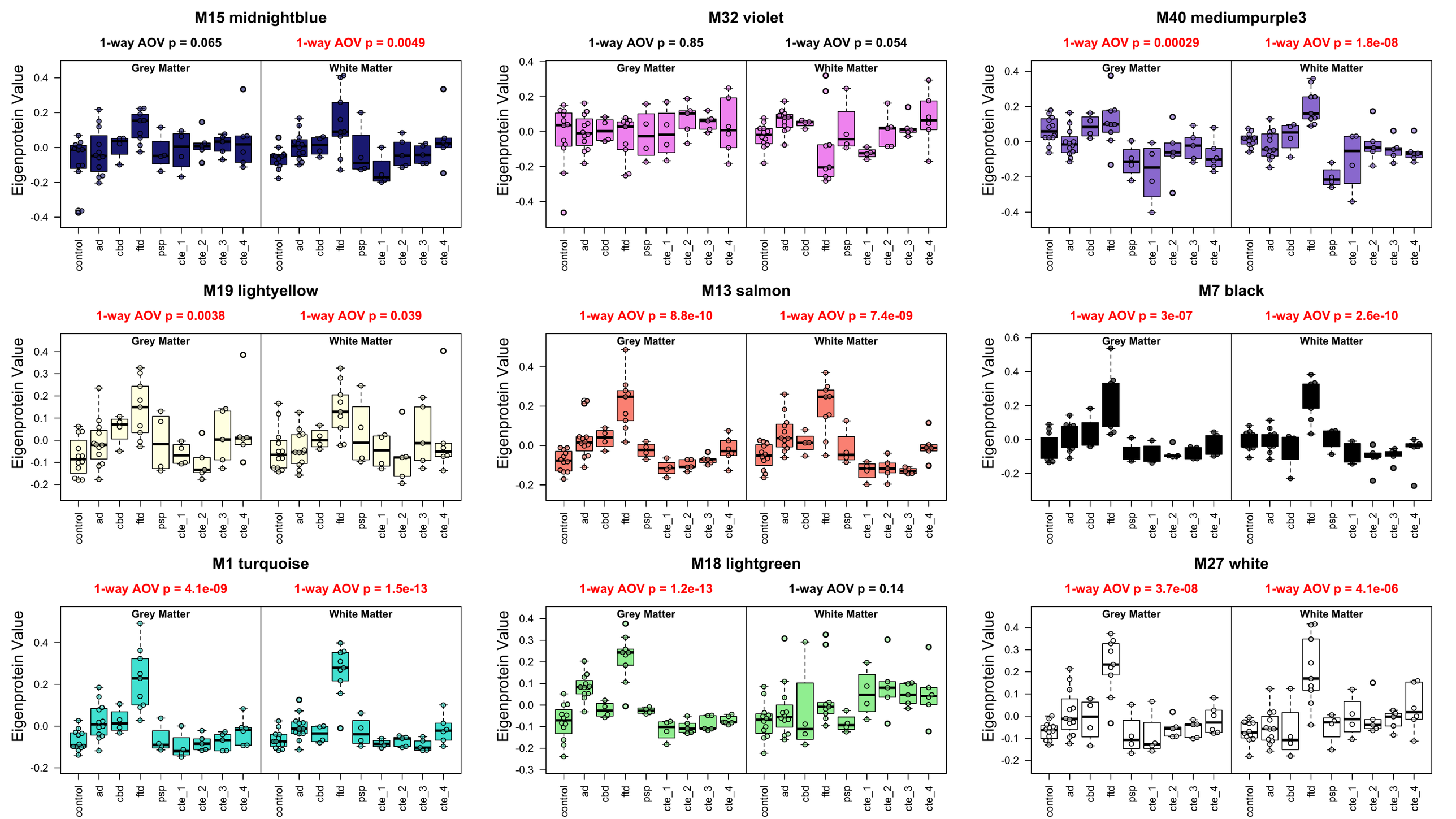
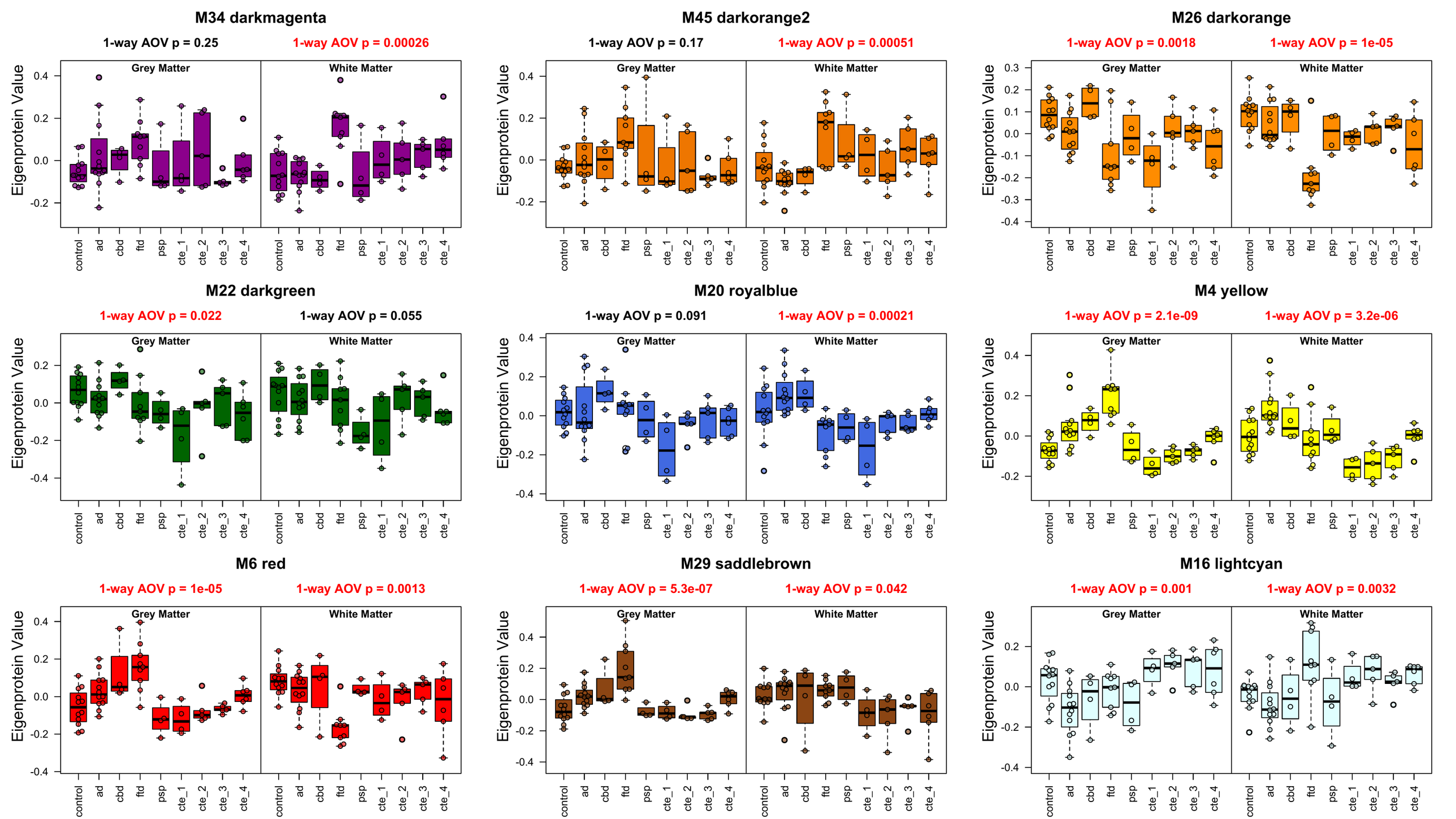
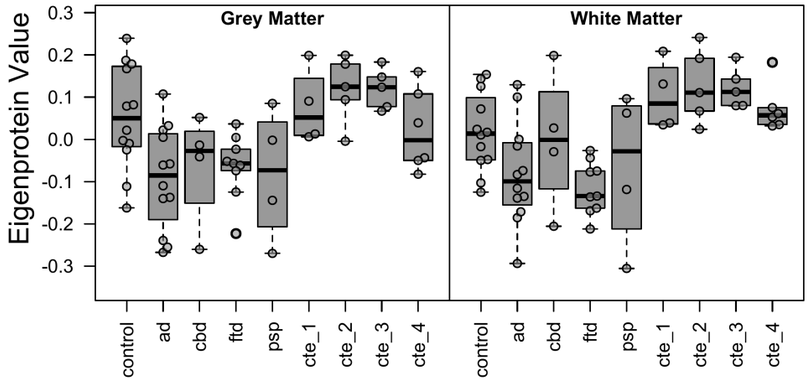
Consensus Network:
Side-by-side eigenprotein boxplots for each module


M15 midnightblue
1-way AOV p = 0.065
1-way AOV p = 0.0049
M32 violet
1-way AOV p = 0.85
1-way AOV p = 0.054
M40 mediumpurple3
1-way AOV p = 0.00029
1-way AOV p = 1.8e-08
M19 lightyellow
1-way AOV p = 0.0038
1-way AOV p = 0.039
M13 salmon
1-way AOV p = 8.8e-10
1-way AOV p = 7.4e-09
M7 black
1-way AOV p = 3e-07
1-way AOV p = 2.6e-10
M1 turquoise
1-way AOV p = 4.1e-09
1-way AOV p = 1.5e-13
M18 lightgreen
1-way AOV p = 1.2e-13
1-way AOV p = 0.14
M27 white
1-way AOV p = 3.7e-08
1-way AOV p = 4.1e-06
Grey Matter
White Matter
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4


M34 darkmagenta
1-way AOV p = 0.25
1-way AOV p = 0.00026
M45 darkorange2
1-way AOV p = 0.17
1-way AOV p = 0.00051
M26 darkorange
1-way AOV p = 0.0018
1-way AOV p = 1e-05
M22 darkgreen
1-way AOV p = 0.022
1-way AOV p = 0.055
M20 royalblue
1-way AOV p = 0.091
1-way AOV p = 0.00021
M4 yellow
1-way AOV p = 2.1e-09
1-way AOV p = 3.2e-06
M6 red
1-way AOV p = 1e-05
1-way AOV p = 0.0013
M29 saddlebrown
1-way AOV p = 5.3e-07
1-way AOV p = 0.042
M16 lightcyan
1-way AOV p = 0.001
1-way AOV p = 0.0032
Grey Matter
White Matter
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

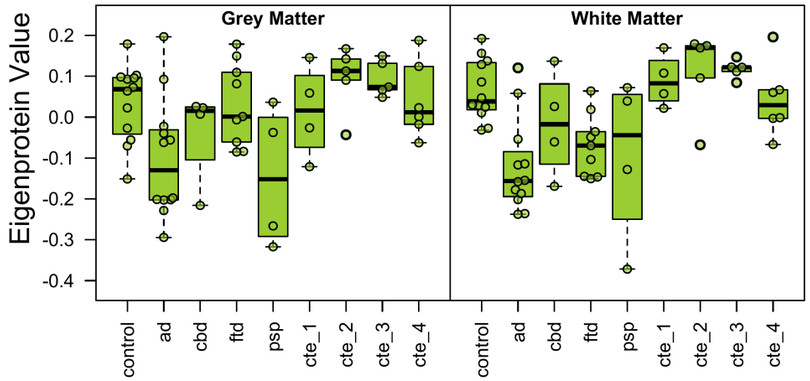
M17 grey60

1-way AOV p = 8e-04 | 1-way AOV p = 6.6e-05



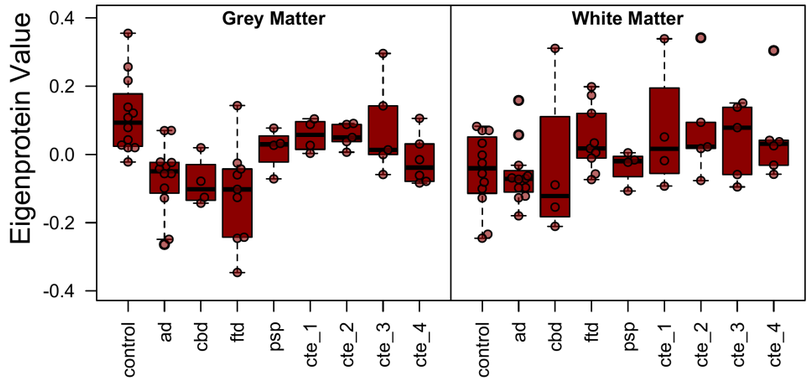
M36 yellowgreen

1-way AOV p = 0.0037 | 1-way AOV p = 1.7e-05



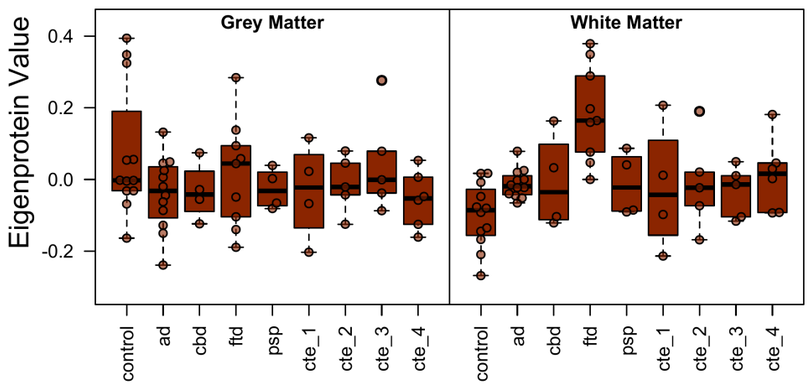
M21 darkred

1-way AOV p = 2e-04 | 1-way AOV p = 0.21



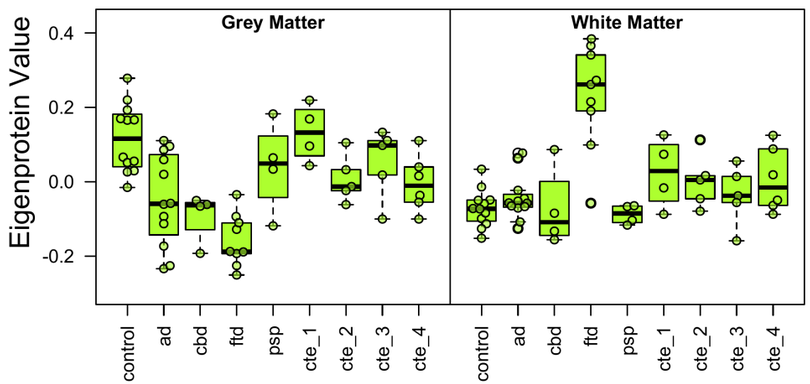
M39 orangered4

1-way AOV p = 0.5 | 1-way AOV p = 0.00011



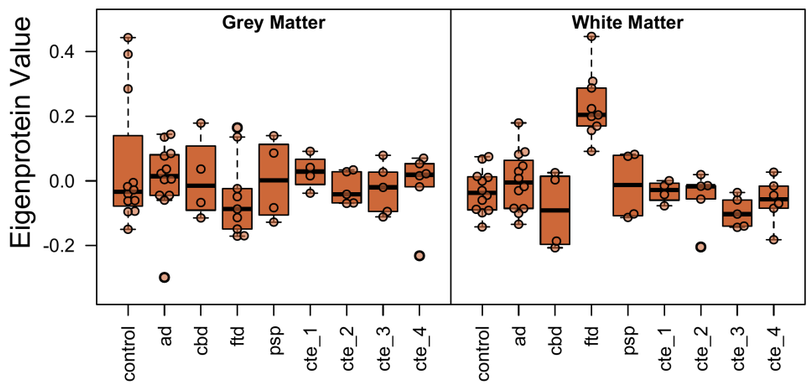
M11 greenyellow

1-way AOV p = 1.1e-06 | 1-way AOV p = 9.1e-09



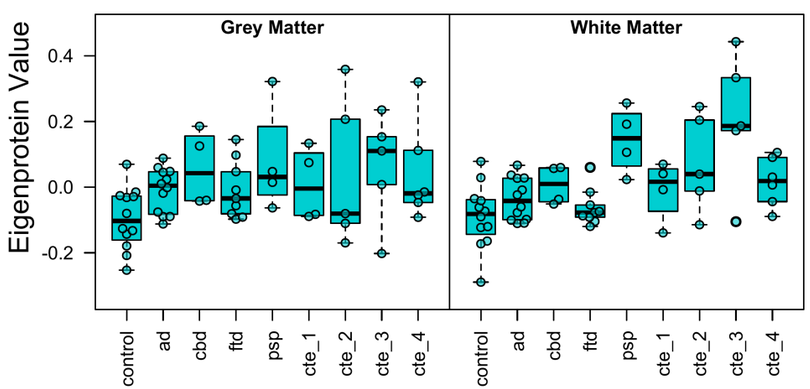
M35 sienna3

1-way AOV p = 0.9 | 1-way AOV p = 1.1e-08



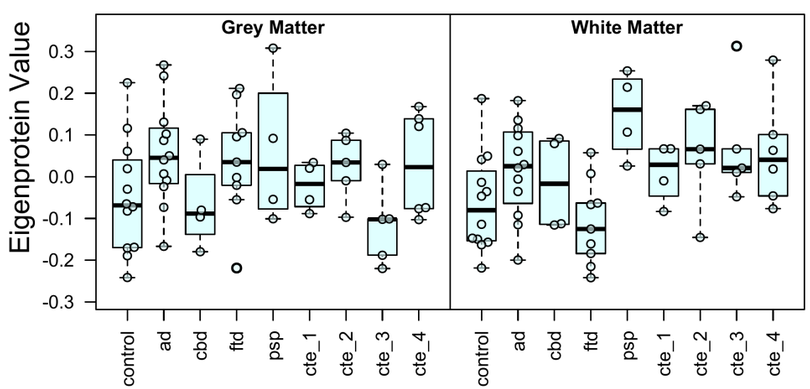
M23 darkturquoise

1-way AOV p = 0.17 | 1-way AOV p = 3e-05



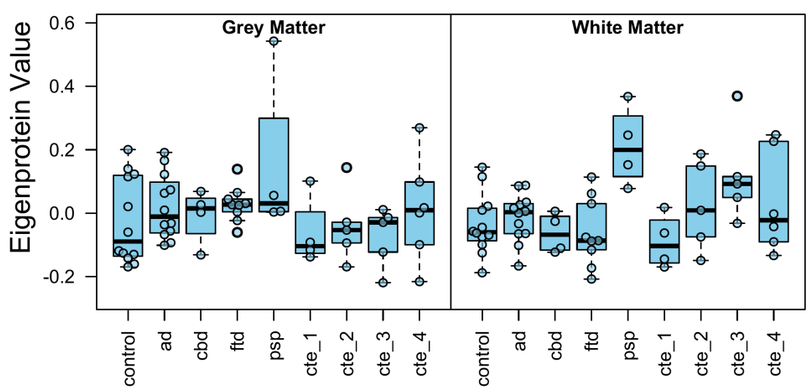
M42 lightcyan1

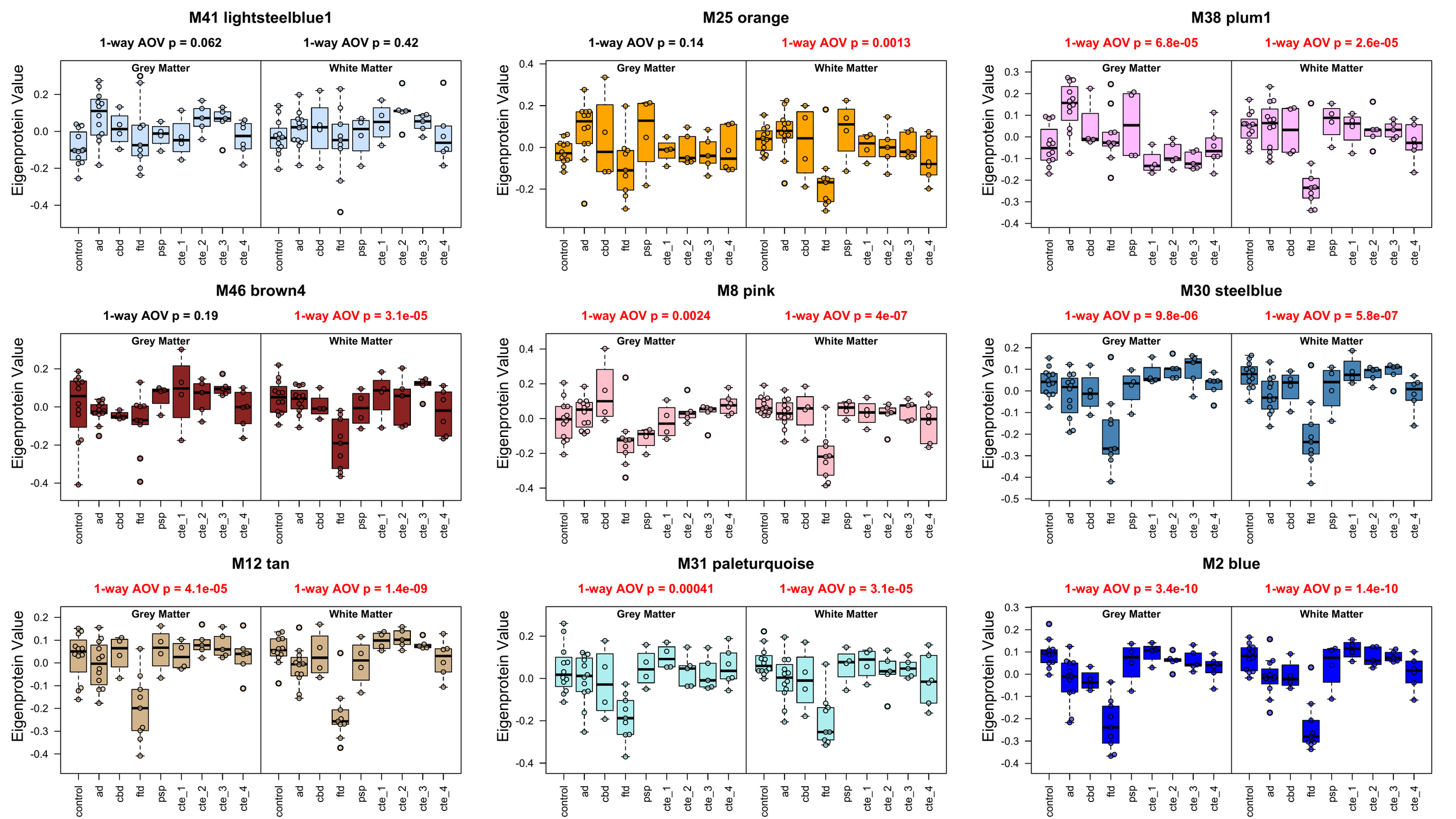
1-way AOV p = 0.17 | 1-way AOV p = 0.0079



M28 skyblue

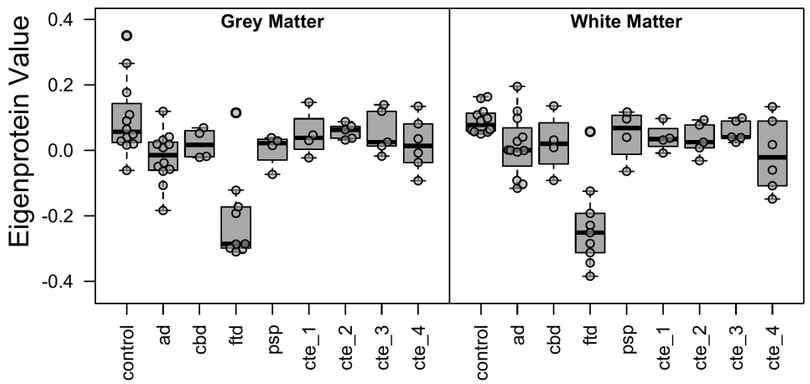
1-way AOV p = 0.28 | 1-way AOV p = 0.002




M41 lightsteelblue1
1-way AOV p = 0.062
1-way AOV p = 0.42
M25 orange
1-way AOV p = 0.14
1-way AOV p = 0.0013
M38 plum1
1-way AOV p = 6.8e-05
1-way AOV p = 2.6e-05
M46 brown4
1-way AOV p = 0.19
1-way AOV p = 3.1e-05
M8 pink
1-way AOV p = 0.0024
1-way AOV p = 4e-07
M30 steelblue
1-way AOV p = 9.8e-06
1-way AOV p = 5.8e-07
M12 tan
1-way AOV p = 4.1e-05
1-way AOV p = 1.4e-09
M31 paleturquoise
1-way AOV p = 0.00041
1-way AOV p = 3.1e-05
M2 blue
1-way AOV p = 3.4e-10
1-way AOV p = 1.4e-10
Grey Matter
White Matter
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

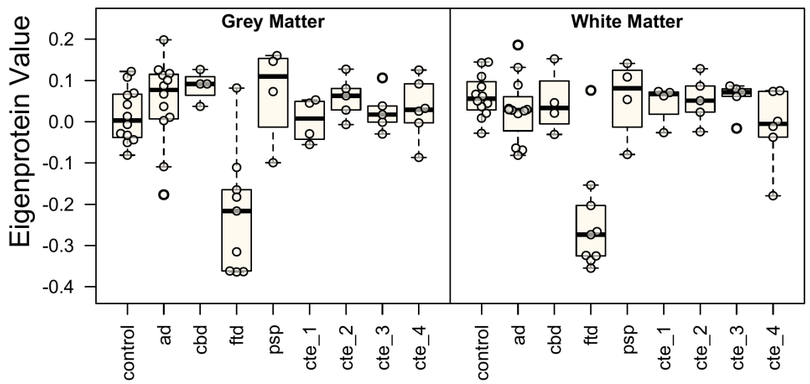
M24 darkgrey

1-way AOV p = 8.3e-07 | 1-way AOV p = 1.4e-08



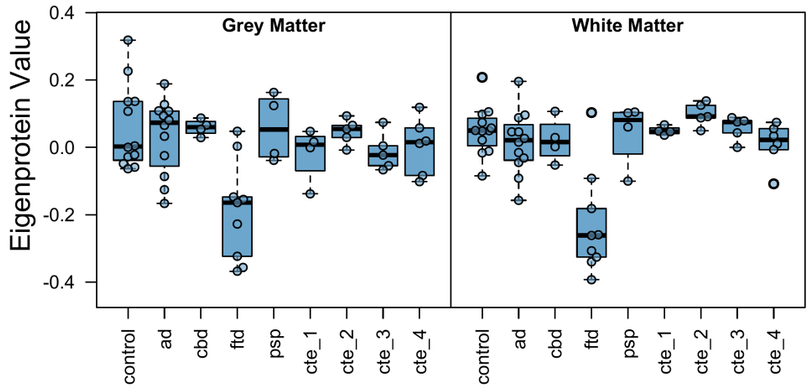
M44 floralwhite

1-way AOV p = 6.7e-07 | 1-way AOV p = 3.8e-09



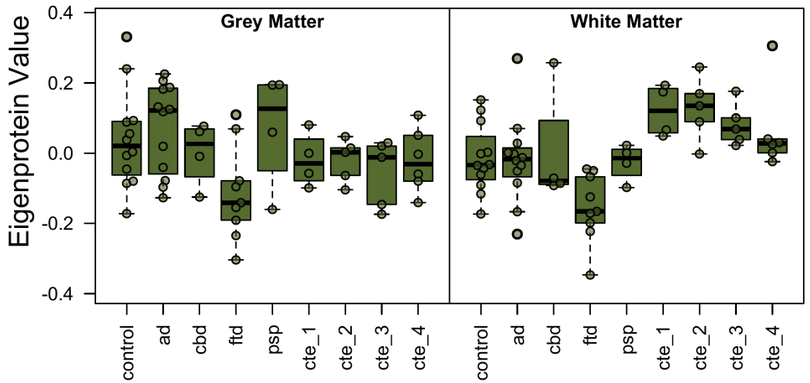
M37 skyblue3

1-way AOV p = 0.00029 | 1-way AOV p = 8.5e-08



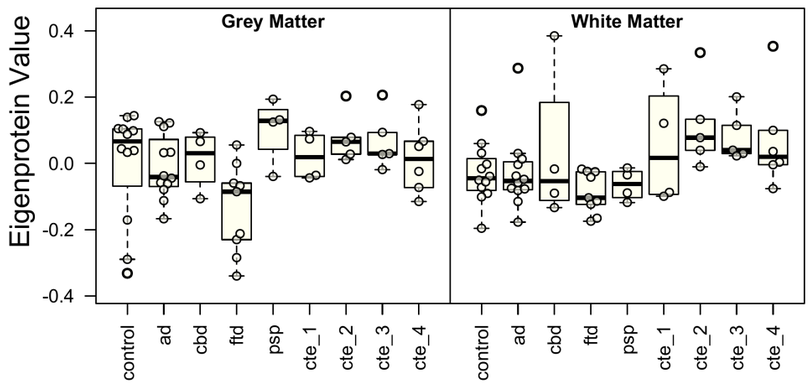
M33 darkolivegreen

1-way AOV p = 0.062 | 1-way AOV p = 0.00021



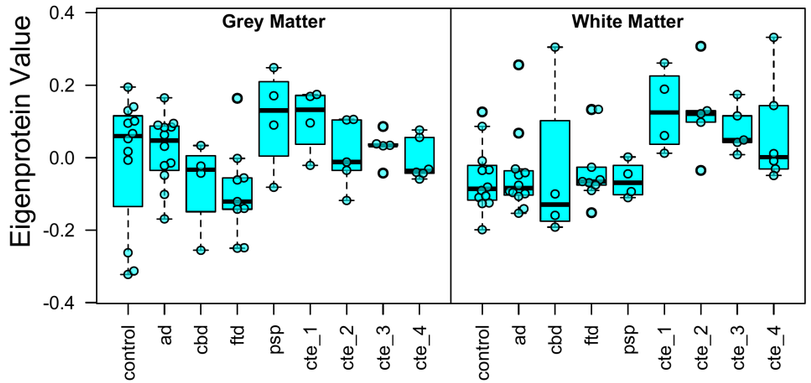
M43 ivory

1-way AOV p = 0.03 | 1-way AOV p = 0.043



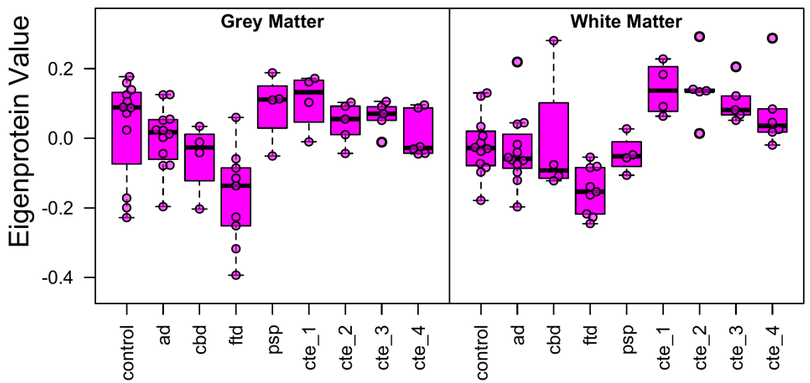
M14 cyan

1-way AOV p = 0.13 | 1-way AOV p = 0.013



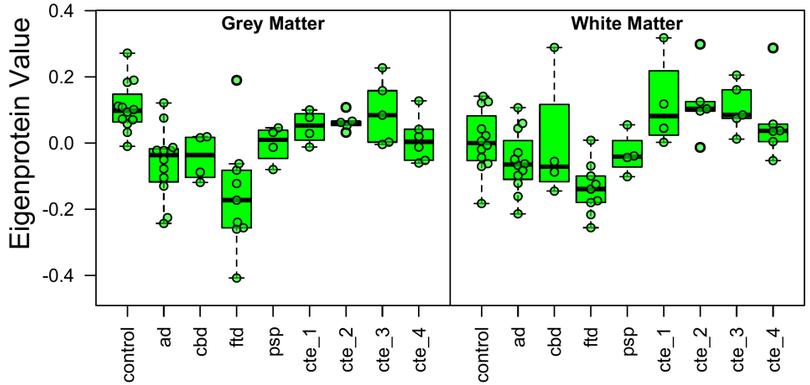
M9 magenta

1-way AOV p = 7e-04 | 1-way AOV p = 5.6e-06



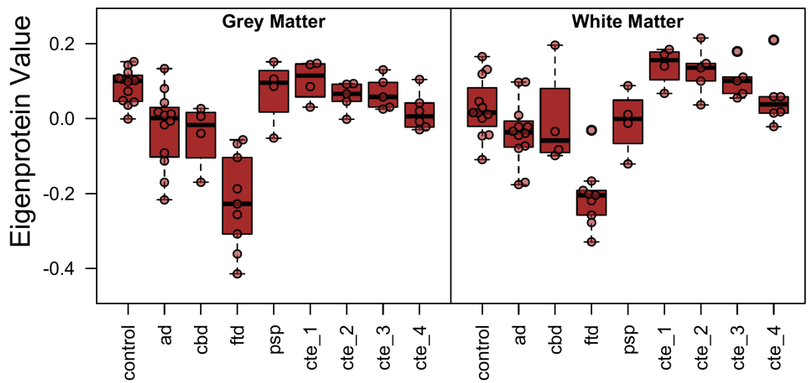
M5 green

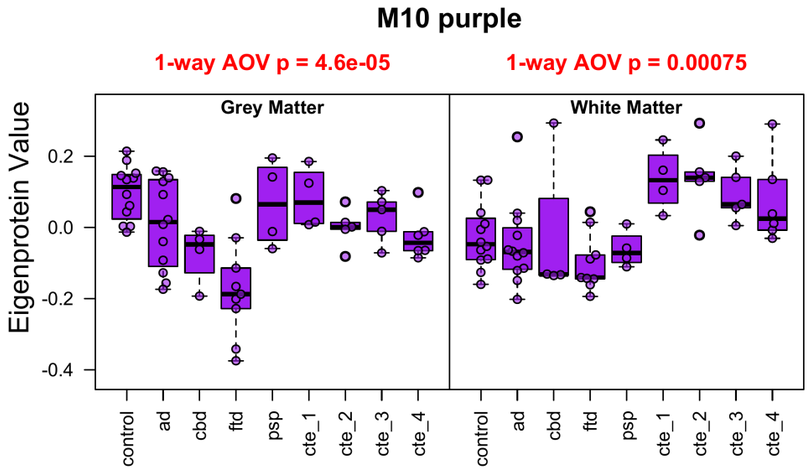
1-way AOV p = 1.6e-05 | 1-way AOV p = 0.00015



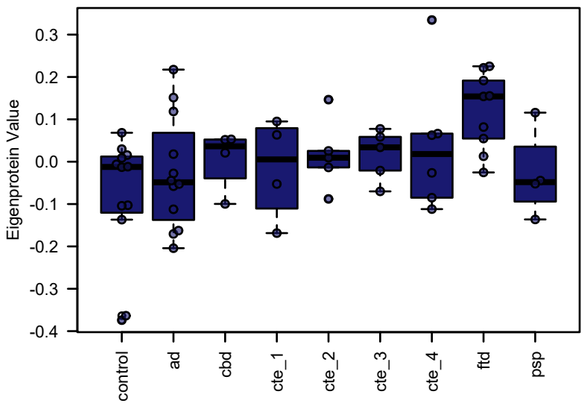
M3 brown

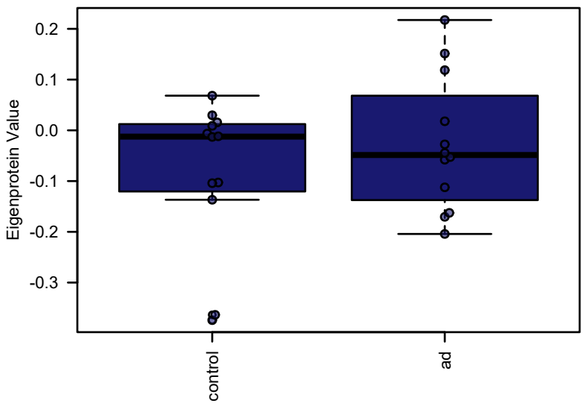
1-way AOV p = 1.9e-09 | 1-way AOV p = 1.4e-09

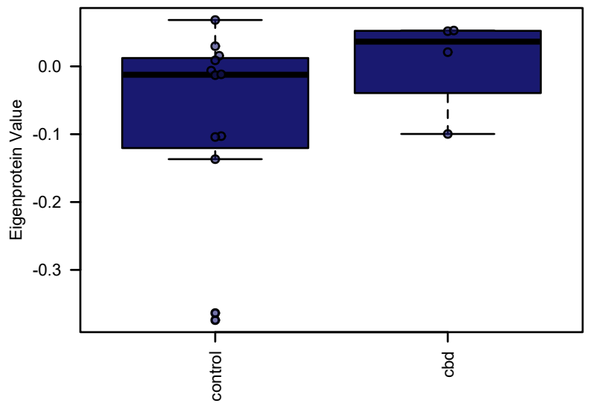


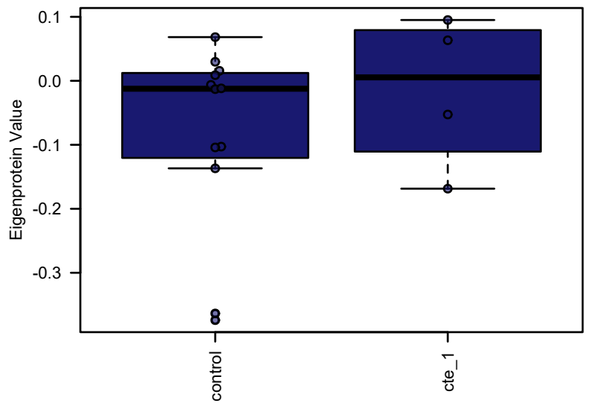

M10 purple
1-way AOV p = 4.6e-05
1-way AOV p = 0.00075
Grey Matter
White Matter
Eigenprotein Value
0.2
0.0
-0.2
-0.4
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

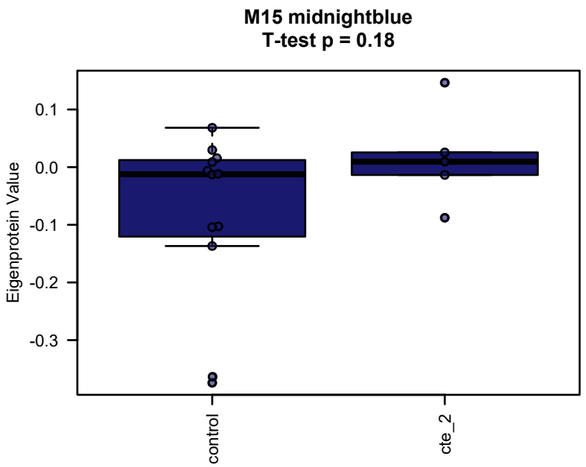
Grey Matter

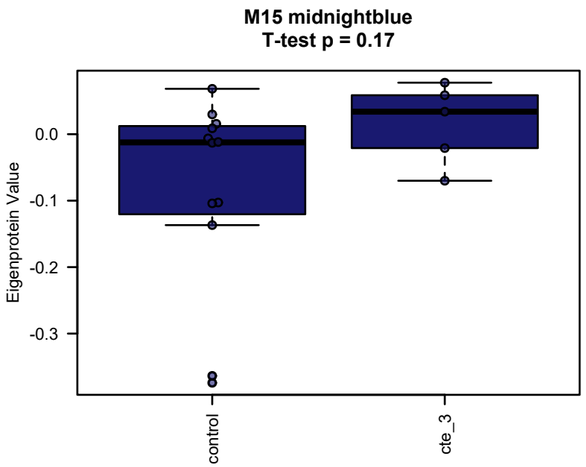

M15 midnightblue
1-way AOV p = 0.065
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

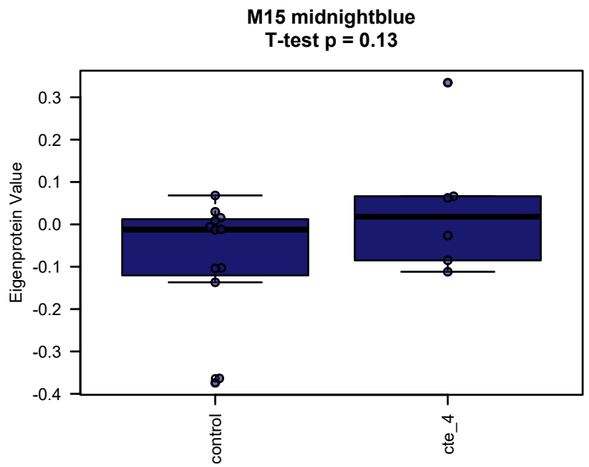

M15 midnightblue
T-test p = 0.34
Eigenprotein Value
control
ad

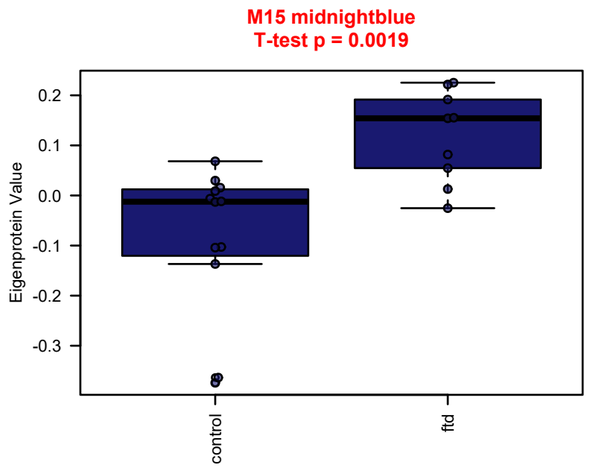

M15 midnightblue
T-test p = 0.27
Eigenprotein Value
control
cbd

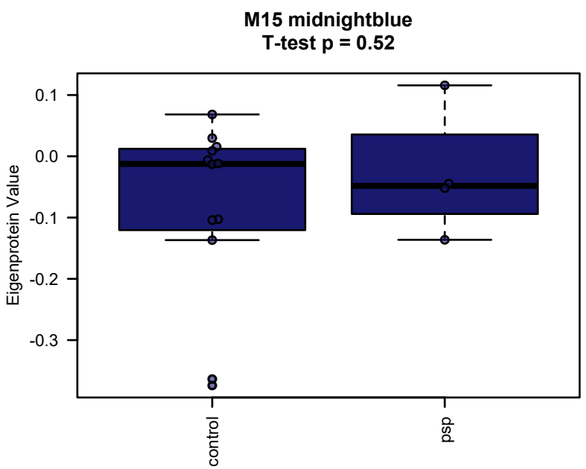

M15 midnightblue
T-test p = 0.43
Eigenprotein Value
control
cte_1

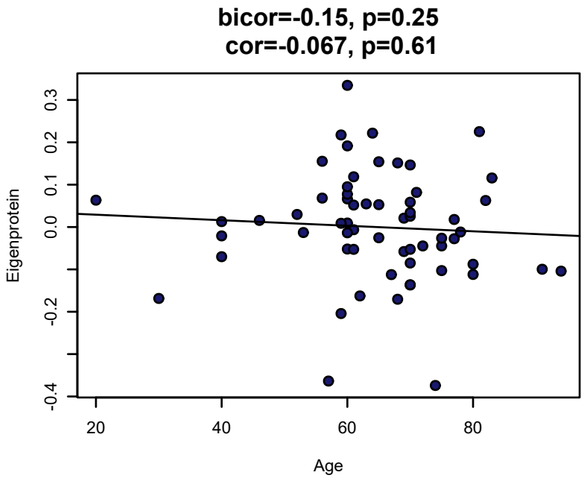

M15 midnightblue
T-test p = 0.18
Eigenprotein Value
control
cte_2

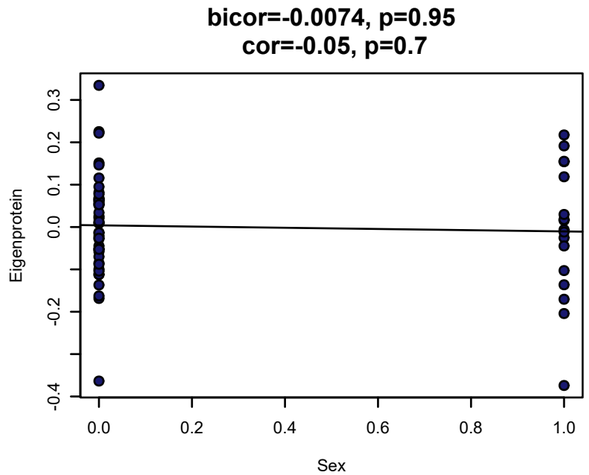

M15 midnightblue
T-test p = 0.17
Eigenprotein Value
control
cte_3

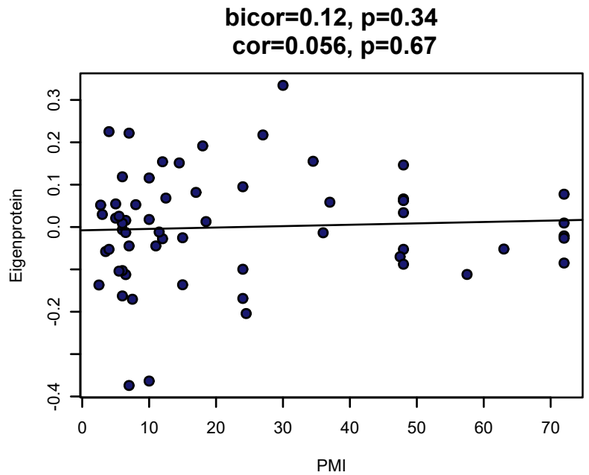

M15 midnightblue
T-test p = 0.13
Eigenprotein Value
control
cte_4


M15 midnightblue
T-test p = 0.0019
Eigenprotein Value
control
ftd

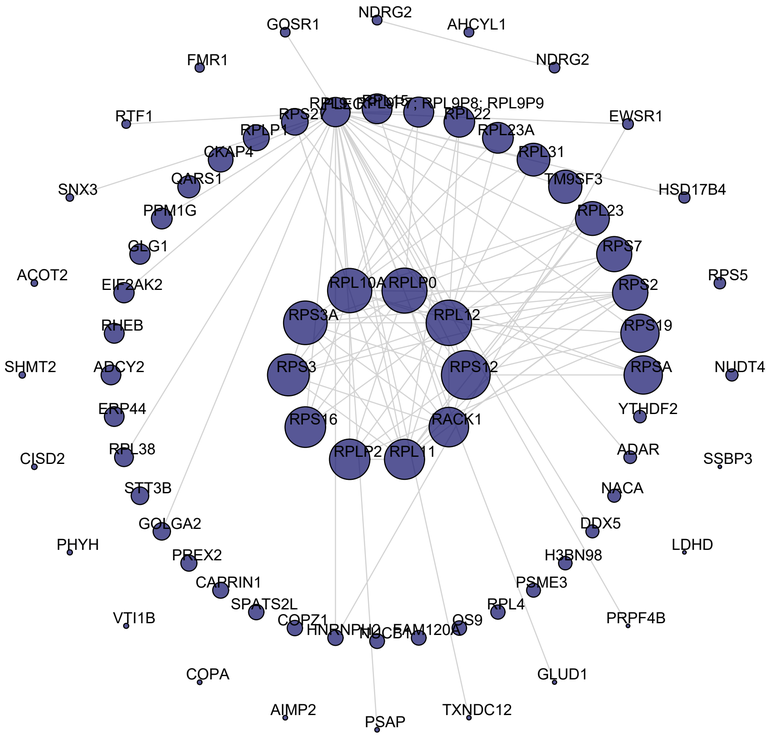

M15 midnightblue
T-test p = 0.52
Eigenprotein Value
control
psp


bicor=-0.15, p=0.25
cor=-0.067, p=0.61
Eigenprotein
Age

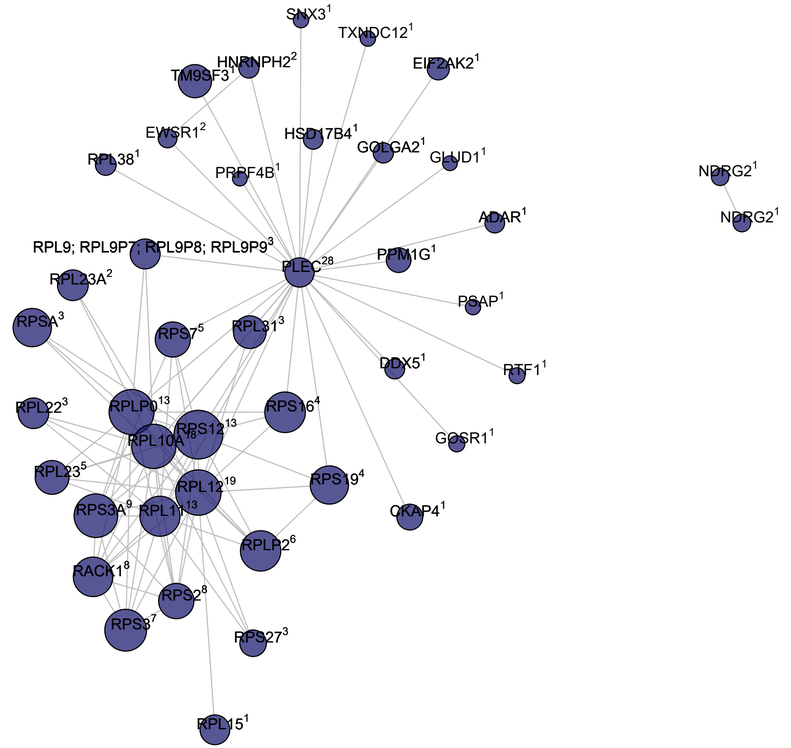

bicor=-0.0074, p=0.95
cor=-0.05, p=0.7
Eigenprotein
Sex

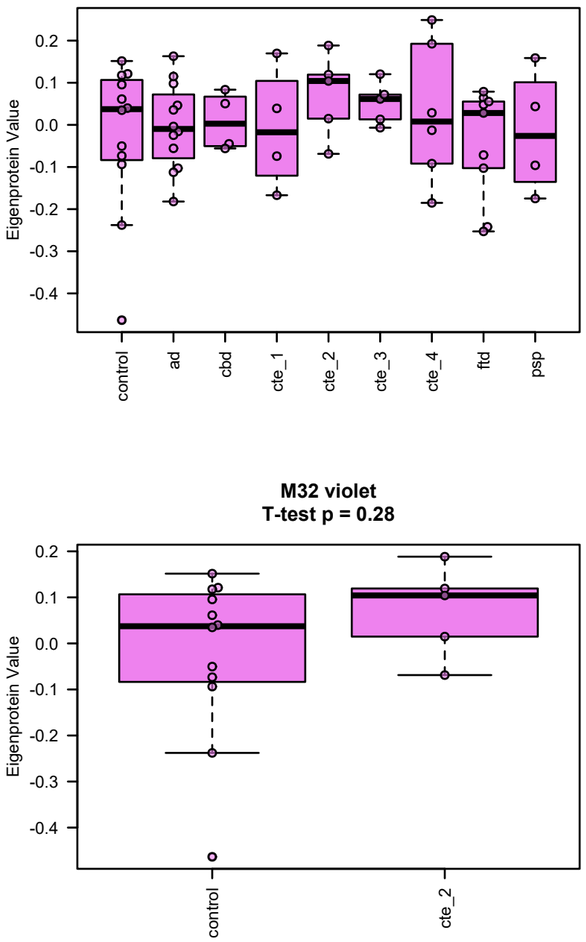

bicor=0.12, p=0.34
cor=0.056, p=0.67
Eigenprotein
PMI

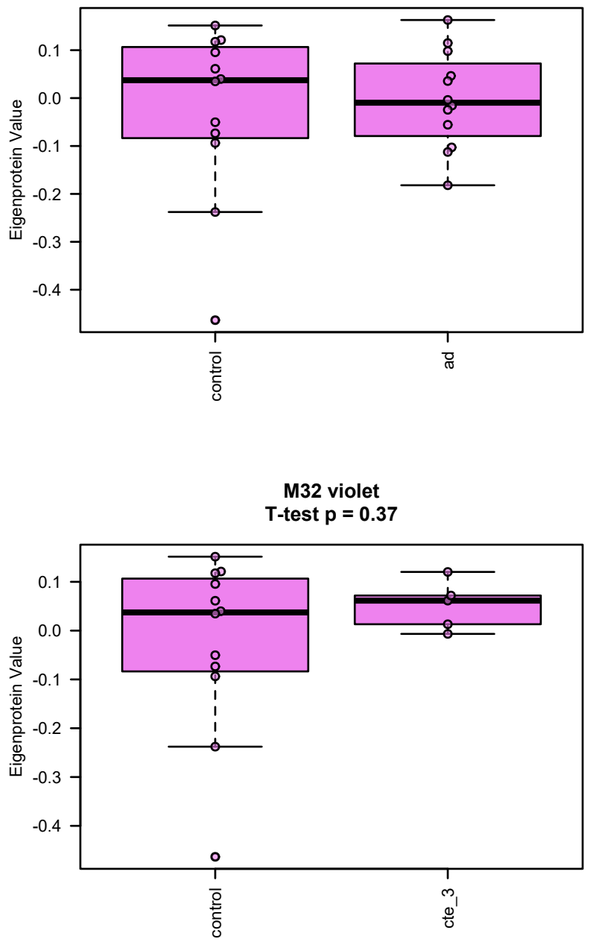
M15 midnightblue module

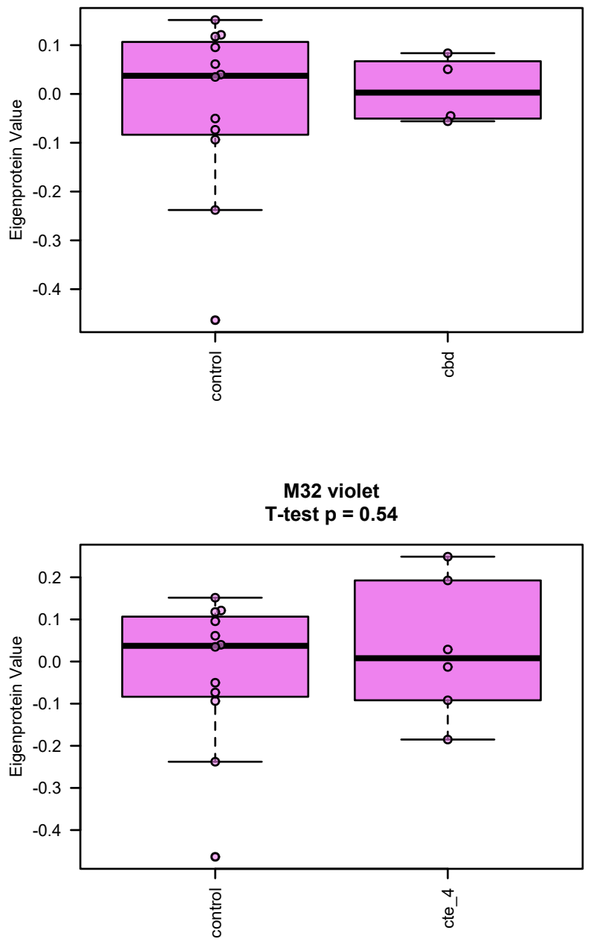


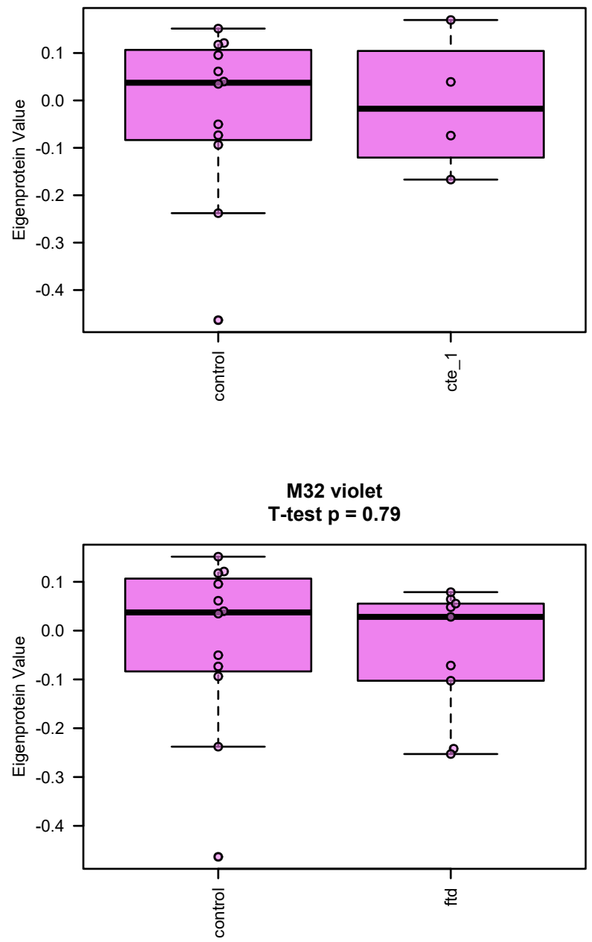
M15 midnightblue module hubs connected by top 200 TOM edges: HUB^{degree}




M32 violet
1-way AOV p = 0.85
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp


M32 violet
T-test p = 0.72
Eigenprotein Value
control
ad


M32 violet
T-test p = 0.73
Eigenprotein Value
control
cbd

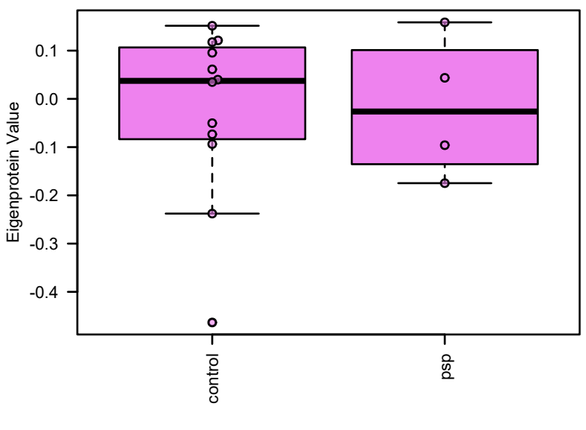

M32 violet
T-test p = 0.87
Eigenprotein Value
control
cte_1

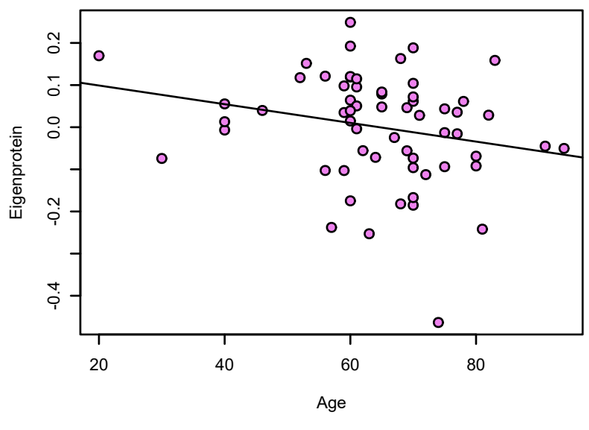
M32 violet
T-test p = 0.28
Eigenprotein Value
control
cte_2

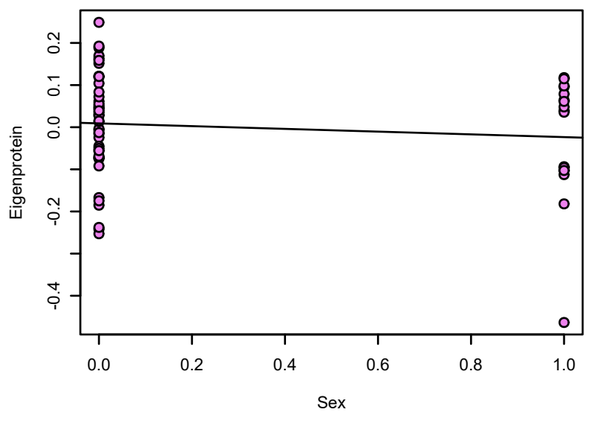
M32 violet
T-test p = 0.37
Eigenprotein Value
control
cte_3

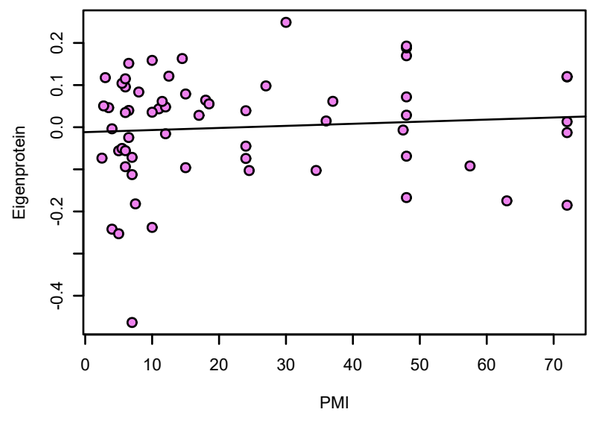
M32 violet
T-test p = 0.54
Eigenprotein Value
control
cte_4

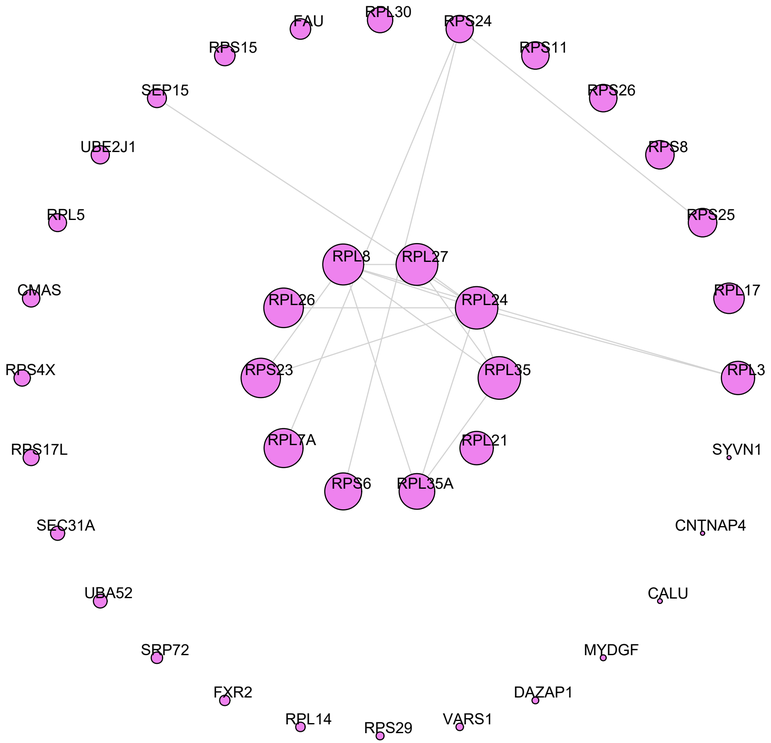
M32 violet
T-test p = 0.79
Eigenprotein Value
control
ftd

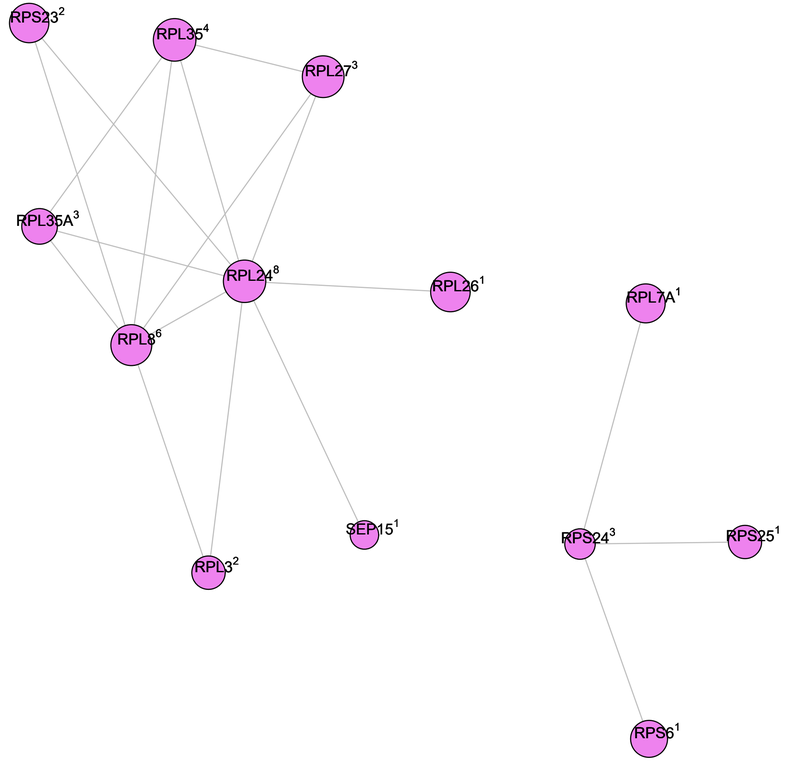

M32 violet
T-test p = 0.94
Eigenprotein Value
control
psp

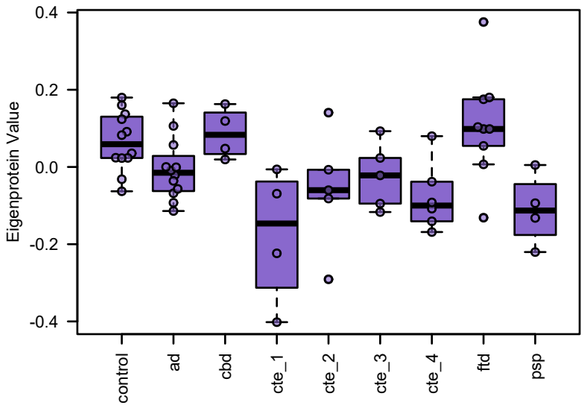

bicor=-0.24, p=0.057
cor=-0.23, p=0.075
Eigenprotein
Age

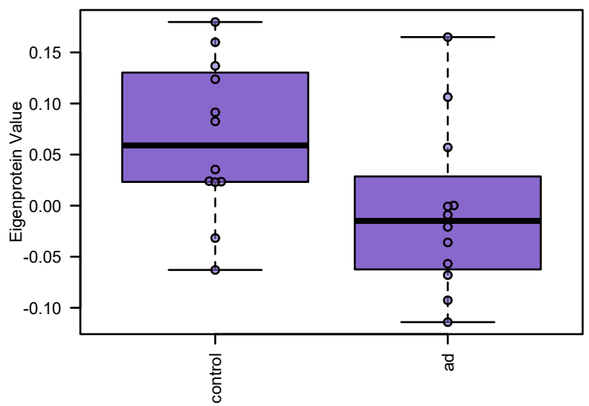

bicor=-0.063, p=0.63
cor=-0.11, p=0.4
Eigenprotein
Sex

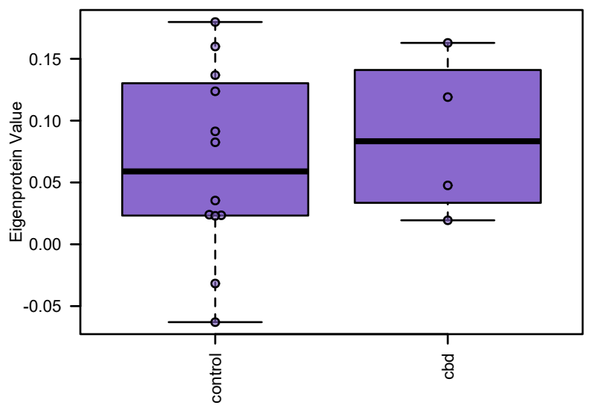

bicor=0.087, p=0.5
cor=0.084, p=0.52
Eigenprotein
PMI

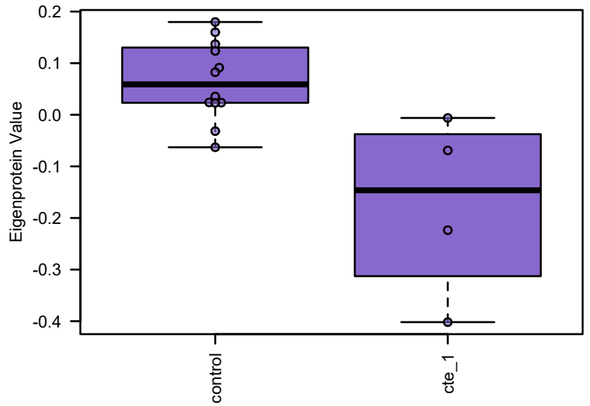

M32 violet module
FAU
RPL30
RPS24
RPS15
RPS11
SEP15
RPS26
UBE2J1
RPS8
RPS25
RPL5
RPL8
RPL27
CMAS
RPL26
RPL24
RPL17
RPS4X
RPS23
RPL35
RPL3
RPS17L
RPL7A
RPL21
SYVN1
RPS6
RPL35A
SEC31A
CNTNAP4
UBA52
CALU
SRP72
MYDGF
FXR2
DAZAP1
RPL14
RPS29
VARS1

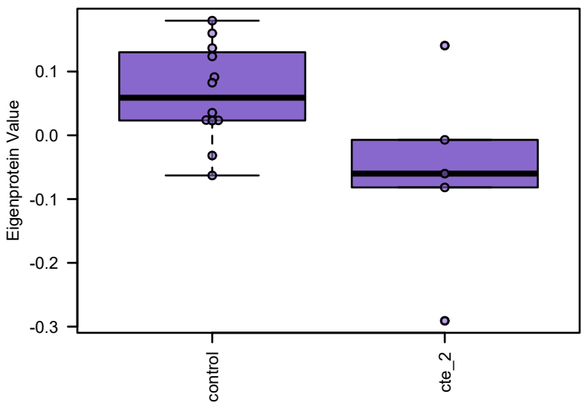

M32 violet module hubs connected by top 36 TOM edges: HUB degree
RPS23 2
RPL35 4
RPL27 3
RPL35A 3
RPL24 8
RPL26 1
RPL8 6
RPL7A 1
SEP15 1
RPL3 2
RPS24 3
RPS25 1
RPS6 1

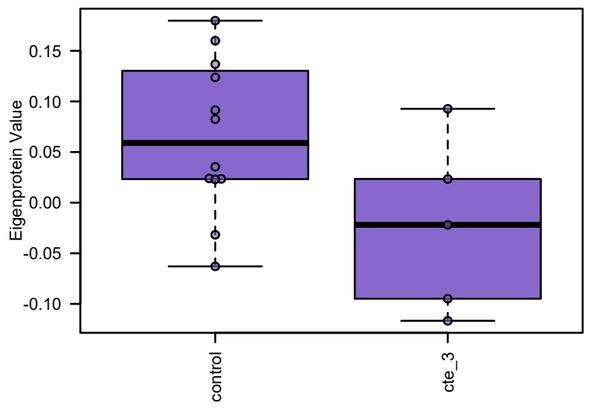

M40 mediumpurple3
1-way AOV p = 0.00029
Eigenprotein Value
0.4
0.2
0.0
-0.2
-0.4
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

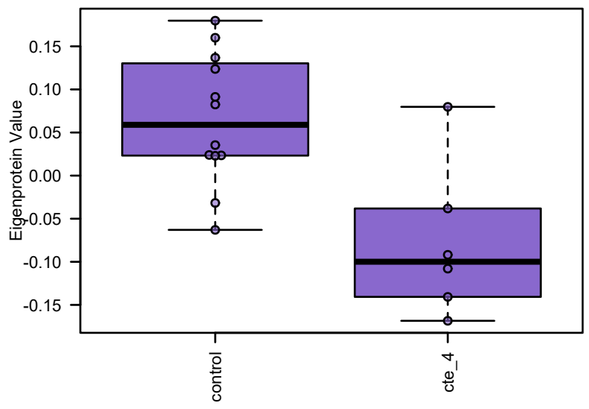

M40 mediumpurple3
T-test p = 0.037
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
ad

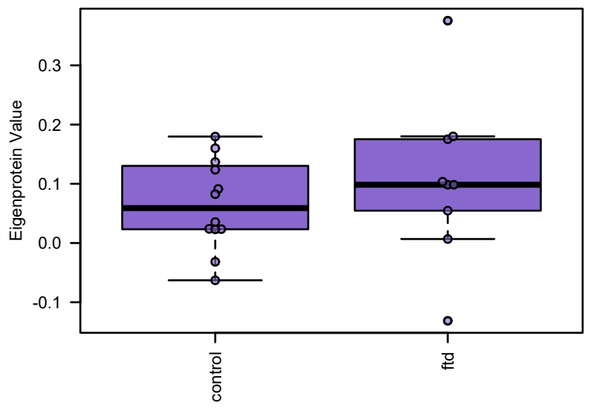

M40 mediumpurple3
T-test p = 0.62
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
control
cbd

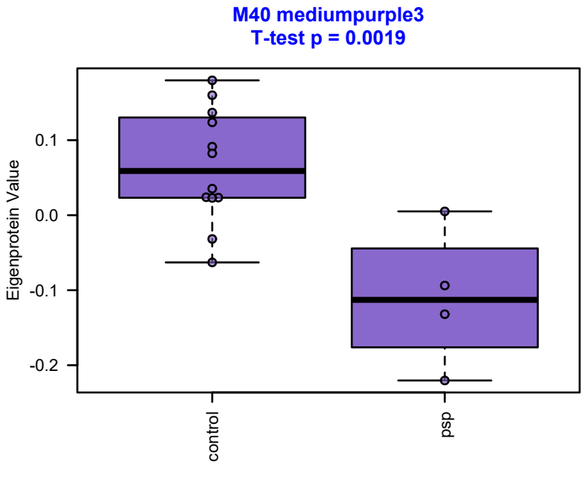

M40 mediumpurple3
T-test p = 0.0015
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
-0.4
control
cte_1

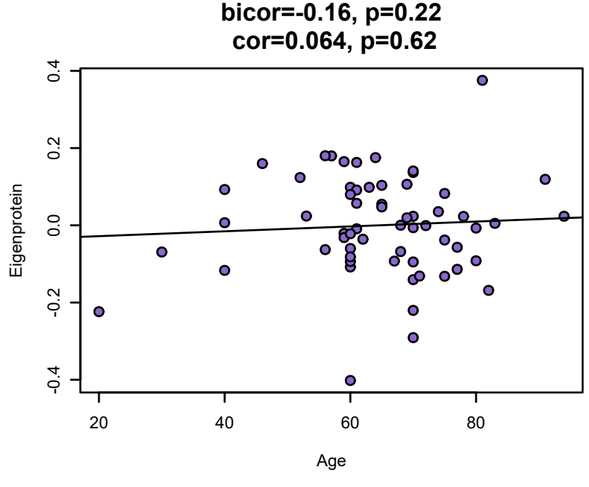

M40 mediumpurple3
T-test p = 0.038
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
cte_2

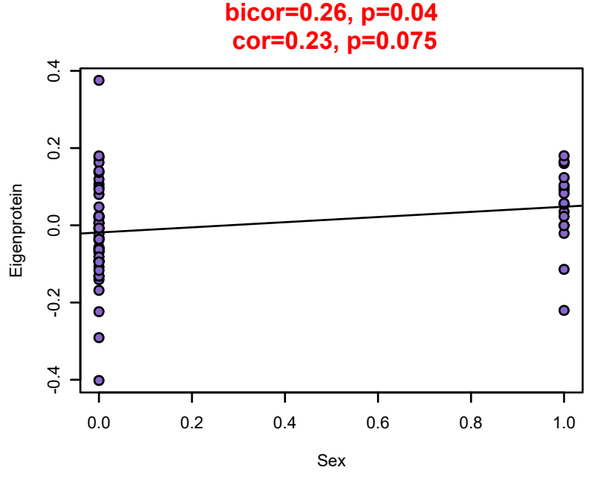

M40 mediumpurple3
T-test p = 0.051
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_3

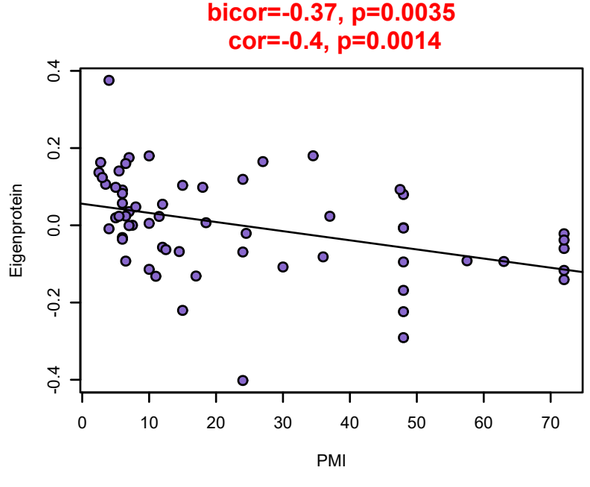

M40 mediumpurple3
T-test p = 0.0026
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

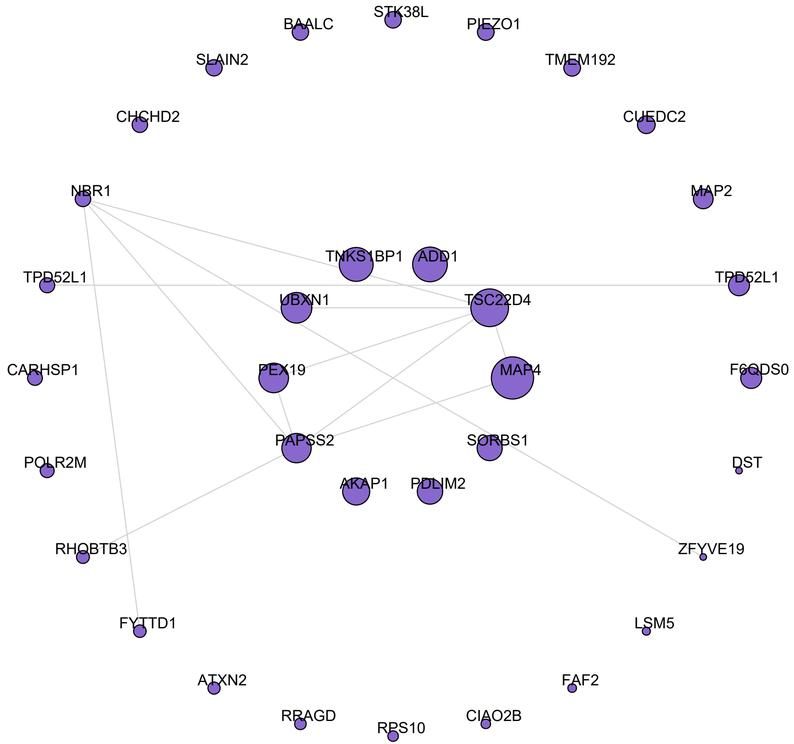

M40 mediumpurple3
T-test p = 0.39
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

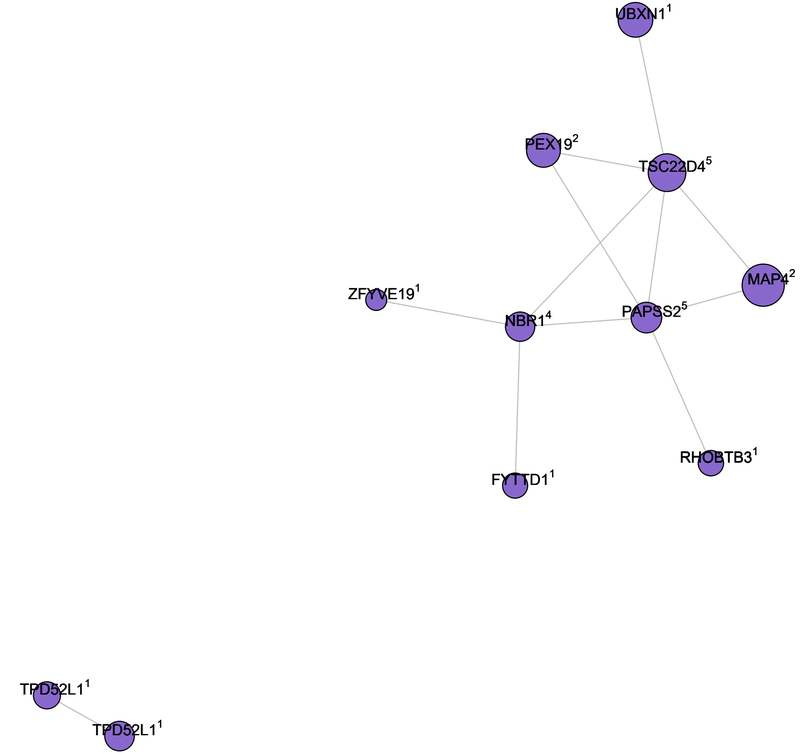

M40 mediumpurple3
T-test p = 0.0019
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
psp

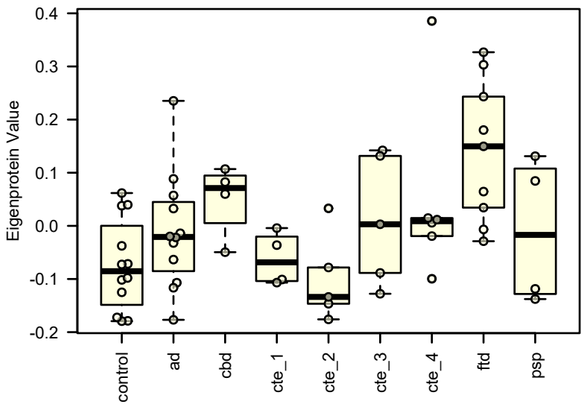

bicor=-0.16, p=0.22
cor=0.064, p=0.62
Eigenprotein
0.4
0.2
0.0
-0.2
-0.4
20
40
60
80
Age

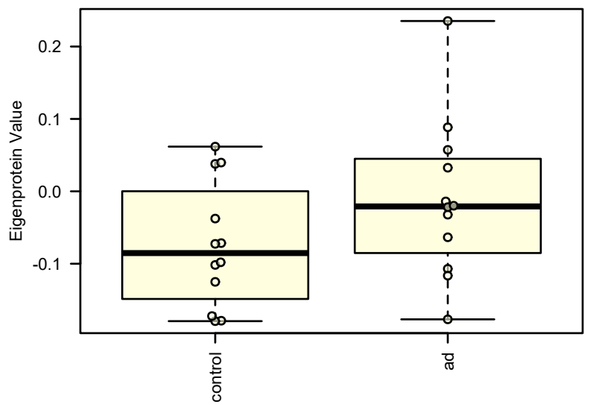

bicor=0.26, p=0.04
cor=0.23, p=0.075
Eigenprotein
0.4
0.2
0.0
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Sex

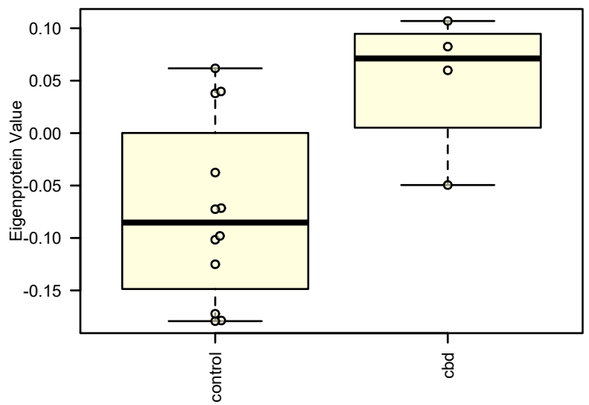

bicor=-0.37, p=0.0035
cor=-0.4, p=0.0014
Eigenprotein
0.4
0.2
0.0
-0.2
-0.4
0
10
20
30
40
50
60
70
PMI

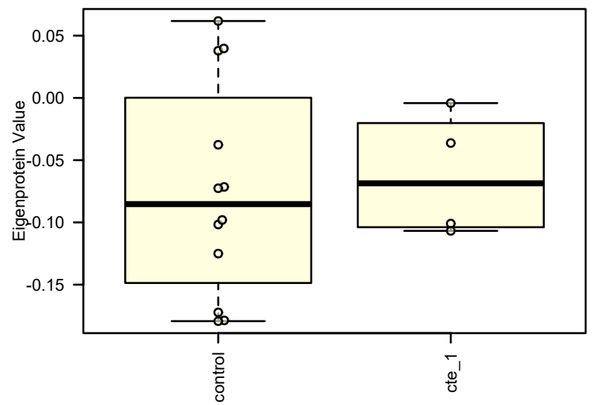

M40 mediumpurple3 module
BAALC
STK38L
PIEZO1
SLAIN2
TMEM192
CHCHD2
CUEDC2
NBR1
MAP2
TNKS1BP1
ADD1
TPD52L1
TPD52L1
UBXN1
TSC22D4
CARHSP1
PEX19
MAP4
F6CDS0
PAPSS2
SORBS1
POLR2M
DST
AKAP1
PDLIM2
RHOBTB3
ZFYVE19
FYTTD1
LSM5
ATXN2
FAF2
RRAGD
CIAO2B
RPS10

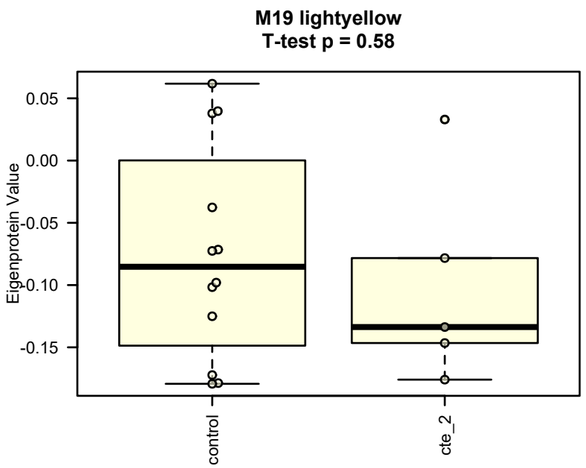

M40 mediumpurple3 module hubs connected by top 24 TOM edges: HUB degree
UBXN1 1
PEX19 2
TSC22D4 5
ZFYVE19 1
MAP4 2
NBR1 4
PAPSS2 5
RHOBTB3 1
FYTTD1 1
TPD52L1 1
TPD52L1 1

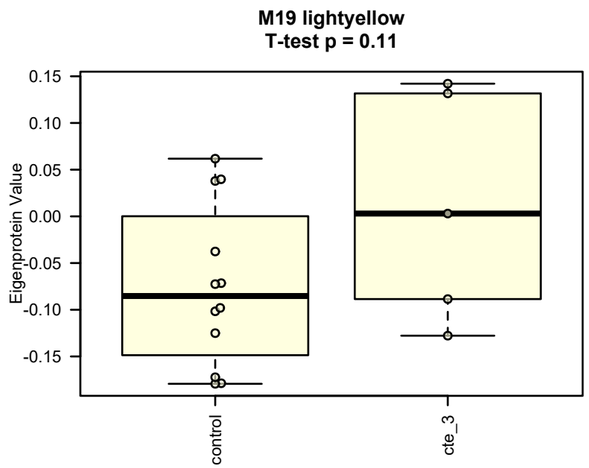

M19 lightyellow
1-way AOV p = 0.0038
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

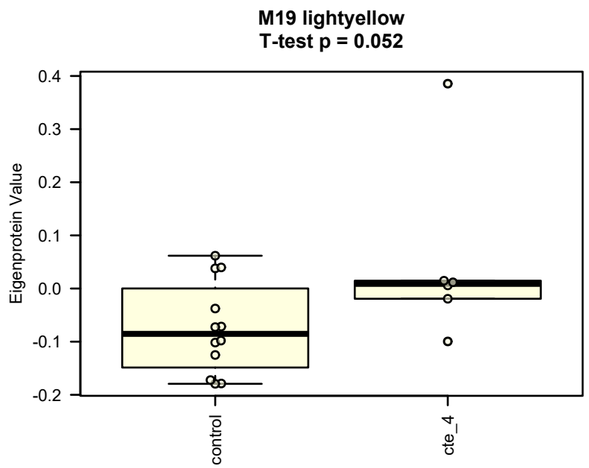

M19 lightyellow
T-test p = 0.13
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

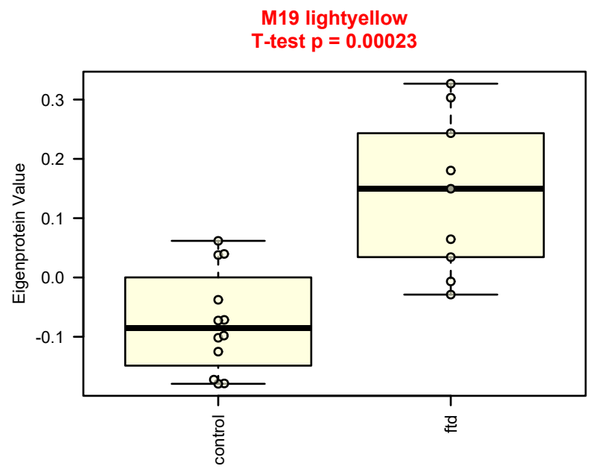

M19 lightyellow
T-test p = 0.02
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

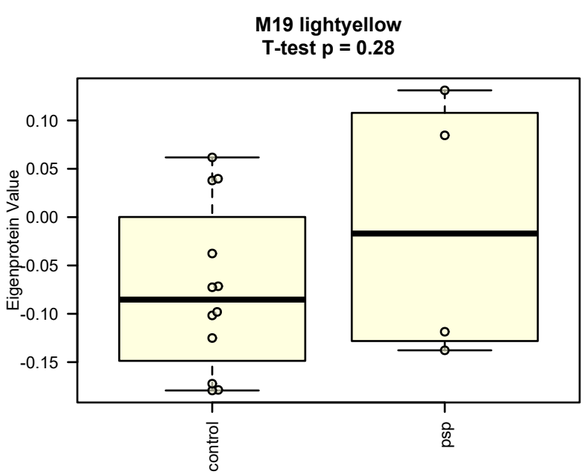

M19 lightyellow
T-test p = 0.79
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

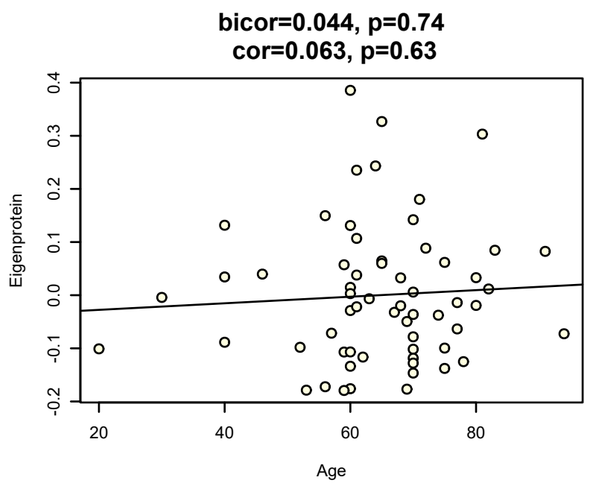

M19 lightyellow
T-test p = 0.58
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

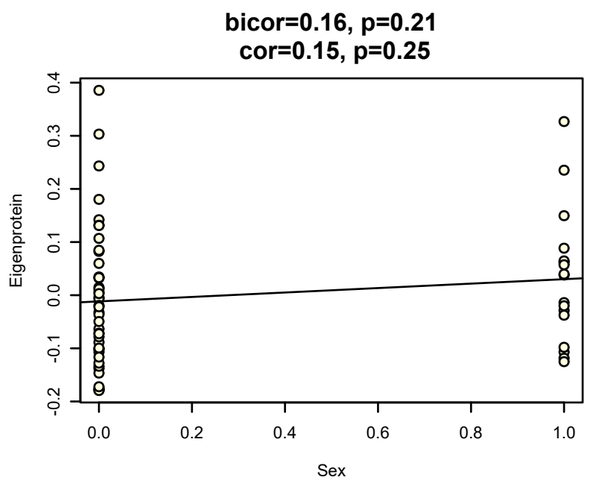

M19 lightyellow
T-test p = 0.11
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

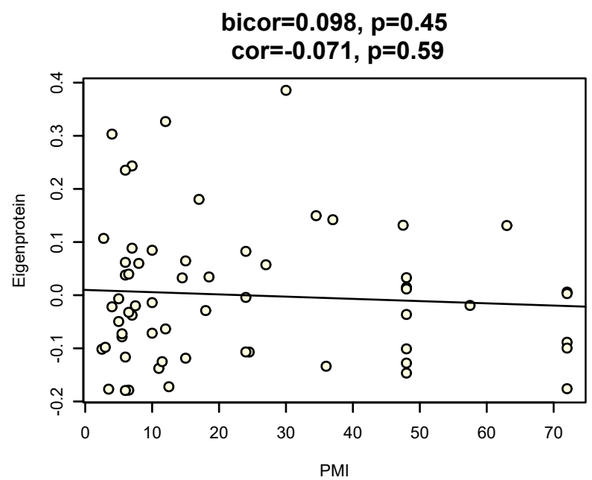

M19 lightyellow
T-test p = 0.052
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

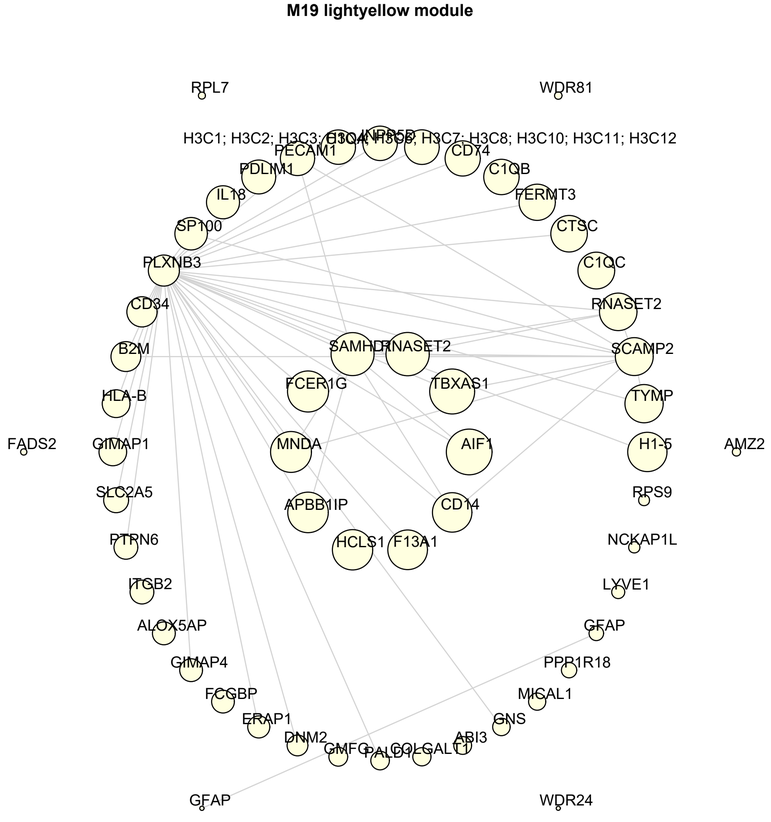

M19 lightyellow
T-test p = 0.00023
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

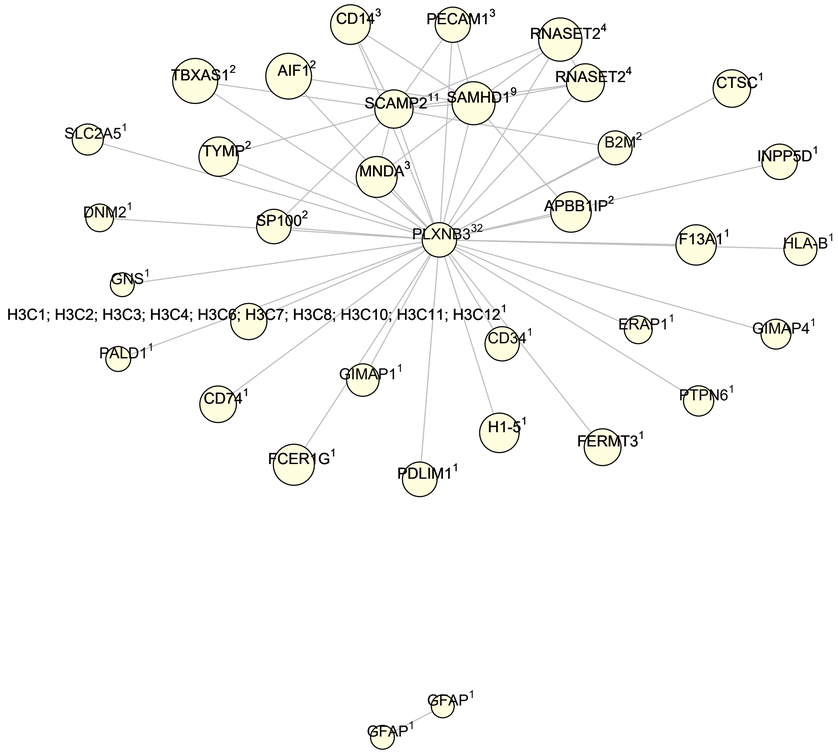

M19 lightyellow
T-test p = 0.28
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
psp

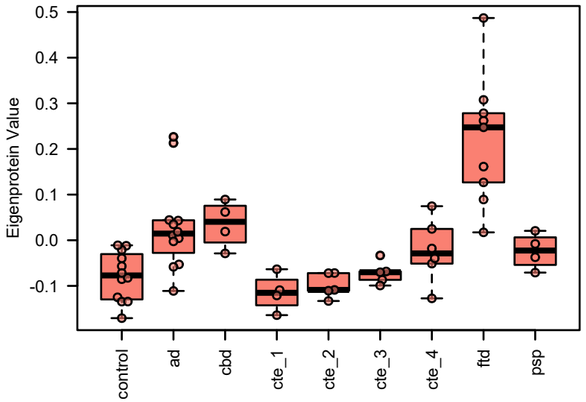

bicor=0.044, p=0.74
cor=0.063, p=0.63
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

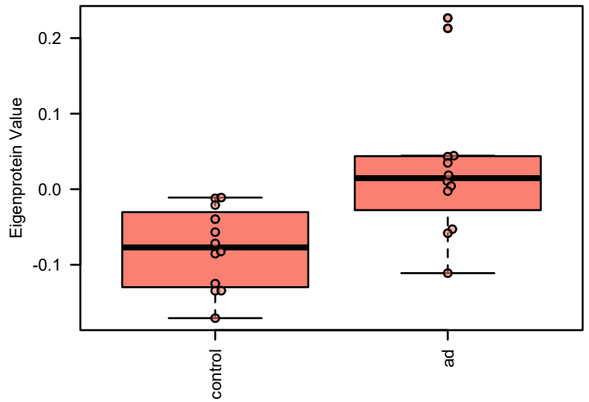

bicor=0.16, p=0.21
cor=0.15, p=0.25
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

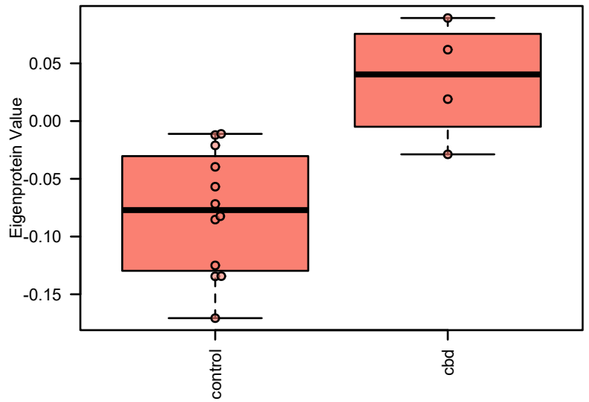

bicor=0.098, p=0.45
cor=-0.071, p=0.59
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

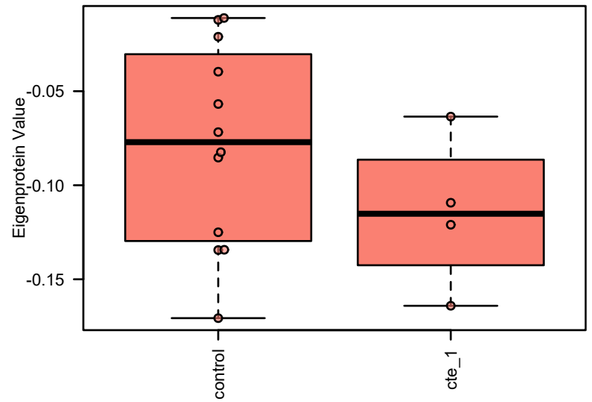

M19 lightyellow module
RPL7
WDR81
H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3C10; H3C11; H3C12
PECAM1
CD74
PDLIM1
C1QB
IL18
FERMT3
SP100
CTSC
PLXNB3
C1QC
CD34
RNASET2
B2M
SAMHD1
RNASET2
SCAMP2
FCER1G
TBXAS1
TYMP
HLA-B
FADS2
GIMAP1
MNDA
AIF1
H1-5
AMZ2
SLC2A5
APBB1IP
CD14
RPS9
PTPN6
HCLS1
F13A1
NCKAP1L
ITGB2
LYVE1
ALOX5AP
GFAP
GIMAP4
PPP1R18
FCGBP
MICAL1
ERAP1
GNS
DNM2
ABI3
GMFG
PALD1
COLGALT1
GFAP
WDR24

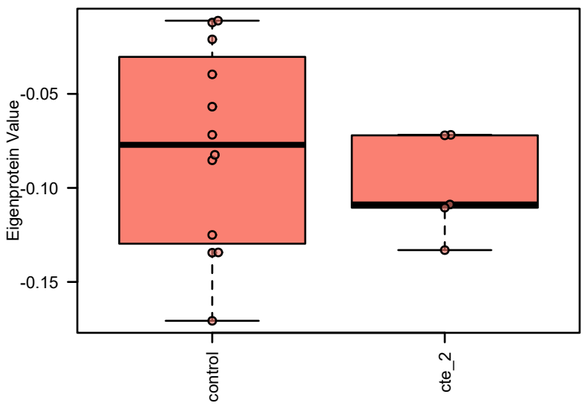

M19 lightyellow module hubs connected by top 102 TOM edges: HUB^degree
CD14^3
PECAM1^3
RNASET2^4
TBXAS1^2
AIF1^2
RNASET2^4
CTSC^1
SCAMP2^11
SAMHD1^9
SLC2A5^1
TYMP^2
B2M^2
INPP5D^1
MNDA^3
DNM2^1
SP100^2
APBB1IP^2
PLXNB3^32
F13A1^1
HLA-B^1
GNS^1
H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3C10; H3C11; H3C12^1
ERAP1^1
GIMAP4^1
PALD1^1
CD34^1
GIMAP1^1
CD74^1
PTPN6^1
H1-5^1
FERMT3^1
FCER1G^1
PDLIM1^1
GFAP^1
GFAP^1

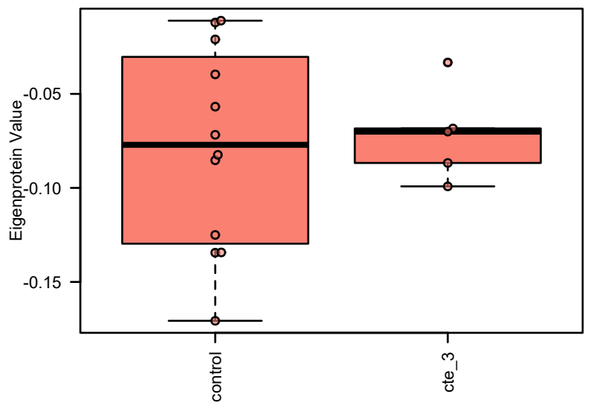

M13 salmon
1-way AOV p = 8.8e-10
Eigenprotein Value
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

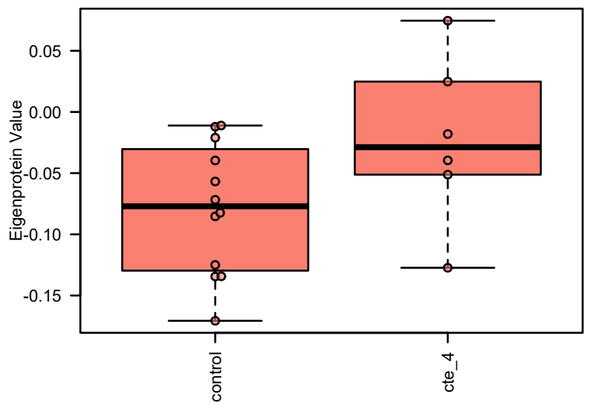

M13 salmon
T-test p = 0.0028
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

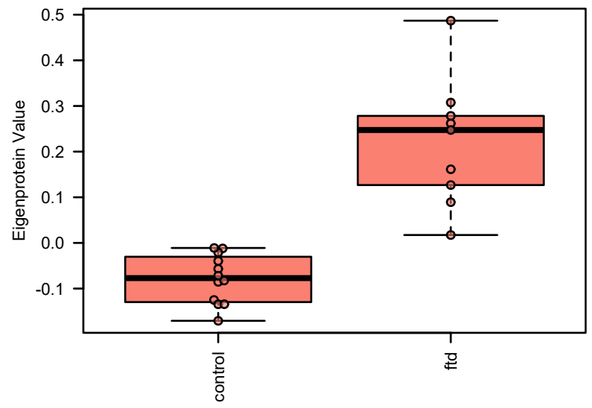

M13 salmon
T-test p = 0.0022
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

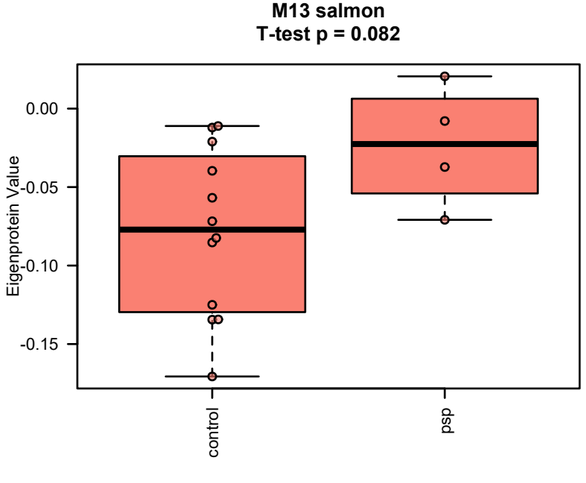

M13 salmon
T-test p = 0.24
Eigenprotein Value
-0.05
-0.10
-0.15
control
cte_1

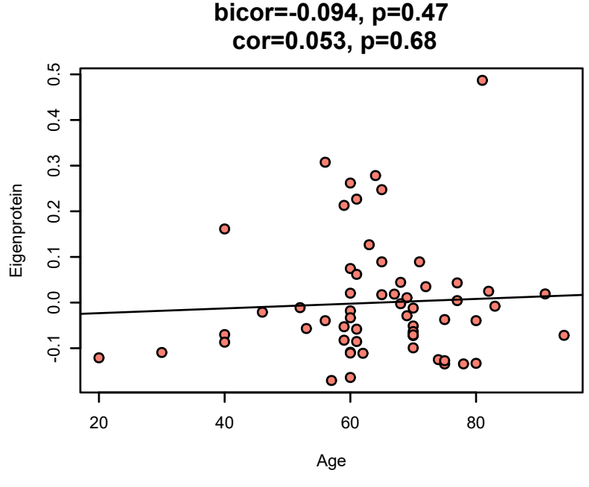

M13 salmon
T-test p = 0.43
Eigenprotein Value
-0.05
-0.10
-0.15
control
cte_2

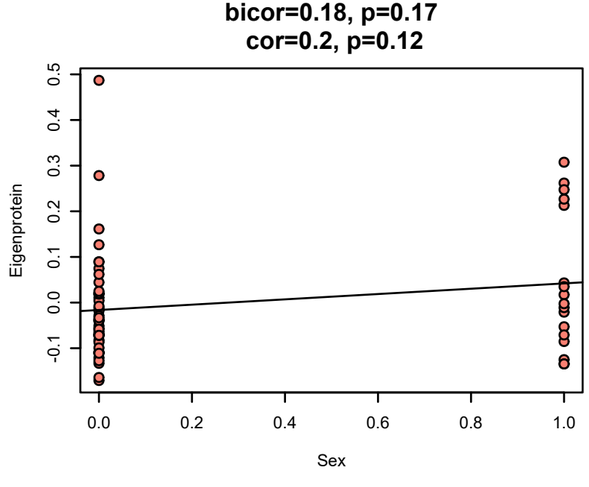

M13 salmon
T-test p = 0.78
Eigenprotein Value
-0.05
-0.10
-0.15
control
cte_3

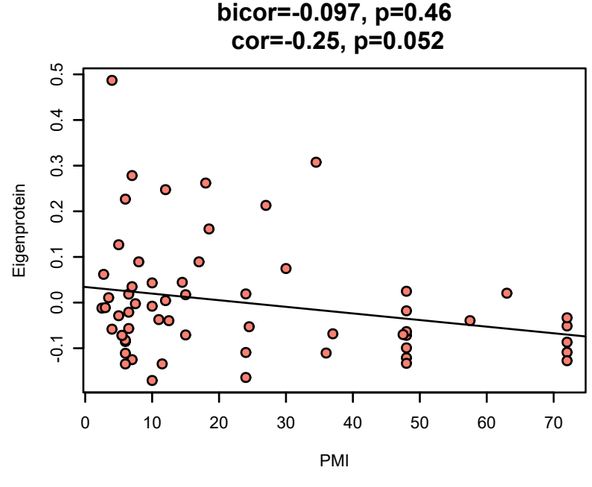

M13 salmon
T-test p = 0.075
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4


M13 salmon
T-test p = 1.6e-06
Eigenprotein Value
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

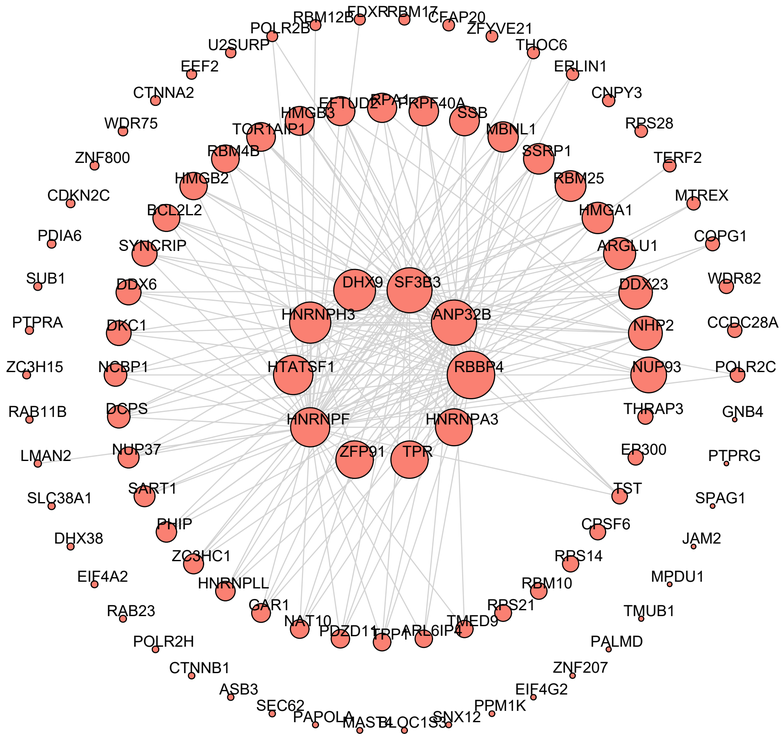

M13 salmon
T-test p = 0.082
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
control
psp


bicor=-0.094, p=0.47
cor=0.053, p=0.68
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
20
40
60
80
Age

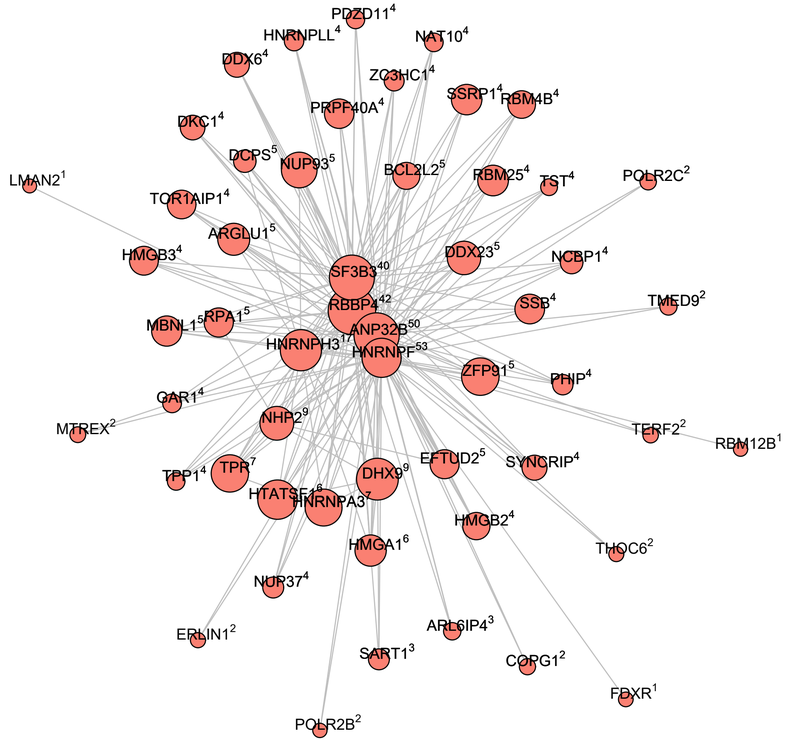

bicor=0.18, p=0.17
cor=0.2, p=0.12
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
0.0
0.2
0.4
0.6
0.8
1.0
Sex

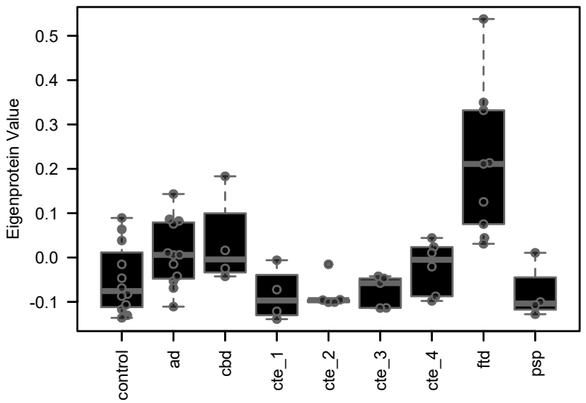

bicor=-0.097, p=0.46
cor=-0.25, p=0.052
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
0
10
20
30
40
50
60
70
PMI

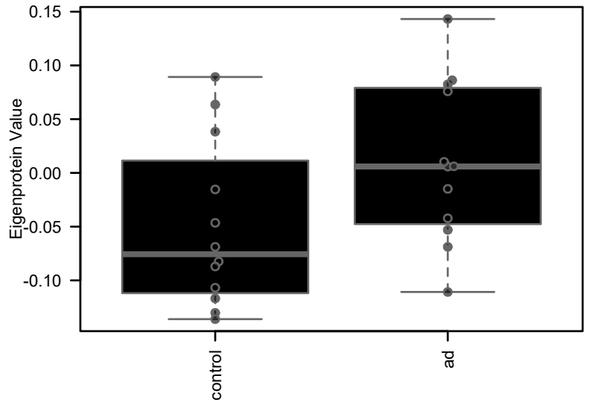
M13 salmon module

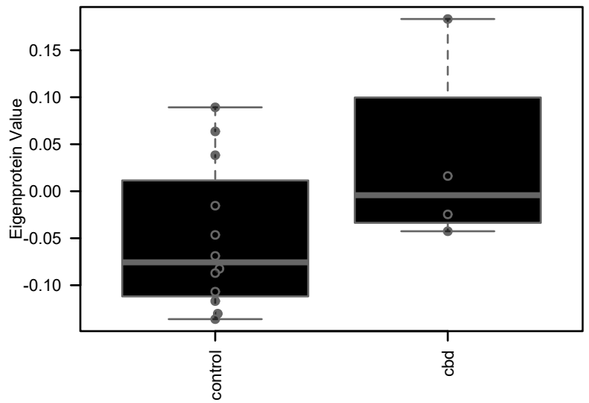


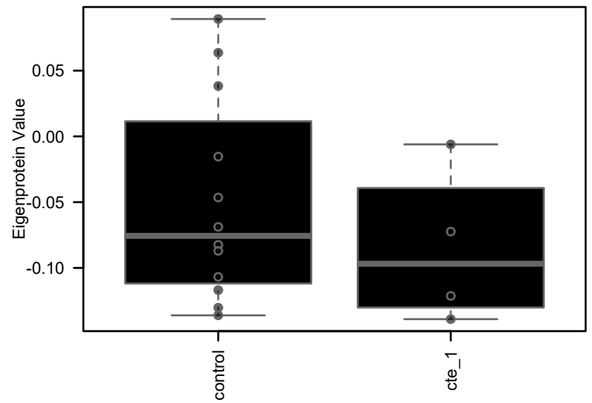
M13 salmon module hubs connected by top 400 TOM edges: HUB^{degree}

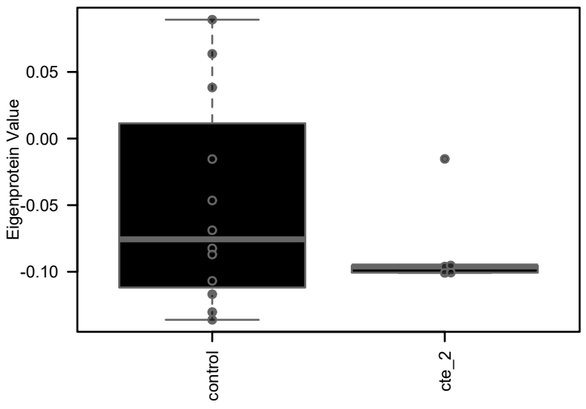


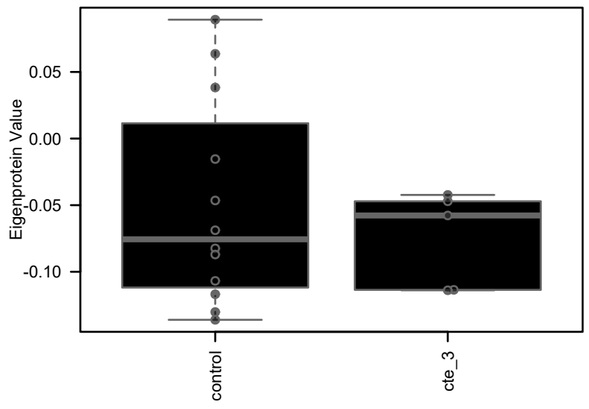

M7 black
1-way AOV p = 3e-07
Eigenprotein Value
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

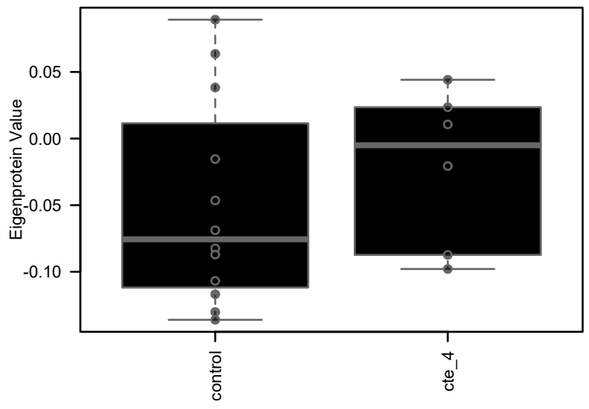

M7 black
T-test p = 0.066
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
ad

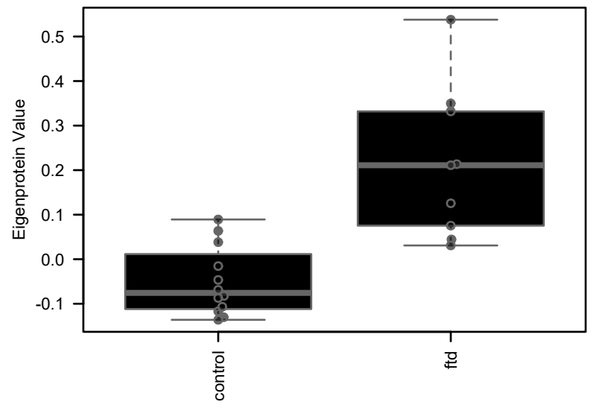

M7 black
T-test p = 0.11
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cbd

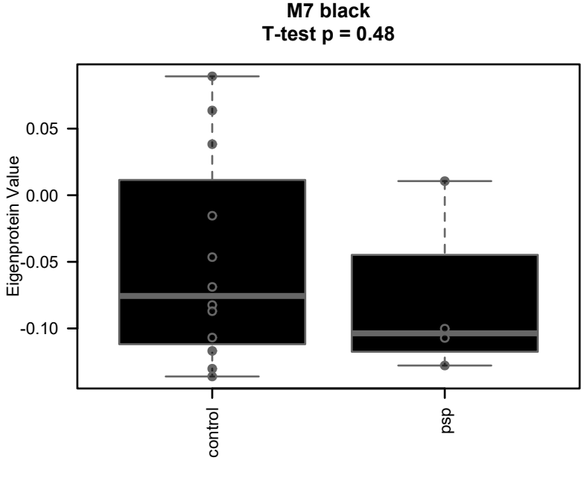

M7 black
T-test p = 0.43
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_1

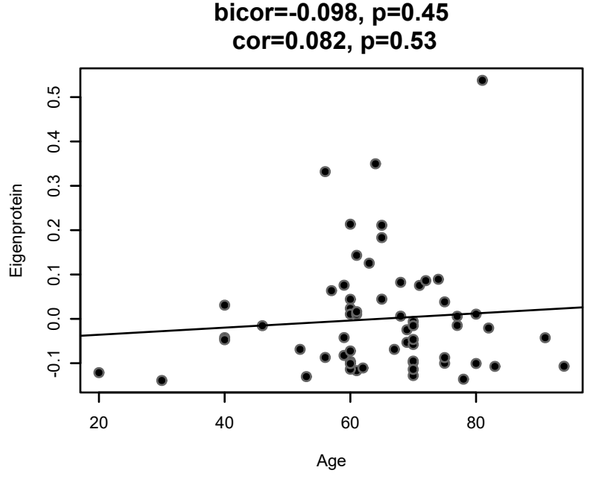

M7 black
T-test p = 0.4
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_2

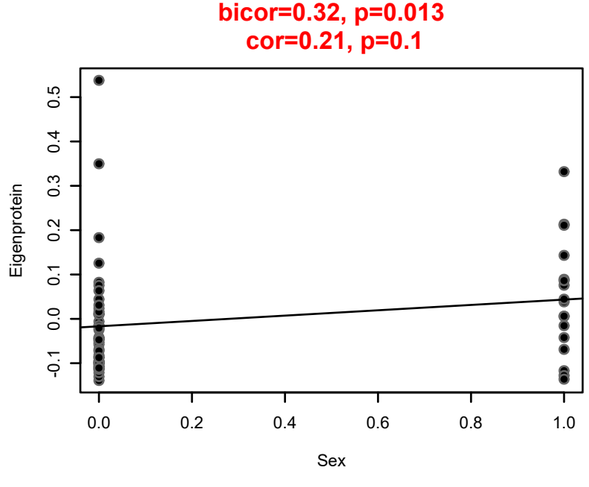

M7 black
T-test p = 0.5
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_3

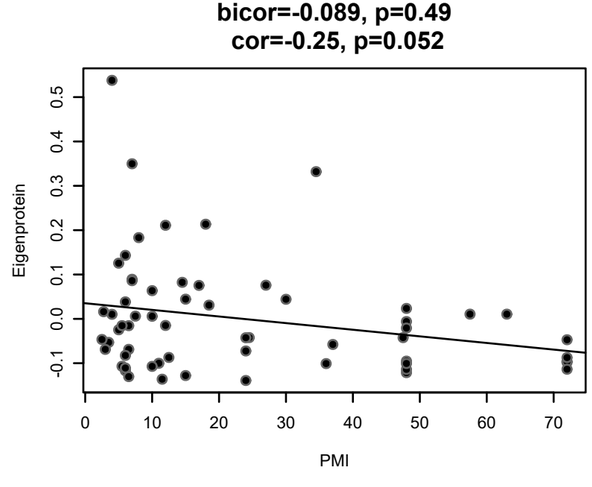

M7 black
T-test p = 0.44
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_4


M7 black
T-test p = 0.00012
Eigenprotein Value
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

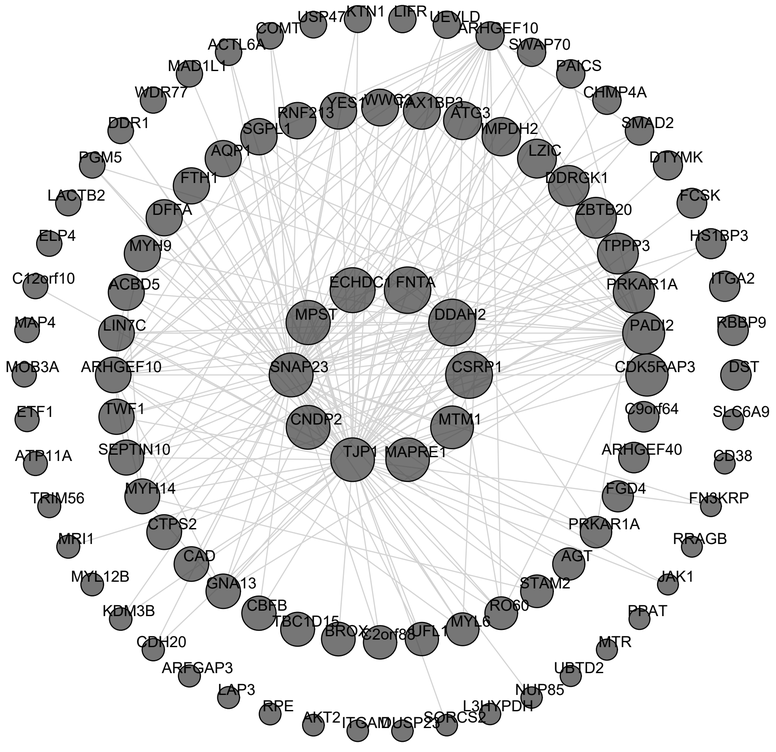

M7 black
T-test p = 0.48
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
psp


bicor=-0.098, p=0.45
cor=0.082, p=0.53
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
20
40
60
80
Age

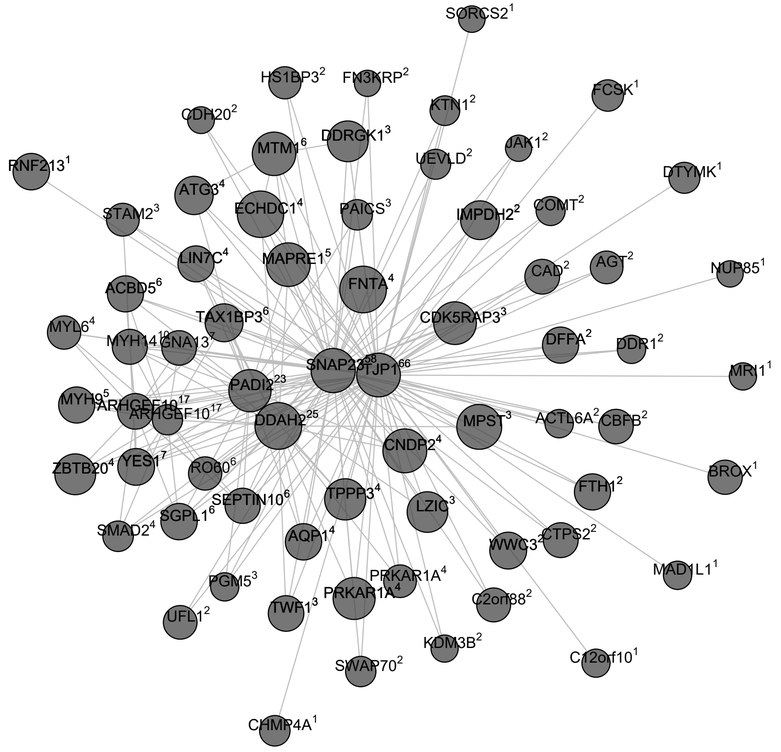

bicor=0.32, p=0.013
cor=0.21, p=0.1
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
0.0
0.2
0.4
0.6
0.8
1.0
Sex

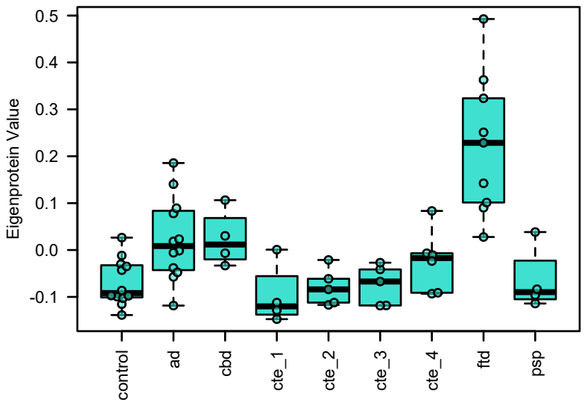

bicor=-0.089, p=0.49
cor=-0.25, p=0.052
Eigenprotein
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
0
10
20
30
40
50
60
70
PMI

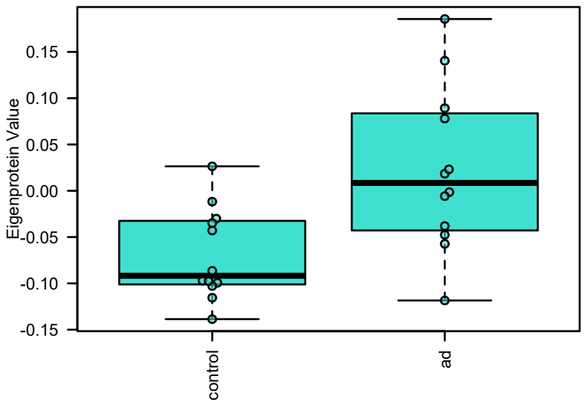
M7 black module

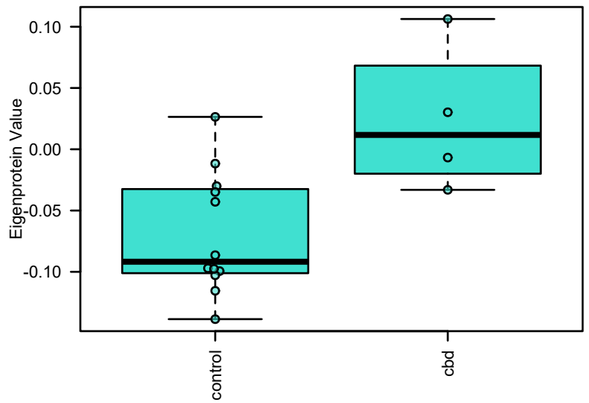


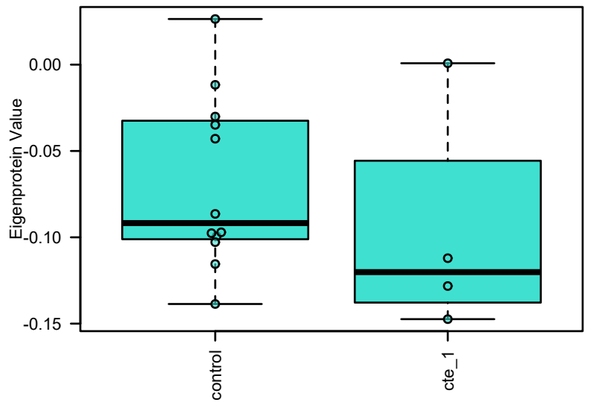
M7 black module hubs connected by top 400 TOM edges: HUB^{degree}

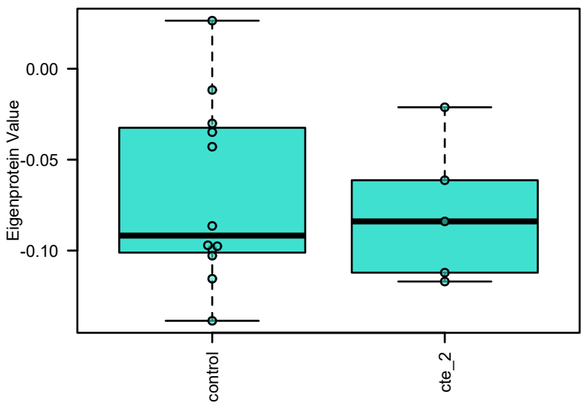


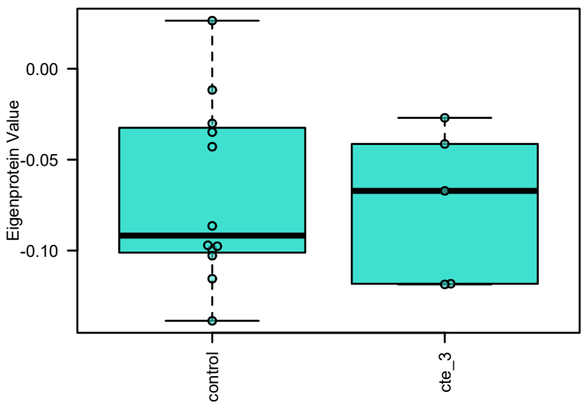

M1 turquoise
1-way AOV p = 4.1e-09
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

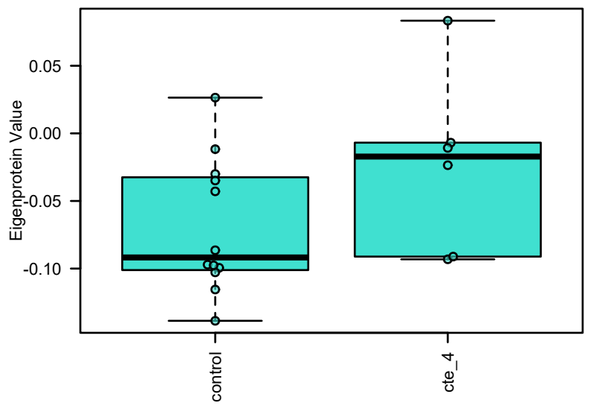

M1 turquoise
T-test p = 0.0046
Eigenprotein Value
control
ad

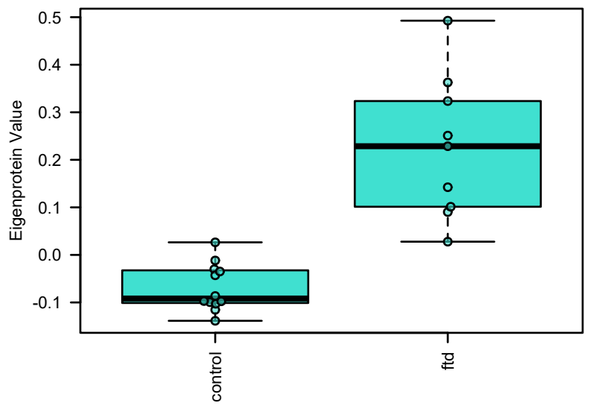

M1 turquoise
T-test p = 0.0076
Eigenprotein Value
control
cbd

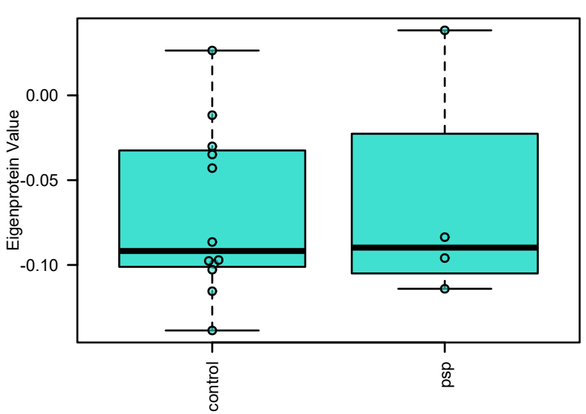

M1 turquoise
T-test p = 0.39
Eigenprotein Value
control
cte_1

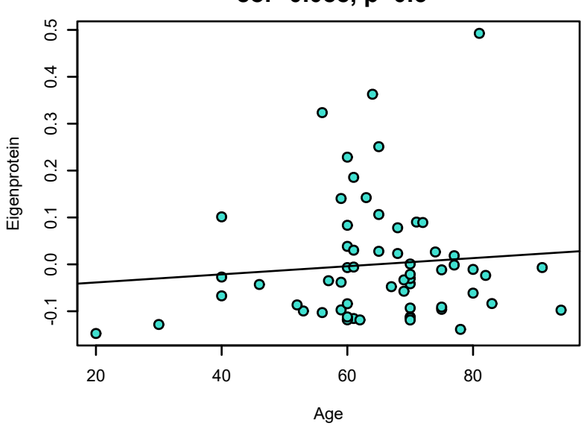

M1 turquoise
T-test p = 0.7
Eigenprotein Value
control
cte_2

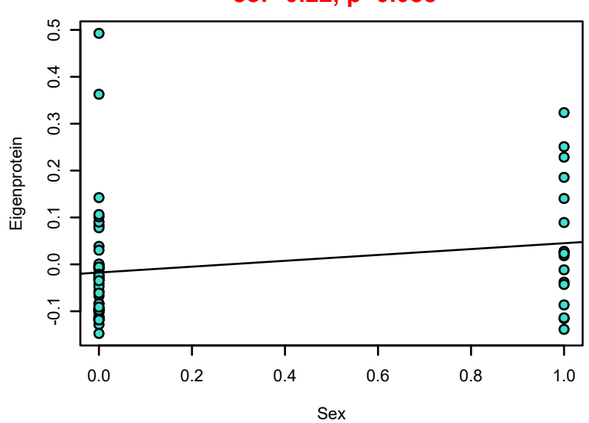

M1 turquoise
T-test p = 0.84
Eigenprotein Value
control
cte_3

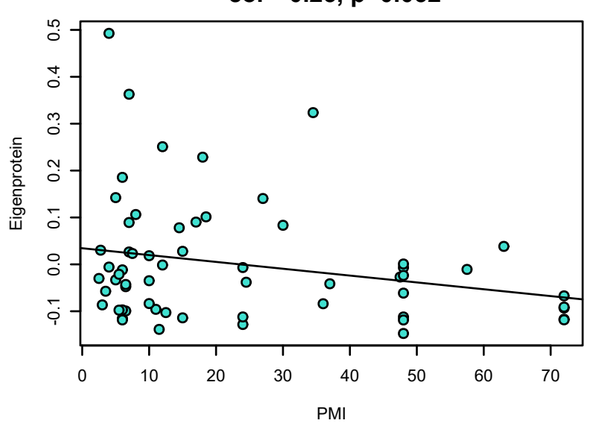

M1 turquoise
T-test p = 0.12
Eigenprotein Value
control
cte_4


M1 turquoise
T-test p = 4e-06
Eigenprotein Value
control
ftd

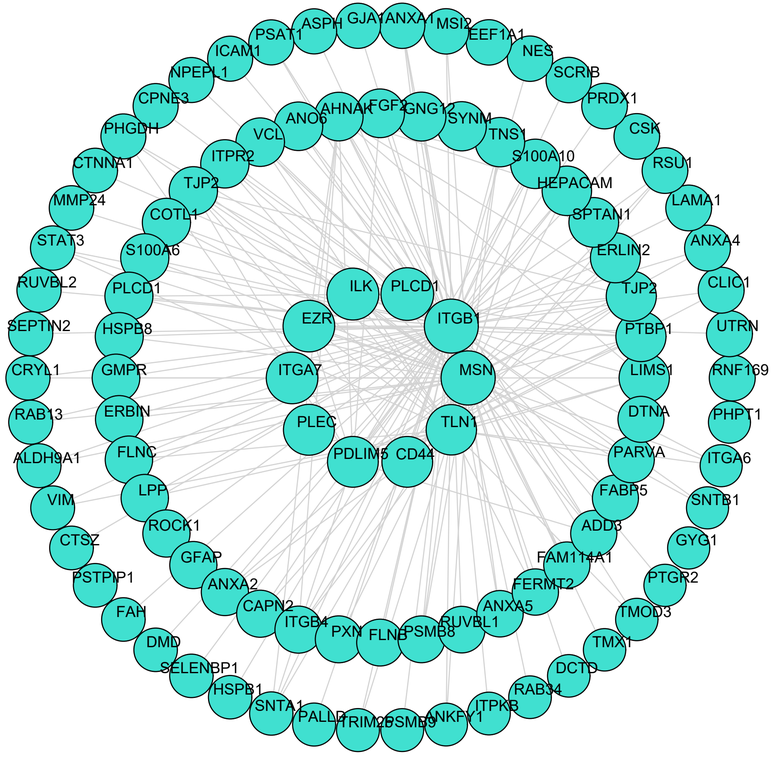

M1 turquoise
T-test p = 0.87
Eigenprotein Value
control
psp


bicor=-0.068, p=0.6
cor=0.088, p=0.5
Eigenprotein
Age

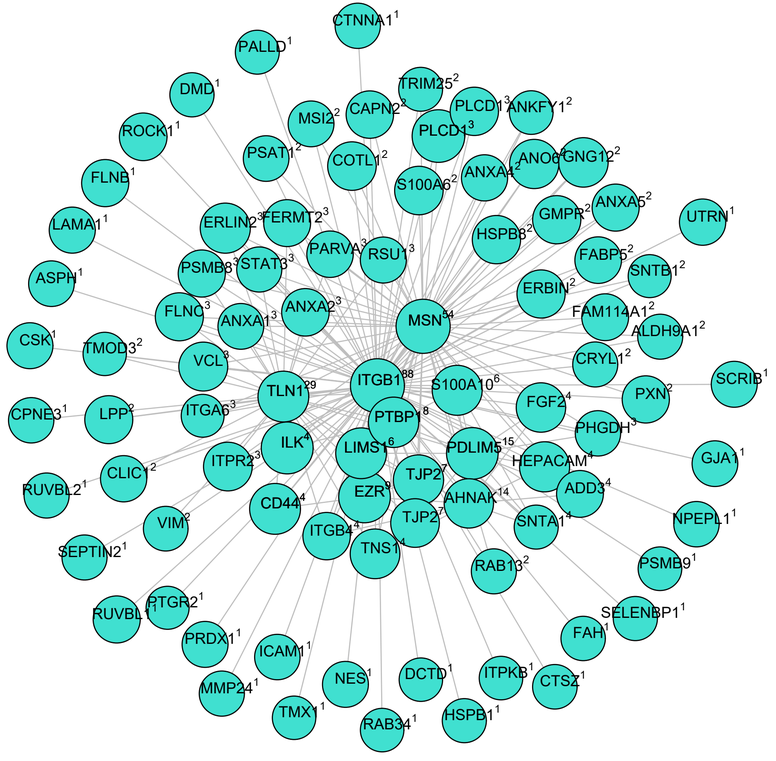

bicor=0.29, p=0.022
cor=0.22, p=0.088
Eigenprotein
Sex

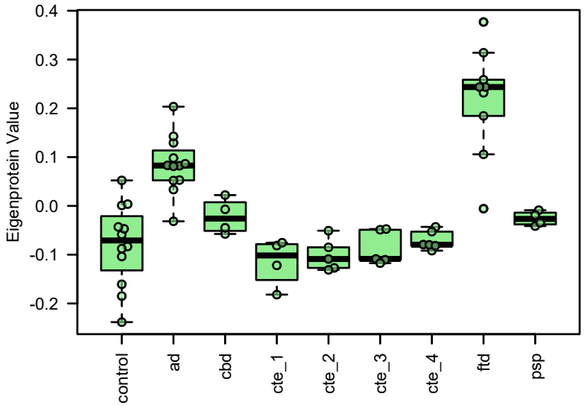

bicor=-0.026, p=0.85
cor=-0.25, p=0.052
Eigenprotein
PMI

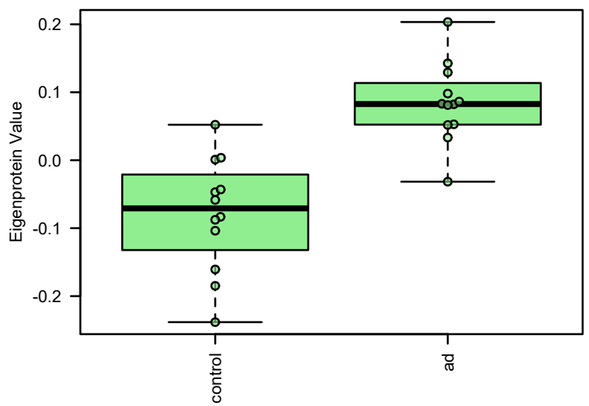
M1 turquoise module

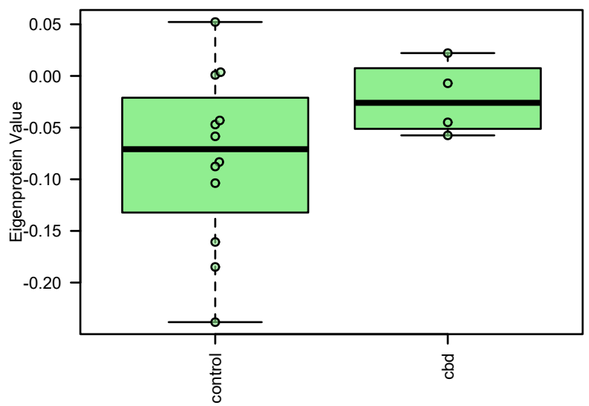


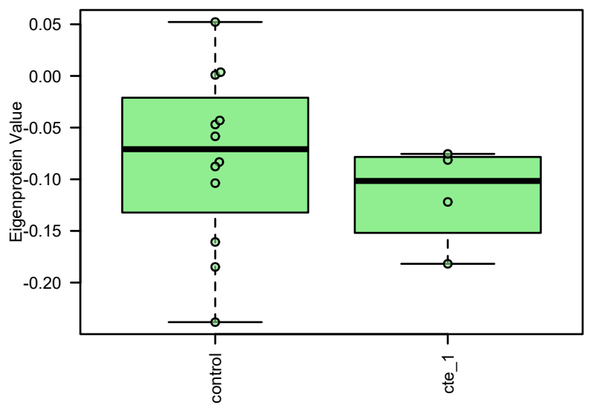
M1 turquoise module hubs connected by top 400 TOM edges: HUB^{degree}

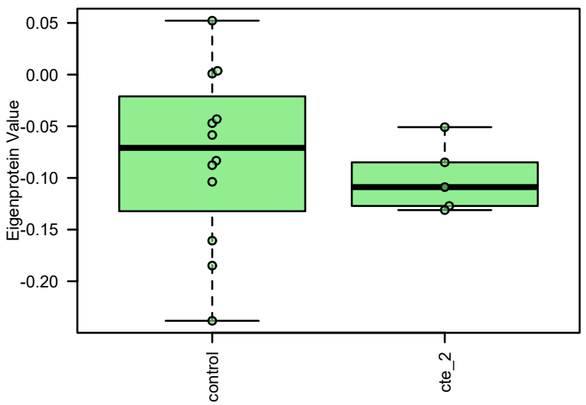


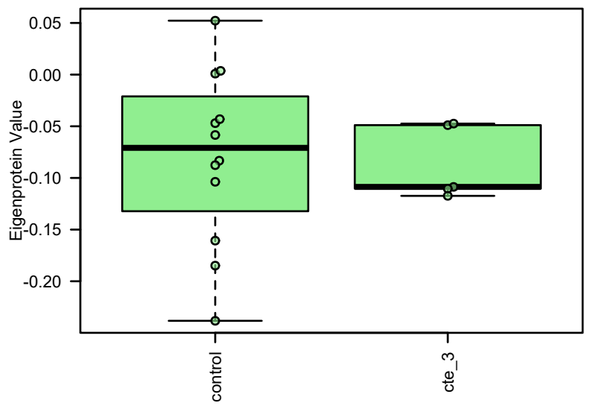

M18 lightgreen
1-way AOV p = 1.2e-13
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

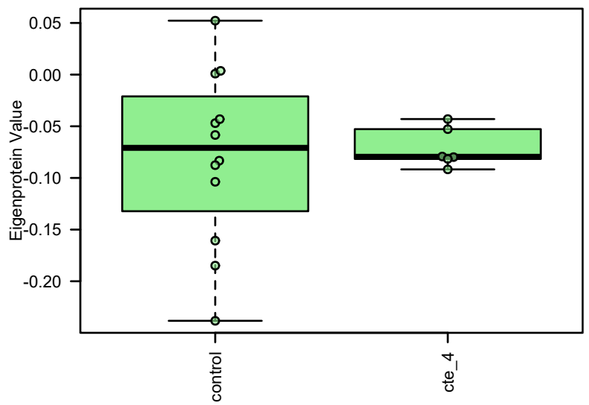

M18 lightgreen
T-test p = 1.4e-05
Eigenprotein Value
control
ad

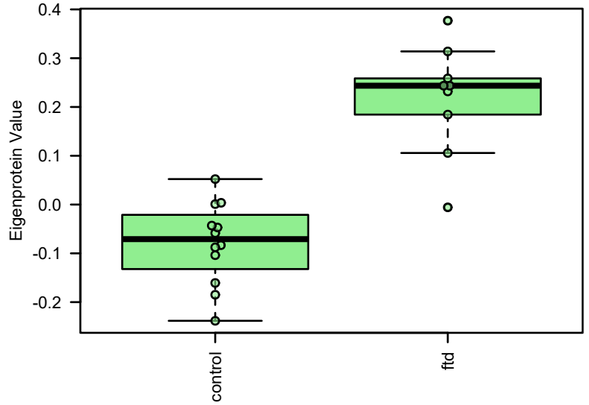

M18 lightgreen
T-test p = 0.21
Eigenprotein Value
control
cbd

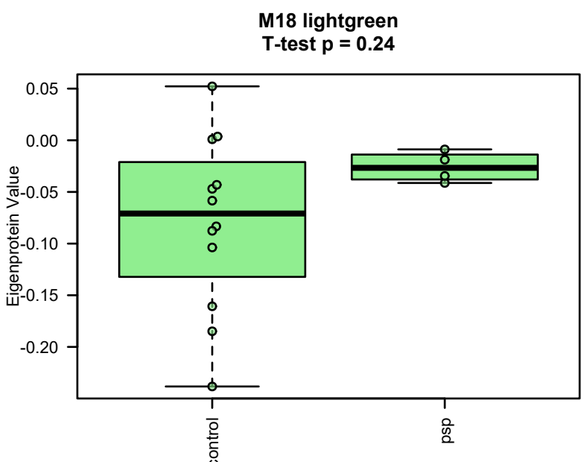

M18 lightgreen
T-test p = 0.44
Eigenprotein Value
control
cte_1

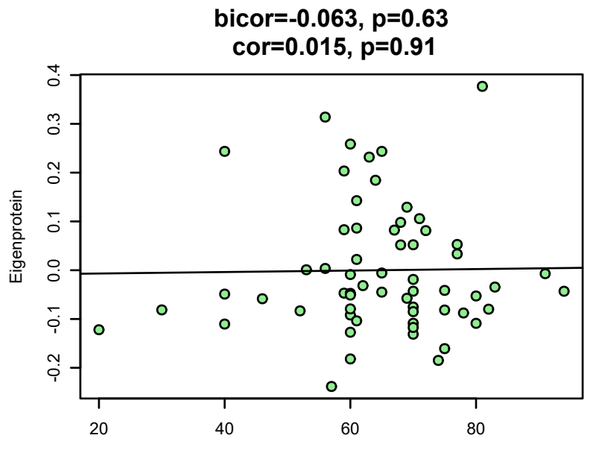

M18 lightgreen
T-test p = 0.59
Eigenprotein Value
control
cte_2

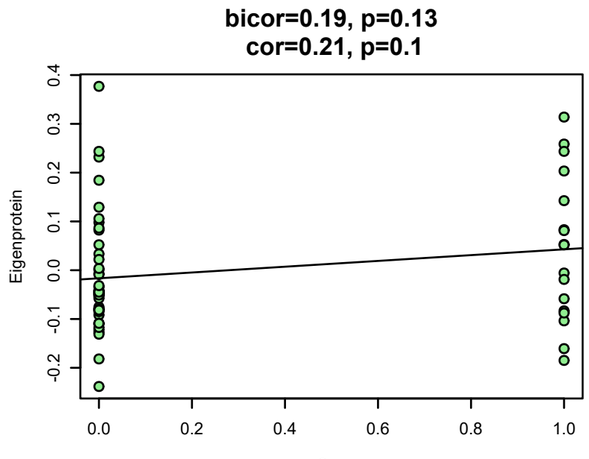

M18 lightgreen
T-test p = 0.85
Eigenprotein Value
control
cte_3

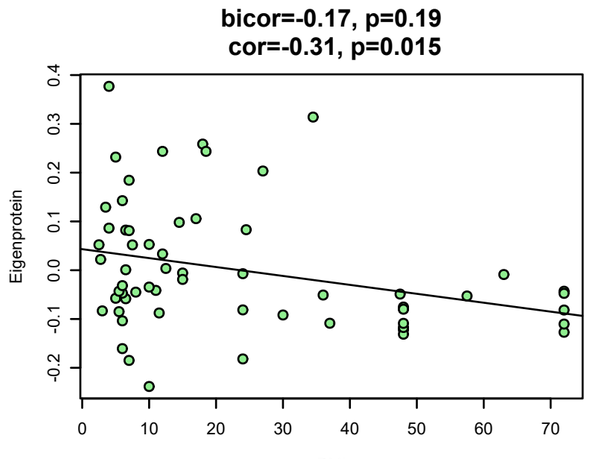

M18 lightgreen
T-test p = 0.83
Eigenprotein Value
control
cte_4

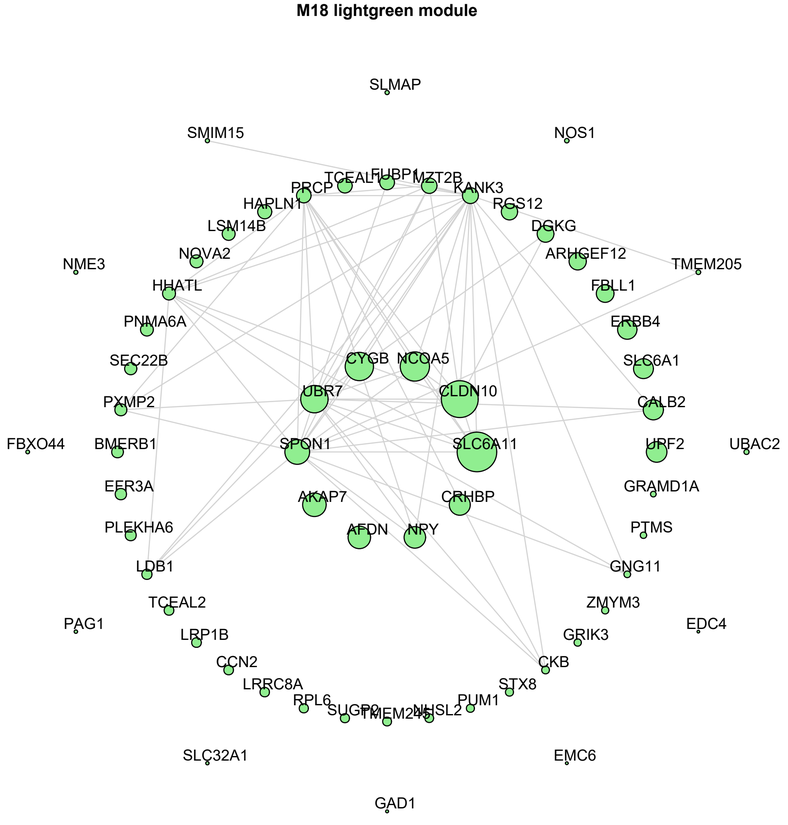

M18 lightgreen
T-test p = 1.3e-06
Eigenprotein Value
control
ftd

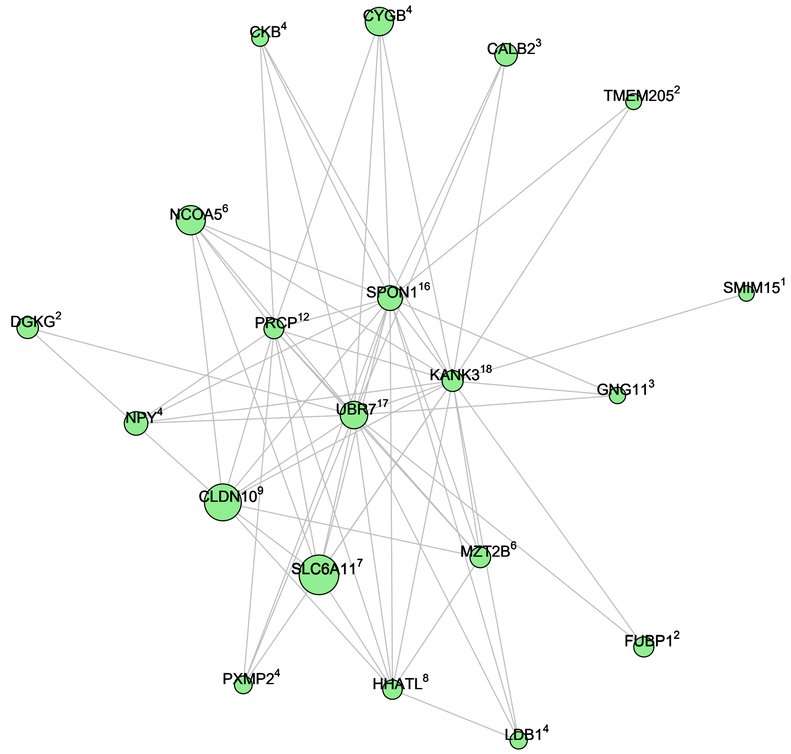

M18 lightgreen
T-test p = 0.24
Eigenprotein Value
control
psp

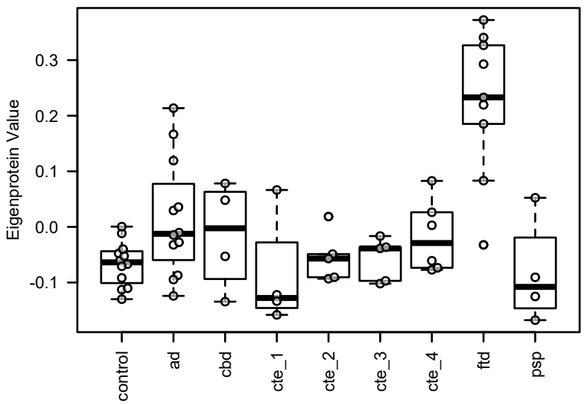

bicor=-0.063, p=0.63
cor=0.015, p=0.91
Eigenprotein
Age

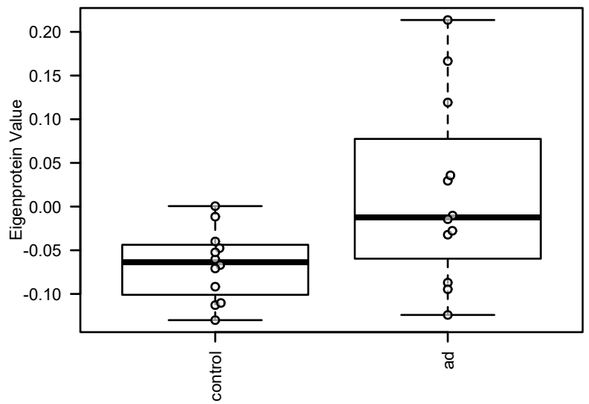

bicor=0.19, p=0.13
cor=0.21, p=0.1
Eigenprotein
Sex

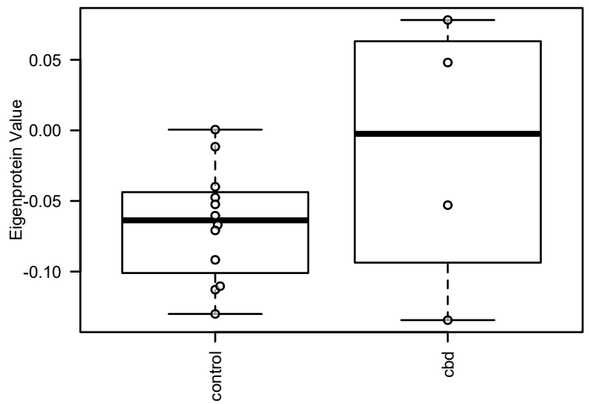

bicor=-0.17, p=0.19
cor=-0.31, p=0.015
Eigenprotein
PMI

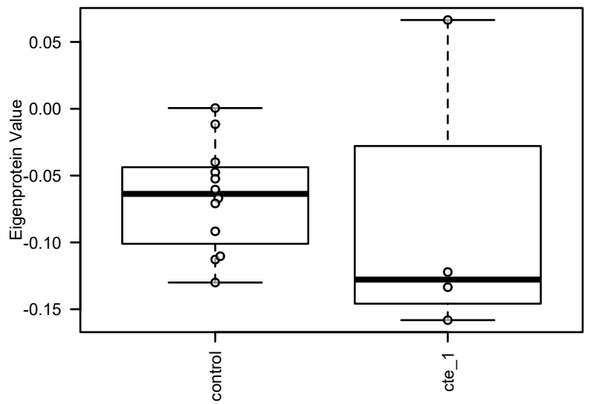

M18 lightgreen module
SLMAP
SMIM15
NOS1
TCEAL2
FUBP1
MZT2B
PRCP
KANK3
HAPLN1
RGS12
LSM14B
DGKG
NOVA2
ARHGEF12
NME3
TMEM205
HHATL
FBLL1
PNMA6A
ERBB4
SEC22B
CYGB
NCOA5
SLC6A1
UBR7
CLDN10
PXMP2
CALB2
FBXO44
BMERB1
SPON1
SLC6A11
URF2
UBAC2
EER3A
GRAMD1A
AKAP7
CRHBP
PLEKHA6
AFDN
NPY
PTMS
LDB1
GNG11
TCEAL2
ZMYM3
PAG1
EDC4
LRP1B
GRIK3
CCN2
CKB
LRRC8A
STX8
RPL6
PUM1
SUGP2
TMEM245
NHSL2
SLC32A1
EMC6
GAD1

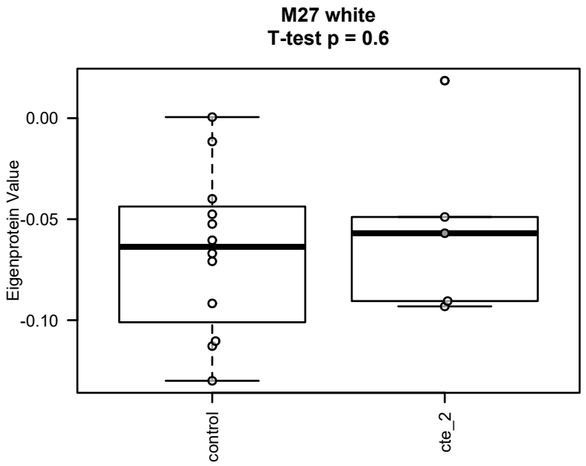

M18 lightgreen module hubs connected by top 132 TOM edges: HUB^degree
CKB^4
CYGB^4
CALB2^3
TMEM205^2
NCOA5^6
SMIM15^1
SPON1^16
DGKG^2
PRCP^12
KANK3^18
GNG11^3
UBR7^17
NPY^4
CLDN10^9
MZT2B^6
SLC6A11^7
FUBP1^2
PXMP2^4
HHATL^8
LDB1^4

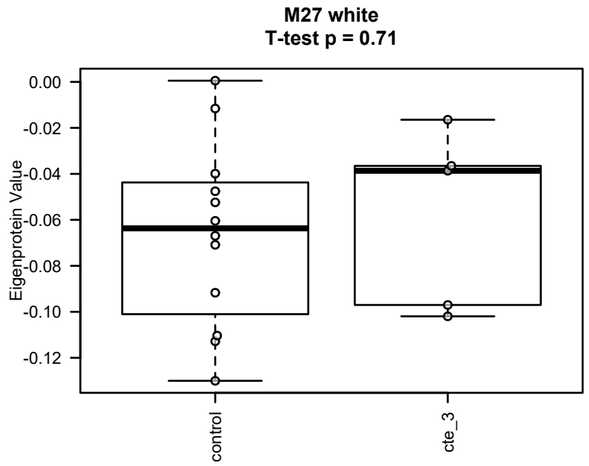

M27 white
1-way AOV p = 3.7e-08
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

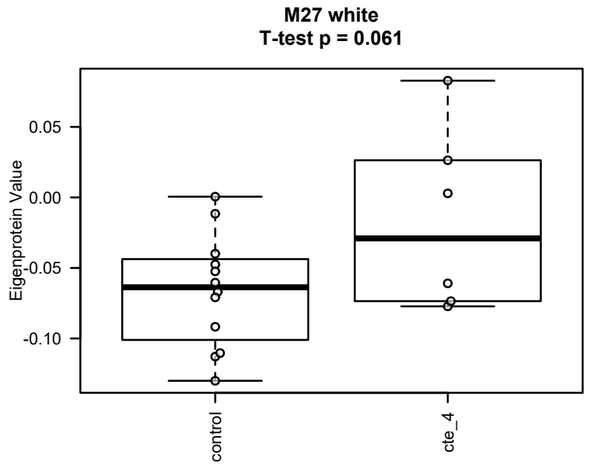

M27 white
T-test p = 0.021
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
ad

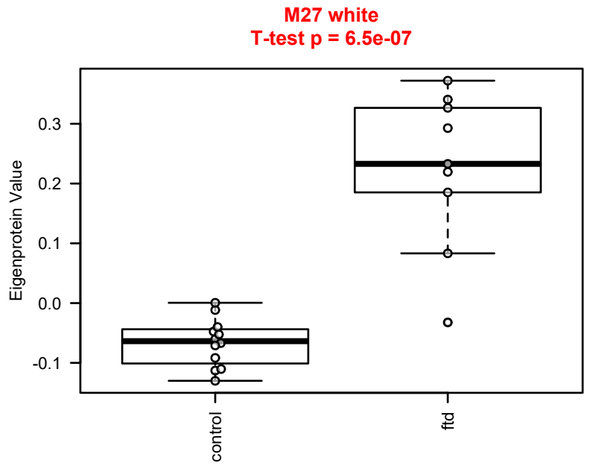

M27 white
T-test p = 0.15
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cbd

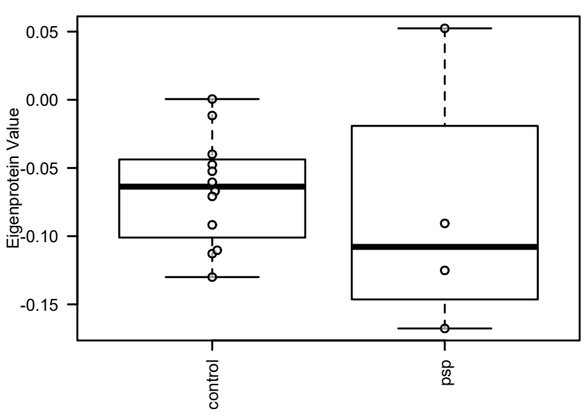

M27 white
T-test p = 0.56
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

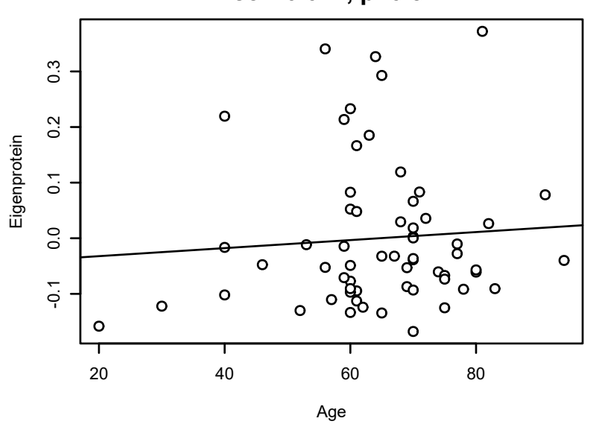

M27 white
T-test p = 0.6
Eigenprotein Value
0.00
-0.05
-0.10
control
cte_2

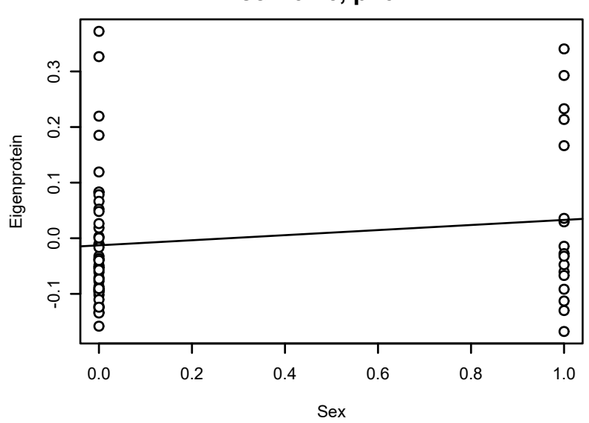

M27 white
T-test p = 0.71
Eigenprotein Value
0.00
-0.02
-0.04
-0.06
-0.08
-0.10
-0.12
control
cte_3

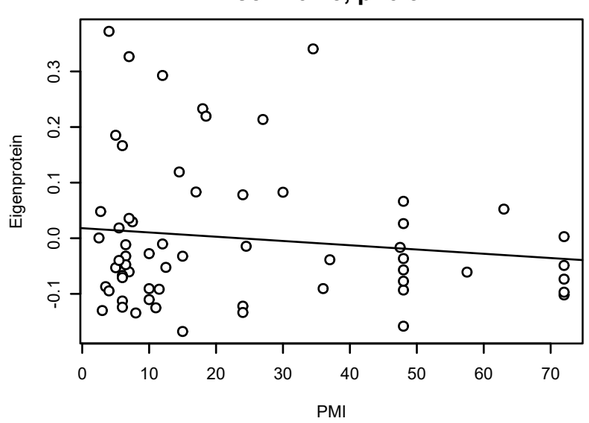

M27 white
T-test p = 0.061
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_4

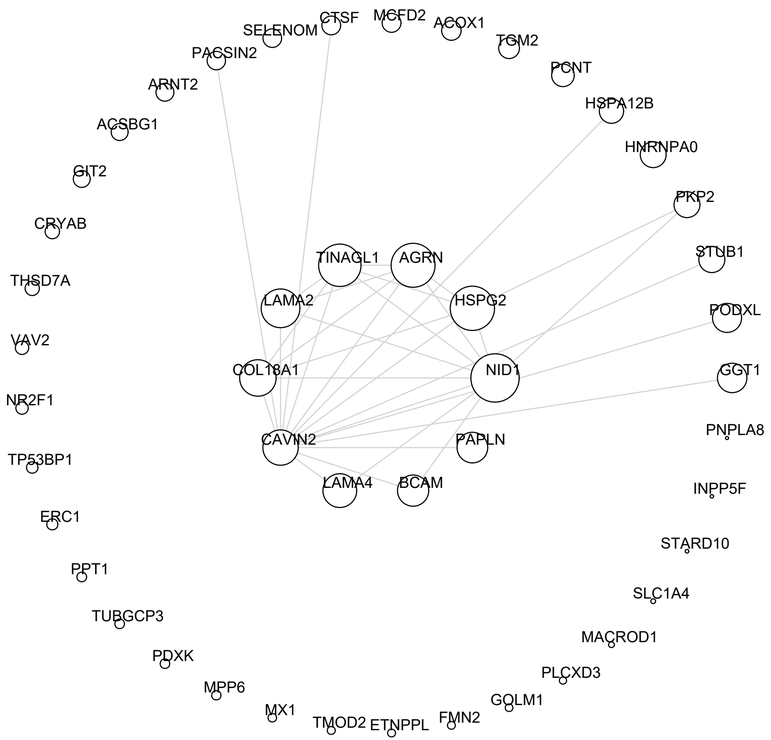

M27 white
T-test p = 6.5e-07
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

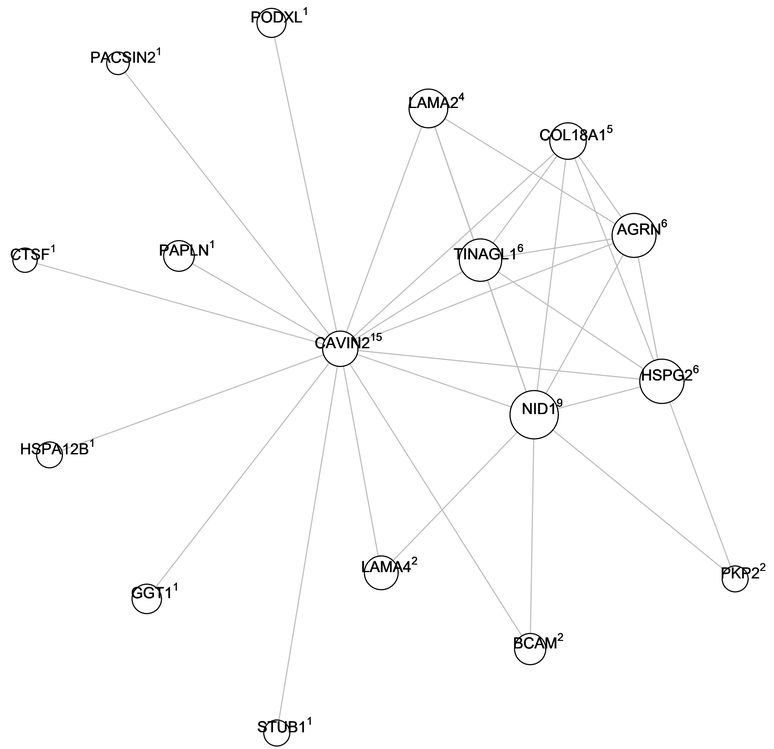

M27 white
T-test p = 0.62
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
psp

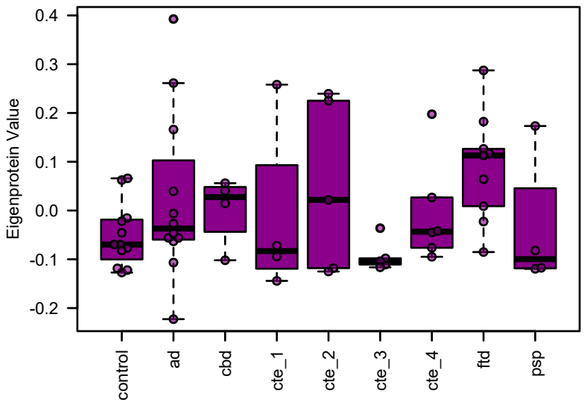

bicor=-0.0078, p=0.95
cor=0.074, p=0.57
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
20
40
60
80
Age

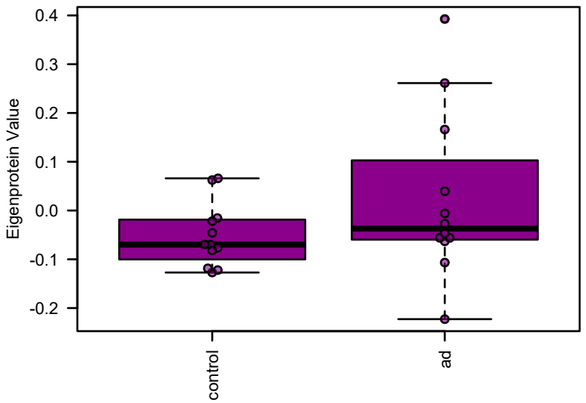

bicor=0.11, p=0.38
cor=0.16, p=0.22
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
0.0
0.2
0.4
0.6
0.8
1.0
Sex

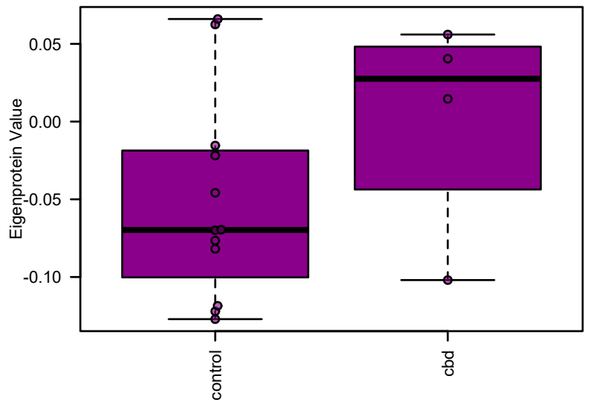

bicor=0.088, p=0.5
cor=-0.13, p=0.32
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
0
10
20
30
40
50
60
70
PMI

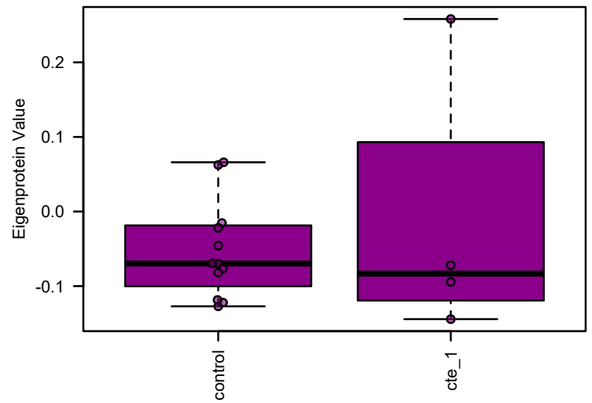

M27 white module
SELENOM
CTSF
MCFD2
ACOX1
TGM2
PACSIN2
PCNT
ARNT2
HSPA12B
ACSBG1
HNRNPA0
SIT2
PKP2
CRYAB
TINAGL1
AGRN
STUB1
THSD7A
LAMA2
HSPG2
PODXL
VAV2
COL18A1
NID1
GGT1
NR2F1
PNPLA8
CAVIN2
PAPLN
TP53BP1
LAMA4
BCAM
INPP5F
ERC1
STARD10
PPT1
SLC1A4
TUBGCP3
MACROD1
PDXK
PLCXD3
MPP6
GOLM1
MX1
TMOD2
ETNPPL
FMN2

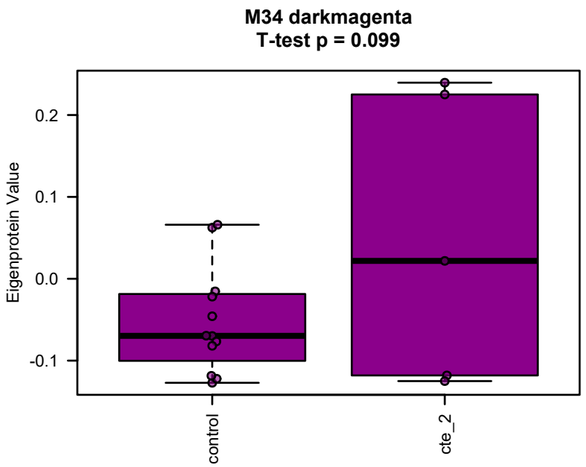

M27 white module hubs connected by top 64 TOM edges: HUB^degree
PODXL^1
PACSIN2^1
LAMA2^4
COL18A1^5
AGRN^6
CTSF^1
PAPLN^1
TINAGL1^6
CAVIN2^15
HSPG2^6
NID1^9
HSPA12B^1
LAMA4^2
PKP2^2
GGT1^1
BCAM^2
STUB1^1

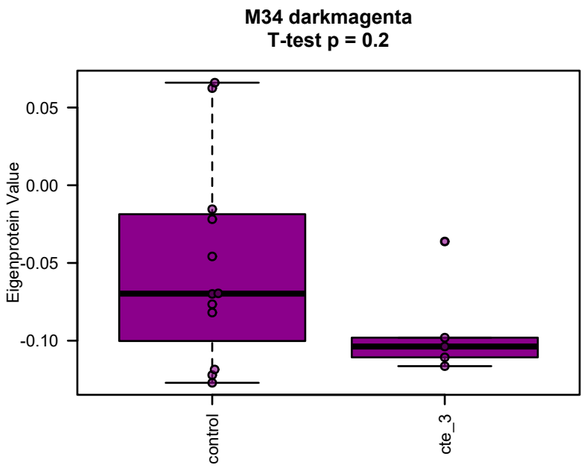

M34 darkmagenta
1-way AOV p = 0.25
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

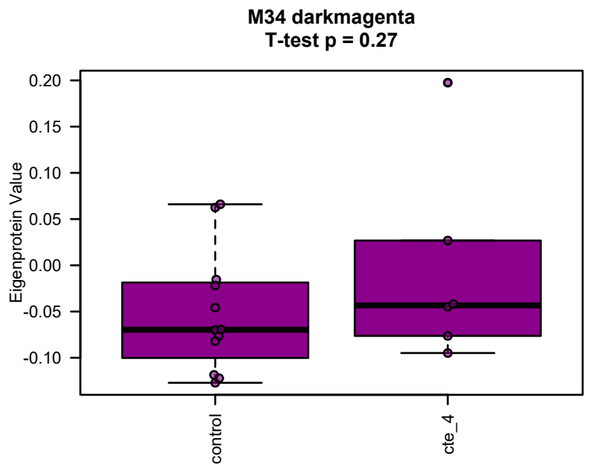

M34 darkmagenta
T-test p = 0.17
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad

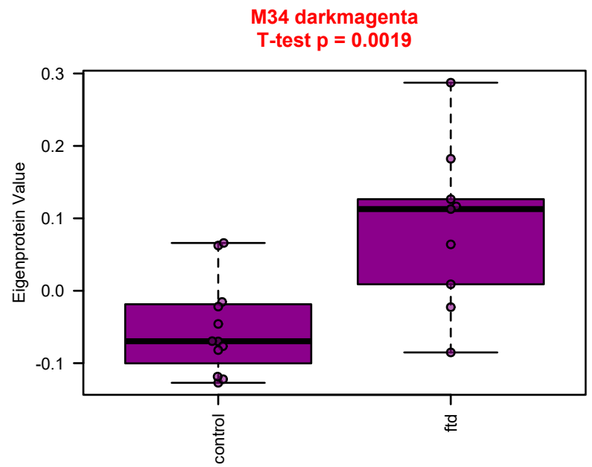

M34 darkmagenta
T-test p = 0.18
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cbd

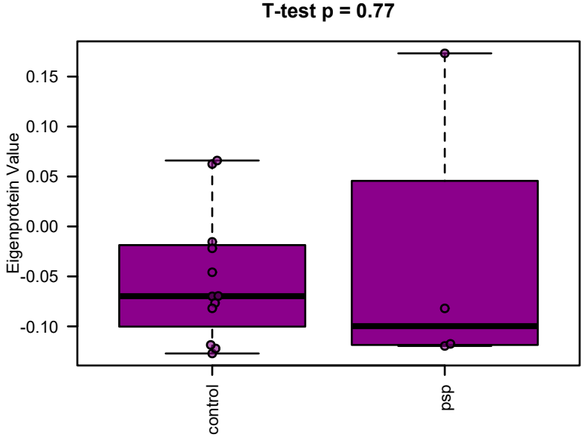

M34 darkmagenta
T-test p = 0.53
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

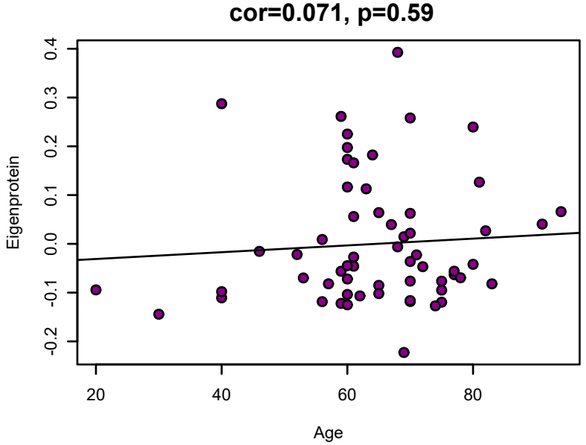

M34 darkmagenta
T-test p = 0.099
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

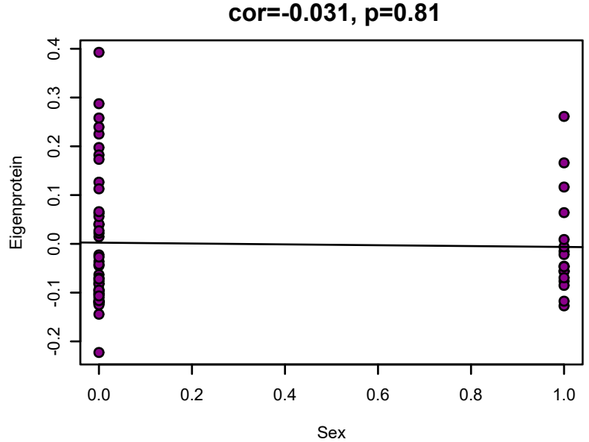

M34 darkmagenta
T-test p = 0.2
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_3

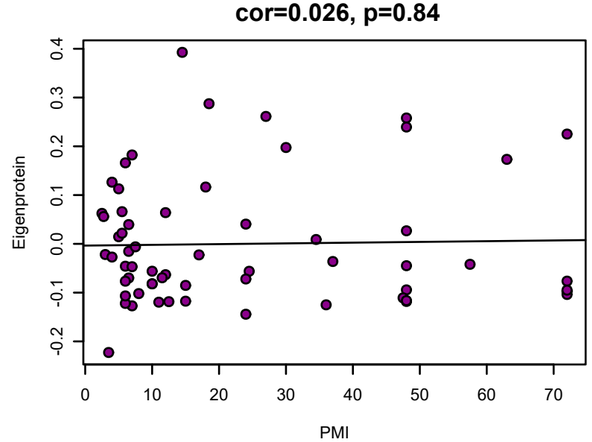

M34 darkmagenta
T-test p = 0.27
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_4

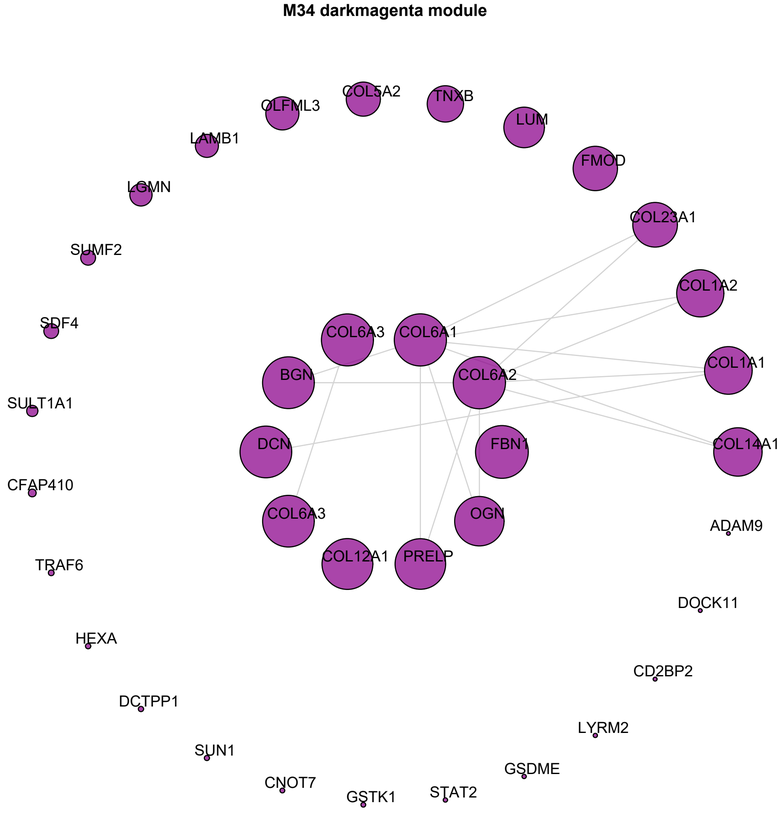

M34 darkmagenta
T-test p = 0.0019
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

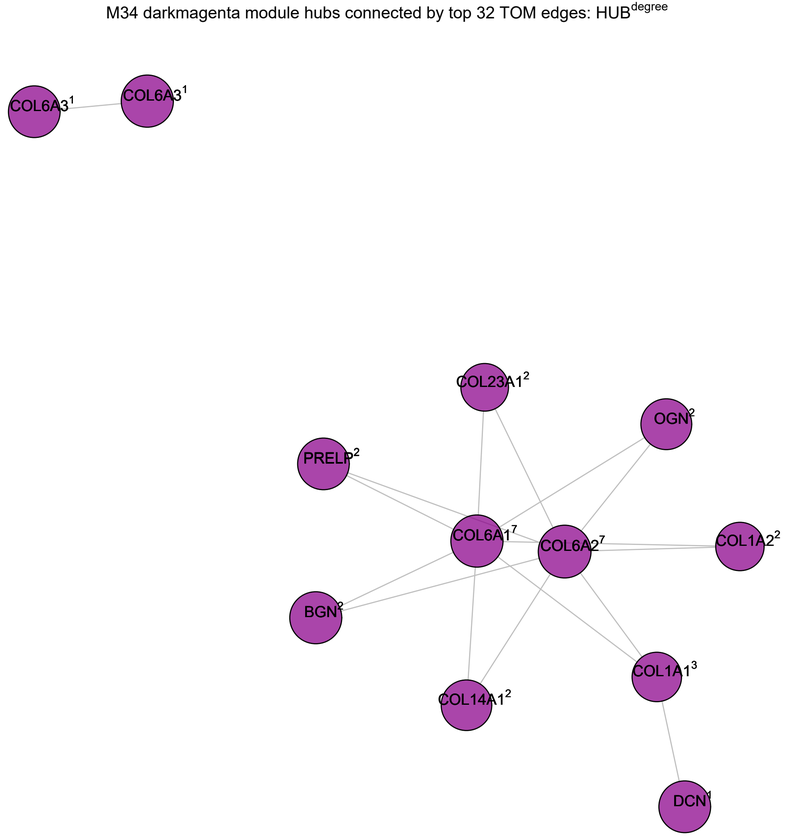

M34 darkmagenta
T-test p = 0.77
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
psp

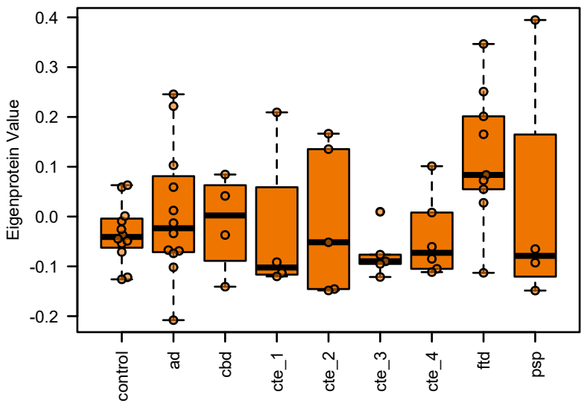

bicor=0.0071, p=0.96
cor=0.071, p=0.59
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

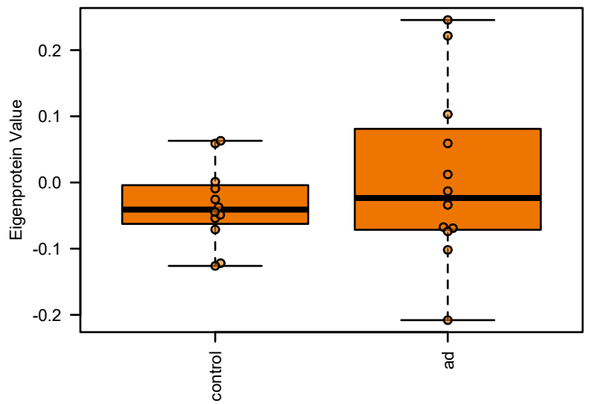

bicor=0.015, p=0.91
cor=-0.031, p=0.81
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

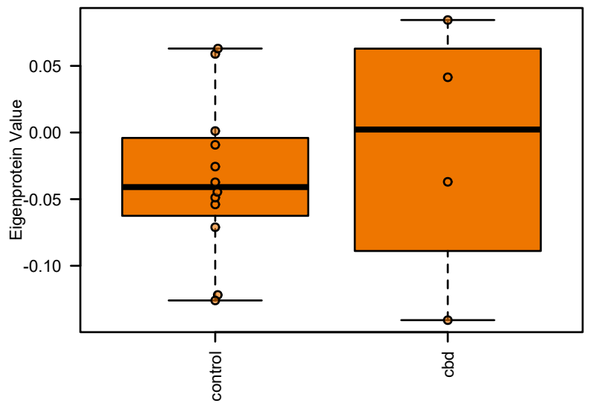

bicor=0.087, p=0.5
cor=0.026, p=0.84
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

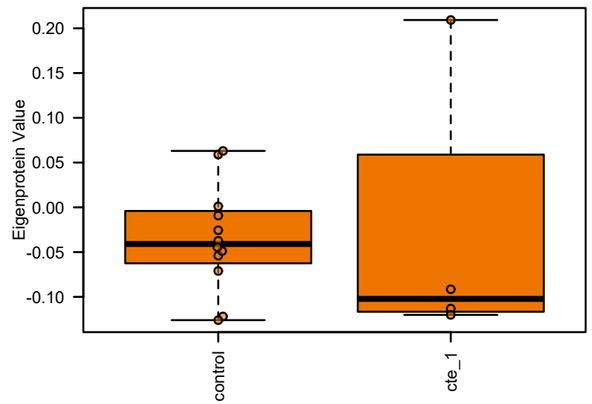

M34 darkmagenta module
COL5A2
TNXB
OLFML3
LUM
LAMB1
FMOD
LGMN
COL23A1
SUMF2
COL1A2
SDF4
COL6A3
COL6A1
COL1A1
BGN
COL6A2
SULT1A1
DCN
FBN1
COL14A1
CFAP410
COL6A3
OGN
ADAM9
TRAF6
COL12A1
PRELP
DOCK11
HEXA
CD2BP2
DCTPP1
LYRM2
SUN1
GSDME
CNOT7
GSTK1
STAT2

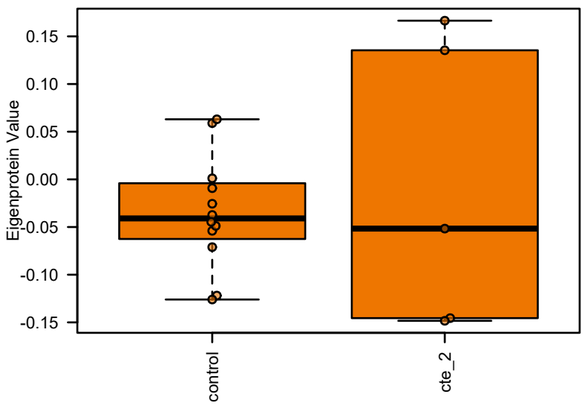

M34 darkmagenta module hubs connected by top 32 TOM edges: HUB degree
COL6A3 1
COL6A3 1
COL23A1 2
OGN 2
PRELP 2
COL6A1 7
COL6A2 7
COL1A2 2
BGN 2
COL1A1 3
COL14A1 2
DCN 1

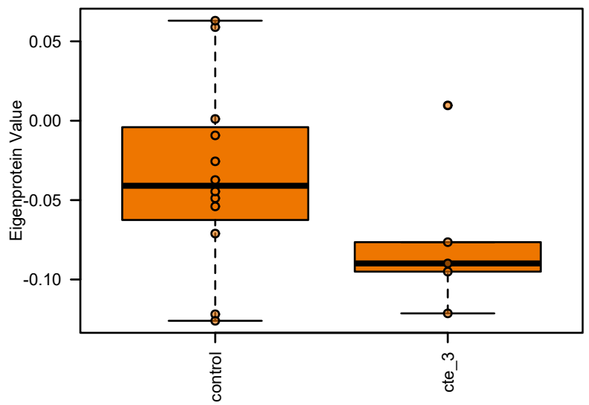

M45 darkorange2
1-way AOV p = 0.17
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

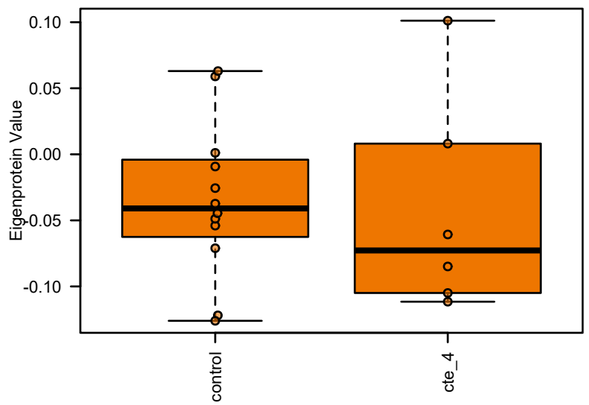

M45 darkorange2
T-test p = 0.34
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

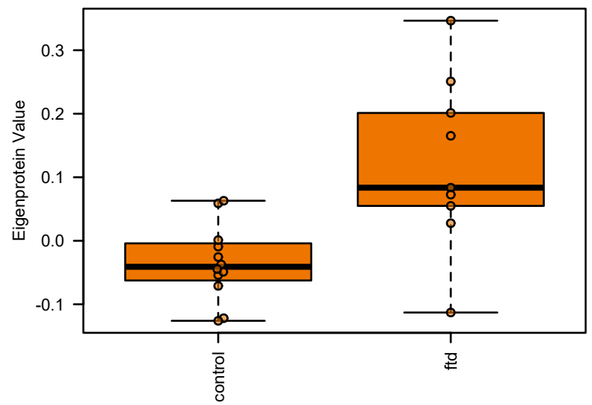

M45 darkorange2
T-test p = 0.6
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cbd

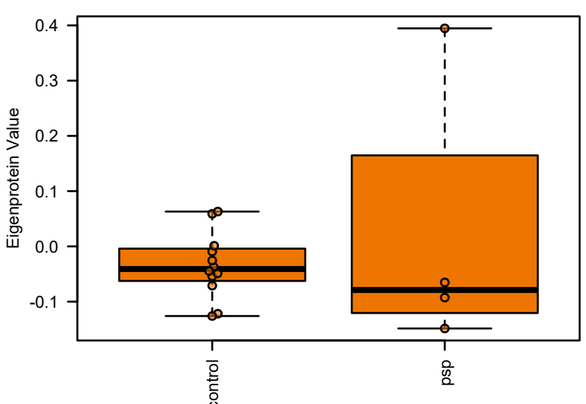

M45 darkorange2
T-test p = 0.91
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_1

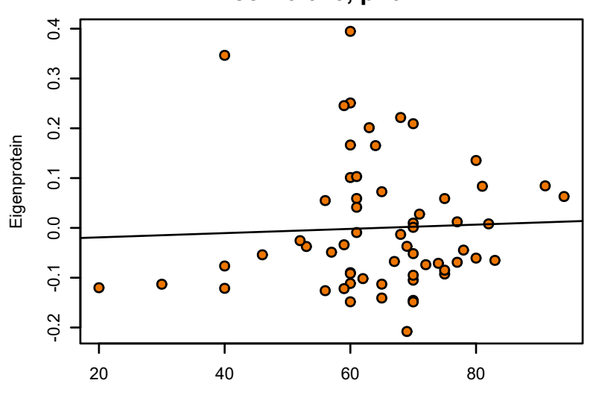

M45 darkorange2
T-test p = 0.61
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

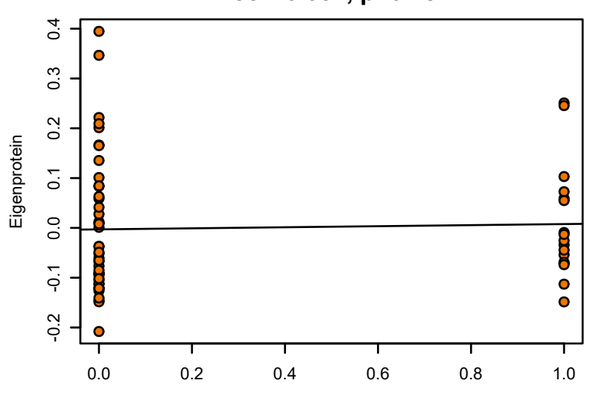

M45 darkorange2
T-test p = 0.2
Eigenprotein Value
0.05
0.00
-0.05
-0.10
control
cte_3

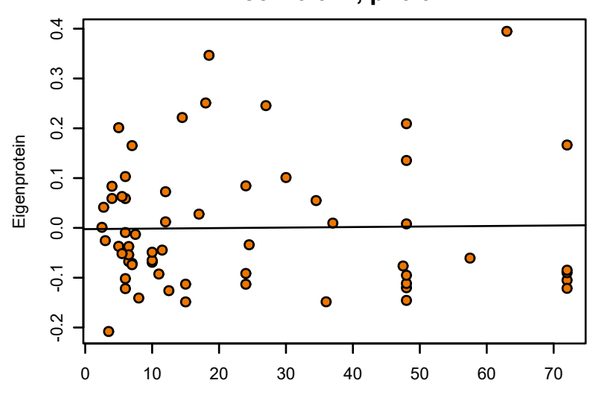

M45 darkorange2
T-test p = 0.83
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
control
cte_4

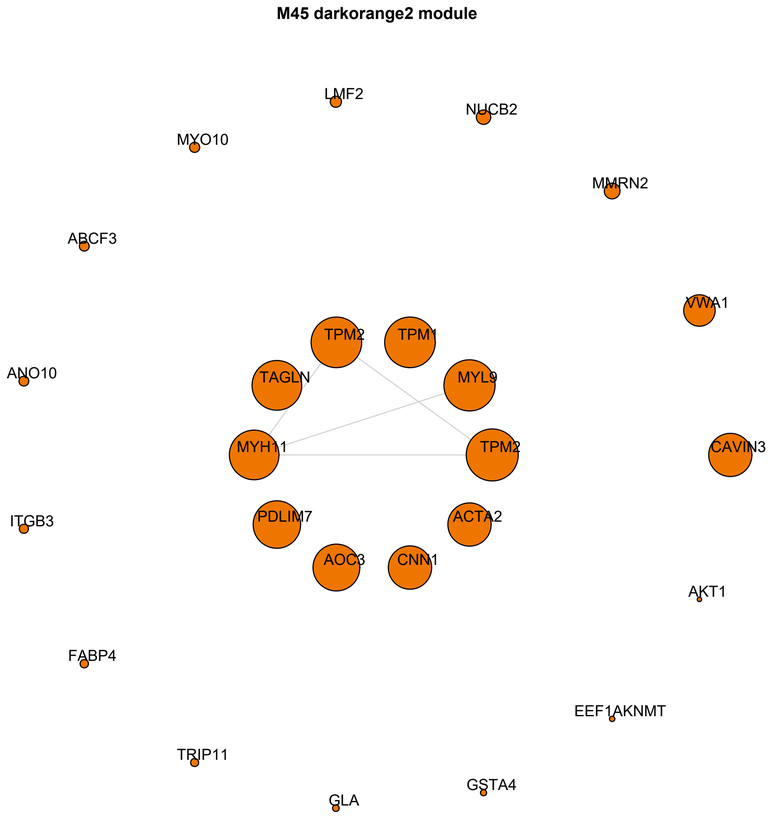

M45 darkorange2
T-test p = 0.002
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

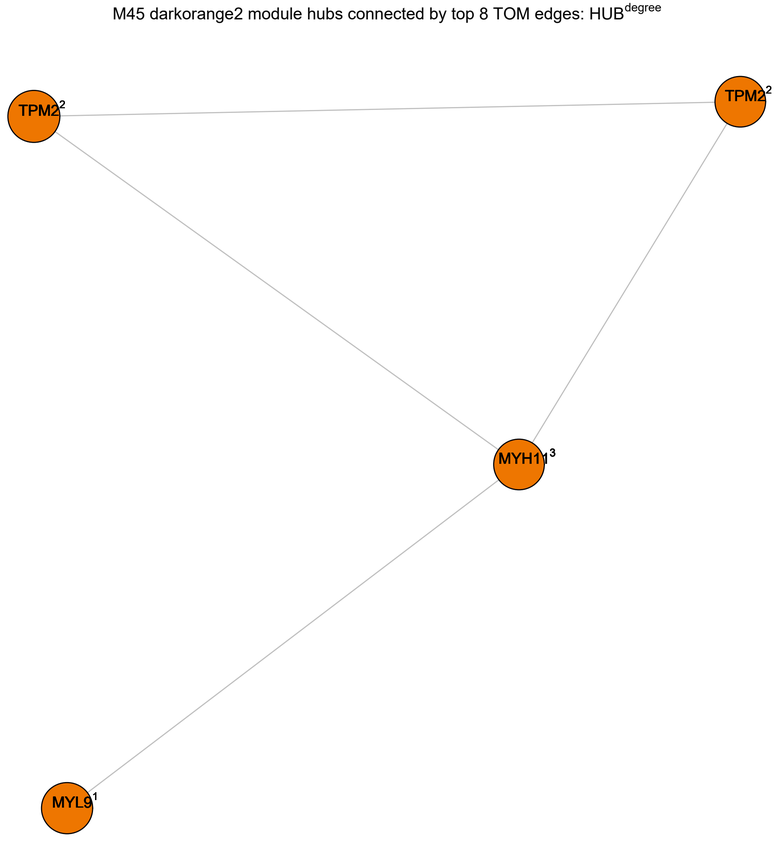

M45 darkorange2
T-test p = 0.45
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
psp

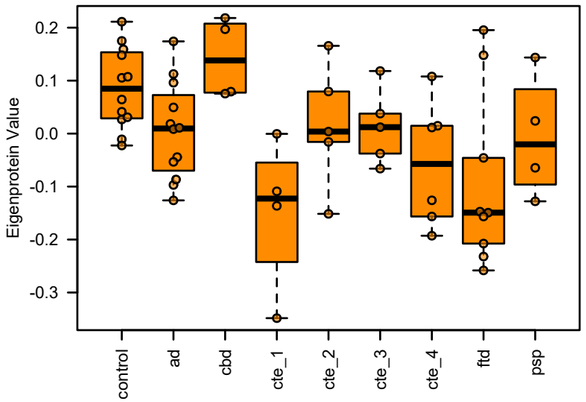

bicor=0.015, p=0.91
cor=0.043, p=0.74
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

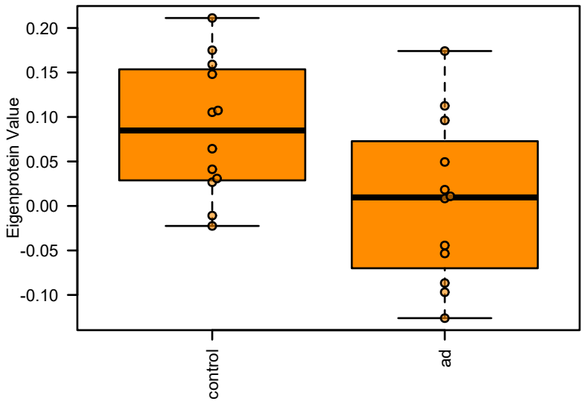

bicor=0.072, p=0.58
cor=0.037, p=0.78
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

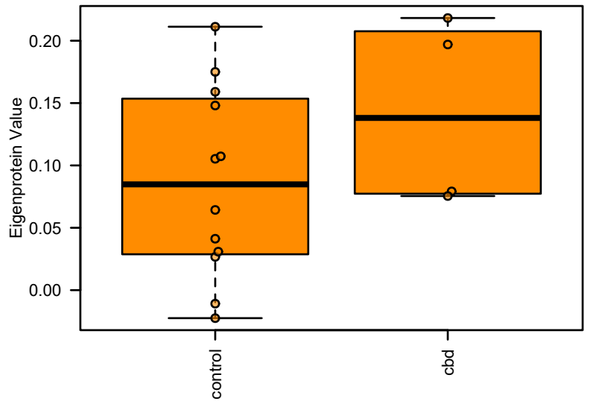

bicor=0.081, p=0.53
cor=0.017, p=0.9
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

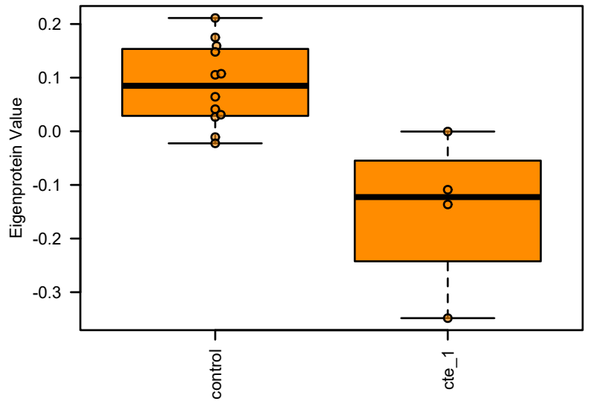

M45 darkorange2 module
LMF2
NUCB2
MXO10
MMRN2
ABCF3
VWA1
TPM2
TPM1
ANO10
TAGLN
MYL9
MYH11
TPM2
CAVIN3
ITGB3
PDLIM7
ACTA2
AOC3
CNN1
AKT1
FABP4
EEF1AKNMT
TRIP11
GSTA4
GLA

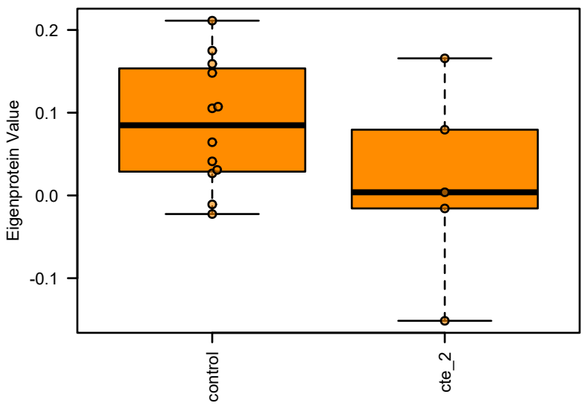

M45 darkorange2 module hubs connected by top 8 TOM edges: HUB degree
TPM2 2
TPM2 2
MYH11 3
MYL9 1

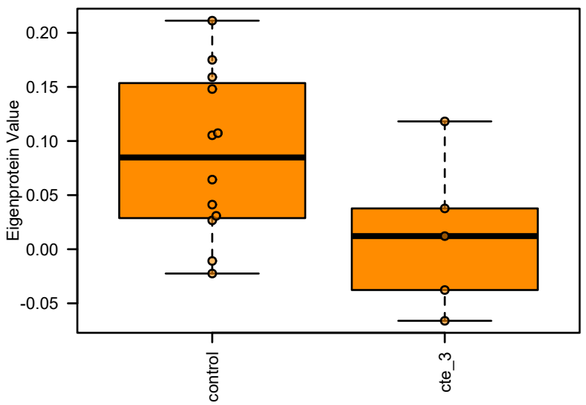

M26 darkorange
1-way AOV p = 0.0018
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

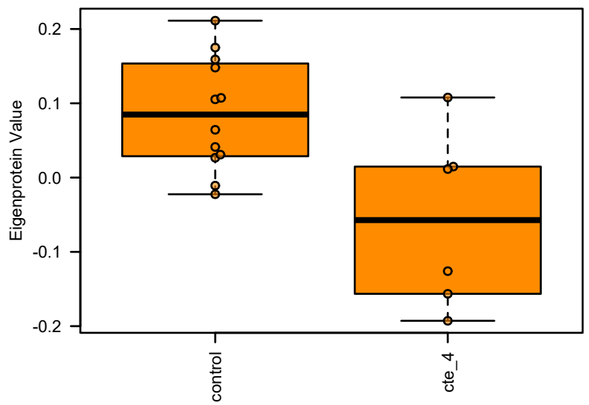

M26 darkorange
T-test p = 0.028
Eigenprotein Value
control
ad

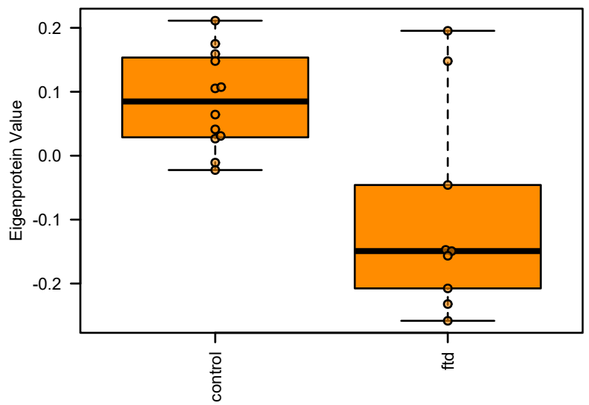

M26 darkorange
T-test p = 0.22
Eigenprotein Value
control
cbd

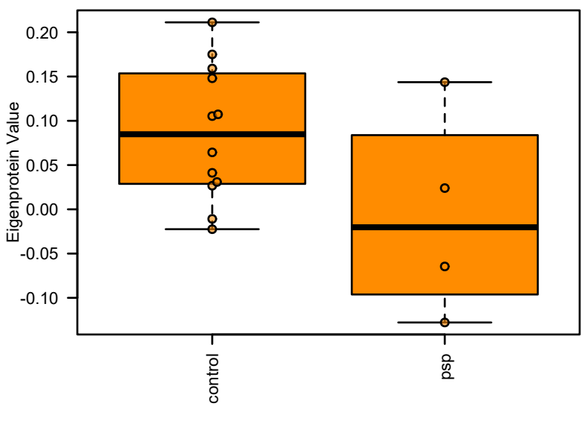

M26 darkorange
T-test p = 0.00079
Eigenprotein Value
control
cte_1

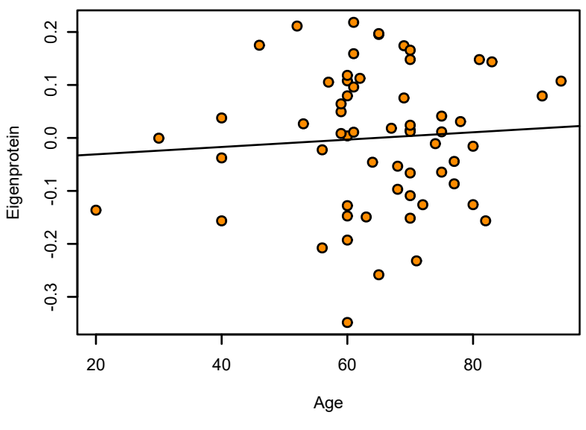

M26 darkorange
T-test p = 0.16
Eigenprotein Value
control
cte_2

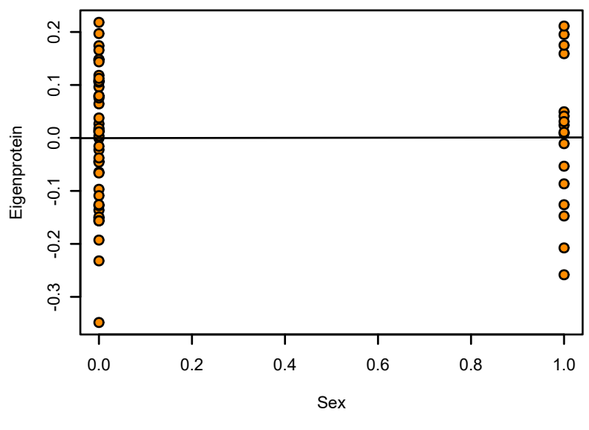

M26 darkorange
T-test p = 0.085
Eigenprotein Value
control
cte_3

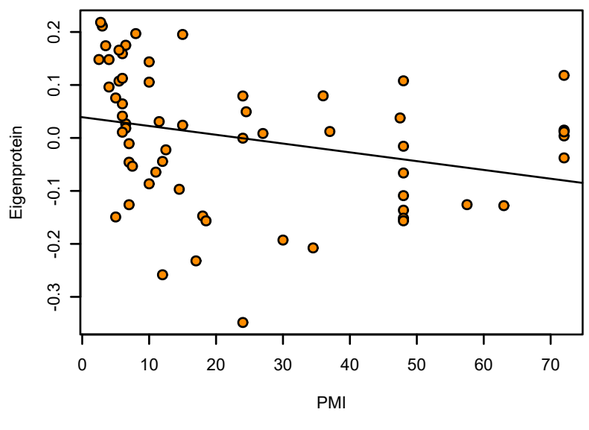

M26 darkorange
T-test p = 0.0065
Eigenprotein Value
control
cte_4

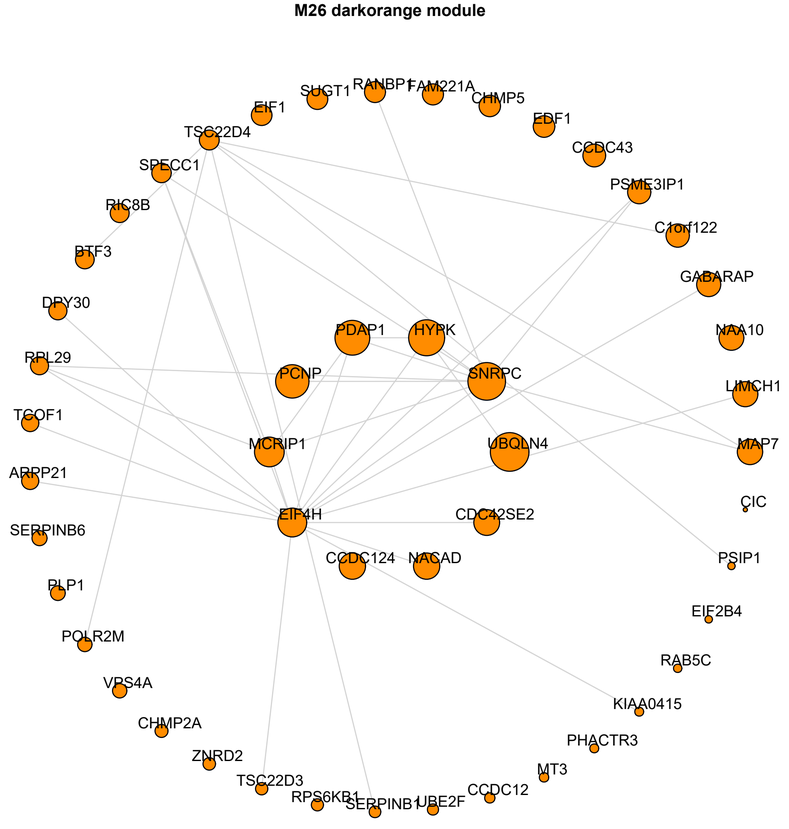

M26 darkorange
T-test p = 0.003
Eigenprotein Value
control
ftd

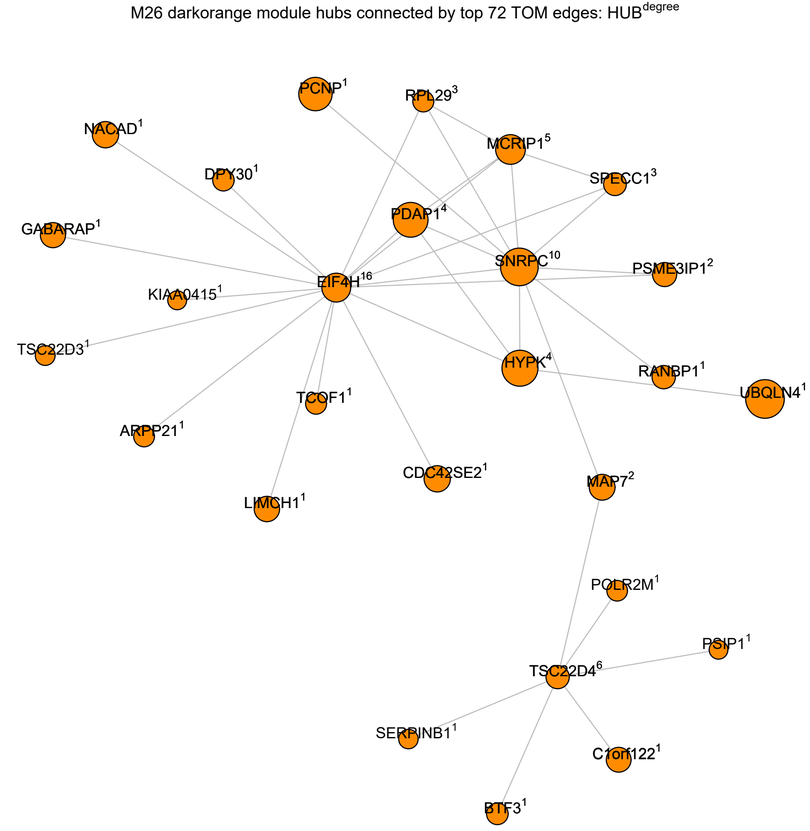

M26 darkorange
T-test p = 0.086
Eigenprotein Value
control
psp

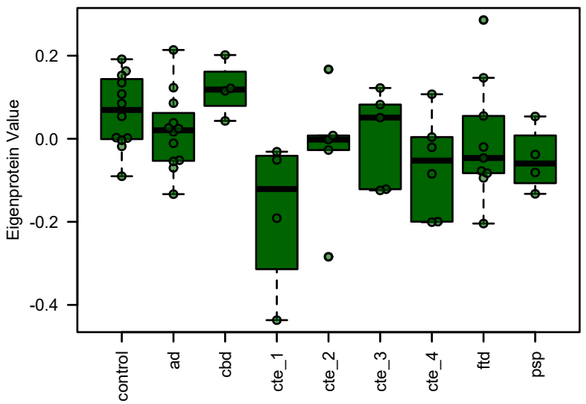

bicor=-0.065, p=0.62
cor=0.071, p=0.59
Eigenprotein
Age

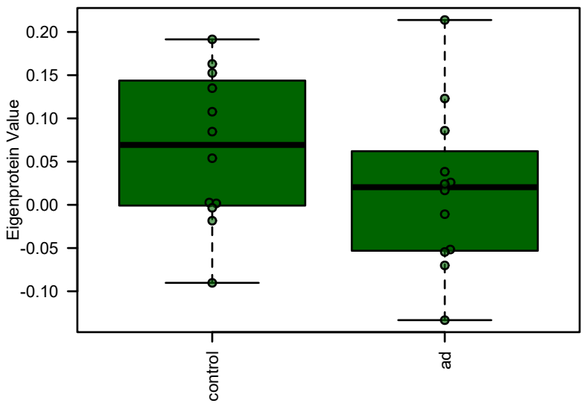

bicor=0.00025, p=1
cor=0.0043, p=0.97
Eigenprotein
Sex

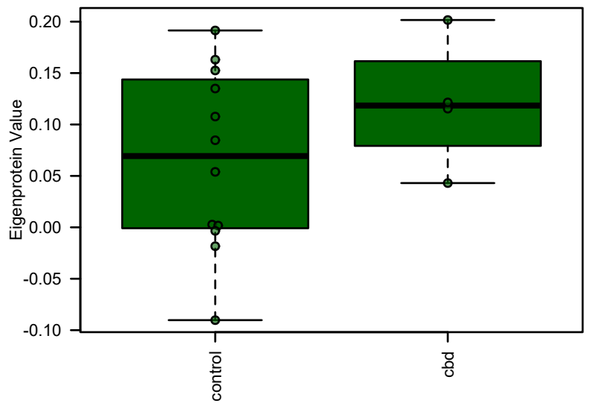

bicor=-0.47, p=0.00013
cor=-0.28, p=0.029
Eigenprotein
PMI

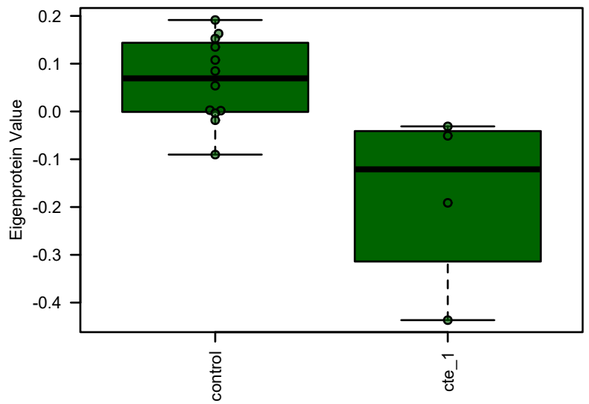

M26 darkorange module
SUGT1
RANBP1
FAM221A
CHMP5
EIF1
EDF1
TSC22D4
CCDC43
SPECC1
PSME3IP1
RIC8B
C1orf122
BTF3
GABARAP
DPY30
PDAP1
HYPK
NAA10
RPL29
PCNP
SNRPC
LIMCH1
TCOF1
MCRIP1
UBQLN4
MAP7
ARPP21
CIC
EIF4H
CDC42SE2
SERPINB6
CCDC124
NACAD
PSIP1
PLP1
EIF2B4
POLR2M
RAB5C
VPS4A
KIAA0415
CHMP2A
PHACTR3
ZNRD2
MT3
TSC22D3
CCDC12
RPS6KB1
SERPINB1
UBE2F

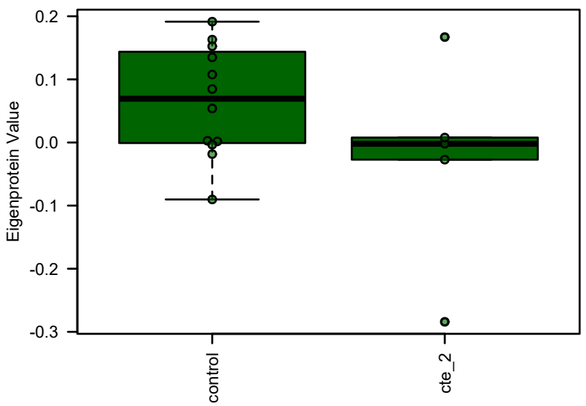

M26 darkorange module hubs connected by top 72 TOM edges: HUB degree
PCNP 1
RPL29 3
NACAD 1
MCRIP1 5
DPY30 1
SPECC1 3
PDAP1 4
GABARAP 1
SNRPC 10
PSME3IP1 2
EIF4H 16
KIAA0415 1
TSC22D3 1
HYPK 4
RANBP1 1
UBQLN4 1
TCOF1 1
ARPP21 1
CDC42SE2 1
MAP7 2
LIMCH1 1
POLR2M 1
PSIP1 1
TSC22D4 6
SERPINB1 1
C1orf122 1
BTF3 1

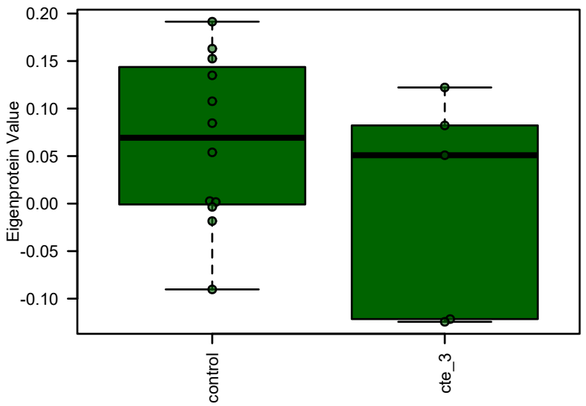

M22 darkgreen
1-way AOV p = 0.022
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

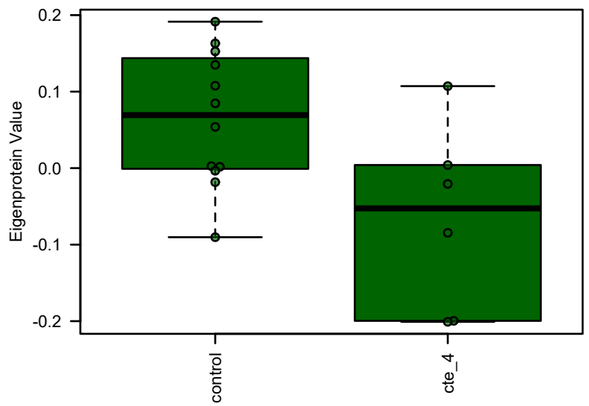

M22 darkgreen
T-test p = 0.21
Eigenprotein Value
control
ad

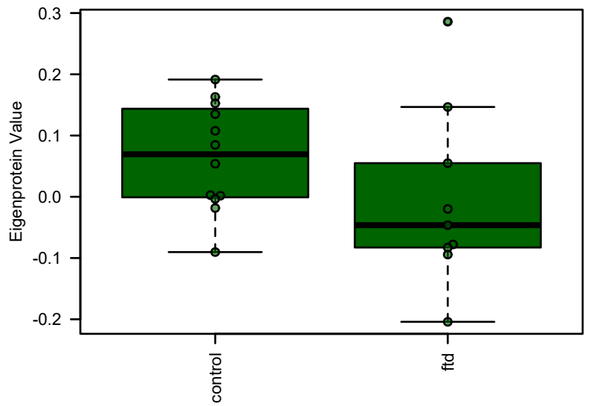

M22 darkgreen
T-test p = 0.27
Eigenprotein Value
control
cbd

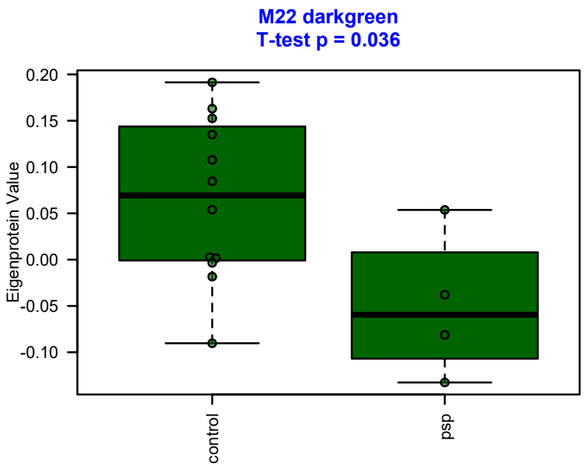

M22 darkgreen
T-test p = 0.0028
Eigenprotein Value
control
cte_1

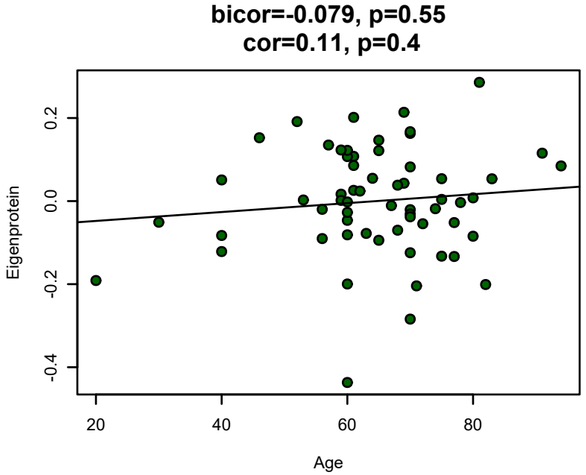

M22 darkgreen
T-test p = 0.14
Eigenprotein Value
control
cte_2

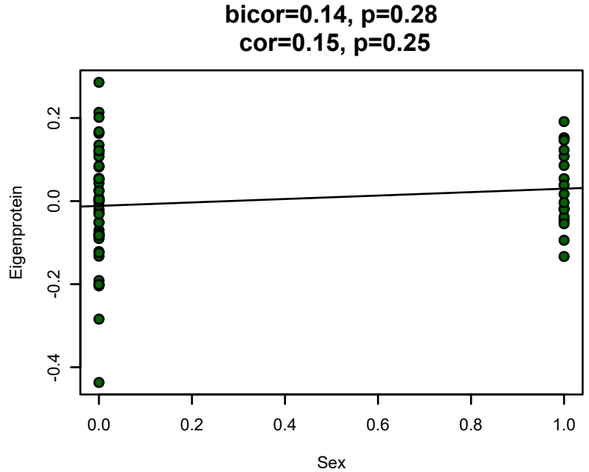

M22 darkgreen
T-test p = 0.24
Eigenprotein Value
control
cte_3

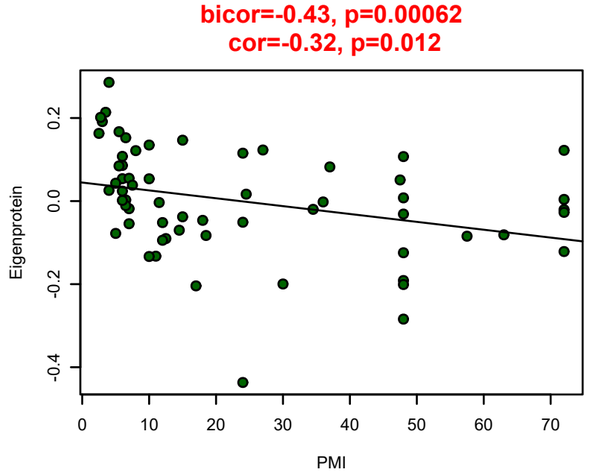

M22 darkgreen
T-test p = 0.018
Eigenprotein Value
control
cte_4

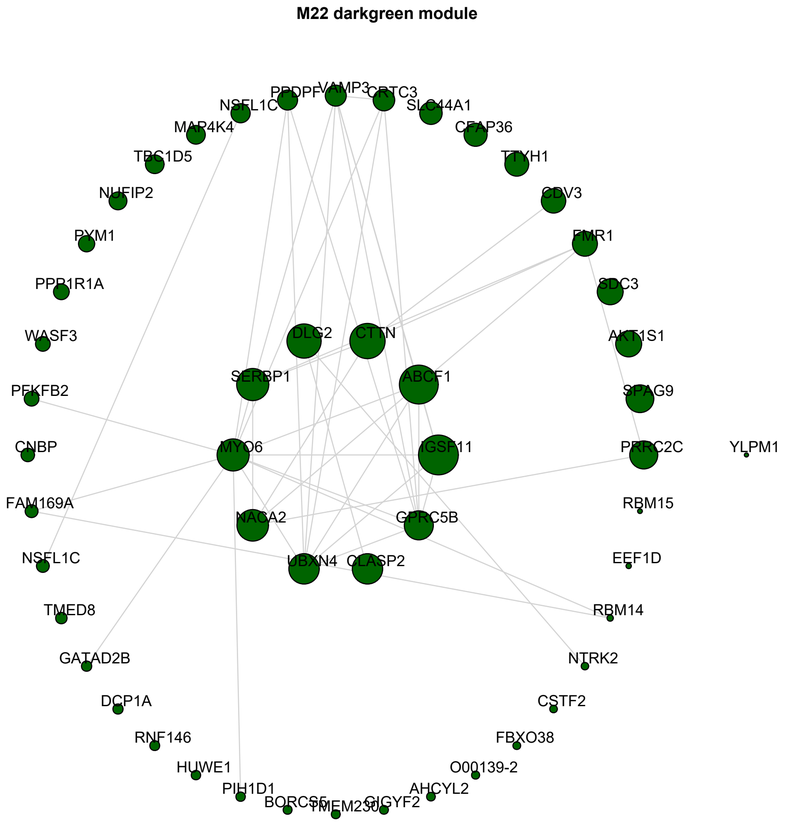

M22 darkgreen
T-test p = 0.19
Eigenprotein Value
control
ftd

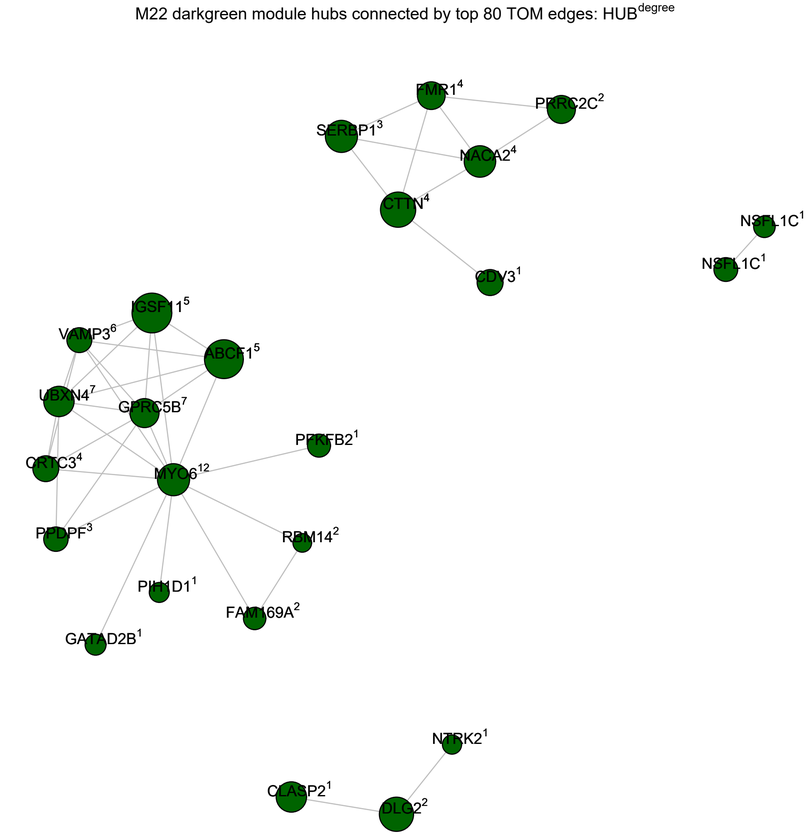

M22 darkgreen
T-test p = 0.036
Eigenprotein Value
control
psp

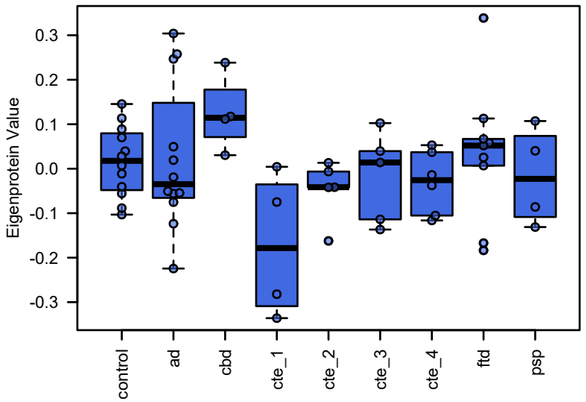

bicor=-0.079, p=0.55
cor=0.11, p=0.4
Eigenprotein
Age

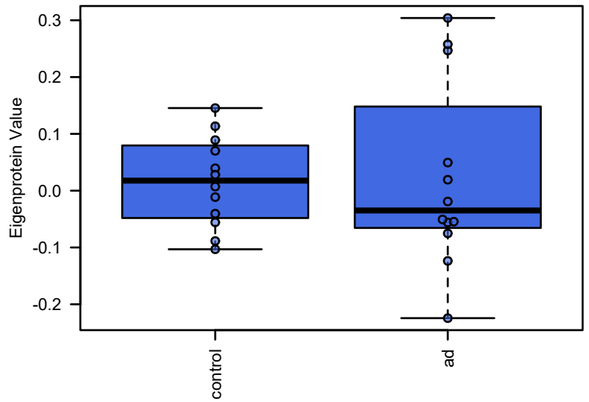

bicor=0.14, p=0.28
cor=0.15, p=0.25
Eigenprotein
Sex

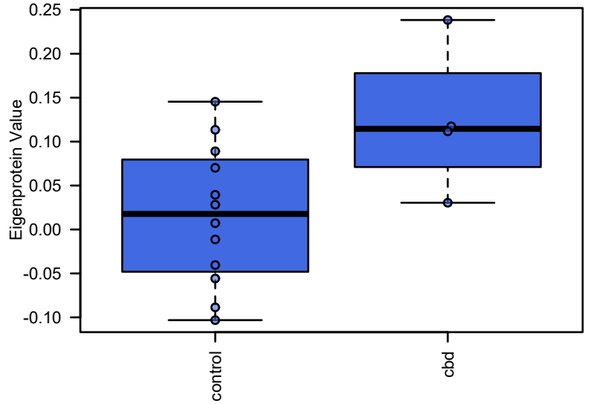

bicor=-0.43, p=0.00062
cor=-0.32, p=0.012
Eigenprotein
PMI

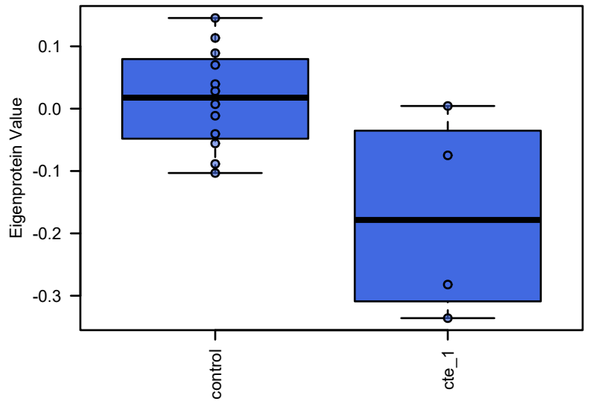

M22 darkgreen module
PRDPF
VAMP3
CETC3
NSFL1C
SLC44A1
MAP4K4
CEP36
TBC1D5
TMX1H1
NUFIP2
CDV3
PXM1
PMR1
PPP1R1A
SDC3
WASF3
DLG2
CTTN
AKT1S1
SERBP1
ABCF1
PFKFB2
SPAG9
CNBP
MYO6
IGSF11
PRRC2C
YLPM1
FAM169A
RBM15
MACA2
GPRC5B
NSFL1C
UBXN4
CLASP2
EEF1D
TMED8
RBM14
GATAD2B
NTRK2
DCP1A
CSTF2
RNF146
FBXO38
HUWE1
O00139-2
PIH1D1
AHCYL2
BORCS6
TMEM230
GIGYF2

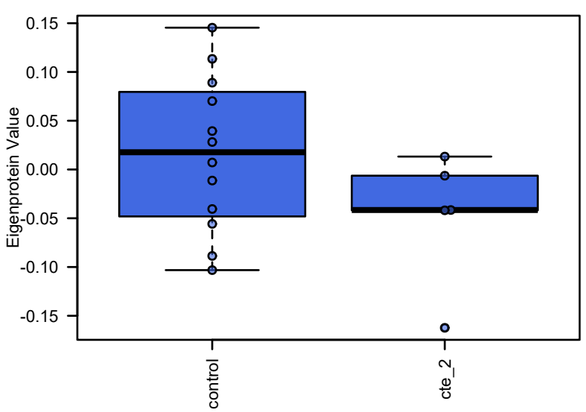

M22 darkgreen module hubs connected by top 80 TOM edges: HUB^degree
PMR1^4
PRRC2C^2
SERBP1^3
MACA2^4
CTTN^4
NSFL1C^1
CDV3^1
NSFL1C^1
IGSF11^5
VAMP3^6
ABCF1^5
UBXN4^7
GPRC5B^7
PFKFB2^1
CCDC3^4
MYO6^12
PRDPF^3
RBM14^2
PIH1D1^1
FAM169A^2
GATAD2B^1
NTRK2^1
CLASP2^1
DLG2^2

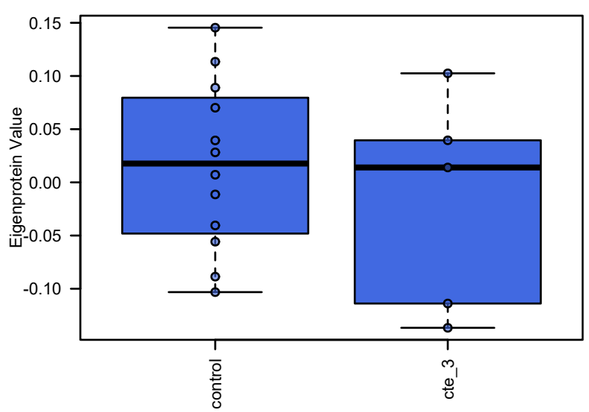

M20 royalblue
1-way AOV p = 0.091
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

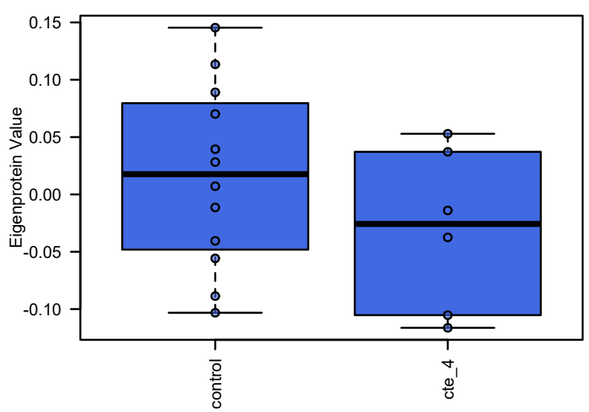

M20 royalblue
T-test p = 0.9
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad

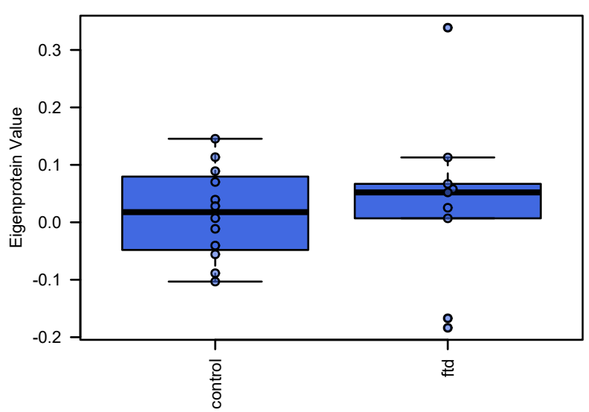

M20 royalblue
T-test p = 0.036
Eigenprotein Value
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cbd

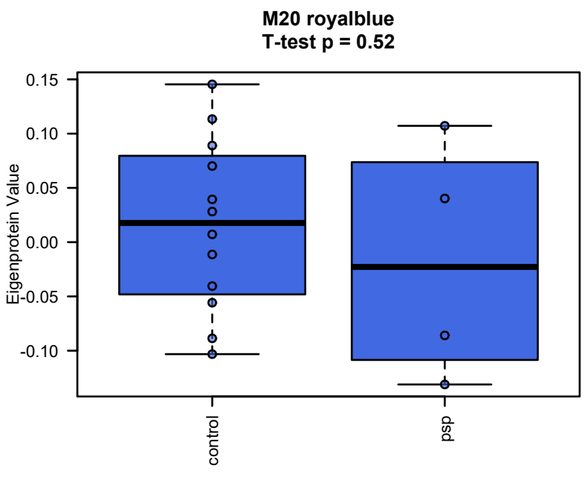

M20 royalblue
T-test p = 0.0069
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
cte_1

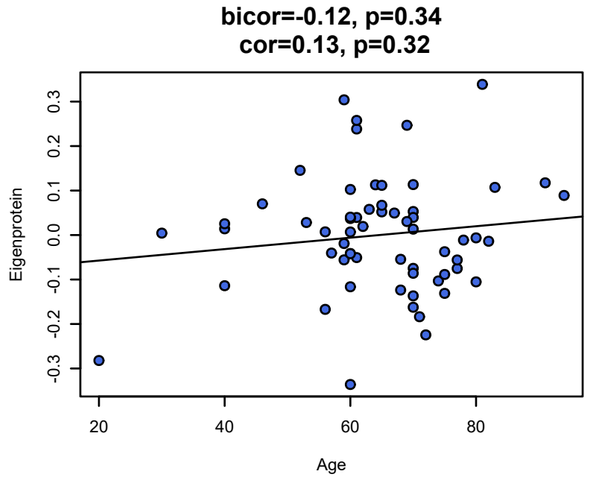

M20 royalblue
T-test p = 0.14
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

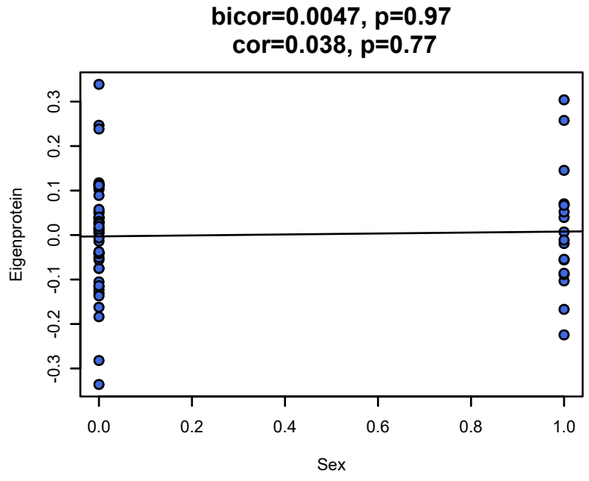

M20 royalblue
T-test p = 0.46
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_3

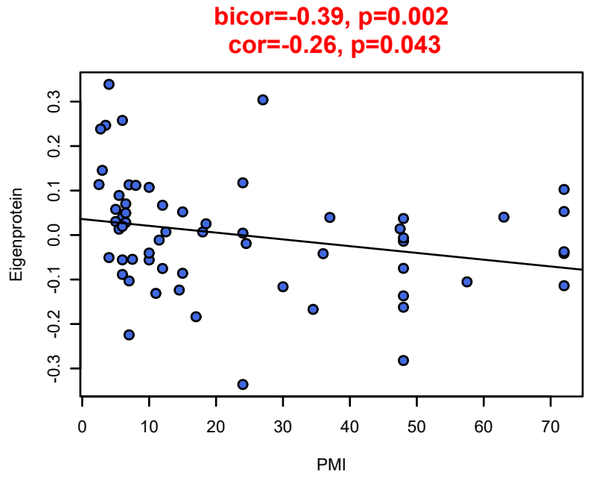

M20 royalblue
T-test p = 0.24
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_4


M20 royalblue
T-test p = 0.73
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

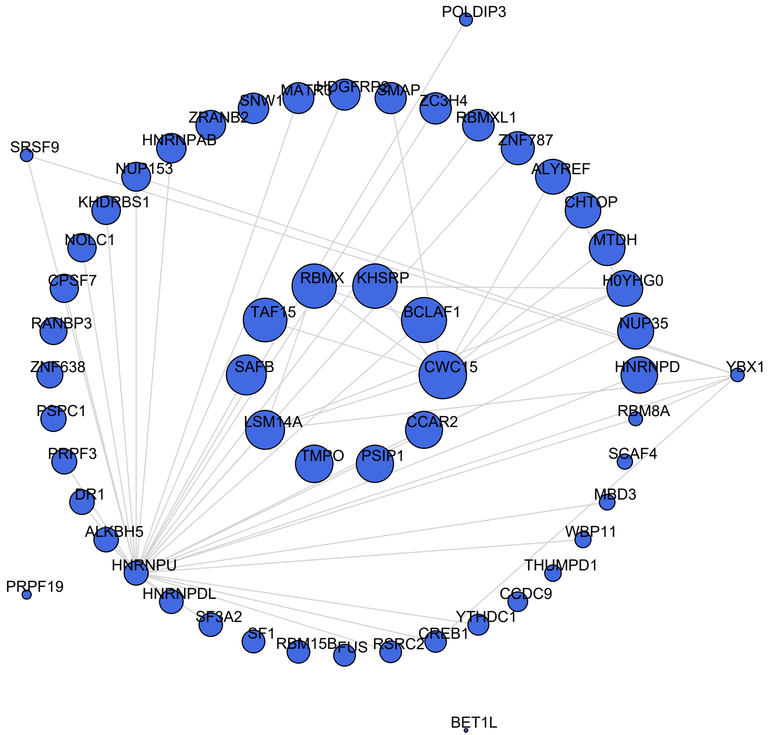

M20 royalblue
T-test p = 0.52
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
psp


bicor=-0.12, p=0.34
cor=0.13, p=0.32
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

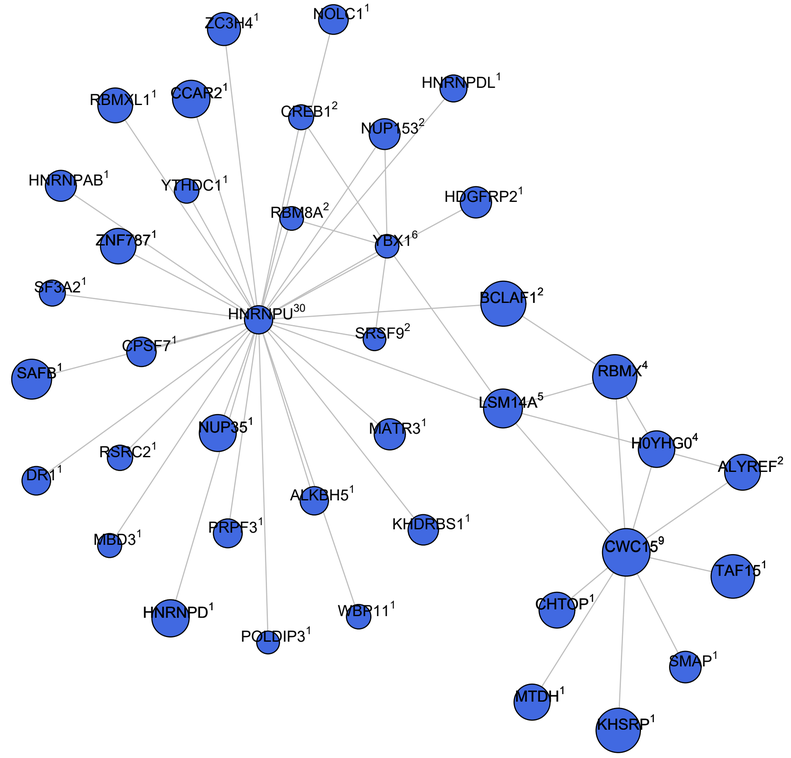

bicor=0.0047, p=0.97
cor=0.038, p=0.77
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

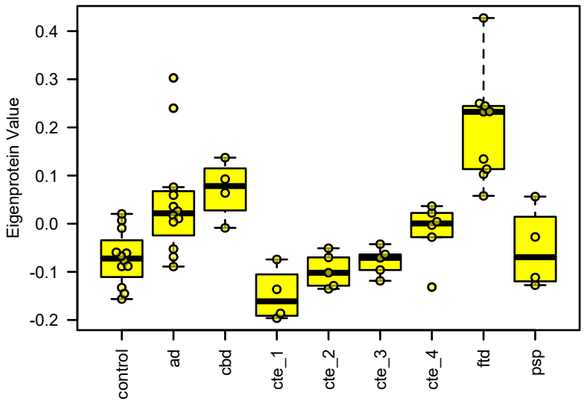

bicor=-0.39, p=0.002
cor=-0.26, p=0.043
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

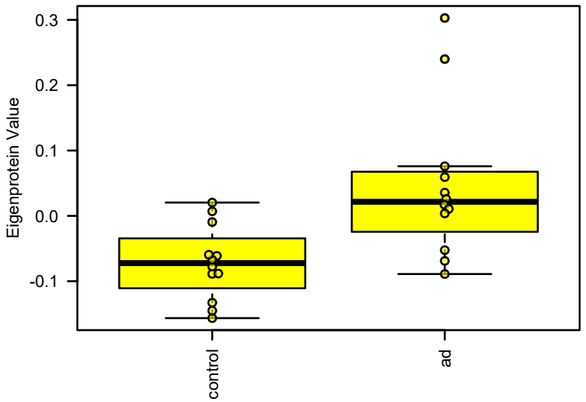
M20 royalblue module

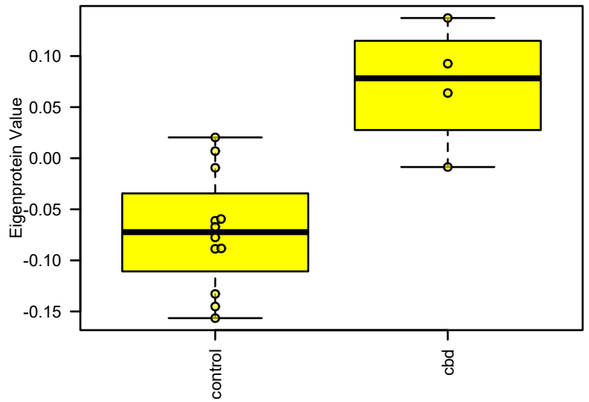


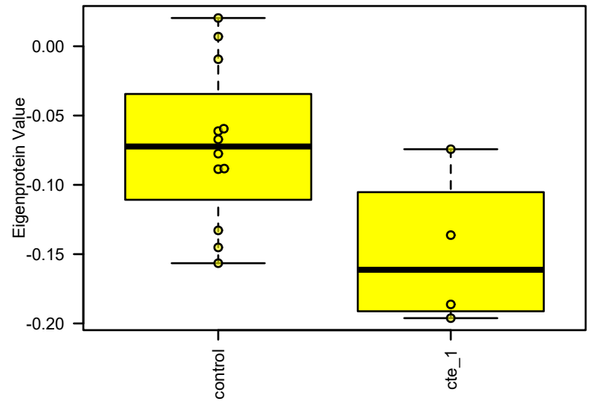
M20 royalblue module hubs connected by top 98 TOM edges: HUB^{degree}

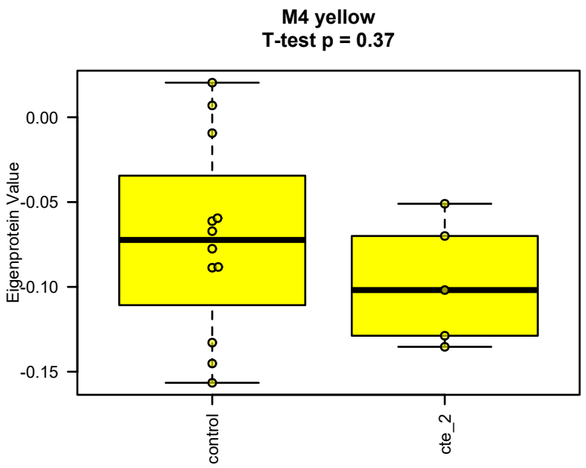


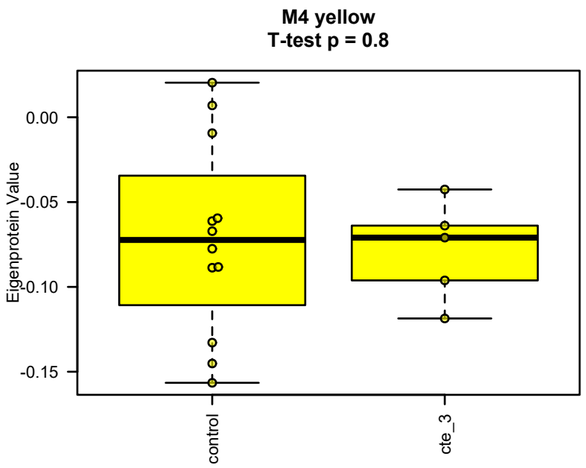

M4 yellow
1-way AOV p = 2.1e-09
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

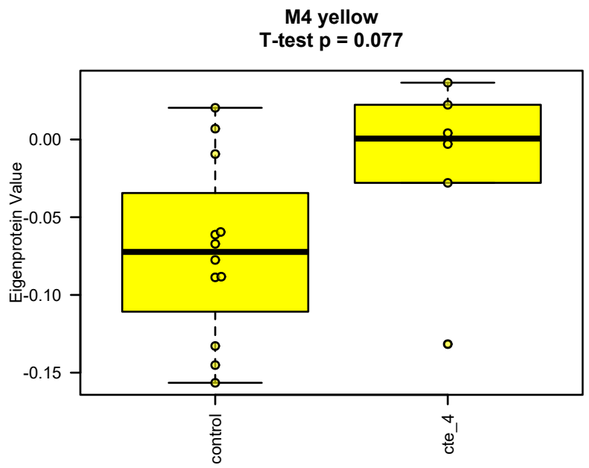

M4 yellow
T-test p = 0.0046
Eigenprotein Value
control
ad

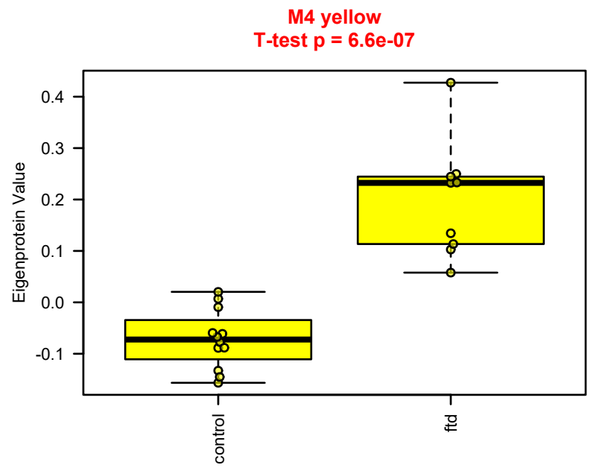

M4 yellow
T-test p = 0.00078
Eigenprotein Value
control
cbd

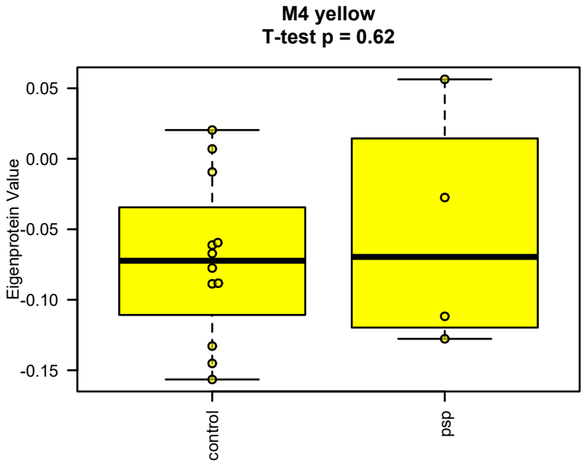

M4 yellow
T-test p = 0.035
Eigenprotein Value
control
cte_1

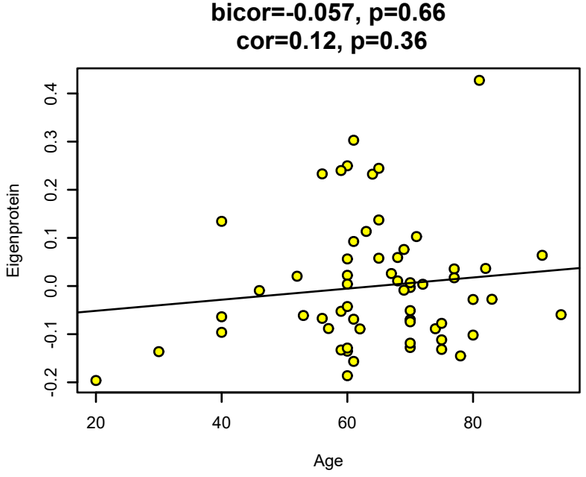

M4 yellow
T-test p = 0.37
Eigenprotein Value
control
cte_2

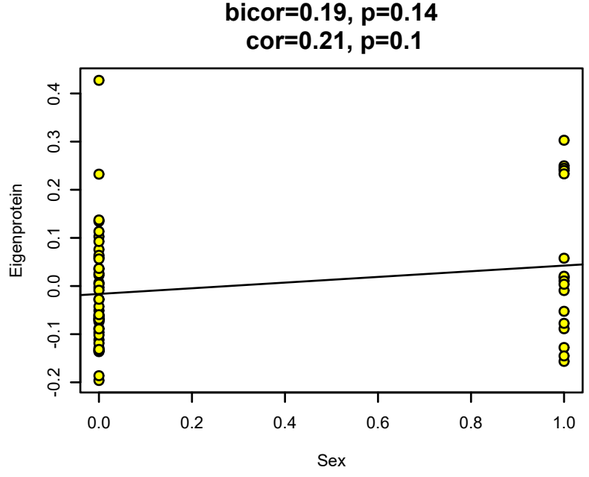

M4 yellow
T-test p = 0.8
Eigenprotein Value
control
cte_3

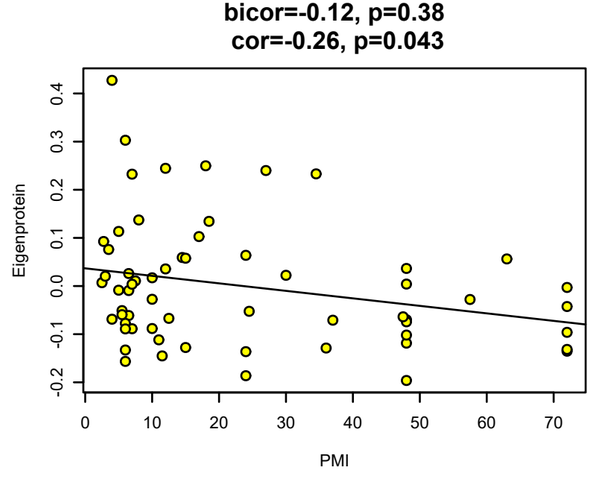

M4 yellow
T-test p = 0.077
Eigenprotein Value
control
cte_4

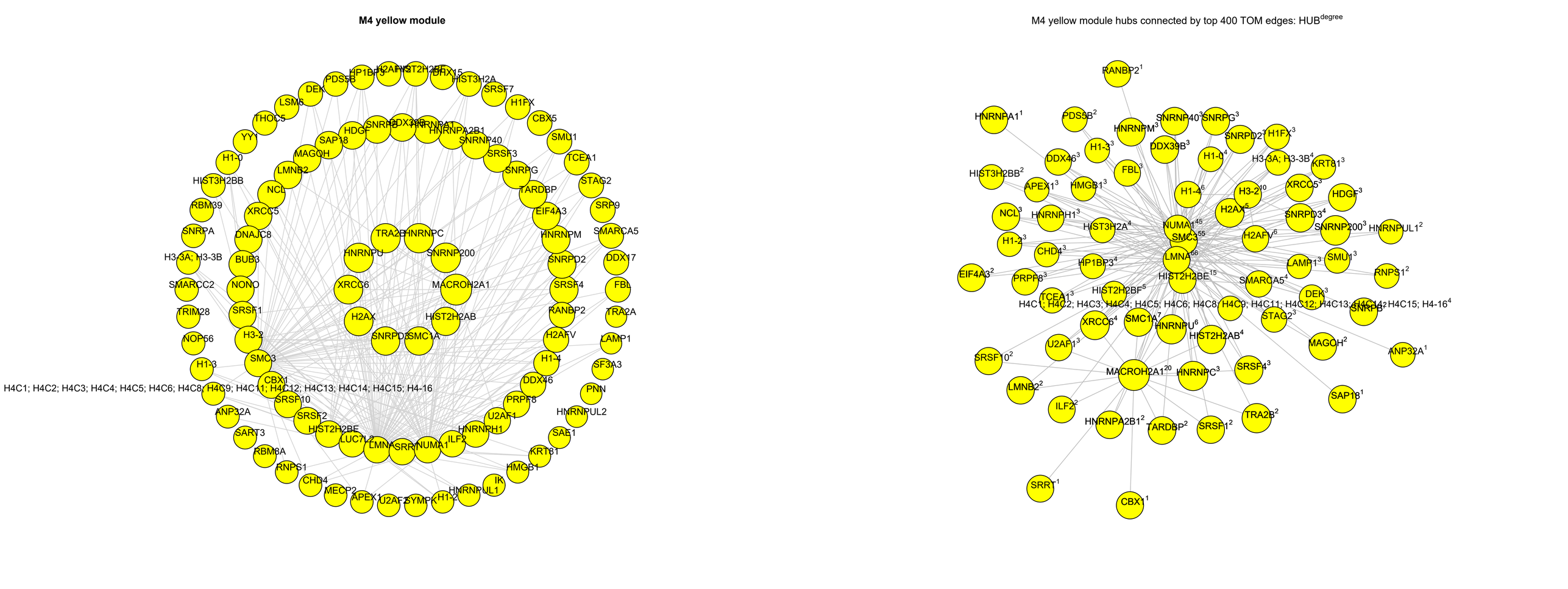

M4 yellow
T-test p = 6.6e-07
Eigenprotein Value
control
ftd

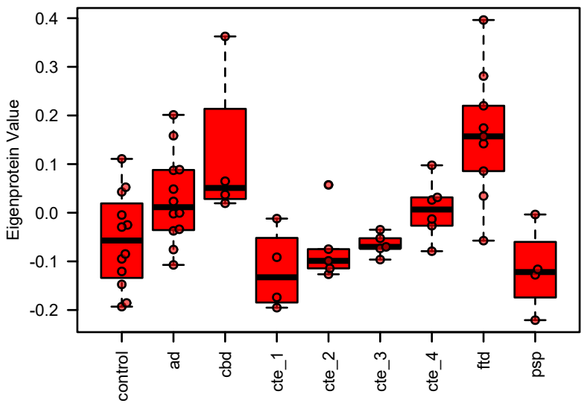

M4 yellow
T-test p = 0.62
Eigenprotein Value
control
psp

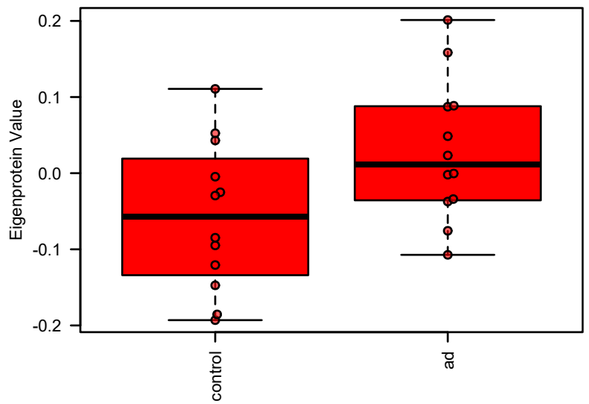

bicor=-0.057, p=0.66
cor=0.12, p=0.36
Eigenprotein
Age

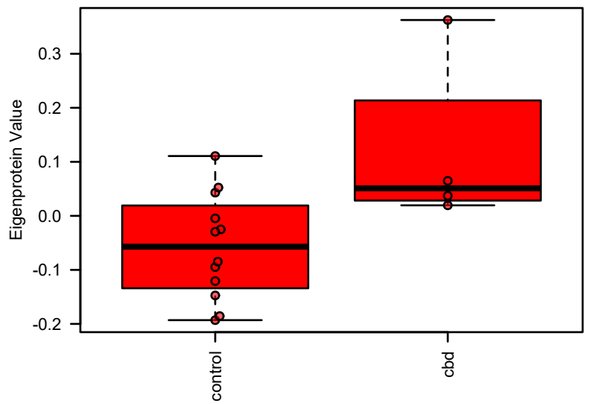

bicor=0.19, p=0.14
cor=0.21, p=0.1
Eigenprotein
Sex

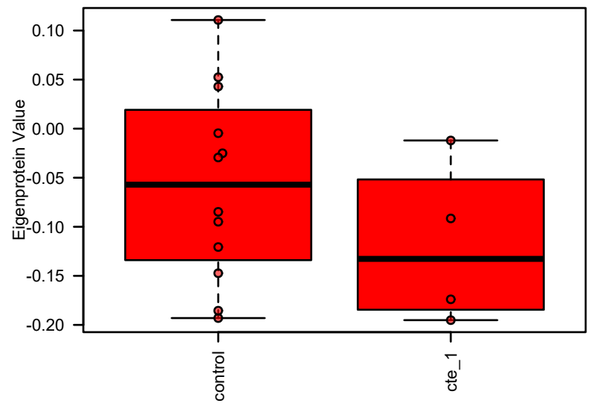

bicor=-0.12, p=0.38
cor=-0.26, p=0.043
Eigenprotein
PMI

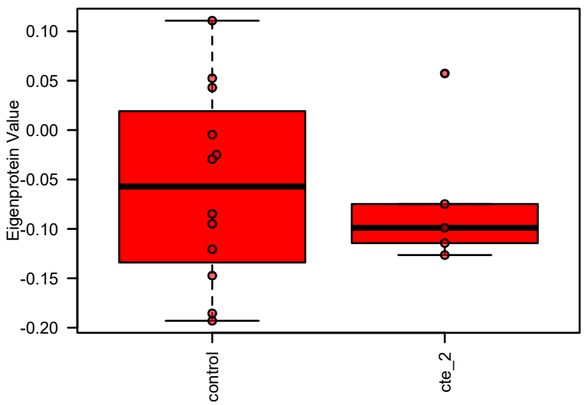

M4 yellow module
M4 yellow module hubs connected by top 400 TOM edges: HUB degree
RANBP2 1
HNRNPA1 1
PDS5B 2
SNRNP40 3
SNRPG 3
HNRNPM 3
SNRPD2 3
H1FX 3
H1-3 3
DDX39B 3
H1-0 4
DDX46 3
FBL 3
H3-3A; H3-3B 4
KRT81 3
HIST3H2BB 2
APEX1 3
HMGB1 3
H1-4 6
H3-2 10
XRCC5 3
HDGF 3
NCL 3
HNRNPH1 3
H2AX 5
SNRPD3 4
HIST3H2A 4
NUMA1 45
SNRNP200 3
HNRNPUL1 2
H1-2 3
SMC3 55
H2AFV 6
CHD4 3
LMNA 56
LAMP1 3
SMU1 3
EIF4A3 2
HIP1BP3 4
HIST2H2BE 15
RNPS1 2
PRPF8 3
SMARCA5 4
TCEA1 3
HIST2H2BF 5
DEK 3
H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4C11; H4C12; H4C13; H4C14; H4C15; H4-16 4
SNRPB 3
XRCC6 4
SMC1A 7
STAG2 3
HNRNPU 6
HIST2H2AB 4
U2AF1 3
MAGOH 2
ANP32A 1
SRSF10 2
MACROH2A1 20
HNRNPC 3
SRSF4 3
LMNB2 2
SAP18 1
ILF2 2
HNRNPA2B1 2
TARDBP 2
SRSF1 2
TRA2B 2
SRRT 1
CBX1 1
H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4C11; H4C12; H4C13; H4C14; H4C15; H4-16
HIP1BP3
H2AFV
HIST2H2BF
DHX15
HIST3H2A
SRSF7
H1FX
CBX5
SMU1
TCEA1
STAG2
SRP9
SMARCA5
DDX17
FBL
TRA2A
LAMP1
SF3A3
PNN
HNRNPUL2
SAE1
KRT81
HMGB1
IK
HNRNPUL1
H1-2
SYMPK
U2AF2
APEX1
MECP2
CHD4
RNPS1
RBM8A
SART3
ANP32A
SRSF2
SRSF10
PRPF8
U2AF1
HNRNPH1
ILF2
SRRT
NUMA1
LMNA
LUC7L2
HIST2H2BE
SRSF3
SNRNP40
SNRPG
TARDBP
EIF4A3
HNRNPM
SNRPD2
SRSF4
RANBP2
H2AFV
H1-4
DDX46
PRPF8
U2AF1
HNRNPH1
SAE1
KRT81
HMGB1
IK
HNRNPUL1
H1-2
SYMPK
U2AF2
APEX1
MECP2
CHD4
RNPS1
RBM8A
SART3
ANP32A
SRSF2
SRSF10
H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4C11; H4C12; H4C13; H4C14; H4C15; H4-16
CBX1
SMC3
H1-3
NOP56
TRIM28
SMARCC2
SRSF1
NONO
H3-2
BUB3
H3-3A; H3-3B
SNRPA
DNAJC8
RBM39
XRCC5
NCL
HIST3H2BB
LMNB2
MAGOH
SAP18
HDGF
SNRPB
DDX39B
HNRNPA1
HNRNPA2B1
SNRNP40
SRSF3

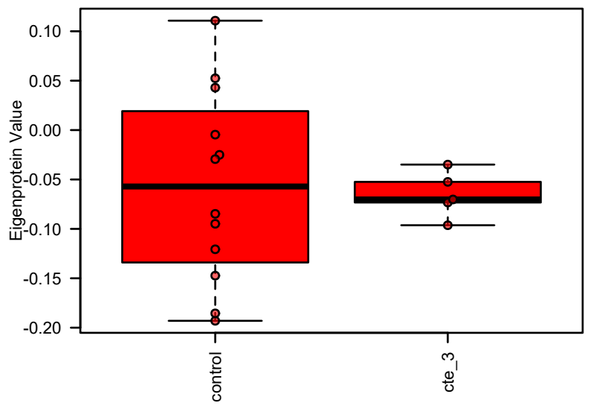

M6 red
1-way AOV p = 1e-05
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

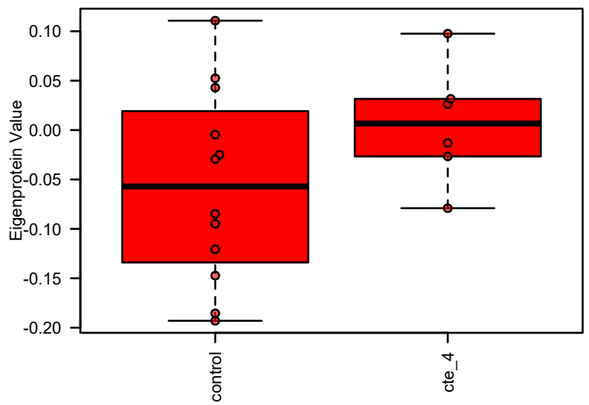

M6 red
T-test p = 0.037
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

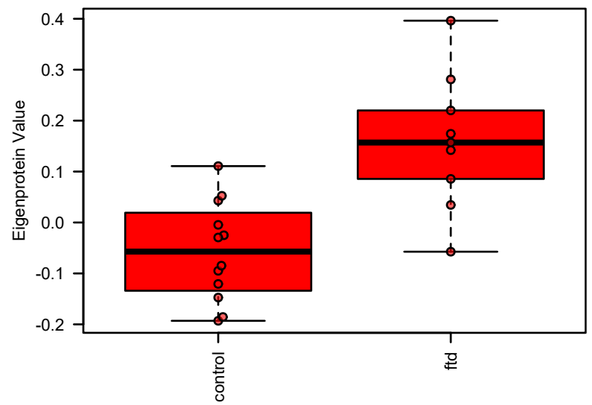

M6 red
T-test p = 0.018
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cbd

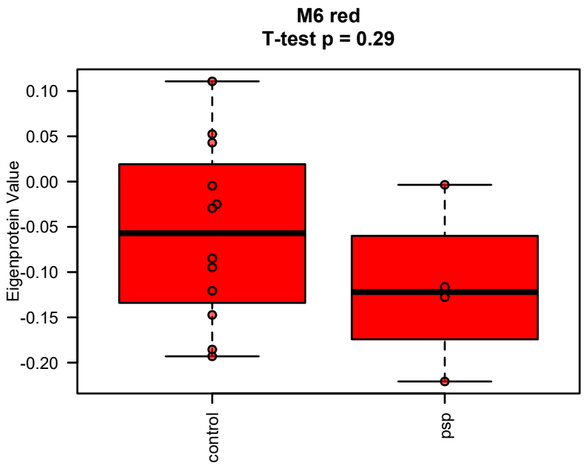

M6 red
T-test p = 0.28
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_1

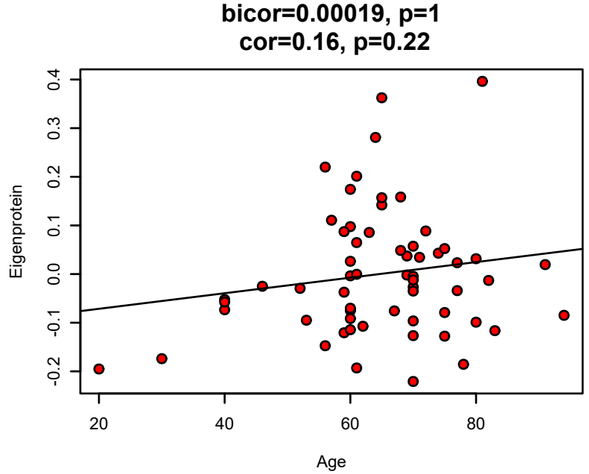

M6 red
T-test p = 0.76
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_2

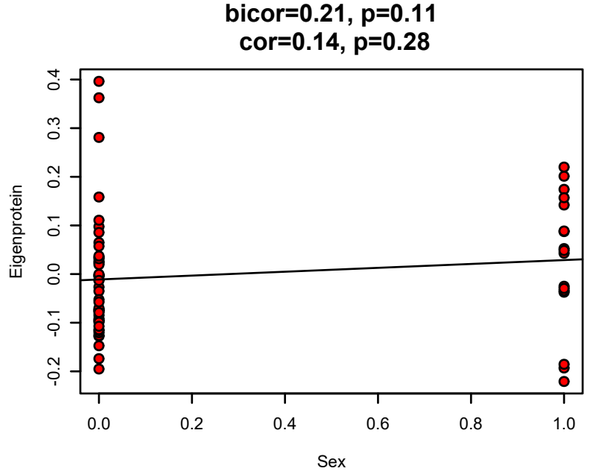

M6 red
T-test p = 0.85
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_3

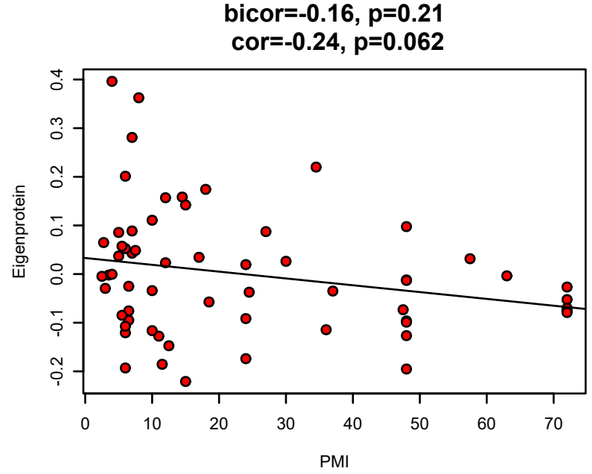

M6 red
T-test p = 0.17
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_4


M6 red
T-test p = 0.00039
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

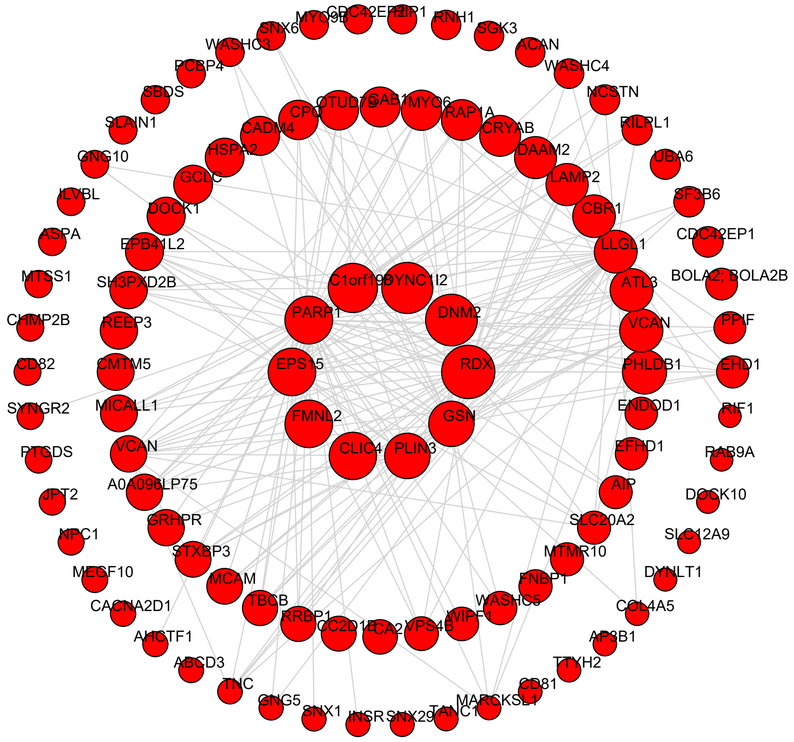

M6 red
T-test p = 0.29
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
psp


bicor=0.00019, p=1
cor=0.16, p=0.22
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

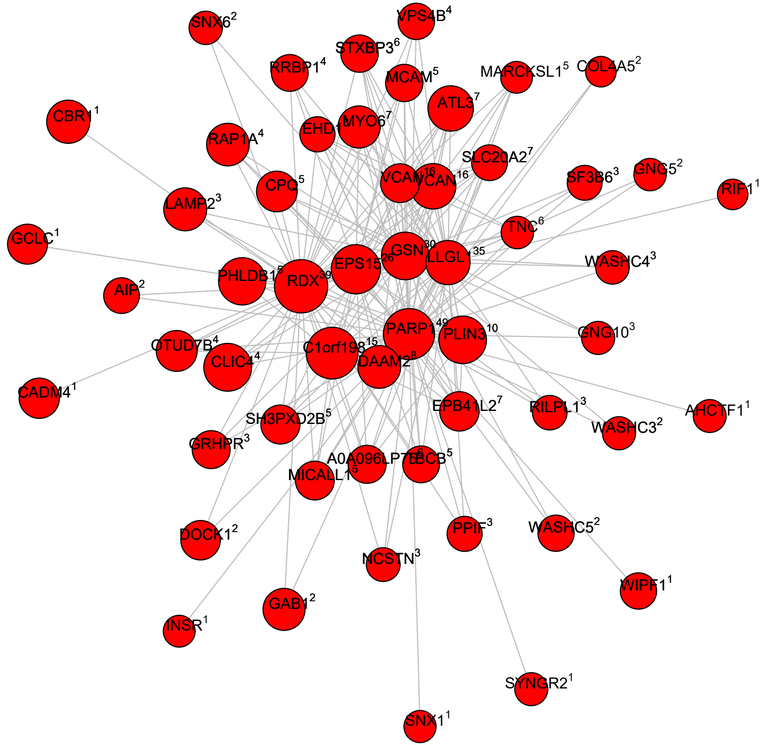

bicor=0.21, p=0.11
cor=0.14, p=0.28
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

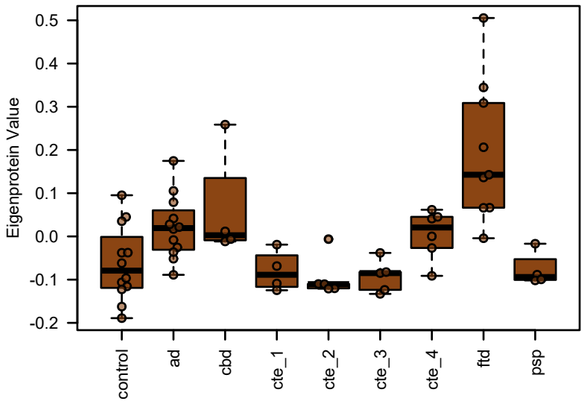

bicor=-0.16, p=0.21
cor=-0.24, p=0.062
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

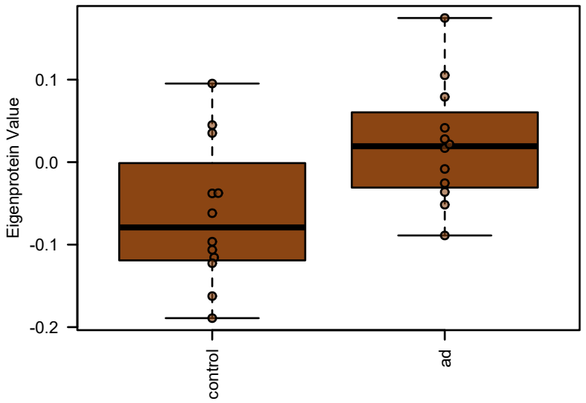
M6 red module

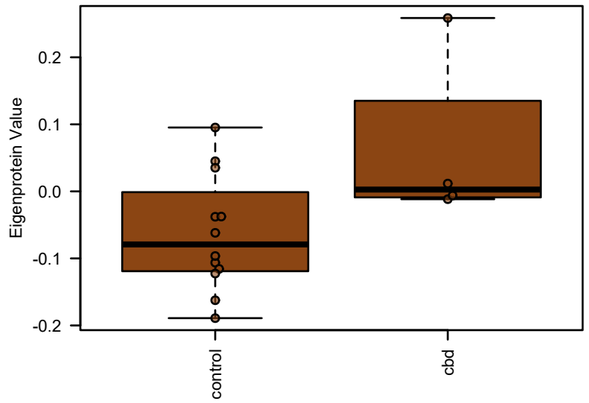


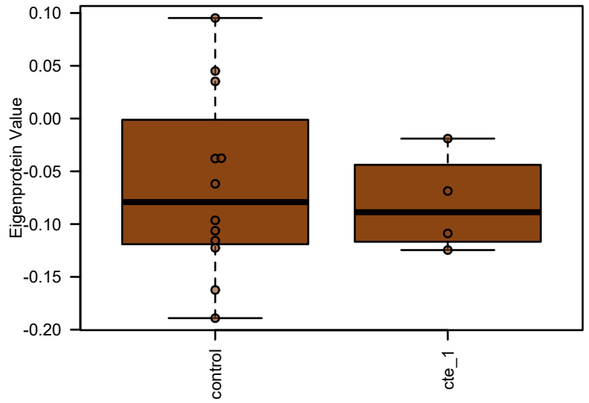
M6 red module hubs connected by top 400 TOM edges: HUB^{degree}

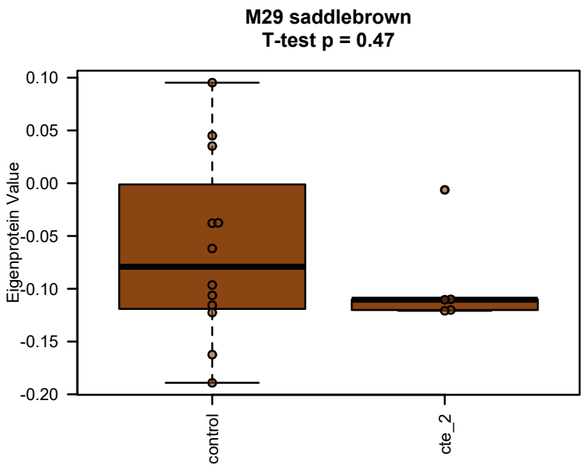


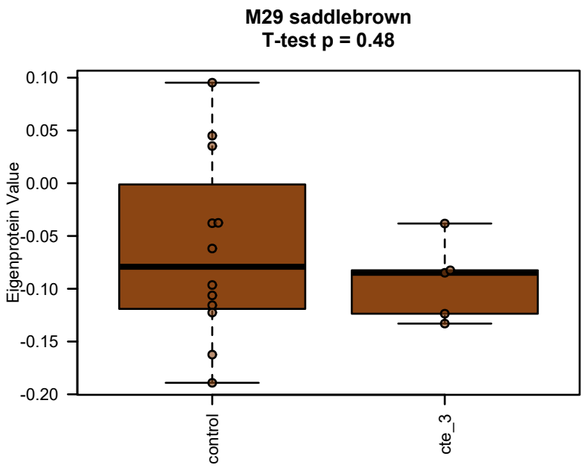

M29 saddlebrown
1-way AOV p = 5.3e-07
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

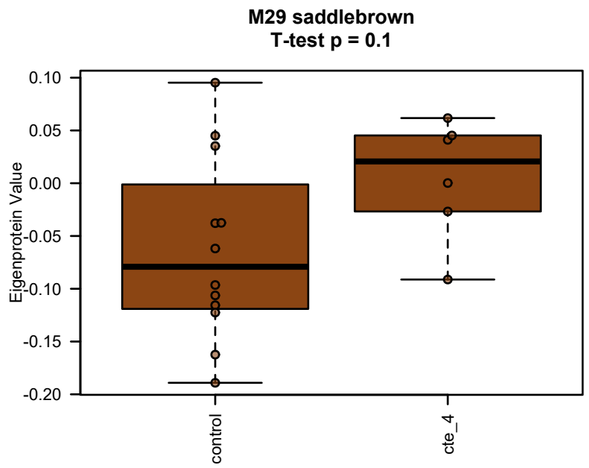

M29 saddlebrown
T-test p = 0.017
Eigenprotein Value
control
ad

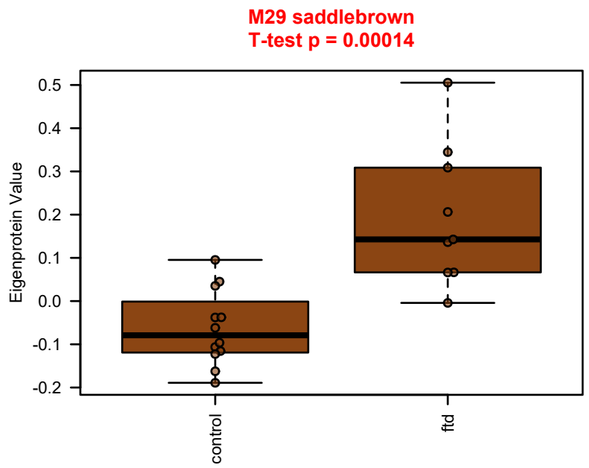

M29 saddlebrown
T-test p = 0.043
Eigenprotein Value
control
cbd

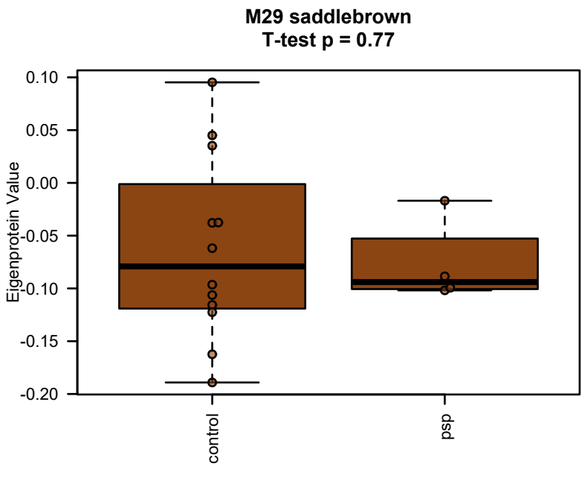

M29 saddlebrown
T-test p = 0.71
Eigenprotein Value
control
cte_1

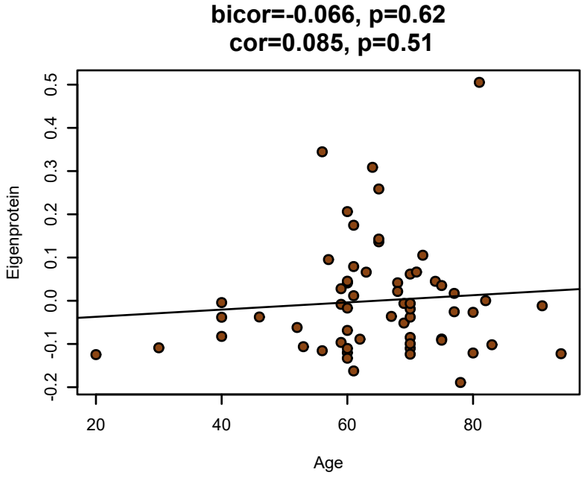

M29 saddlebrown
T-test p = 0.47
Eigenprotein Value
control
cte_2

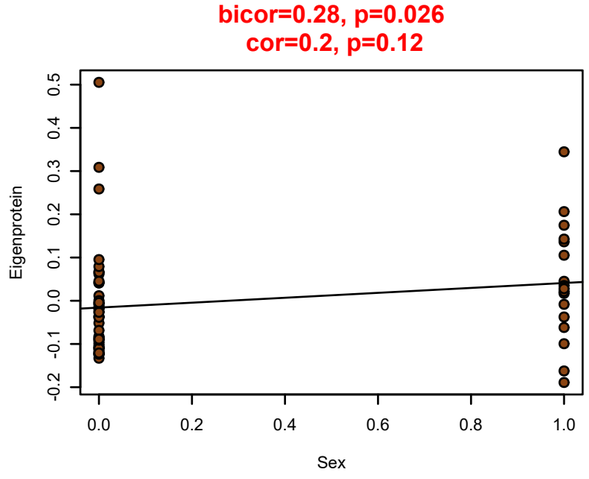

M29 saddlebrown
T-test p = 0.48
Eigenprotein Value
control
cte_3

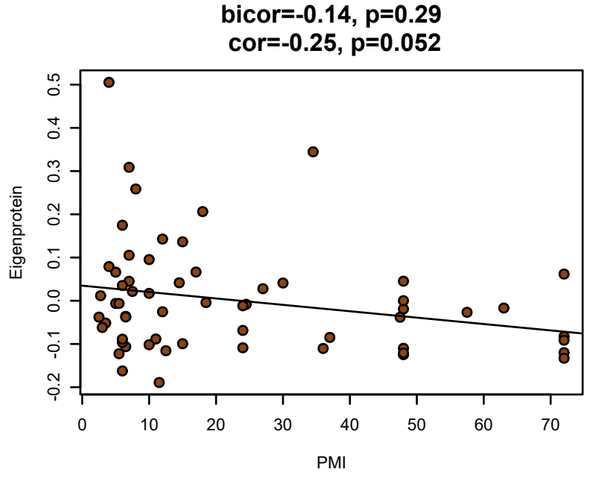

M29 saddlebrown
T-test p = 0.1
Eigenprotein Value
control
cte_4

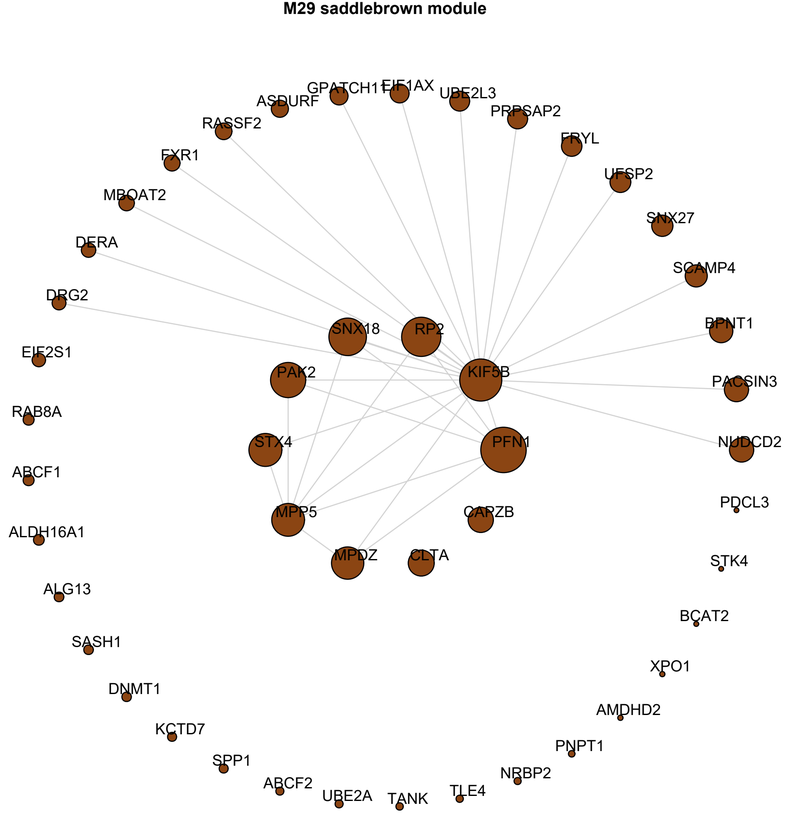

M29 saddlebrown
T-test p = 0.00014
Eigenprotein Value
control
ftd

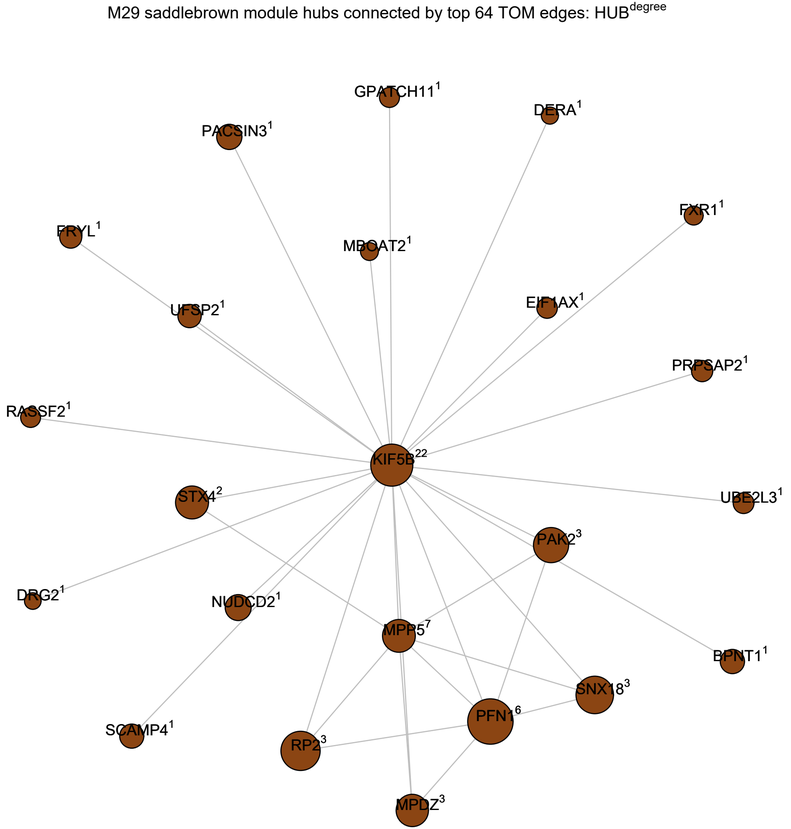

M29 saddlebrown
T-test p = 0.77
Eigenprotein Value
control
psp

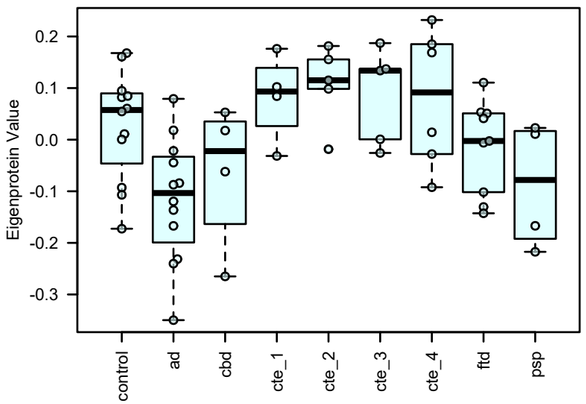

bicor=-0.066, p=0.62
cor=0.085, p=0.51
Eigenprotein
Age

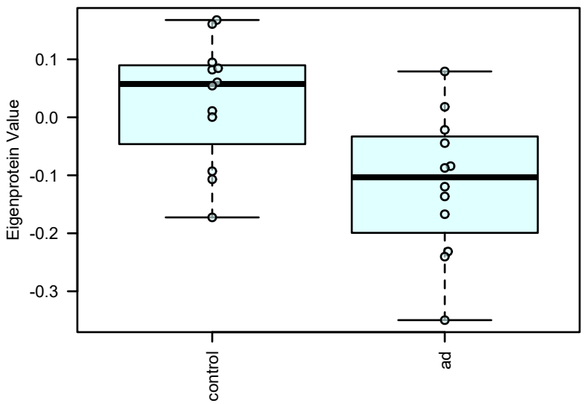

bicor=0.28, p=0.026
cor=0.2, p=0.12
Eigenprotein
Sex

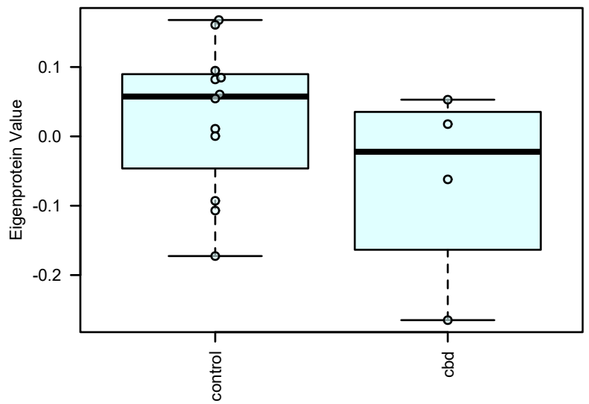

bicor=-0.14, p=0.29
cor=-0.25, p=0.052
Eigenprotein
PMI

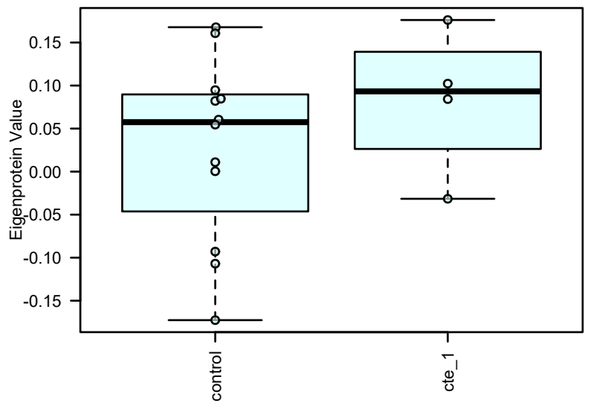

M29 saddlebrown module
GPATCH11
EIF1AX
UBE2L3
ASDURF
PRPSAP2
RASSF2
FRYL
FXR1
UFSP2
MBOAT2
SNX27
DERA
SCAMP4
DRG2
BPNT1
SNX18
RP2
EIF2S1
PAK2
KIF5B
PACSIN3
RAB8A
NUDCD2
STX4
PFN1
ABCF1
PDCL3
MPP5
CARZB
ALDH16A1
STK4
MPDZ
CLTA
ALG13
BCAT2
SASH1
XPO1
DNMT1
AMDHD2
KCTD7
PNPT1
SPP1
NRBP2
ABCF2
TLE4
UBE2A
TANK

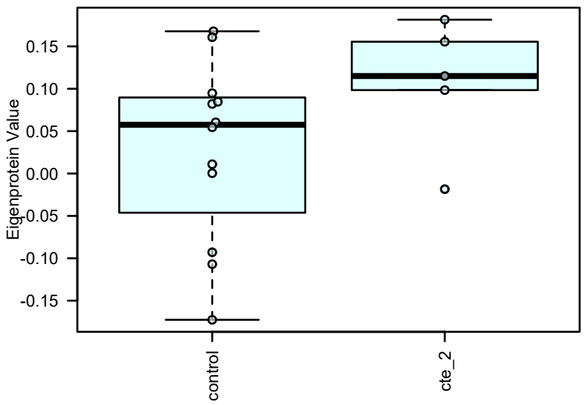

M29 saddlebrown module hubs connected by top 64 TOM edges: HUB degree
GPATCH11 1
DERA 1
PACSIN3 1
FXR1 1
FRYL 1
MBOAT2 1
UFSP2 1
EIF1AX 1
PRPSAP2 1
RASSF2 1
KIF5B 22
UBE2L3 1
STX4 2
PAK2 3
DRG2 1
NUDCD2 1
MPP5 7
BPNT1 1
SNX18 3
SCAMP4 1
PFN1 6
RP2 3
MPDZ 3

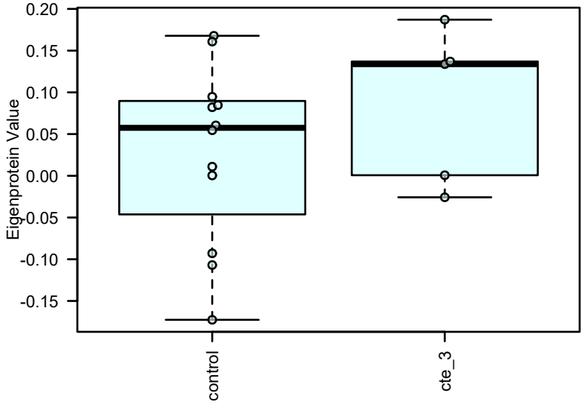

M16 lightcyan
1-way AOV p = 0.001
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

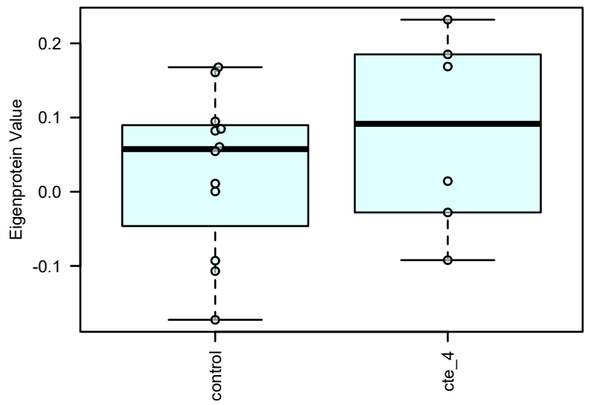

M16 lightcyan
T-test p = 0.005
Eigenprotein Value
control
ad

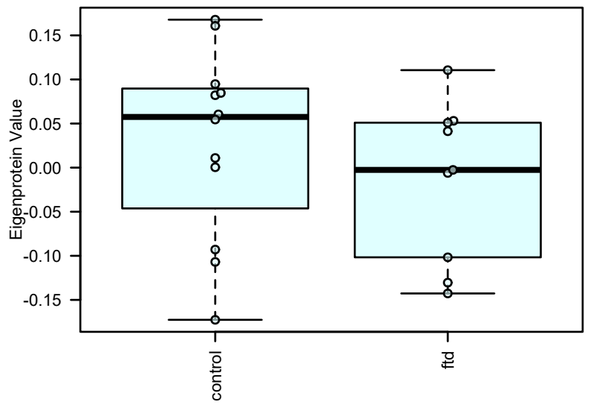

M16 lightcyan
T-test p = 0.18
Eigenprotein Value
control
cbd

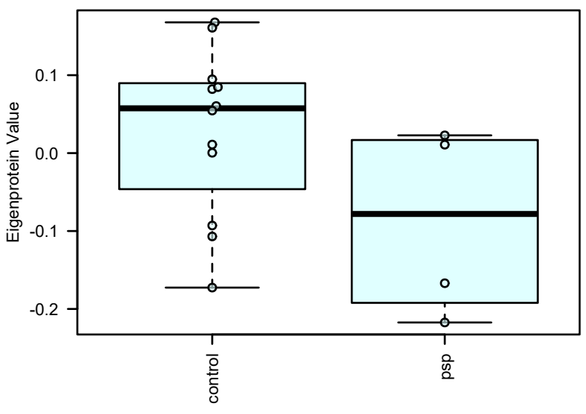

M16 lightcyan
T-test p = 0.37
Eigenprotein Value
control
cte_1

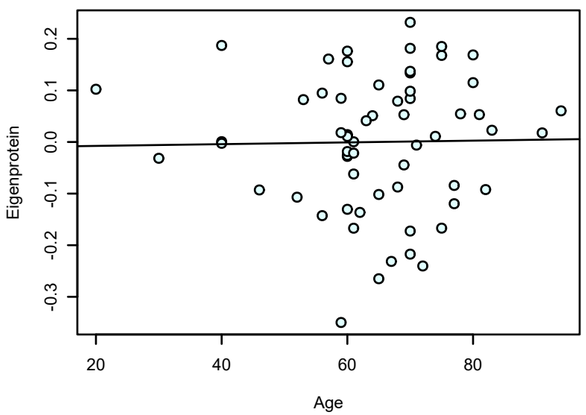

M16 lightcyan
T-test p = 0.16
Eigenprotein Value
control
cte_2

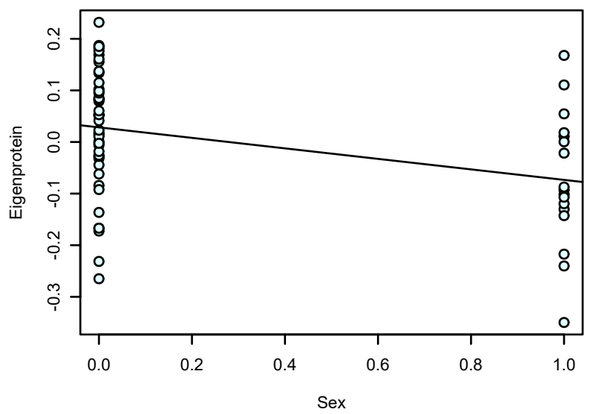

M16 lightcyan
T-test p = 0.31
Eigenprotein Value
control
cte_3

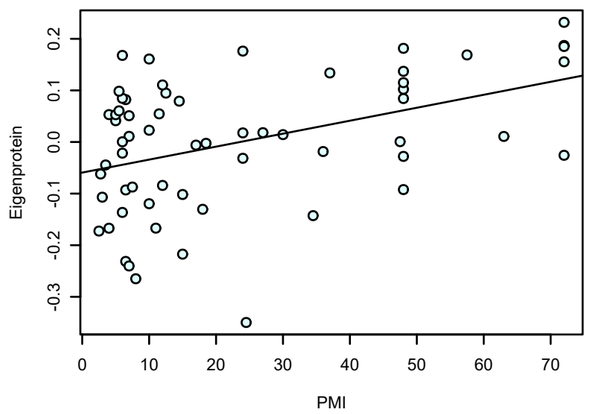

M16 lightcyan
T-test p = 0.38
Eigenprotein Value
control
cte_4

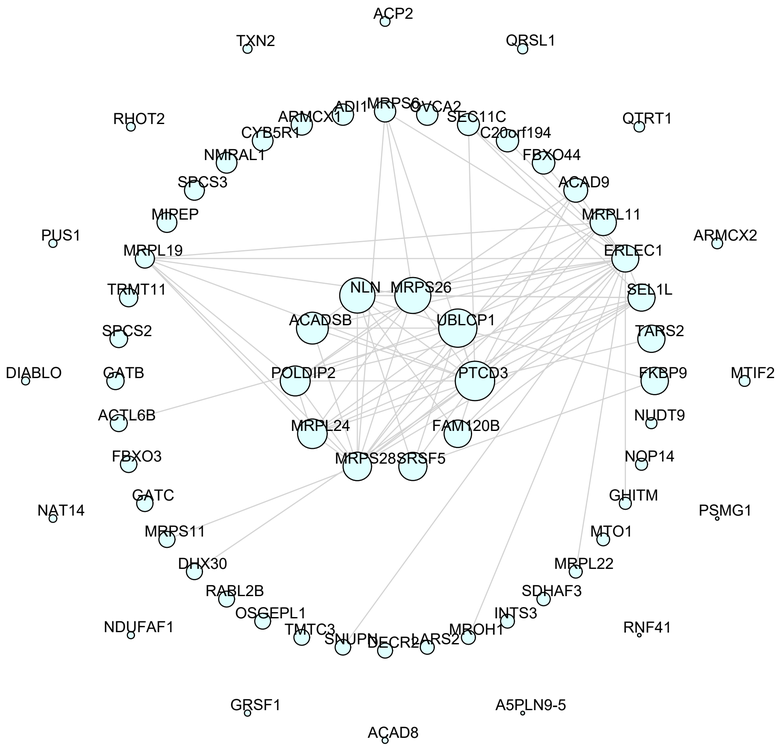

M16 lightcyan
T-test p = 0.34
Eigenprotein Value
control
ftd

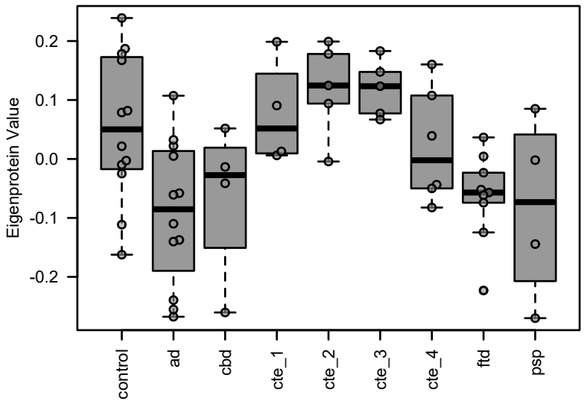

M16 lightcyan
T-test p = 0.088
Eigenprotein Value
control
psp

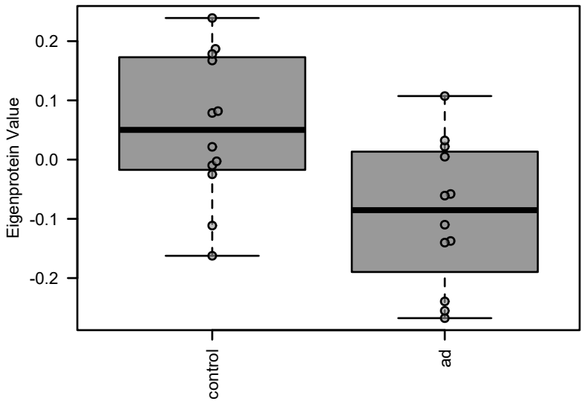

bicor=0.082, p=0.53
cor=0.017, p=0.9
Eigenprotein
Age

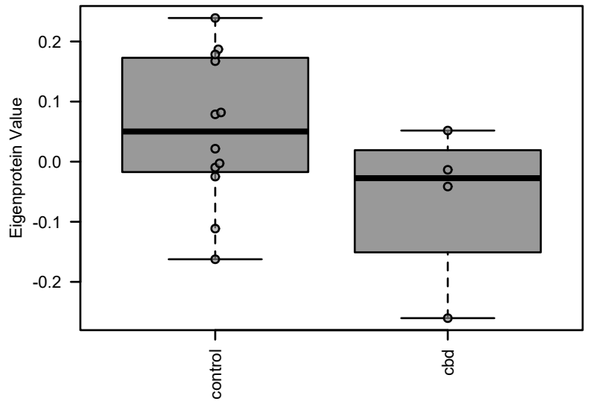

bicor=-0.35, p=0.0051
cor=-0.36, p=0.0044
Eigenprotein
Sex

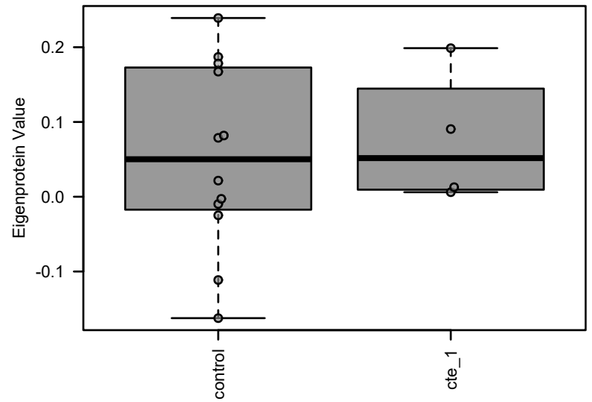

bicor=0.21, p=0.11
cor=0.43, p=0.00054
Eigenprotein
PMI

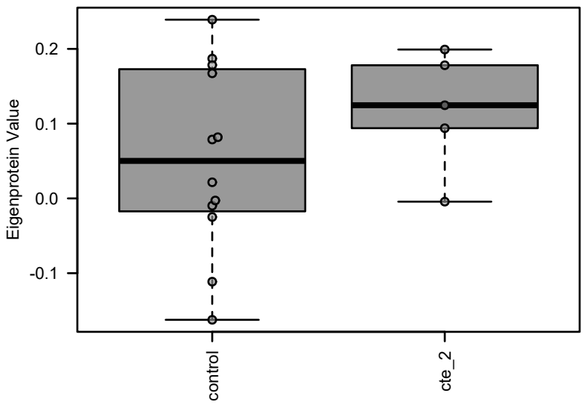

M16 lightcyan module
ACP2
TXN2
QRSL1
RHOT2
ARMCX1
ADI1
MRPS6
OVCA2
SEC11C
QTRT1
CYB5R1
C20orf194
NMRAL1
FBXO44
SPCS3
ACAD9
MIREP
MRPL11
PUS1
ARMCX2
MRPL19
ERLEC1
TRMT11
NLN
MRPS26
SEL1L
ACADSB
UBLCP1
SPCS2
TARS2
DIABLO
CATB
POLDIP2
PTCD3
FKBP9
MTIF2
ACTL6B
NUDT9
MRPL24
FAM120B
FBXO3
MRPS28
SRSF5
NOP14
GATC
GHITM
NAT14
PSMG1
MRPS11
MTO1
DHX30
MRPL22
RABL2B
SDHAF3
OSGEPL1
INTS3
NDUFAF1
TMTC3
SNUPN
NECR1
LARS2
MROH1
RNF41
GRSF1
A5PLN9-5
ACAD8
M16 lightcyan module hubs connected by top 152 TOM edges: HUB^degree
SNUPN1
GHITM1
MRPL221
C20orf1941
TARS21
MRPS64
FBXO441
POLDIP28
MRPL197
ACAD94
ERLEC119
MRPS2611
MRPL248
MROH11
PTCD318
MRPS2814
MRPL115
UBLCP18
FKBP92
NLN9
SEL1L9
SRSF54
SEC11C3
ACADSB5
FAM120B4
ACTL6B1
DHX301
MRPS111

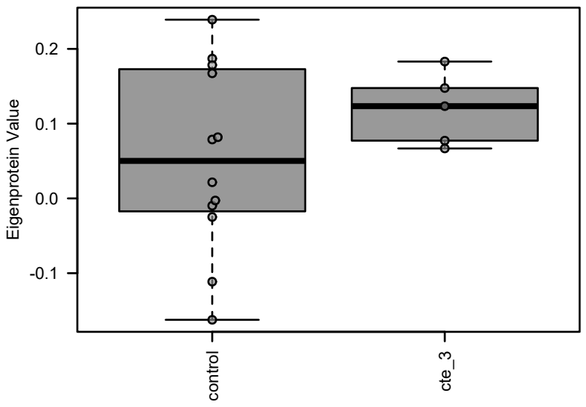

M17 grey60
1-way AOV p = 8e-04
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

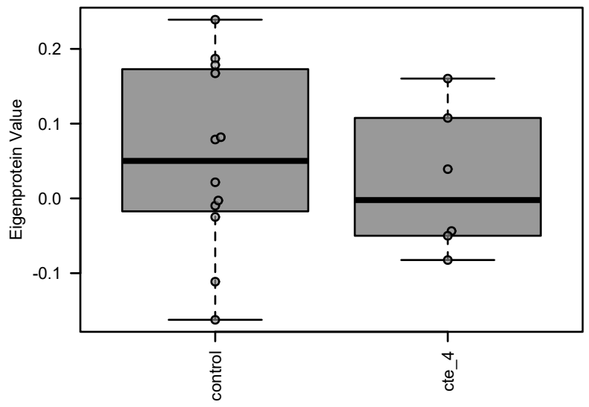

M17 grey60
T-test p = 0.0085
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

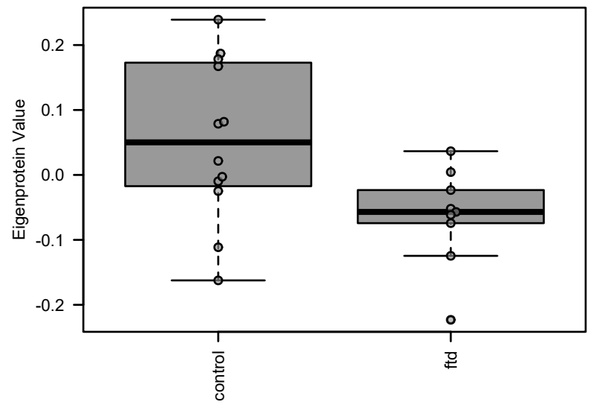

M17 grey60
T-test p = 0.13
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

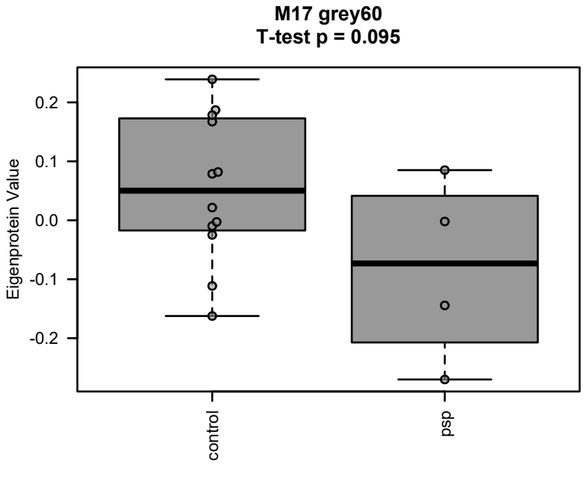

M17 grey60
T-test p = 0.74
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

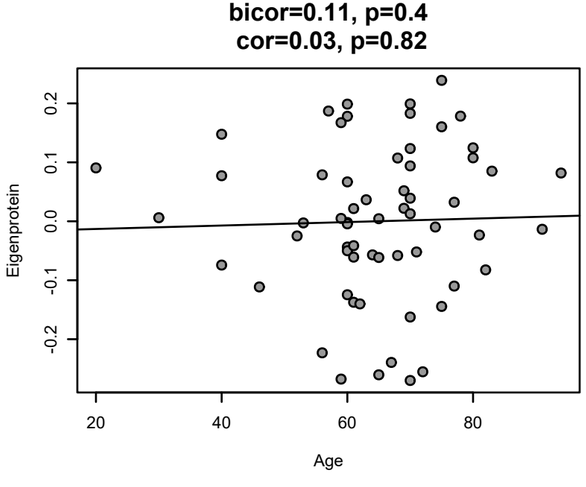

M17 grey60
T-test p = 0.3
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

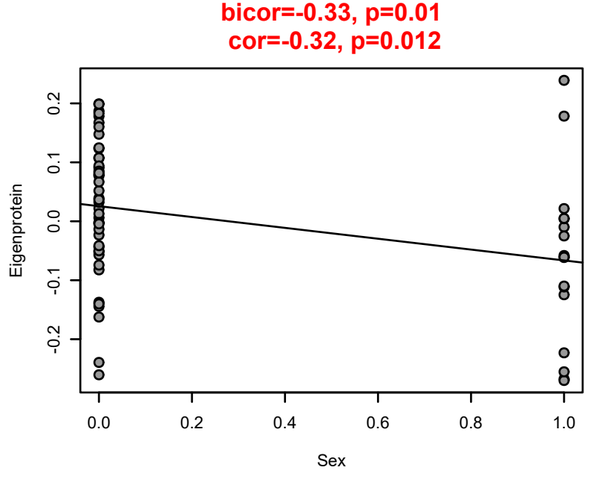

M17 grey60
T-test p = 0.27
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

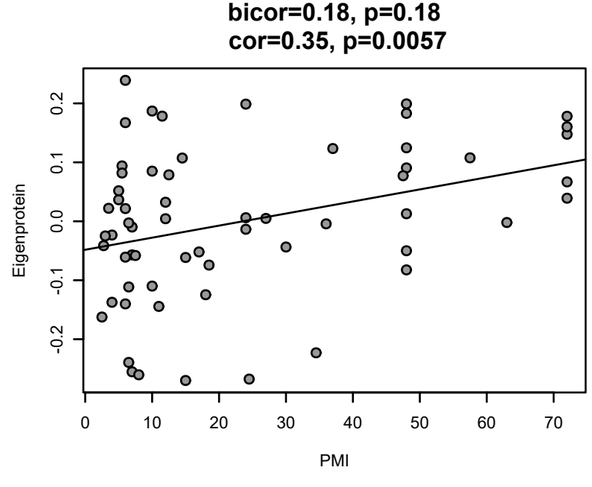

M17 grey60
T-test p = 0.59
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4


M17 grey60
T-test p = 0.022
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

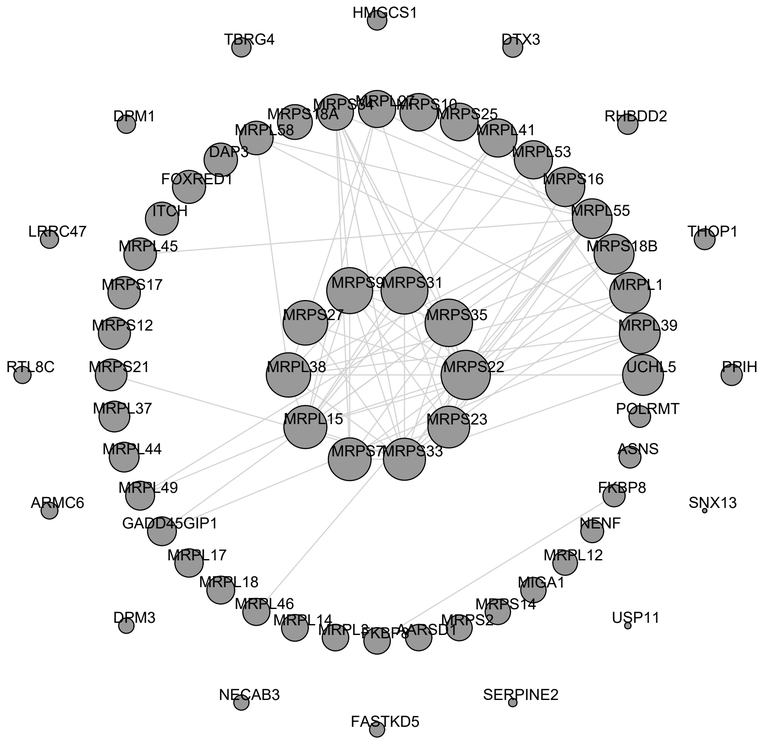

M17 grey60
T-test p = 0.095
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
psp


bicor=0.11, p=0.4
cor=0.03, p=0.82
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

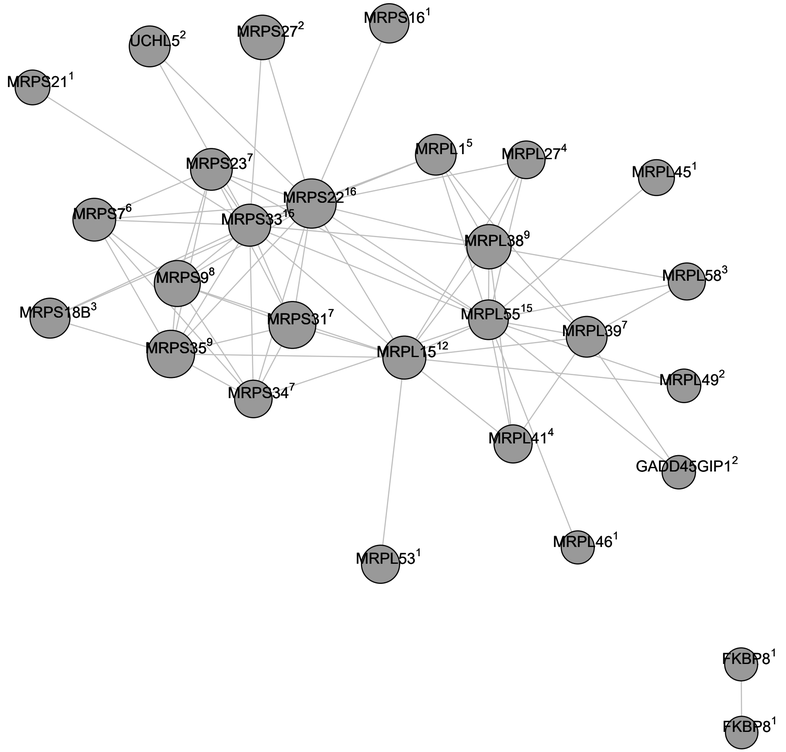

bicor=-0.33, p=0.01
cor=-0.32, p=0.012
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

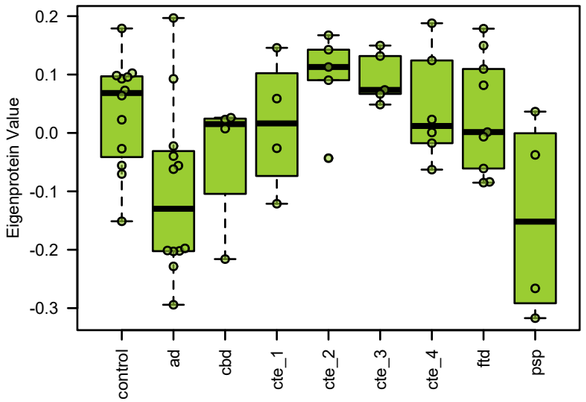

bicor=0.18, p=0.18
cor=0.35, p=0.0057
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

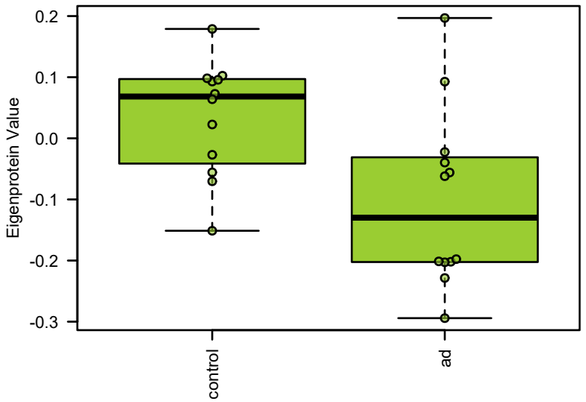
M17 grey60 module

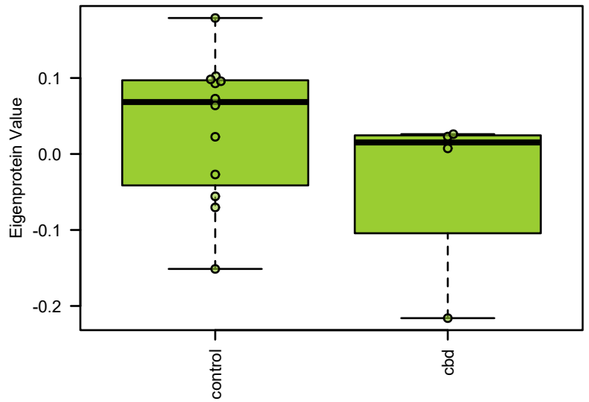


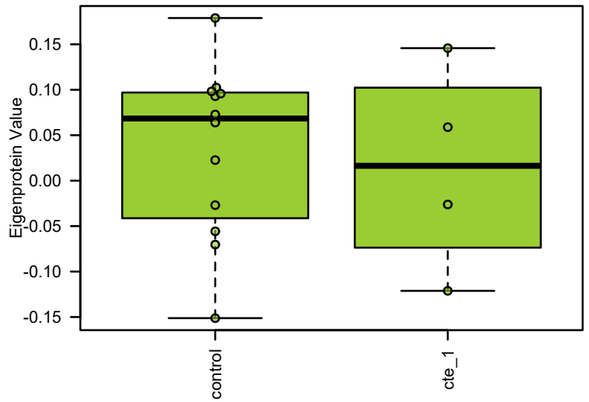
M17 grey60 module hubs connected by top 152 TOM edges: HUB^{degree}

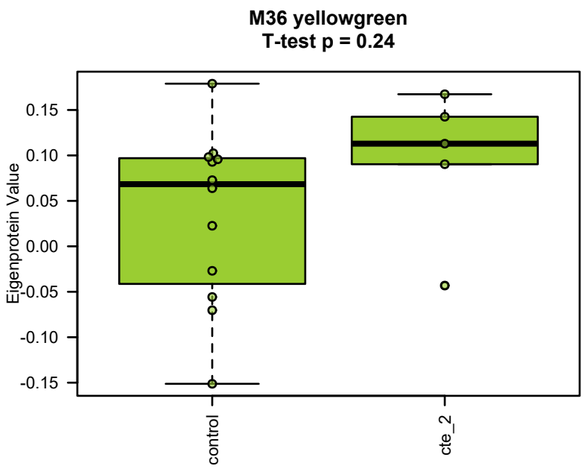


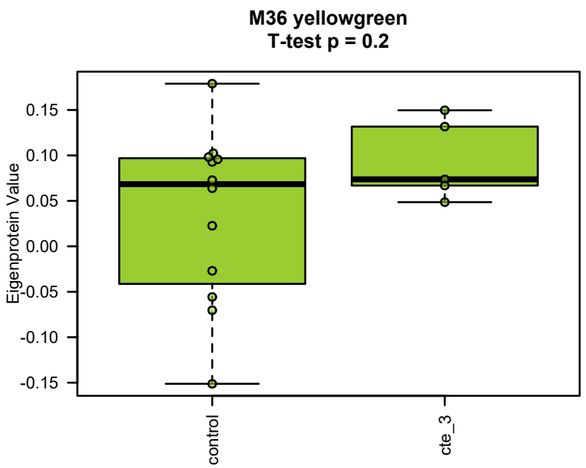

M36 yellowgreen
1-way AOV p = 0.0037
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

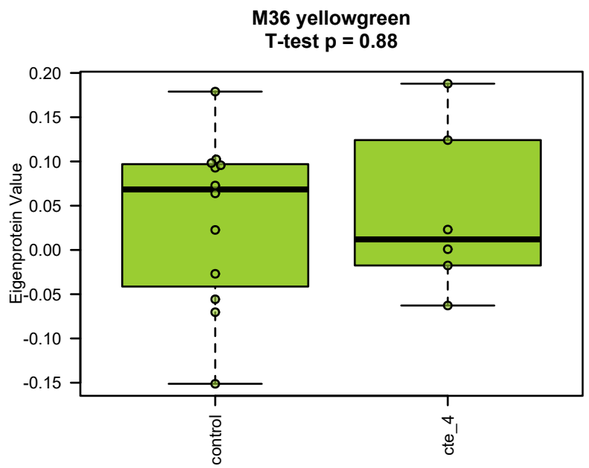

M36 yellowgreen
T-test p = 0.012
Eigenprotein Value
control
ad

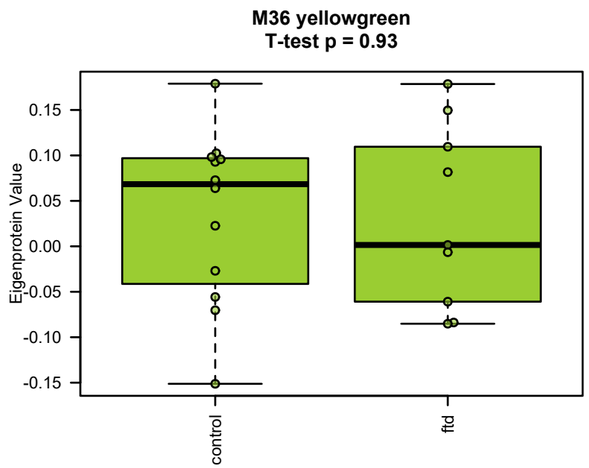

M36 yellowgreen
T-test p = 0.21
Eigenprotein Value
control
cbd

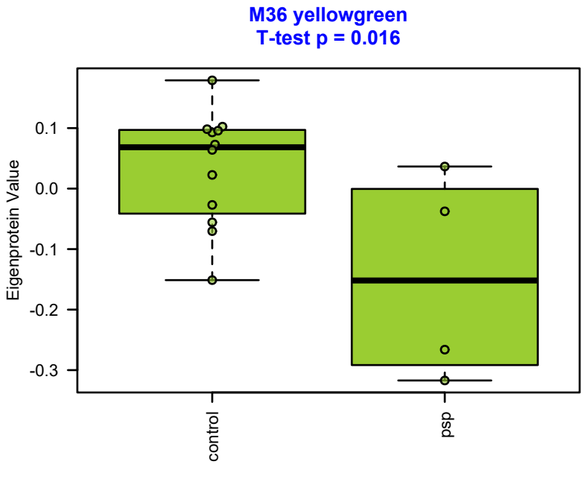

M36 yellowgreen
T-test p = 0.72
Eigenprotein Value
control
cte_1

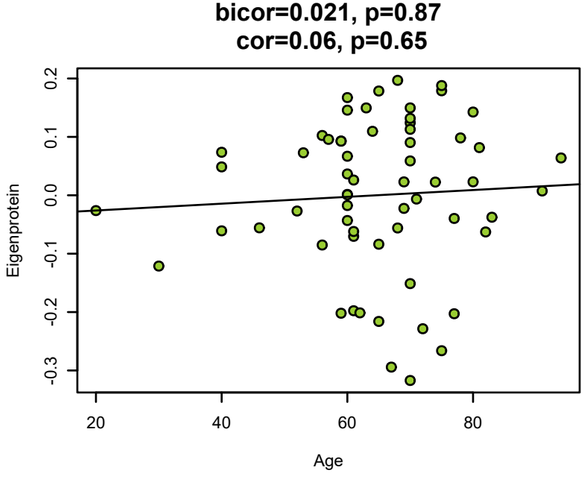

M36 yellowgreen
T-test p = 0.24
Eigenprotein Value
control
cte_2

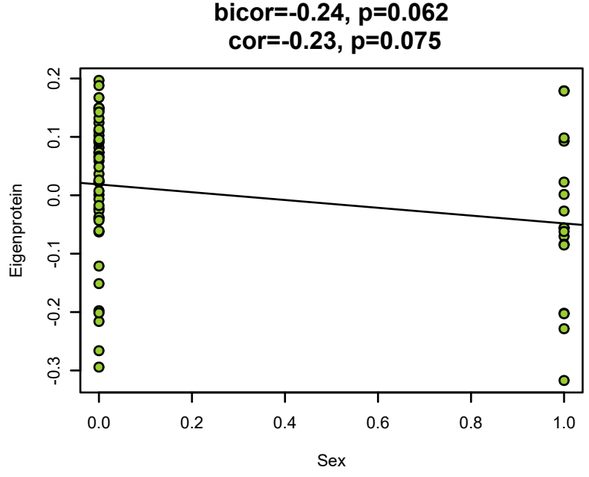

M36 yellowgreen
T-test p = 0.2
Eigenprotein Value
control
cte_3

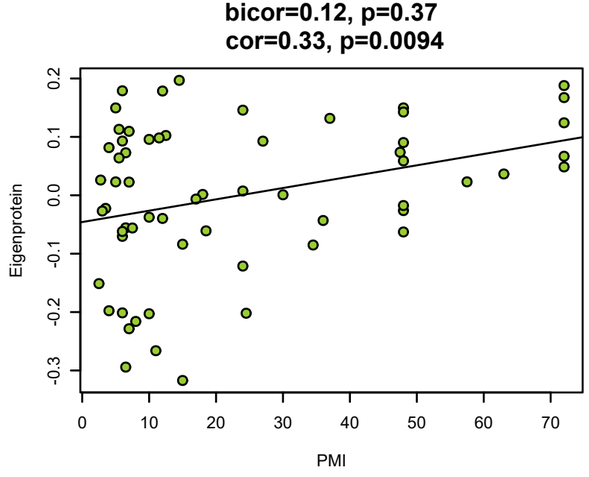

M36 yellowgreen
T-test p = 0.88
Eigenprotein Value
control
cte_4

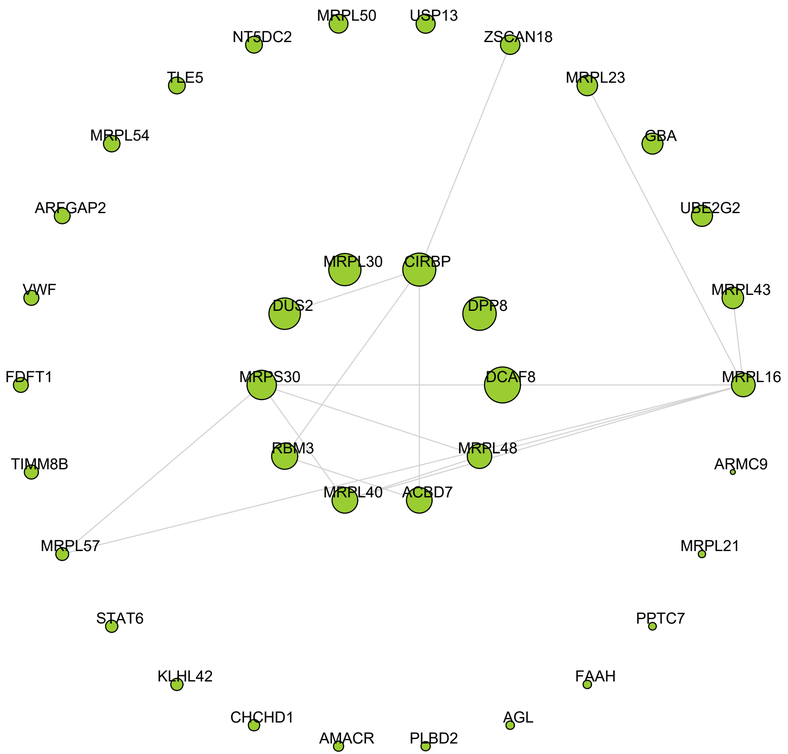

M36 yellowgreen
T-test p = 0.93
Eigenprotein Value
control
ftd

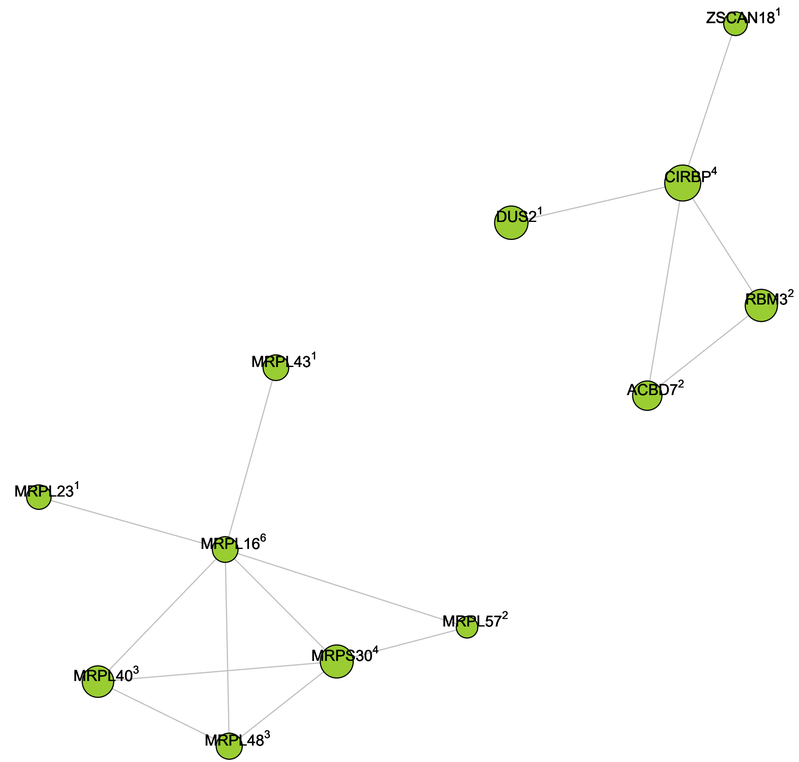

M36 yellowgreen
T-test p = 0.016
Eigenprotein Value
control
psp

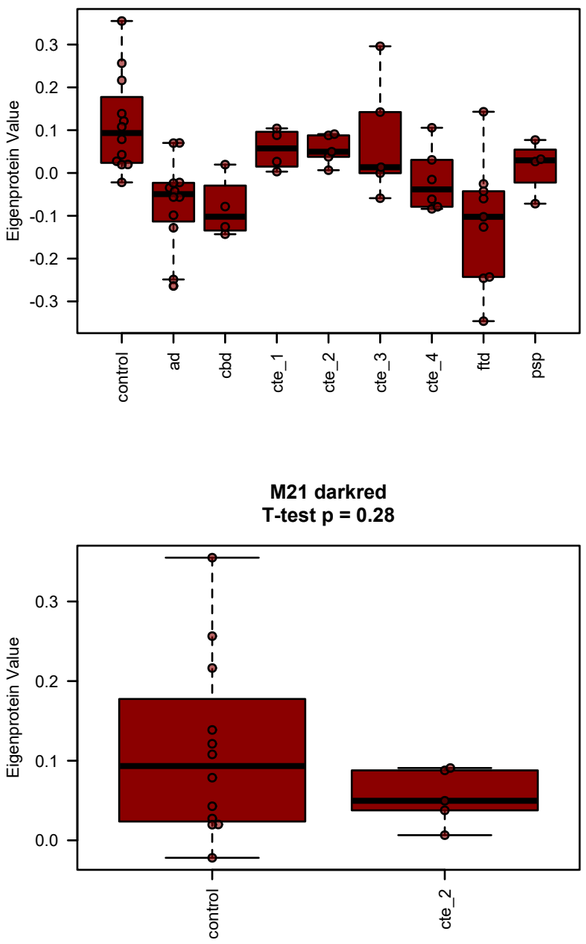

bicor=0.021, p=0.87
cor=0.06, p=0.65
Eigenprotein
Age

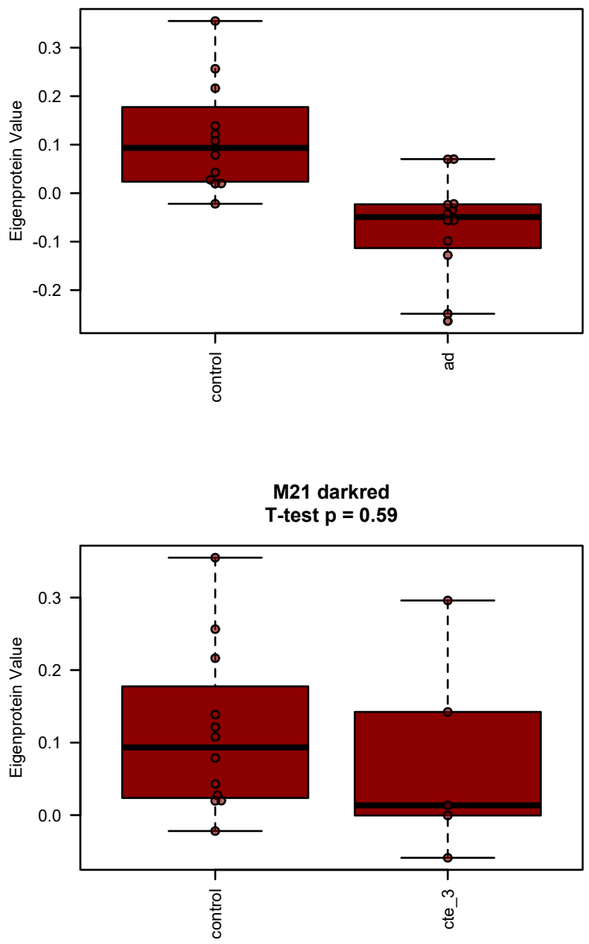

bicor=-0.24, p=0.062
cor=-0.23, p=0.075
Eigenprotein
Sex

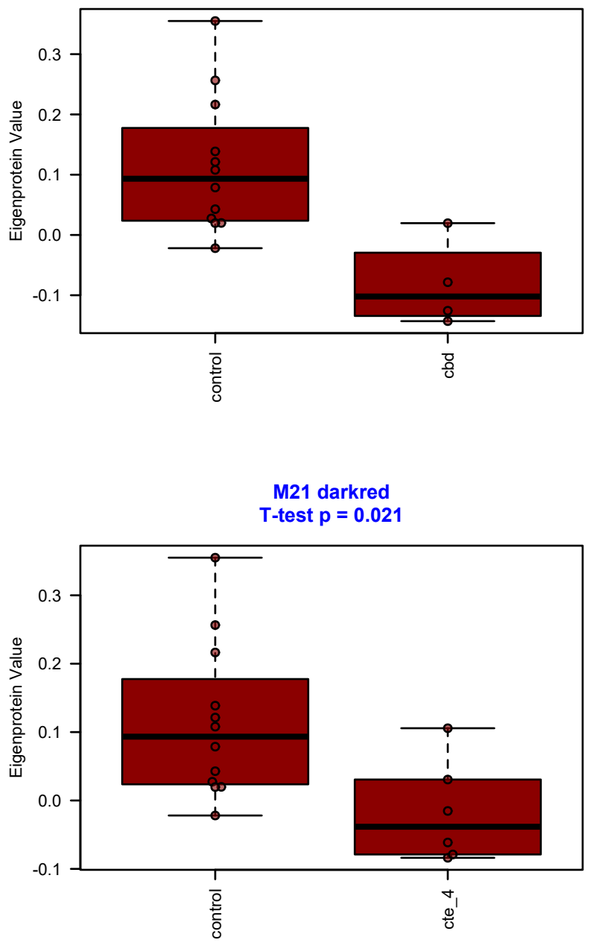

bicor=0.12, p=0.37
cor=0.33, p=0.0094
Eigenprotein
PMI

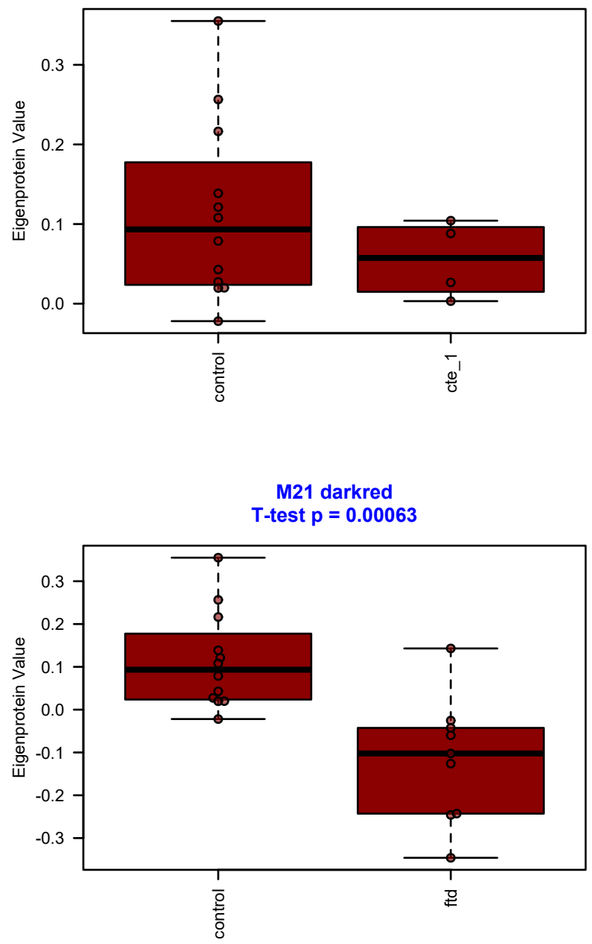

M36 yellowgreen module
MRPL50
USP13
NT5DC2
ZSCAN18
TLE5
MRPL23
MRPL54
GBA
ARFGAP2
UBE2G2
MRPL30
CIRBP
VWF
MRRL43
DUS2
DPP8
FDFT1
MRPS30
DCAF8
MRRL16
RBM3
MRRL48
TIMM8B
ARMC9
MRPL40
ACBD7
MRPL57
MRPL21
STAT6
PPTC7
KLHL42
FAAH
CHCHD1
AGL
AMACR
PLBD2

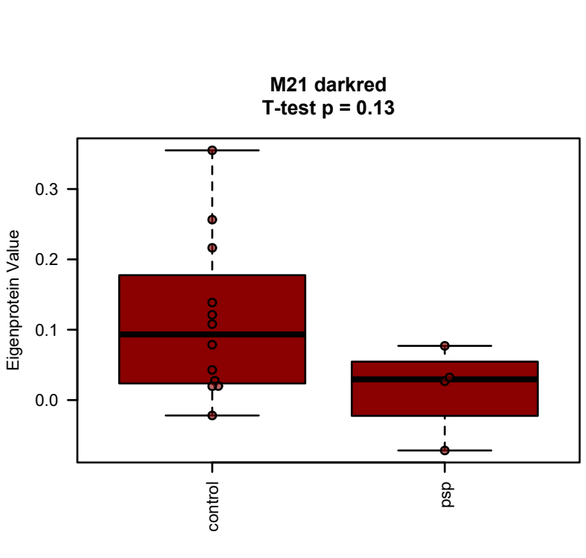

M36 yellowgreen module hubs connected by top 30 TOM edges: HUB degree
ZSCAN18 1
CIRBP 4
DUS2 1
RBM3 2
MRPL43 1
ACBD7 2
MRPL23 1
MRPL16 6
MRPL57 2
MRPS30 4
MRPL40 3
MRPL48 3

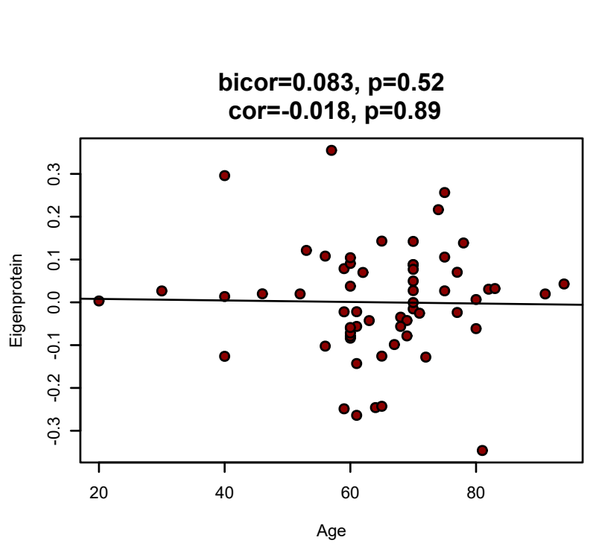

M21 darkred
1-way AOV p = 2e-04
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

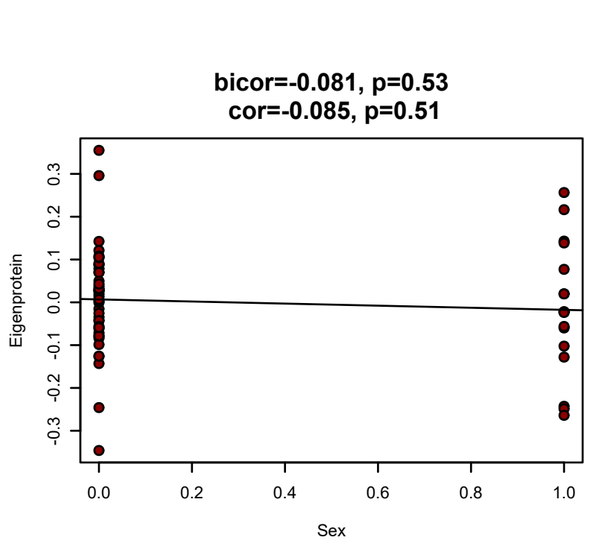

M21 darkred
T-test p = 0.00044
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad

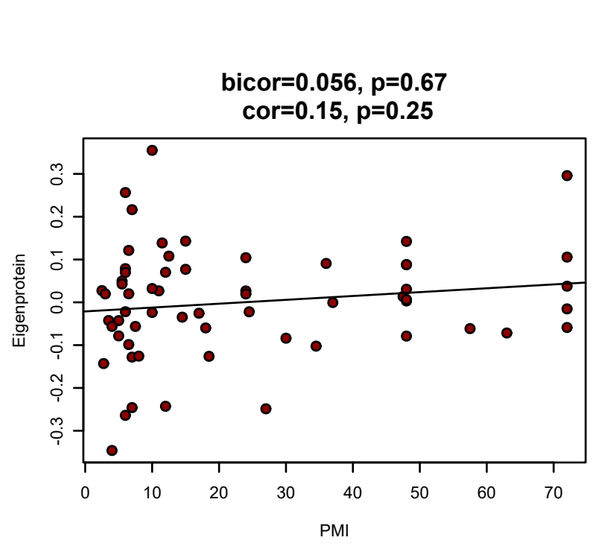

M21 darkred
T-test p = 0.0063
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cbd


M21 darkred
T-test p = 0.34
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_1


M21 darkred
T-test p = 0.28
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_2


M21 darkred
T-test p = 0.59
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_3


M21 darkred
T-test p = 0.021
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4


M21 darkred
T-test p = 0.00063
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

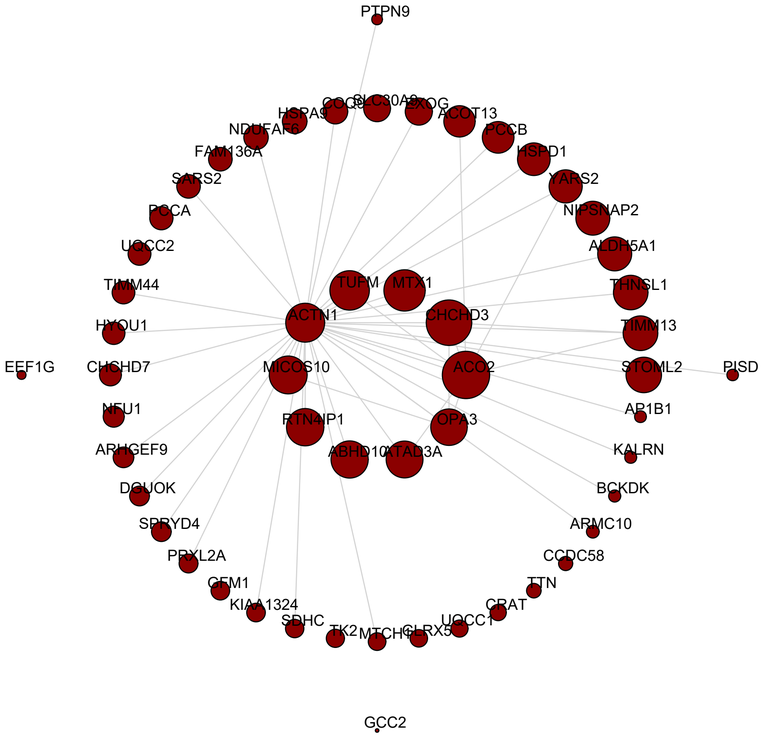
M21 darkred
T-test p = 0.13
Eigenprotein Value
0.3
0.2
0.1
0.0
control
psp

bicor=0.083, p=0.52
cor=-0.018, p=0.89
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

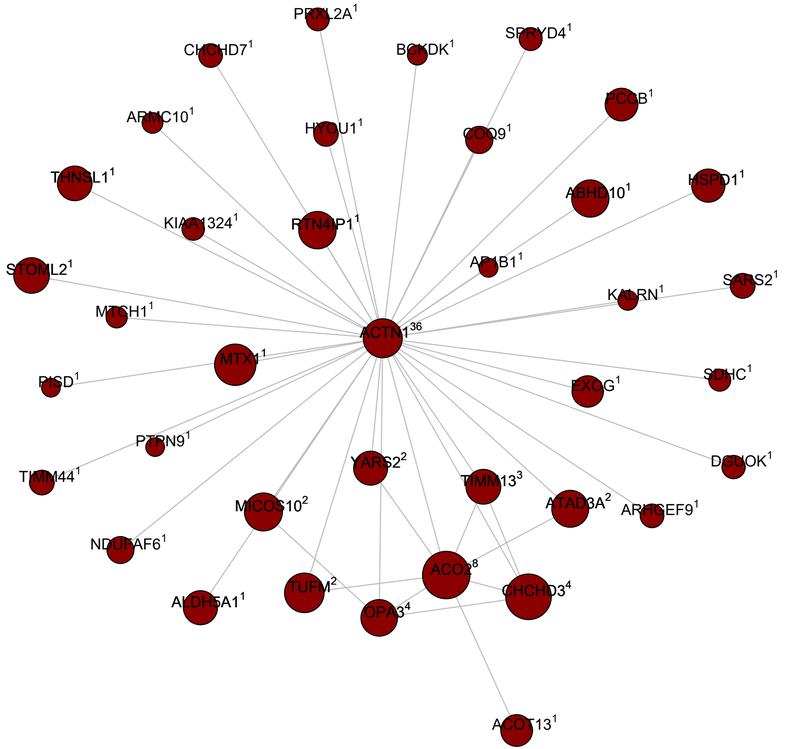
bicor=-0.081, p=0.53
cor=-0.085, p=0.51
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

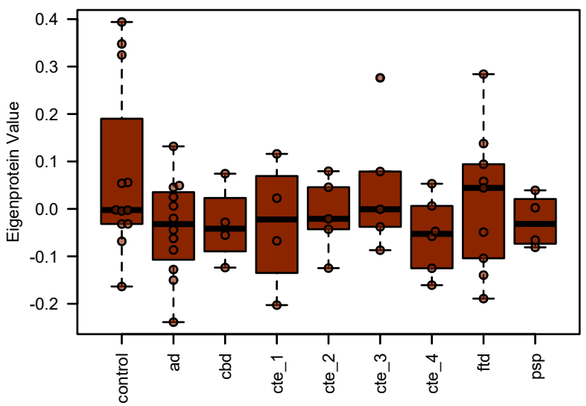
bicor=0.056, p=0.67
cor=0.15, p=0.25
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

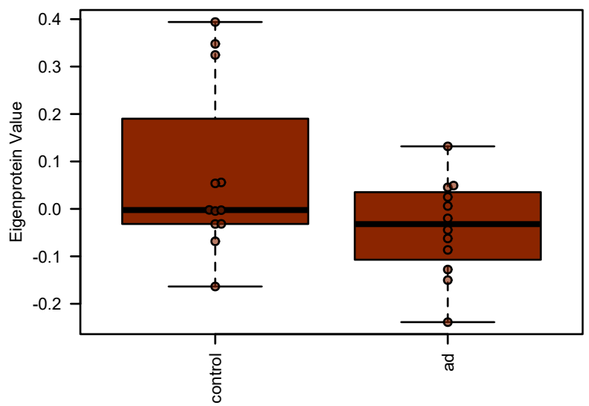
M21 darkred module

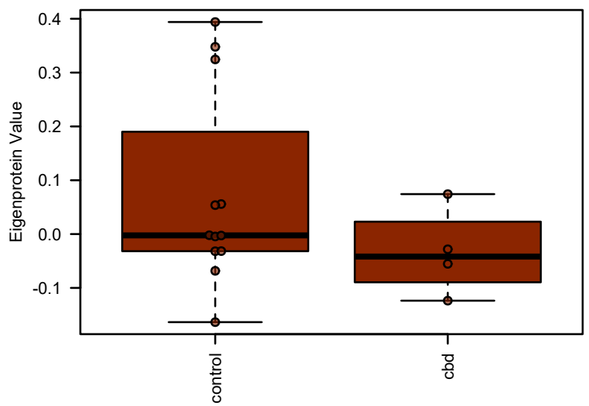


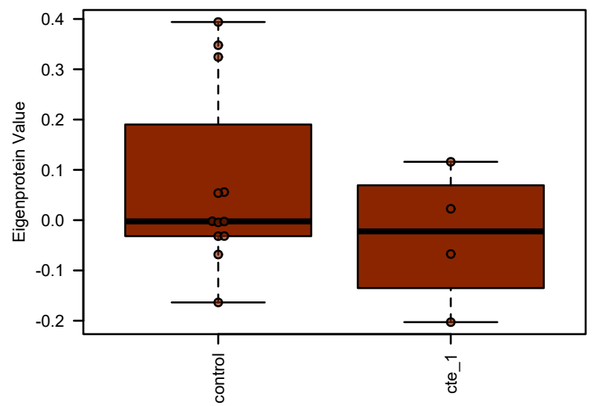
M21 darkred module hubs connected by top 92 TOM edges: HUB^{degree}

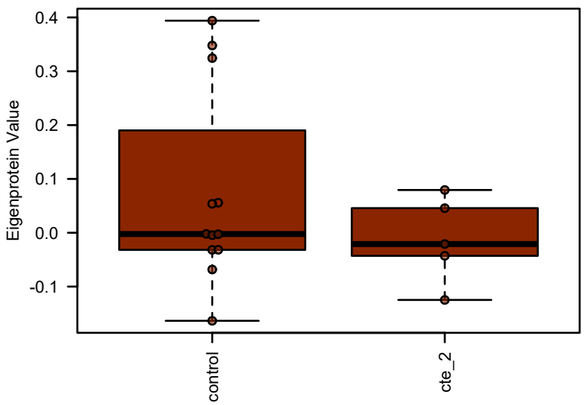


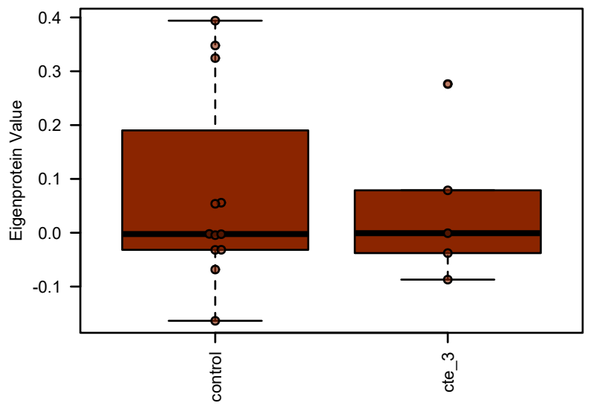

M39 orangered4
1-way AOV p = 0.5
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

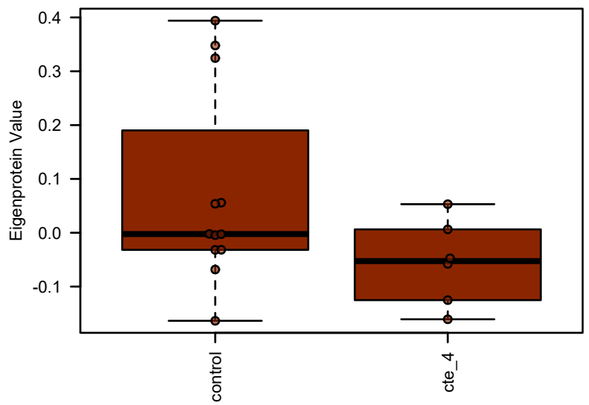

M39 orangered4
T-test p = 0.074
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad

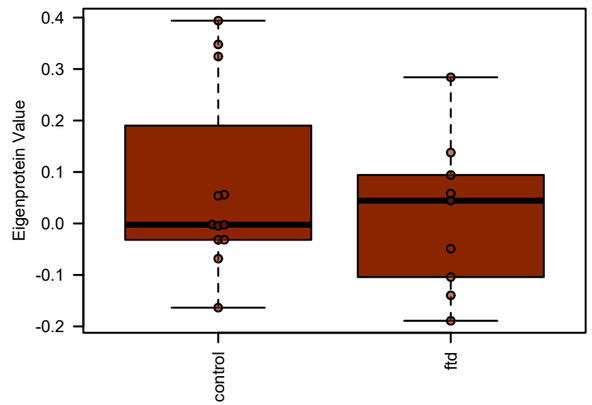

M39 orangered4
T-test p = 0.28
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cbd

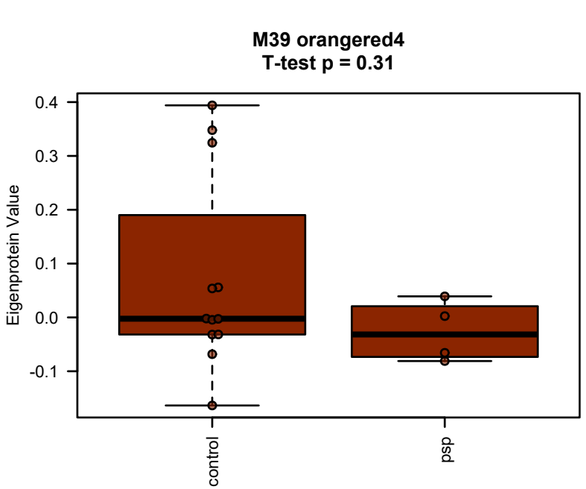

M39 orangered4
T-test p = 0.31
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

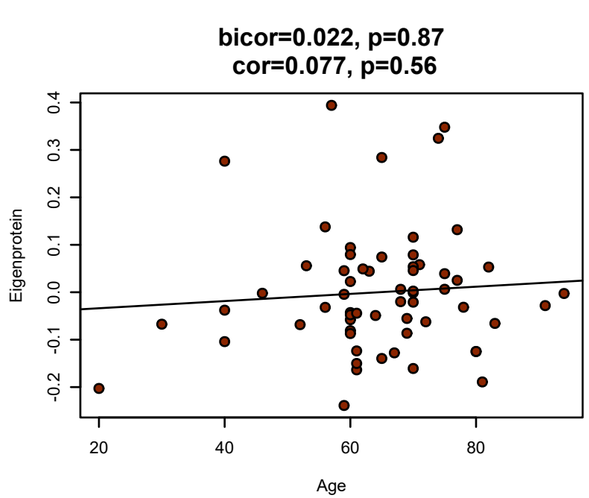

M39 orangered4
T-test p = 0.33
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_2

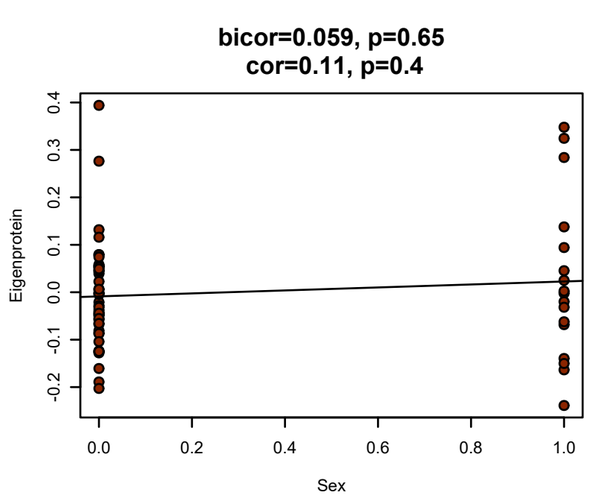

M39 orangered4
T-test p = 0.77
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_3

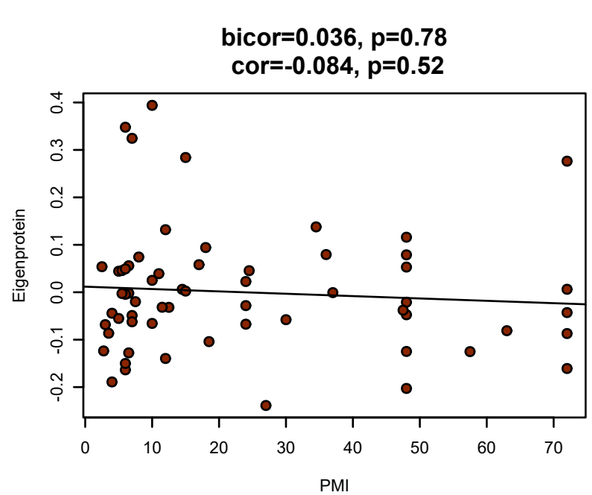

M39 orangered4
T-test p = 0.12
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_4

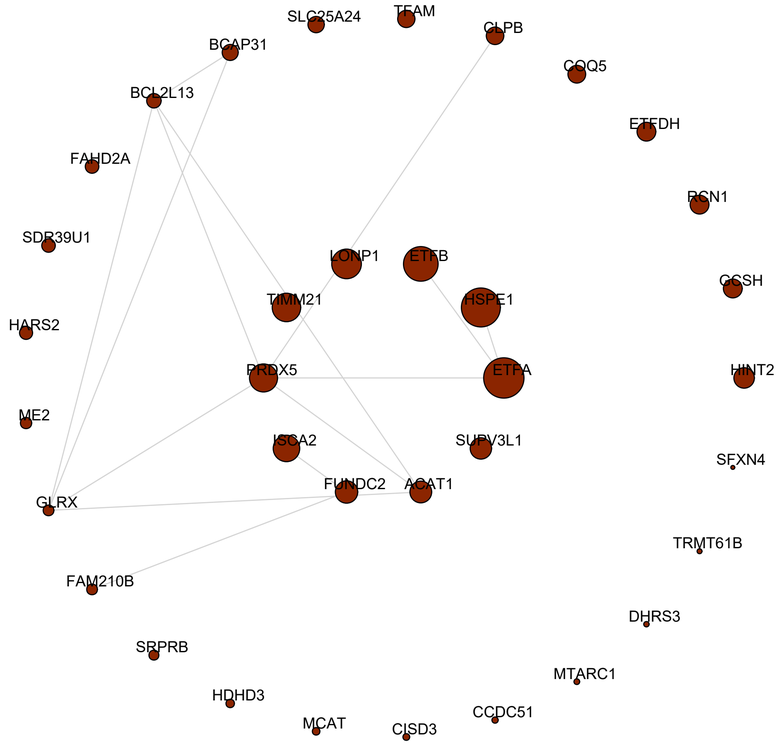

M39 orangered4
T-test p = 0.45
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

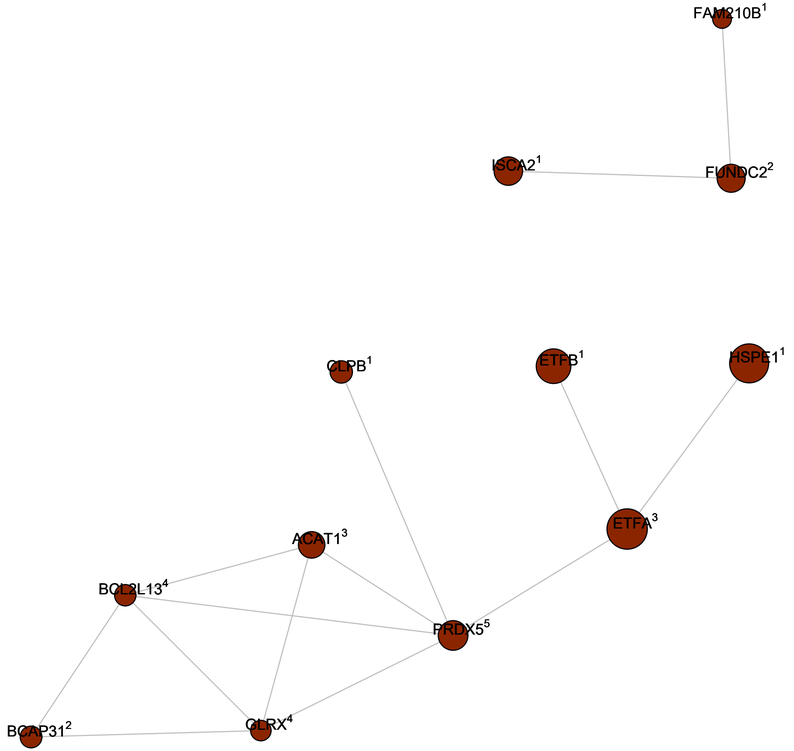

M39 orangered4
T-test p = 0.31
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
psp

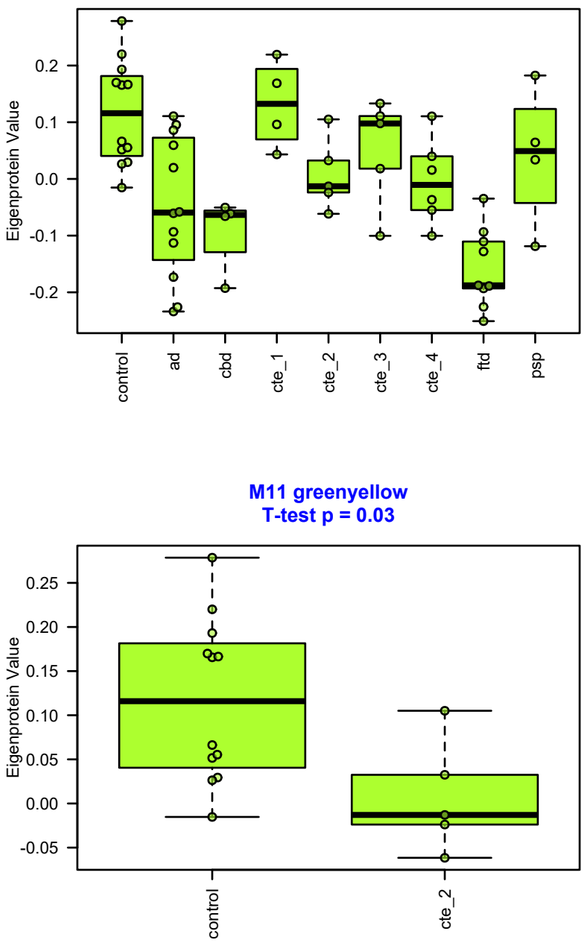

bicor=0.022, p=0.87
cor=0.077, p=0.56
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

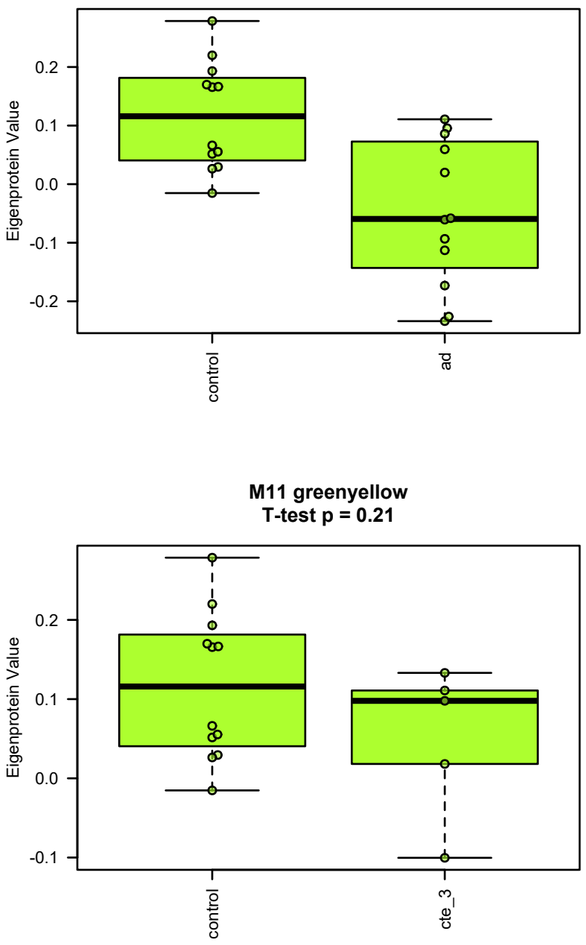

bicor=0.059, p=0.65
cor=0.11, p=0.4
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

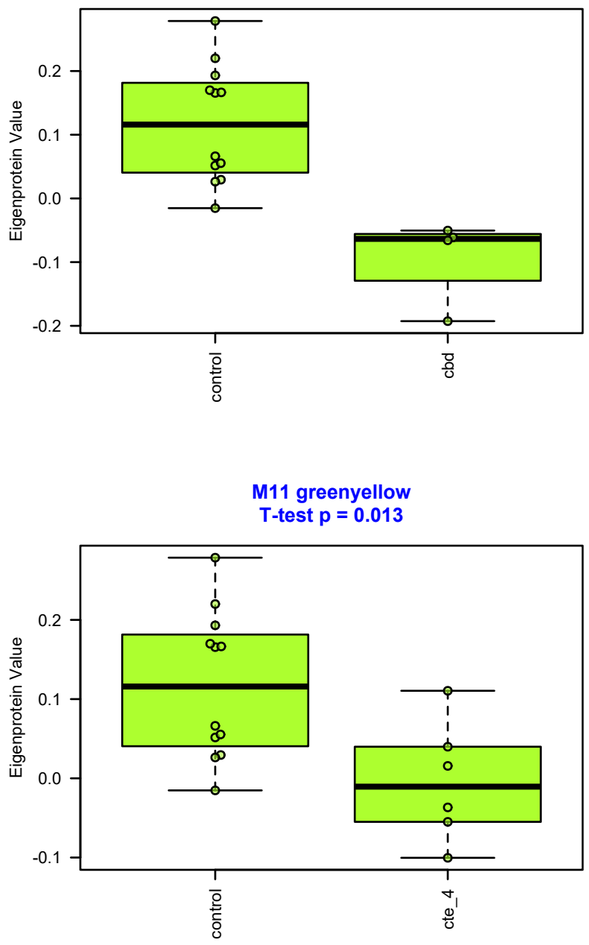

bicor=0.036, p=0.78
cor=-0.084, p=0.52
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

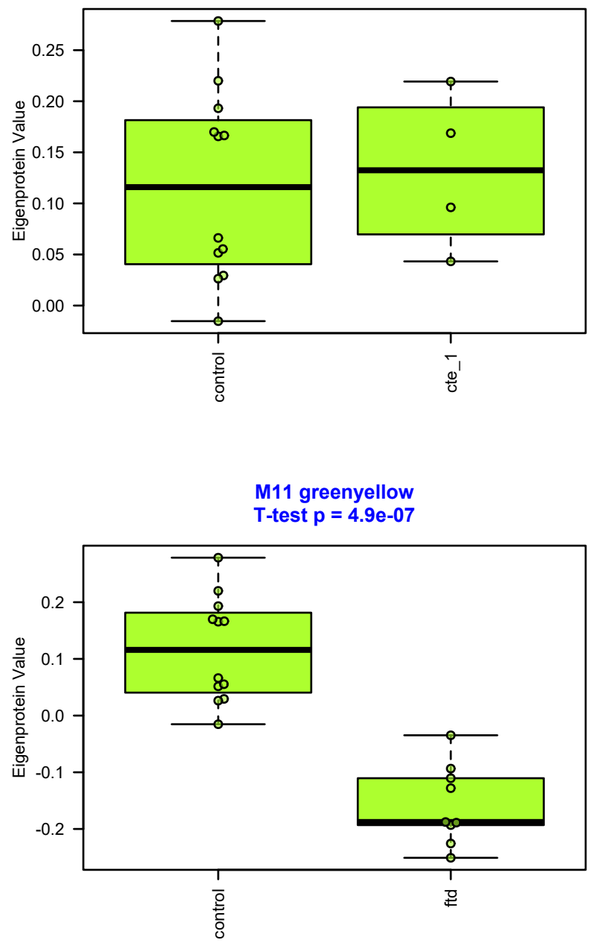

M39 orangered4 module
SLC25A24
TFAM
CLPB
BCAP31
COQ5
BCL2L13
ETFDH
FAHD2A
RCN1
SDR39U1
LONP1
ETFB
GCSH
TIMM21
HSPE1
HARS2
PRDX5
ETFA
HINT2
ME2
ISCA2
SUPV3L1
SFXN4
FUNDC2
ACAT1
GLRX
TRMT61B
FAM210B
DHRS3
SRPRB
MTARC1
HDHD3
CCDC51
MCAT
CISD3

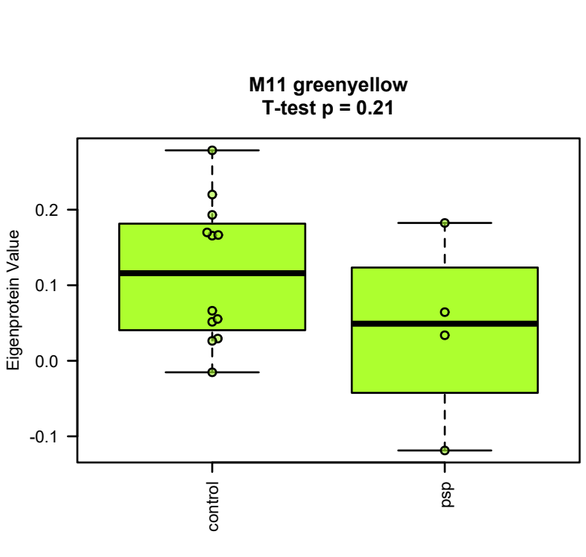

M39 orangered4 module hubs connected by top 28 TOM edges: HUB degree
FAM210B 1
ISCA2 1
FUNDC2 2
CLPB 1
ETFB 1
HSPE1 1
ETFA 3
ACAT1 3
BCL2L13 4
PRDX5 5
BCAP31 2
GLRX 4

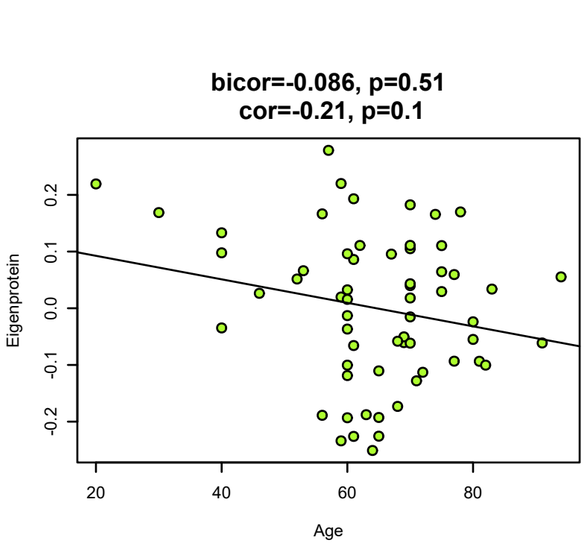

M11 greenyellow
1-way AOV p = 1.1e-06
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

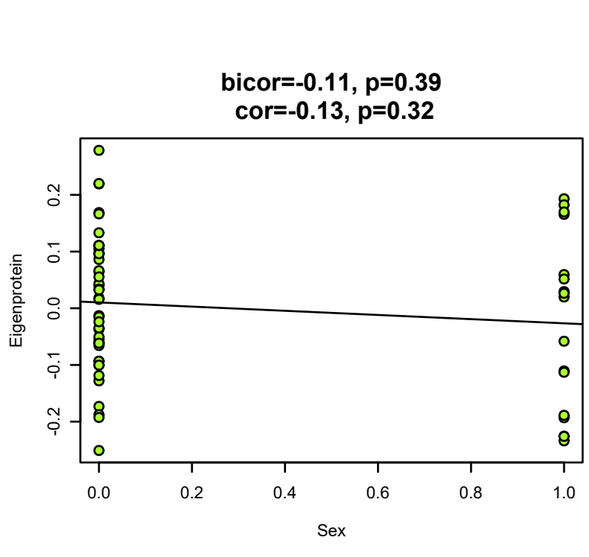

M11 greenyellow
T-test p = 0.0012
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

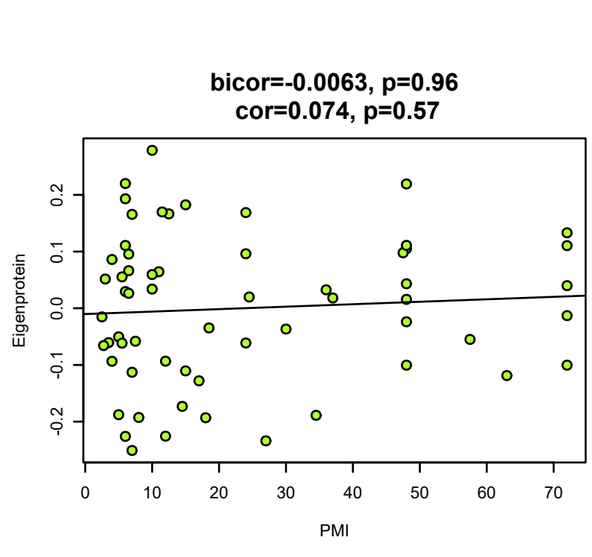

M11 greenyellow
T-test p = 0.00099
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd


M11 greenyellow
T-test p = 0.78
Eigenprotein Value
0.25
0.20
0.15
0.10
0.05
0.00
control
cte_1


M11 greenyellow
T-test p = 0.03
Eigenprotein Value
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
control
cte_2


M11 greenyellow
T-test p = 0.21
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3


M11 greenyellow
T-test p = 0.013
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4


M11 greenyellow
T-test p = 4.9e-07
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

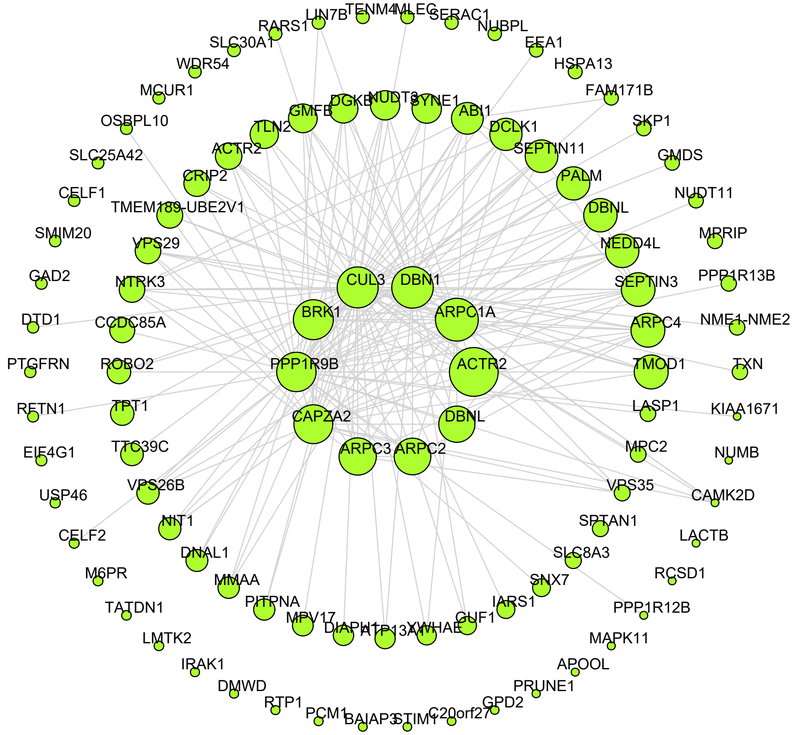
M11 greenyellow
T-test p = 0.21
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

bicor=-0.086, p=0.51
cor=-0.21, p=0.1
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

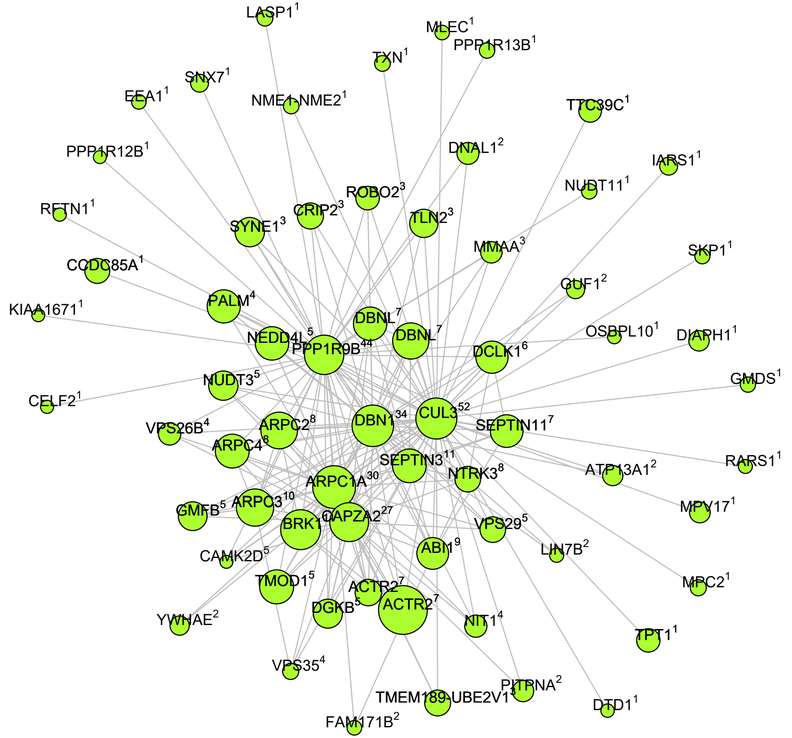
bicor=-0.11, p=0.39
cor=-0.13, p=0.32
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

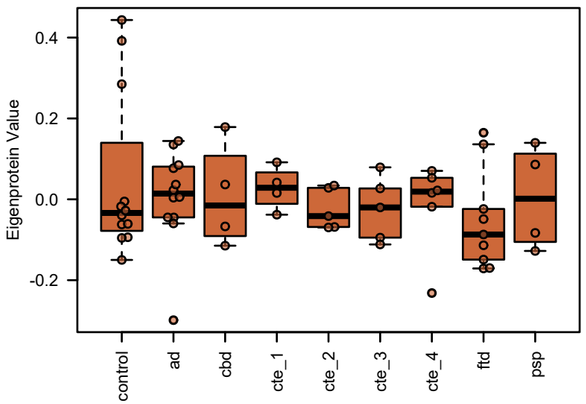
bicor=-0.0063, p=0.96
cor=0.074, p=0.57
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

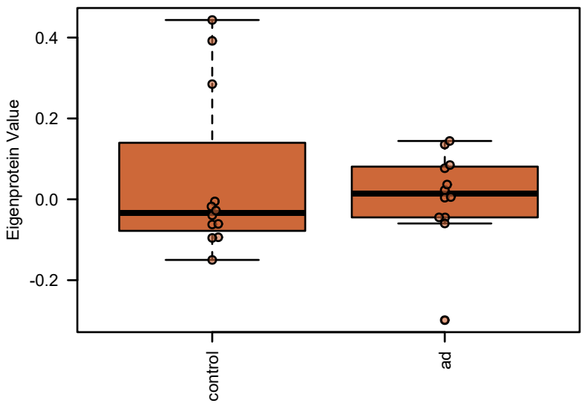
M11 greenyellow module

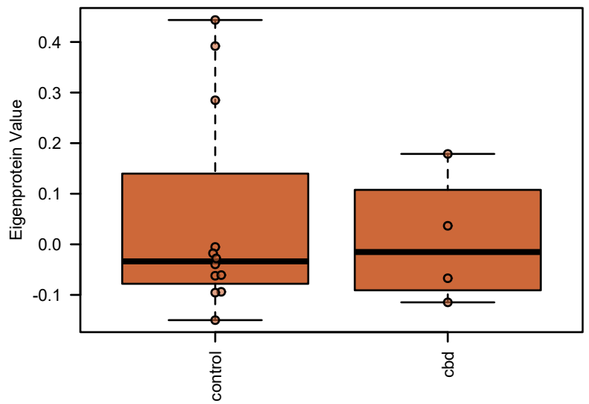


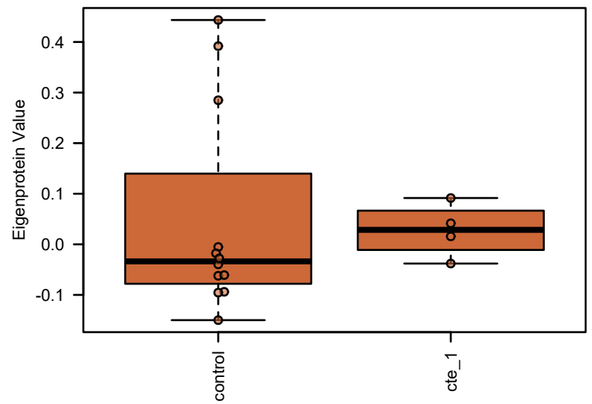
M11 greenyellow module hubs connected by top 400 TOM edges: HUB^{degree}

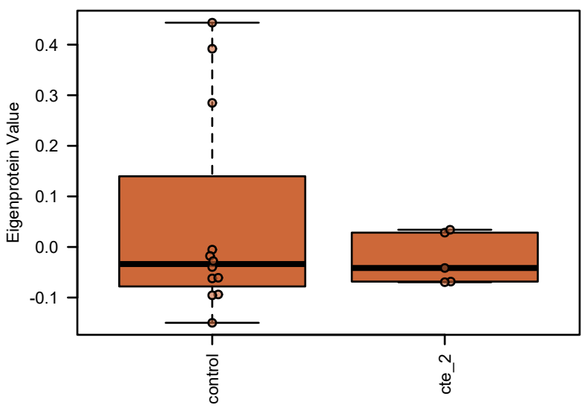


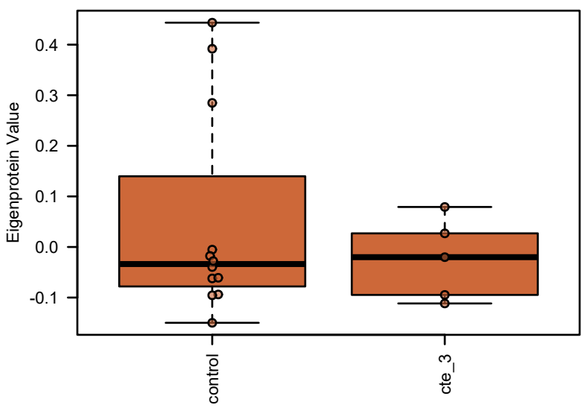

M35 sienna3
1-way AOV p = 0.9
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

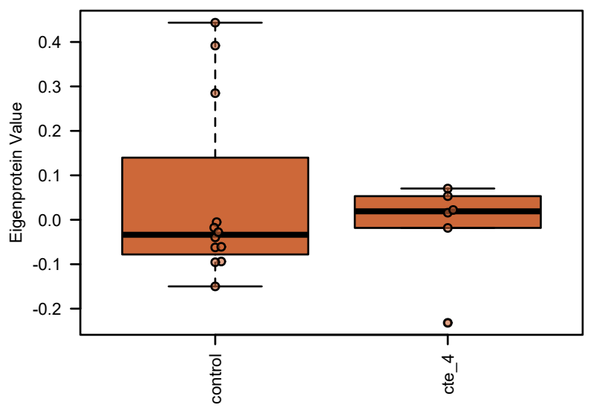

M35 sienna3
T-test p = 0.54
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
ad

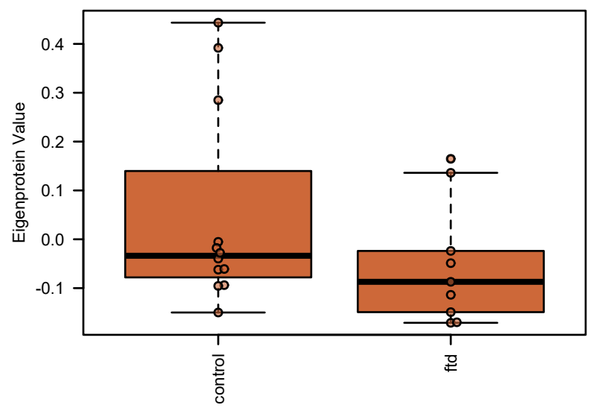

M35 sienna3
T-test p = 0.73
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cbd

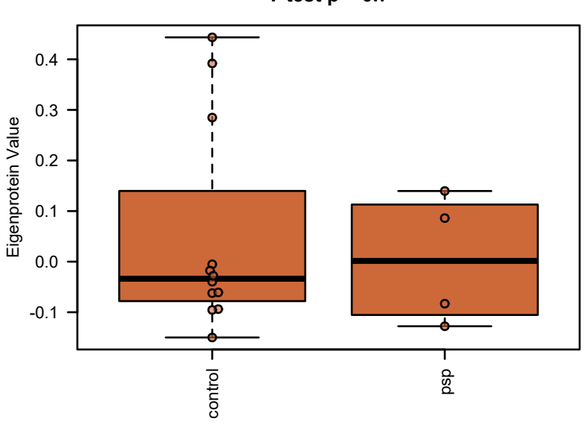

M35 sienna3
T-test p = 0.85
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_1

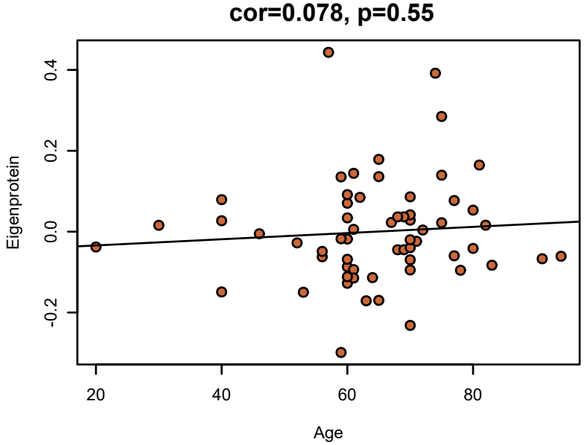

M35 sienna3
T-test p = 0.46
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_2

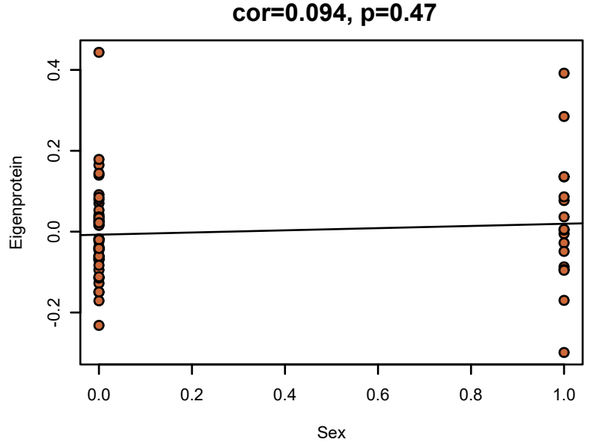

M35 sienna3
T-test p = 0.47
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_3

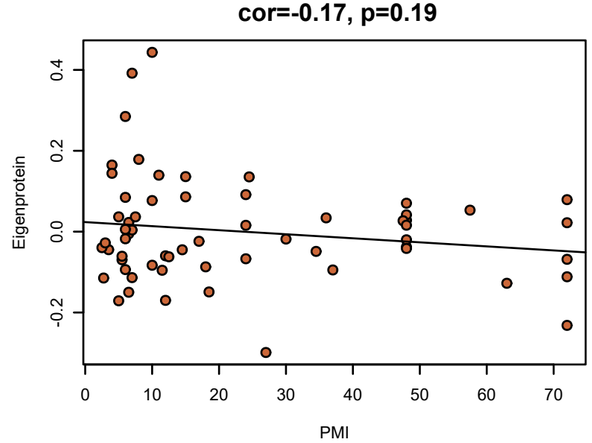

M35 sienna3
T-test p = 0.5
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

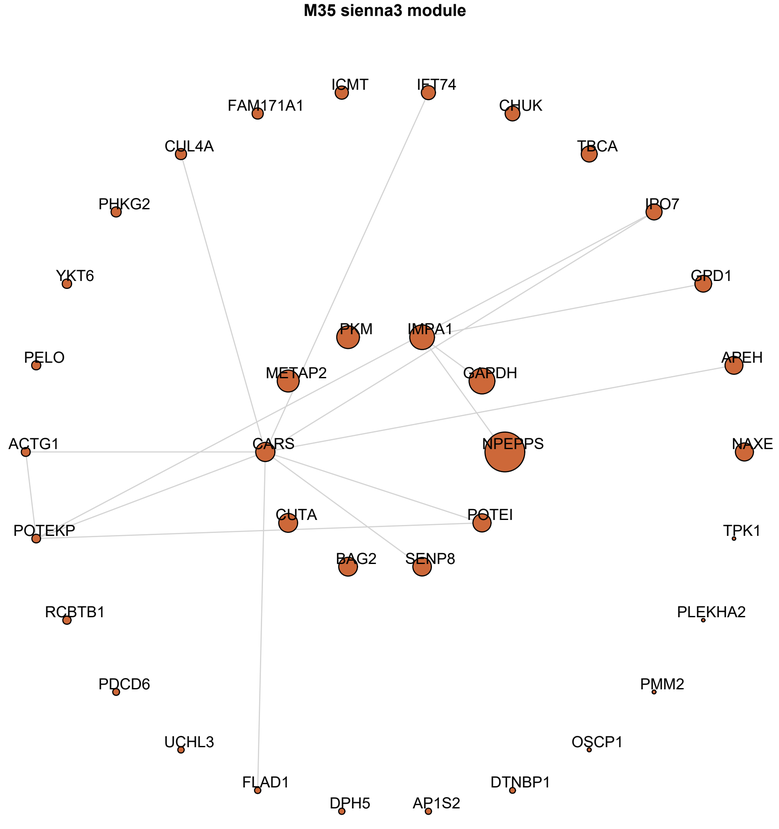

M35 sienna3
T-test p = 0.22
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

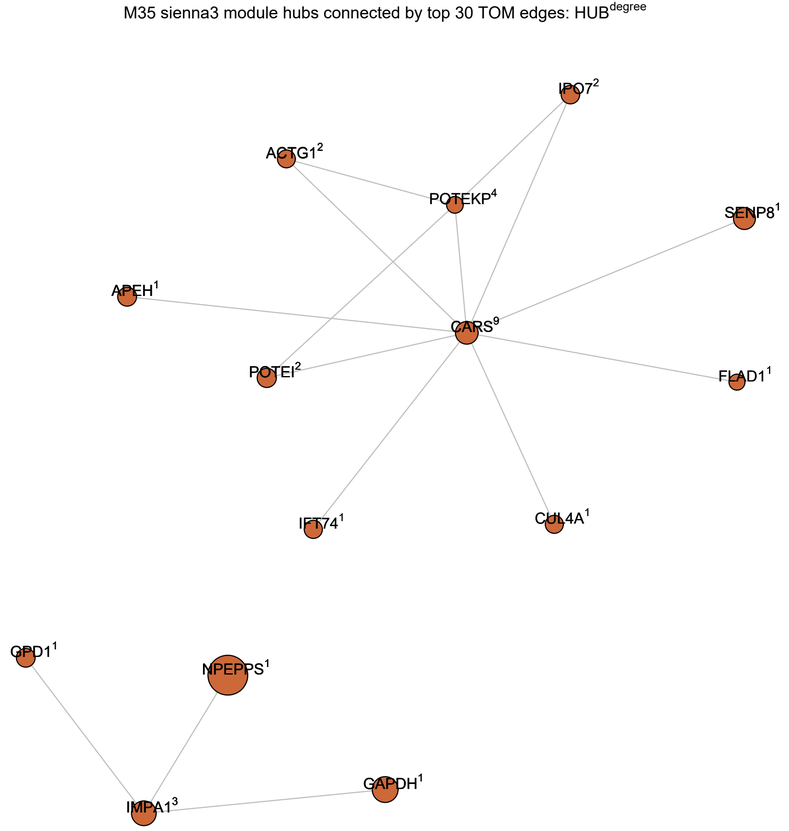

M35 sienna3
T-test p = 0.7
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
psp

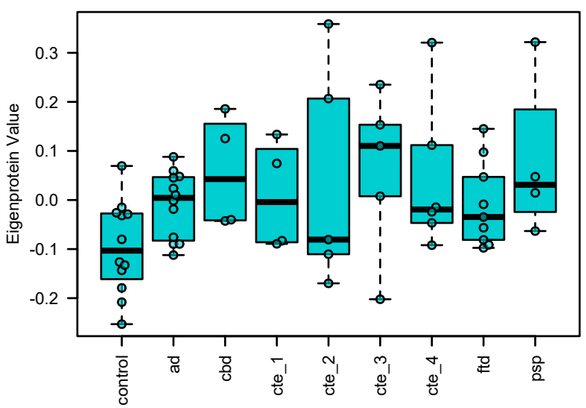

bicor=0.16, p=0.23
cor=0.078, p=0.55
Eigenprotein
0.4
0.2
0.0
-0.2
20
40
60
80
Age

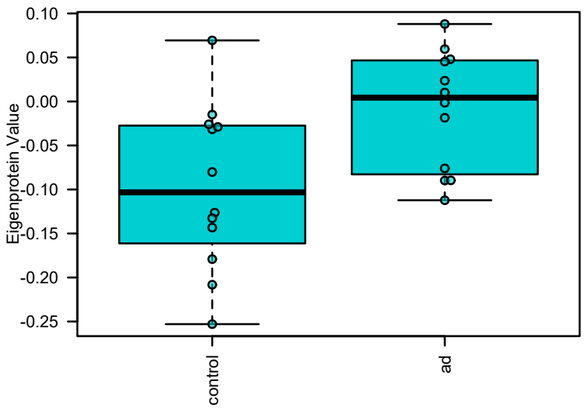

bicor=0.082, p=0.53
cor=0.094, p=0.47
Eigenprotein
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

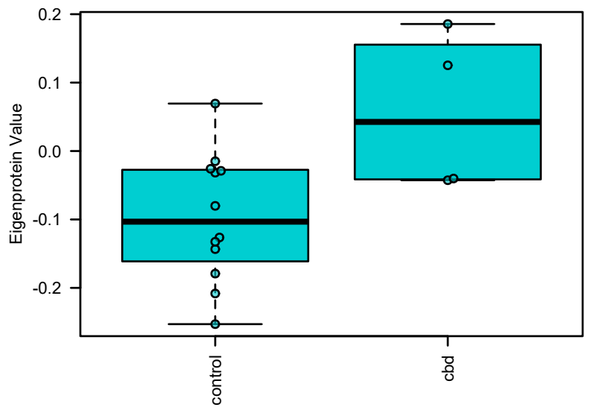

bicor=0.0042, p=0.97
cor=-0.17, p=0.19
Eigenprotein
0.4
0.2
0.0
-0.2
0
10
20
30
40
50
60
70
PMI

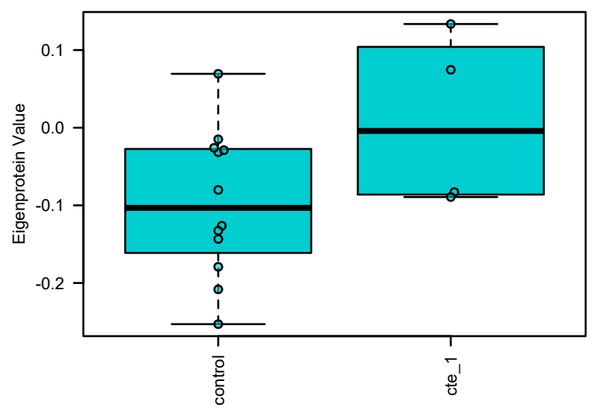

M35 sienna3 module
ICMT
IFT74
FAM171A1
CHUK
CUL4A
TBCA
PHKG2
IPO7
YKT6
GPD1
PKM
IMPA1
PELO
METAP2
GAPDH
APEH
ACTG1
CARS
NPEPPS
NAXE
CUTA
POTEI
POTEKP
TPK1
BAG2
SENP8
RCBTB1
PLEKHA2
PDCD6
PMM2
UCHL3
OSCP1
FLAD1
DTNBP1
DPH5
AP1S2

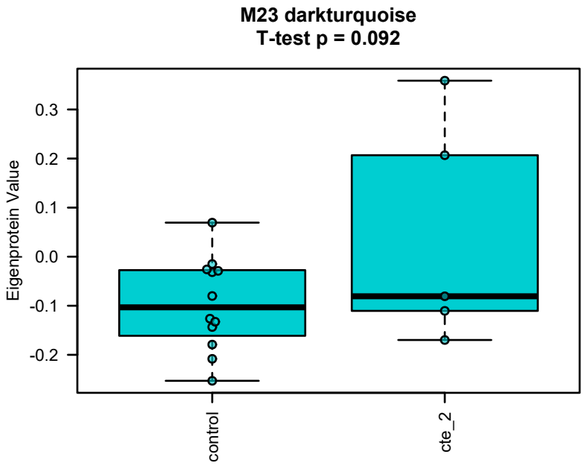

M35 sienna3 module hubs connected by top 30 TOM edges: HUB degree
IPO7 2
ACTG1 2
POTEKP 4
SENP8 1
APEH 1
CARS 9
POTEI 2
FLAD1 1
IFT74 1
CUL4A 1
GPD1 1
NPEPPS 1
GAPDH 1
IMPA1 3

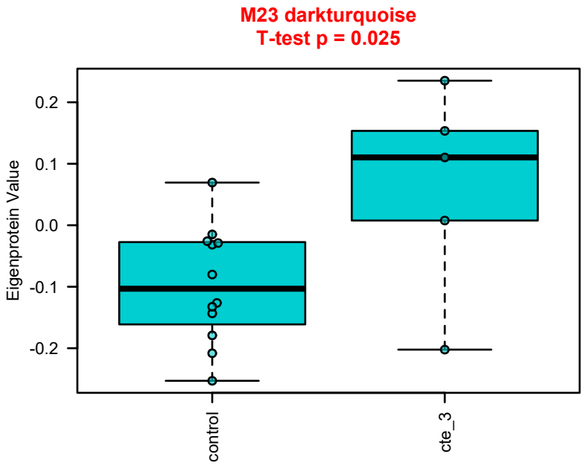

M23 darkturquoise
1-way AOV p = 0.17
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

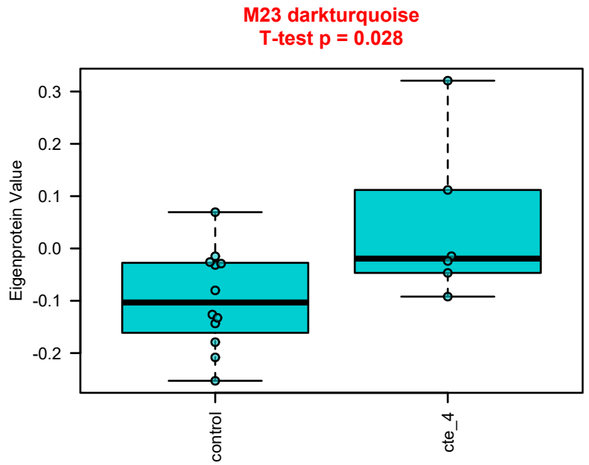

M23 darkturquoise
T-test p = 0.016
Eigenprotein Value
control
ad

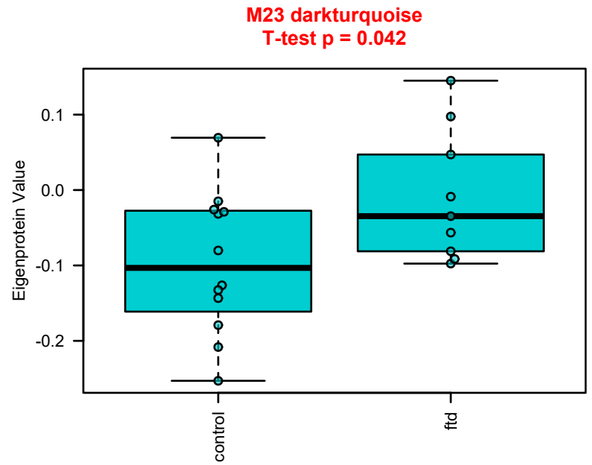

M23 darkturquoise
T-test p = 0.018
Eigenprotein Value
control
cbd

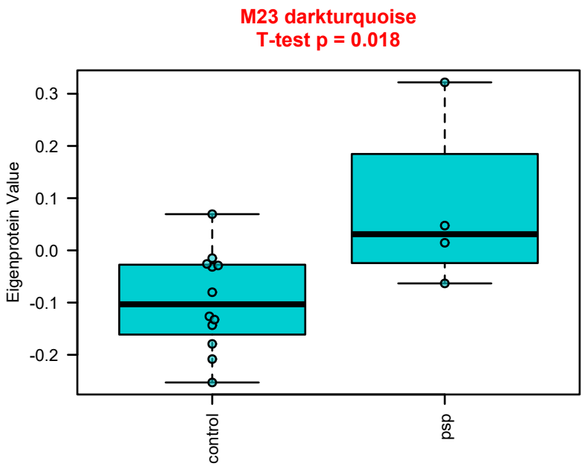

M23 darkturquoise
T-test p = 0.084
Eigenprotein Value
control
cte_1

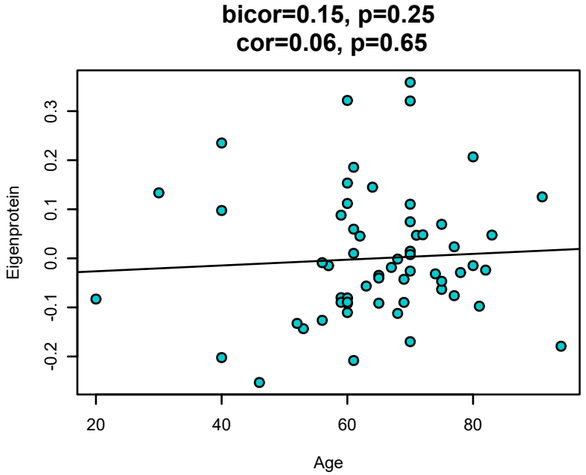

M23 darkturquoise
T-test p = 0.092
Eigenprotein Value
control
cte_2

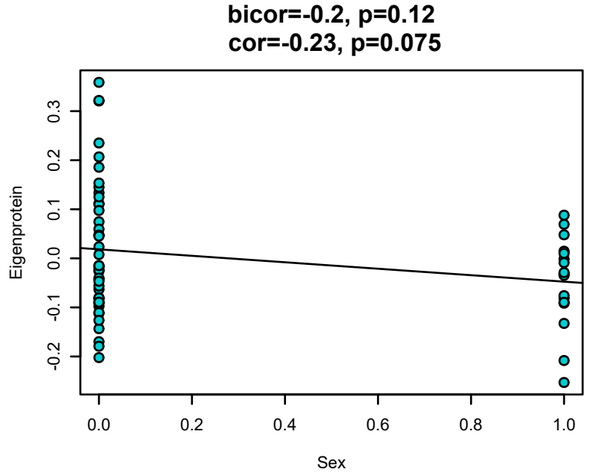

M23 darkturquoise
T-test p = 0.025
Eigenprotein Value
control
cte_3

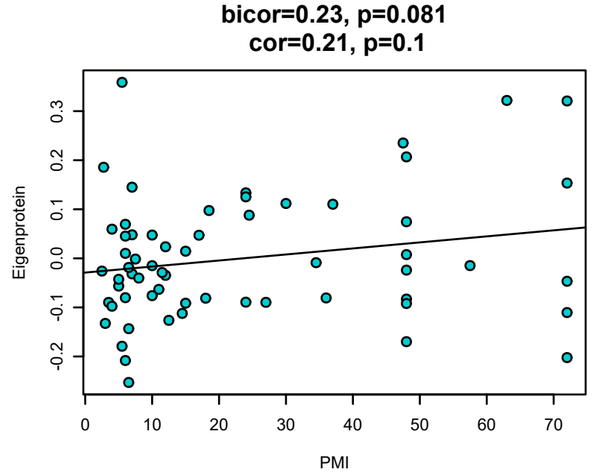

M23 darkturquoise
T-test p = 0.028
Eigenprotein Value
control
cte_4

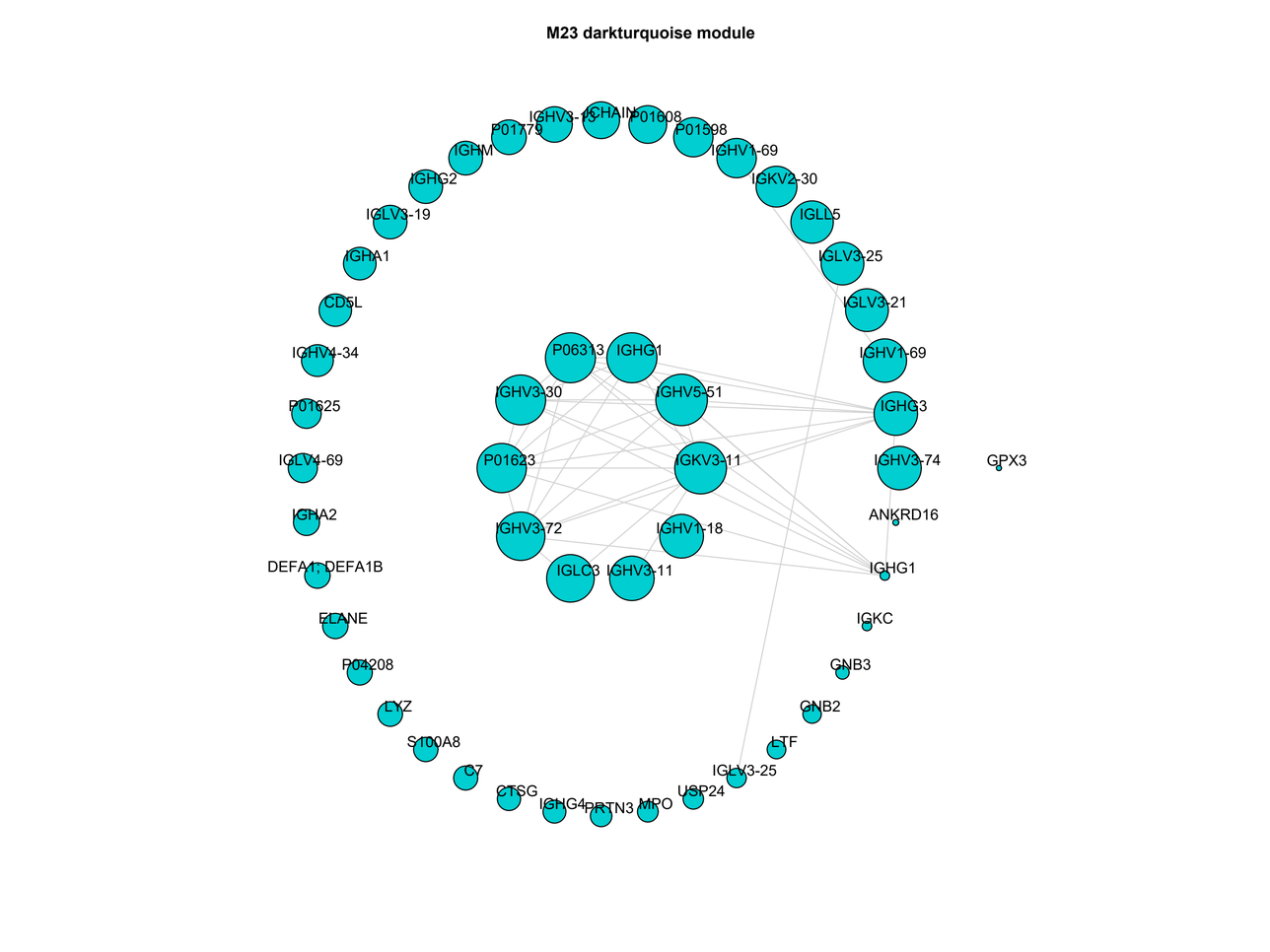

M23 darkturquoise
T-test p = 0.042
Eigenprotein Value
control
ftd

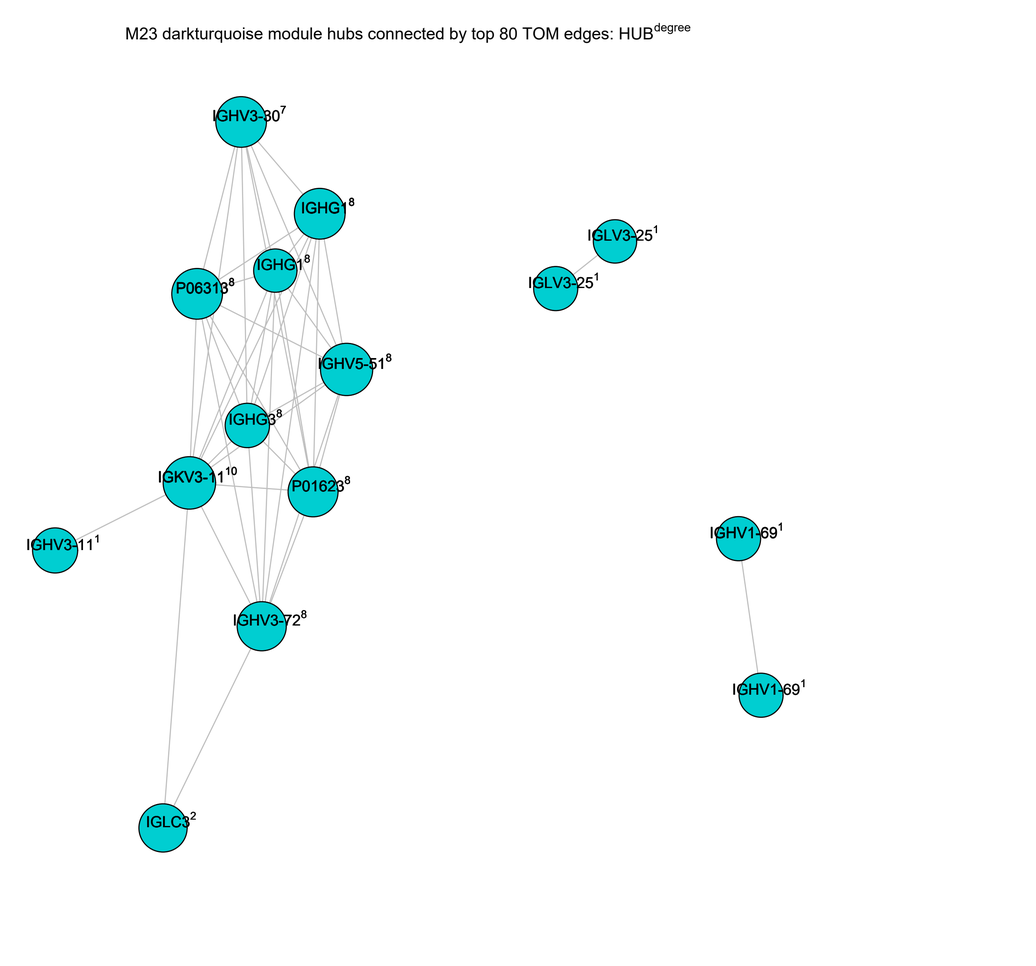

M23 darkturquoise
T-test p = 0.018
Eigenprotein Value
control
psp

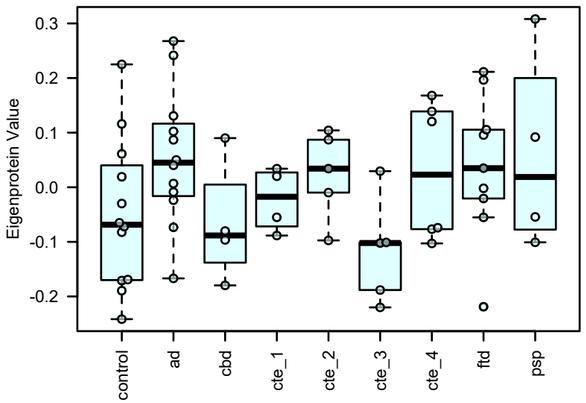

bicor=0.15, p=0.25
cor=0.06, p=0.65
Eigenprotein
Age

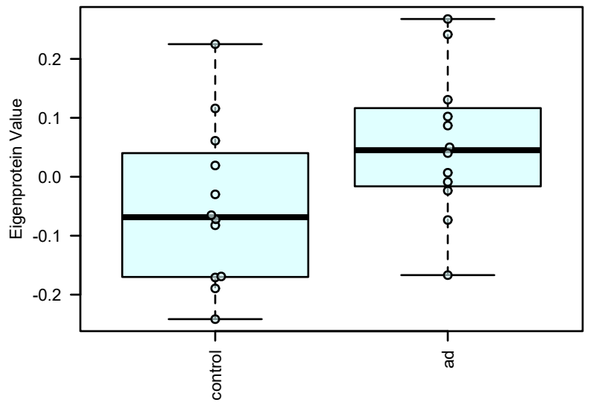

bicor=-0.2, p=0.12
cor=-0.23, p=0.075
Eigenprotein
Sex

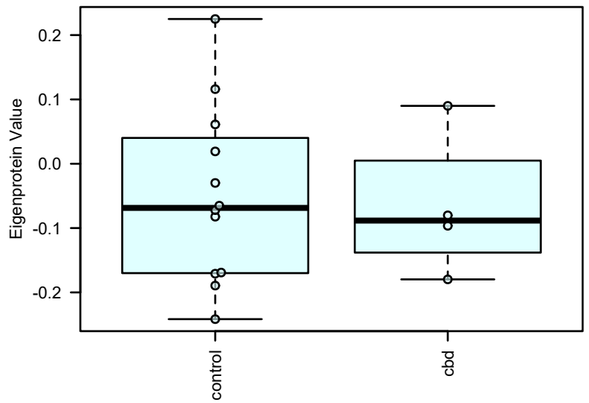

bicor=0.23, p=0.081
cor=0.21, p=0.1
Eigenprotein
PMI

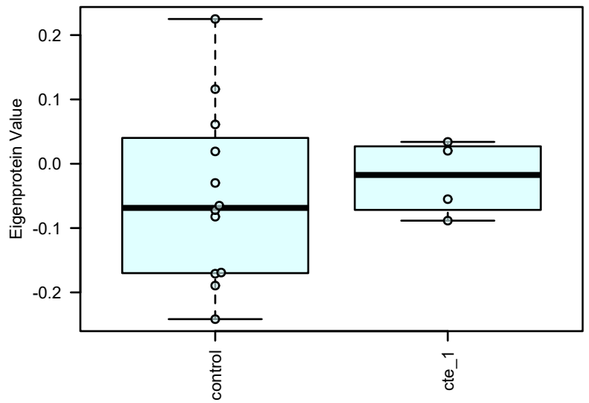

M23 darkturquoise module
IGHV3-53
IGHV3-66
P01779
P01608
P01598
IGHM
IGHV1-69
IGHG2
IGKV2-30
IGLV3-19
IGLL5
IGHA1
IGLV3-25
CD5L
IGLV3-21
IGHV4-34
P06313
IGHG1
IGHV1-69
P01625
IGHV3-30
IGHV5-51
IGHG3
IGLV4-69
P01623
IGKV3-11
IGHV3-74
GPX3
IGHA2
ANKRD16
IGHV3-72
IGHV1-18
DEFA1/DEFA1B
IGLC3
IGHV3-11
IGHG1
ELANE
IGKC
P04208
GNB3
LYZ
GNB2
S100A8
LTF
C7
IGLV3-25
CTSG
USP24
IGHG4
PRTN3
MPO

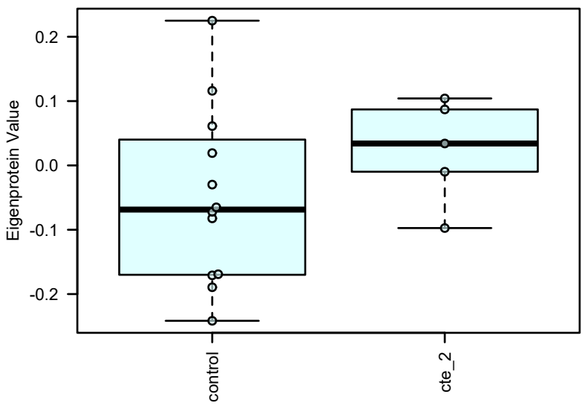

M23 darkturquoise module hubs connected by top 80 TOM edges: HUB^degree
IGHV3-30^7
IGHG1^8
IGLV3-25^1
IGHG1^8
IGLV3-25^1
P06313^8
IGHV5-51^8
IGHG3^8
IGKV3-11^10
P01623^8
IGHV3-11^1
IGHV1-69^1
IGHV3-72^8
IGHV1-69^1
IGLC3^2

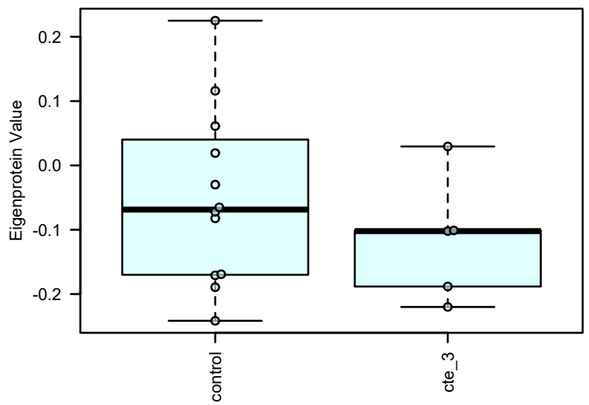

M42 lightcyan1
1-way AOV p = 0.17
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

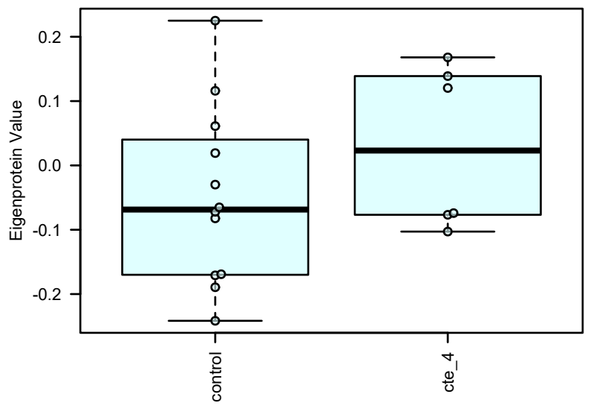

M42 lightcyan1
T-test p = 0.063
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

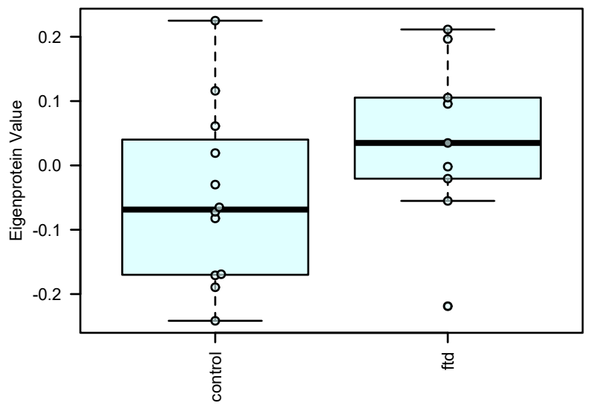

M42 lightcyan1
T-test p = 0.83
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

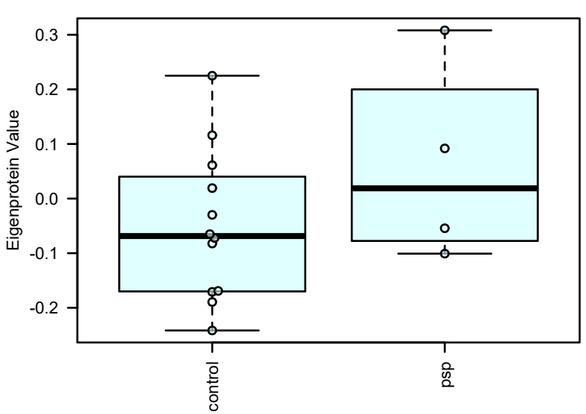

M42 lightcyan1
T-test p = 0.71
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

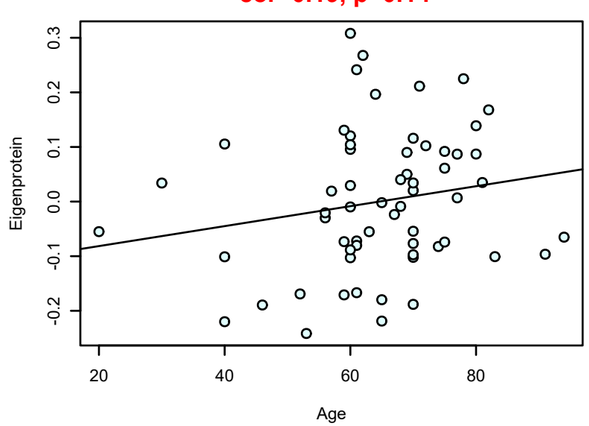

M42 lightcyan1
T-test p = 0.29
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

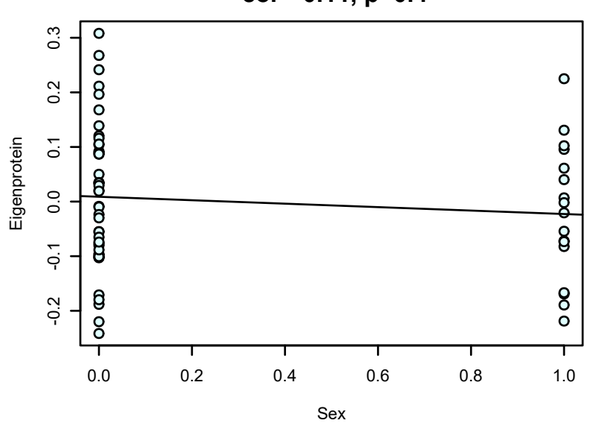

M42 lightcyan1
T-test p = 0.34
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

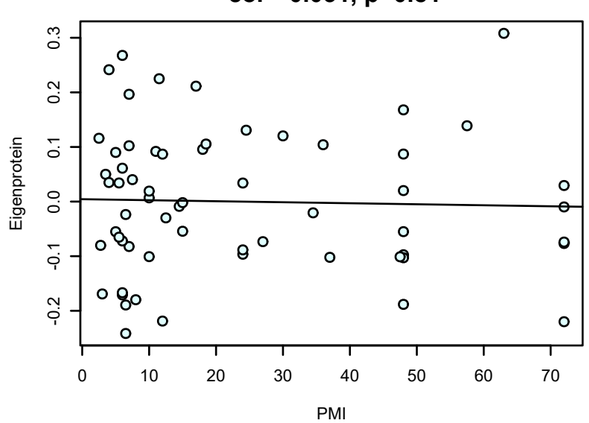

M42 lightcyan1
T-test p = 0.26
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

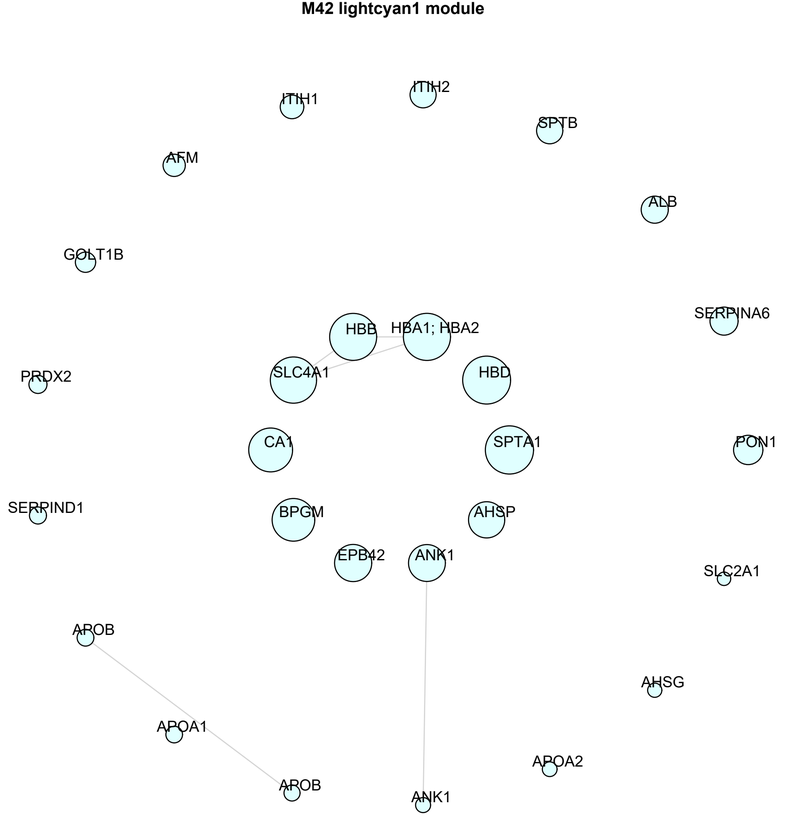

M42 lightcyan1
T-test p = 0.16
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

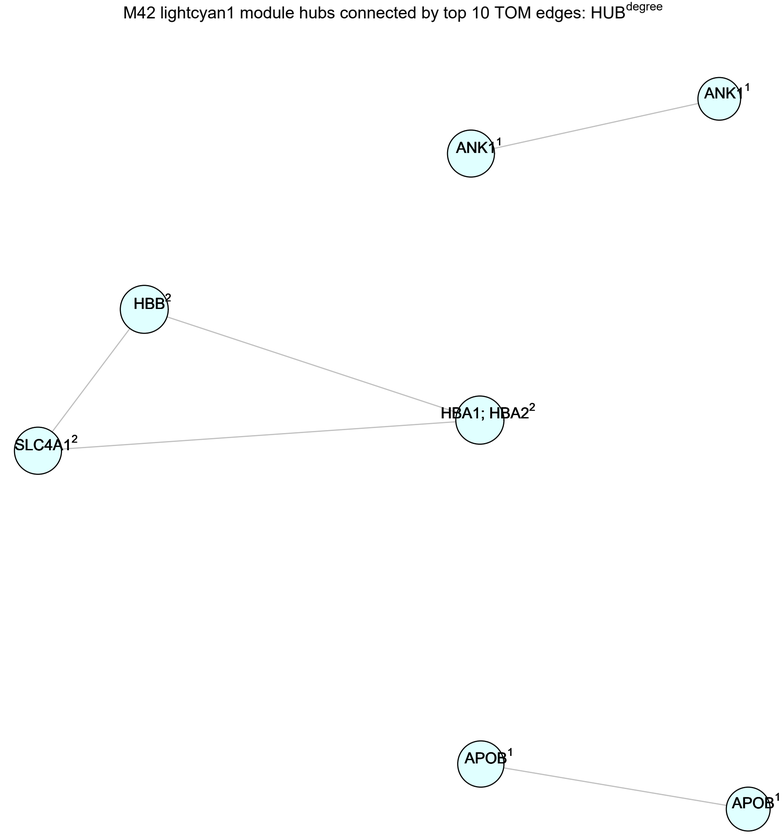

M42 lightcyan1
T-test p = 0.22
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
psp

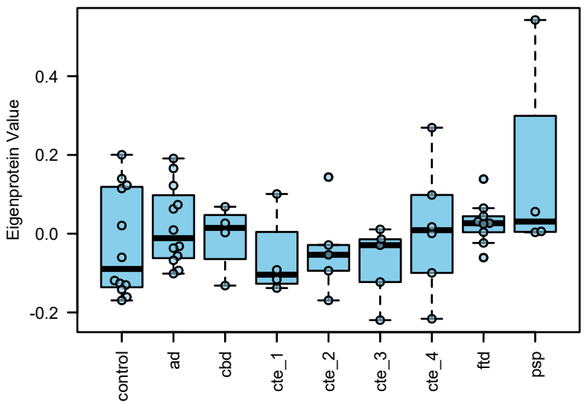

bicor=0.25, p=0.05
cor=0.19, p=0.14
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

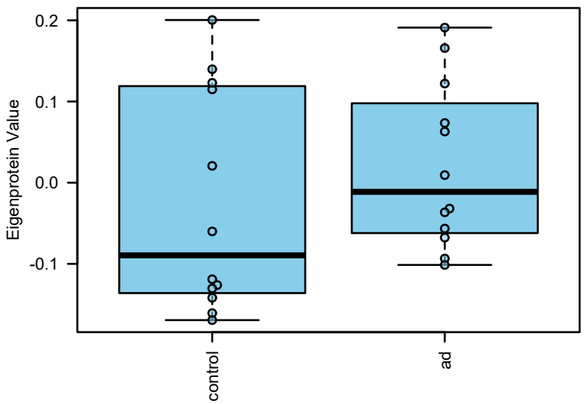

bicor=-0.11, p=0.42
cor=-0.11, p=0.4
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

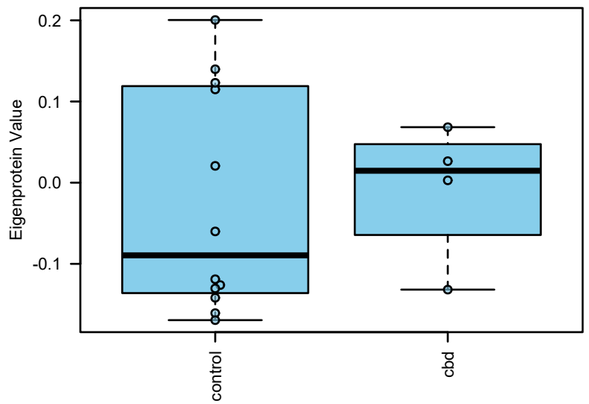

bicor=0.04, p=0.76
cor=-0.031, p=0.81
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

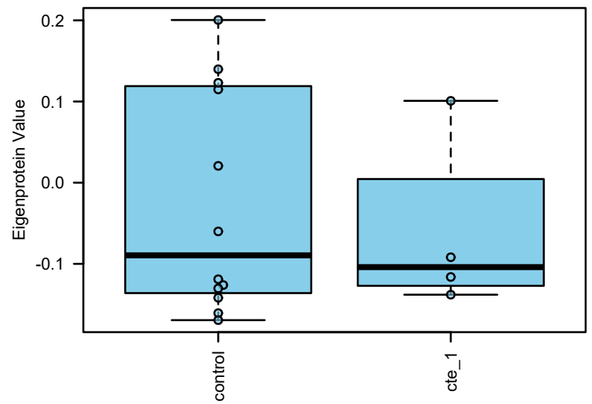

M42 lightcyan1 module
ITIH1
ITIH2
SPTB
AFM
ALB
GOLT1B
SERPINA6
HBB
HBA1; HBA2
PRDX2
SLC4A1
HBD
CA1
SPTA1
PON1
SERPIND1
BPGM
AHSP
EPB42
ANK1
SLC2A1
APOB
AHSG
APOA1
APOA2
APOB
ANK1

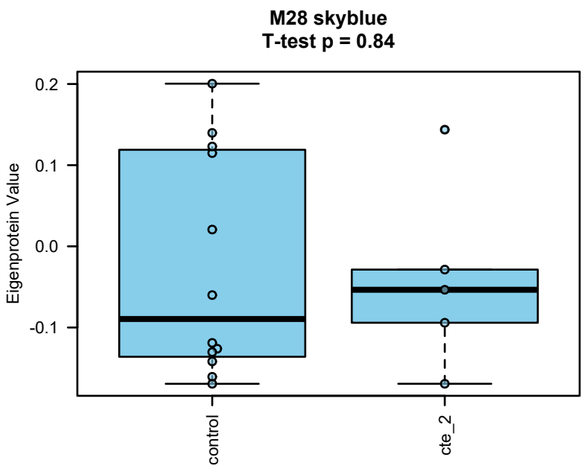

M42 lightcyan1 module hubs connected by top 10 TOM edges: HUB degree
ANK1 1
ANK1 1
HBB 2
HBA1; HBA2 2
SLC4A1 2
APOB 1
APOB 1

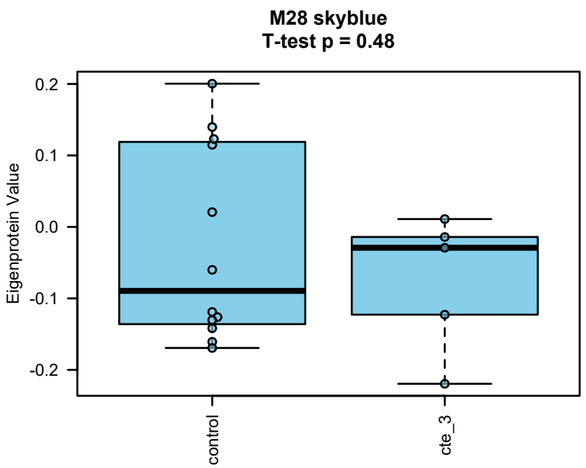

M28 skyblue
1-way AOV p = 0.28
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

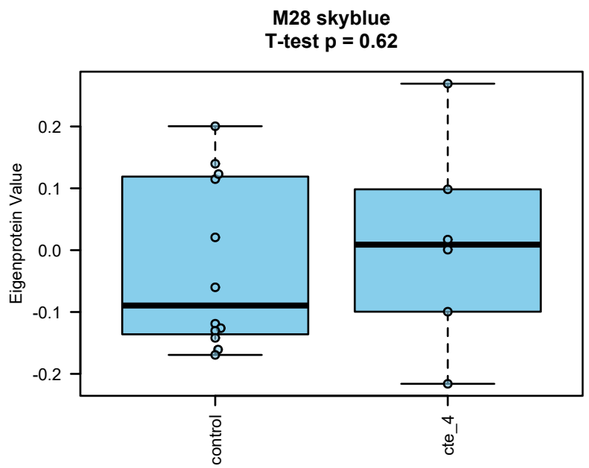

M28 skyblue
T-test p = 0.36
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

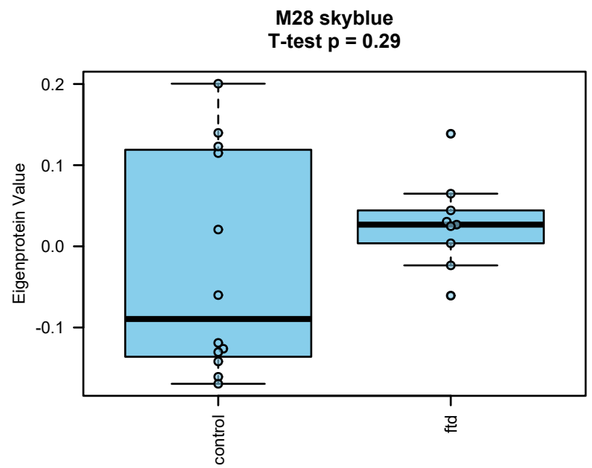

M28 skyblue
T-test p = 0.82
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

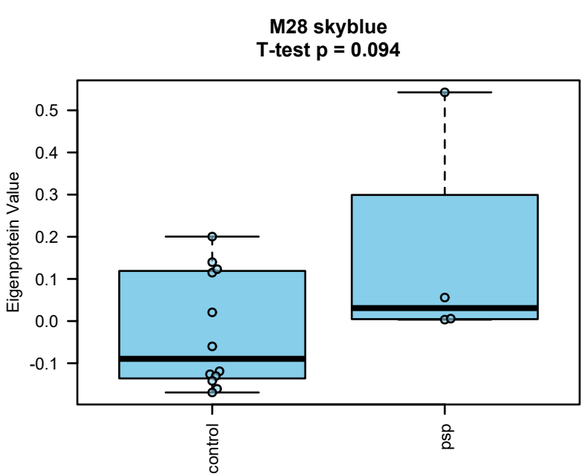

M28 skyblue
T-test p = 0.65
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

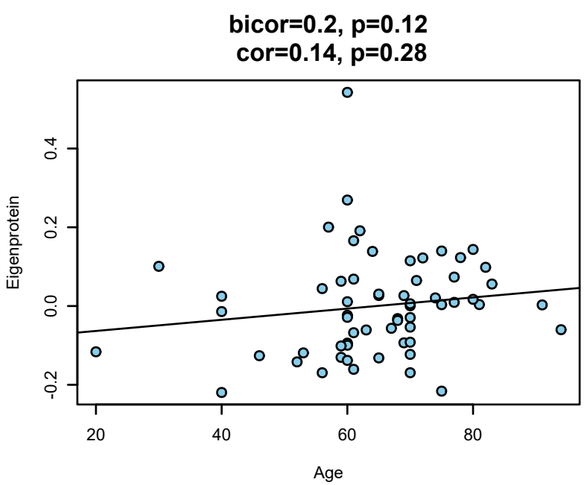

M28 skyblue
T-test p = 0.84
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

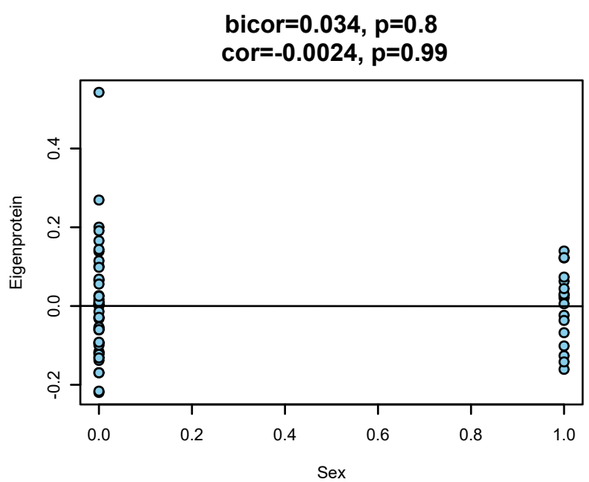

M28 skyblue
T-test p = 0.48
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

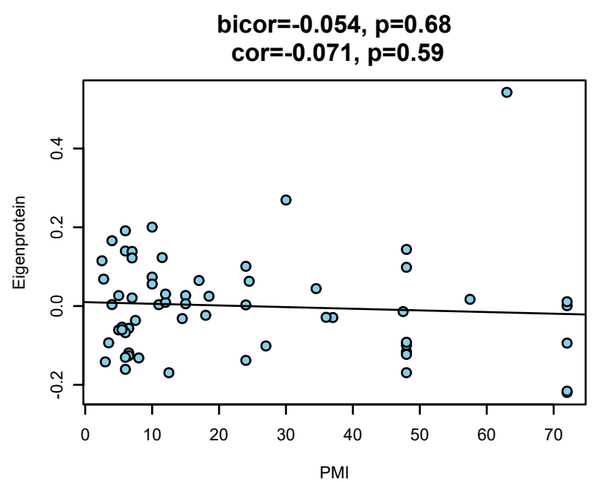

M28 skyblue
T-test p = 0.62
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

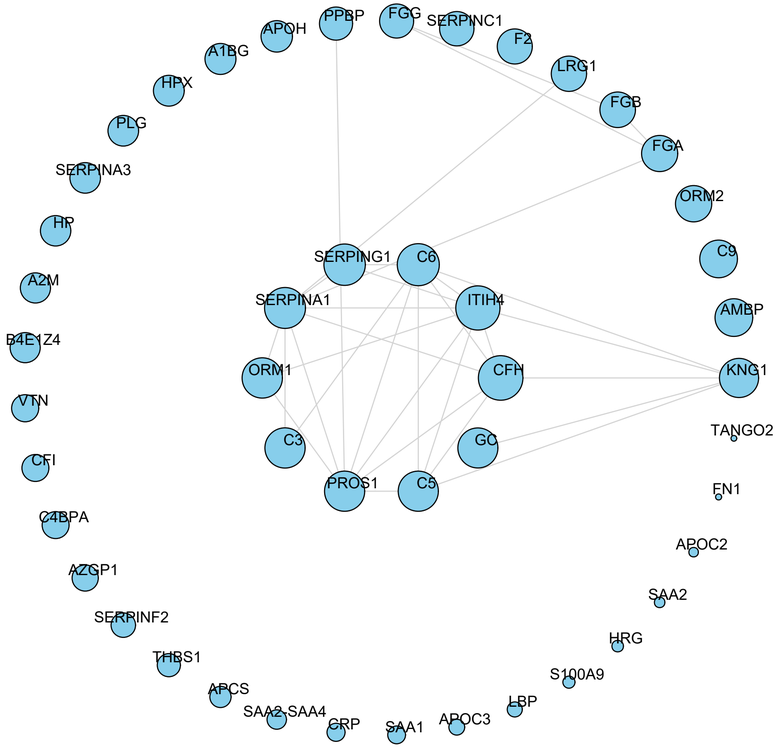

M28 skyblue
T-test p = 0.29
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ftd

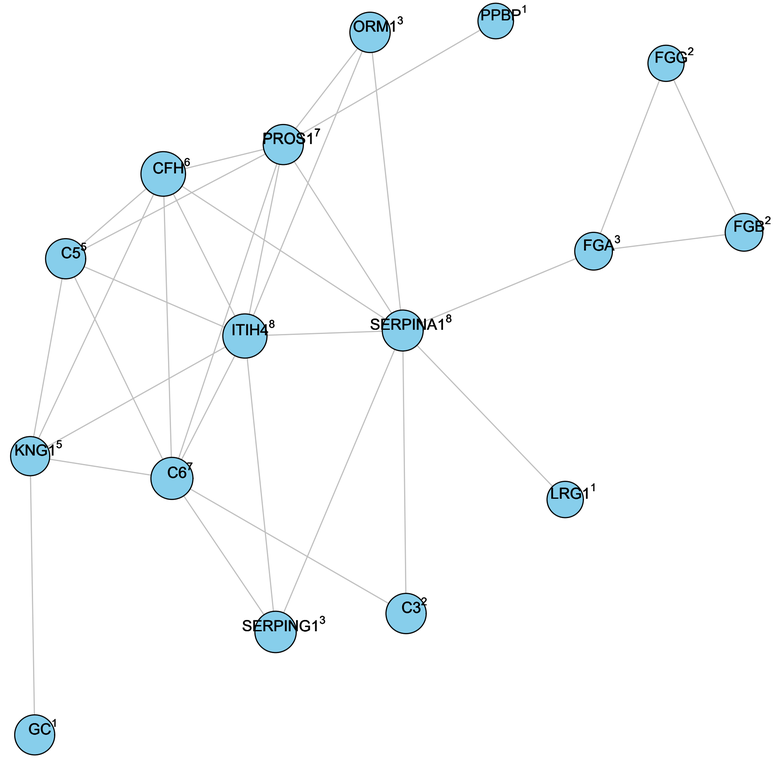

M28 skyblue
T-test p = 0.094
Eigenprotein Value
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
control
psp

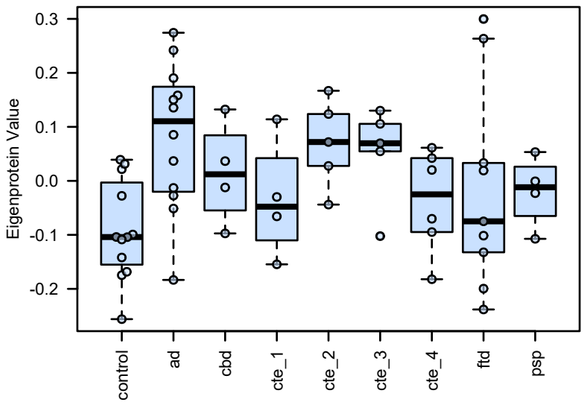

bicor=0.2, p=0.12
cor=0.14, p=0.28
Eigenprotein
0.4
0.2
0.0
-0.2
20
40
60
80
Age

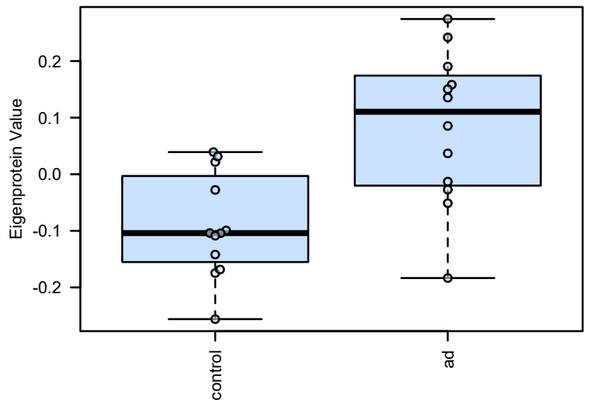

bicor=0.034, p=0.8
cor=-0.0024, p=0.99
Eigenprotein
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

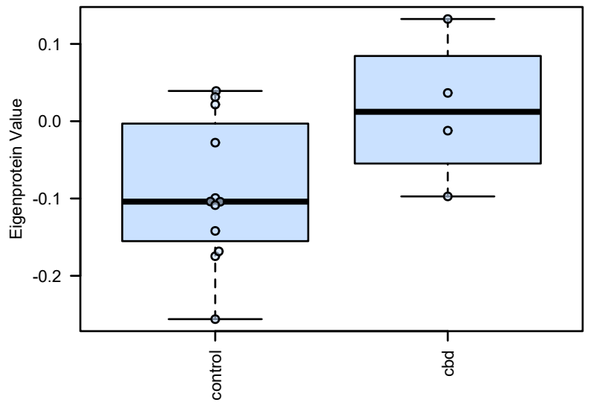

bicor=-0.054, p=0.68
cor=-0.071, p=0.59
Eigenprotein
0.4
0.2
0.0
-0.2
0
10
20
30
40
50
60
70
PMI

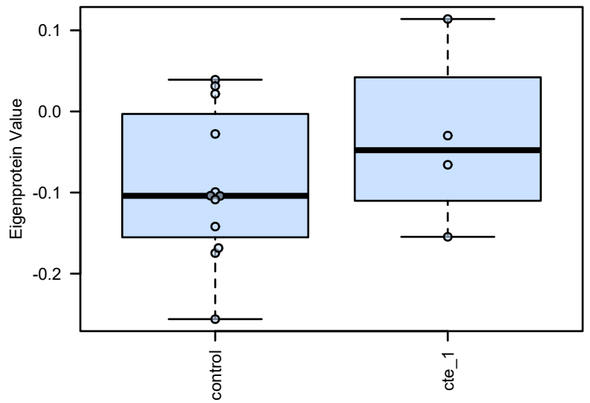

M28 skyblue module
PPBP
FGG
SERPINC1
APOH
A1BG
F2
LRG1
HPX
FGB
PLG
FGA
SERPINA3
ORM2
HP
C9
SERPING1
C6
A2M
SERPINA1
ITIH4
AMBP
B4E1Z4
ORM1
CFH
KNG1
VTN
TANGO2
C3
GC
CFI
PROS1
C5
FN1
C4BPA
APOC2
AZGP1
SAA2
SERPINF2
HRG
THBS1
S100A9
APCS
LBP
SAA2.SAA4
APOC3
CRP
SAA1

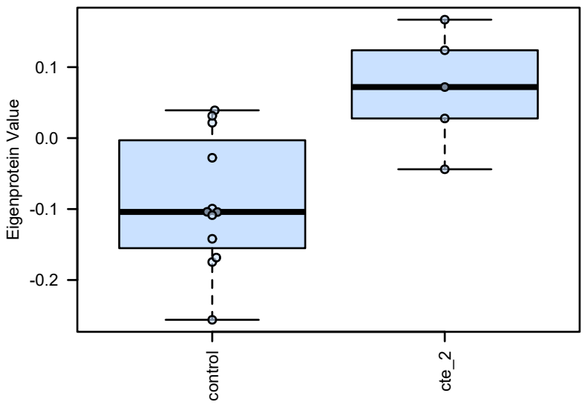

M28 skyblue module hubs connected by top 64 TOM edges: HUB degree
ORM1 3
PPBP 1
FGG 2
PROS1 7
CFH 6
C5 6
FGA 3
FGB 2
ITIH4 8
SERPINA1 8
KNG1 5
C6 7
LRG1 1
C3 2
SERPING1 3
GC 1

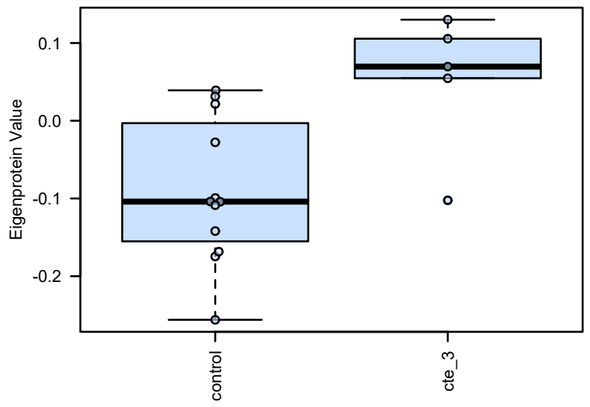

M41 lightsteelblue1
1-way AOV p = 0.062
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

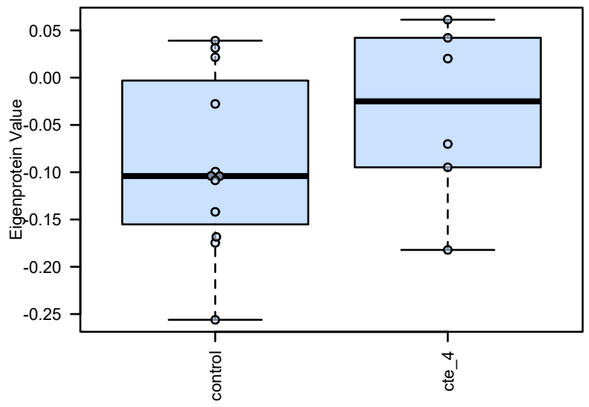

M41 lightsteelblue1
T-test p = 0.0012
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

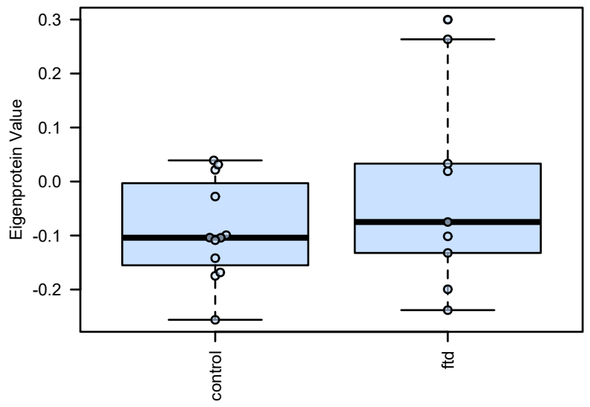

M41 lightsteelblue1
T-test p = 0.067
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cbd

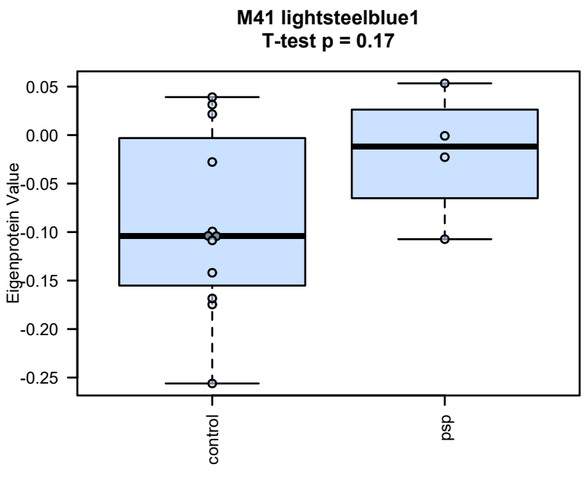

M41 lightsteelblue1
T-test p = 0.32
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_1

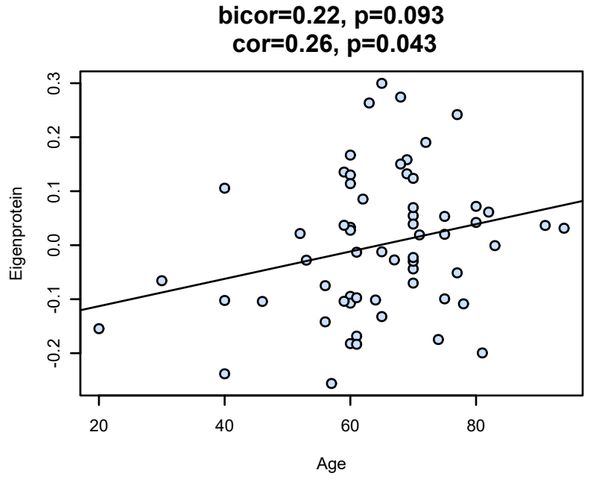

M41 lightsteelblue1
T-test p = 0.0041
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_2

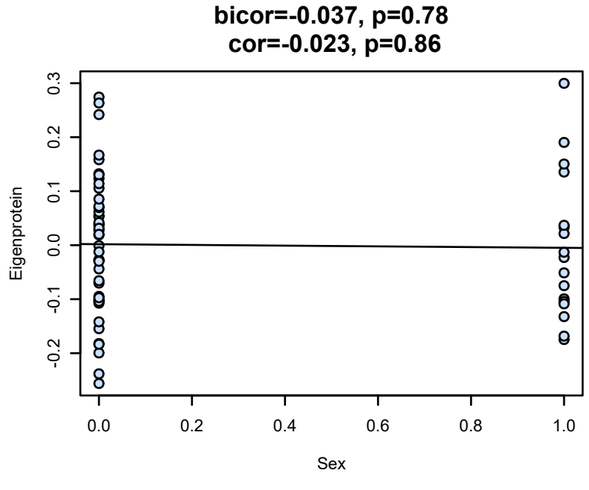

M41 lightsteelblue1
T-test p = 0.01
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_3

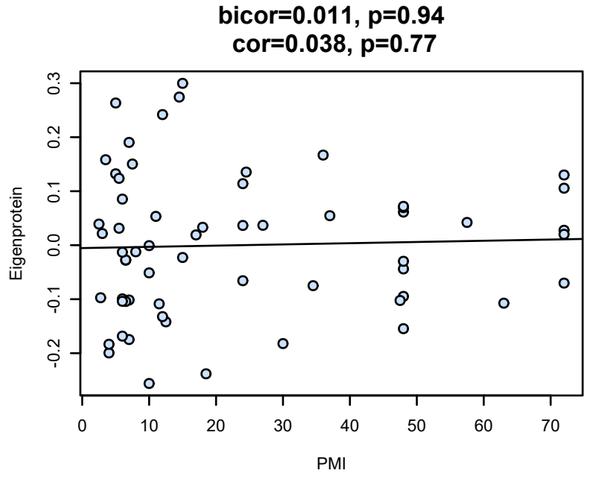

M41 lightsteelblue1
T-test p = 0.26
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_4

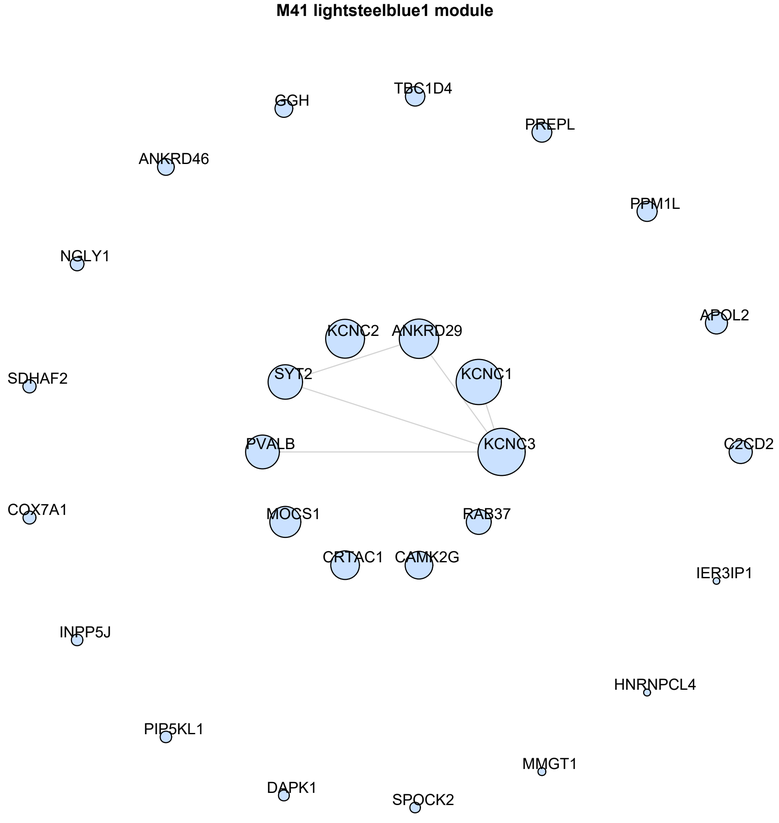

M41 lightsteelblue1
T-test p = 0.24
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

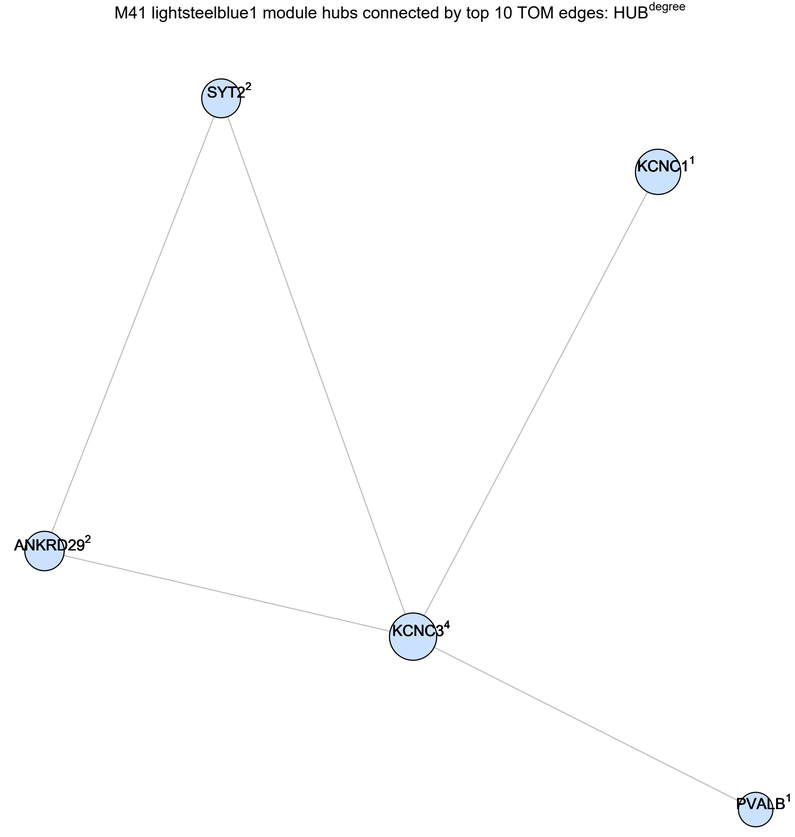

M41 lightsteelblue1
T-test p = 0.17
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
psp

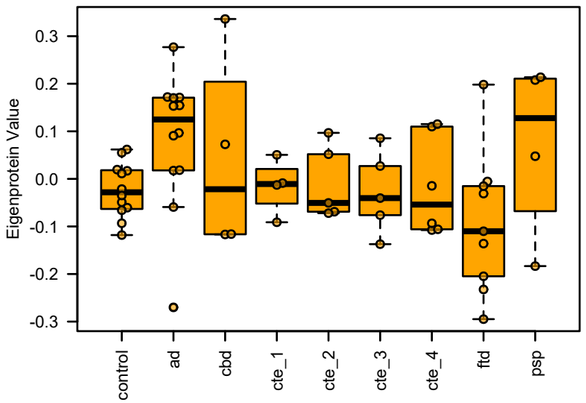

bicor=0.22, p=0.093
cor=0.26, p=0.043
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

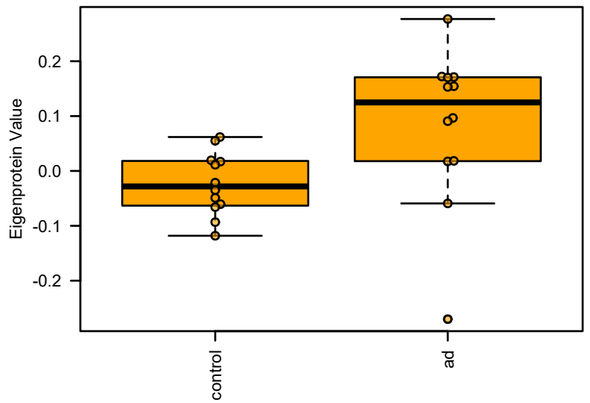

bicor=-0.037, p=0.78
cor=-0.023, p=0.86
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

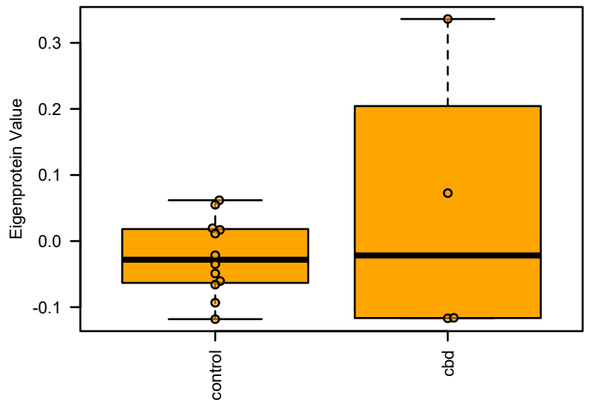

bicor=0.011, p=0.94
cor=0.038, p=0.77
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

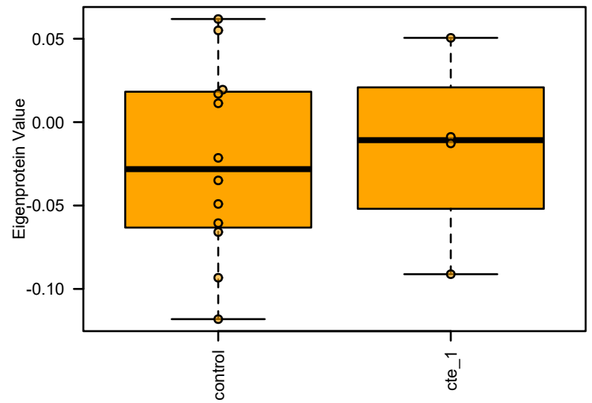

M41 lightsteelblue1 module
TBC1D4
GGH
PREPL
ANKRD46
PPM1L
NGLY1
APOL2
KCNC2
ANKRD29
SDHAF2
SYT2
KCNC1
PVALB
KCNC3
C2CD2
COX7A1
MOCS1
RAB37
CRTAC1
CAMK2G
IER3IP1
INPP5J
HNRNPCL4
PIP5KL1
MMGT1
DAPK1
SPOCK2

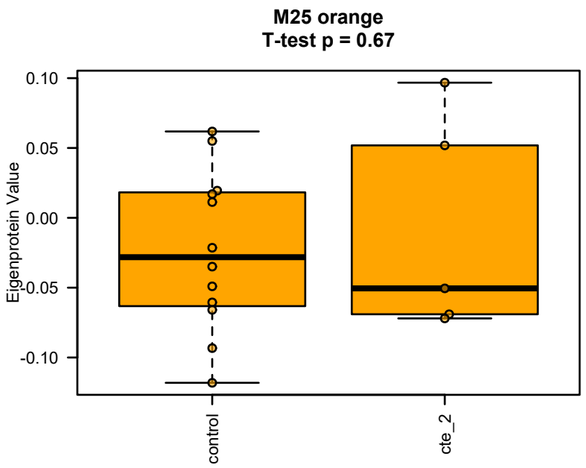

M41 lightsteelblue1 module hubs connected by top 10 TOM edges: HUB degree
SYT2 2
KCNC1 1
ANKRD29 2
KCNC3 4
PVALB 1

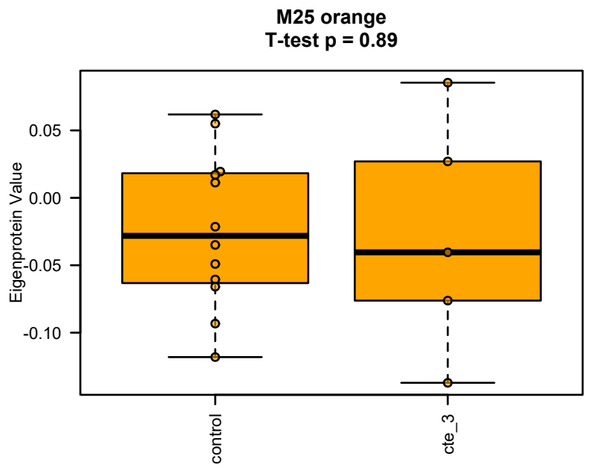

M25 orange
1-way AOV p = 0.14
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

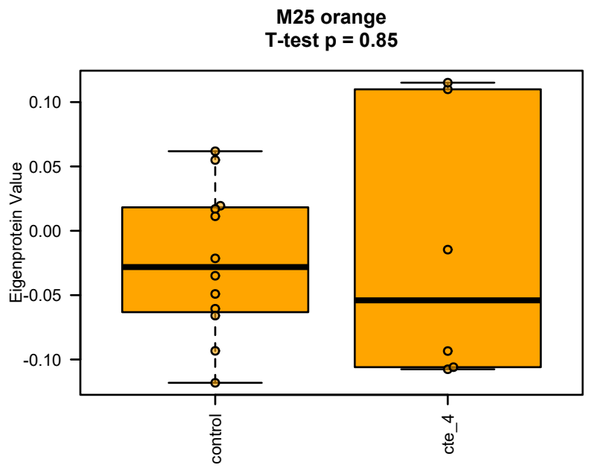

M25 orange
T-test p = 0.026
Eigenprotein Value
control
ad

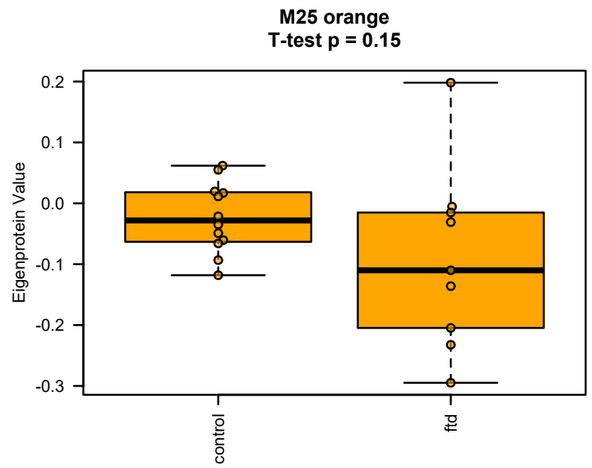

M25 orange
T-test p = 0.31
Eigenprotein Value
control
cbd

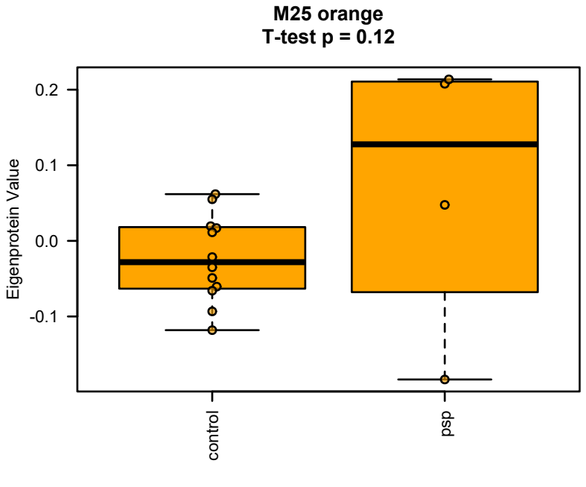

M25 orange
T-test p = 0.82
Eigenprotein Value
control
cte_1

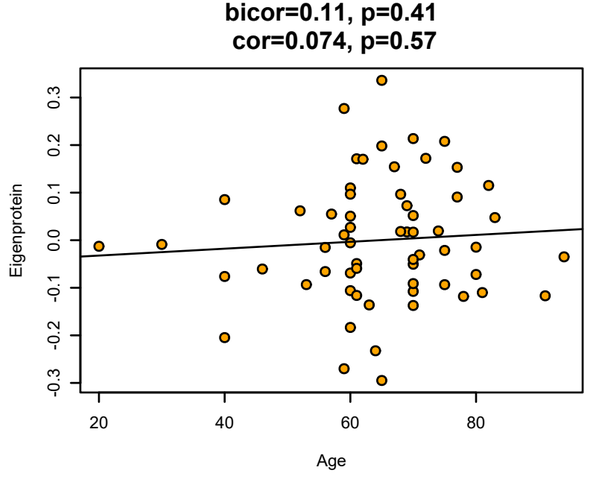

M25 orange
T-test p = 0.67
Eigenprotein Value
control
cte_2

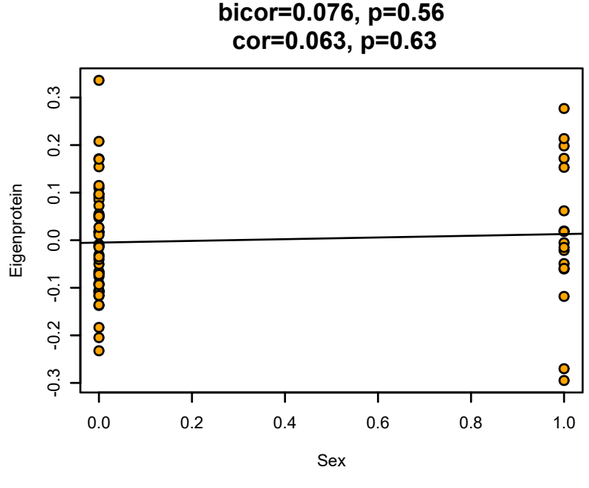

M25 orange
T-test p = 0.89
Eigenprotein Value
control
cte_3

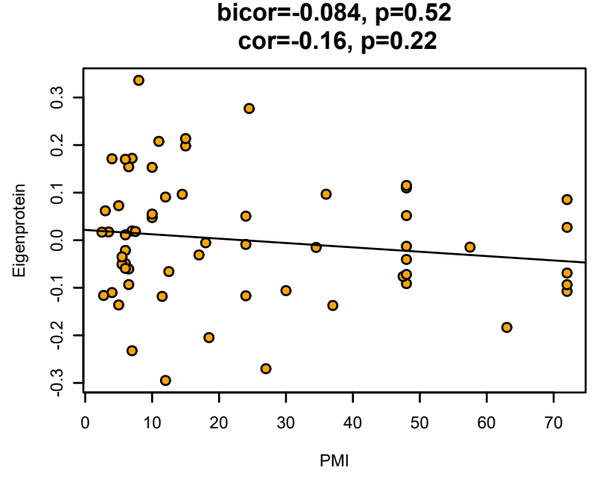

M25 orange
T-test p = 0.85
Eigenprotein Value
control
cte_4

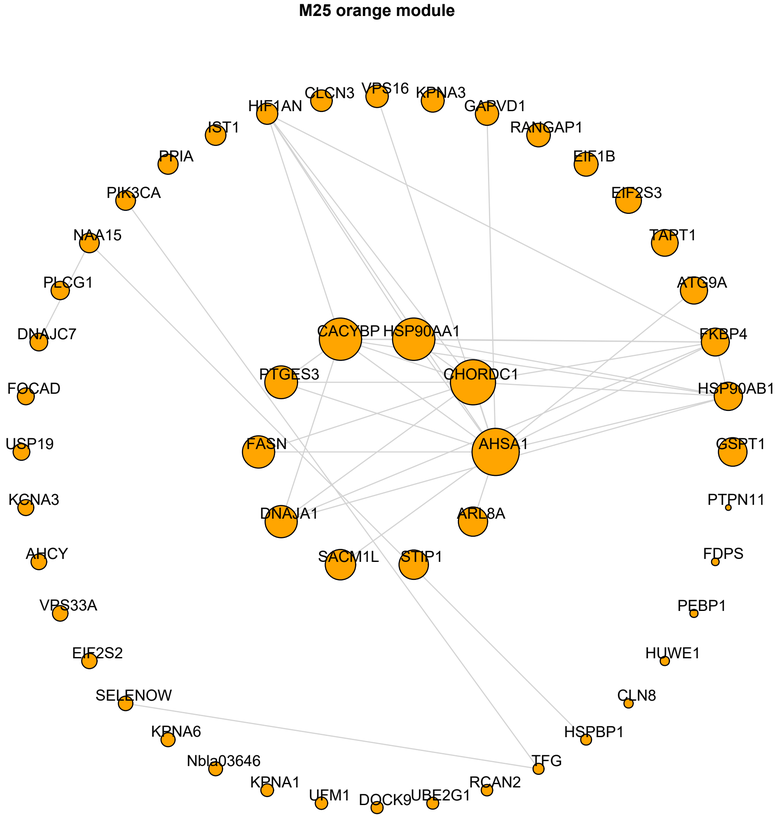

M25 orange
T-test p = 0.15
Eigenprotein Value
control
ftd

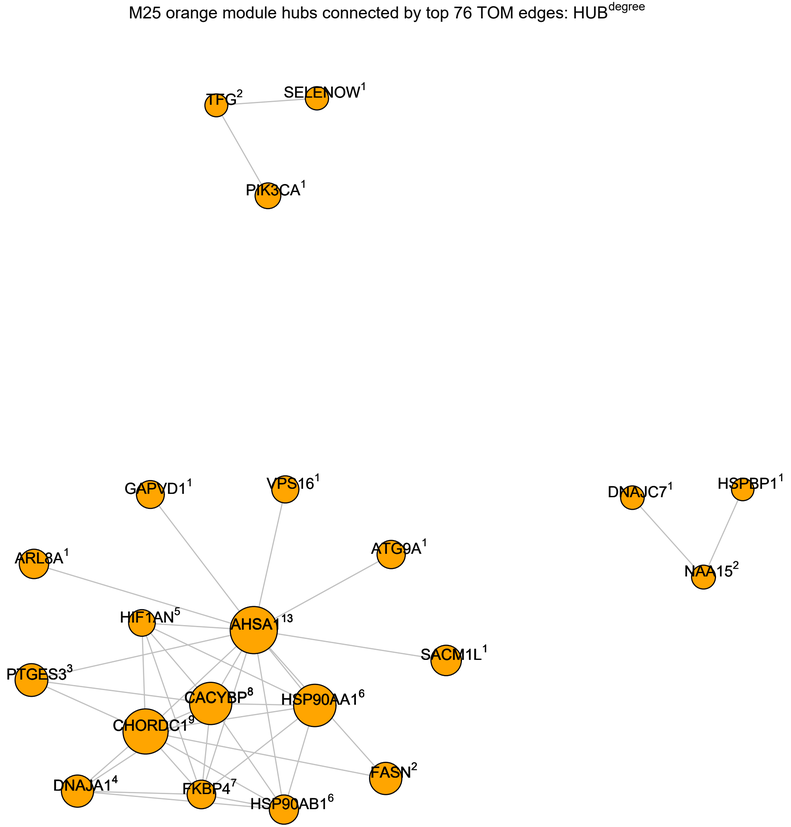

M25 orange
T-test p = 0.12
Eigenprotein Value
control
psp

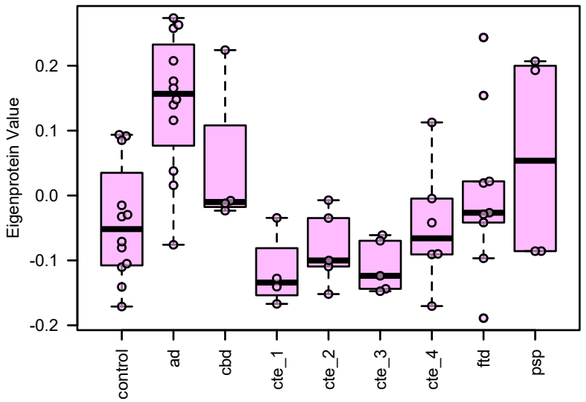

bicor=0.11, p=0.41
cor=0.074, p=0.57
Eigenprotein
Age

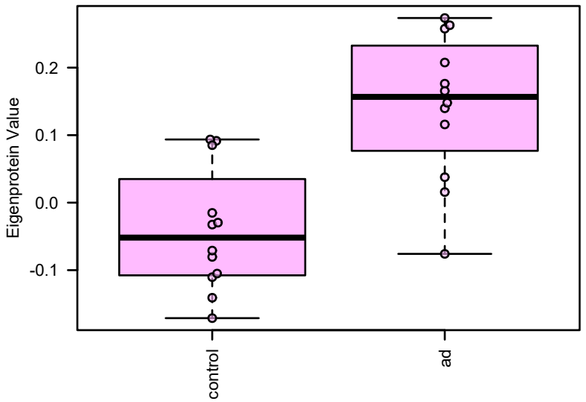

bicor=0.076, p=0.56
cor=0.063, p=0.63
Eigenprotein
Sex

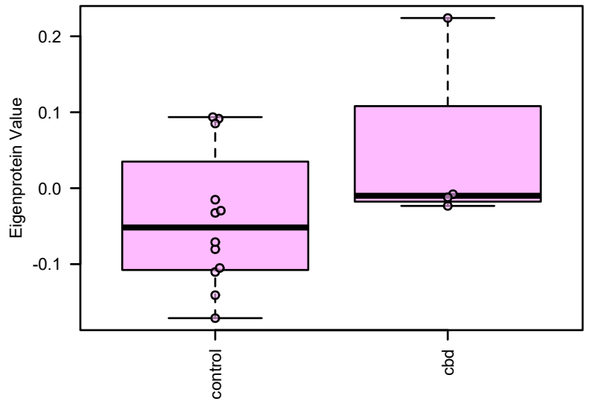

bicor=-0.084, p=0.52
cor=-0.16, p=0.22
Eigenprotein
PMI

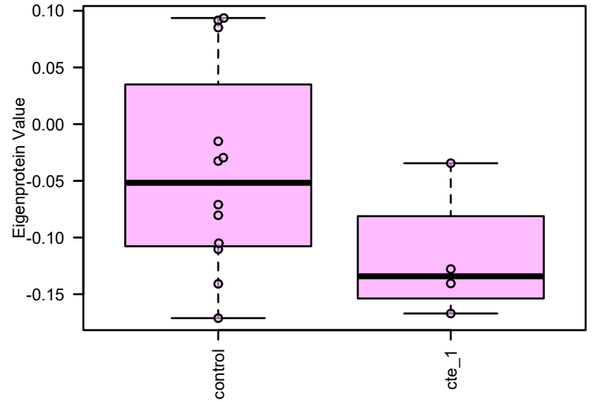

M25 orange module
CLCN3
VPS16
KPNA3
HIF1AN
GAPVD1
IST1
RANGAP1
PRIA
EIF1B
PIK3CA
EIF2S3
NAA15
TART1
PLCG1
ATG9A
DNAJC7
CACYBP
HSP90AA1
FKBP4
PTGES3
CHORDC1
FOCAD
HSP90AB1
USP19
FASN
AHSA1
GSPT1
KCNA3
PTPN11
DNAJA1
ARL8A
AHCY
SACM1L
STIP1
FDPS
VPS33A
PEBP1
EIF2S2
HUWE1
SELENOW
CLN8
KPNA6
HSPBP1
Nbla03646
TFG
KPNA1
RCAN2
UFM1
DOCK9
UBE2G1

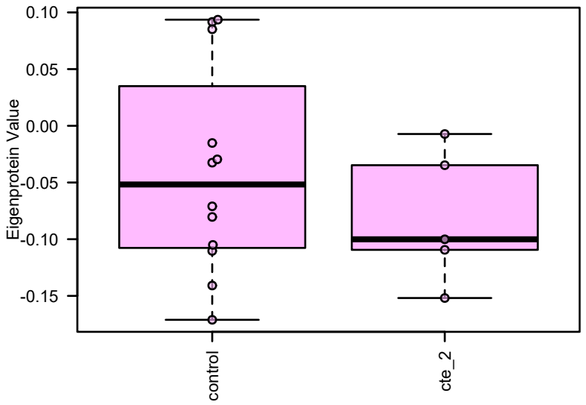

M25 orange module hubs connected by top 76 TOM edges: HUB degree
TFG 2
SELENOW 1
PIK3CA 1
GAPVD1 1
VPS16 1
DNAJC7 1
HSPBP1 1
ARL8A 1
ATG9A 1
NAA15 2
HIF1AN 5
AHSA1 13
SACM1L 1
PTGES3 3
CACYBP 8
HSP90AA1 6
CHORDC1 9
FASN 2
DNAJA1 4
FKBP4 7
HSP90AB1 6

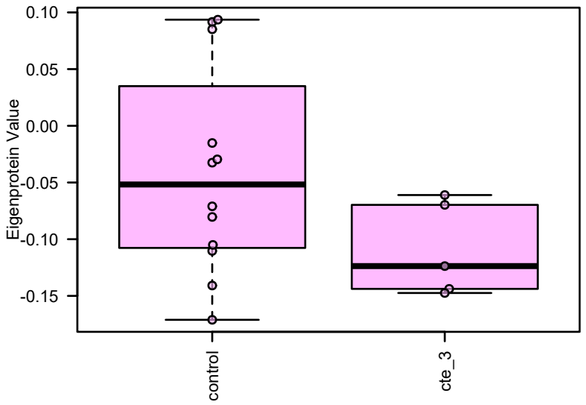

M38 plum1
1-way AOV p = 6.8e-05
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

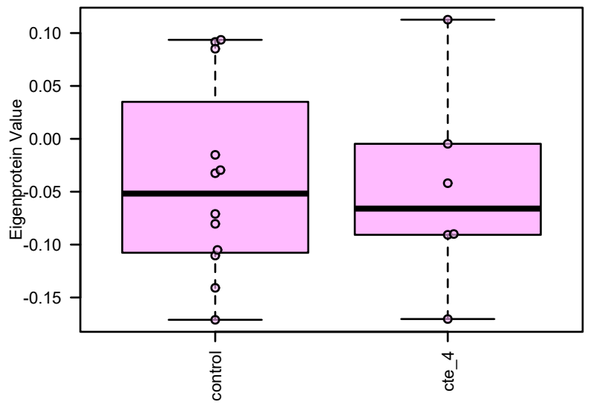

M38 plum1
T-test p = 0.00016
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

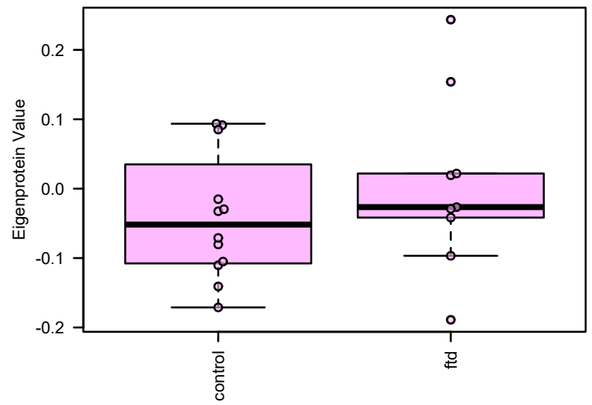

M38 plum1
T-test p = 0.15
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

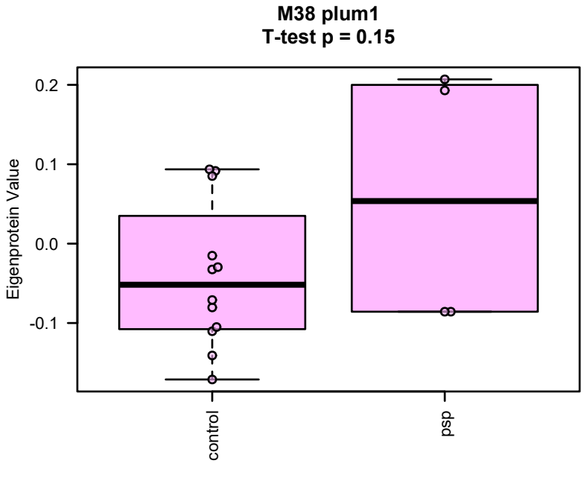

M38 plum1
T-test p = 0.14
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

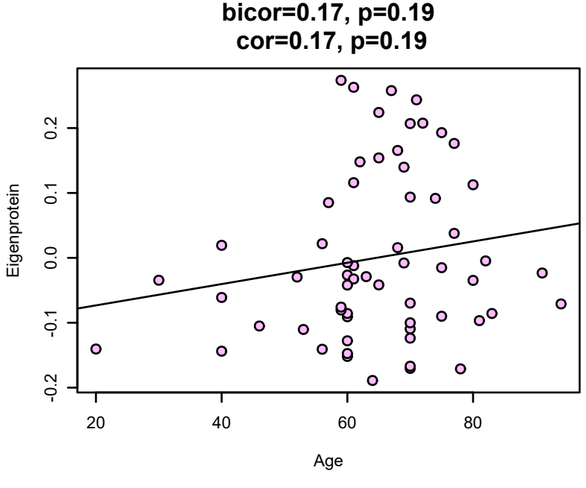

M38 plum1
T-test p = 0.38
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

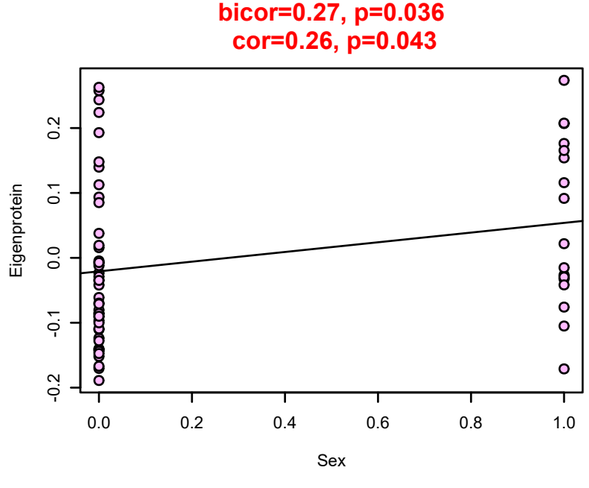

M38 plum1
T-test p = 0.13
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

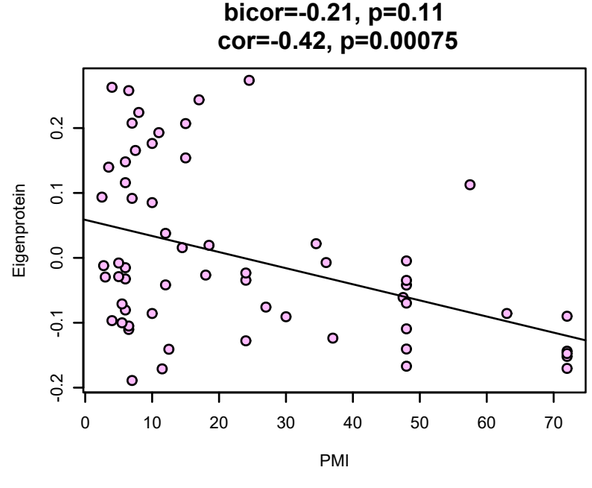

M38 plum1
T-test p = 0.88
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

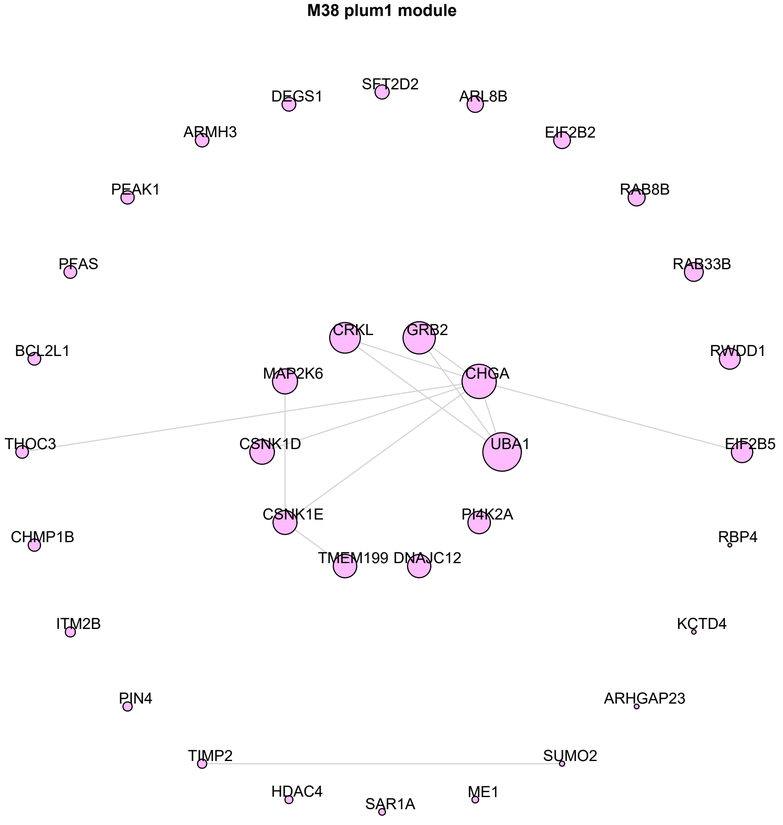

M38 plum1
T-test p = 0.34
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

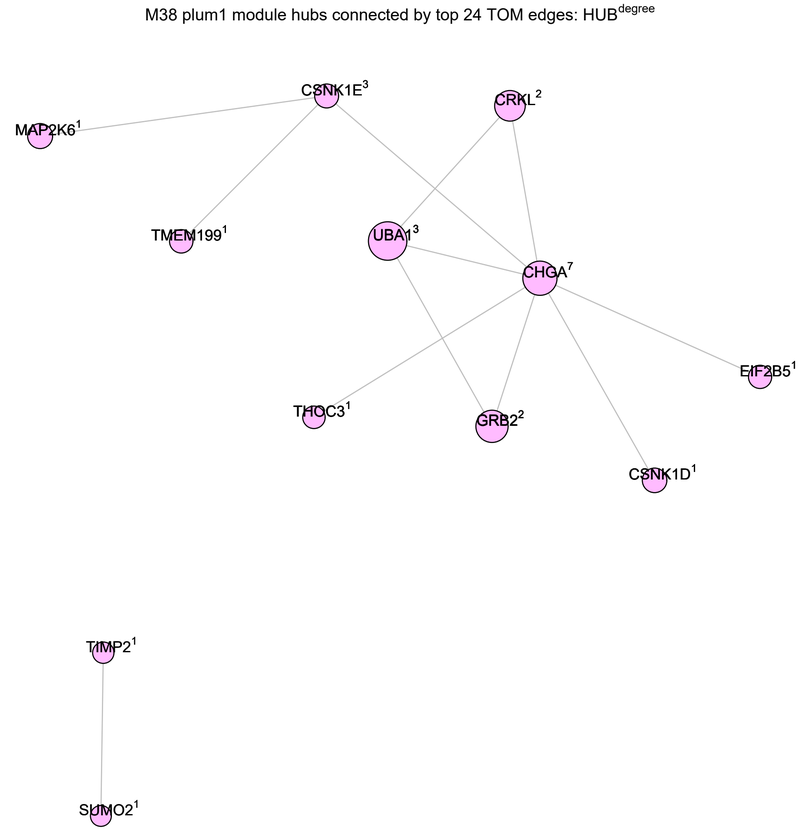

M38 plum1
T-test p = 0.15
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

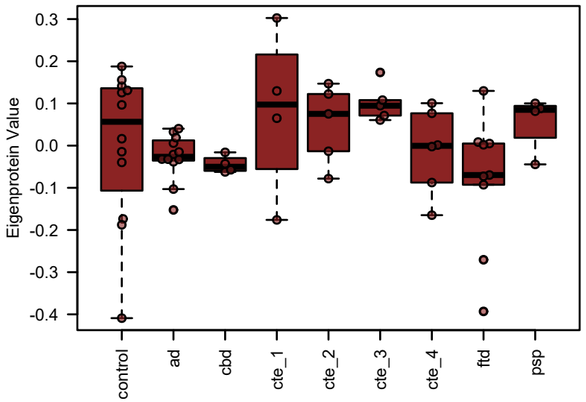

bicor=0.17, p=0.19
cor=0.17, p=0.19
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

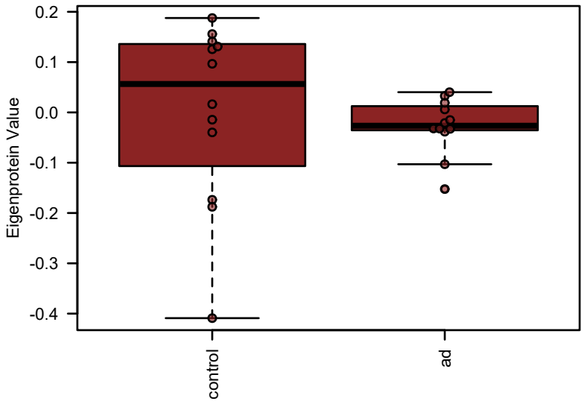

bicor=0.27, p=0.036
cor=0.26, p=0.043
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

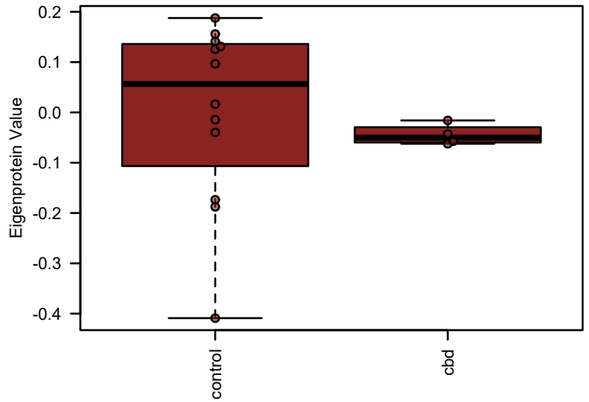

bicor=-0.21, p=0.11
cor=-0.42, p=0.00075
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

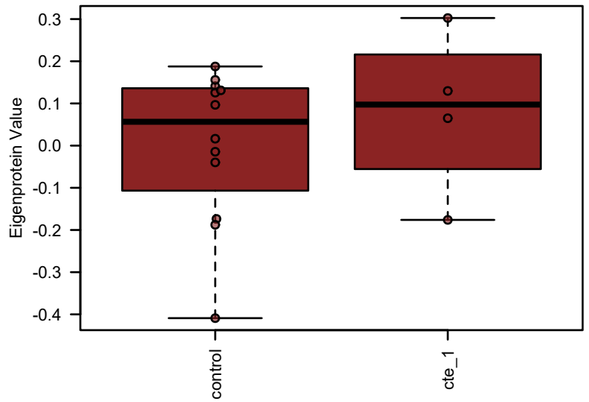

M38 plum1 module
DEGS1
SFT2D2
ARL8B
ARMH3
EIF2B2
PEAK1
RAB8B
PEAS
RAB33B
CRKL
GRB2
BCL2L1
RWDD1
MAP2K6
CHGA
THOC3
CSNK1D
UBA1
EIF2B5
CSNK1E
PI4K2A
CHMP1B
RBP4
TMEM199
DNAJC12
ITM2B
KCTD4
PIN4
ARHGAP23
TIMP2
SUMO2
HDAC4
ME1
SAR1A

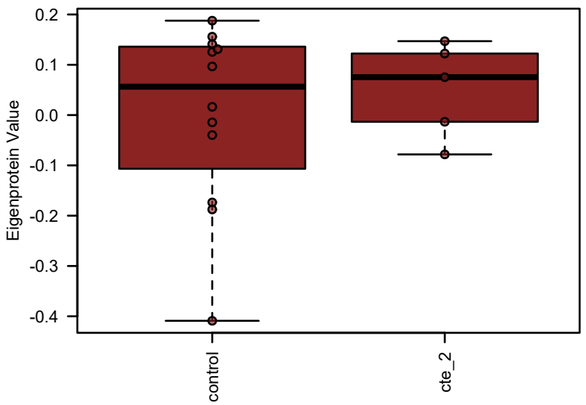

M38 plum1 module hubs connected by top 24 TOM edges: HUB degree
CSNK1E 3
CRKL 2
MAP2K6 1
TMEM199 1
UBA1 3
CHGA 7
EIF2B5 1
THOC3 1
GRB2 2
CSNK1D 1
TIMP2 1
SUMO2 1

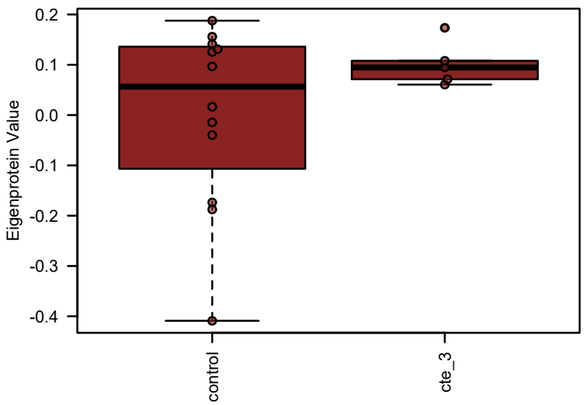

M46 brown4
1-way AOV p = 0.19
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

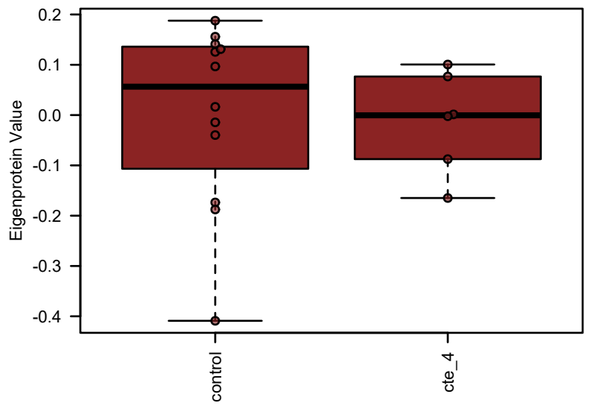

M46 brown4
T-test p = 0.59
Eigenprotein Value
control
ad

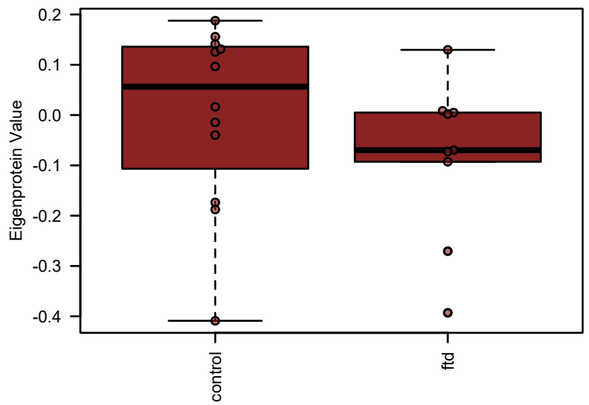

M46 brown4
T-test p = 0.62
Eigenprotein Value
control
cbd

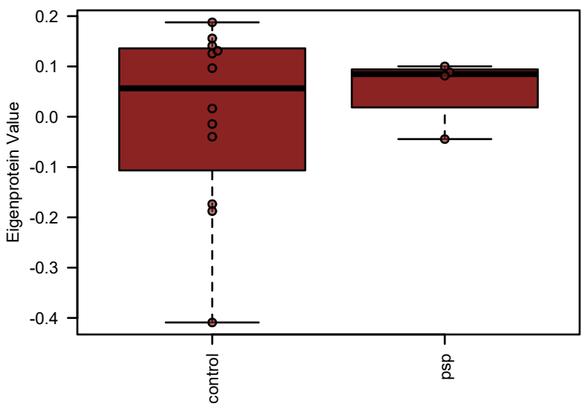

M46 brown4
T-test p = 0.48
Eigenprotein Value
control
cte_1

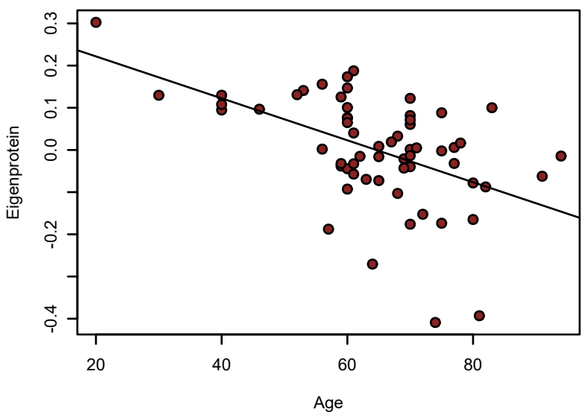

M46 brown4
T-test p = 0.58
Eigenprotein Value
control
cte_2

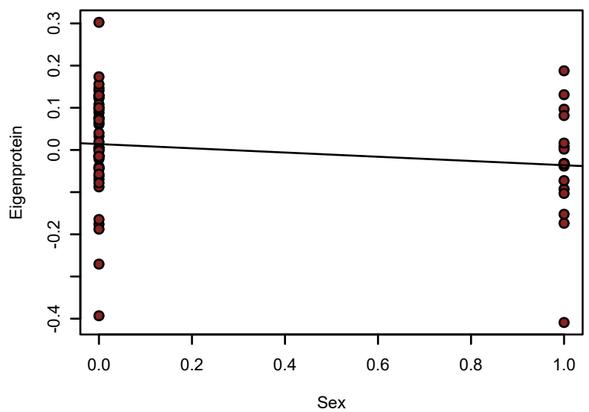

M46 brown4
T-test p = 0.25
Eigenprotein Value
control
cte_3

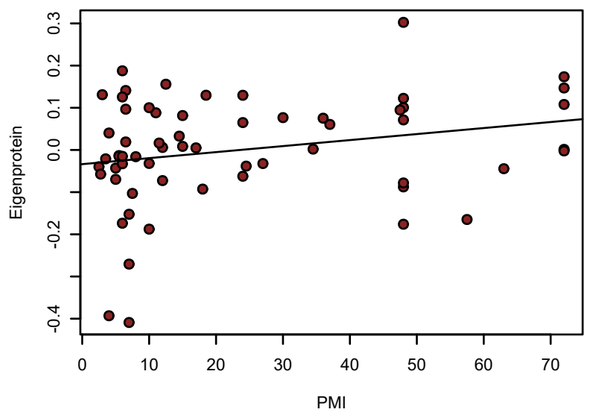

M46 brown4
T-test p = 0.85
Eigenprotein Value
control
cte_4

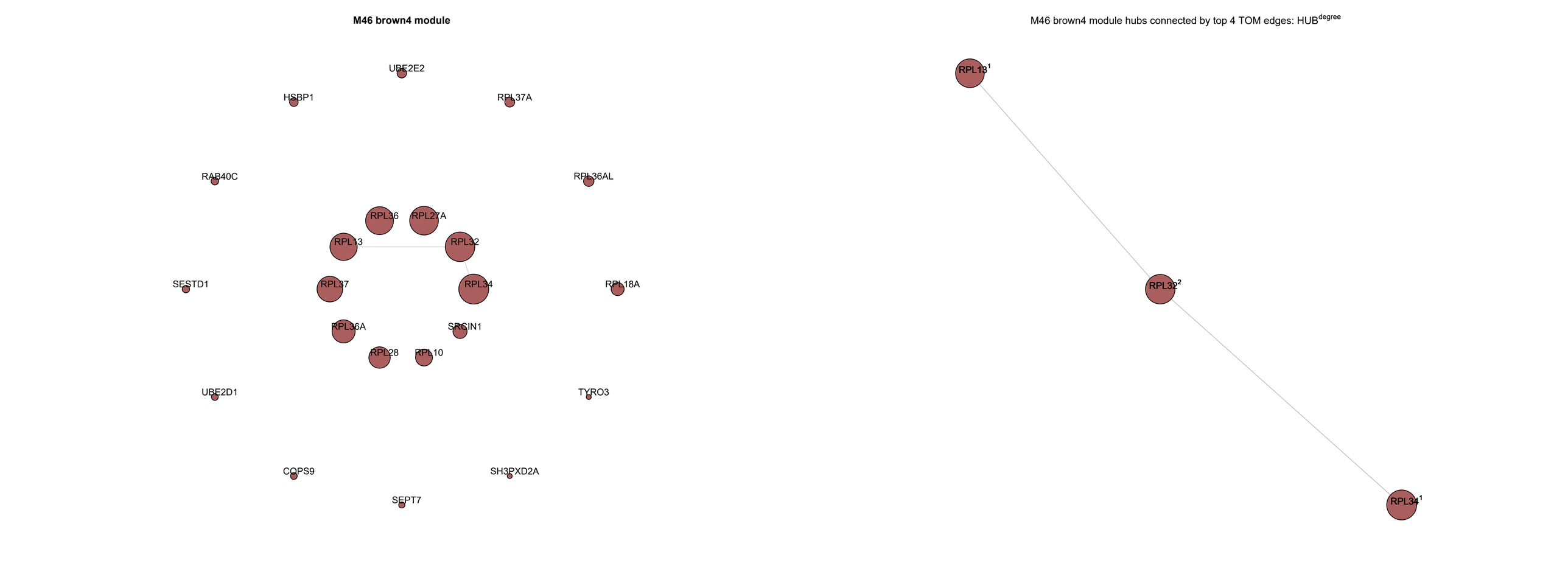

M46 brown4
T-test p = 0.27
Eigenprotein Value
control
ftd

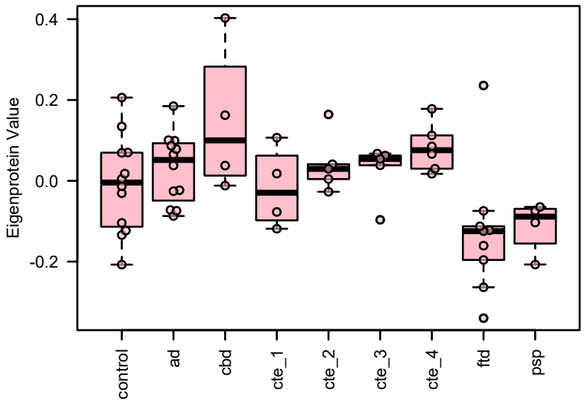

M46 brown4
T-test p = 0.57
Eigenprotein Value
control
psp

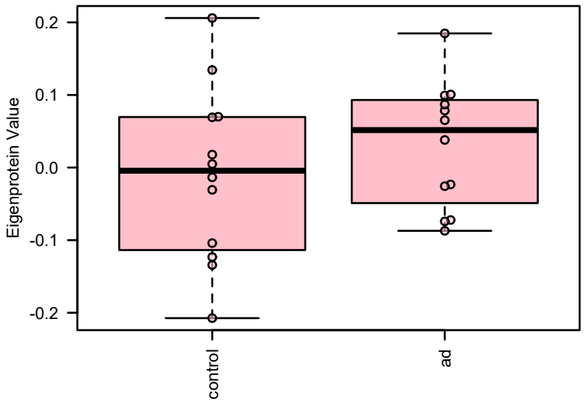

bicor=-0.44, p=0.00038
cor=-0.51, p=2.7e-05
Eigenprotein
Age

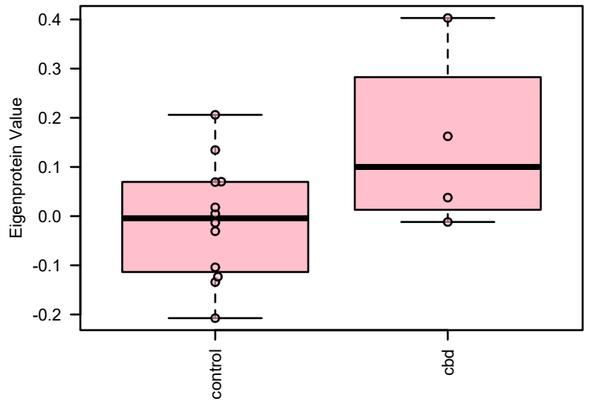

bicor=-0.18, p=0.16
cor=-0.18, p=0.17
Eigenprotein
Sex

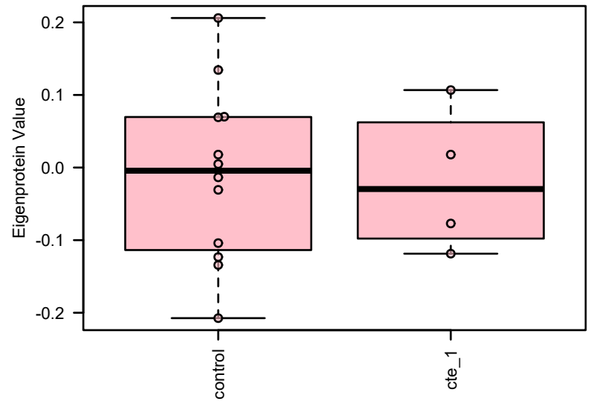

bicor=0.19, p=0.14
cor=0.24, p=0.062
Eigenprotein
PMI

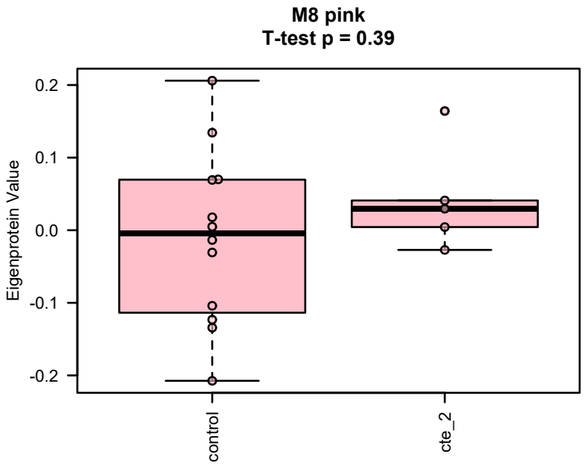

M46 brown4 module
UBE2E2
HSBP1
RPL37A
RAB40C
RPL36AL
RPL36
RPL27A
RPL13
RPL32
SESTD1
RPL37
RPL34
RPL18A
RPL36A
SRGIN1
RPL28
RPL10
UBE2D1
TYRO3
COPS9
SH3PXD2A
SEPT7
M46 brown4 module hubs connected by top 4 TOM edges: HUB degree
RPL18 1
RPL32 2
RPL34 1

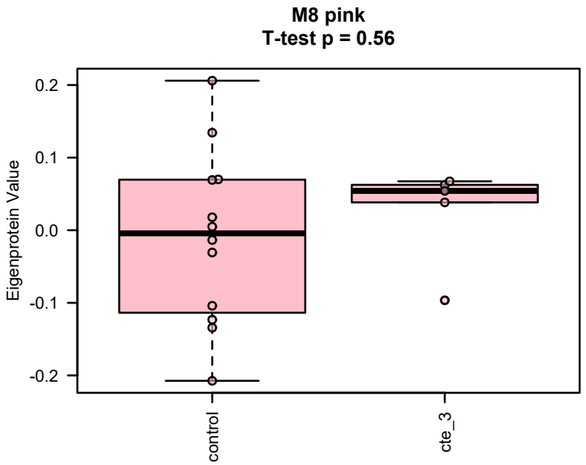

M8 pink
1-way AOV p = 0.0024
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

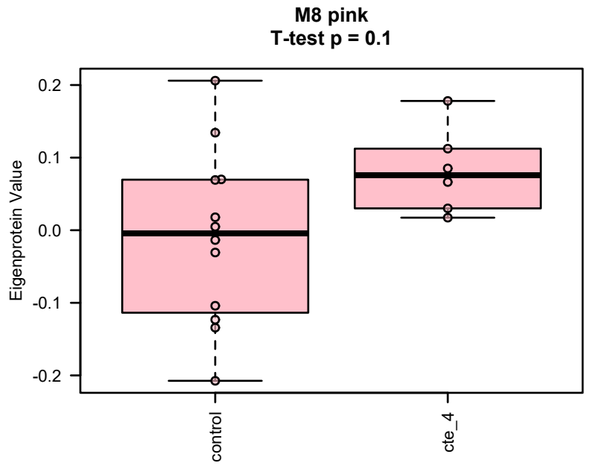

M8 pink
T-test p = 0.36
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

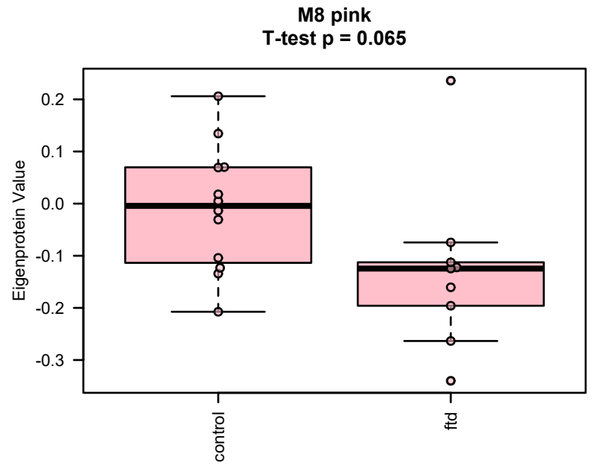

M8 pink
T-test p = 0.066
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cbd

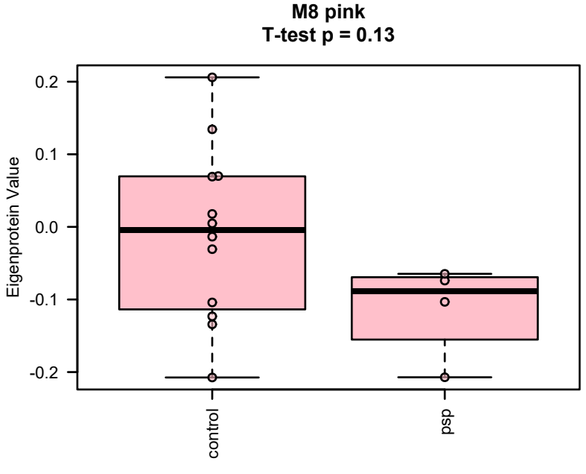

M8 pink
T-test p = 0.9
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

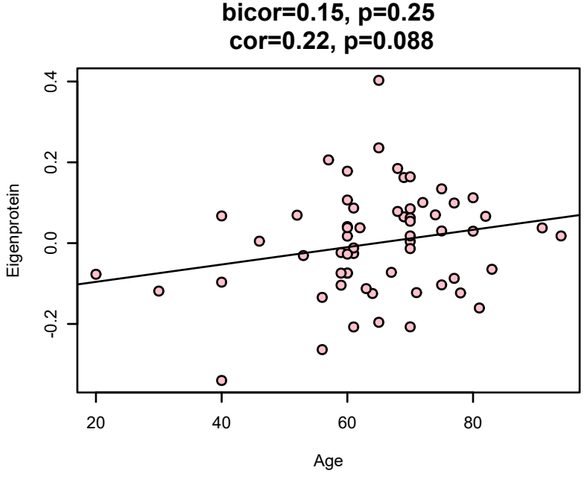

M8 pink
T-test p = 0.39
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

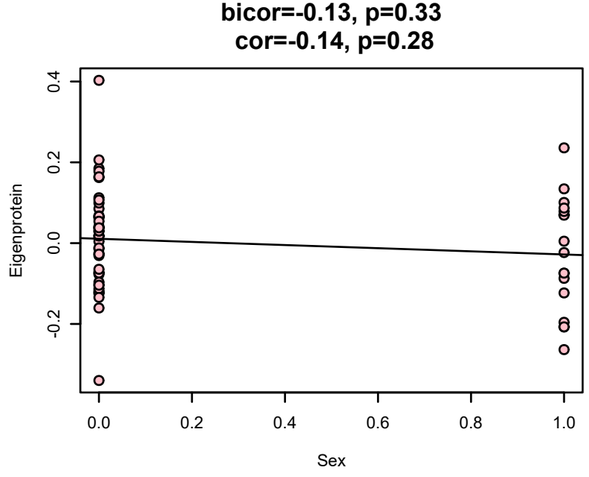

M8 pink
T-test p = 0.56
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

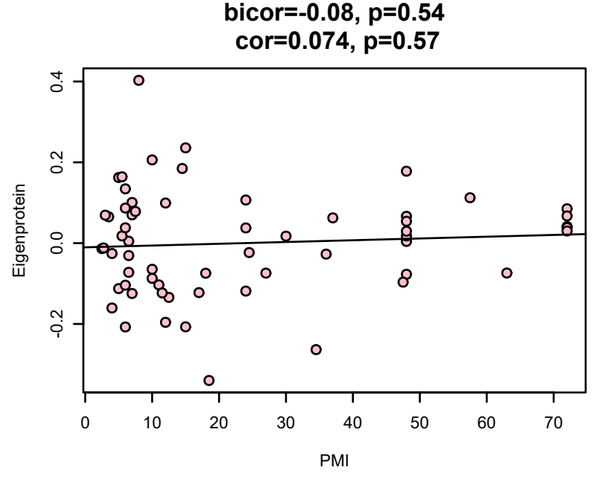

M8 pink
T-test p = 0.1
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

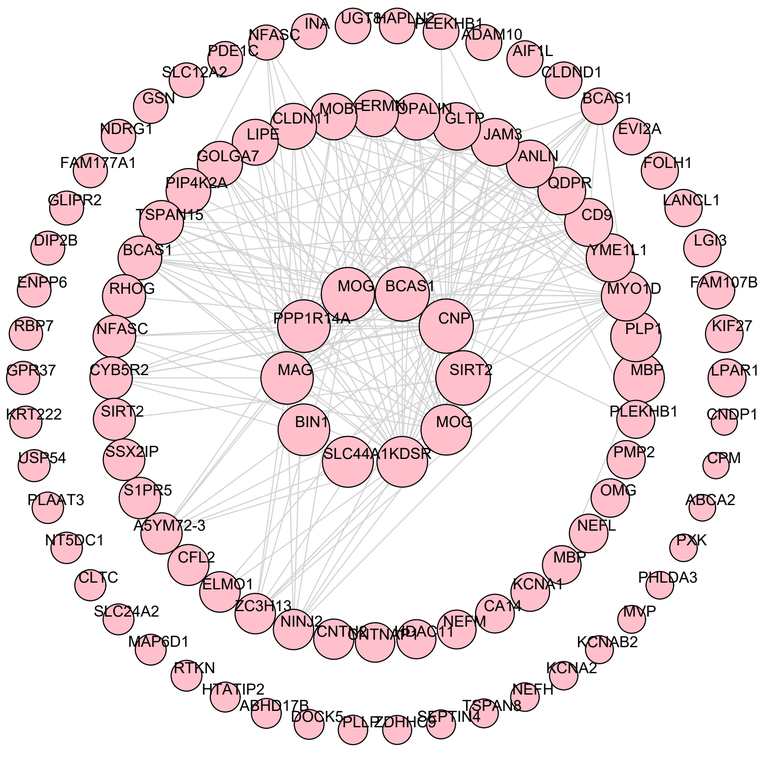

M8 pink
T-test p = 0.065
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

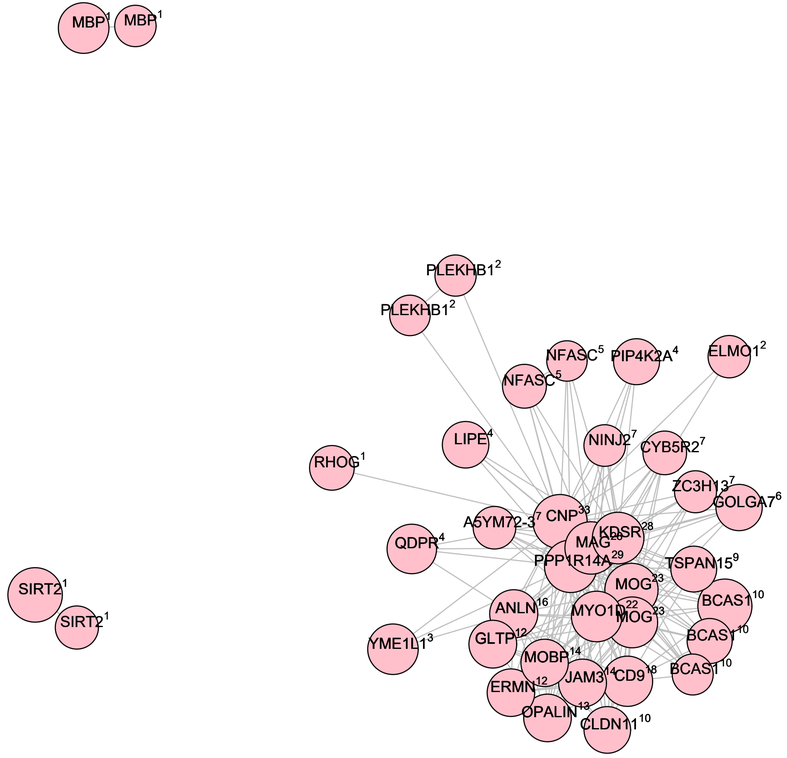

M8 pink
T-test p = 0.13
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
psp

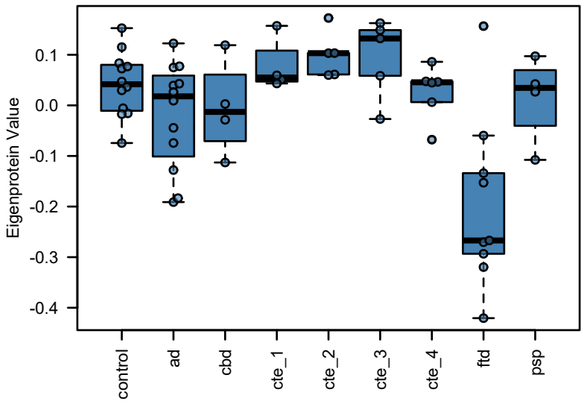

bicor=0.15, p=0.25
cor=0.22, p=0.088
Eigenprotein
0.4
0.2
0.0
-0.2
20
40
60
80
Age

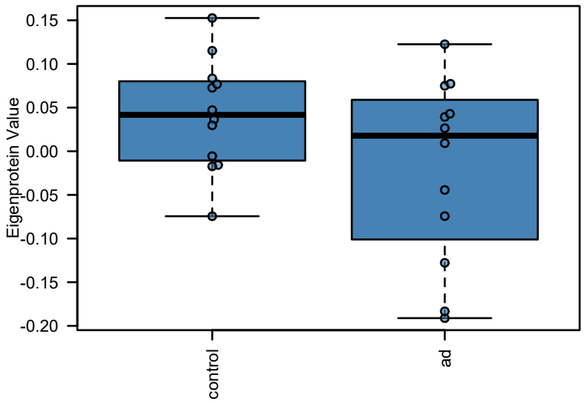

bicor=-0.13, p=0.33
cor=-0.14, p=0.28
Eigenprotein
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

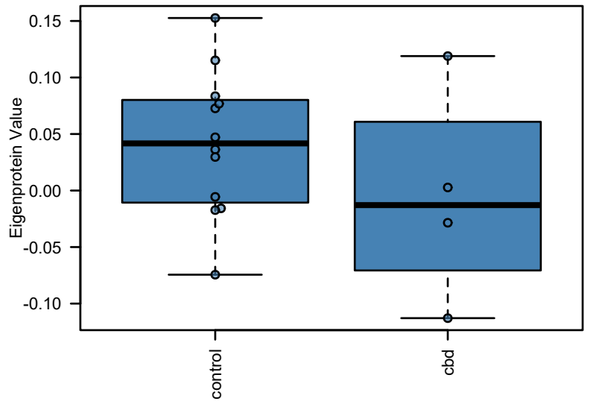

bicor=-0.08, p=0.54
cor=0.074, p=0.57
Eigenprotein
0.4
0.2
0.0
-0.2
0
10
20
30
40
50
60
70
PMI

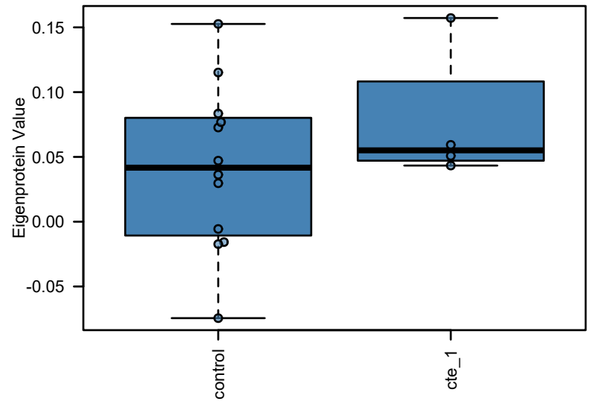

M8 pink module
INA
UGT8
MAPLN2
PLEKHB1
ADAM10
NFASC
PDE1C
AIF1L
SLC12A2
CLDND1
GSN
BCAS1
NDRG1
CLDN11
MOBP
ERMN
OPALIN
GLTP
EVI2A
LIPE
JAM3
FAM177A1
GOLGA7
ANLN
FOLH1
PIP4K2A
QDPR
GLIPR2
LANCL1
TSPAN15
CD9
DIP2B
LGI3
BCAS1
YME1L1
ENPP6
MOG
BCAS1
MYO1D
FAM107B
RHOG
PPP1R14A
CNP
RBP7
NFASC
PLP1
KIF27
GPR37
CYB5R2
MAG
SIRT2
MBP
LPAR1
KRT222
SIRT2
BIN1
MOG
PLEKHB1
CNDP1
USP54
SSX2IP
SLC44A1
KDSR
PMP2
CRM
PLAAT3
S1PR5
OMG
ABCA2
NT5DC1
A5YM72-3
NEFL
PXK
CFL2
MBP
CLTC
ELMO1
KCNA1
PHLDA3
SLC24A2
ZC3H13
CA14
MYP
NINJ2
NEFM
MAP6D1
KCNAB2
RTKN
KCNA2
HTATIP2
NEFH
ABHD17B
TSPAN8
DOCK5
SEPTIN4
PLLP
ZDHHC9

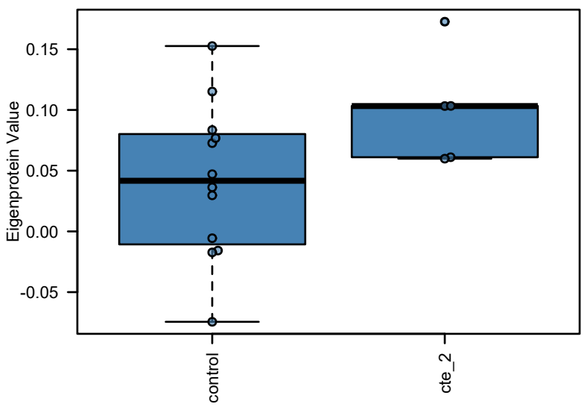

M8 pink module hubs connected by top 404 TOM edges: HUB degree
MBP 1
MBP 1
SIRT2 1
SIRT2 1
PLEKHB1 2
PLEKHB1 2
NFASC 5
PIP4K2A 4
ELMO1 2
NFASC 5
LIPE 4
NINJ2 7
CYB5R2 7
RHOG 1
ZC3H13 7
GOLGA7 6
A5YM72-3 7
CNP 33
KDSR 28
QDPR 4
MAG 28
PPP1R14A 29
TSPAN15 9
MOG 23
BCAS1 10
ANLN 16
MYO1D 22
MOG 23
GLTP 12
BCAS1 10
YME1L1 3
MOBP 14
JAM3 14
CD9 18
BCAS1 10
ERMN 12
OPALIN 13
CLDN11 10

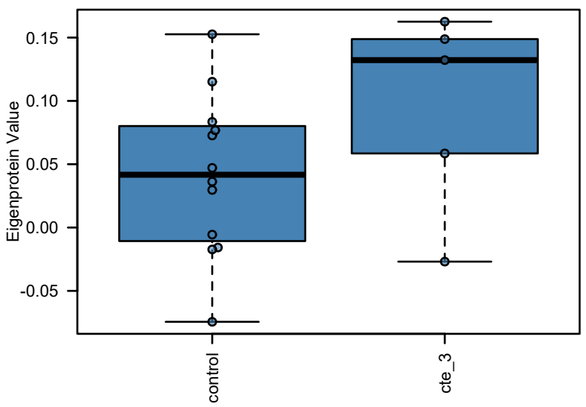

M30 steelblue
1-way AOV p = 9.8e-06
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

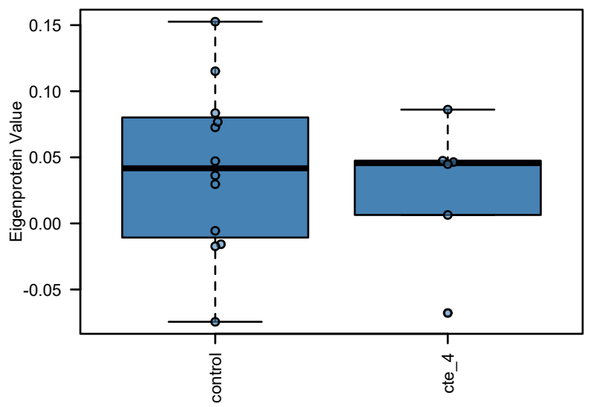

M30 steelblue
T-test p = 0.1
Eigenprotein Value
control
ad

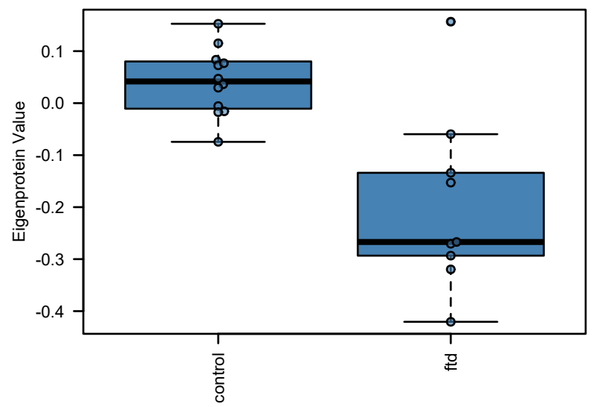

M30 steelblue
T-test p = 0.28
Eigenprotein Value
control
cbd

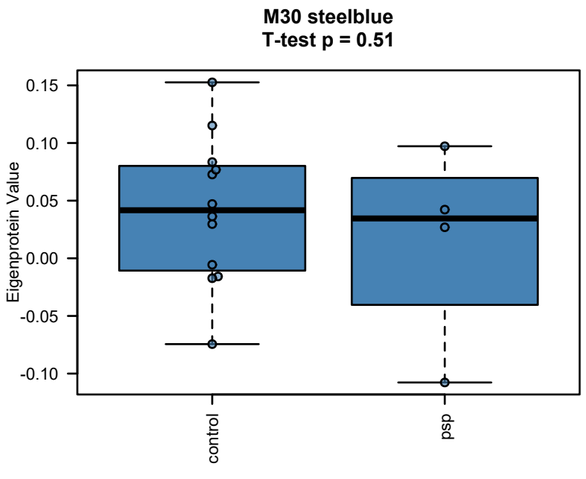

M30 steelblue
T-test p = 0.33
Eigenprotein Value
control
cte_1

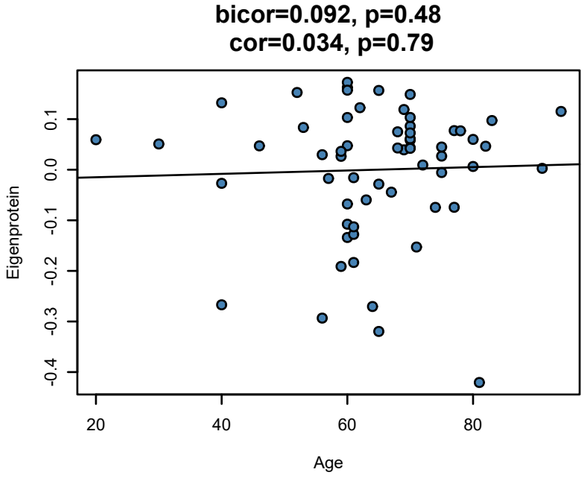

M30 steelblue
T-test p = 0.085
Eigenprotein Value
control
cte_2

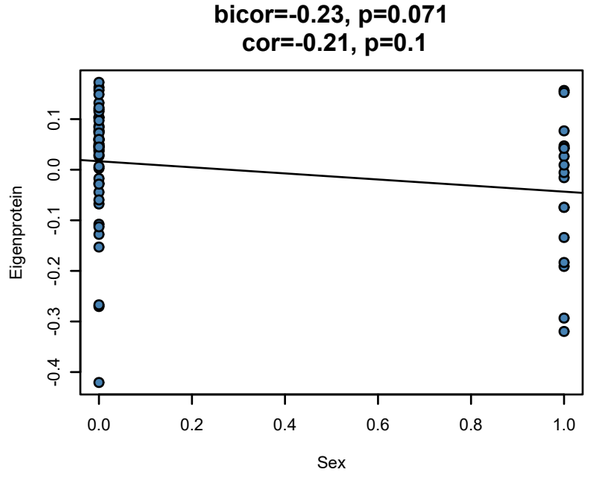

M30 steelblue
T-test p = 0.16
Eigenprotein Value
control
cte_3

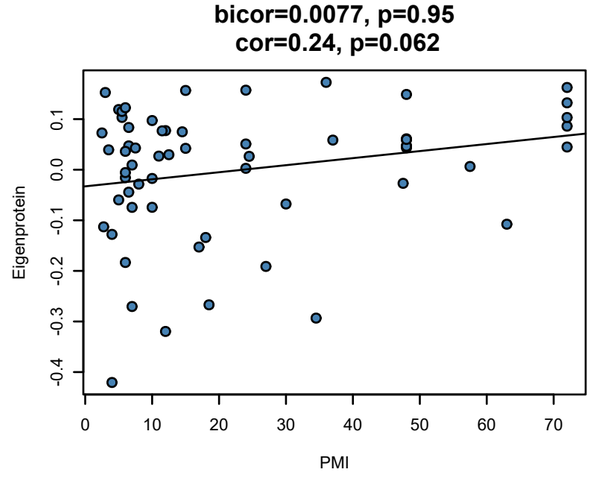

M30 steelblue
T-test p = 0.64
Eigenprotein Value
control
cte_4

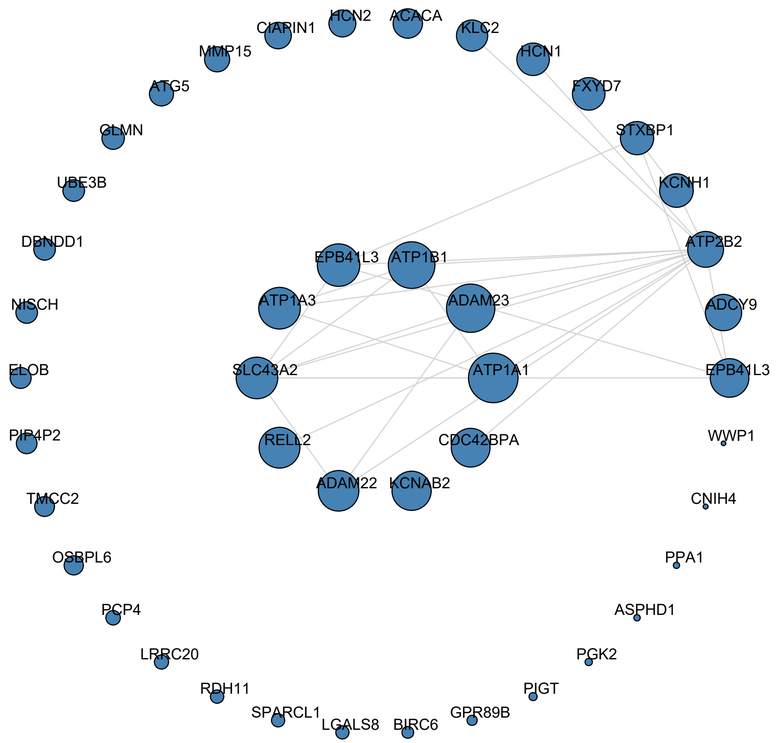

M30 steelblue
T-test p = 0.00028
Eigenprotein Value
control
ftd

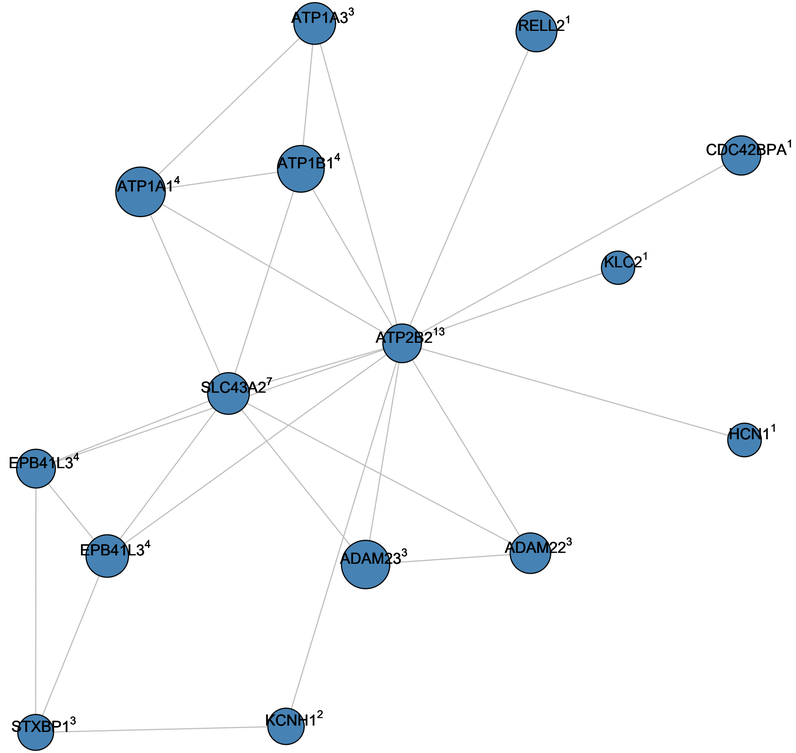

M30 steelblue
T-test p = 0.51
Eigenprotein Value
control
psp

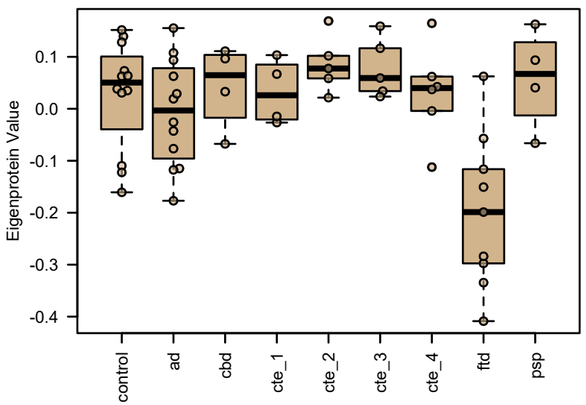

bicor=0.092, p=0.48
cor=0.034, p=0.79
Eigenprotein
Age

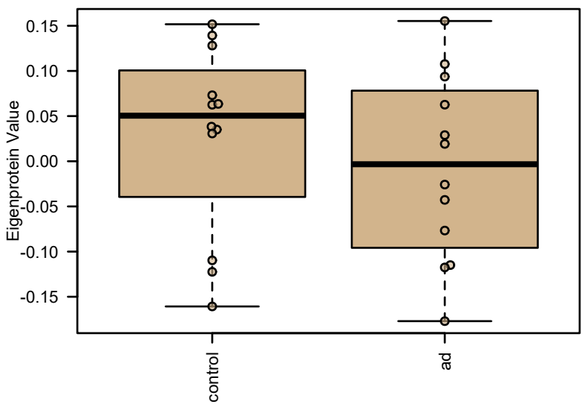

bicor=-0.23, p=0.071
cor=-0.21, p=0.1
Eigenprotein
Sex

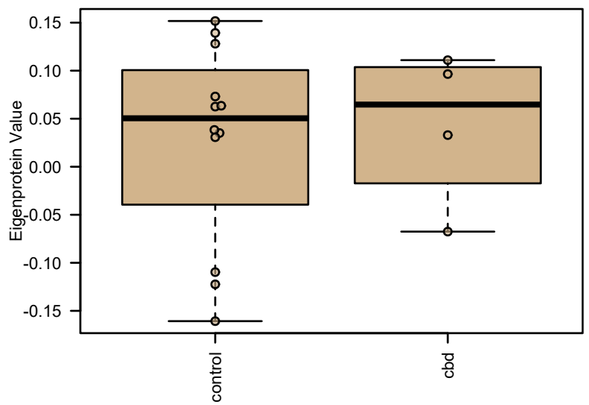

bicor=0.0077, p=0.95
cor=0.24, p=0.062
Eigenprotein
PMI

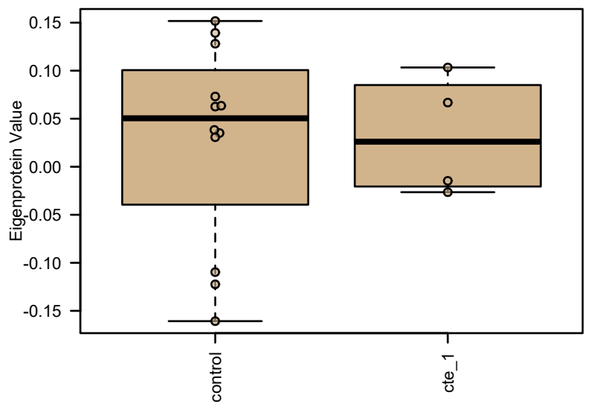

M30 steelblue module
CIARIN1
HCN2
ACACA
KLC2
MMP15
HCN1
ATG5
FXYD7
GLMN
STXBP1
UBE3B
KCNH1
DBNDD1
ATP2B2
EPB41L3
ATP1B1
NISCH
ATP1A3
ADAM23
ADCY9
ELOB
SLC43A2
ATP1A1
EPB41L3
PIP4P2
RELL2
CDC42BPA
WWP1
ADAM22
KCNAB2
TMCC2
CNIH4
OSBPL6
PPA1
PCP4
ASPHD1
LRRC20
PGK2
RDH11
PIGT
SPARCL1
GPR89B
LGALS8
BIRC6

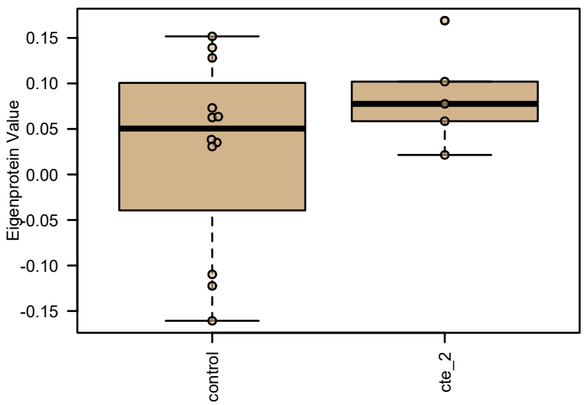

M30 steelblue module hubs connected by top 54 TOM edges: HUB^degree
ATP1A3^3
RELL2^1
CDC42BPA^1
ATP1B1^4
ATP1A1^4
KLC2^1
ATP2B2^13
SLC43A2^7
HCN1^1
EPB41L3^4
EPB41L3^4
ADAM23^3
ADAM22^3
STXBP1^3
KCNH1^2

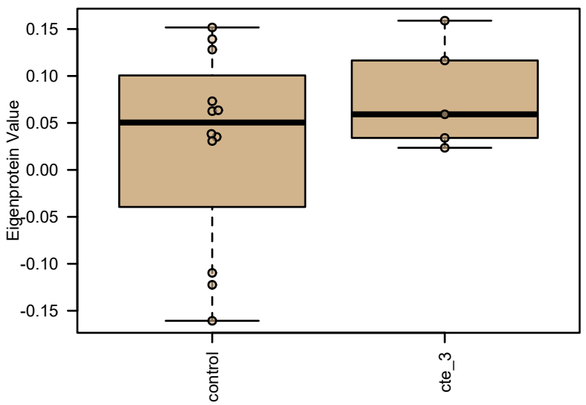

M12 tan
1-way AOV p = 4.1e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

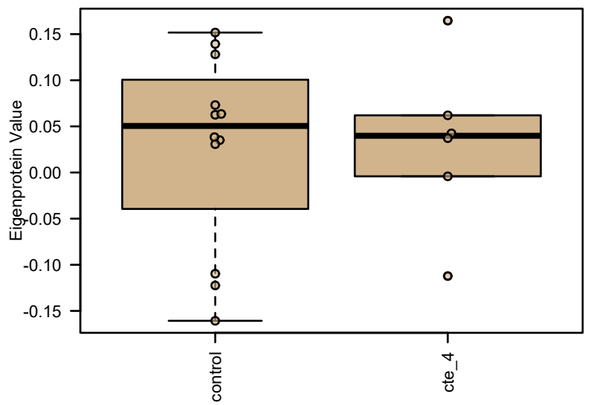

M12 tan
T-test p = 0.42
Eigenprotein Value
control
ad

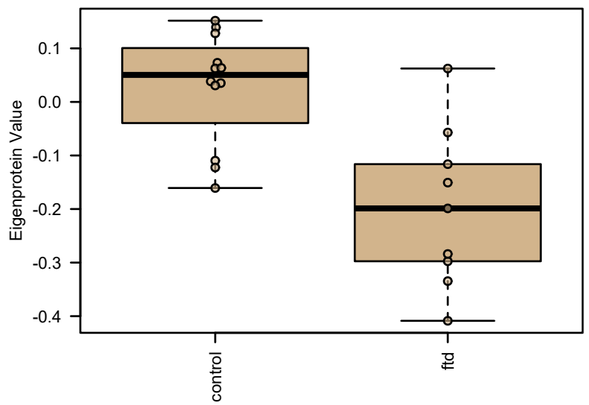

M12 tan
T-test p = 0.79
Eigenprotein Value
control
cbd

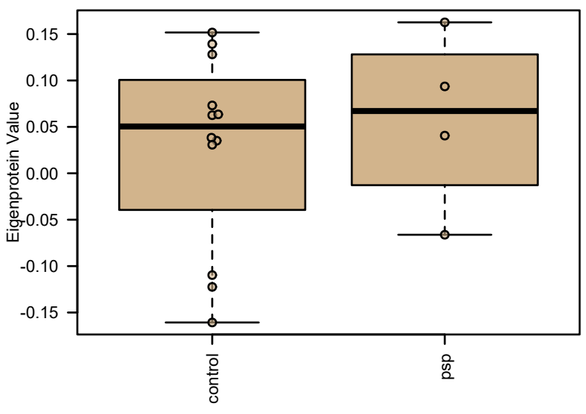

M12 tan
T-test p = 0.93
Eigenprotein Value
control
cte_1

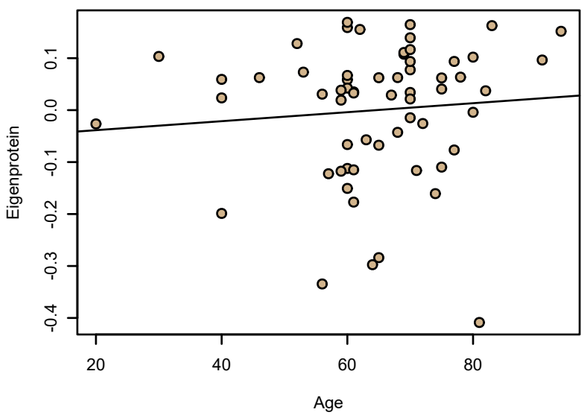

M12 tan
T-test p = 0.26
Eigenprotein Value
control
cte_2

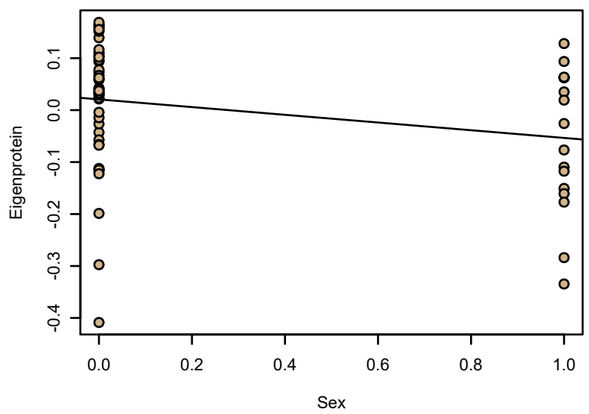

M12 tan
T-test p = 0.32
Eigenprotein Value
control
cte_3

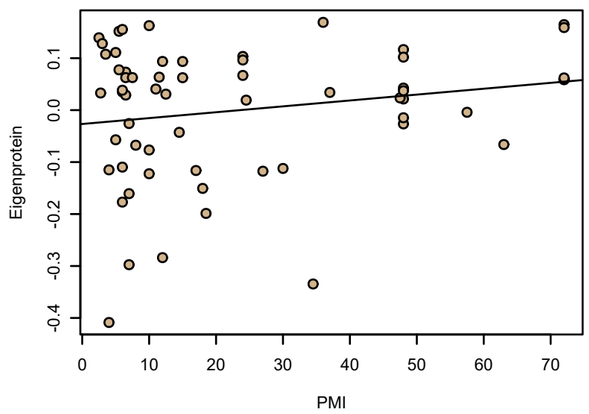

M12 tan
T-test p = 0.93
Eigenprotein Value
control
cte_4

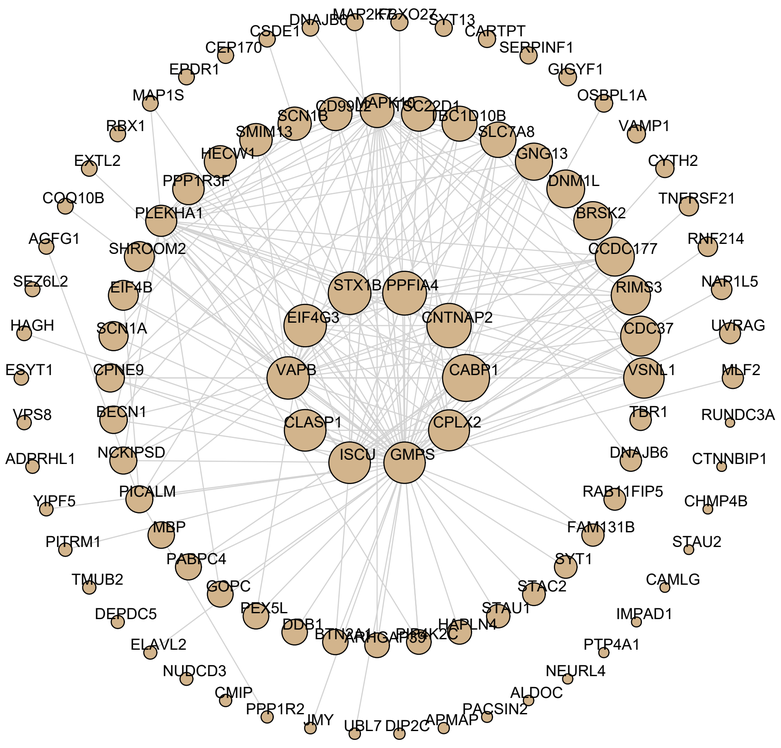

M12 tan
T-test p = 0.00061
Eigenprotein Value
control
ftd

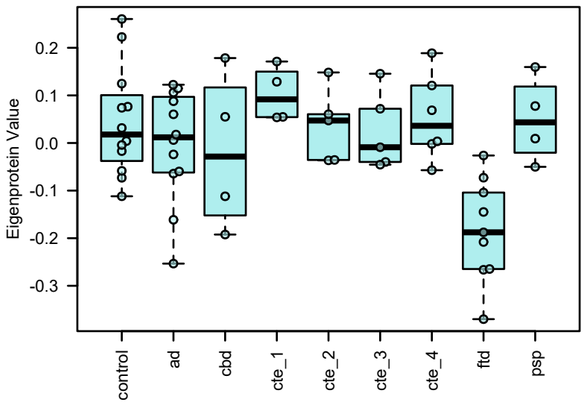

M12 tan
T-test p = 0.62
Eigenprotein Value
control
psp

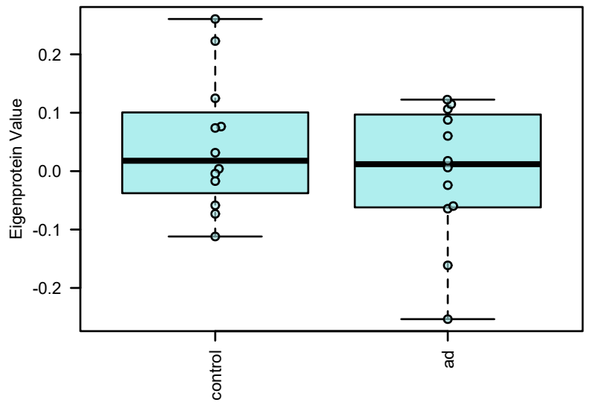

bicor=0.13, p=0.31
cor=0.088, p=0.5
Eigenprotein
Age

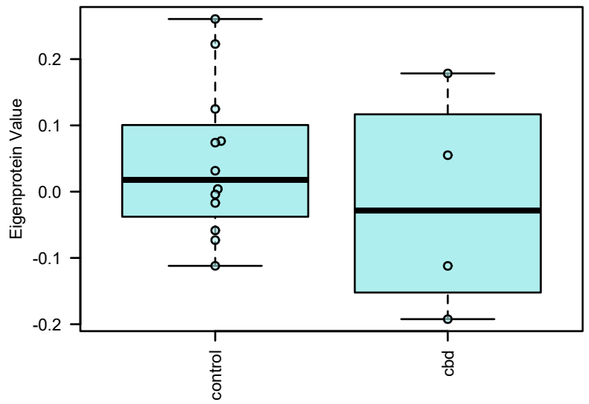

bicor=-0.28, p=0.028
cor=-0.26, p=0.043
Eigenprotein
Sex

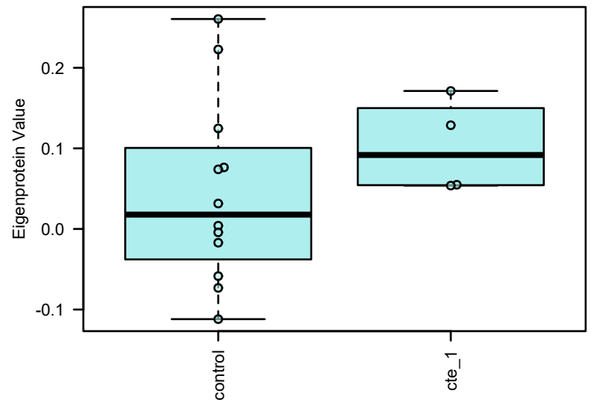

bicor=-0.056, p=0.67
cor=0.19, p=0.14
Eigenprotein
PMI

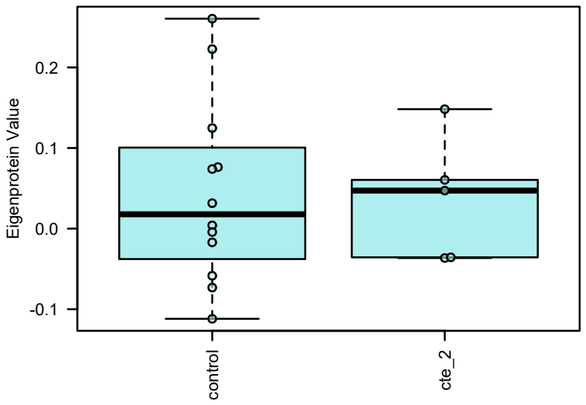

M12 tan module
DNAJB6
MAP2K7
FBXO27
SYT13
CSDE1
CARTPT
CEP170
SERPINF1
EPDR1
GIGYF1
MAP1S
OSBPL1A
CD99L2
MAPK10
TSC22D1
RBX1
SCN1B
TBC1D10B
VAMP1
SMIM13
SLC7A8
HECW1
GNG13
CYTH2
EXTL2
PPP1R3F
DNM1L
TNFRSF21
COQ10B
PLEKHA1
BRSK2
RNF214
ACFG1
SHROOM2
CCDC177
NAP1L5
SEZ6L2
EIF4B
STX1B
PPFIA4
RIMS3
UVRAG
HAGH
SCN1A
EIF4G3
CNTNAP2
CDC37
MLF2
ESYT1
CPNE9
VAPB
CABP1
VSNL1
RUNDC3A
VPS8
BECN1
CLASP1
CPLX2
TBR1
CTNNBIP1
ADPRHL1
NCKIPSD
ISCU
GMPS
DNAJB6
CHMP4B
YIPF5
PICALM
RAB11FIP5
STAU2
PITRM1
MBP
FAM131B
CAMLG
TMUB2
PABPC4
SYT1
IMPAD1
DERDC5
GOPC
STAC2
PTP4A1
ELAVL2
PEX5L
STAU1
NEURL4
NUDCD3
DDB1
HAPLN4
ALDOC
CMIP
BTN2A1
PIP4K2C
PACSIN2
PPP1R2
ARHGAP39
APMAP
IMY
UBL7
DIP2C
M12 tan module hubs connected by top 400 TOM edges: HUB^degree
PPP1R2^1
ACFG1^1
OSBPL1A^1
EIF4B^3
PICALM^6
PEX5L^2
SCN1A^2
CLASP1^3
CDC37^5
SCN1B^2
ARHGAP39^2
TSC22D1^6
MLF2^1
CPLX2^3
CCDC177^11
DDB1^1
SHROOM2^3
EIF4G3^12
MAP2K7^1
VAPB^29
SMIM13^5
ISCU^17
RIMS3^8
NAP1L5^1
CD99L2^4
CABP1^10
CNTNAP2^11
BTN2A1^2
CSDE1^1
PLEKHA1^26
GMPS^62
VSNL1^17
SLC7A8^10
STAC2^1
HAPLN4^1
PPP1R3F^4
CPNE9^6
NCKIPSD^4
EXTL2^1
HECW1^4
BECN1^4
PABPC4^2
PITRM1^1
YIPF5^1
HAGH^1
PIP4K2C^3
MAP1S^2
FAM131B^2
FBXO27^1
GOPC^2
JMY^1
UVRAG^1
SYT1^1
CYTH2^1
UBL7^1
ELAVL2^1
TNFRSF21^1
RNF214^1
STAU1^1
COQ10B^1
DNAJB6^1
DNAJB6^1

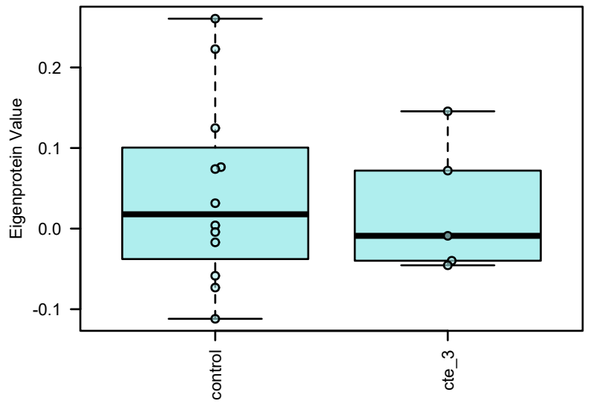

M31 paleturquoise
1-way AOV p = 0.00041
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

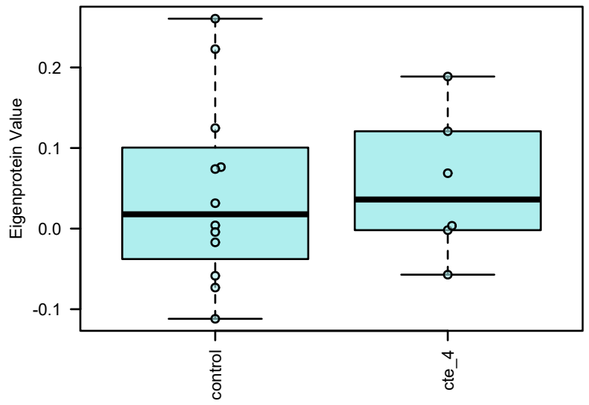

M31 paleturquoise
T-test p = 0.32
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

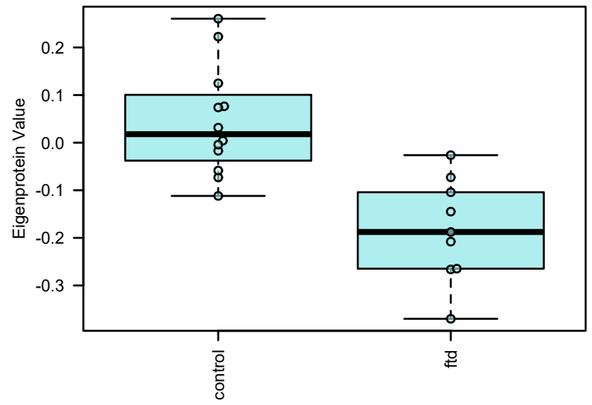

M31 paleturquoise
T-test p = 0.41
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

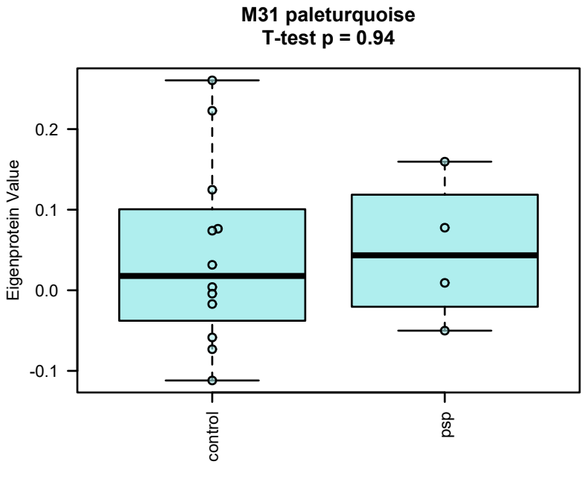

M31 paleturquoise
T-test p = 0.35
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

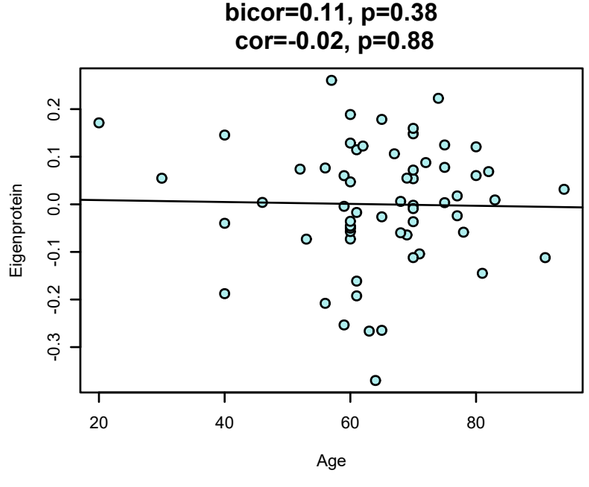

M31 paleturquoise
T-test p = 0.9
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

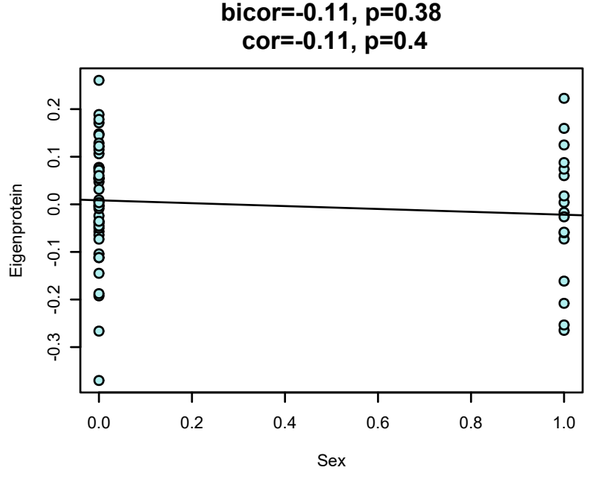

M31 paleturquoise
T-test p = 0.74
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

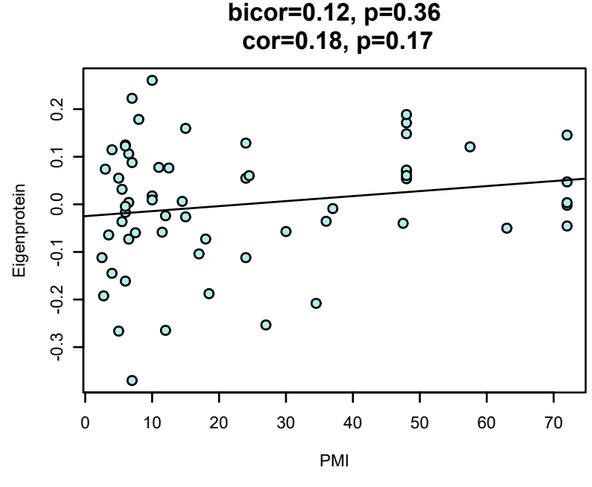

M31 paleturquoise
T-test p = 0.86
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4


M31 paleturquoise
T-test p = 0.00019
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

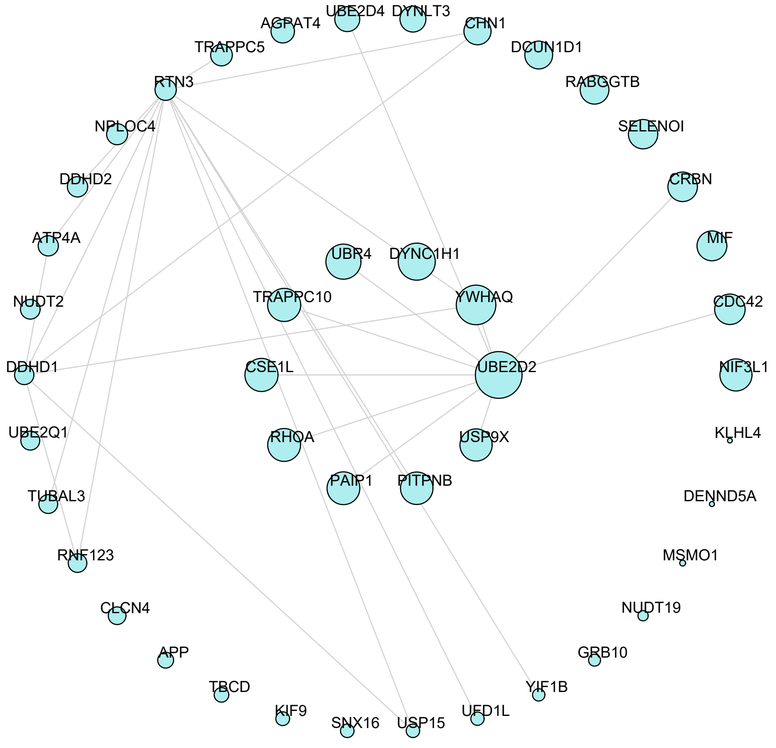

M31 paleturquoise
T-test p = 0.94
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp


bicor=0.11, p=0.38
cor=-0.02, p=0.88
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

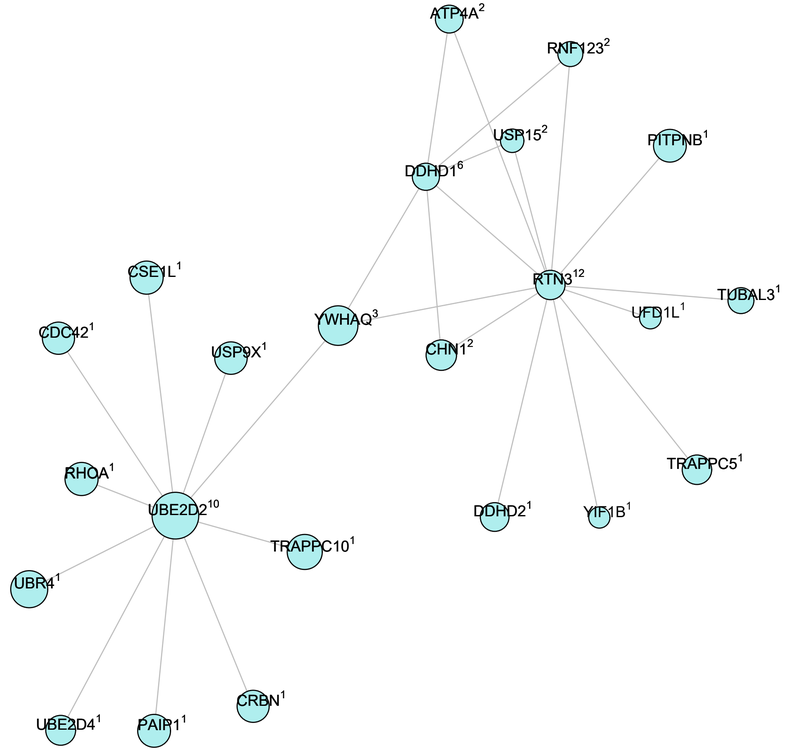

bicor=-0.11, p=0.38
cor=-0.11, p=0.4
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

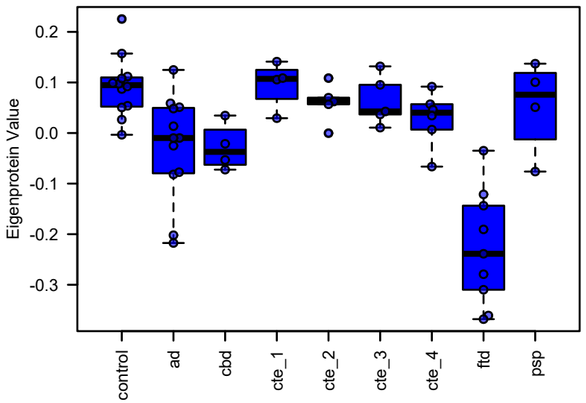

bicor=0.12, p=0.36
cor=0.18, p=0.17
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

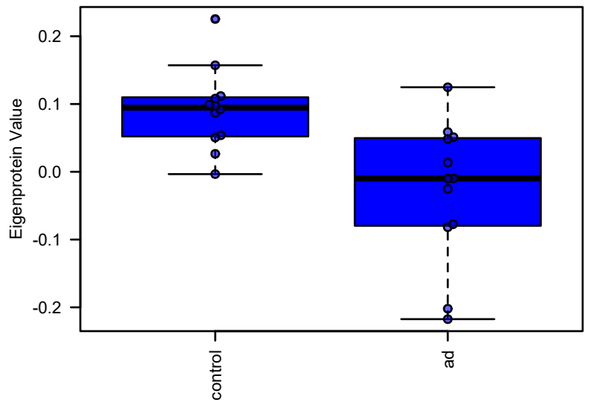
M31 paleturquoise module

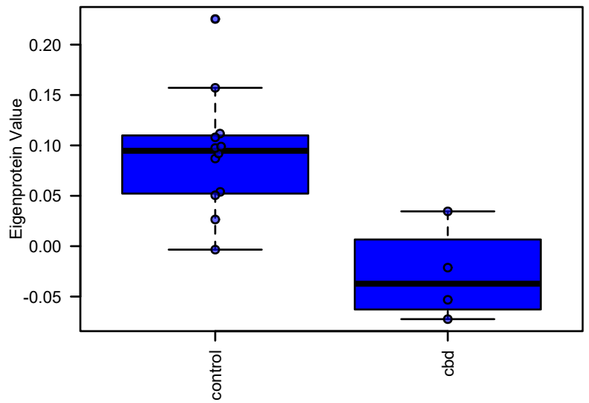


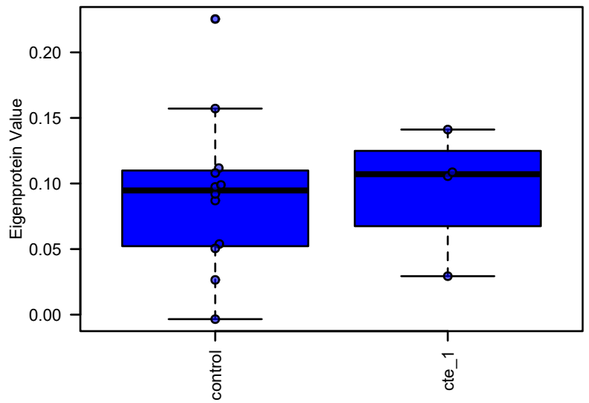
M31 paleturquoise module hubs connected by top 54 TOM edges: HUB^{degree}

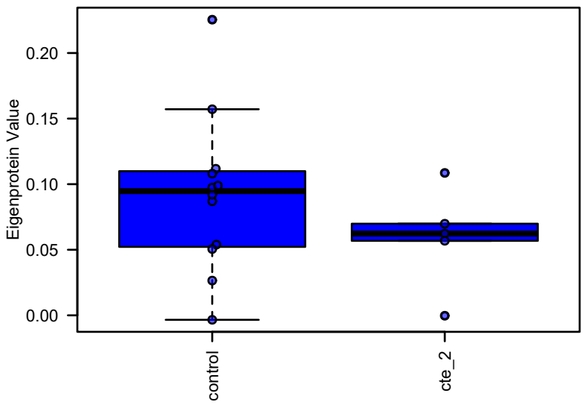


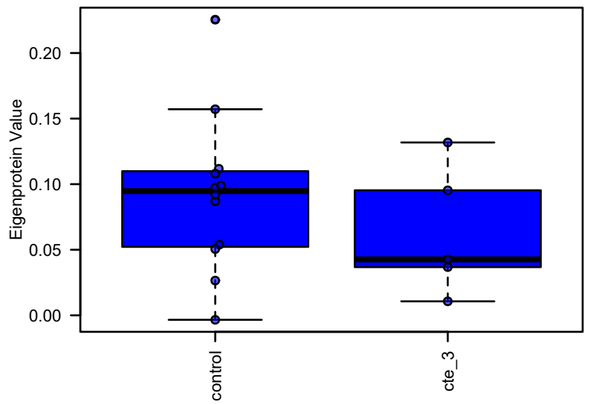

M2 blue
1-way AOV p = 3.4e-10
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

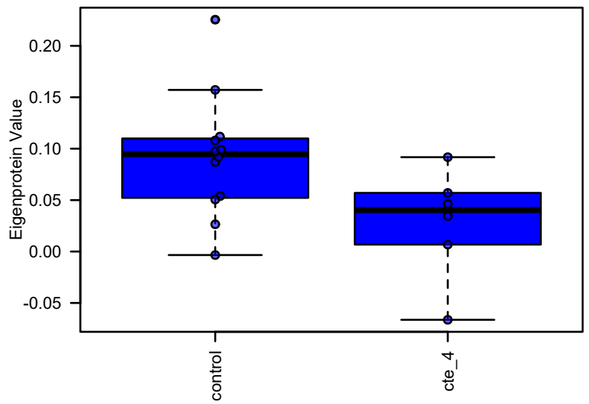

M2 blue
T-test p = 0.0022
Eigenprotein Value
control
ad

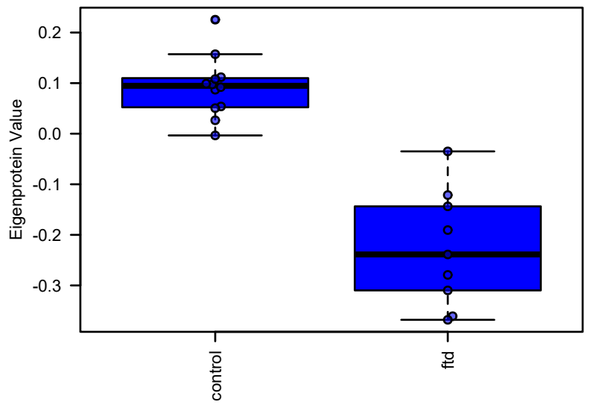

M2 blue
T-test p = 0.0027
Eigenprotein Value
control
cbd

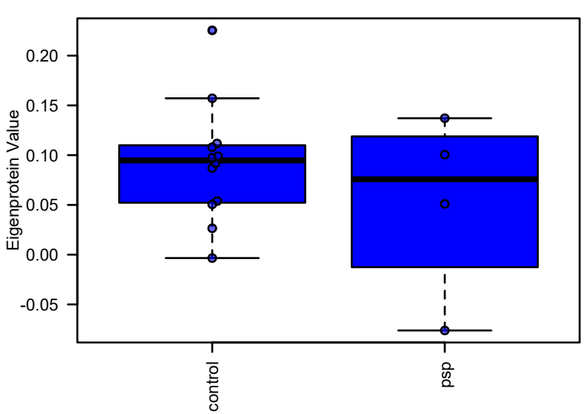

M2 blue
T-test p = 0.9
Eigenprotein Value
control
cte_1

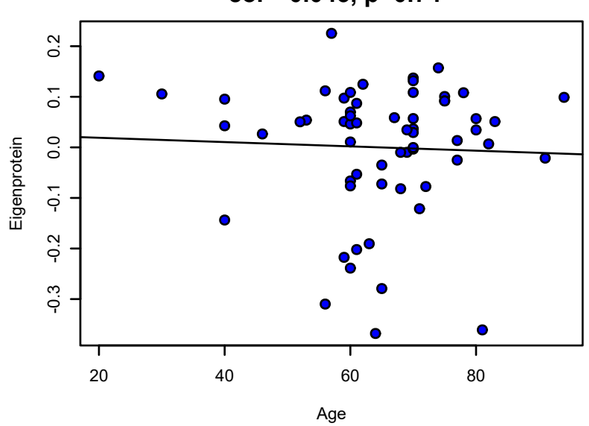

M2 blue
T-test p = 0.28
Eigenprotein Value
control
cte_2

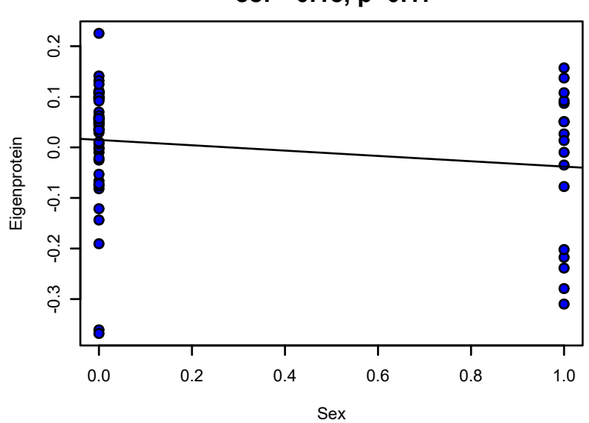

M2 blue
T-test p = 0.36
Eigenprotein Value
control
cte_3

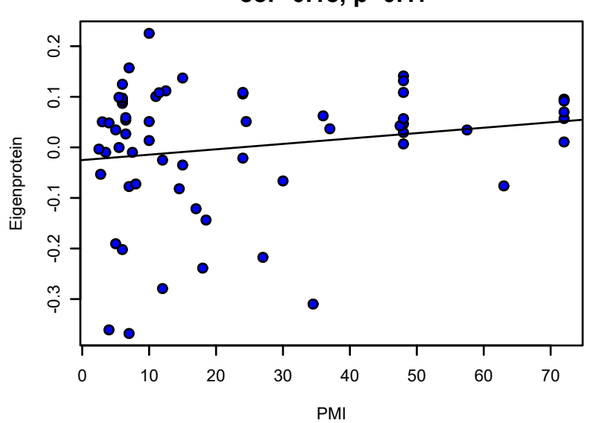

M2 blue
T-test p = 0.043
Eigenprotein Value
control
cte_4


M2 blue
T-test p = 8.9e-08
Eigenprotein Value
control
ftd

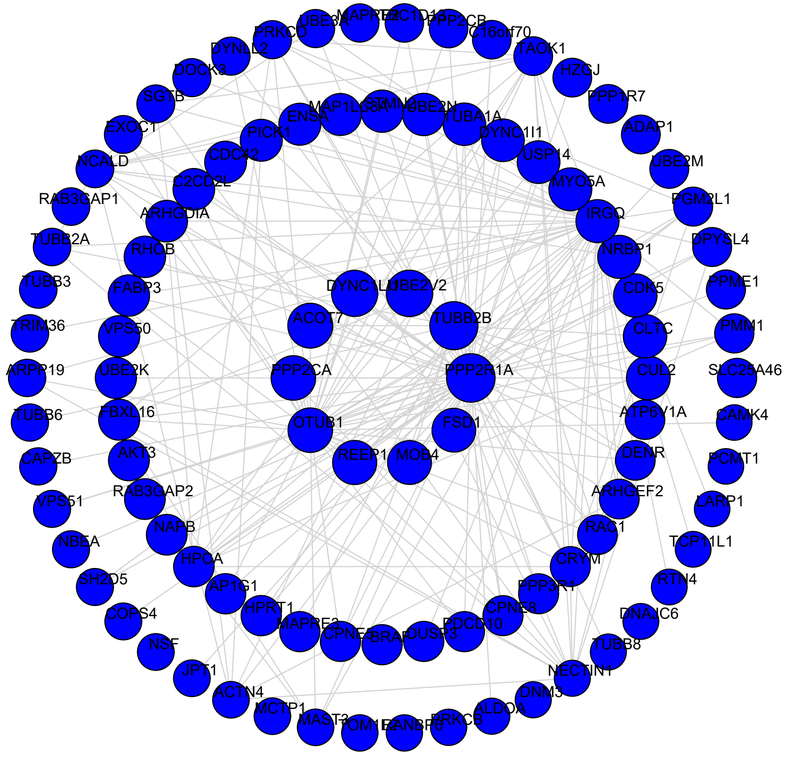

M2 blue
T-test p = 0.34
Eigenprotein Value
control
psp


bicor=0.064, p=0.62
cor=-0.043, p=0.74
Eigenprotein
Age

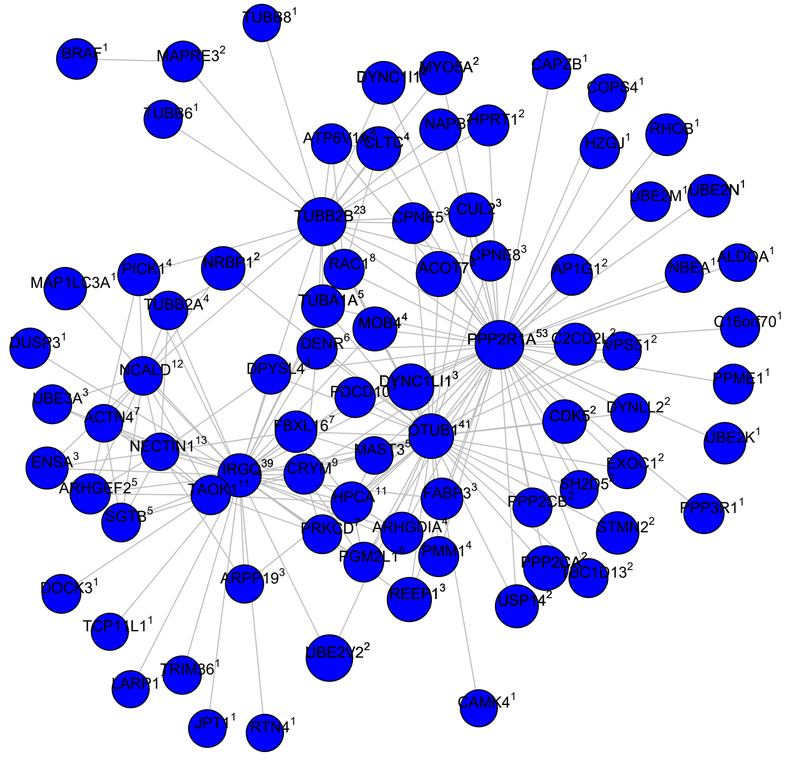

bicor=-0.16, p=0.2
cor=-0.18, p=0.17
Eigenprotein
Sex

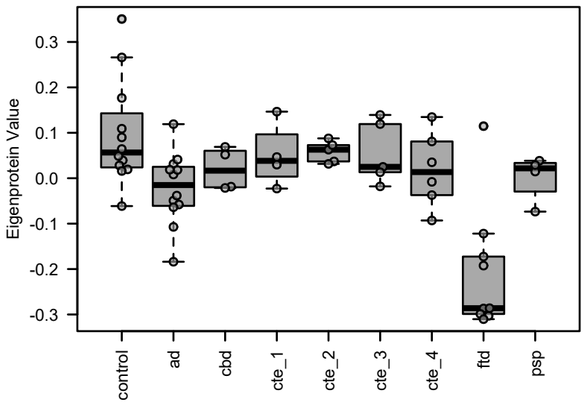

bicor=0.0084, p=0.95
cor=0.18, p=0.17
Eigenprotein
PMI

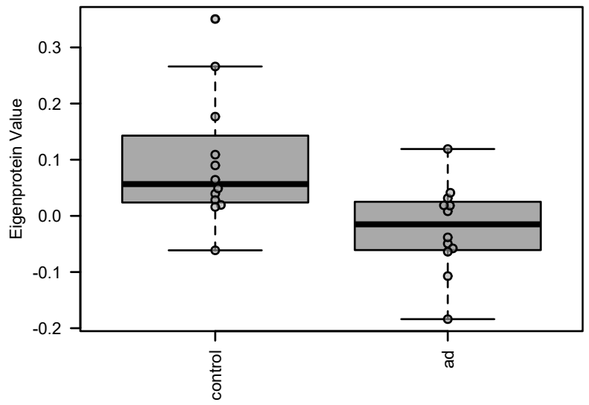
M2 blue module

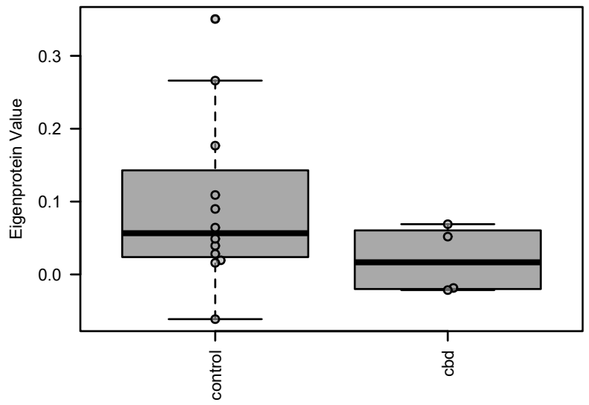


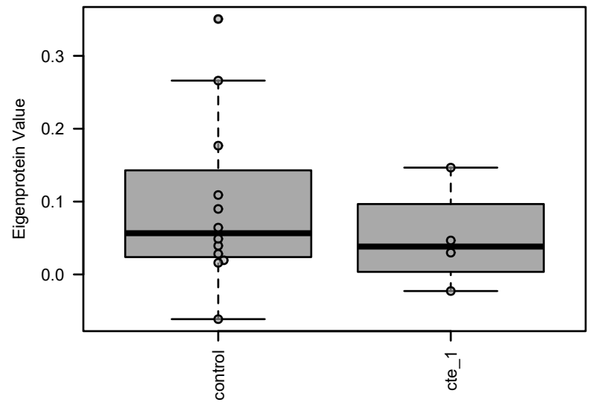
M2 blue module hubs connected by top 400 TOM edges: HUB^{degree}

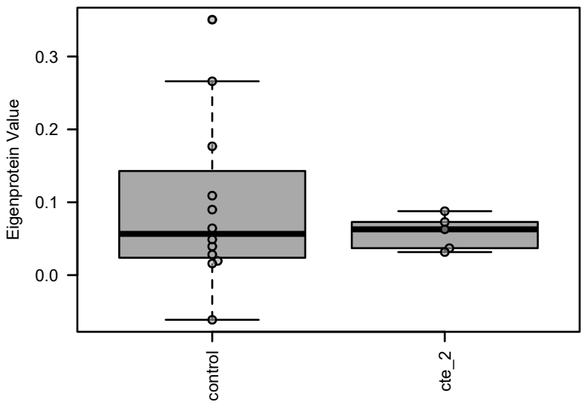


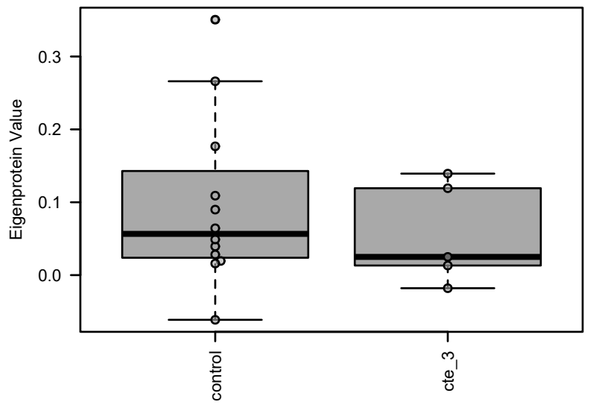

M24 darkgrey
1-way AOV p = 8.3e-07
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

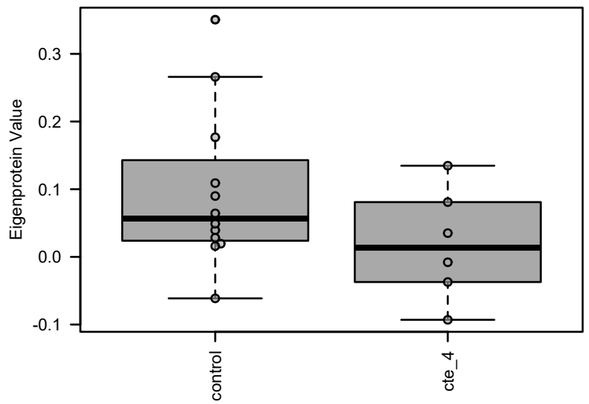

M24 darkgrey
T-test p = 0.0083
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad

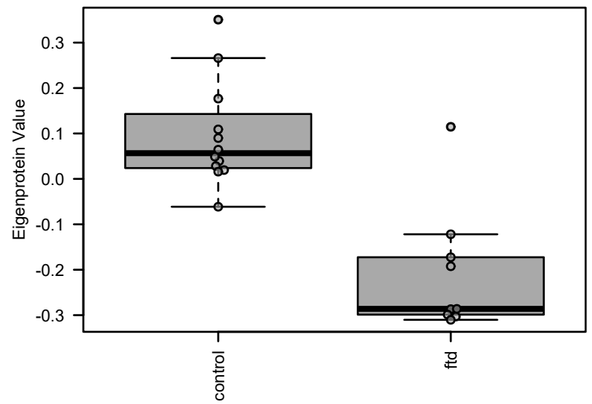

M24 darkgrey
T-test p = 0.24
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cbd

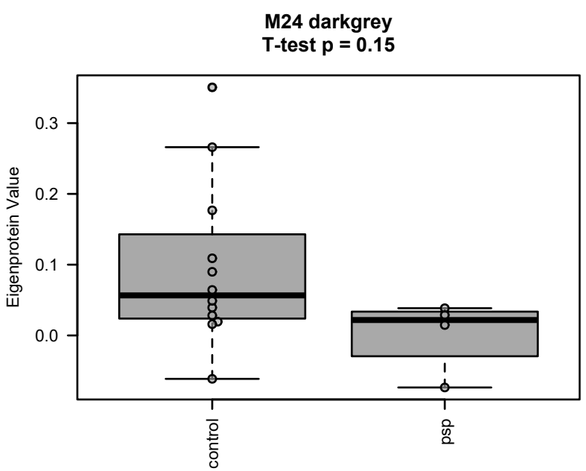

M24 darkgrey
T-test p = 0.48
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_1

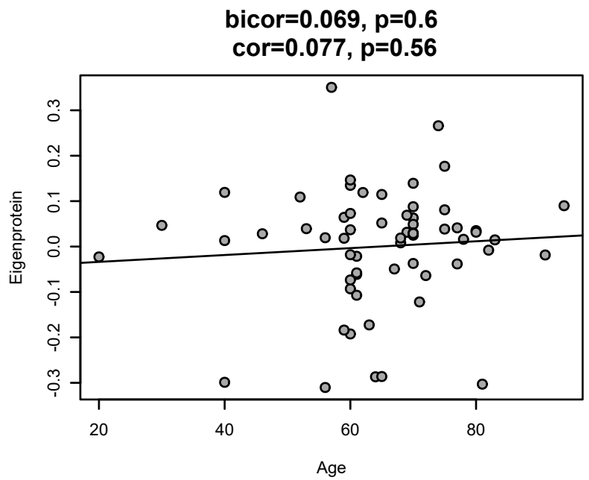

M24 darkgrey
T-test p = 0.5
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_2

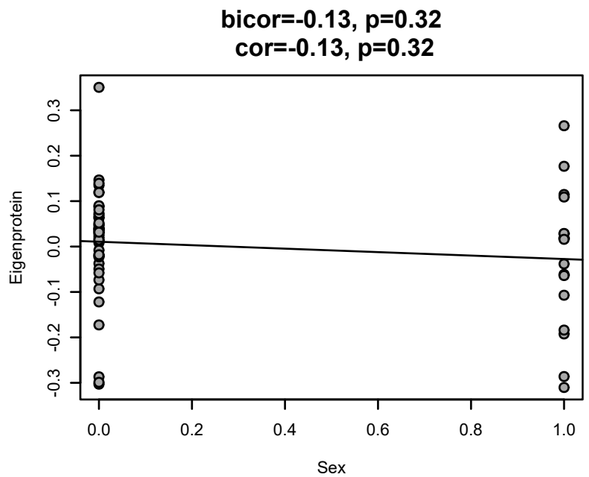

M24 darkgrey
T-test p = 0.49
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_3

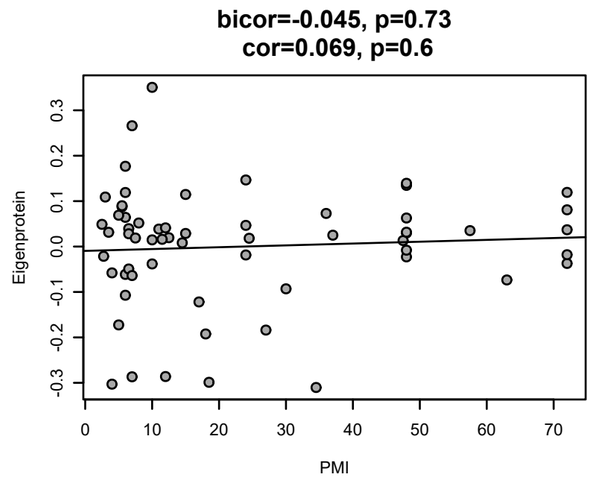

M24 darkgrey
T-test p = 0.17
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4

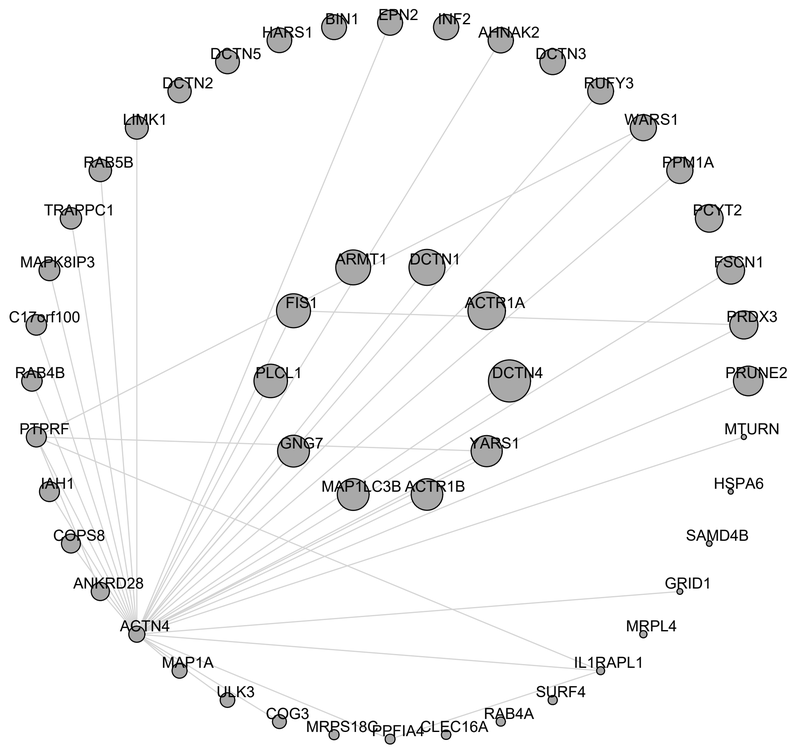

M24 darkgrey
T-test p = 3e-05
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

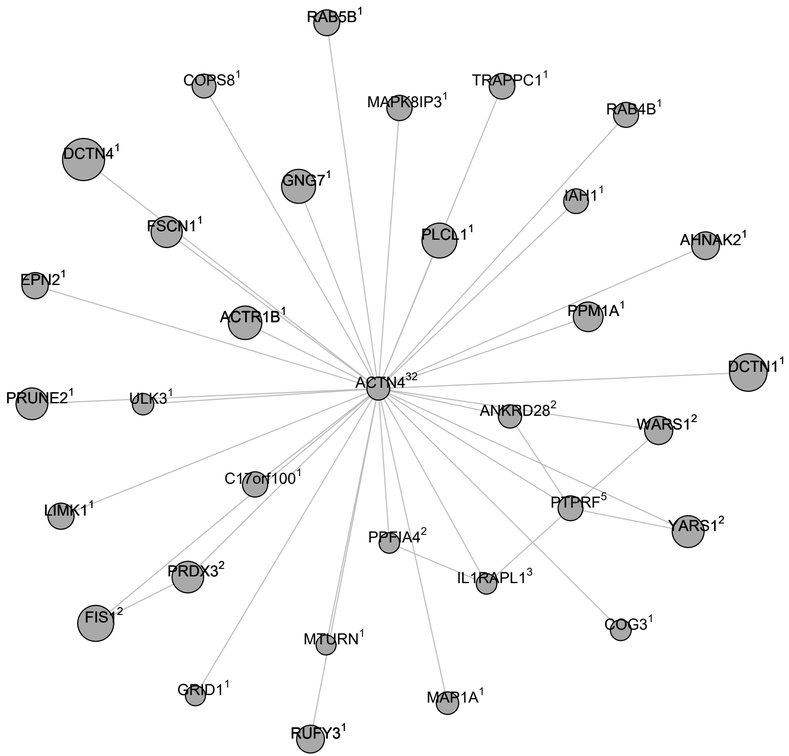

M24 darkgrey
T-test p = 0.15
Eigenprotein Value
0.3
0.2
0.1
0.0
control
psp

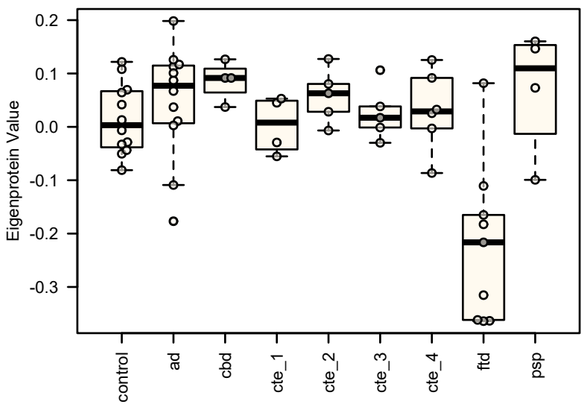

bicor=0.069, p=0.6
cor=0.077, p=0.56
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

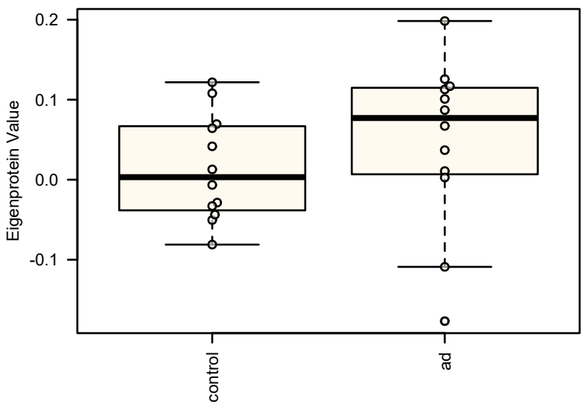

bicor=-0.13, p=0.32
cor=-0.13, p=0.32
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

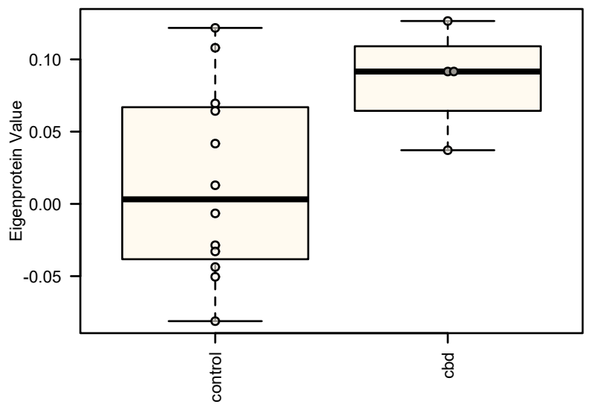

bicor=-0.045, p=0.73
cor=0.069, p=0.6
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

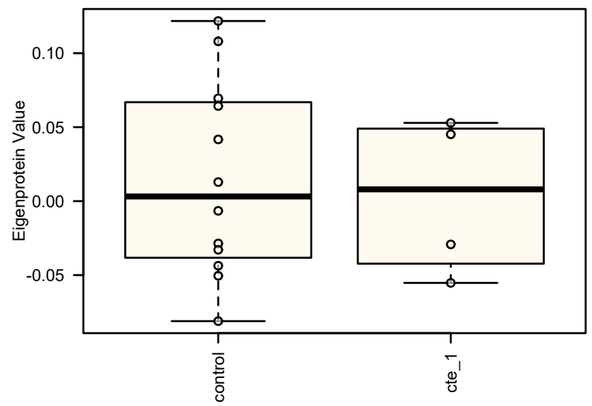

M24 darkgrey module
BIN1
EPN2
INF2
HARS1
AHNAK2
DCTN5
DCTN3
DCTN2
RUFY3
LIMK1
WARS1
RAB5B
PPM1A
TRAPPC1
PCYT2
MAPK8IP3
ARMT1
DCTN1
FSCN1
FIS1
ACTR1A
C17orf100
PRDX3
RAB4B
PLCL1
DCTN4
PRUNE2
PTPRF
GNG7
YARS1
MTURN
IAH1
MAP1LC3B
ACTR1B
HSPA6
COPS8
SAMD4B
ANKRD28
GRID1
ACTN4
MRPL4
MAP1A
IL1RAPL1
ULK3
SURF4
COG3
RAB4A
MRPS18C
PPFIA4
CLEC16A

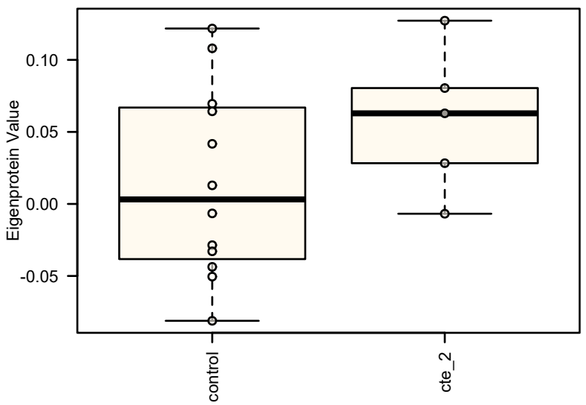

M24 darkgrey module hubs connected by top 76 TOM edges: HUB degree
RAB5B 1
COPS8 1
TRAPPC1 1
MAPK8IP3 1
RAB4B 1
DCTN4 1
GNG7 1
IAH1 1
FSCN1 1
PLCL1 1
AHNAK2 1
EPN2 1
ACTR1B 1
PPM1A 1
DCTN1 1
PRUNE2 1
ULK3 1
ACTN4 32
ANKRD28 2
WARS1 2
C17orf100 1
LIMK1 1
PTPRF 5
YARS1 2
PPFIA4 2
PRDX3 2
IL1RAPL1 3
FIS1 2
COG3 1
MTURN 1
GRID1 1
MAP1A 1
RUFY3 1

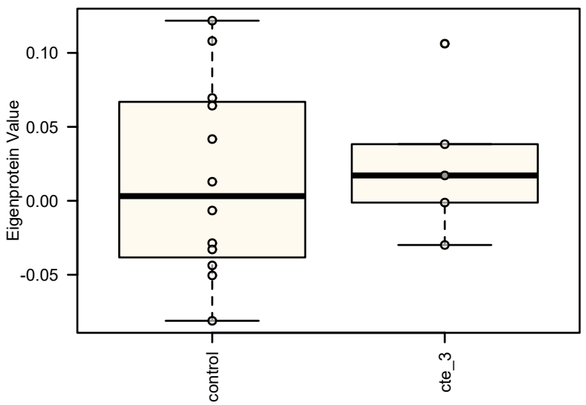

M44 floralwhite
1-way AOV p = 6.7e-07
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

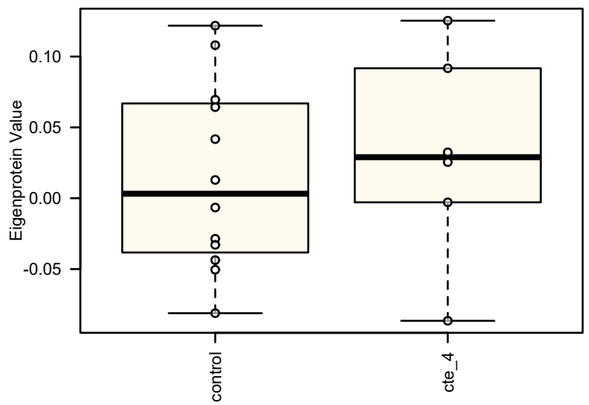

M44 floralwhite
T-test p = 0.36
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

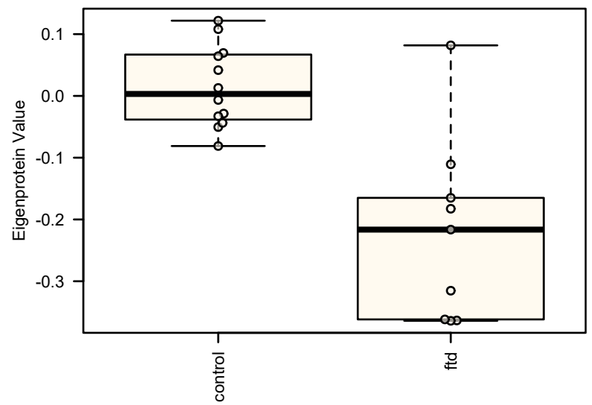

M44 floralwhite
T-test p = 0.059
Eigenprotein Value
0.10
0.05
0.00
-0.05
control
cbd

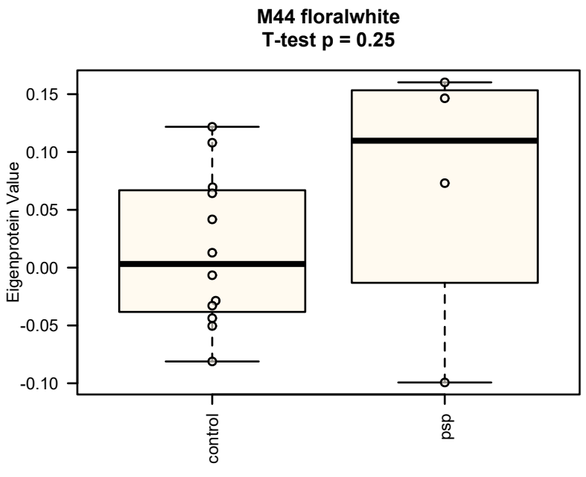

M44 floralwhite
T-test p = 0.76
Eigenprotein Value
0.10
0.05
0.00
-0.05
control
cte_1

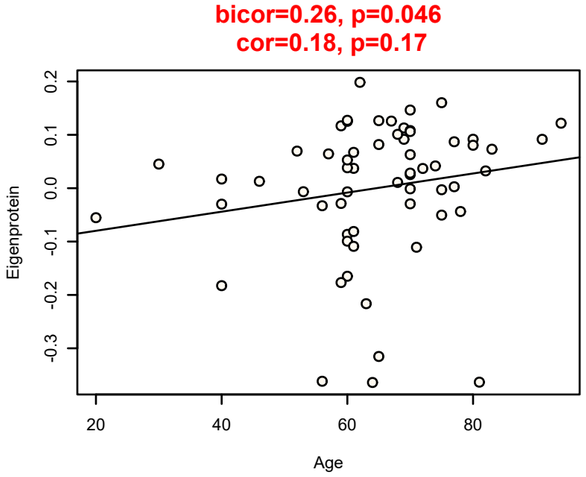

M44 floralwhite
T-test p = 0.21
Eigenprotein Value
0.10
0.05
0.00
-0.05
control
cte_2

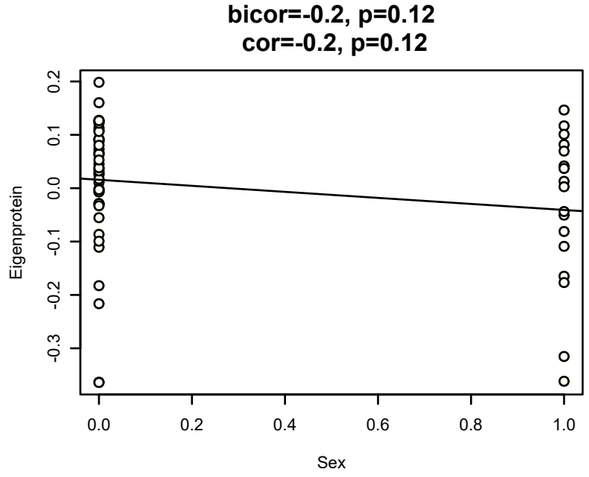

M44 floralwhite
T-test p = 0.73
Eigenprotein Value
0.10
0.05
0.00
-0.05
control
cte_3

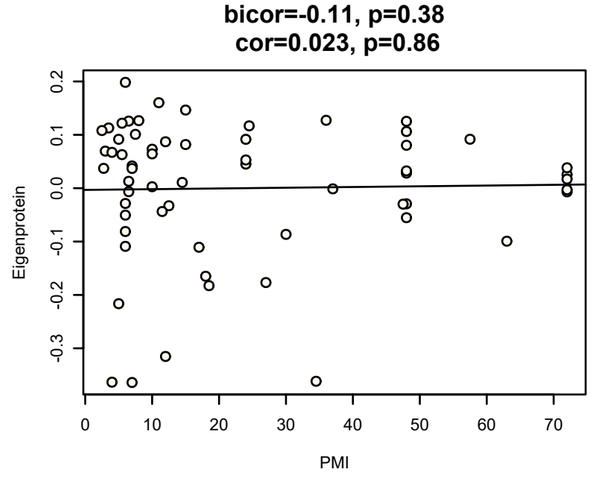

M44 floralwhite
T-test p = 0.64
Eigenprotein Value
0.10
0.05
0.00
-0.05
control
cte_4

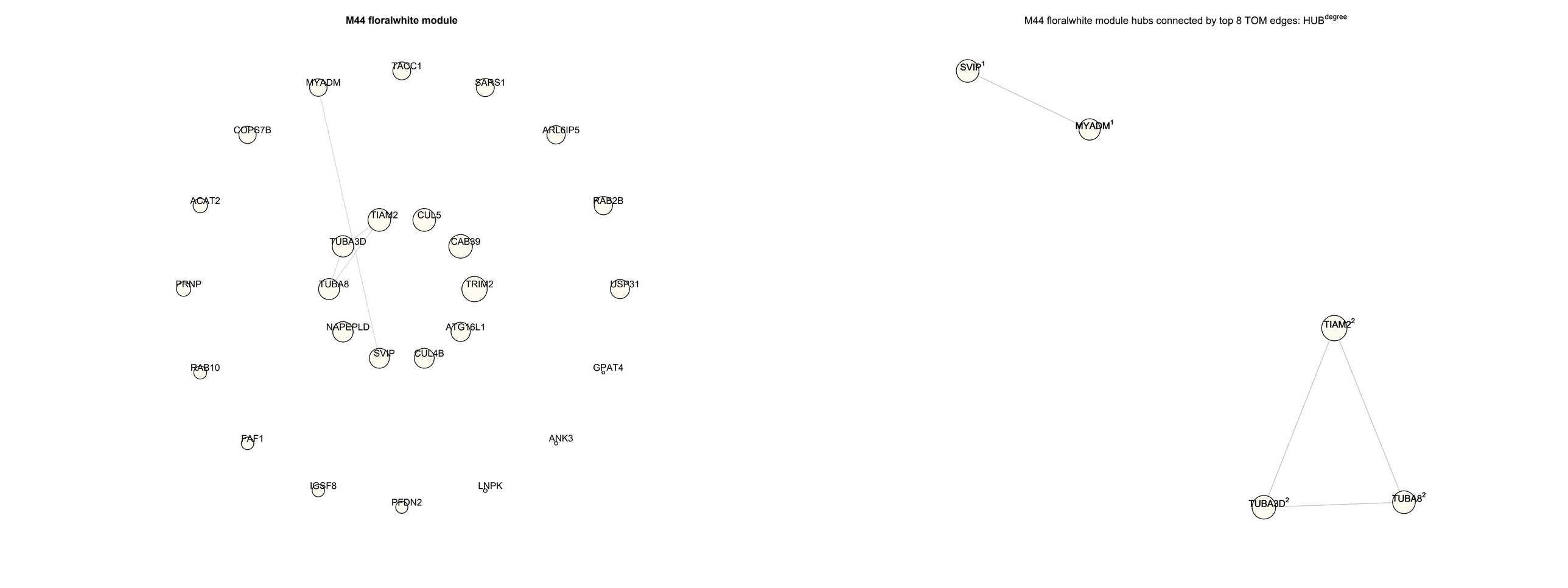

M44 floralwhite
T-test p = 9.5e-05
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

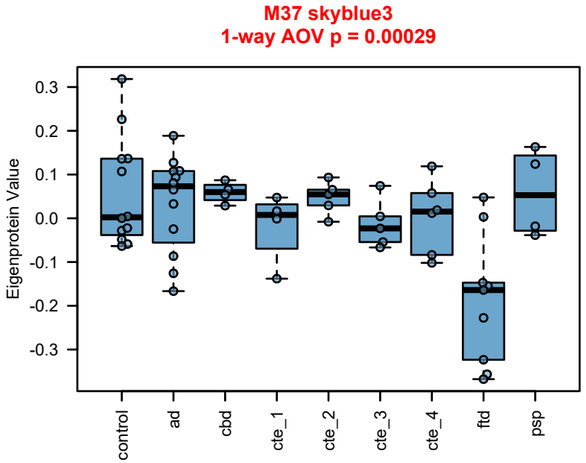

M44 floralwhite
T-test p = 0.25
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
psp

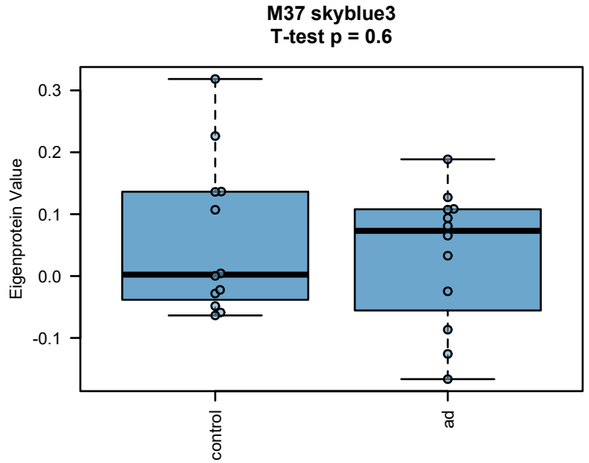

bicor=0.26, p=0.046
cor=0.18, p=0.17
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

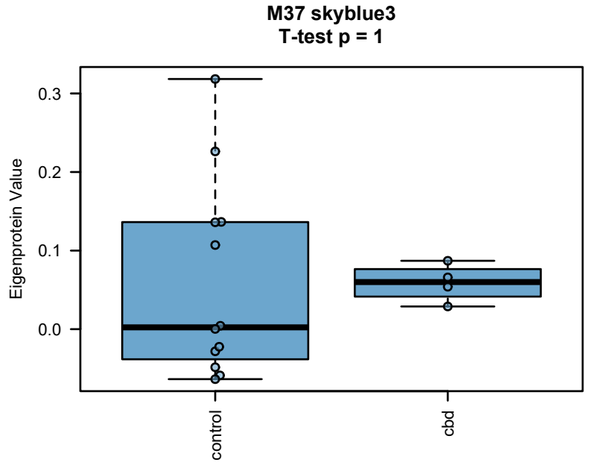

bicor=-0.2, p=0.12
cor=-0.2, p=0.12
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

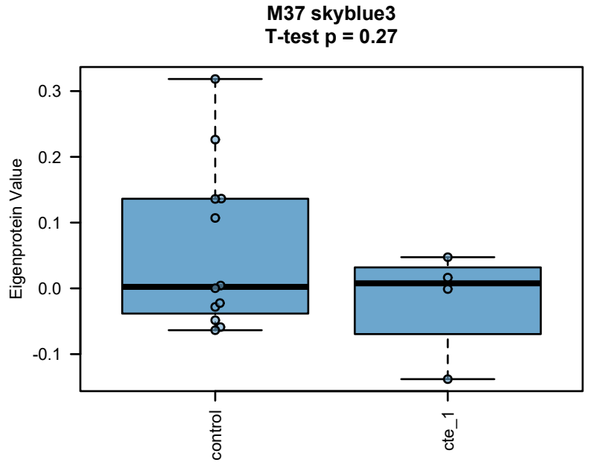

bicor=-0.11, p=0.38
cor=0.023, p=0.86
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

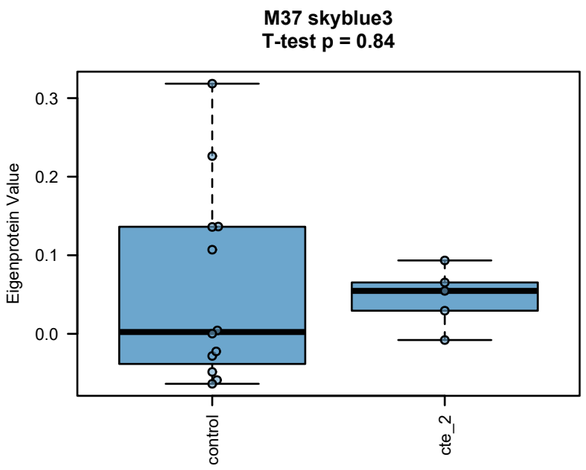

M44 floralwhite module
TACC1
MYADM
SARS1
COPS7B
ARL6IP5
ACAT2
RAB2B
TIAM2
CUL5
TUBA3D
CAB39
PRNP
TUBA8
TRIM2
USP31
NAPEPLD
ATG16L1
SVIP
CUL4B
RAB10
GPAT4
FAF1
ANK3
IGSF8
LNPK
PFDN2
M44 floralwhite module hubs connected by top 8 TOM edges: HUB degree
SVIP 1
MYADM 1
TIAM2 2
TUBA3D 2
TUBA8 2

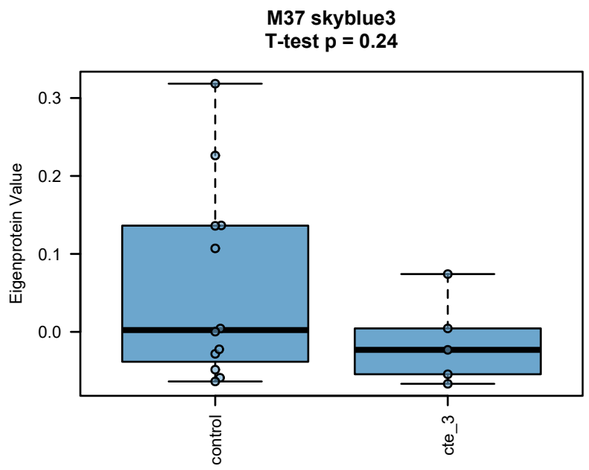

M37 skyblue3
1-way AOV p = 0.00029
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

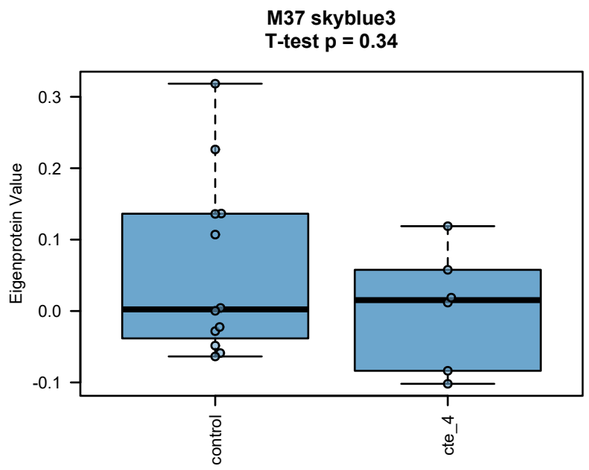

M37 skyblue3
T-test p = 0.6
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ad

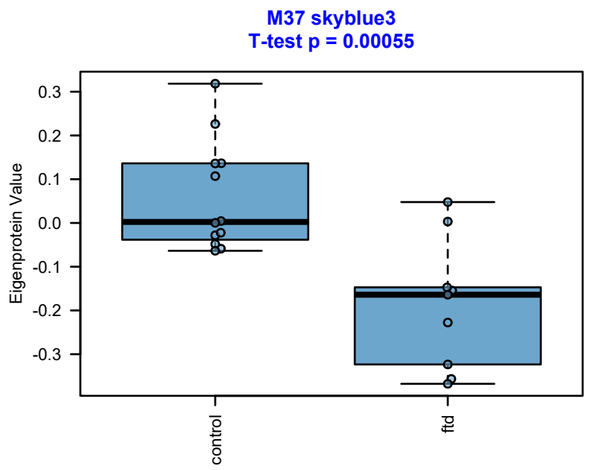

M37 skyblue3
T-test p = 1
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cbd

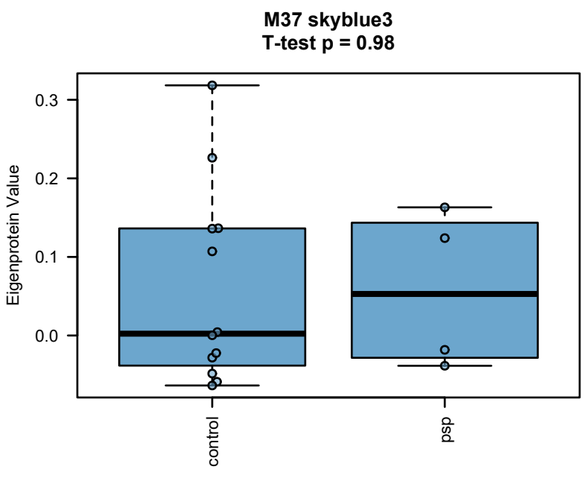

M37 skyblue3
T-test p = 0.27
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_1

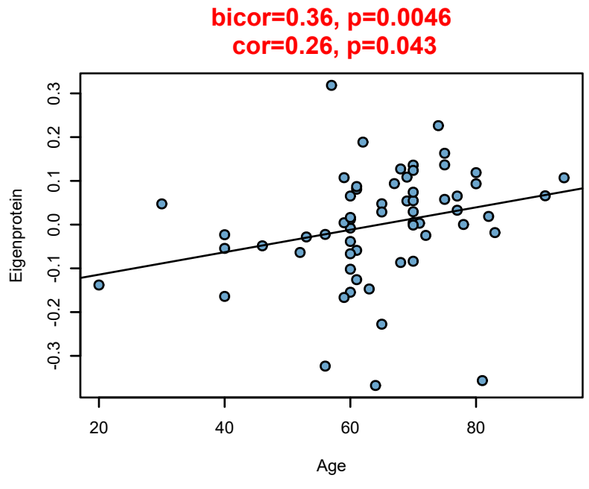

M37 skyblue3
T-test p = 0.84
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_2

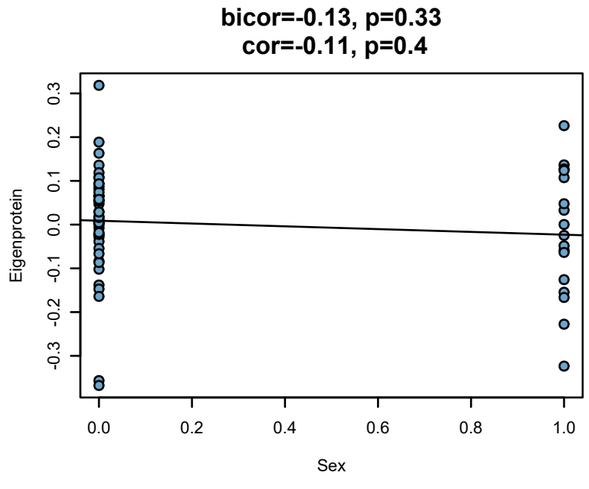

M37 skyblue3
T-test p = 0.24
Eigenprotein Value
0.3
0.2
0.1
0.0
control
cte_3

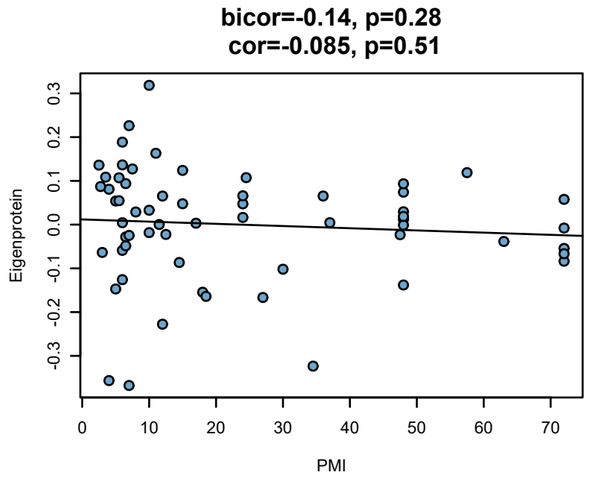

M37 skyblue3
T-test p = 0.34
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4

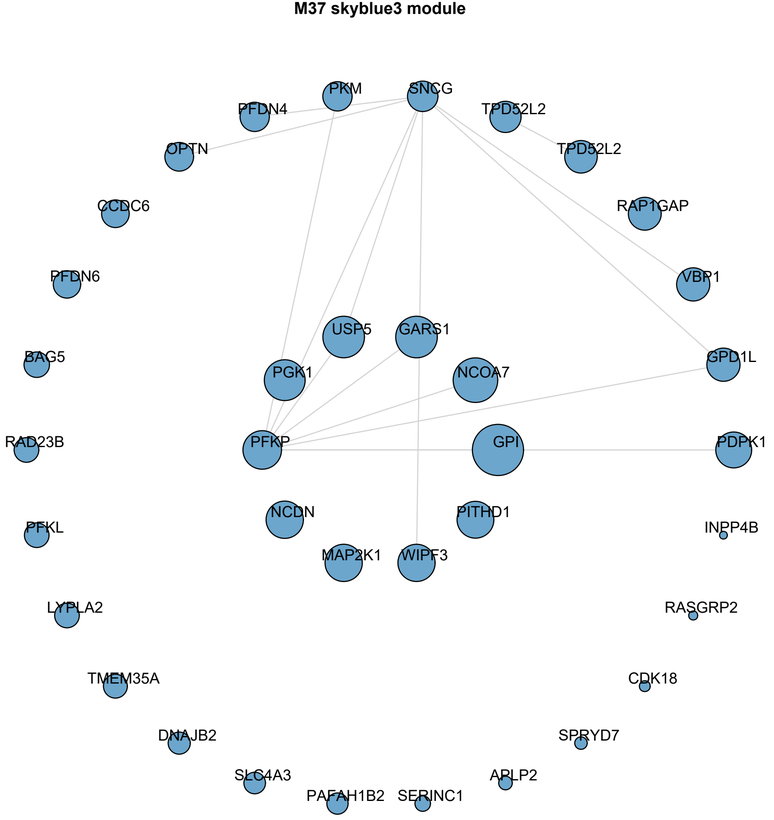

M37 skyblue3
T-test p = 0.00055
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

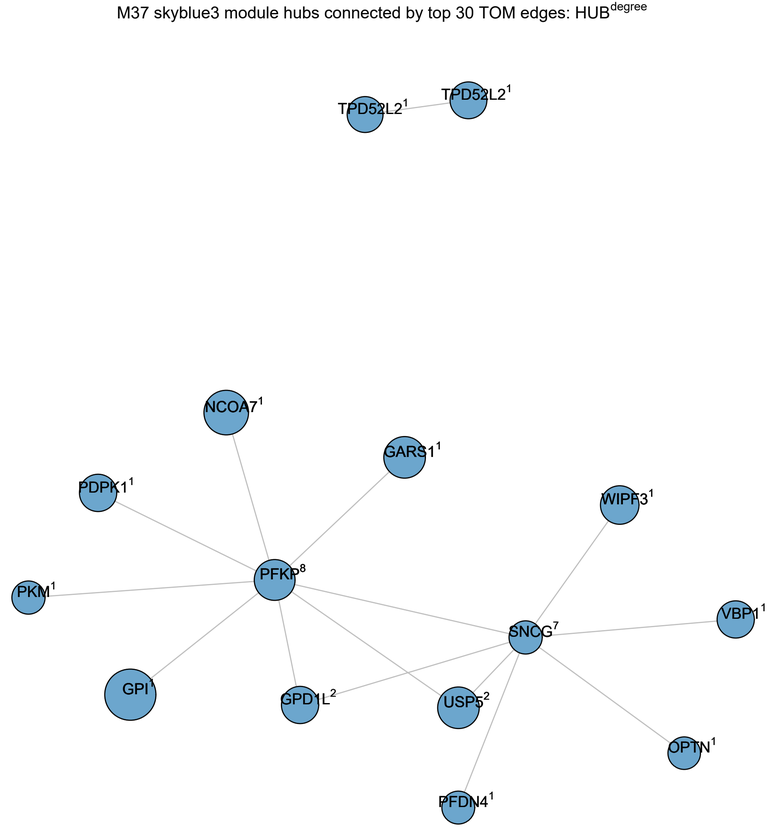

M37 skyblue3
T-test p = 0.98
Eigenprotein Value
0.3
0.2
0.1
0.0
control
psp

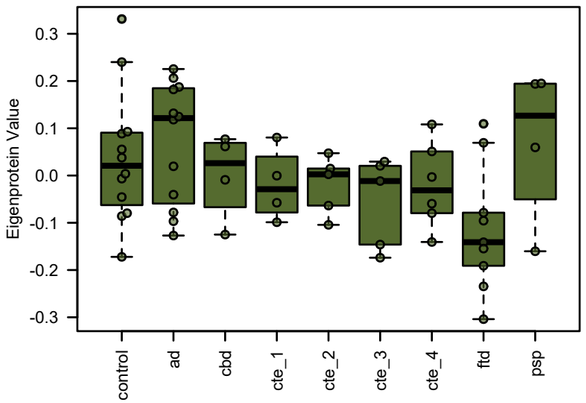

bicor=0.36, p=0.0046
cor=0.26, p=0.043
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

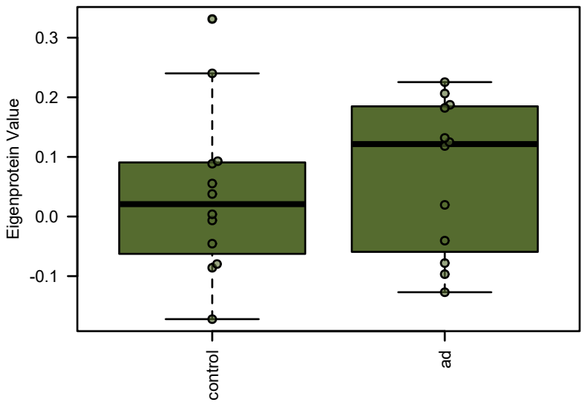

bicor=-0.13, p=0.33
cor=-0.11, p=0.4
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

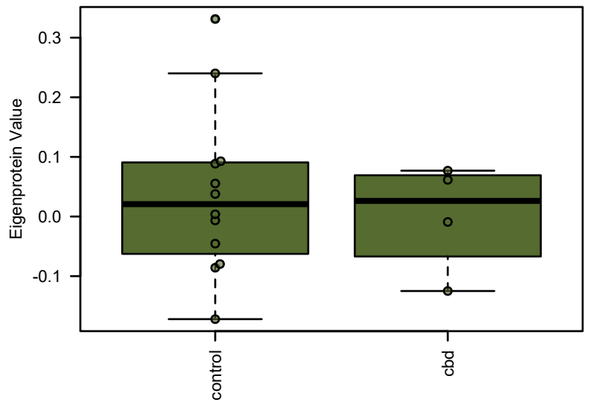

bicor=-0.14, p=0.28
cor=-0.085, p=0.51
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

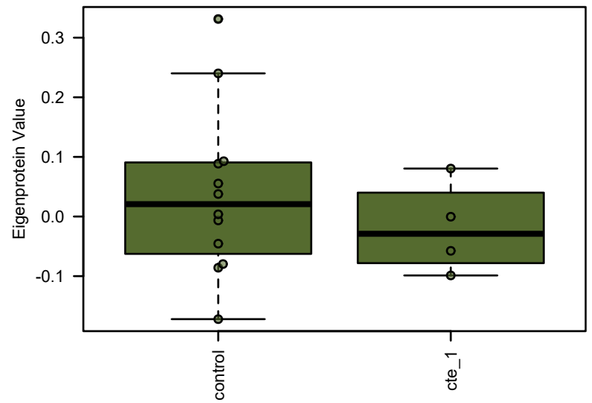

M37 skyblue3 module
PKM
SNCG
PFDN4
TPD52L2
OPTN
TPD52L2
CCDC6
RAP1GAP
PFDN6
VBP1
USP5
GARS1
BAG5
GPD1L
PGK1
NCOA7
RAD23B
PFKP
GPI
PDPK1
NCDN
PITHD1
PFKL
INPP4B
MAP2K1
WIPF3
LYPLA2
RASGRP2
TMEM35A
CDK18
DNAJB2
SPRYD7
SLC4A3
APLP2
PAFAH1B2
SERINC1

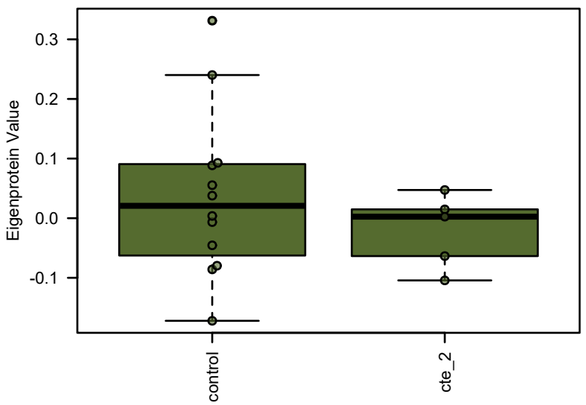

M37 skyblue3 module hubs connected by top 30 TOM edges: HUB degree
TPD52L2 1
TPD52L2 1
NCOA7 1
GARS1 1
PDPK1 1
WIPF3 1
PFKP 8
PKM 1
VBP1 1
SNCG 7
GPI 1
GPD1L 2
USP5 2
OPTN 1
PFDN4 1

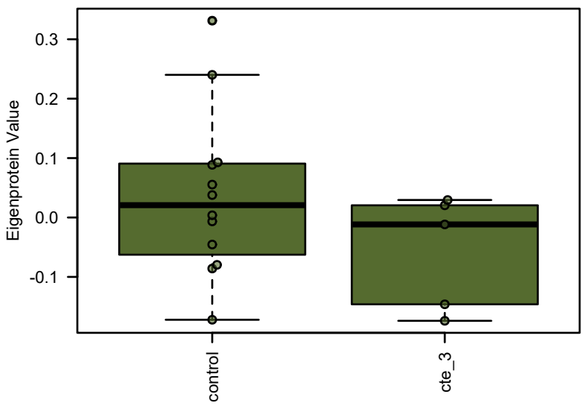

M33 darkolivegreen
1-way AOV p = 0.062
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

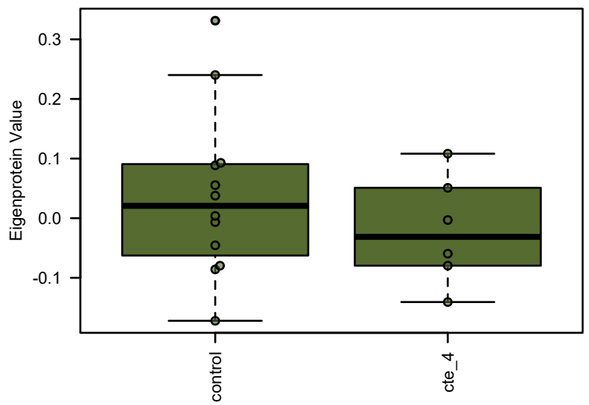

M33 darkolivegreen
T-test p = 0.56
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ad

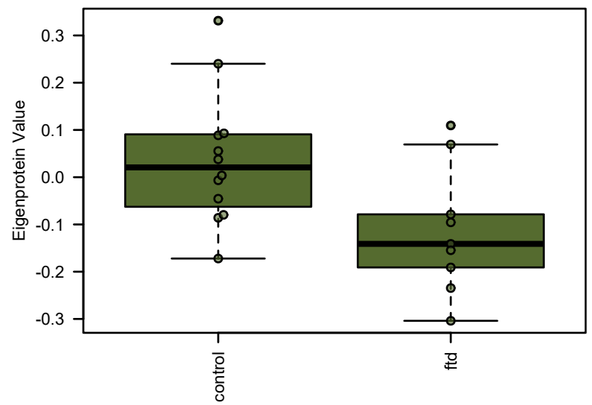

M33 darkolivegreen
T-test p = 0.63
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cbd

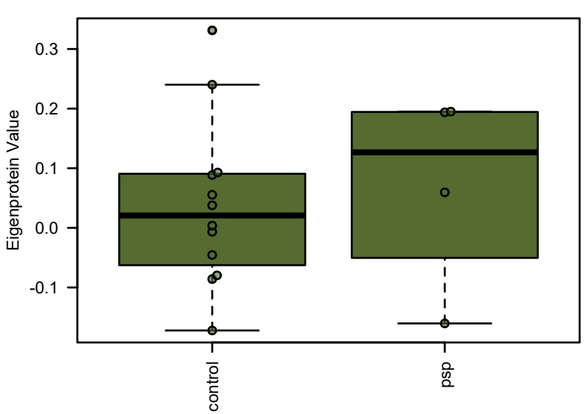

M33 darkolivegreen
T-test p = 0.46
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_1

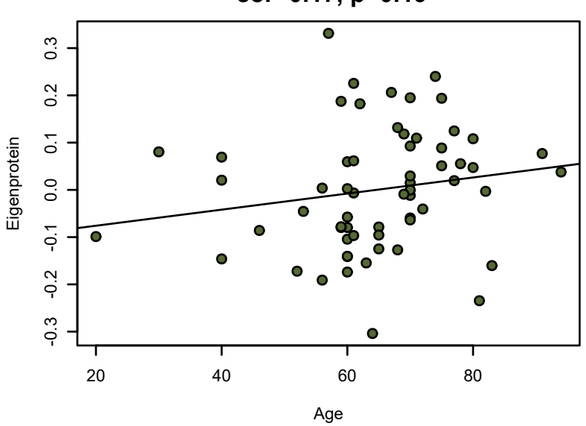

M33 darkolivegreen
T-test p = 0.39
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_2

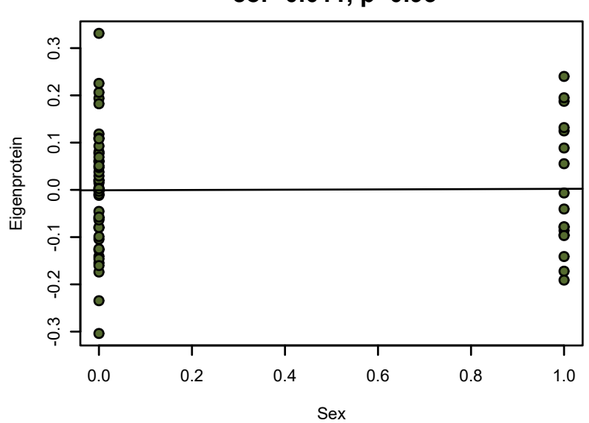

M33 darkolivegreen
T-test p = 0.19
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_3

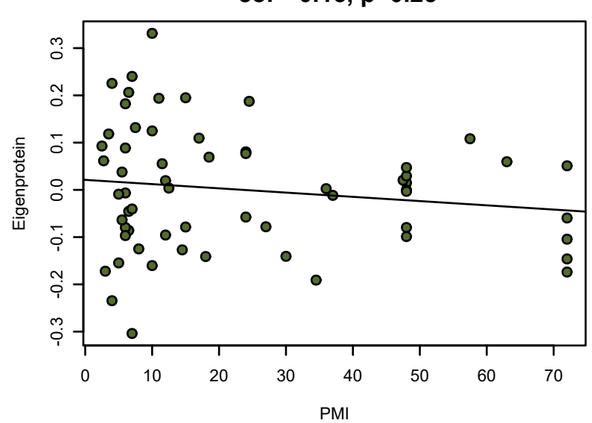

M33 darkolivegreen
T-test p = 0.37
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4

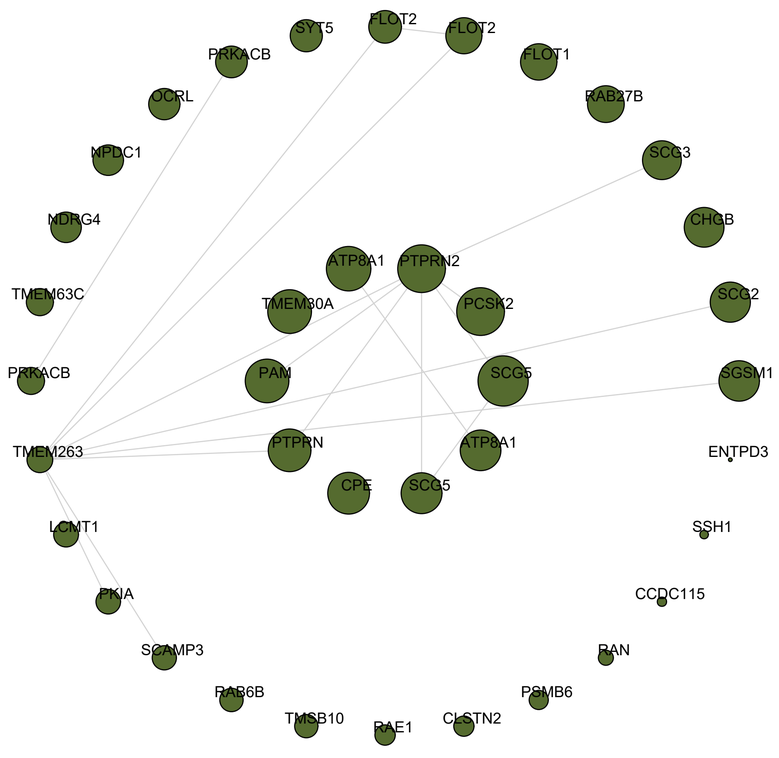

M33 darkolivegreen
T-test p = 0.022
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

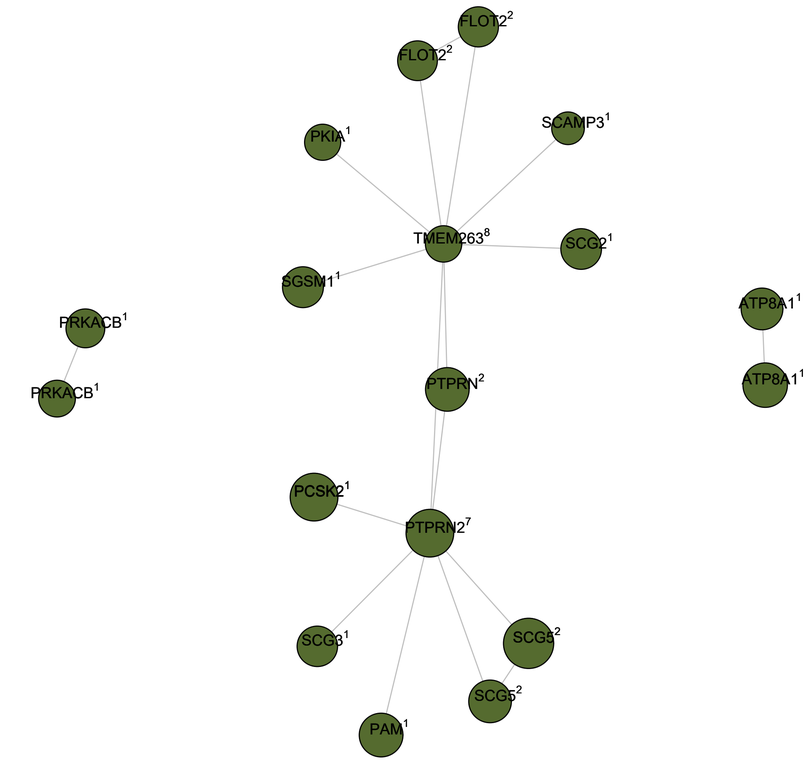

M33 darkolivegreen
T-test p = 0.7
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
psp

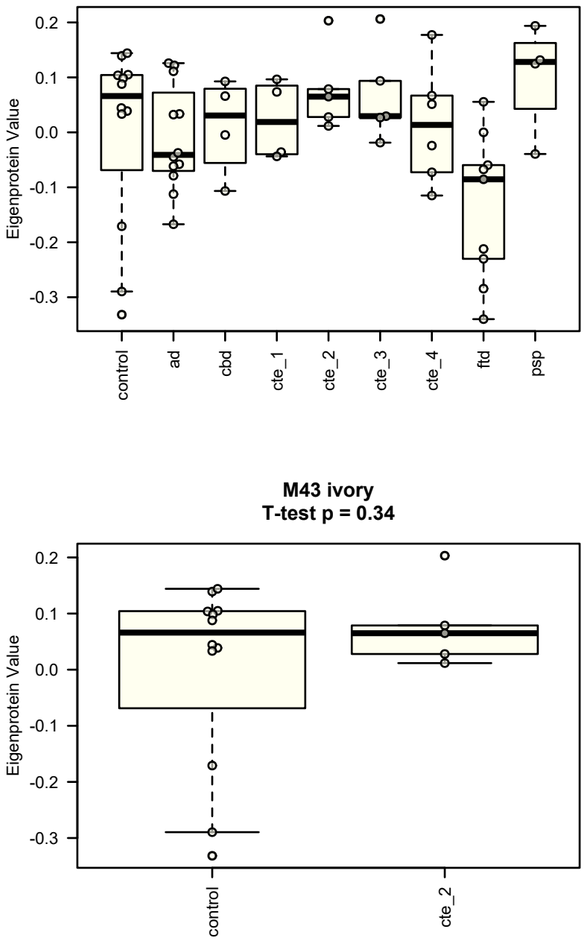

bicor=0.25, p=0.055
cor=0.17, p=0.19
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

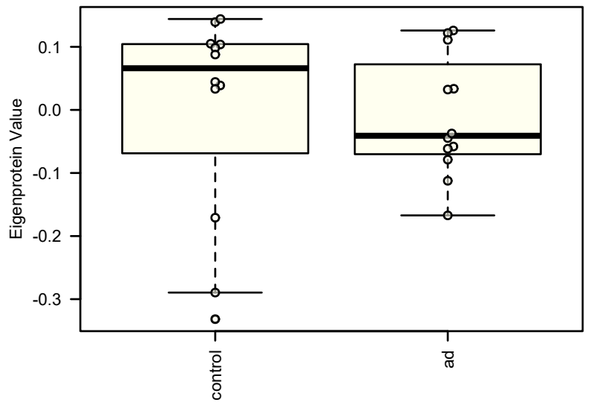

bicor=0.004, p=0.98
cor=0.011, p=0.93
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

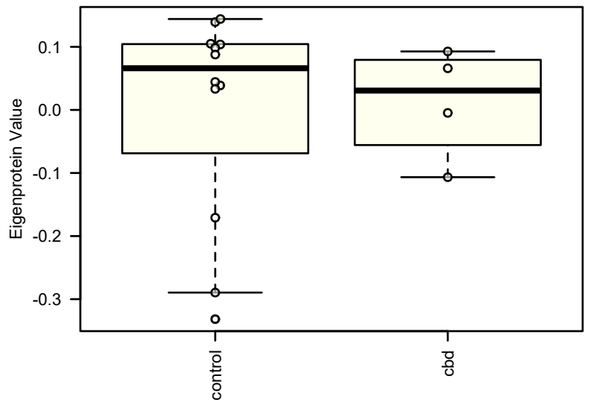

bicor=-0.063, p=0.63
cor=-0.15, p=0.25
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

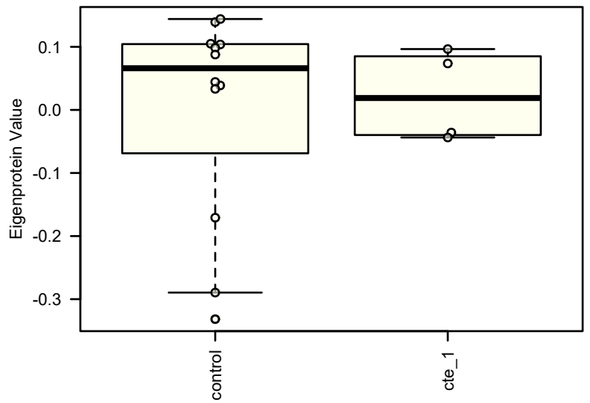

M33 darkolivegreen module
SYT5
FLOT2
FLOT2
PRKACB
FLOT1
OCRL
RAB27B
MPDC1
SCG3
MDRG4
CHGB
ATP8A1
PTPRN2
TMEM63C
TMEM30A
PCSK2
SCG2
PRKACB
PAM
SCG5
SGSM1
TMEM263
PTPRN
ATP8A1
ENTPD3
CPE
SCG5
LCMT1
SSH1
PKIA
CCDC115
SCAMP3
PAN
RAB6B
PSMB6
TMSB10
RAE1
CLSTN2


M33 darkolivegreen module hubs connected by top 36 TOM edges: HUB degree
FLOT2 2
FLOT2 2
SCAMP3 1
PKIA 1
TMEM263 8
SCG2 1
SGSM1 1
ATP8A1 1
PRKACB 1
ATP8A1 1
PRKACB 1
PTPRN 2
PCSK2 1
PTPRN2 7
SCG3 1
SCG5 2
SCG5 2
PAM 1

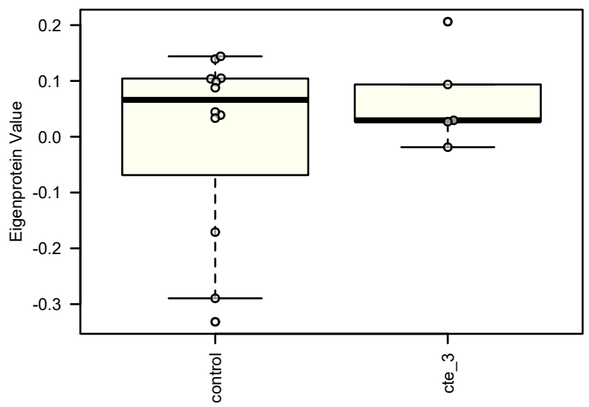

M43 ivory
1-way AOV p = 0.03
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

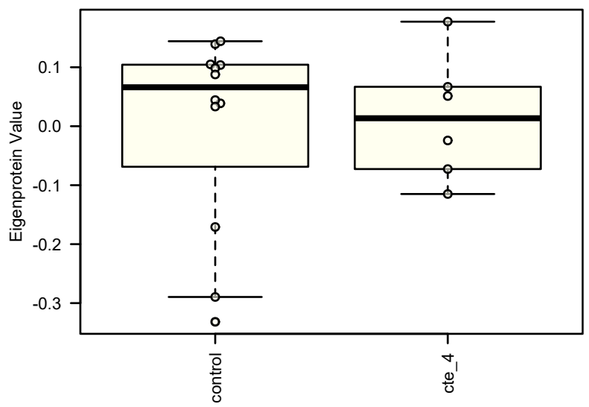

M43 ivory
T-test p = 0.84
Eigenprotein Value
control
ad

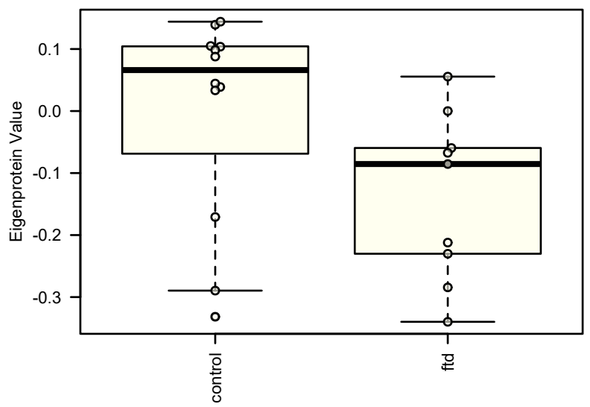

M43 ivory
T-test p = 0.9
Eigenprotein Value
control
cbd

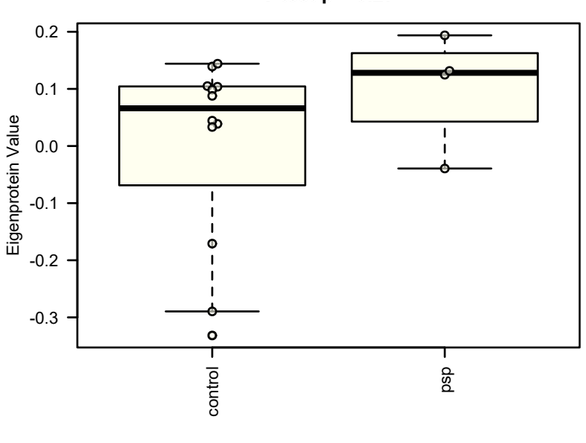

M43 ivory
T-test p = 0.8
Eigenprotein Value
control
cte_1

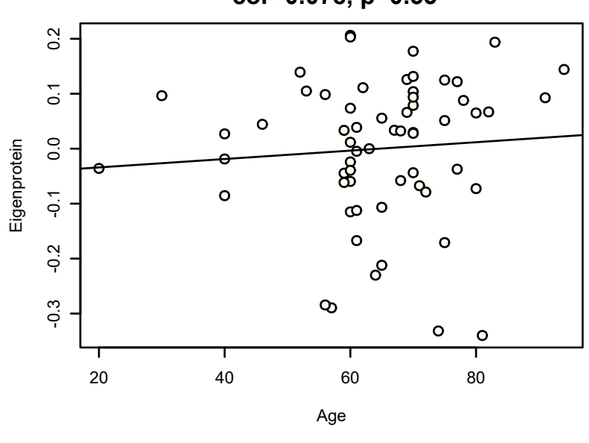
M43 ivory
T-test p = 0.34
Eigenprotein Value
control
cte_2

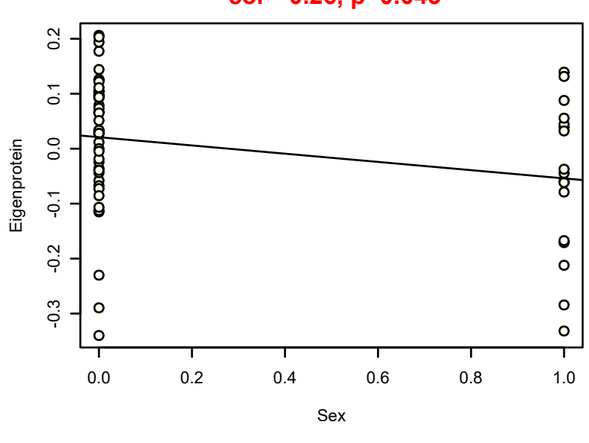

M43 ivory
T-test p = 0.41
Eigenprotein Value
control
cte_3

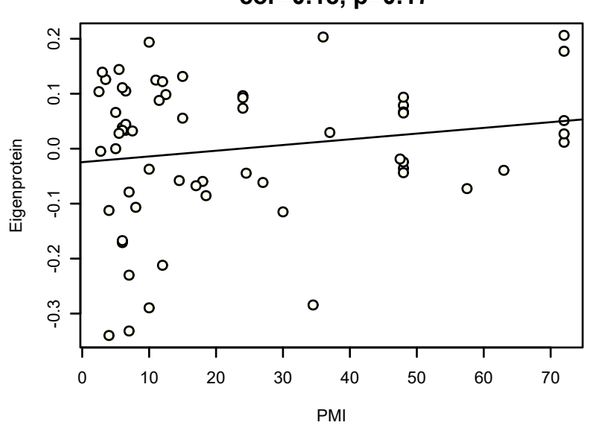

M43 ivory
T-test p = 0.86
Eigenprotein Value
control
cte_4

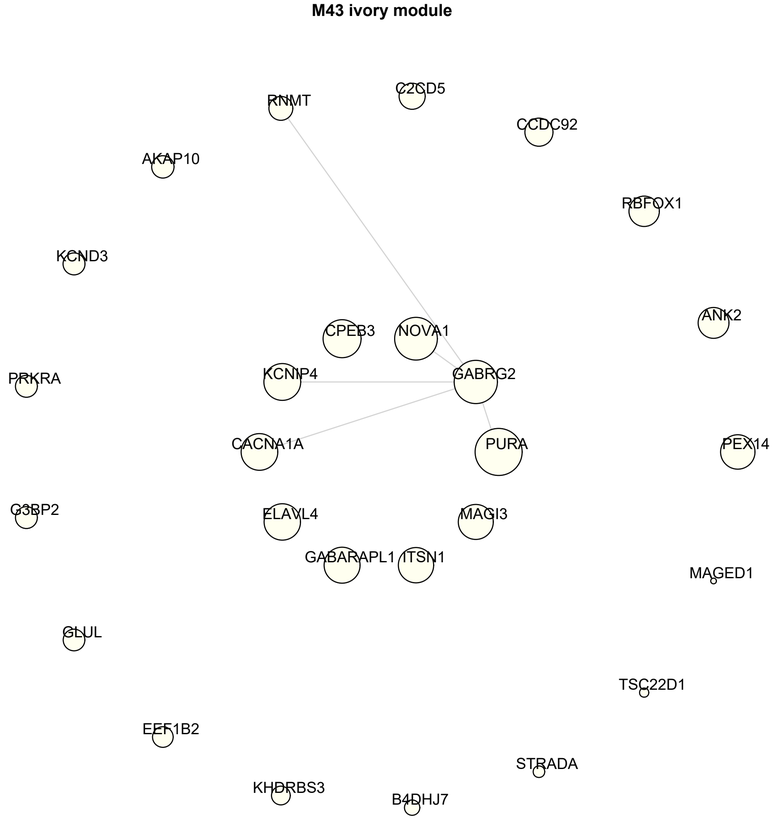

M43 ivory
T-test p = 0.06
Eigenprotein Value
control
ftd

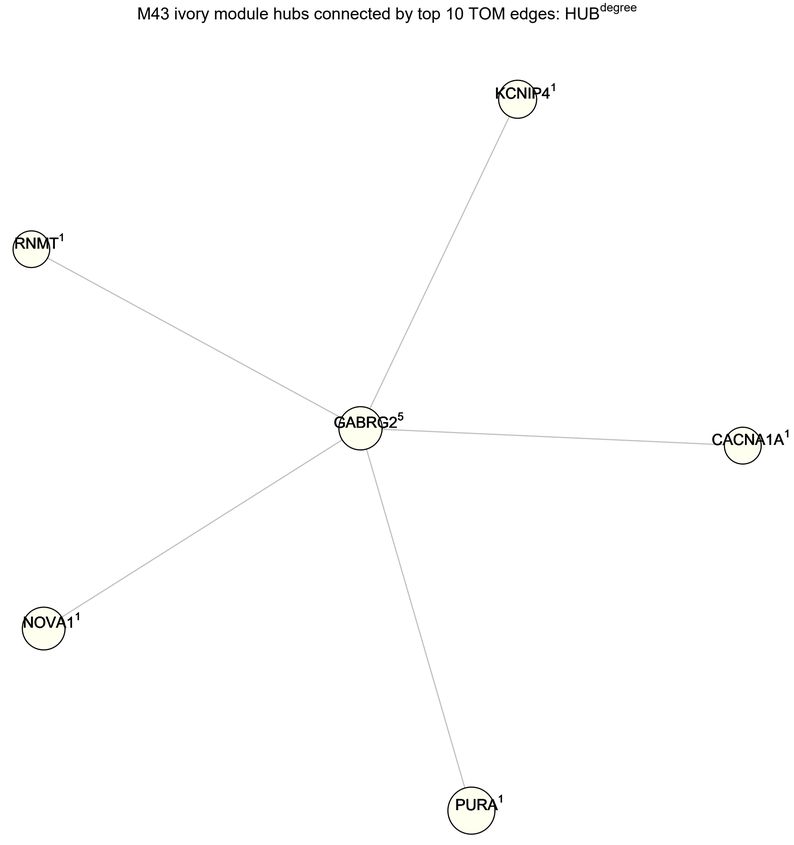

M43 ivory
T-test p = 0.27
Eigenprotein Value
control
psp

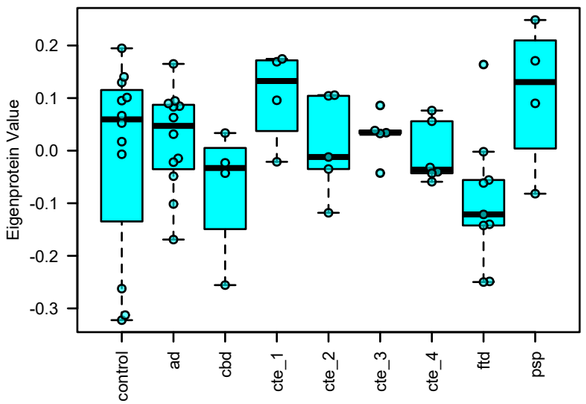

bicor=0.11, p=0.4
cor=0.078, p=0.55
Eigenprotein
Age

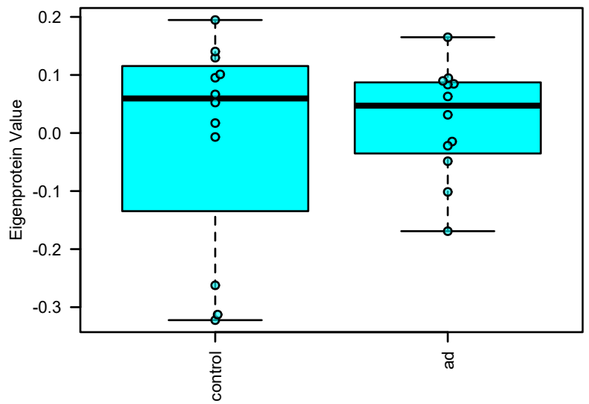

bicor=-0.26, p=0.042
cor=-0.26, p=0.043
Eigenprotein
Sex

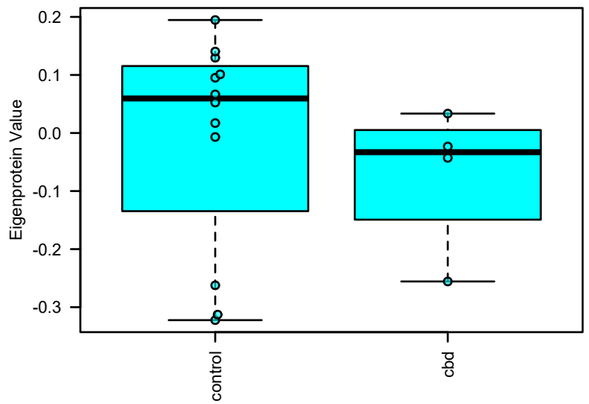

bicor=-0.04, p=0.76
cor=0.18, p=0.17
Eigenprotein
PMI

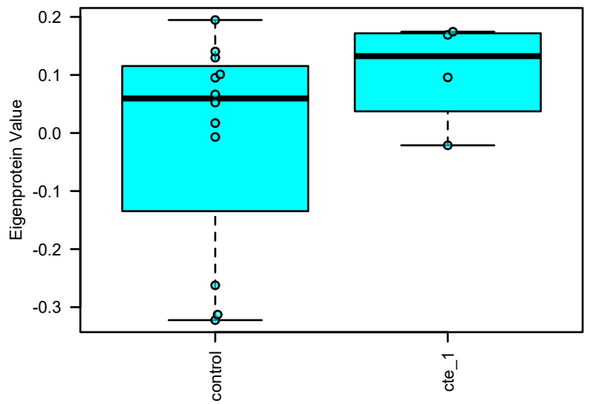

M43 ivory module
RNMT
C2CD5
CCDC92
AKAP10
RBFOX1
KCND3
ANK2
CPEB3
NOVA1
PRKRA
KCNIP4
GABRG2
CACNA1A
PURA
PEX14
G3BP2
ELAVL4
MAGI3
GABARAPL1
ITSN1
MAGED1
GLUL
TSC22D1
EEF1B2
STRADA
KHDRBS3
B4DHJ7

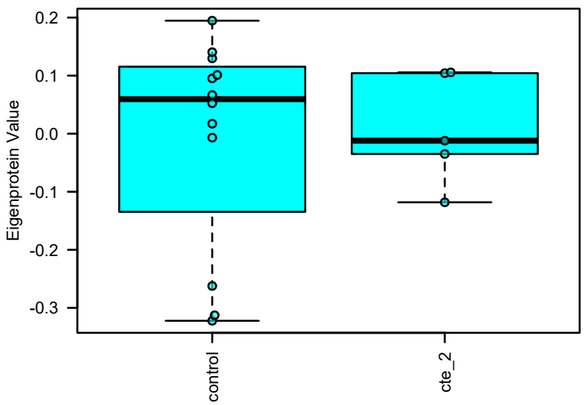

M43 ivory module hubs connected by top 10 TOM edges: HUB degree
KCNIP4 1
RNMT 1
GABRG2 5
CACNA1A 1
NOVA1 1
PURA 1

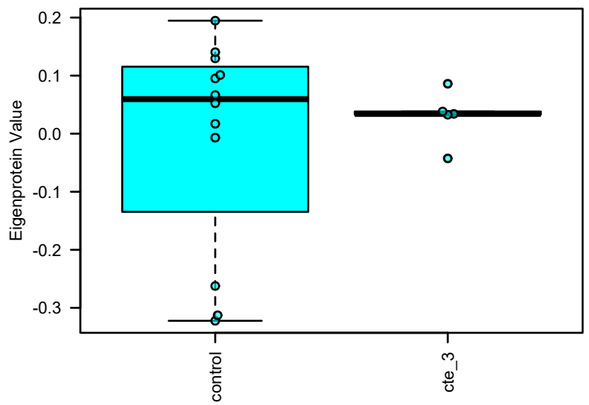

M14 cyan
1-way AOV p = 0.13
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

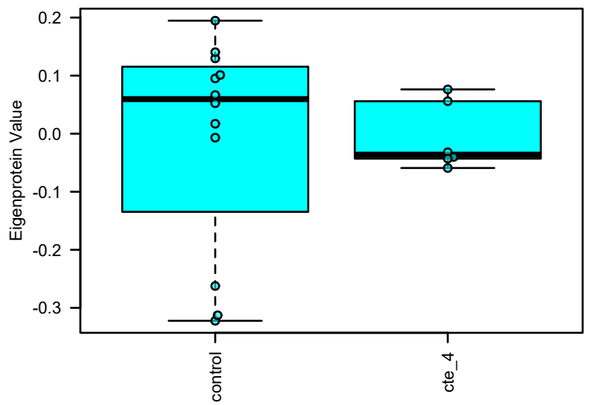

M14 cyan
T-test p = 0.62
Eigenprotein Value
control
ad

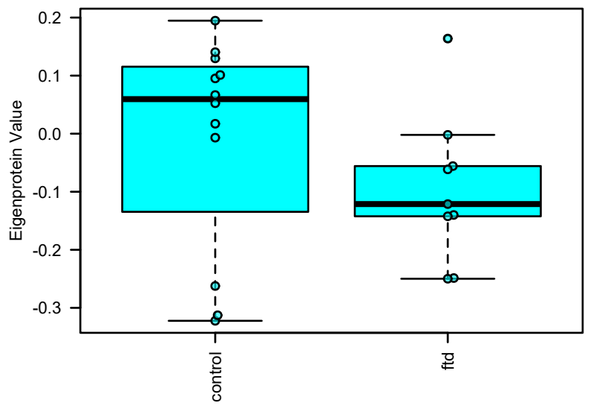

M14 cyan
T-test p = 0.54
Eigenprotein Value
control
cbd

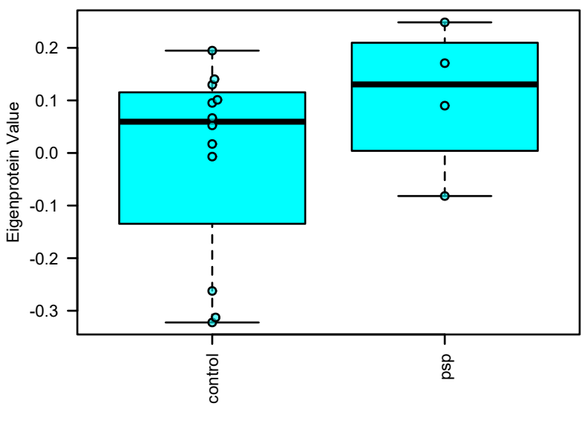

M14 cyan
T-test p = 0.26
Eigenprotein Value
control
cte_1

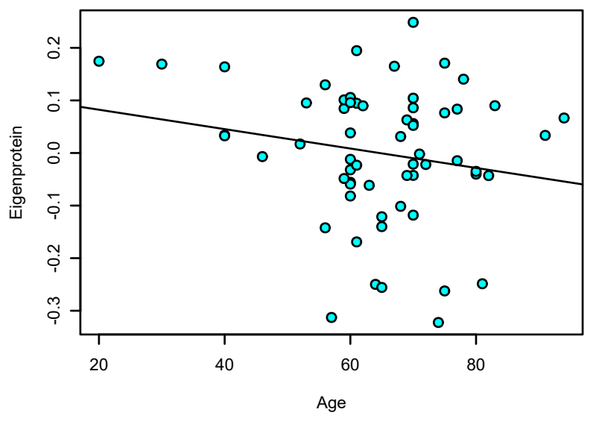

M14 cyan
T-test p = 0.84
Eigenprotein Value
control
cte_2

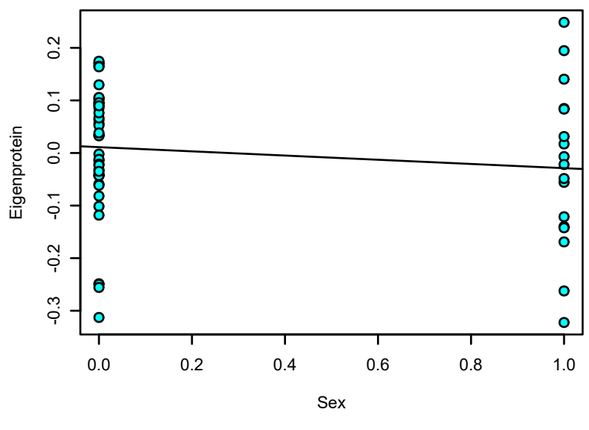

M14 cyan
T-test p = 0.65
Eigenprotein Value
control
cte_3

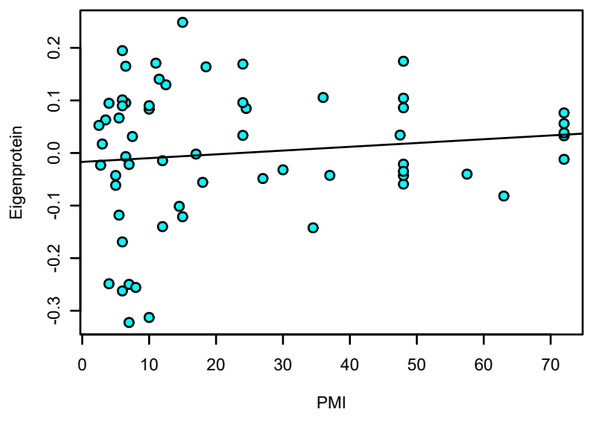

M14 cyan
T-test p = 0.98
Eigenprotein Value
control
cte_4

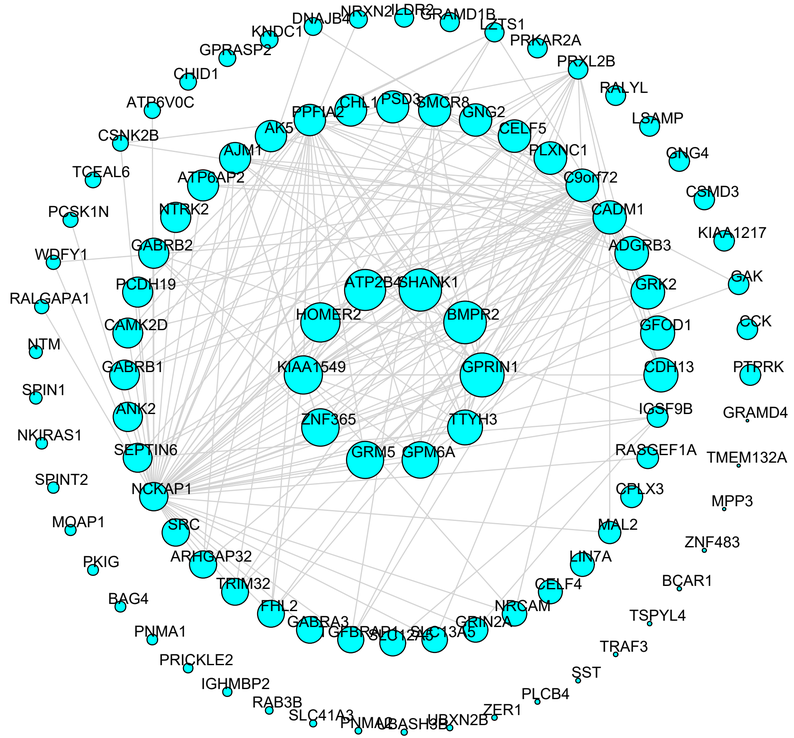

M14 cyan
T-test p = 0.24
Eigenprotein Value
control
ftd

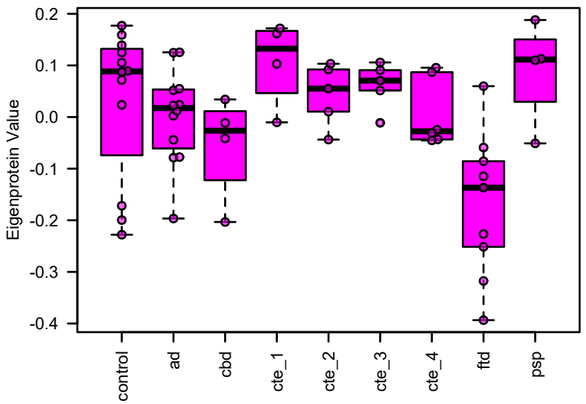

M14 cyan
T-test p = 0.27
Eigenprotein Value
control
psp

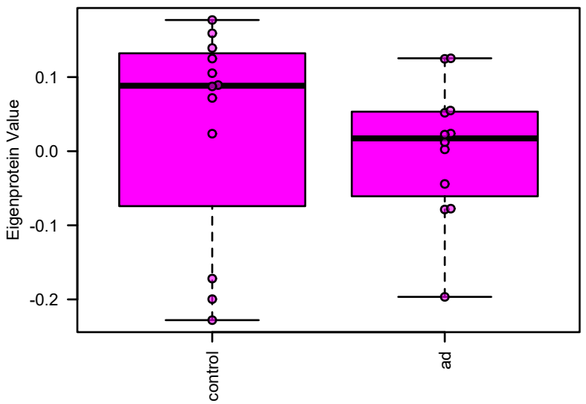

bicor=-0.076, p=0.56
cor=-0.19, p=0.14
Eigenprotein
Age

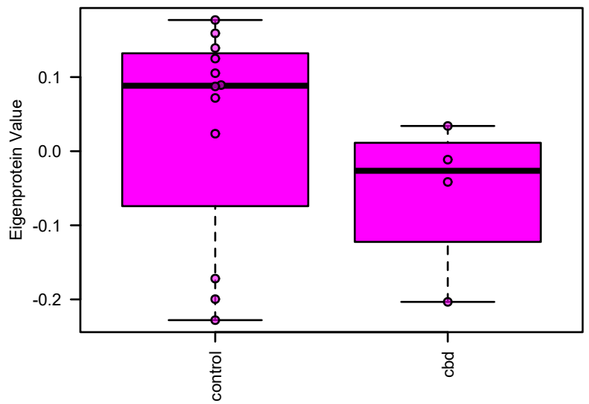

bicor=-0.15, p=0.25
cor=-0.14, p=0.28
Eigenprotein
Sex

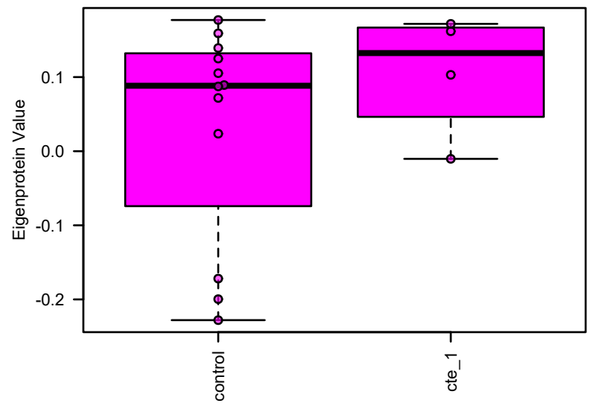

bicor=0.066, p=0.61
cor=0.12, p=0.36
Eigenprotein
PMI

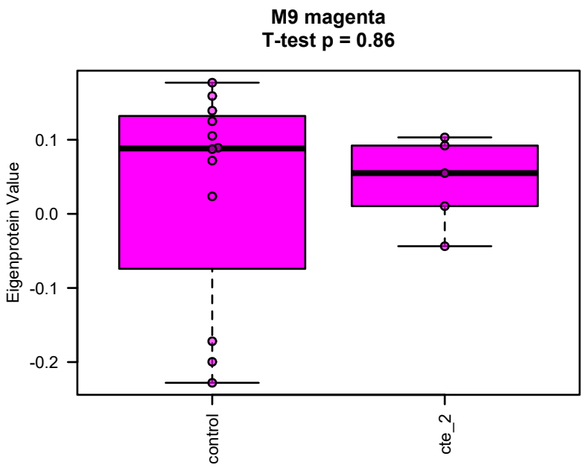

M14 cyan module
DNAJB4
NRXN2
LDB2
GRAMD1B
LZTS1
KNDC1
PRKAR2A
GPRASP2
PRXL2B
CHID1
RALYL
ATP6V0C
PPFIA2
CHL1
PSD3
SMCR8
GNG2
LSAMP
AK5
CELF5
CSNK2B
AJM1
PLXNC1
GNG4
TCEAL6
ATP6AP2
C9orf72
CSMD3
PCSK1N
NTRK2
CADM1
KIAA1217
WDFY1
GABRB2
ADGRB3
PCDH19
ATP2B4
SHANK1
GRK2
GAK
RALGAPA1
HOMER2
BMPR2
CAMK2D
GFOD1
CCK
NTM
KIAA1549
GPRIN1
CDH13
PTPRK
GABRB1
SPIN1
IGSF9B
GRAMD4
ANK2
ZNF365
TTYH3
NKIRAS1
RASGEF1A
SEPTIN6
GRM5
GPM6A
TMEM132A
SPINT2
CPLX3
NCKAP1
MPP3
MOAP1
MAL2
SRC
ZNF483
ARHGAP32
LIN7A
PKIG
CELF4
BCAR1
TRIM32
BAG4
FHL2
NRCAM
TSPYL4
PNMA1
GABRA3
GRIN2A
TGFBRAP1
SLC12A5
SLC13A5
TRAF3
PRICKLE2
SST
IGHMBP2
PLCB4
RAB3B
ZER1
SLC41A3
PNMA2
ASH3BL
NBXN2B
M14 cyan module hubs connected by top 392 TOM edges: HUB^{degree}
GABRA3^{1}
GAK^{2}
CAMK2D^{4}
PCDH19
GABRB1^{5}
ATP6AP2^{3}
PLXNC1^{5}
GNG2^{5}
PRXL2B^{12}
AK5^{2}
TRIM32^{4}
FHL2^{5}
ATP6V0C^{1}
GRK2^{6}
GPM6A^{8}
CDH13^{5}
GRM5^{4}
SLC13A5^{2}
ADGRB3^{6}
PPFIA2^{24}
ARHGAP32^{4}
C9orf72^{24}
SMCR8^{8}
NTRK2^{1}
HOMER2^{7}
CADM1^{42}
TGFBRAP1^{4}
NCKAP1^{53}
GFOD1^{2}
TTYH3^{12}
AJM1^{12}
KIAA1549^{21}
SEPTIN6^{5}
CELF5^{5}
SRC^{1}
GPRIN1^{12}
LZTS1^{5}
WDFY1^{2}
BMPR2^{10}
SHANK1^{10}
PSD3^{4}
ZNF365^{8}
PCSK1N^{1}
NRCAM^{3}
ATP2B4^{5}
CSNK2B^{3}
GABRB2^{5}
IGSF9B^{5}
NRXN2^{1}
DNAJB4^{2}
MAL2^{2}
SLC12A5^{1}
GRIN2A^{2}
RALGAPA1^{1}
RASGEF1A^{1}

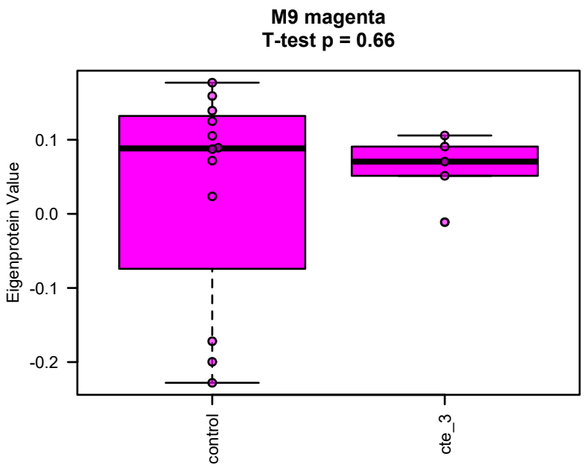

M9 magenta
1-way AOV p = 7e-04
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

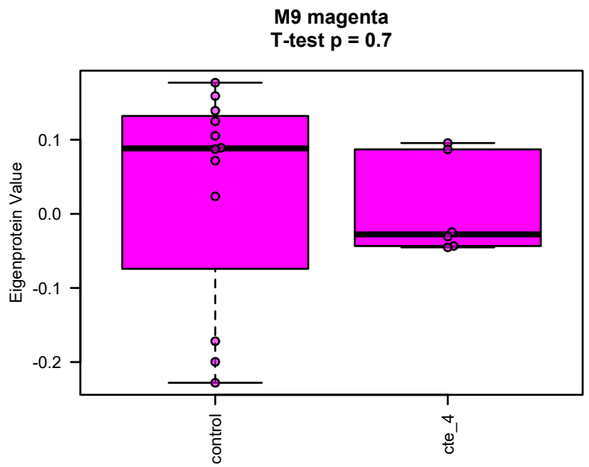

M9 magenta
T-test p = 0.55
Eigenprotein Value
control
ad

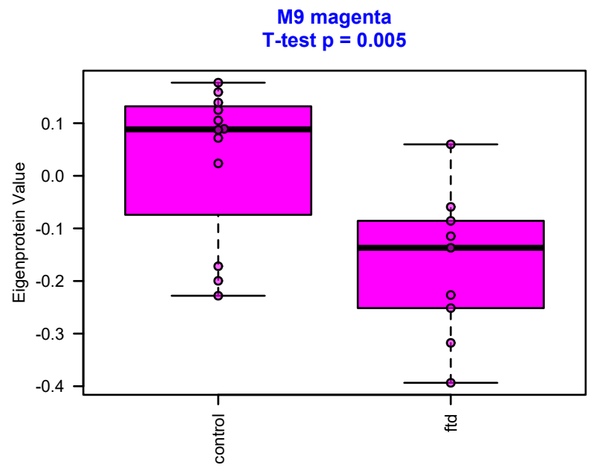

M9 magenta
T-test p = 0.29
Eigenprotein Value
control
cbd

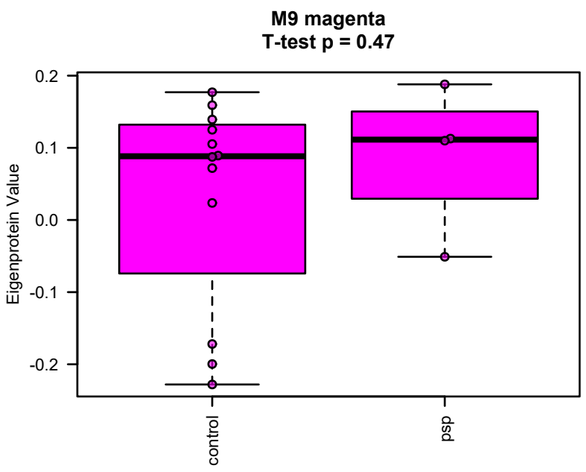

M9 magenta
T-test p = 0.35
Eigenprotein Value
control
cte_1

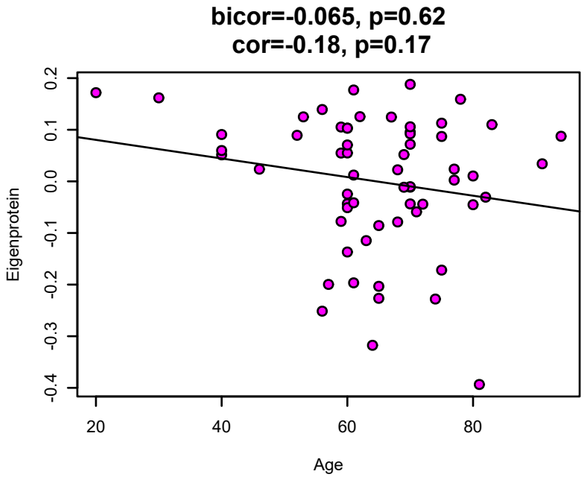

M9 magenta
T-test p = 0.86
Eigenprotein Value
control
cte_2

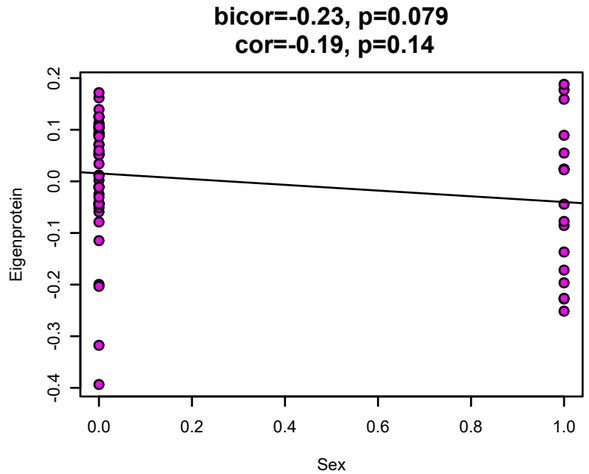

M9 magenta
T-test p = 0.66
Eigenprotein Value
control
cte_3

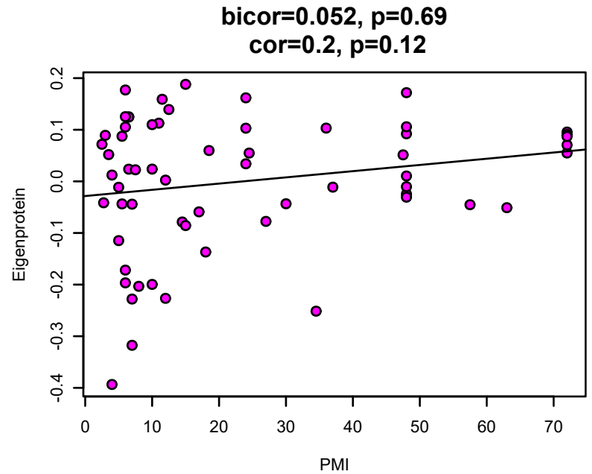

M9 magenta
T-test p = 0.7
Eigenprotein Value
control
cte_4


M9 magenta
T-test p = 0.005
Eigenprotein Value
control
ftd

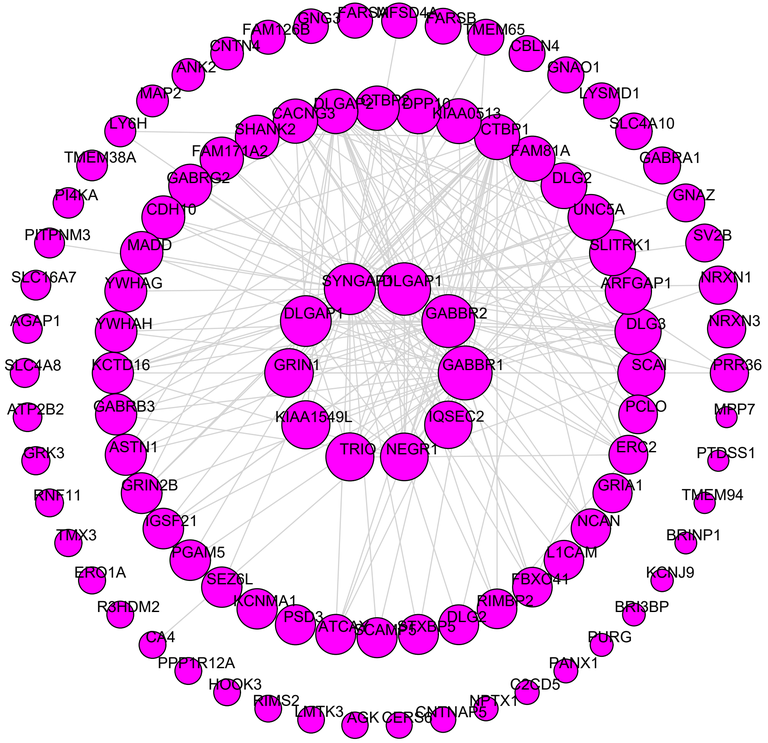

M9 magenta
T-test p = 0.47
Eigenprotein Value
control
psp


bicor=-0.065, p=0.62
cor=-0.18, p=0.17
Eigenprotein
Age

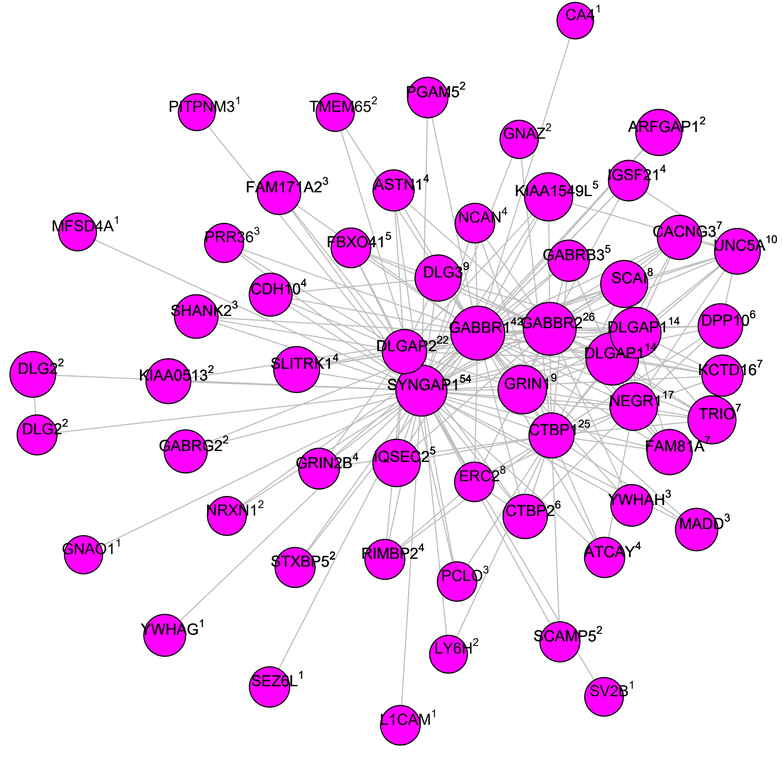

bicor=-0.23, p=0.079
cor=-0.19, p=0.14
Eigenprotein
Sex

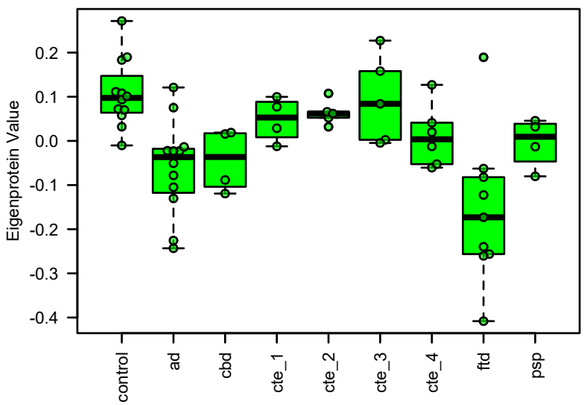

bicor=0.052, p=0.69
cor=0.2, p=0.12
Eigenprotein
PMI

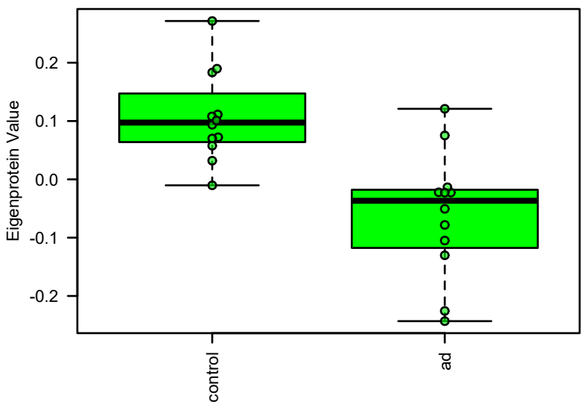
M9 magenta module

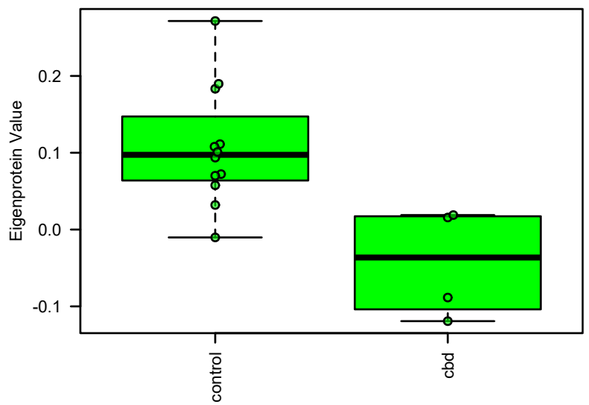


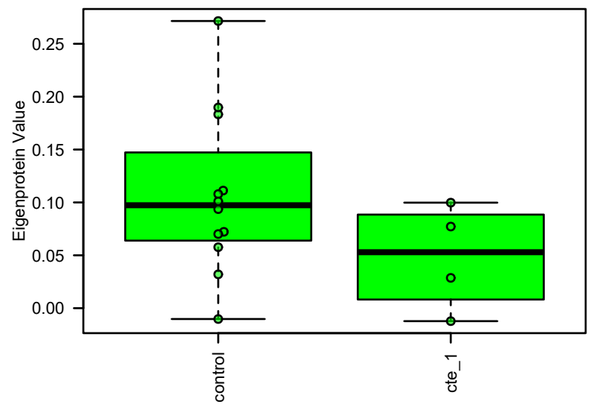
M9 magenta module hubs connected by top 400 TOM edges: HUB^{degree}

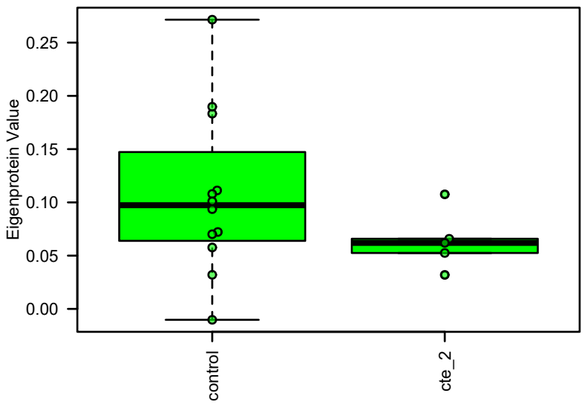


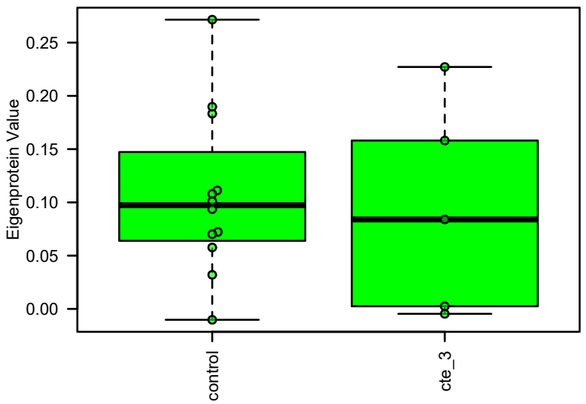

M5 green
1-way AOV p = 1.6e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

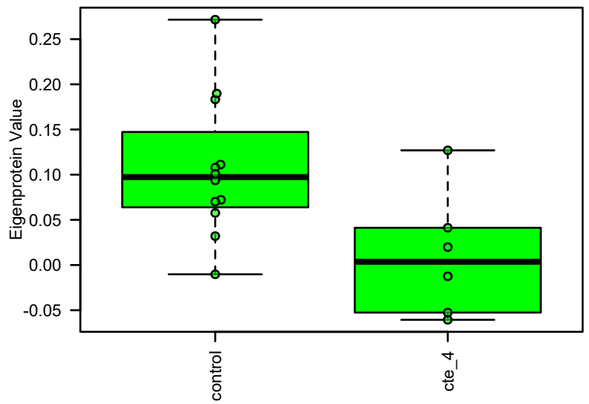

M5 green
T-test p = 0.00023
Eigenprotein Value
control
ad

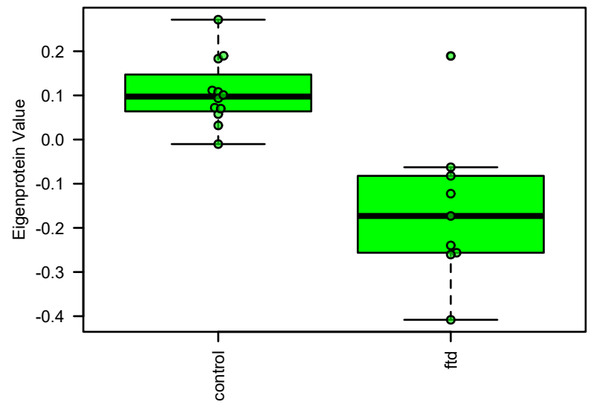

M5 green
T-test p = 0.0039
Eigenprotein Value
control
cbd

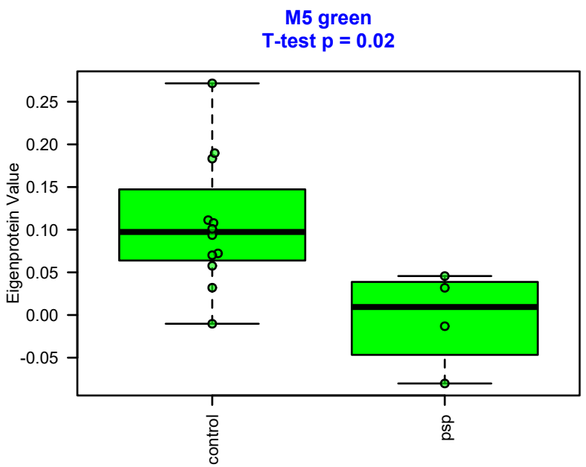

M5 green
T-test p = 0.18
Eigenprotein Value
control
cte_1

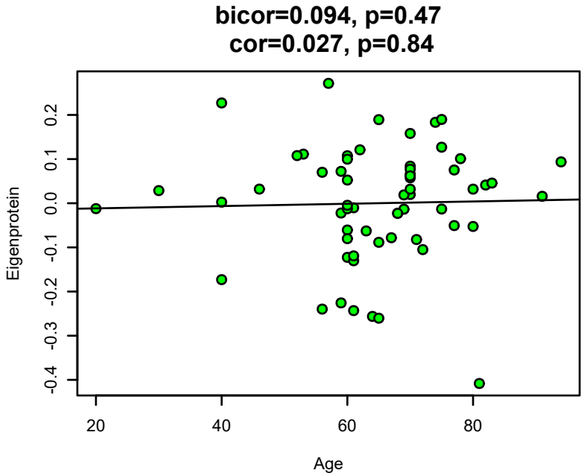

M5 green
T-test p = 0.25
Eigenprotein Value
control
cte_2

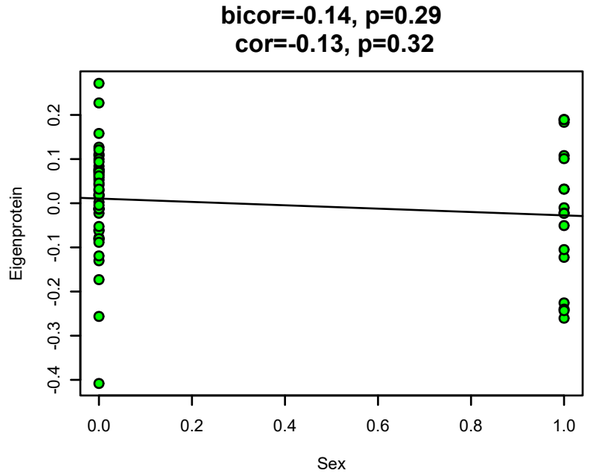

M5 green
T-test p = 0.77
Eigenprotein Value
control
cte_3

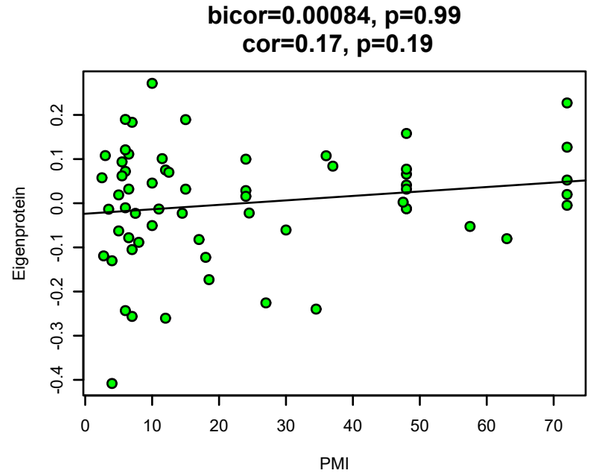

M5 green
T-test p = 0.02
Eigenprotein Value
control
cte_4


M5 green
T-test p = 0.00011
Eigenprotein Value
control
ftd

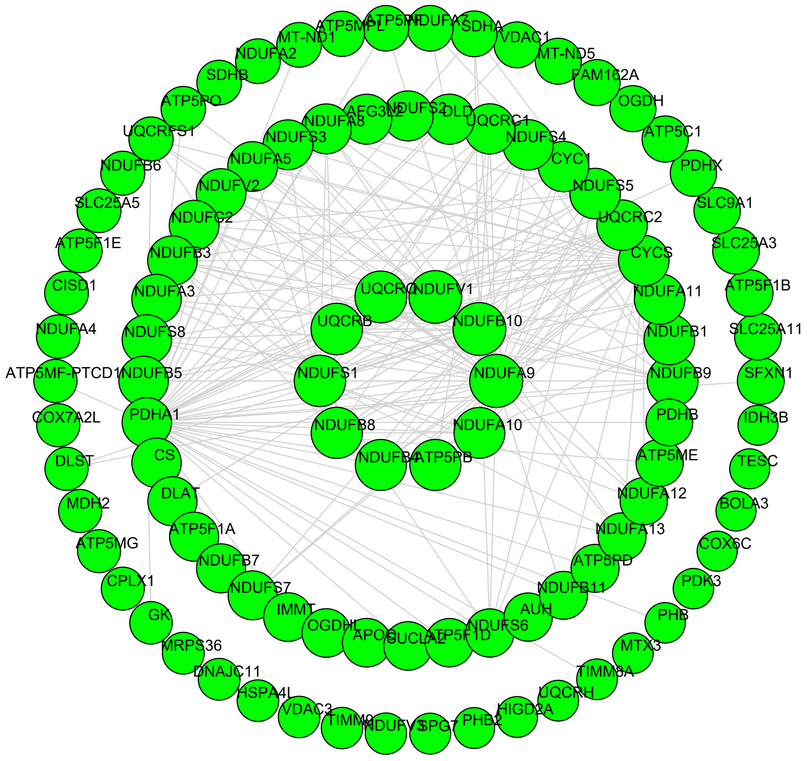

M5 green
T-test p = 0.02
Eigenprotein Value
control
psp


bicor=0.094, p=0.47
cor=0.027, p=0.84
Eigenprotein
Age

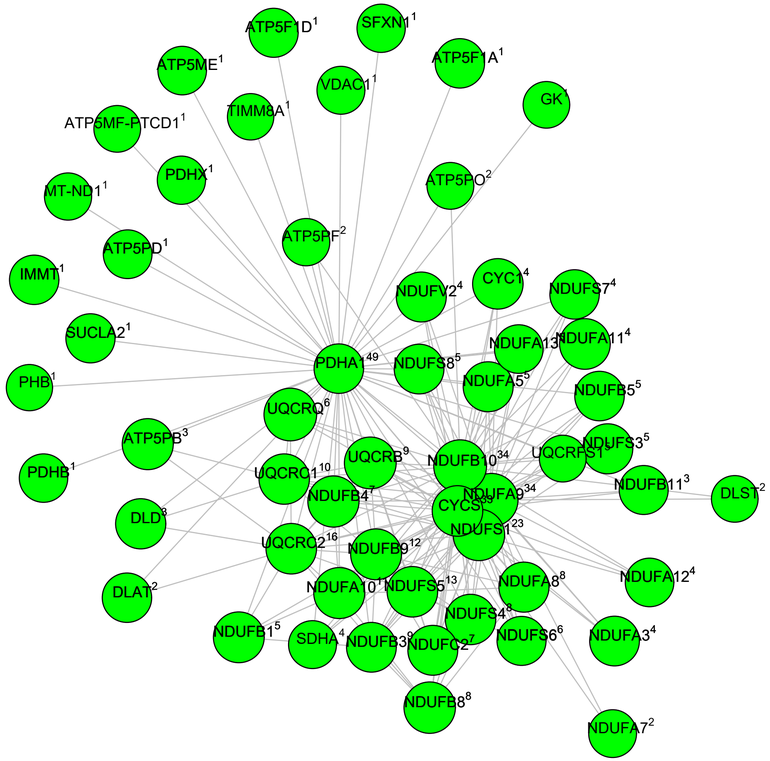

bicor=-0.14, p=0.29
cor=-0.13, p=0.32
Eigenprotein
Sex

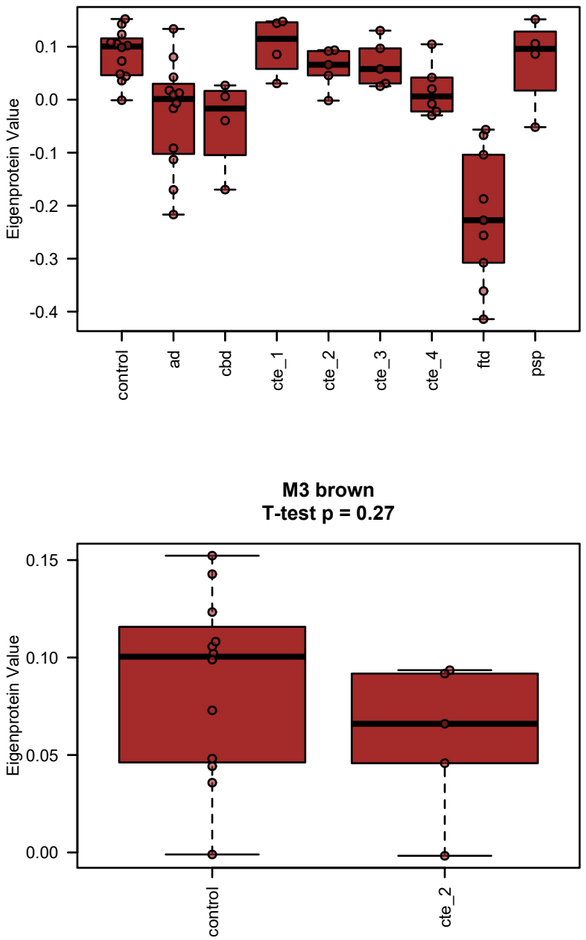

bicor=0.00084, p=0.99
cor=0.17, p=0.19
Eigenprotein
PMI

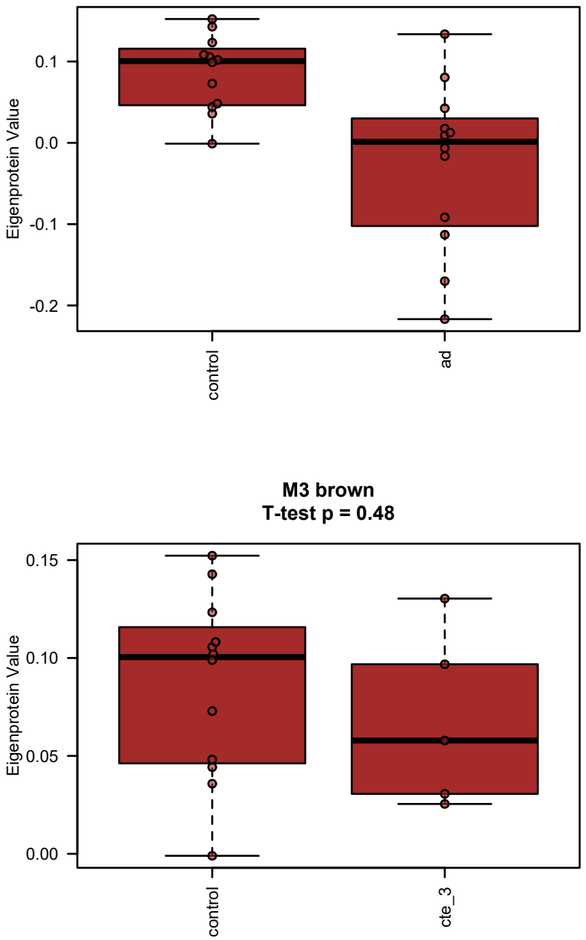
M5 green module

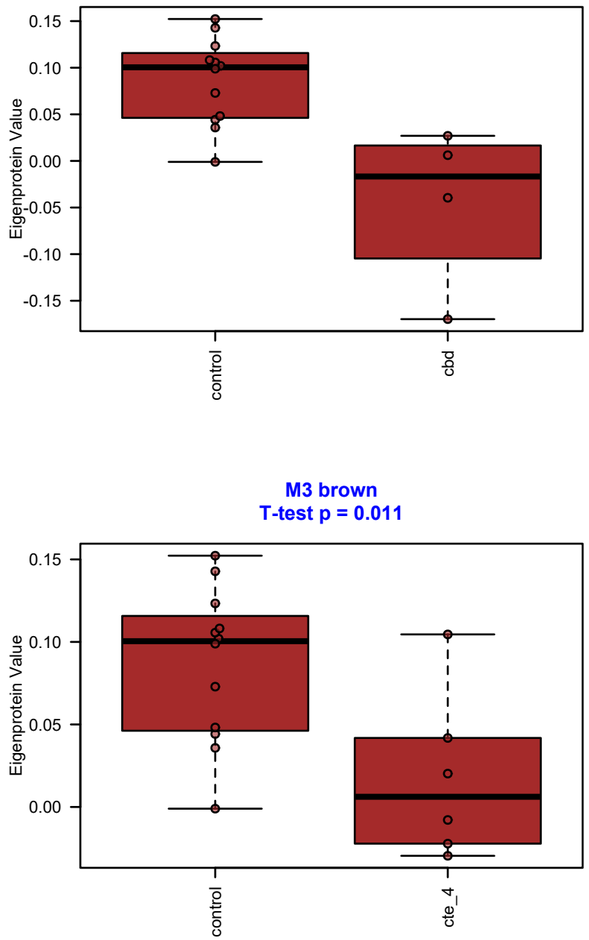


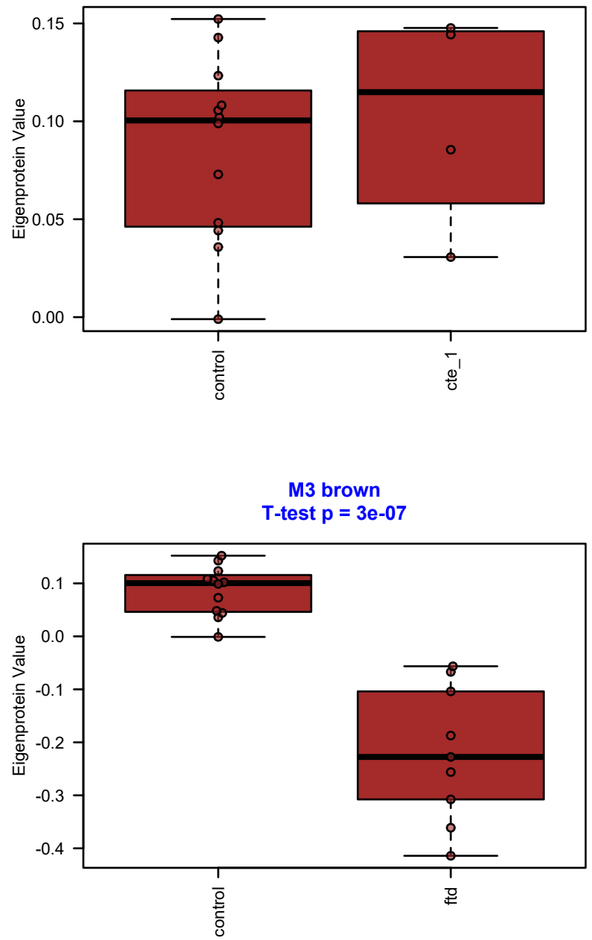
M5 green module hubs connected by top 400 TOM edges: HUB^{degree}




M3 brown
1-way AOV p = 1.9e-09
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp


M3 brown
T-test p = 0.0022
Eigenprotein Value
control
ad


M3 brown
T-test p = 0.0016
Eigenprotein Value
control
cbd

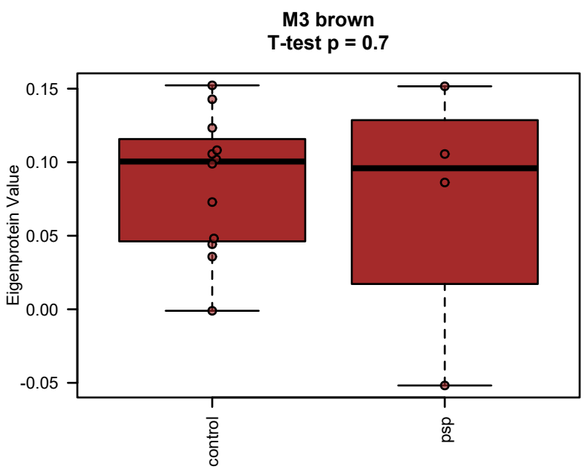

M3 brown
T-test p = 0.58
Eigenprotein Value
control
cte_1

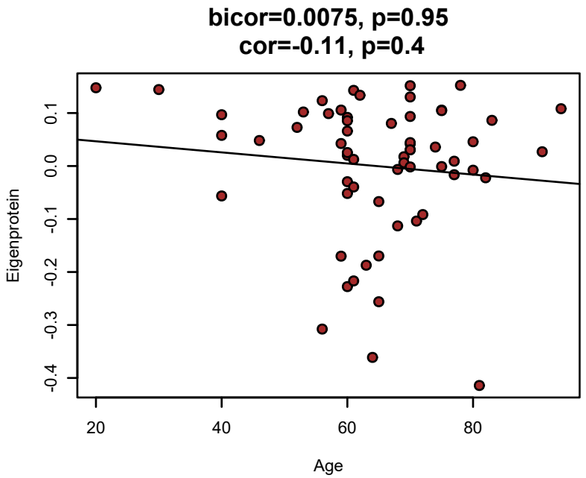
M3 brown
T-test p = 0.27
Eigenprotein Value
control
cte_2

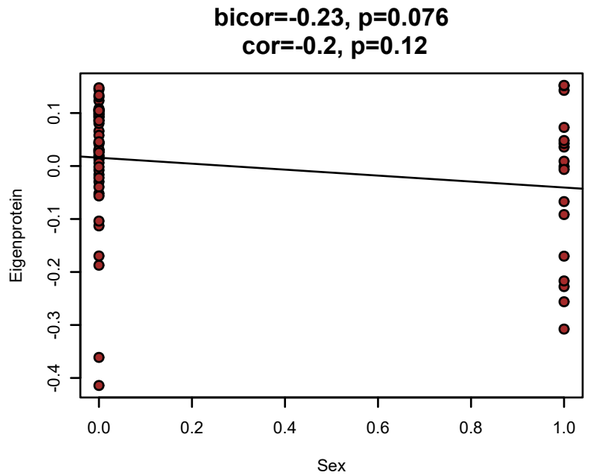
M3 brown
T-test p = 0.48
Eigenprotein Value
control
cte_3

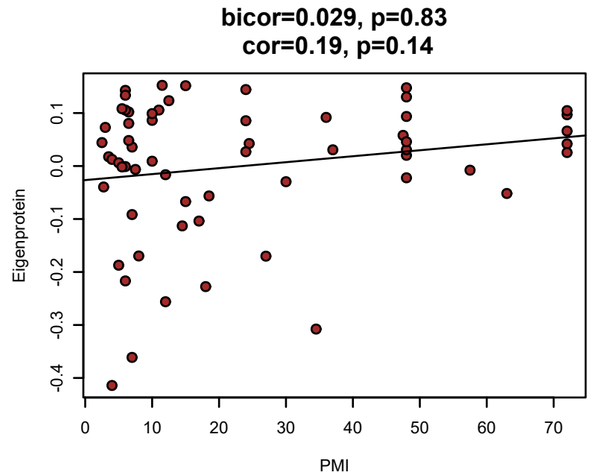
M3 brown
T-test p = 0.011
Eigenprotein Value
control
cte_4

M3 brown
T-test p = 3e-07
Eigenprotein Value
control
ftd

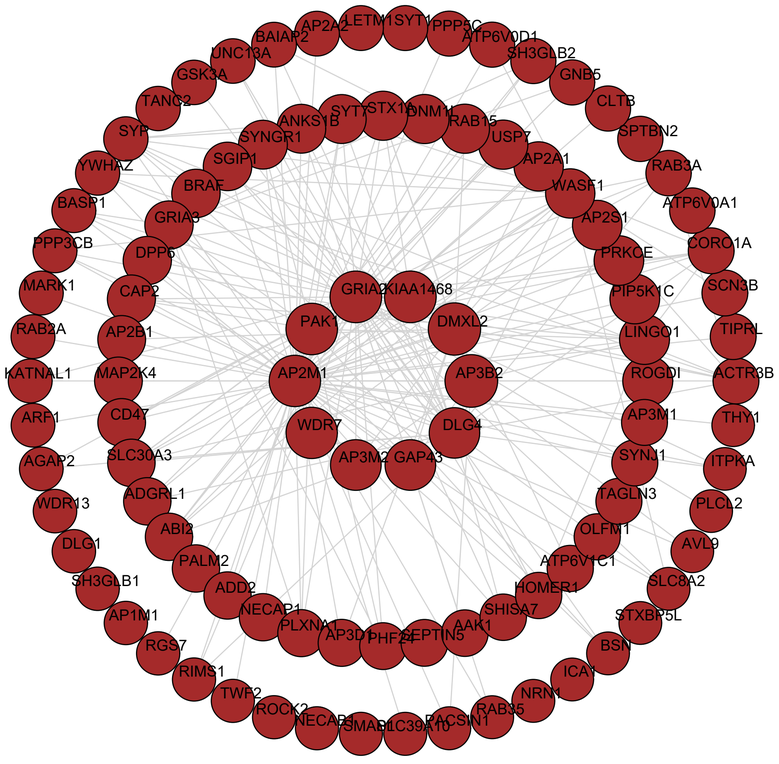

M3 brown
T-test p = 0.7
Eigenprotein Value
control
psp


bicor=0.0075, p=0.95
cor=-0.11, p=0.4
Eigenprotein
Age

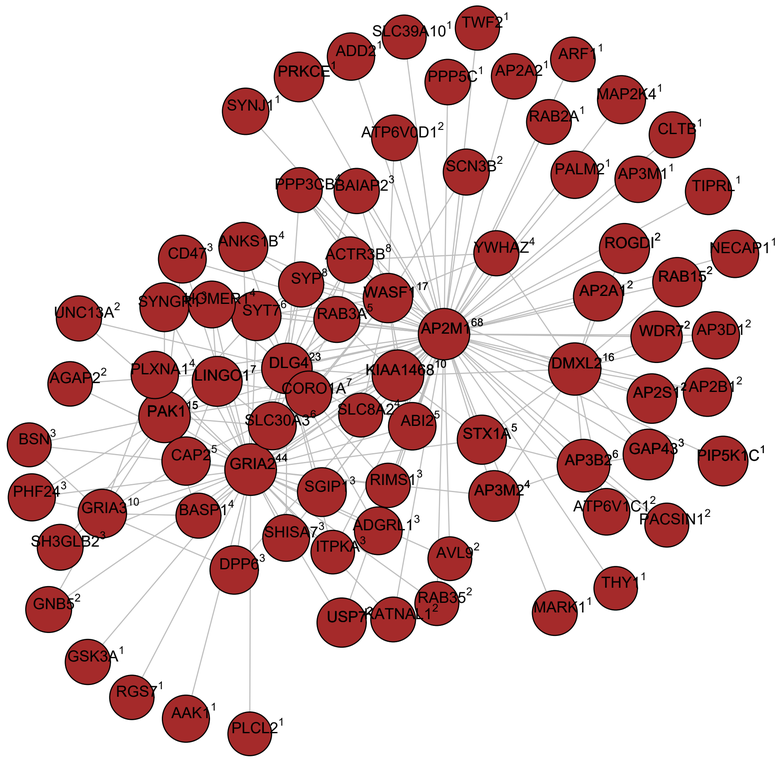

bicor=-0.23, p=0.076
cor=-0.2, p=0.12
Eigenprotein
Sex

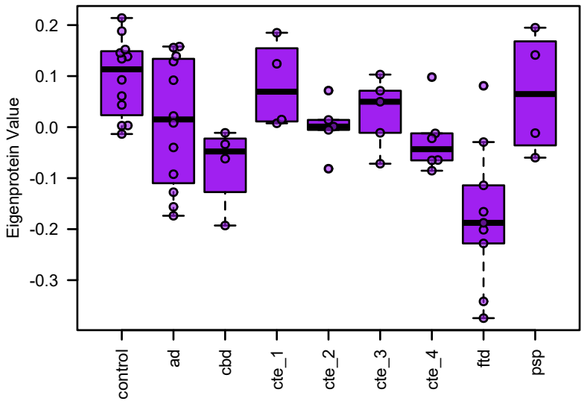

bicor=0.029, p=0.83
cor=0.19, p=0.14
Eigenprotein
PMI

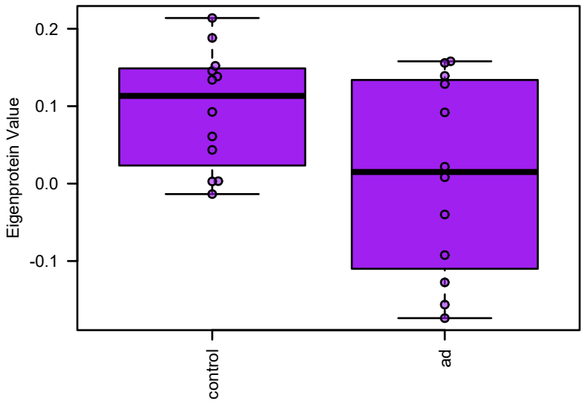
M3 brown module

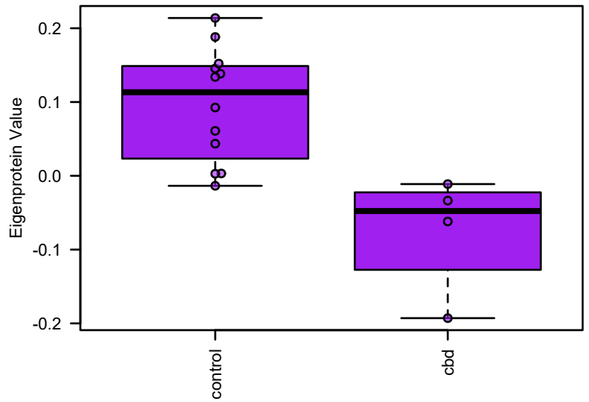


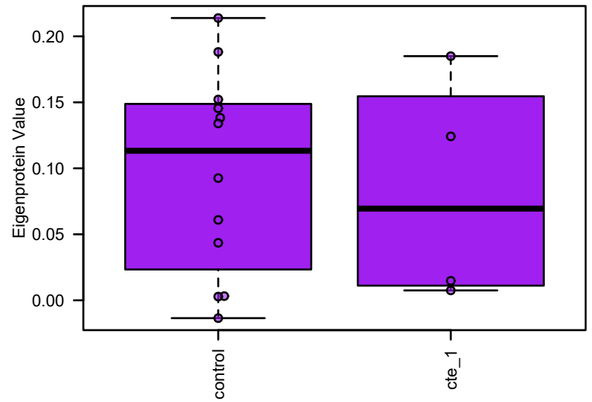
M3 brown module hubs connected by top 400 TOM edges: HUB^{degree}

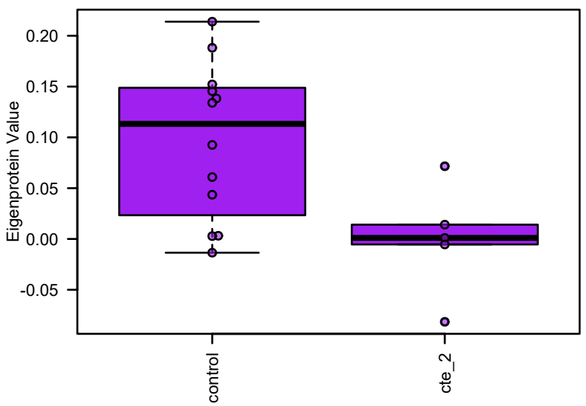


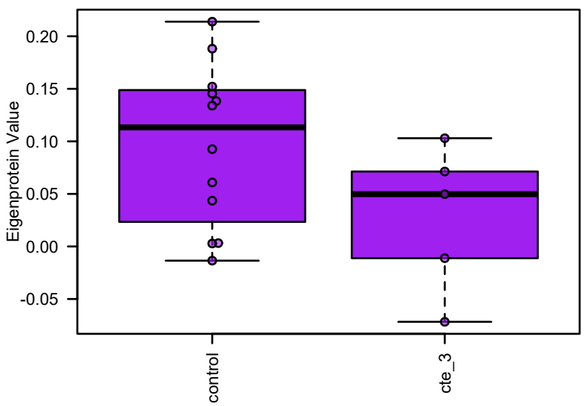

M10 purple
1-way AOV p = 4.6e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

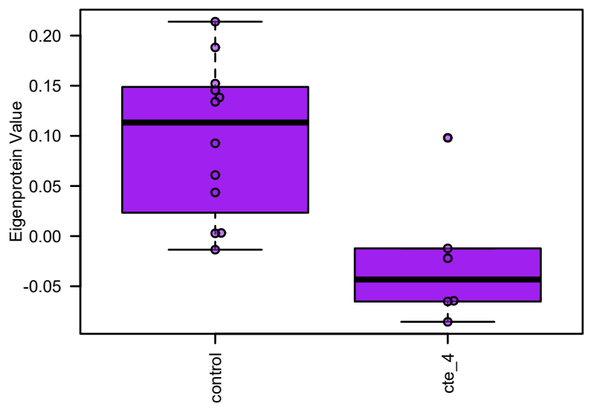

M10 purple
T-test p = 0.052
Eigenprotein Value
control
ad

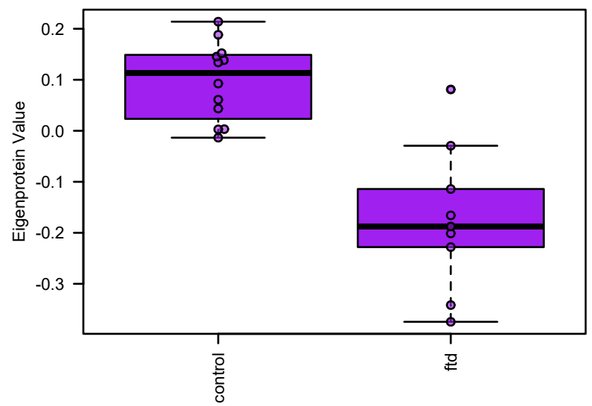

M10 purple
T-test p = 0.0018
Eigenprotein Value
control
cbd

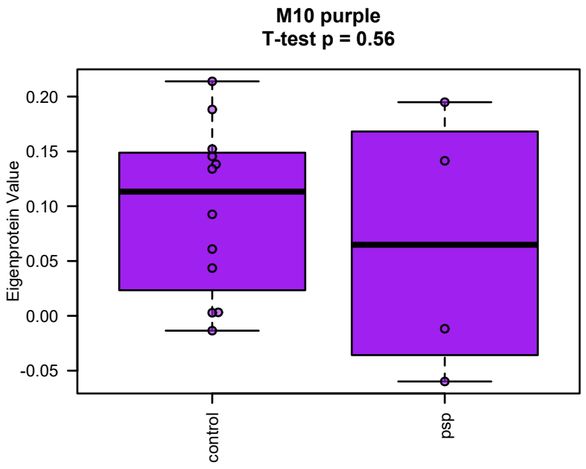

M10 purple
T-test p = 0.76
Eigenprotein Value
control
cte_1

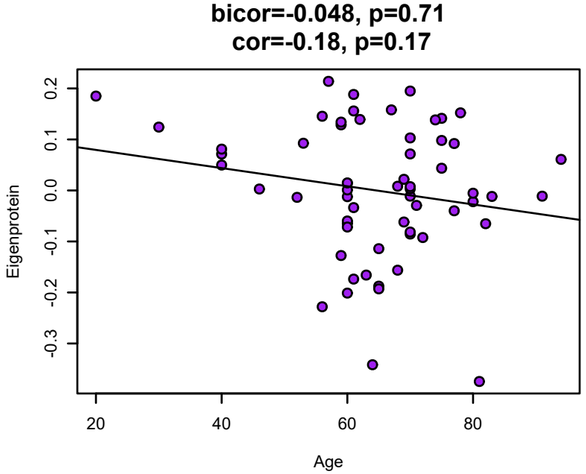

M10 purple
T-test p = 0.022
Eigenprotein Value
control
cte_2

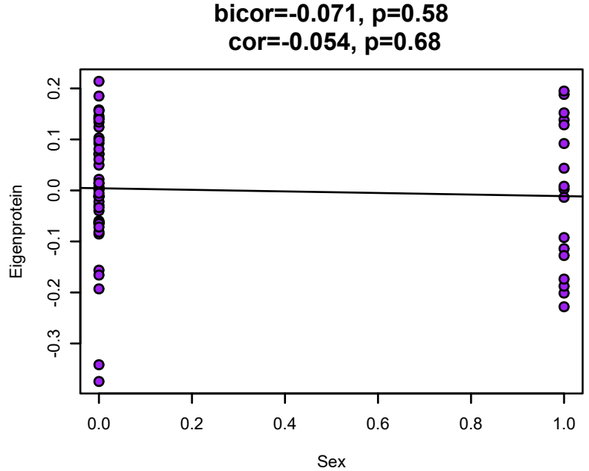

M10 purple
T-test p = 0.11
Eigenprotein Value
control
cte_3

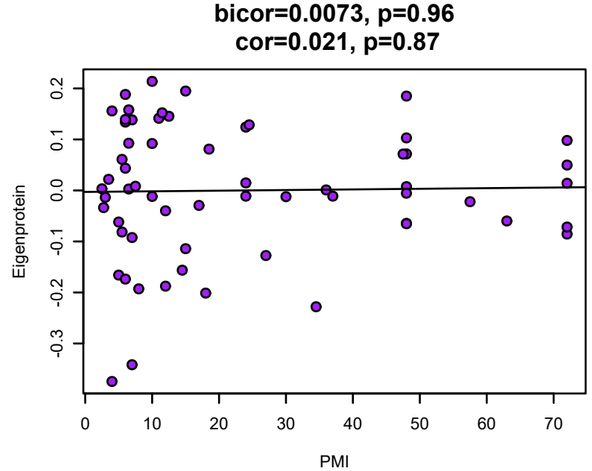

M10 purple
T-test p = 0.0044
Eigenprotein Value
control
cte_4

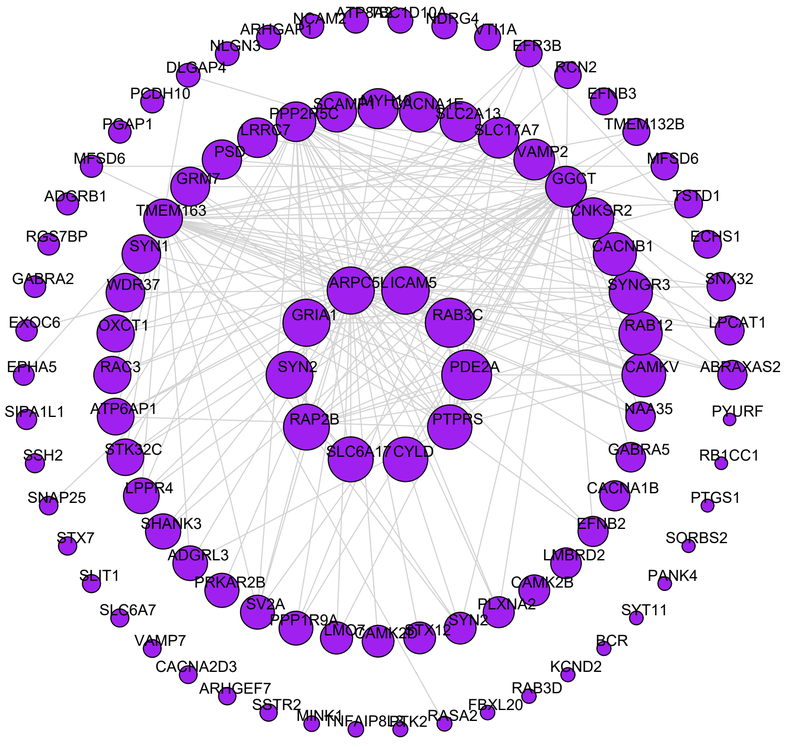

M10 purple
T-test p = 2e-05
Eigenprotein Value
control
ftd

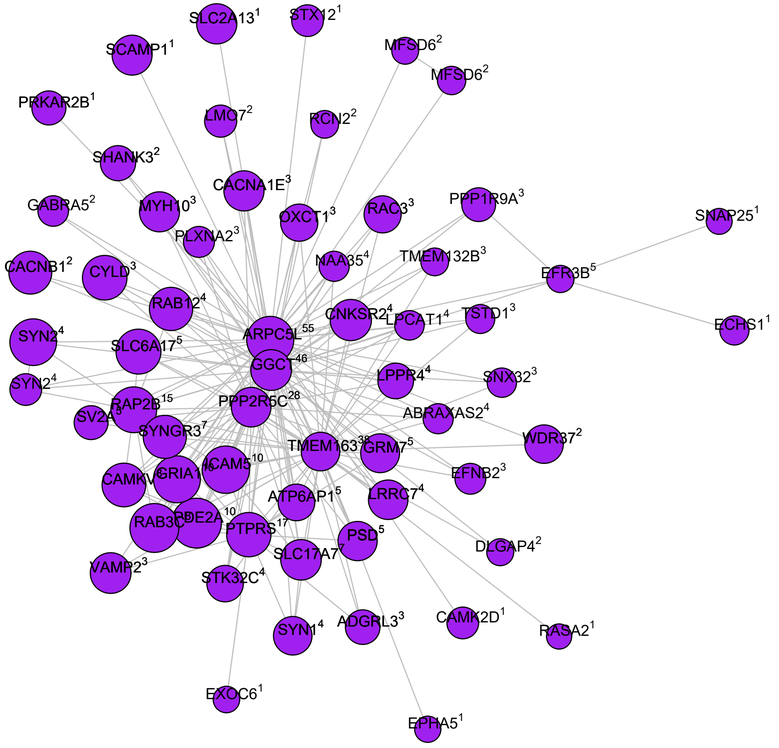

M10 purple
T-test p = 0.56
Eigenprotein Value
control
psp


bicor=-0.048, p=0.71
cor=-0.18, p=0.17
Eigenprotein
Age

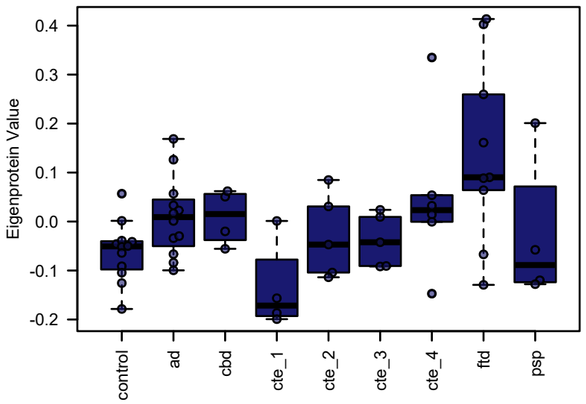

bicor=-0.071, p=0.58
cor=-0.054, p=0.68
Eigenprotein
Sex

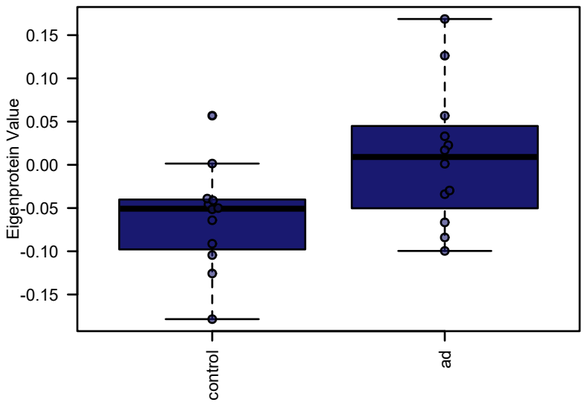

bicor=0.0073, p=0.96
cor=0.021, p=0.87
Eigenprotein
PMI

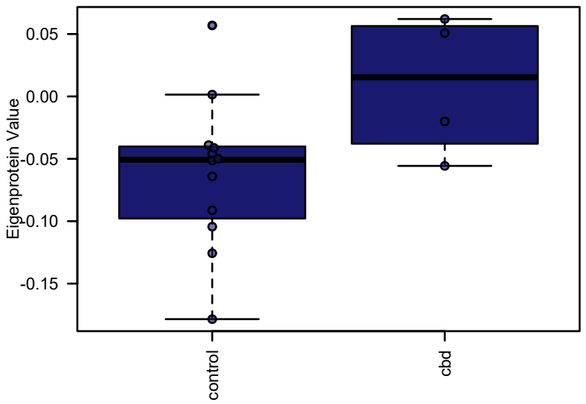

M10 purple module
NCAM2
ARHGAP1
NEGN3
DLGAP4
PCDH10
PGAP1
MFSD6
ADGRB1
RGS7BP
GABRA2
EXOC6
EPHA5
SIPA1L1
SSH2
SNAP25
STX7
SLIT1
SLC6A7
VAMP7
CACNA2D3
ARHGEF7
SSTR2
MINK1
TNFAIP8L2
PTK2
RASA2
FBXL20
RAB3D
KCND2
BCR
SYT11
PANK4
SORBS2
PTGS1
RB1CC1
PYURF
ABRAXAS2
ECHS1
TSTD1
LPCAT1
SNX32
EFNB3
TMEM132B
RCN2
EFR3B
VTI1A
NDRG4
ATP8B1
ATP10A
PPP2R5C
SCAMP1
MYH10
CACNA1E
SLC2A13
SLC17A7
VAMP2
GGCT
CNKSR2
CACNB1
SYNGR3
RAB12
CAMKV
MAA35
GABRA5
CACNA1B
EFNB2
LMBRD2
CAMK2B
PLXNA2
SYN2
CAMK2D
STX12
LMO7
PPP1R9A
SV2A
PRKAR2B
ADGRL3
SHANK3
LPPR4
STK32C
ATP6AP1
RAC3
OXCT1
SYN1
TMEM163
WDR37
GRM7
PSD
LRRC7
GRIA1
ARPC5L
ICAM5
RAB3C
PDE2A
PTPRS
SYN2
RAP2B
SLC6A17
CYLD

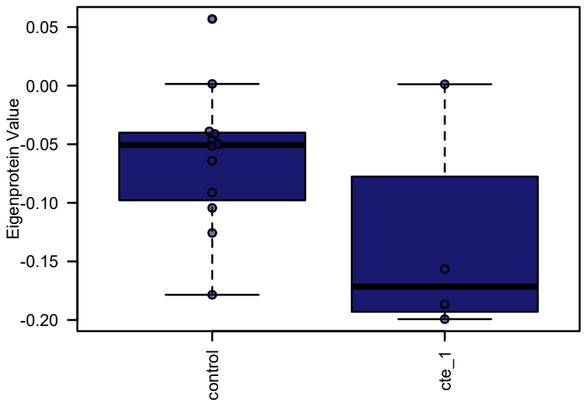

M10 purple module hubs connected by top 400 TOM edges: HUB degree
SLC2A13 1
STX12 1
SCAMP1 1
MFSD6 2
MFSD6 2
PRKAR2B 1
LMO7 2
RCN2 2
SHANK3 2
CACNA1E 3
GABRA5 2
MYH10 3
OXCT1 3
RAC3 3
PPP1R9A 3
SNAP25 1
PLXNA2 3
MAA35 4
TMEM132B 3
CACNB1 2
CYLD 3
EFR3B 5
RAB12 4
CNKSR2 4
LPCAT1 4
TSTD1 3
ECHS1 1
SYN2 4
ARPC5L 55
SLC6A17 5
GGCT 46
LPPR4 4
SNX32 3
SYN2 4
RAP2B 15
PPP2R5C 28
SV2A 3
ABRAXAS2 4
SYNGR3 7
TMEM163 36
GRM7 5
WDR37 2
ICAM5 10
GRIA1
CAMKV
EFNB2 3
ATP6AP1 5
LRRC7 4
RAB3C
PDE2A 10
PTPRS 17
PSD 5
DLGAP4 2
SLC17A7 7
VAMP2 3
STK32C 4
SYN1 4
ADGRL3 3
CAMK2D 1
RASA2 1
EXOC6 1
EPHA5 1

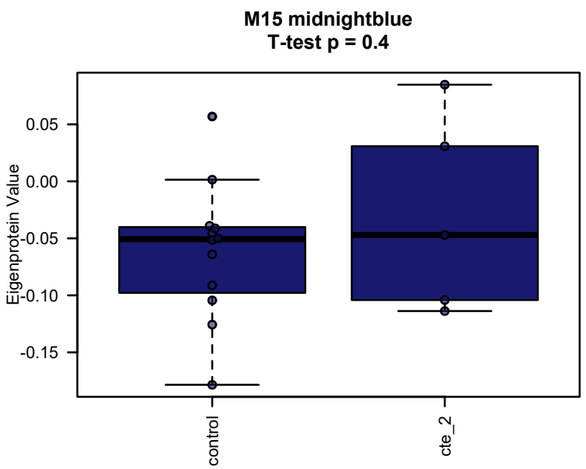
White Matter

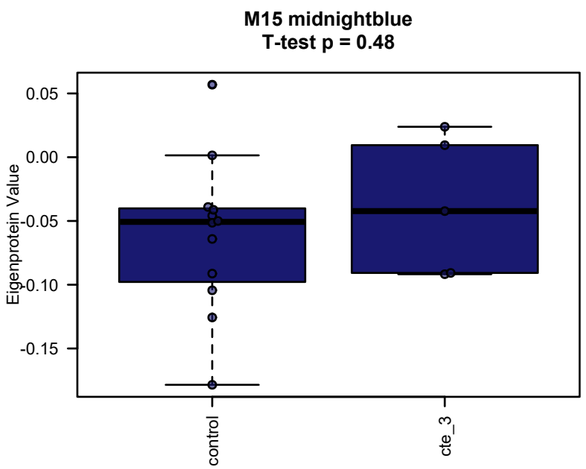

M15 midnightblue
1-way AOV p = 0.0049
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

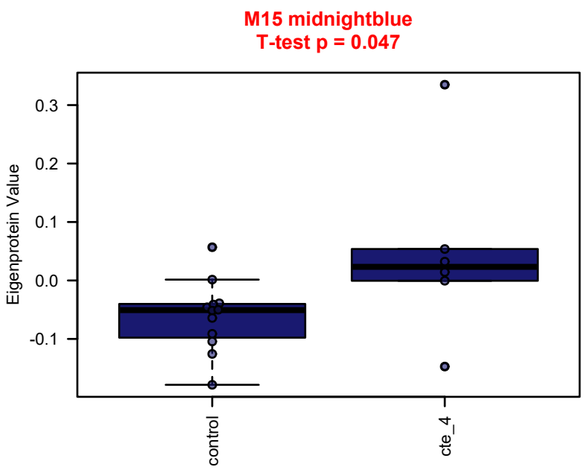

M15 midnightblue
T-test p = 0.024
Eigenprotein Value
control
ad

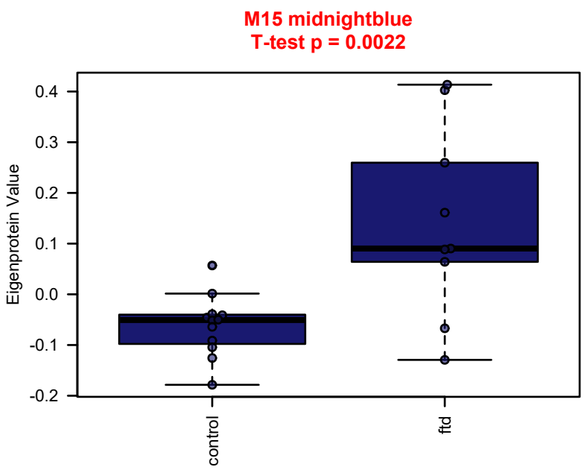

M15 midnightblue
T-test p = 0.06
Eigenprotein Value
control
cbd

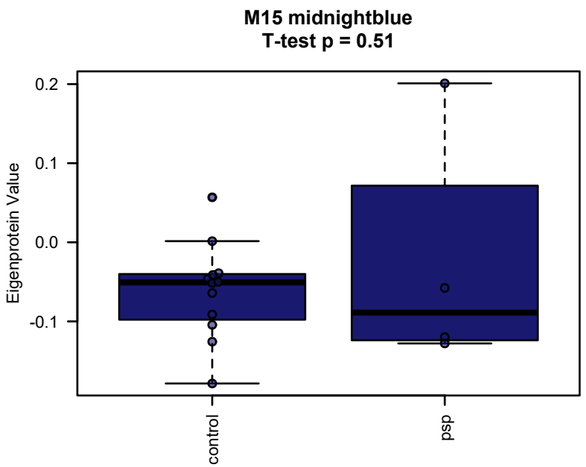

M15 midnightblue
T-test p = 0.082
Eigenprotein Value
control
cte_1

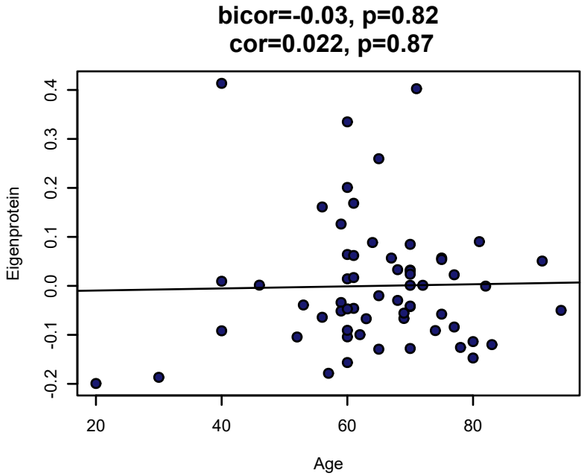

M15 midnightblue
T-test p = 0.4
Eigenprotein Value
control
cte_2

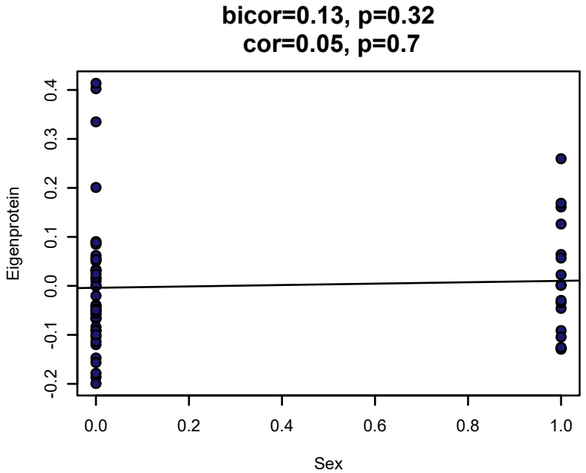

M15 midnightblue
T-test p = 0.48
Eigenprotein Value
control
cte_3

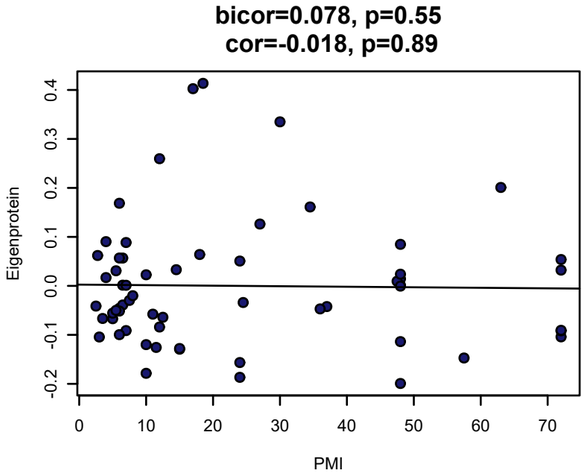

M15 midnightblue
T-test p = 0.047
Eigenprotein Value
control
cte_4


M15 midnightblue
T-test p = 0.0022
Eigenprotein Value
control
ftd

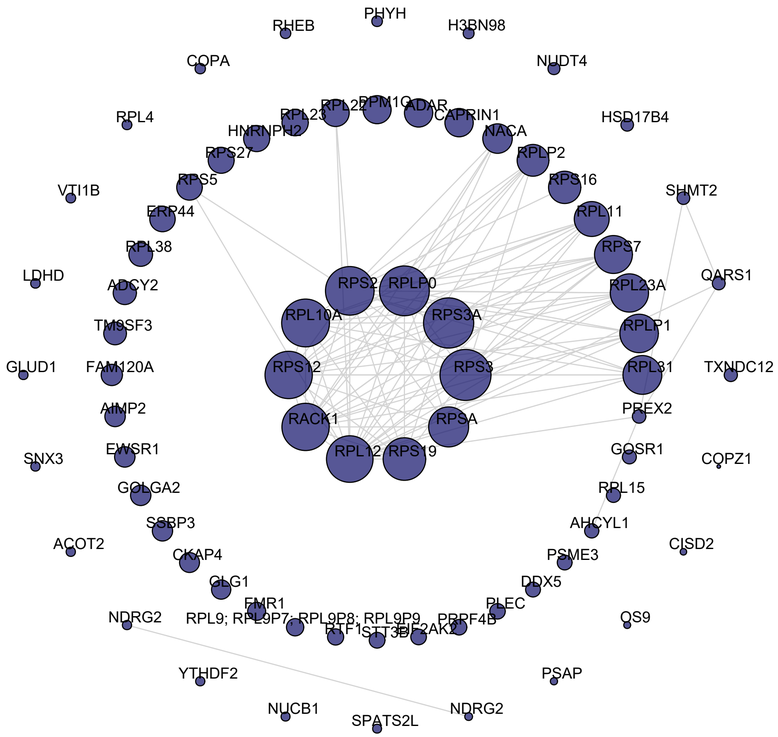

M15 midnightblue
T-test p = 0.51
Eigenprotein Value
control
psp


bicor=-0.03, p=0.82
cor=0.022, p=0.87
Eigenprotein
Age

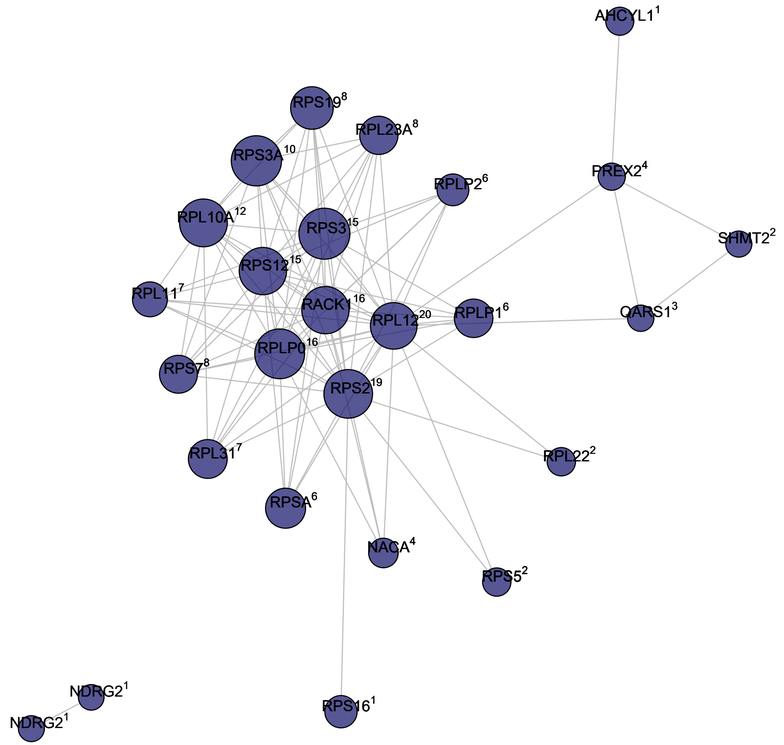

bicor=0.13, p=0.32
cor=0.05, p=0.7
Eigenprotein
Sex

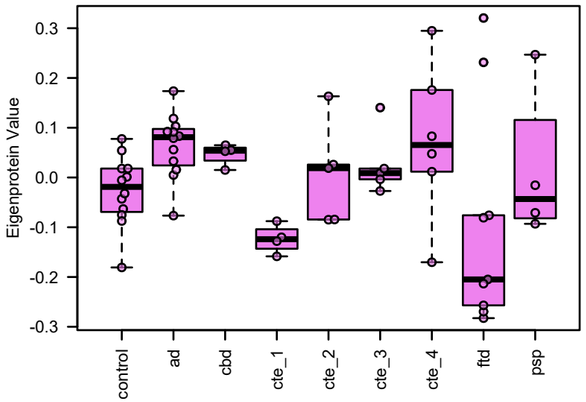

bicor=0.078, p=0.55
cor=-0.018, p=0.89
Eigenprotein
PMI

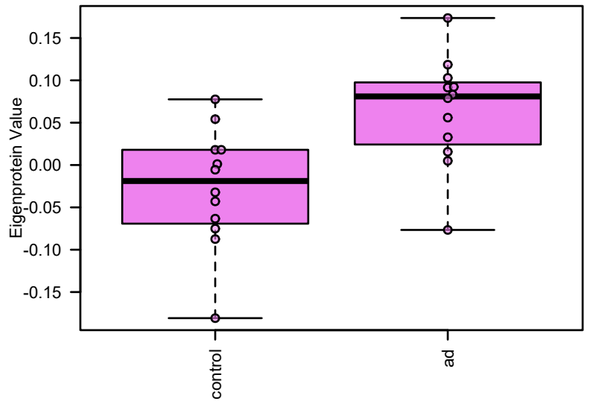
M15 midnightblue module

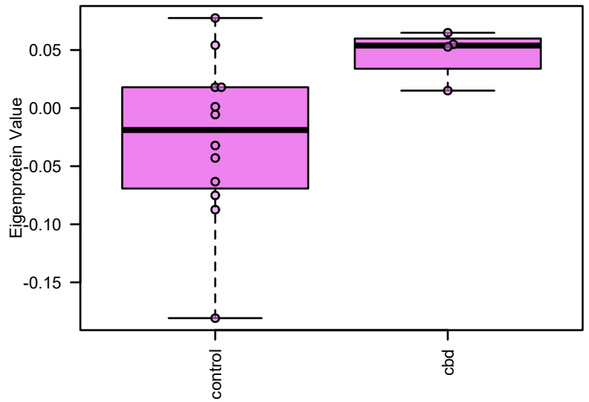


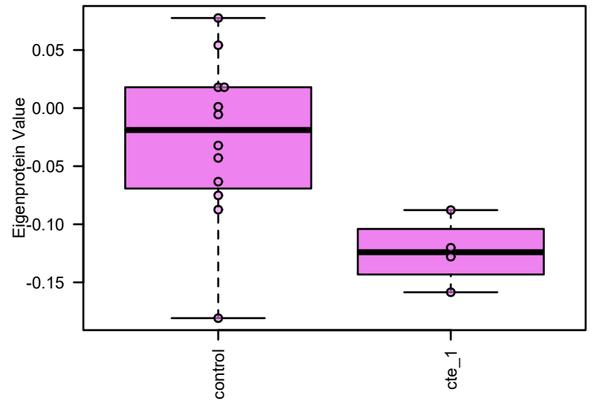
M15 midnightblue module hubs connected by top 200 TOM edges: HUB^{degree}

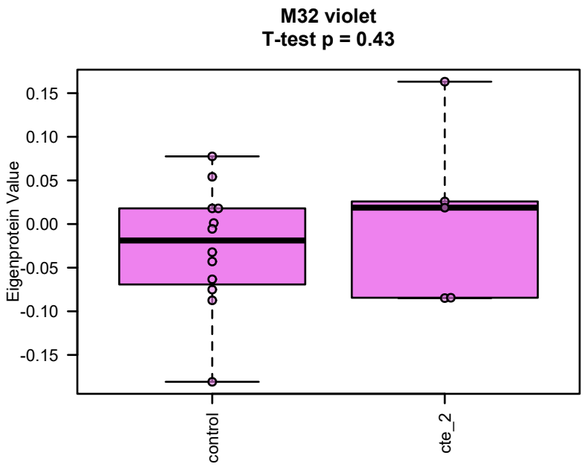


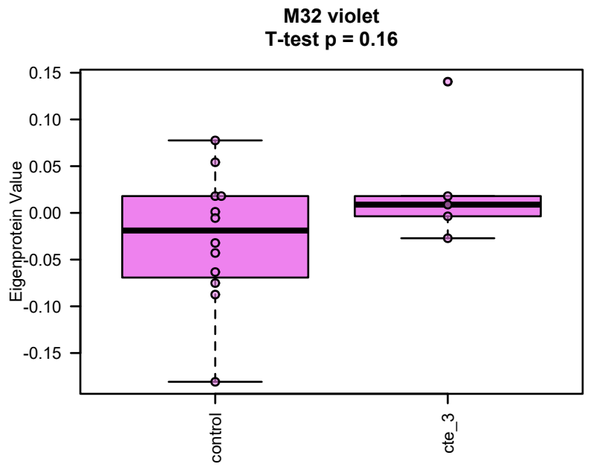

M32 violet
1-way AOV p = 0.054
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

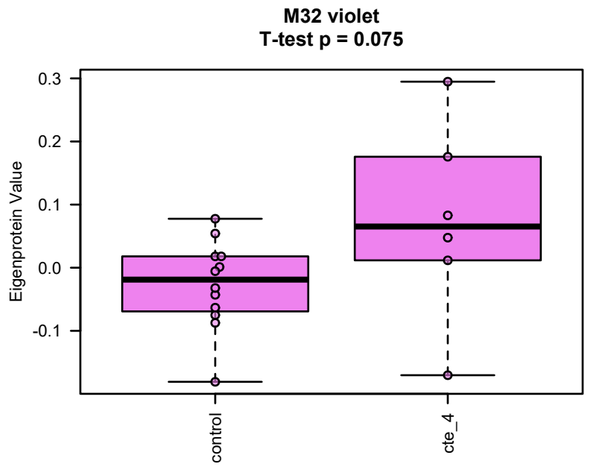

M32 violet
T-test p = 0.0031
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

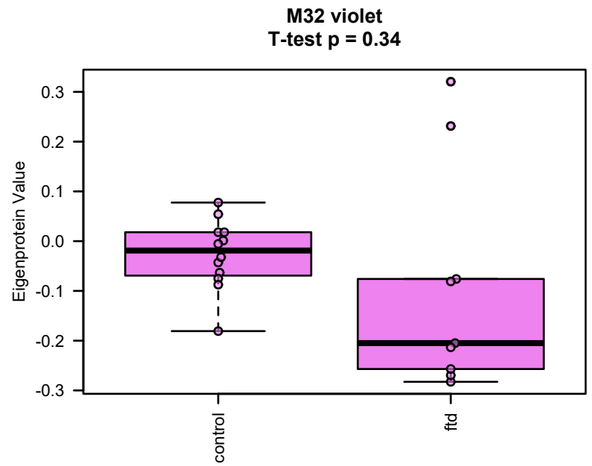

M32 violet
T-test p = 0.063
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

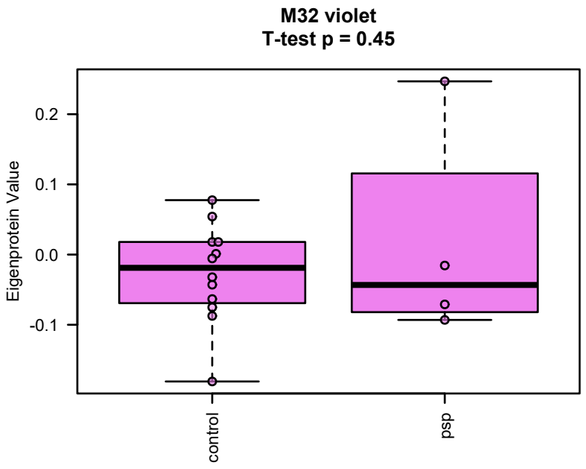

M32 violet
T-test p = 0.019
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

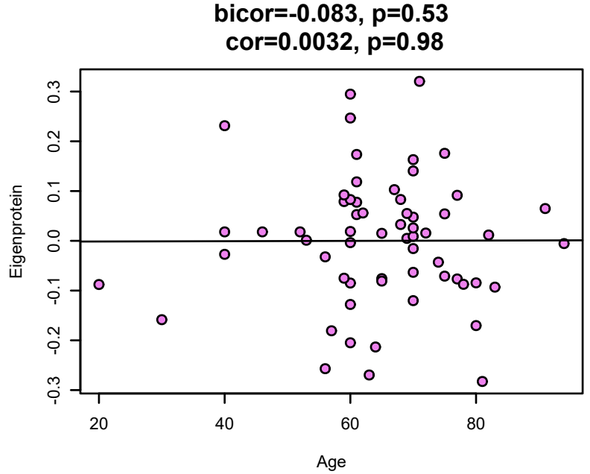

M32 violet
T-test p = 0.43
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

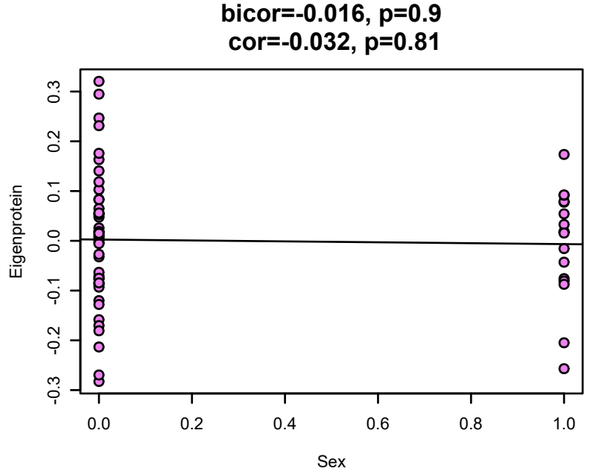

M32 violet
T-test p = 0.16
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

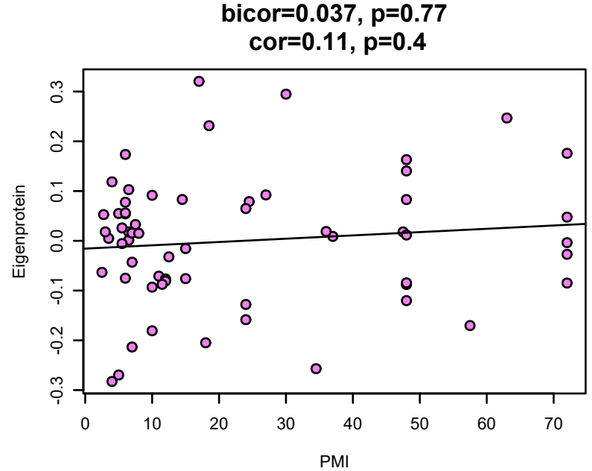

M32 violet
T-test p = 0.075
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4

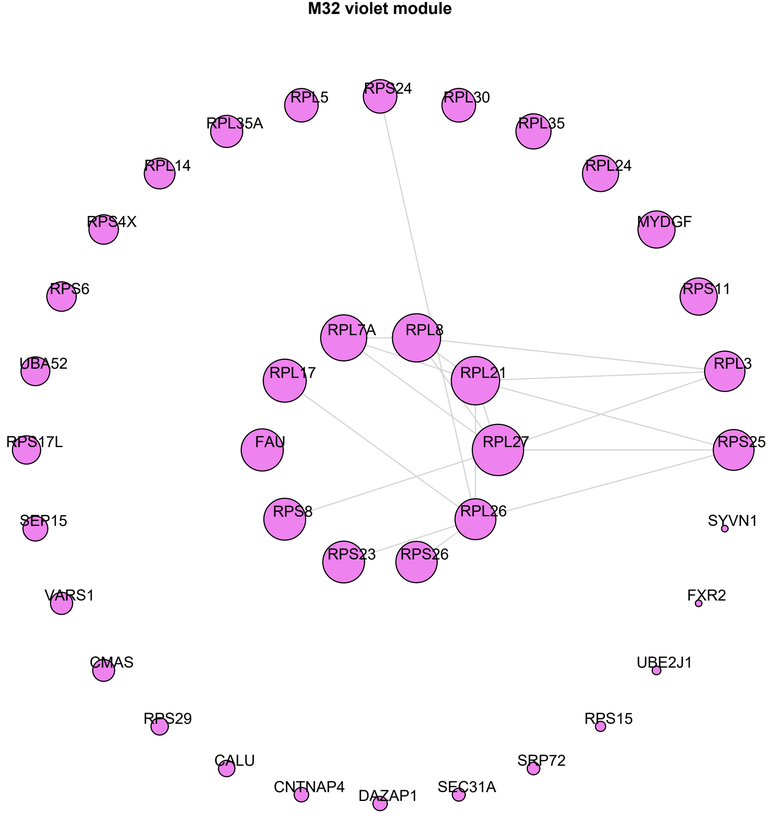

M32 violet
T-test p = 0.34
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

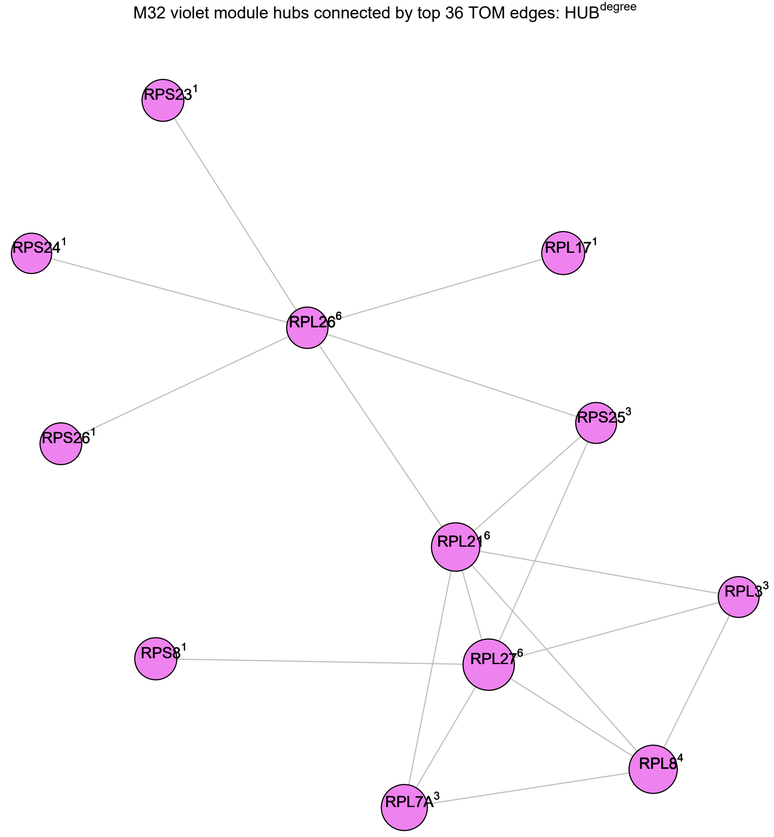

M32 violet
T-test p = 0.45
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

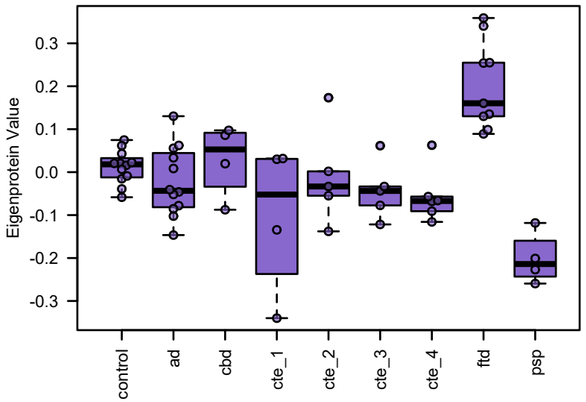

bicor=-0.083, p=0.53
cor=0.0032, p=0.98
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

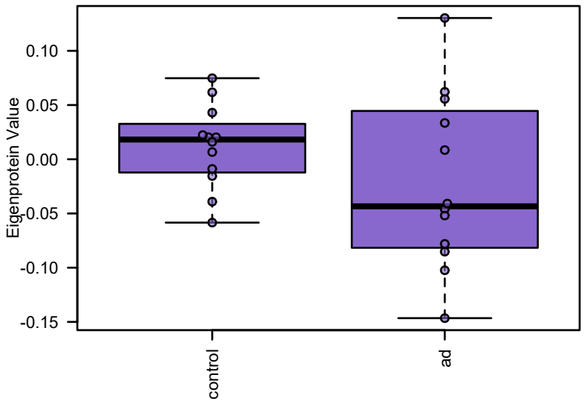

bicor=-0.016, p=0.9
cor=-0.032, p=0.81
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

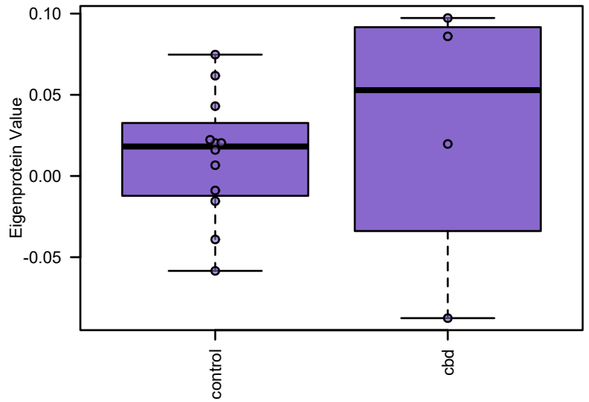

bicor=0.037, p=0.77
cor=0.11, p=0.4
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

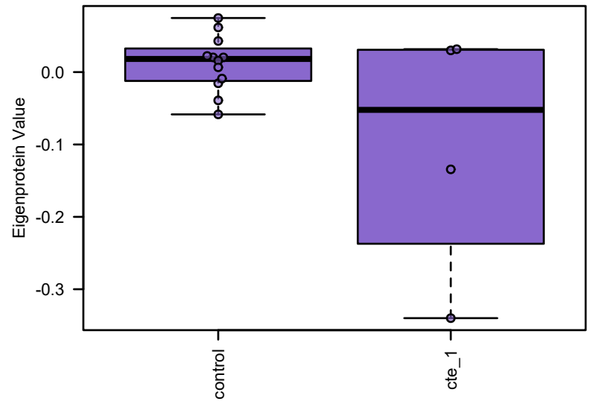

M32 violet module
RPL5
RPS24
RPL30
RPL35A
RPL35
RPL14
RPL24
RPS4X
MYDGF
RPS6
RPS11
RPL7A
RPL8
UBA52
RPL3
RPL17
RPL21
RPS17L
FAU
RPL27
RPS25
RPS8
RPL26
SEP15
SYVN1
RPS23
RPS26
VARS1
FXR2
CMAS
UBE2J1
RPS29
RPS15
CALU
SRP72
CNTNAP4
SEC31A
DAZAP1

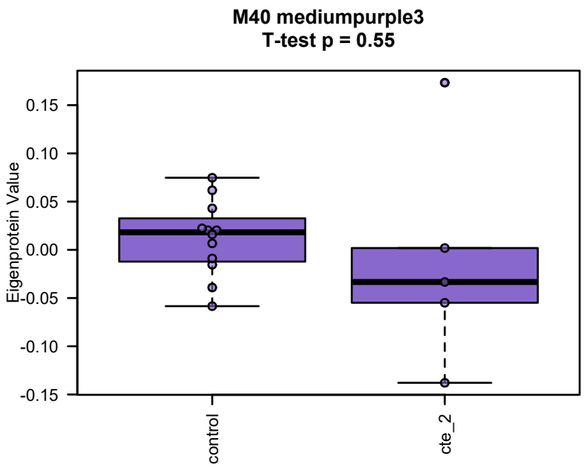

M32 violet module hubs connected by top 36 TOM edges: HUB degree
RPS23 1
RPS24 1
RPL17 1
RPL26 6
RPS25 3
RPS26 1
RPL21 6
RPL3 3
RPS8 1
RPL27 6
RPL8 4
RPL7A 3

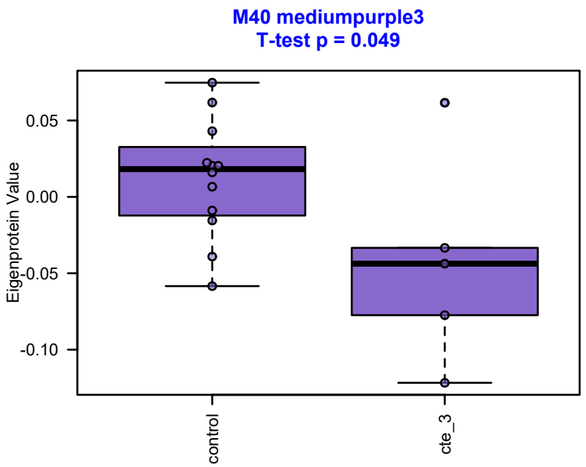

M40 mediumpurple3
1-way AOV p = 1.8e-08
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

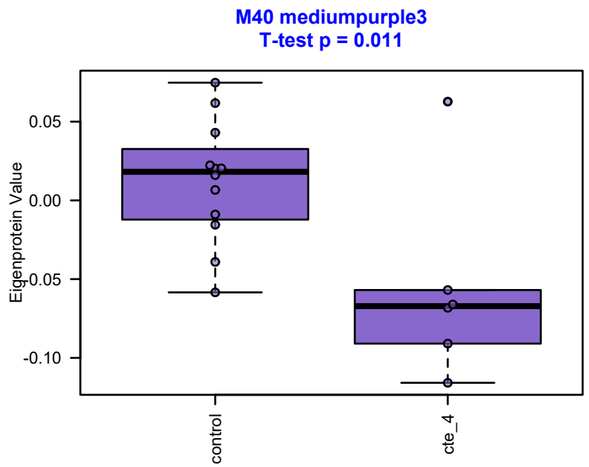

M40 mediumpurple3
T-test p = 0.2
Eigenprotein Value
control
ad

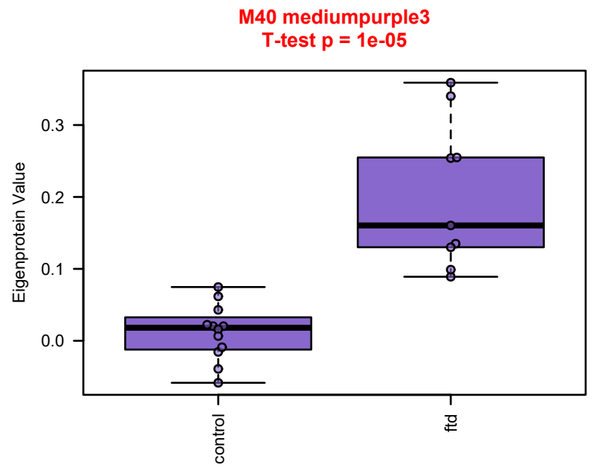

M40 mediumpurple3
T-test p = 0.58
Eigenprotein Value
control
cbd

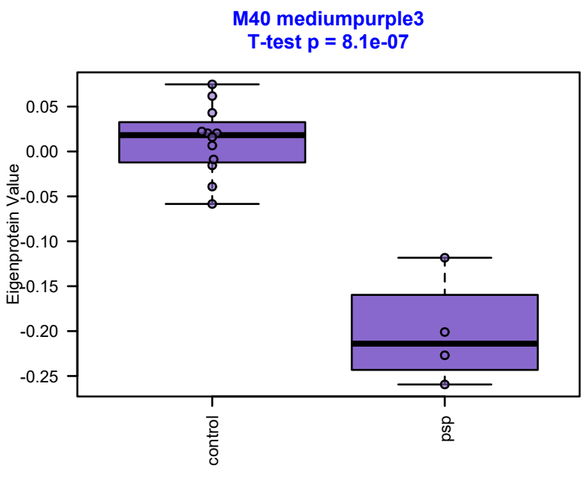

M40 mediumpurple3
T-test p = 0.041
Eigenprotein Value
control
cte_1

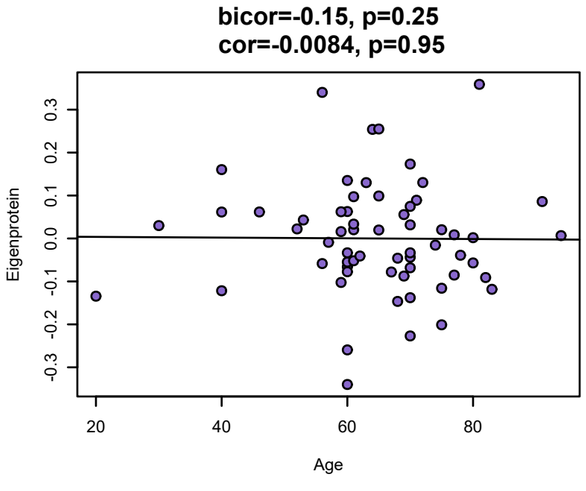

M40 mediumpurple3
T-test p = 0.55
Eigenprotein Value
control
cte_2

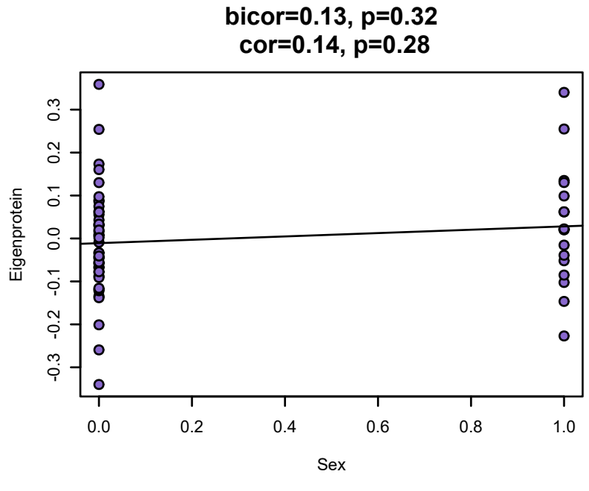

M40 mediumpurple3
T-test p = 0.049
Eigenprotein Value
control
cte_3

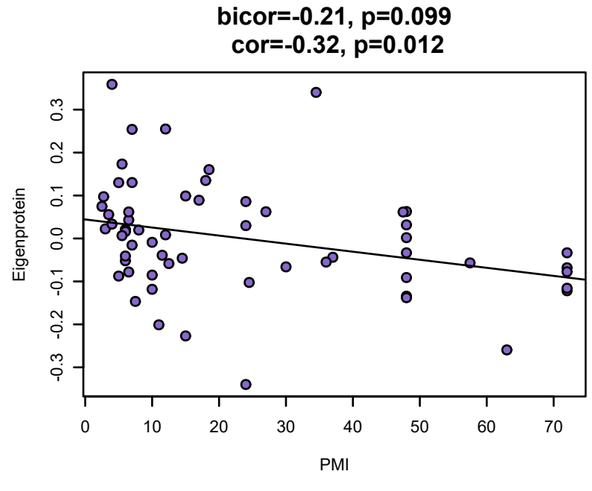

M40 mediumpurple3
T-test p = 0.011
Eigenprotein Value
control
cte_4

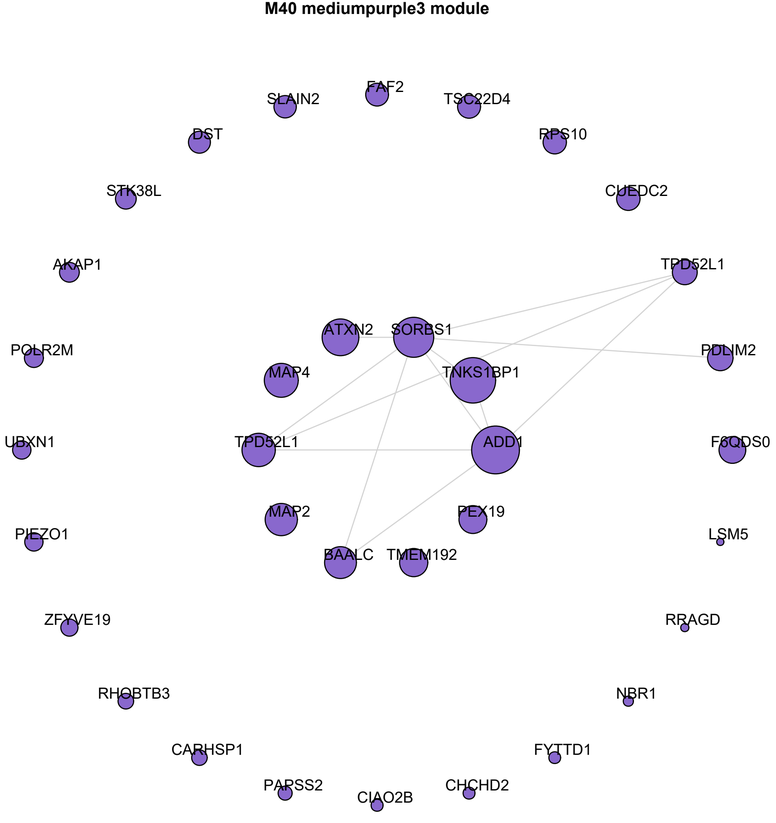

M40 mediumpurple3
T-test p = 1e-05
Eigenprotein Value
control
ftd

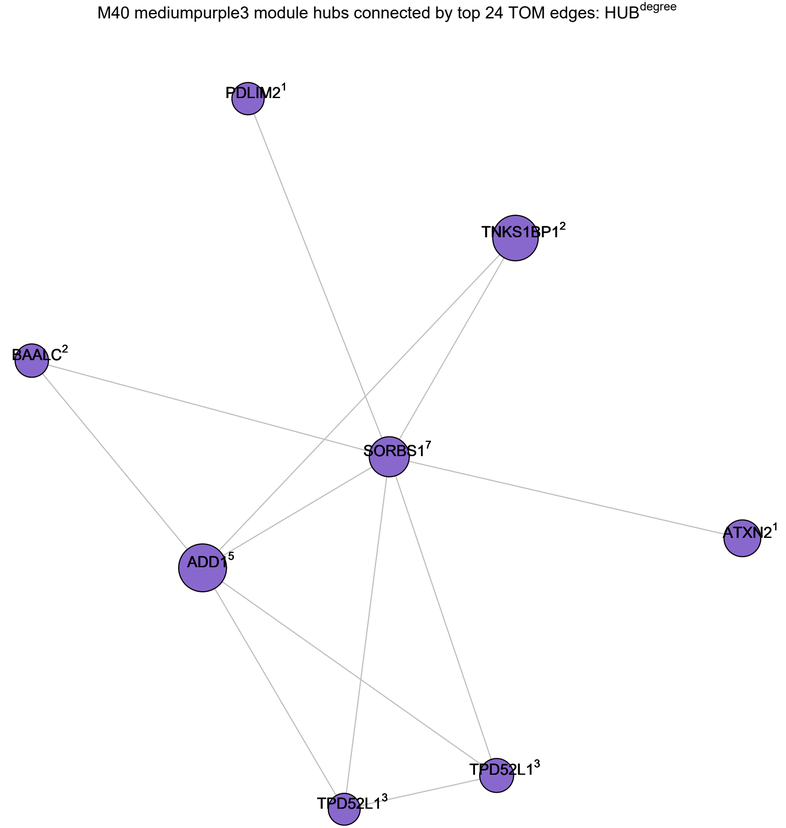

M40 mediumpurple3
T-test p = 8.1e-07
Eigenprotein Value
control
psp

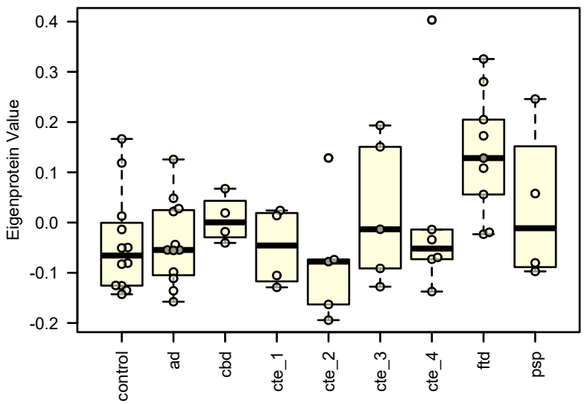

bicor=-0.15, p=0.25
cor=-0.0084, p=0.95
Eigenprotein
Age

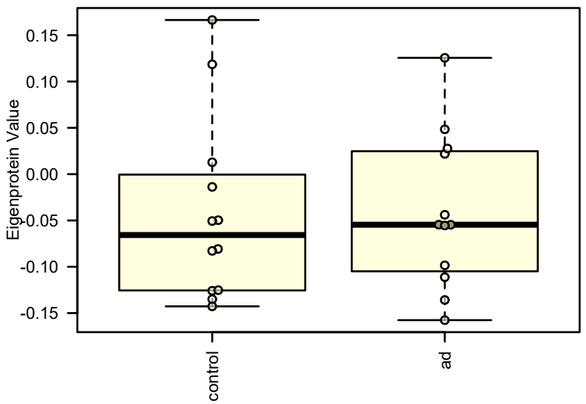

bicor=0.13, p=0.32
cor=0.14, p=0.28
Eigenprotein
Sex

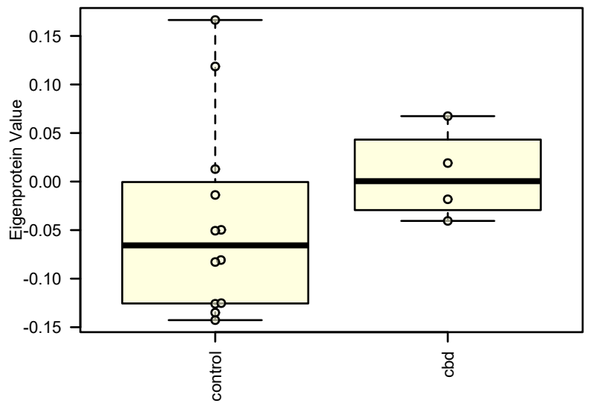

bicor=-0.21, p=0.099
cor=-0.32, p=0.012
Eigenprotein
PMI

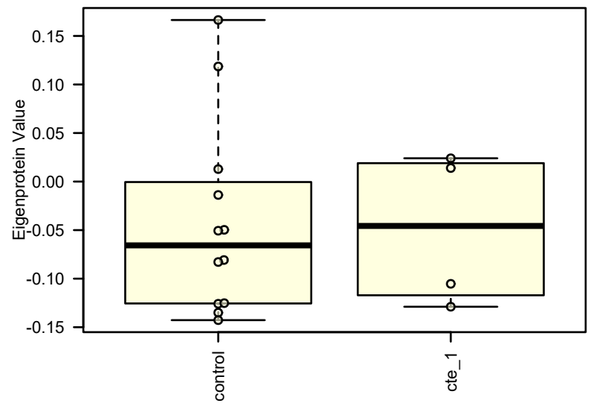

M40 mediumpurple3 module
SLAIN2
FAF2
TSC22D4
DST
RPS10
STK38L
CUEDC2
AKAP1
TPD52L1
ATXN2
SORBS1
POLR2M
PDLIM2
MAP4
TNKS1BP1
UBXN1
TPD52L1
ADD1
F8CDS0
MAP2
PEX19
PIEZO1
LSM5
BAALC
TMEM192
ZFYVE19
RRAGD
RHOBTB3
NBR1
CARHSP1
FYTTD1
PAPSS2
CHCHD2
CIAO2B

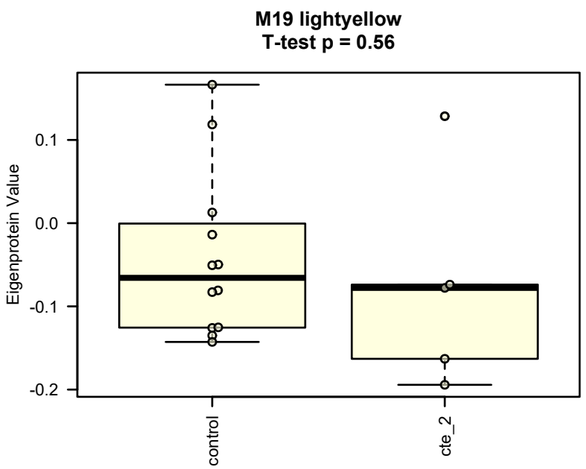

M40 mediumpurple3 module hubs connected by top 24 TOM edges: HUB degree
PDLIM2 1
TNKS1BP1 2
BAALC 2
SORBS1 7
ATXN2 1
ADD1 5
TPD52L1 3
TPD52L1 3

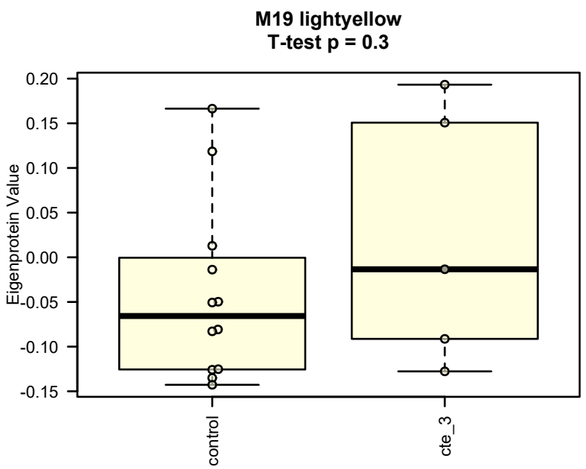

M19 lightyellow
1-way AOV p = 0.039
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

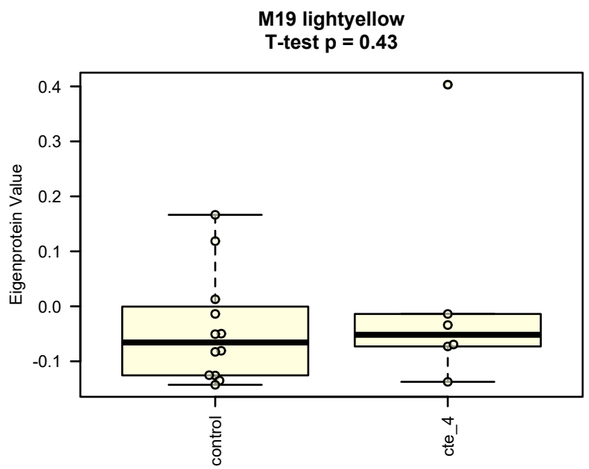

M19 lightyellow
T-test p = 0.96
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

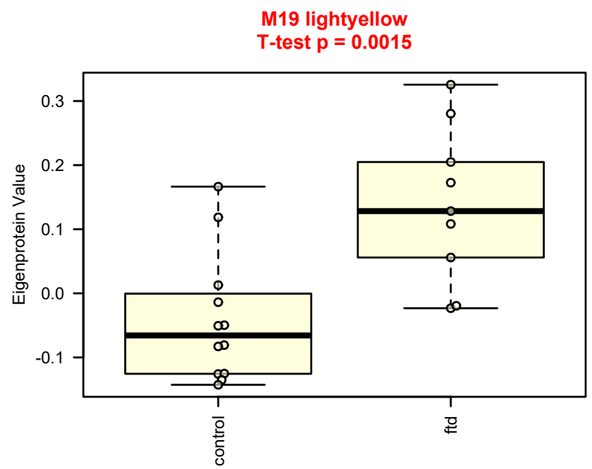

M19 lightyellow
T-test p = 0.36
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

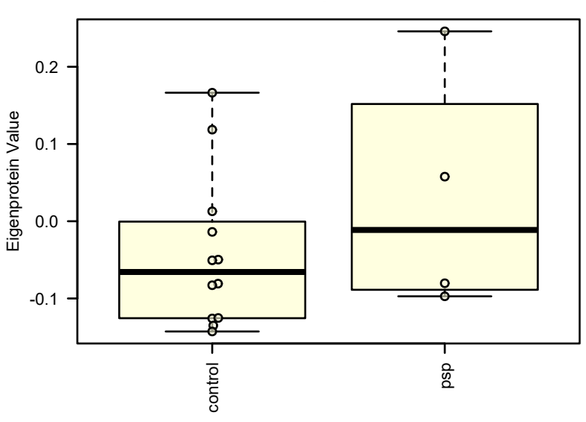

M19 lightyellow
T-test p = 0.91
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

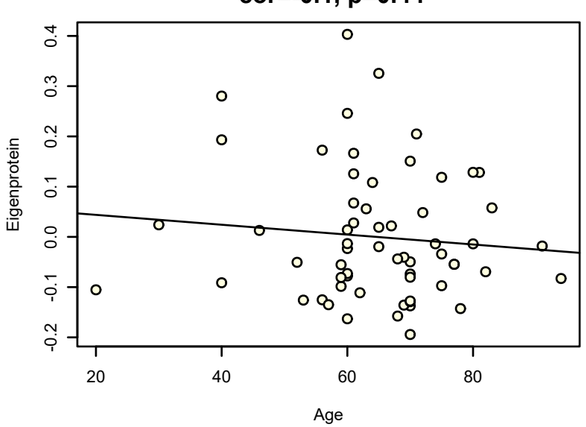

M19 lightyellow
T-test p = 0.56
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_2

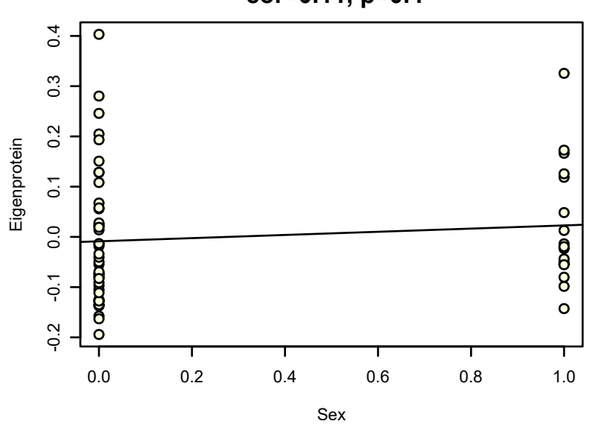

M19 lightyellow
T-test p = 0.3
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

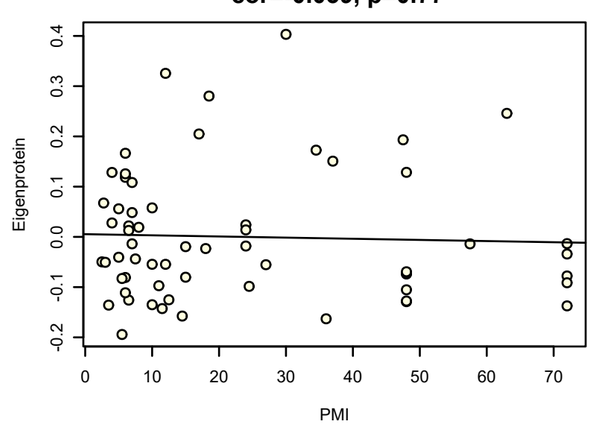

M19 lightyellow
T-test p = 0.43
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_4

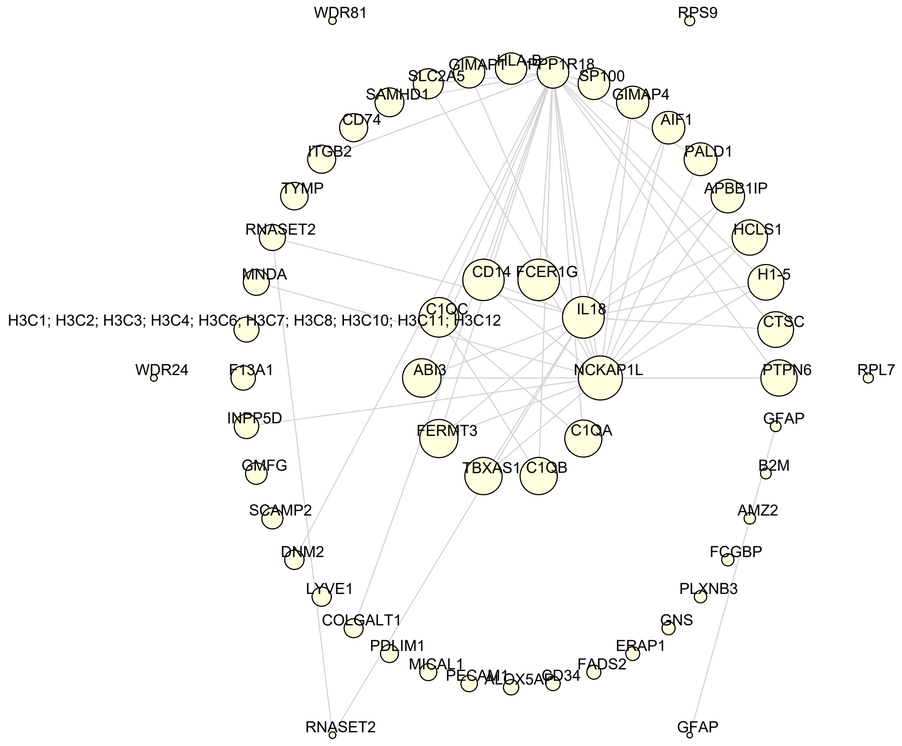

M19 lightyellow
T-test p = 0.0015
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

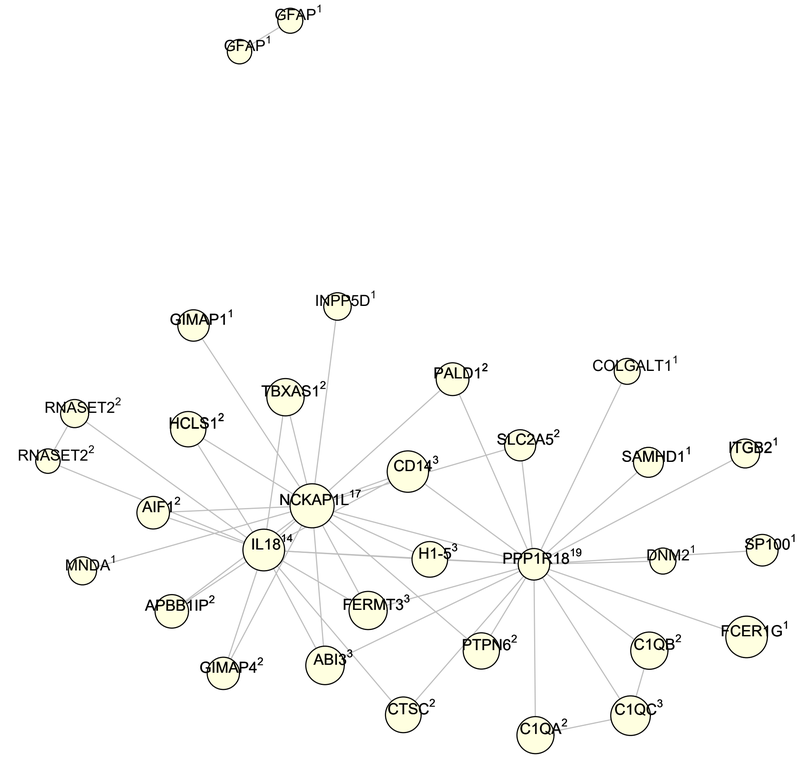

M19 lightyellow
T-test p = 0.28
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

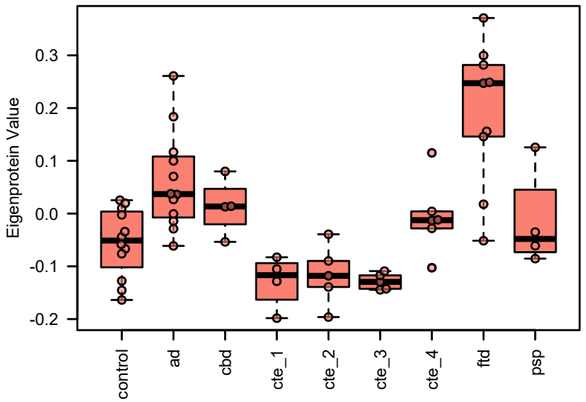

bicor=-0.068, p=0.6
cor=-0.1, p=0.44
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

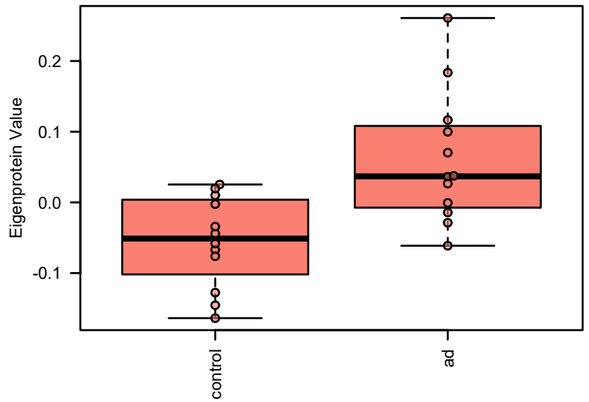

bicor=0.14, p=0.29
cor=0.11, p=0.4
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

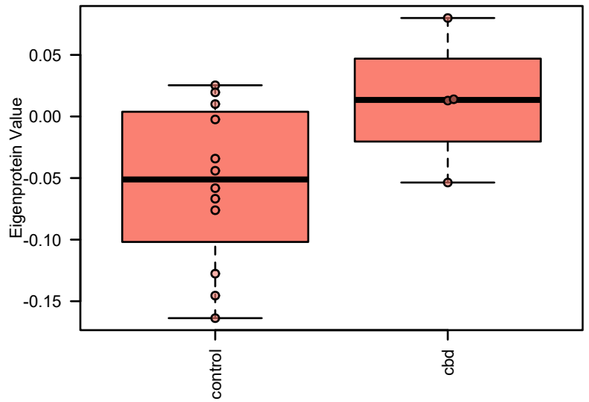

bicor=0.07, p=0.59
cor=-0.039, p=0.77
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

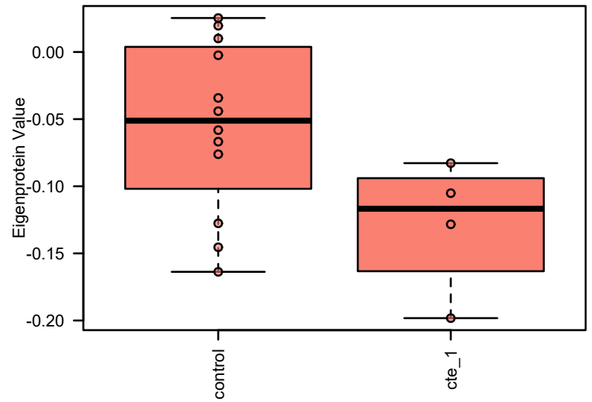

M19 lightyellow module
WDR81
RPS9
GIMAP1
HLA-B
PPP1R18
SLC2A5
SP100
SAMHD1
GIMAP4
CD74
AIF1
ITGB2
PALD1
TYMP
APBB1IP
RNASET2
HCLS1
MNDA
CD14
FCER1G
H1-5
C1QC
IL18
H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3C10; H3C11; H3C12
CTSC
WDR24
F13A1
ABI3
NCKAP1L
PTPN6
RPL7
INPP5D
FERMT3
C1QA
GFAP
CMFG
TBXAS1
C1QB
B2M
SCAMP2
AMZ2
DNM2
FCGBP
LYVE1
PLXNB3
COLGALT1
CNS
PDLIM1
ERAP1
MICAL1
FADS2
PECAM1
ALOX5AP
CD34
RNASET2
GFAP

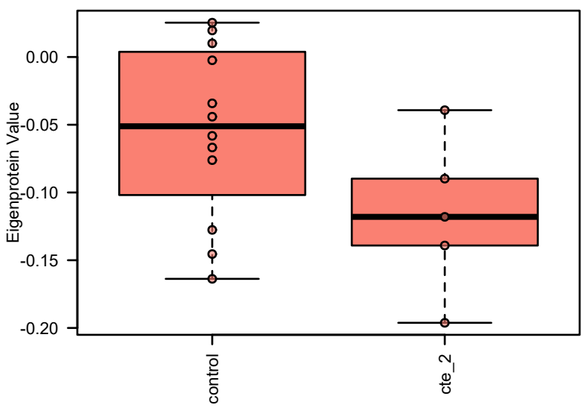

M19 lightyellow module hubs connected by top 102 TOM edges: HUB^degree
GFAP^1
GFAP^1
INPP5D^1
GIMAP1^1
PALD1^2
COLGALT1^1
TBXAS1^2
RNASET2^2
HCLS1^2
SLC2A5^2
RNASET2^2
CD14^3
SAMHD1^1
ITGB2^1
AIF1^2
NCKAP1L^17
IL18^14
H1-5^3
PPP1R18^19
DNM2^1
SP100^1
MNDA^1
APBB1IP^2
FERMT3^3
FCER1G^1
PTPN6^2
C1QB^2
GIMAP4^2
ABI3^3
CTSC^2
C1QC^3
C1QA^2

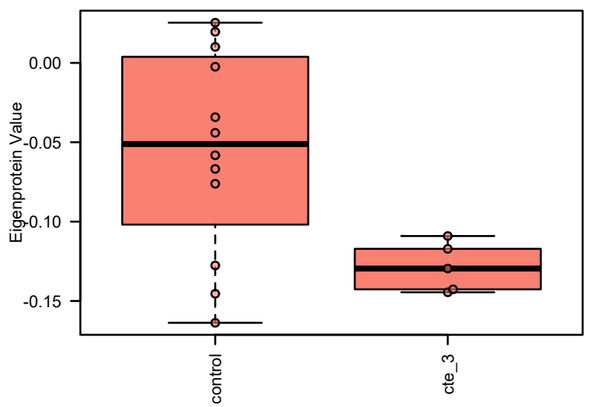

M13 salmon
1-way AOV p = 7.4e-09
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

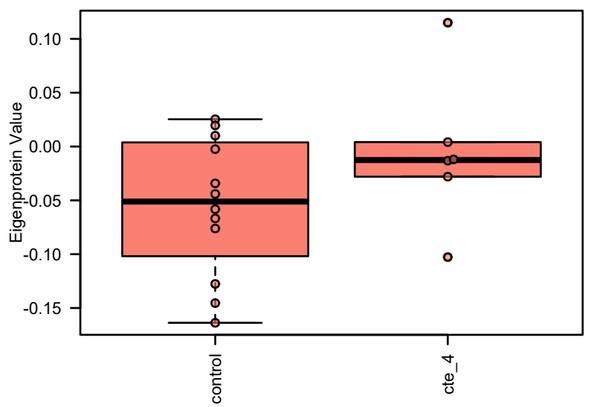

M13 salmon
T-test p = 0.0018
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

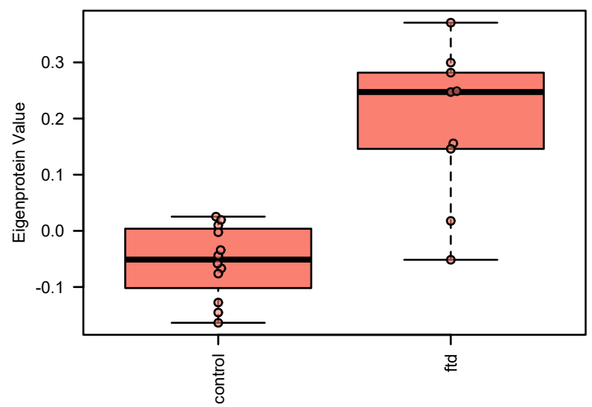

M13 salmon
T-test p = 0.077
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

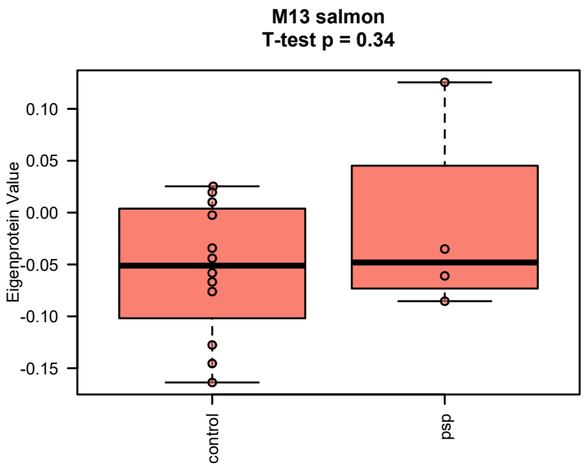

M13 salmon
T-test p = 0.058
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_1

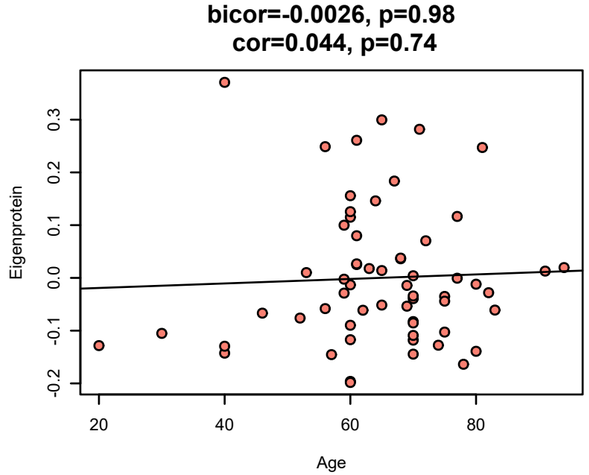

M13 salmon
T-test p = 0.087
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_2

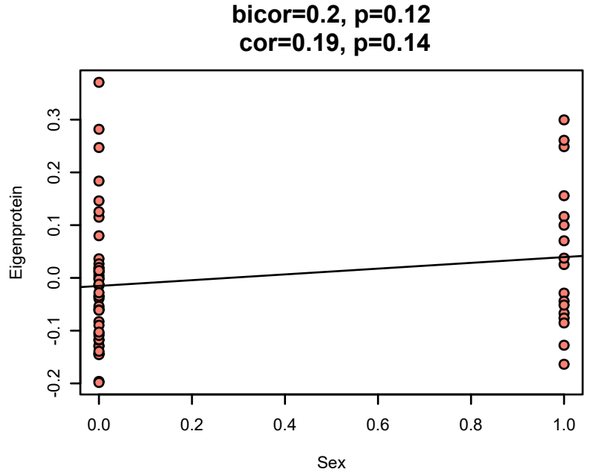

M13 salmon
T-test p = 0.026
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
control
cte_3

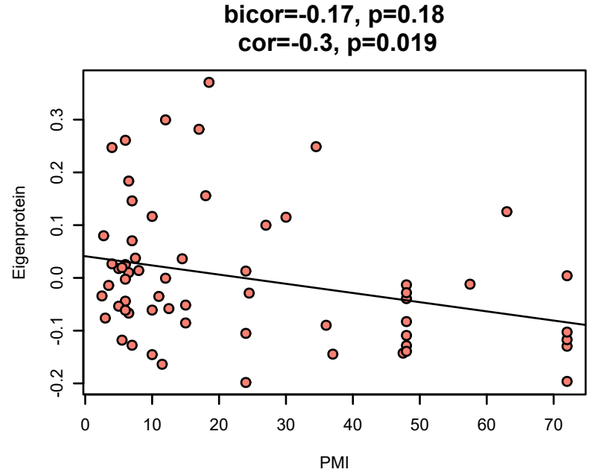

M13 salmon
T-test p = 0.16
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4


M13 salmon
T-test p = 2.7e-05
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

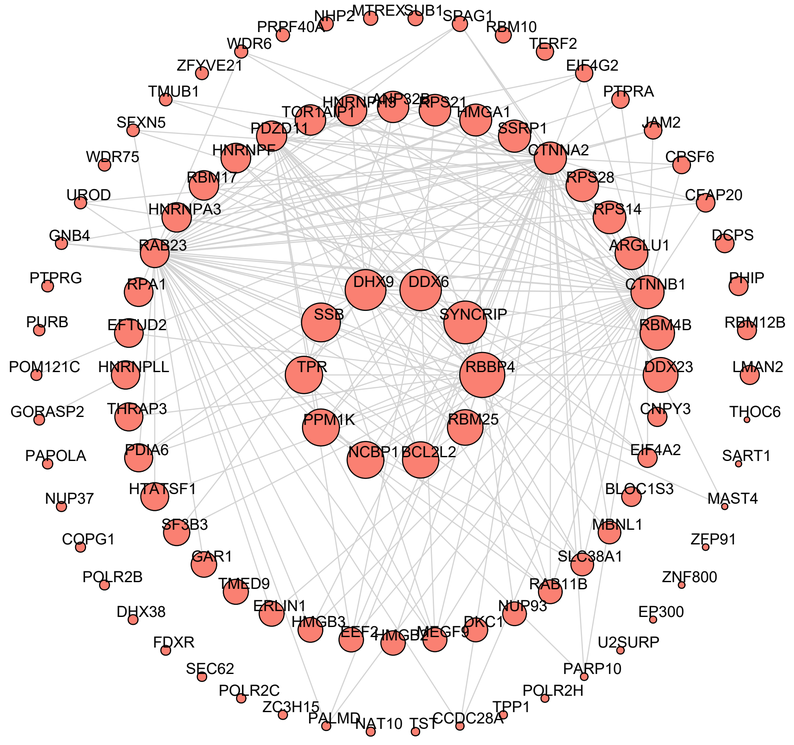

M13 salmon
T-test p = 0.34
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
psp


bicor=-0.0026, p=0.98
cor=0.044, p=0.74
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

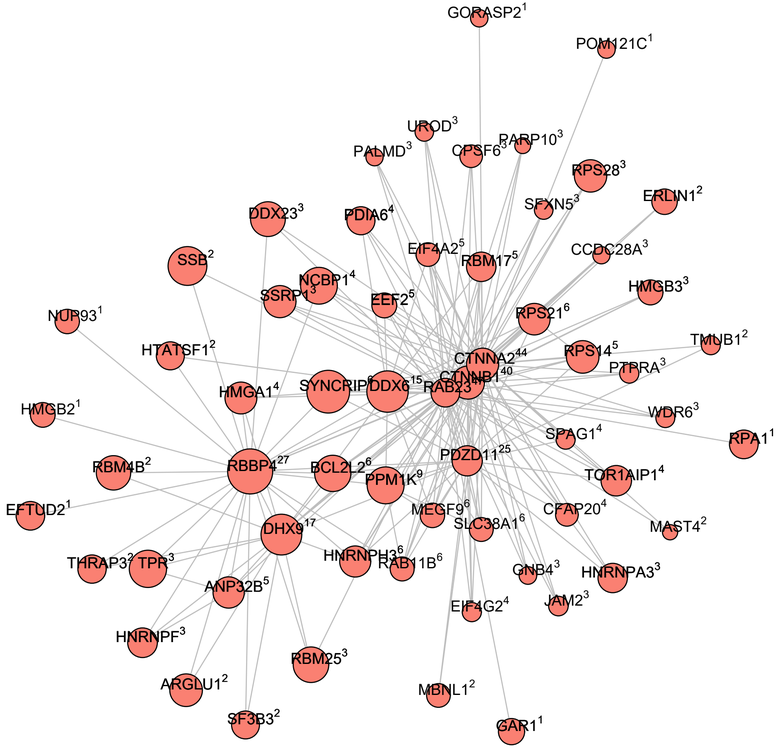

bicor=0.2, p=0.12
cor=0.19, p=0.14
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

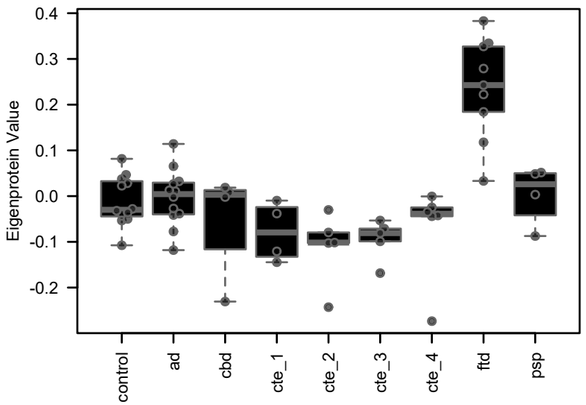

bicor=-0.17, p=0.18
cor=-0.3, p=0.019
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

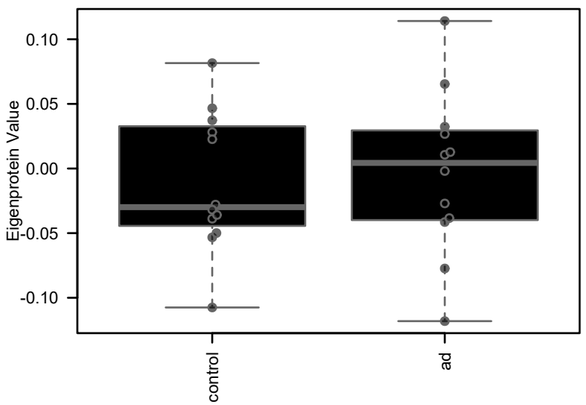
M13 salmon module

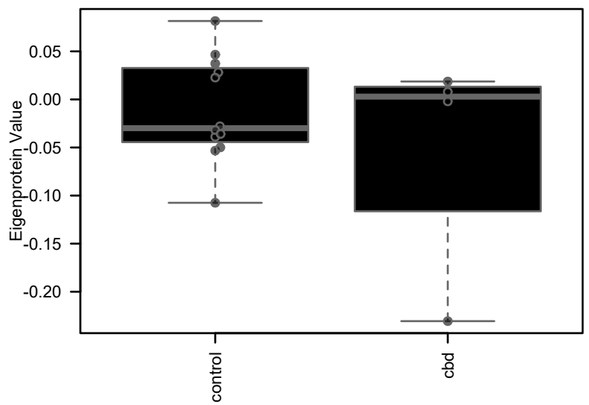


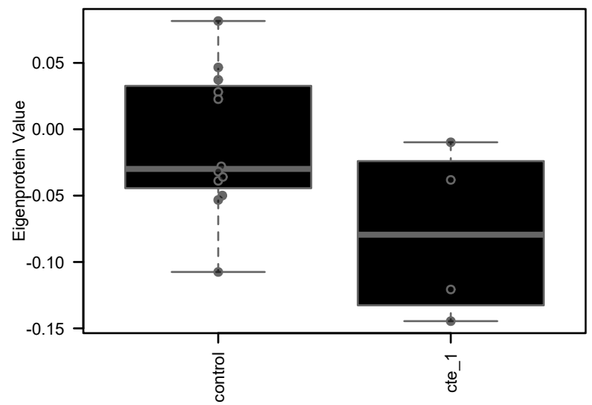
M13 salmon module hubs connected by top 400 TOM edges: HUB^{degree}

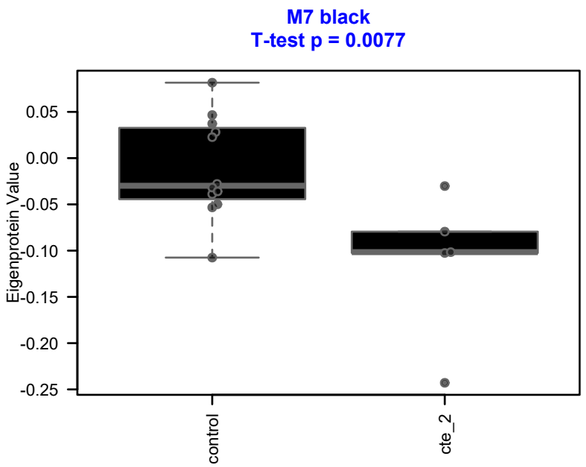


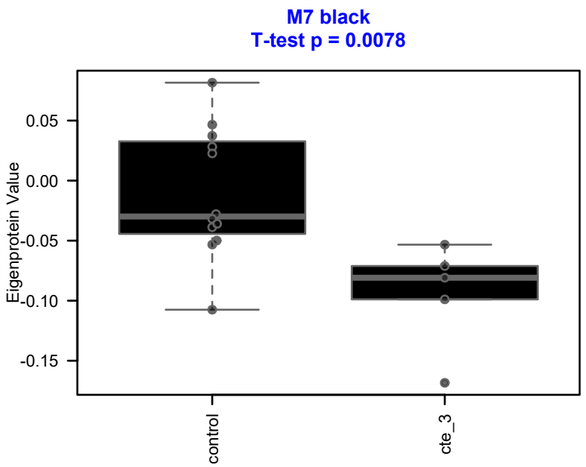

M7 black
1-way AOV p = 2.6e-10
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

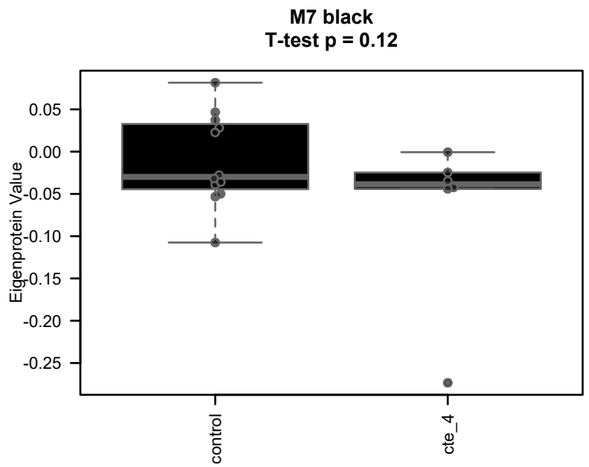

M7 black
T-test p = 0.76
Eigenprotein Value
control
ad

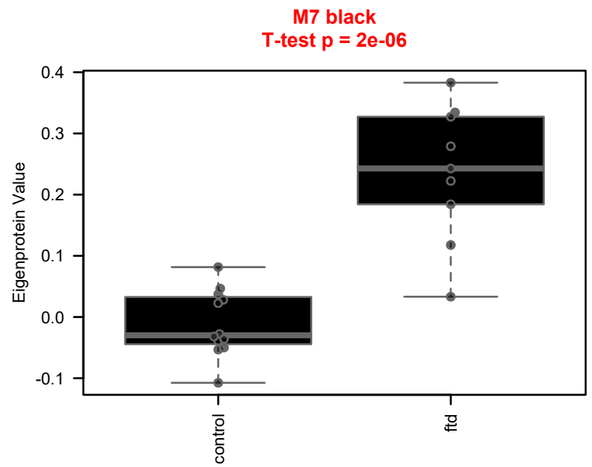

M7 black
T-test p = 0.35
Eigenprotein Value
control
cbd

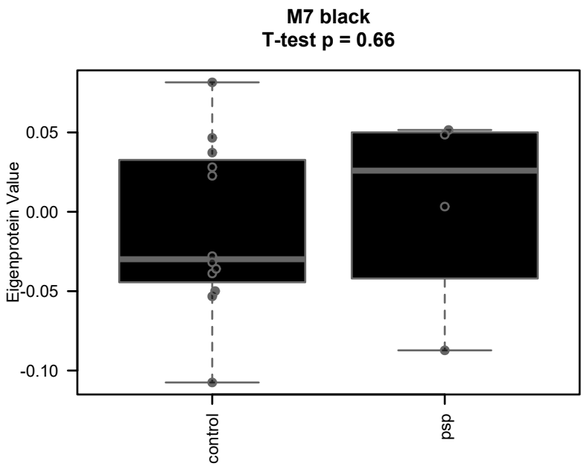

M7 black
T-test p = 0.056
Eigenprotein Value
control
cte_1

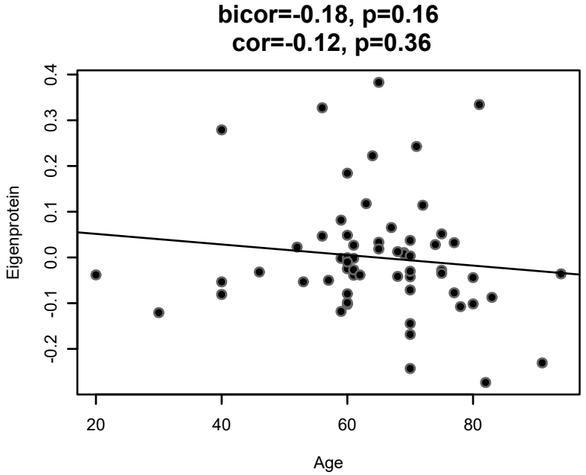

M7 black
T-test p = 0.0077
Eigenprotein Value
control
cte_2

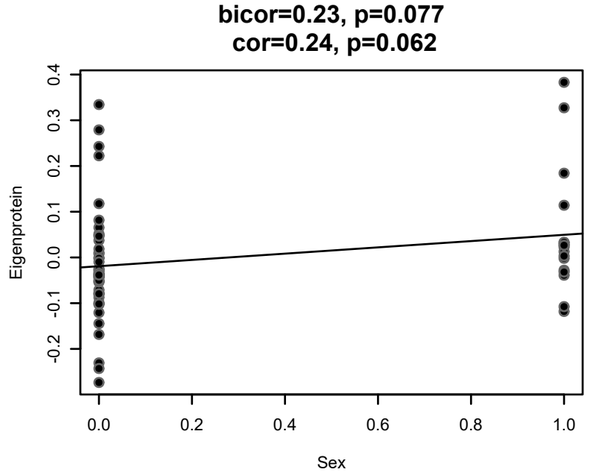

M7 black
T-test p = 0.0078
Eigenprotein Value
control
cte_3

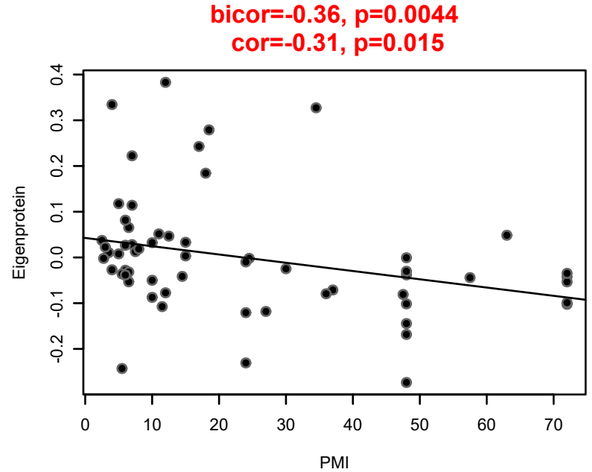

M7 black
T-test p = 0.12
Eigenprotein Value
control
cte_4


M7 black
T-test p = 2e-06
Eigenprotein Value
control
ftd

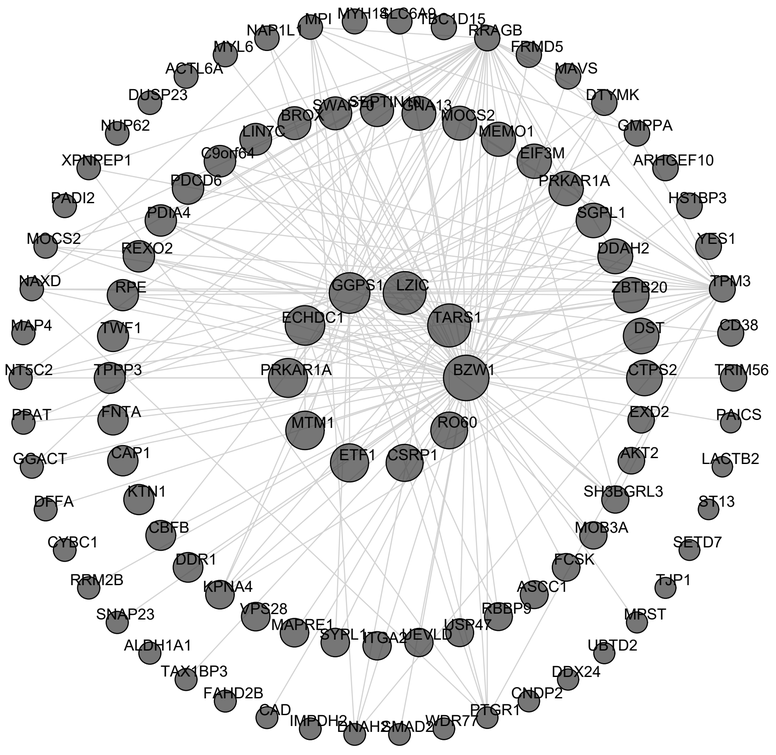

M7 black
T-test p = 0.66
Eigenprotein Value
control
psp


bicor=-0.18, p=0.16
cor=-0.12, p=0.36
Eigenprotein
Age

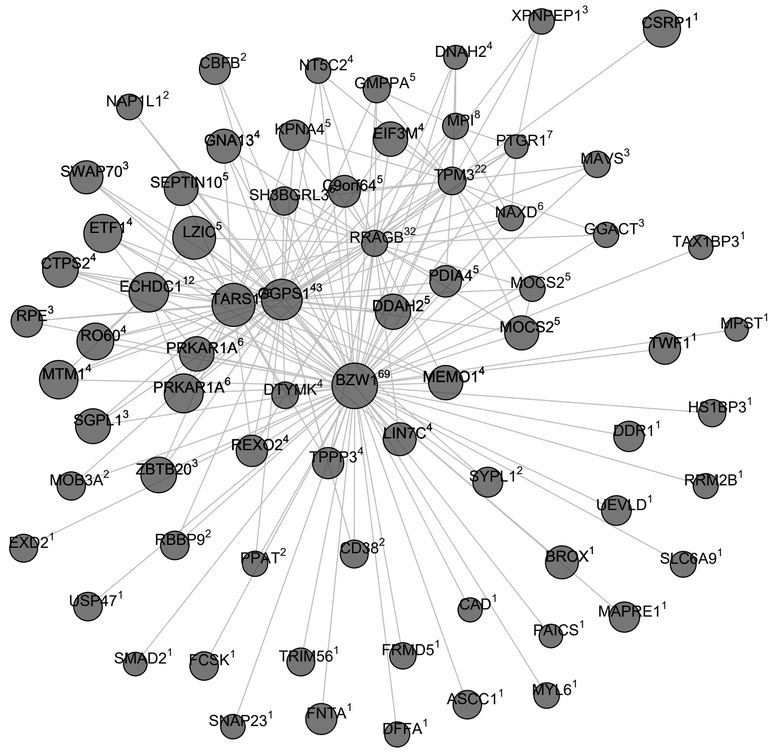

bicor=0.23, p=0.077
cor=0.24, p=0.062
Eigenprotein
Sex

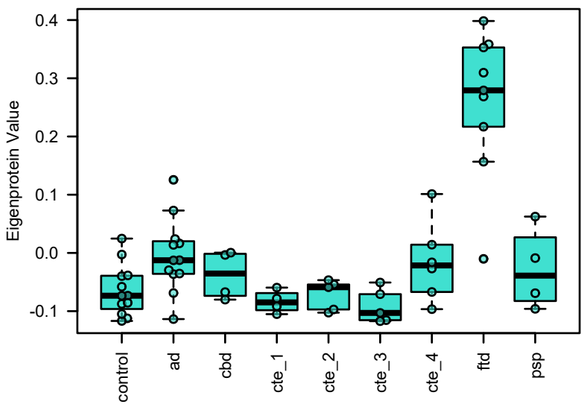

bicor=-0.36, p=0.0044
cor=-0.31, p=0.015
Eigenprotein
PMI

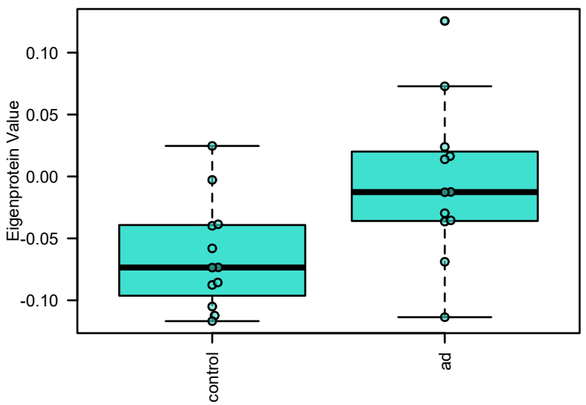
M7 black module

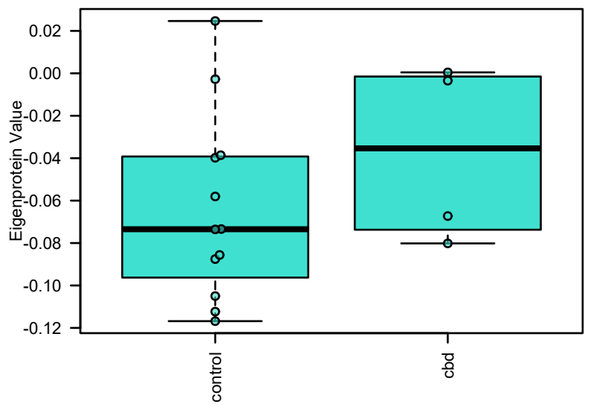


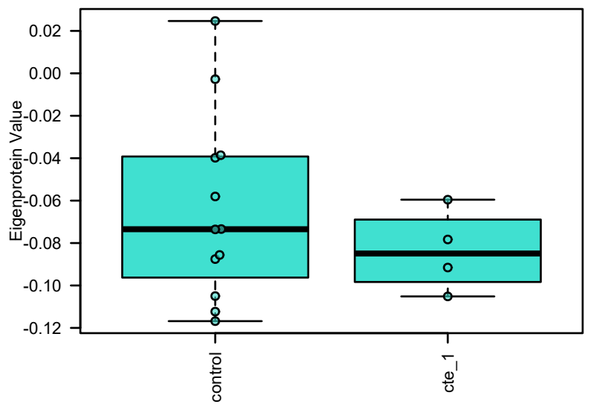
M7 black module hubs connected by top 400 TOM edges: HUB^{degree}

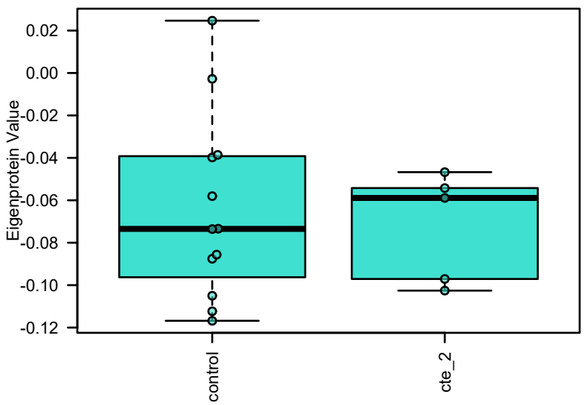


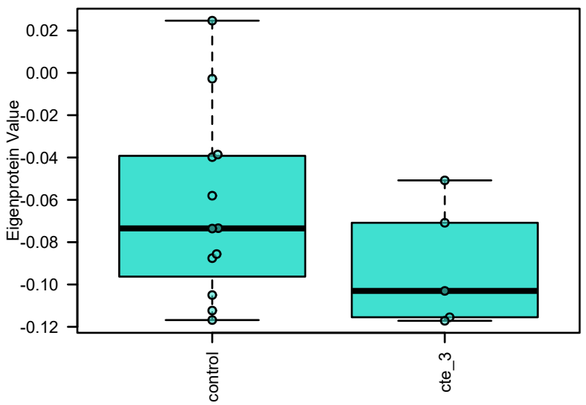

M1 turquoise
1-way AOV p = 1.5e-13
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

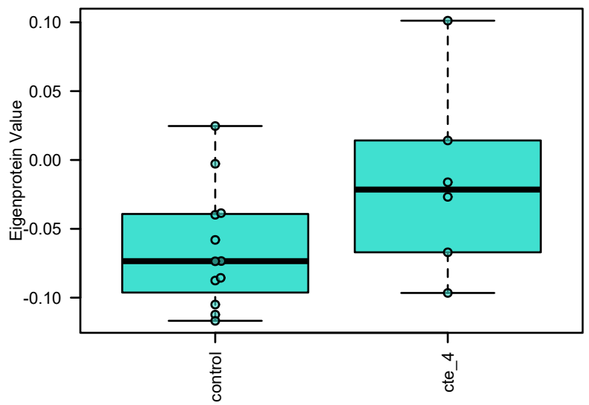

M1 turquoise
T-test p = 0.013
Eigenprotein Value
control
ad

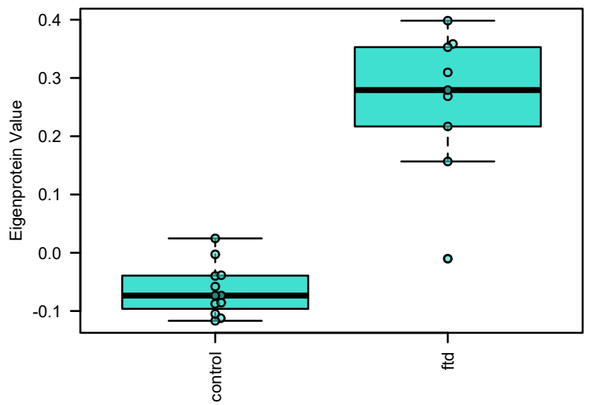

M1 turquoise
T-test p = 0.31
Eigenprotein Value
control
cbd

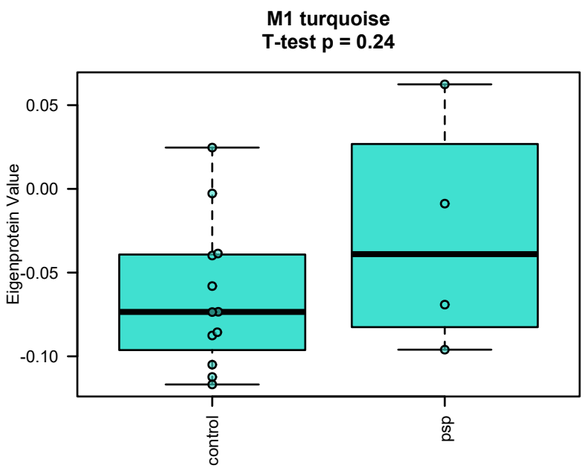

M1 turquoise
T-test p = 0.41
Eigenprotein Value
control
cte_1

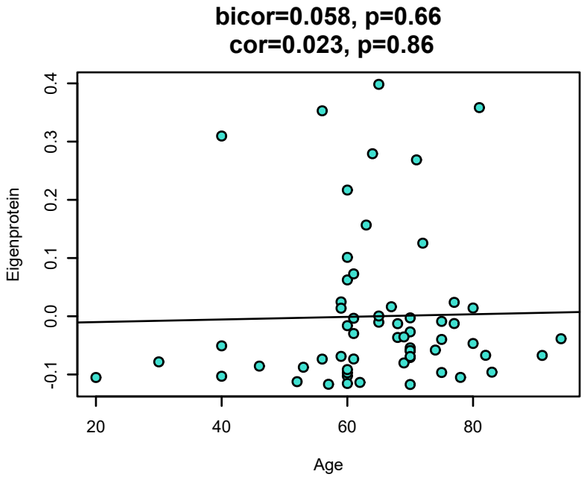

M1 turquoise
T-test p = 0.72
Eigenprotein Value
control
cte_2

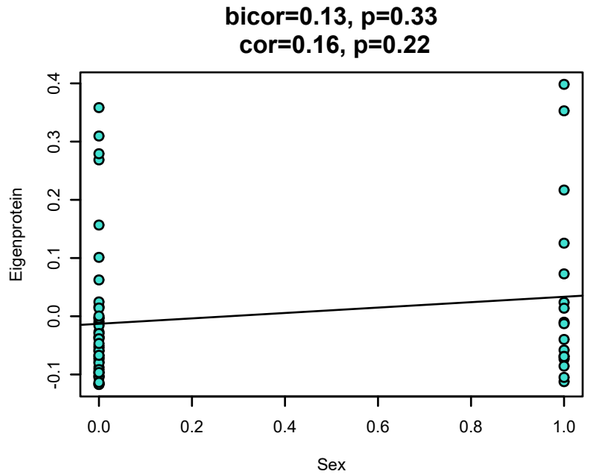

M1 turquoise
T-test p = 0.22
Eigenprotein Value
control
cte_3

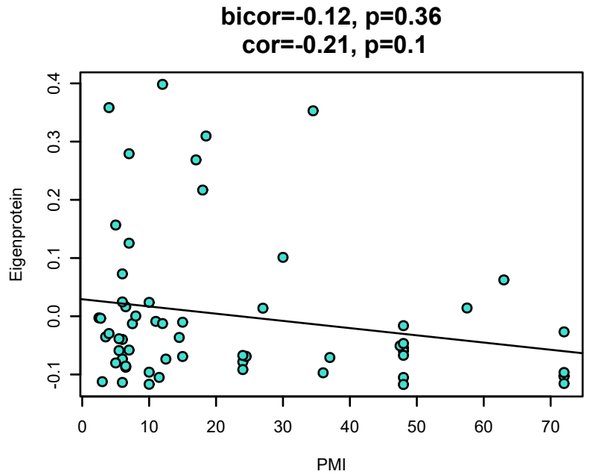

M1 turquoise
T-test p = 0.083
Eigenprotein Value
control
cte_4


M1 turquoise
T-test p = 9.1e-08
Eigenprotein Value
control
ftd

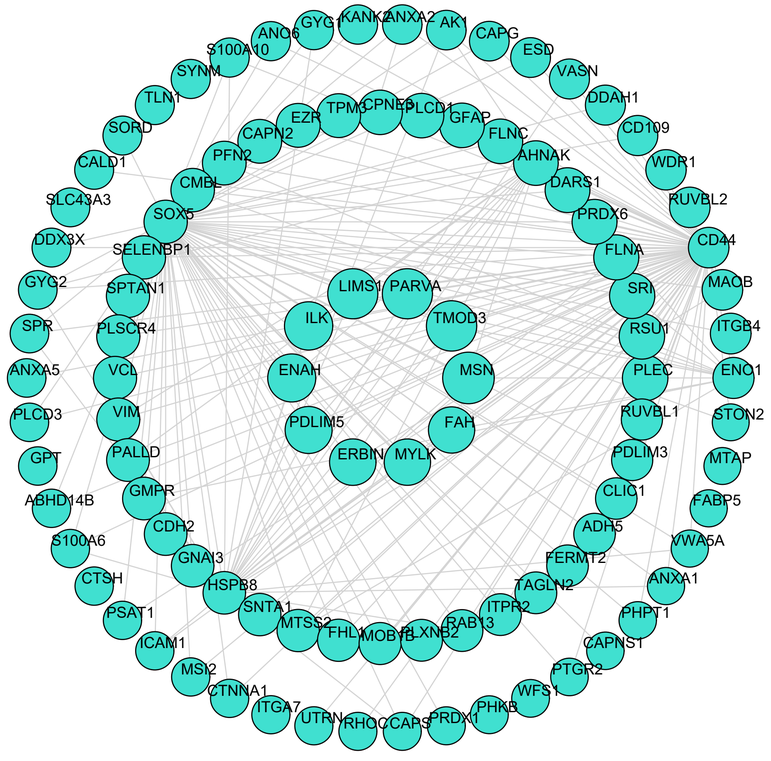

M1 turquoise
T-test p = 0.24
Eigenprotein Value
control
psp


bicor=0.058, p=0.66
cor=0.023, p=0.86
Eigenprotein
Age

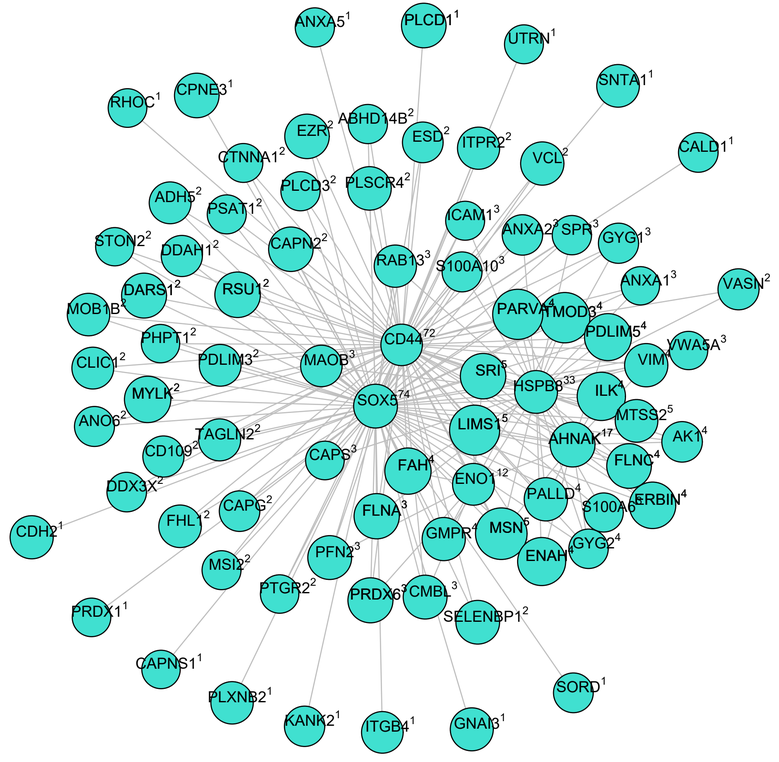

bicor=0.13, p=0.33
cor=0.16, p=0.22
Eigenprotein
Sex

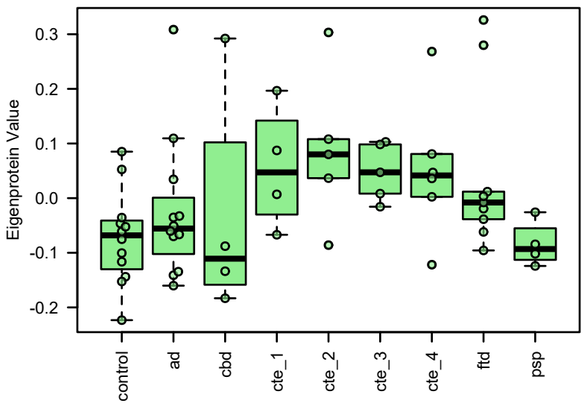

bicor=-0.12, p=0.36
cor=-0.21, p=0.1
Eigenprotein
PMI

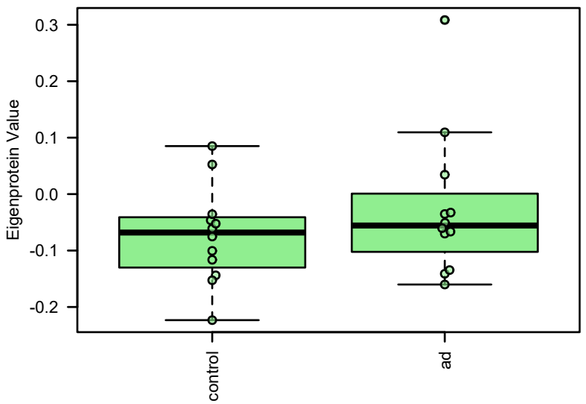
M1 turquoise module

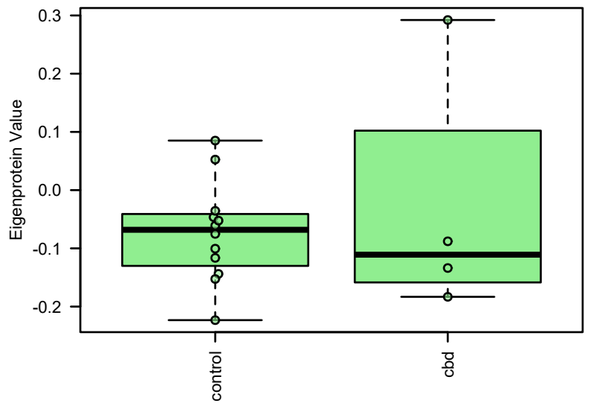


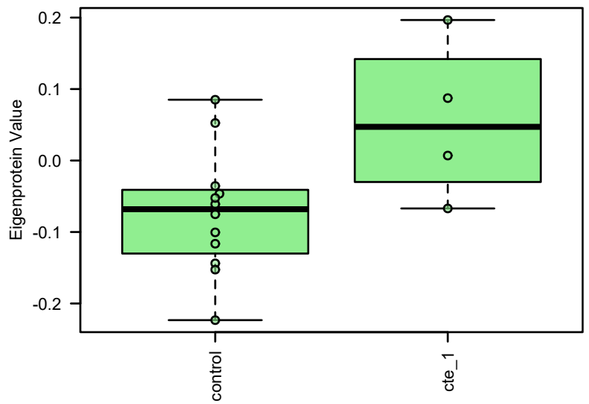
M1 turquoise module hubs connected by top 400 TOM edges: HUB^{degree}

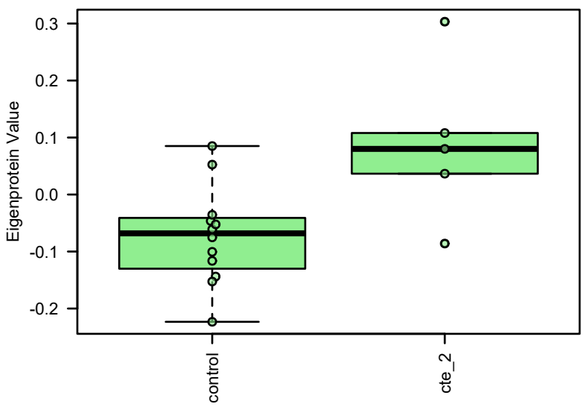


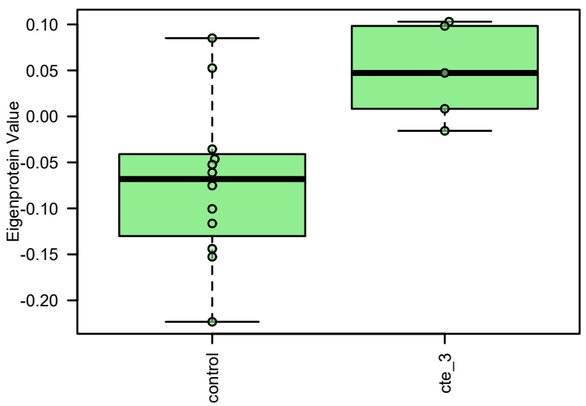

M18 lightgreen
1-way AOV p = 0.14
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

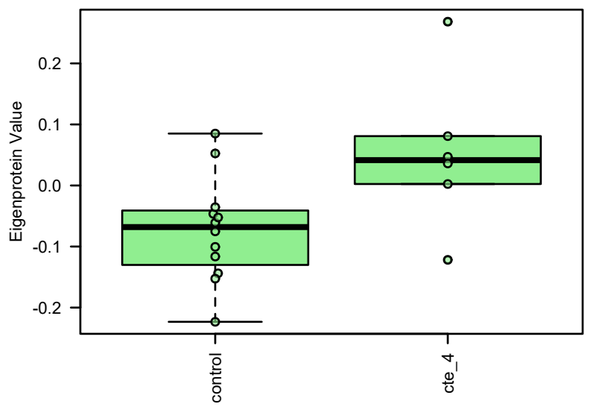

M18 lightgreen
T-test p = 0.3
Eigenprotein Value
control
ad

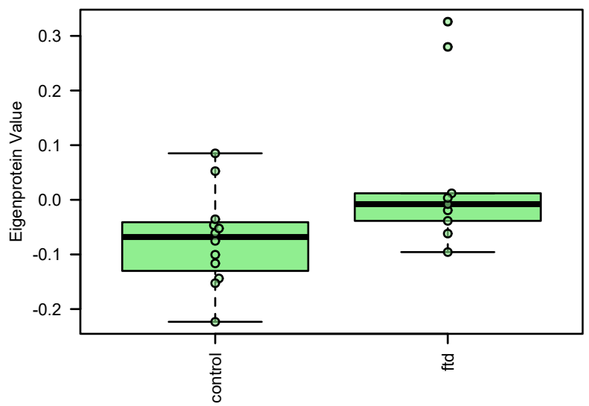

M18 lightgreen
T-test p = 0.55
Eigenprotein Value
control
cbd

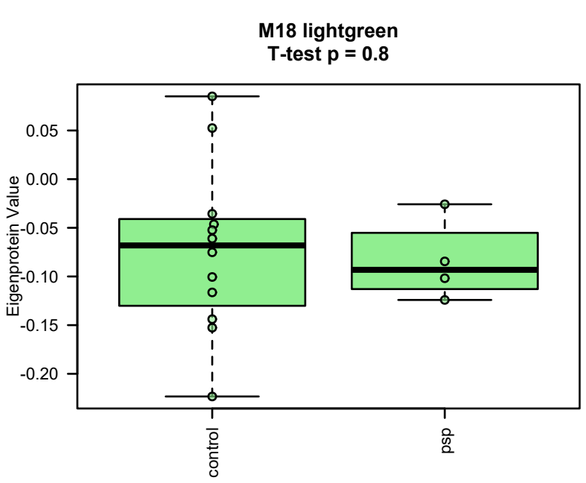

M18 lightgreen
T-test p = 0.03
Eigenprotein Value
control
cte_1

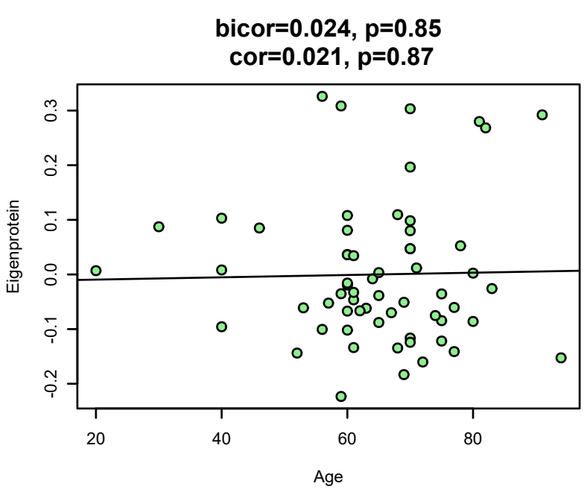

M18 lightgreen
T-test p = 0.01
Eigenprotein Value
control
cte_2

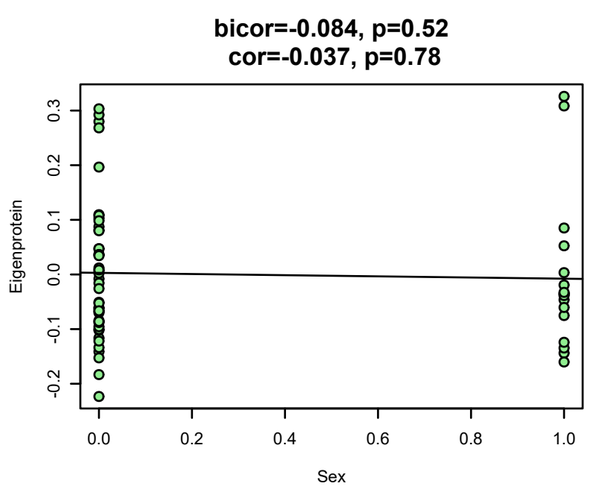

M18 lightgreen
T-test p = 0.011
Eigenprotein Value
control
cte_3

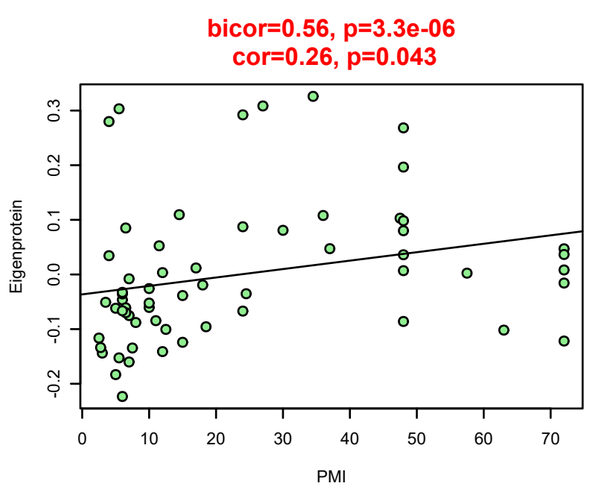

M18 lightgreen
T-test p = 0.024
Eigenprotein Value
control
cte_4

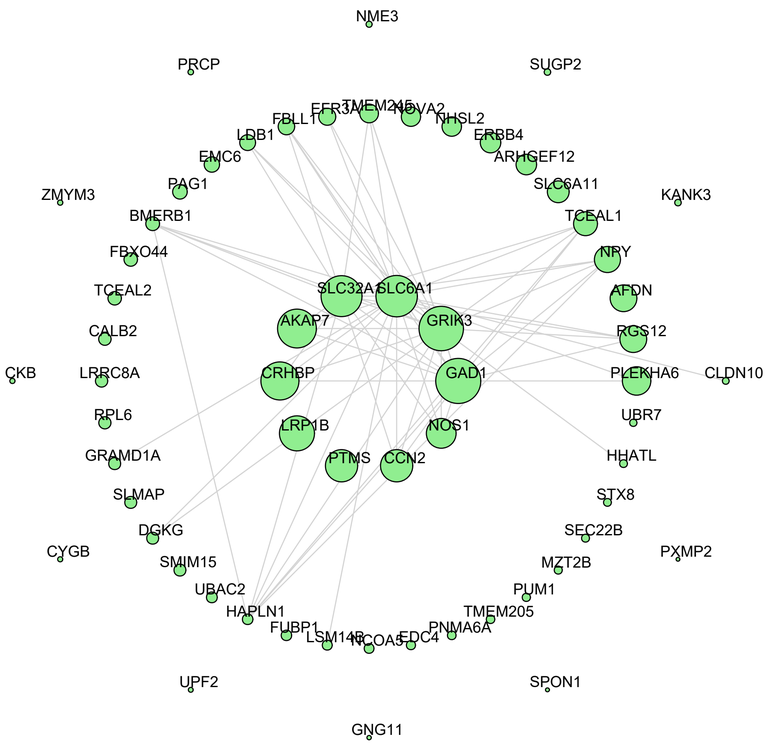

M18 lightgreen
T-test p = 0.036
Eigenprotein Value
control
ftd


M18 lightgreen
T-test p = 0.8
Eigenprotein Value
control
psp

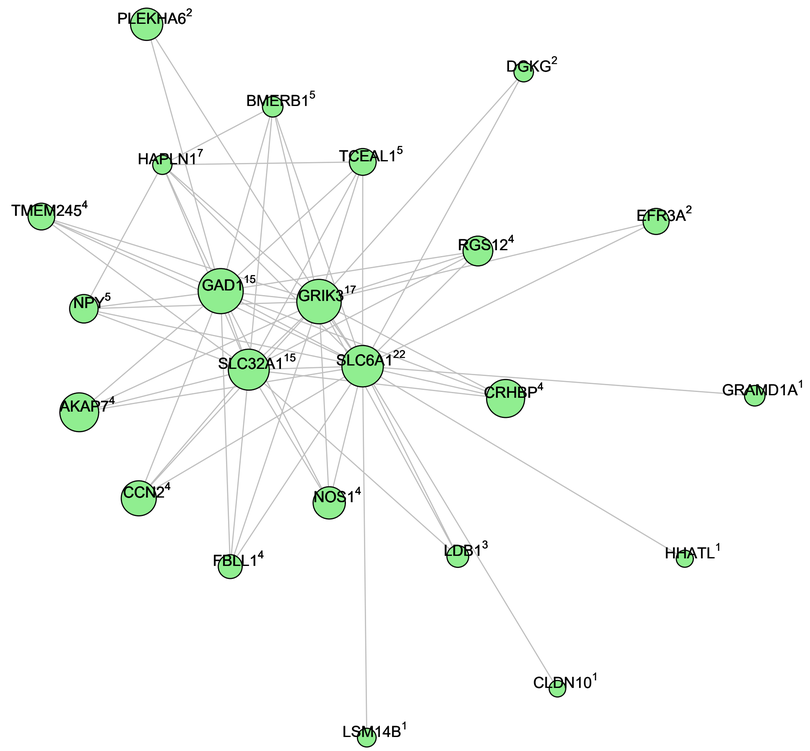

bicor=0.024, p=0.85
cor=0.021, p=0.87
Eigenprotein
Age

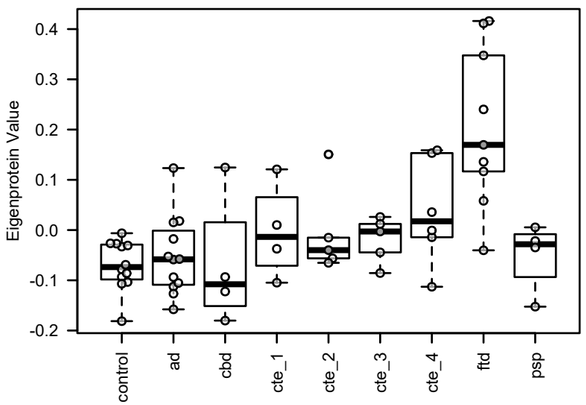

bicor=-0.084, p=0.52
cor=-0.037, p=0.78
Eigenprotein
Sex

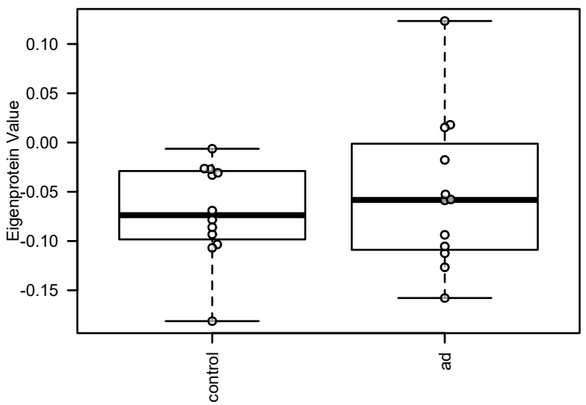

bicor=0.56, p=3.3e-06
cor=0.26, p=0.043
Eigenprotein
PMI

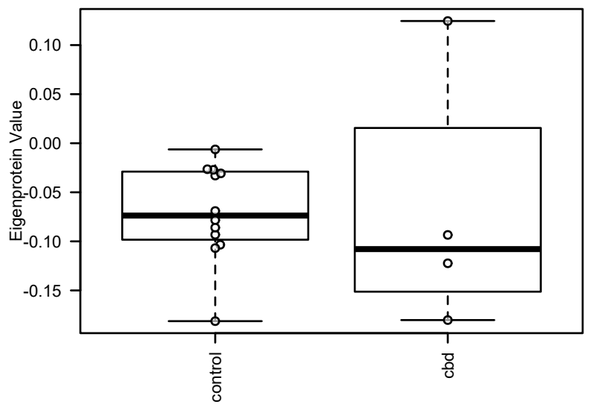


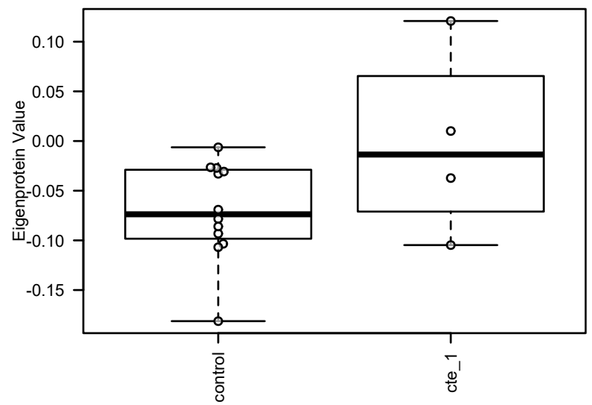
M18 lightgreen module hubs connected by top 132 TOM edges: HUB^{degree}

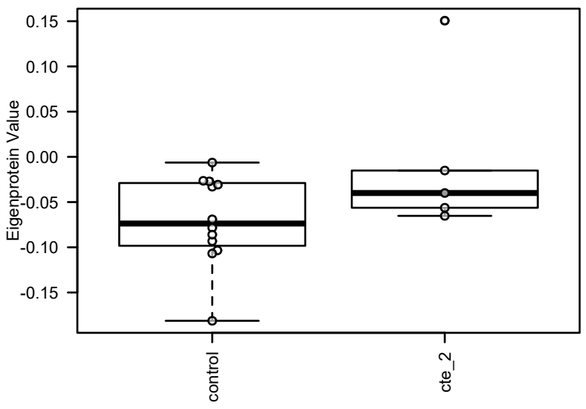


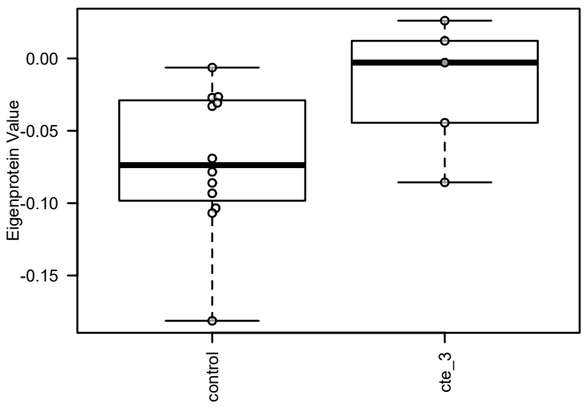

M27 white
1-way AOV p = 4.1e-06
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

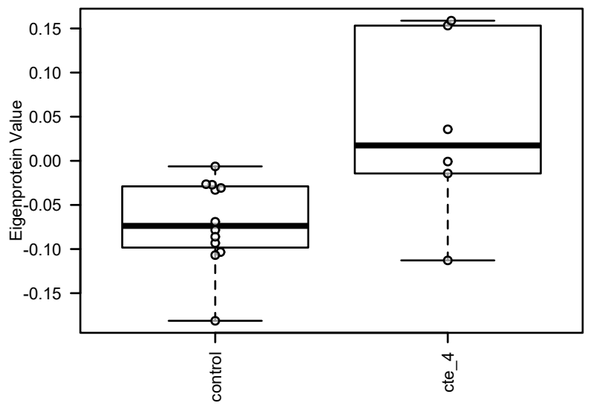

M27 white
T-test p = 0.51
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

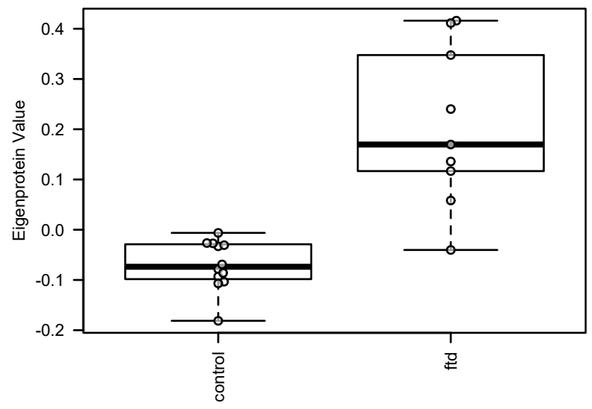

M27 white
T-test p = 0.96
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

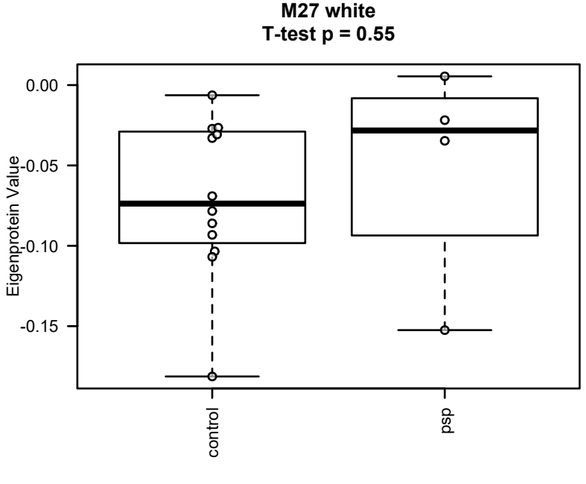

M27 white
T-test p = 0.08
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

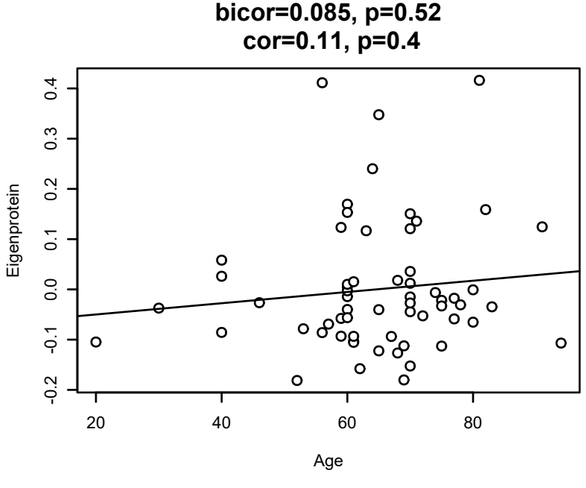

M27 white
T-test p = 0.069
ein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

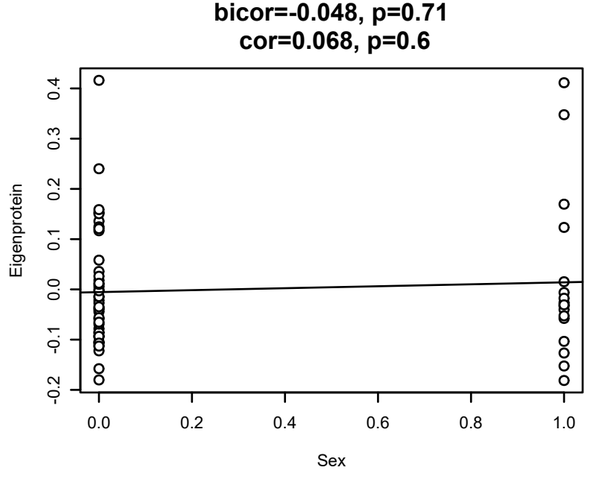

M27 white
T-test p = 0.064
ein Value
0.00
-0.05
-0.10
-0.15
control
cte_3

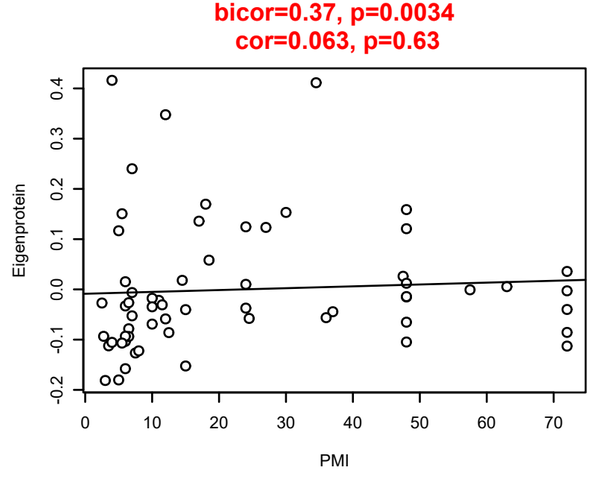

M27 white
T-test p = 0.0085
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

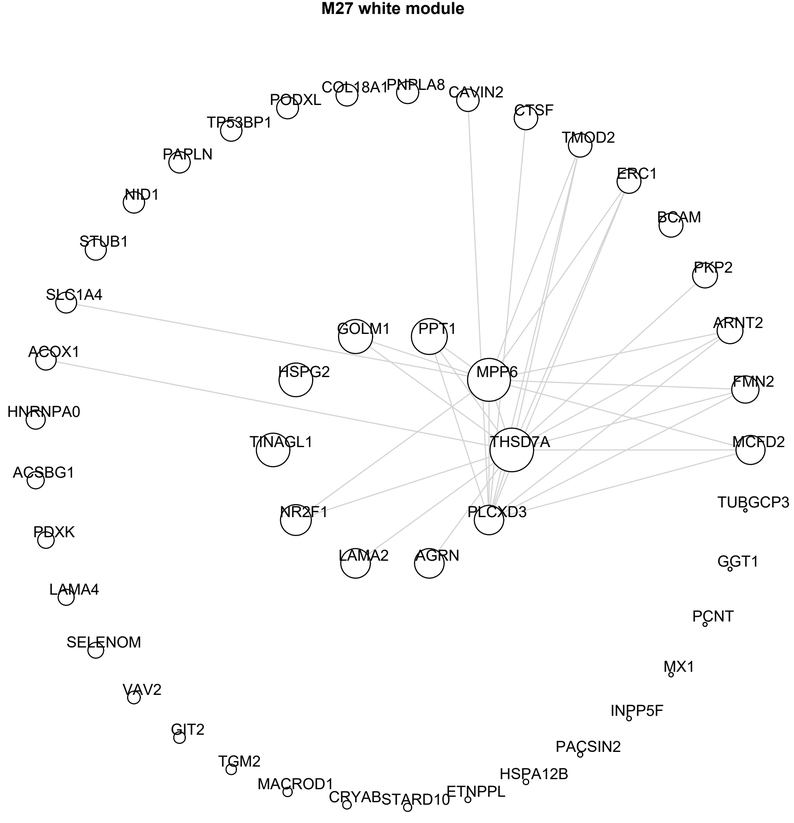

M27 white
T-test p = 1.8e-05
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

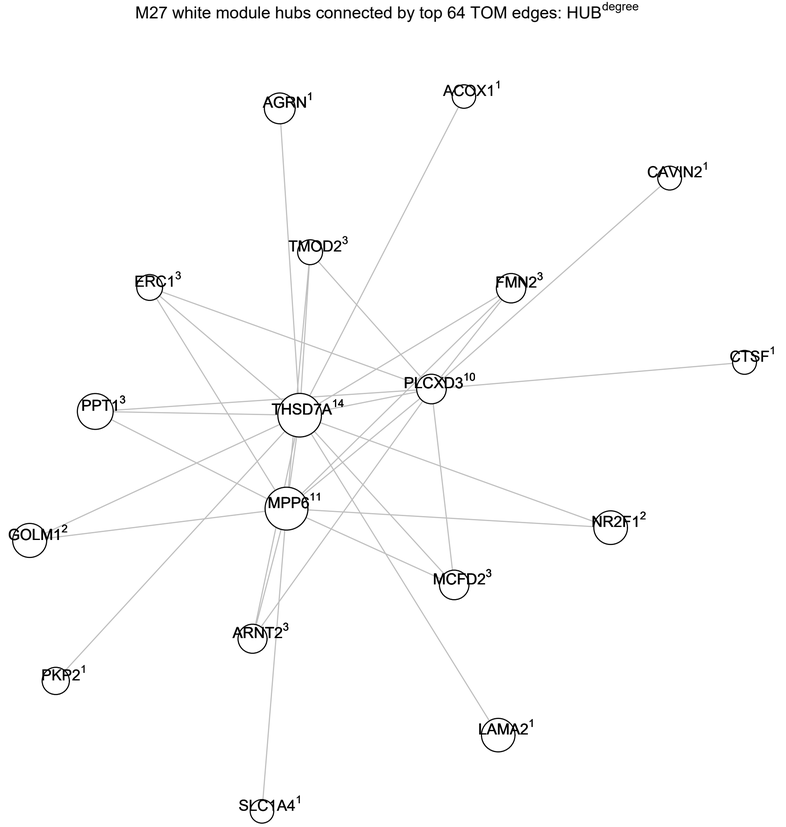

M27 white
T-test p = 0.55
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
control
psp

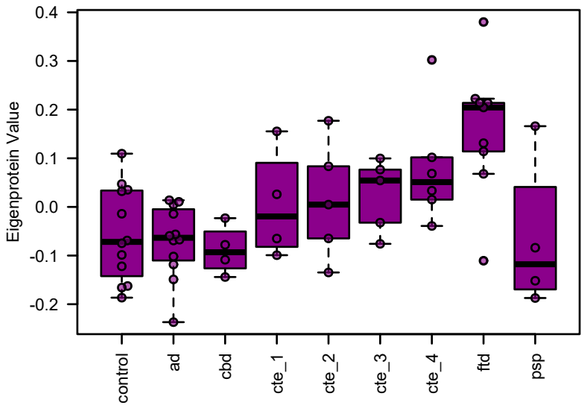

bicor=0.085, p=0.52
cor=0.11, p=0.4
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

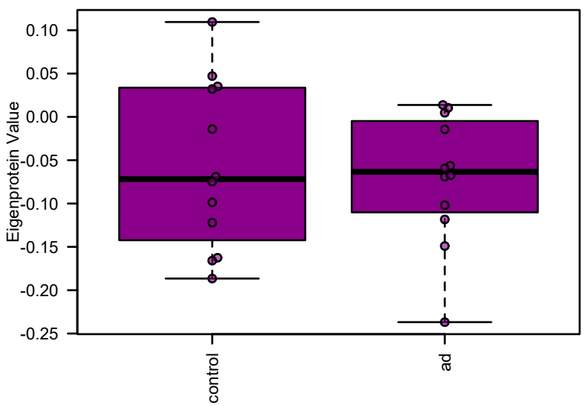

bicor=-0.048, p=0.71
cor=0.068, p=0.6
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

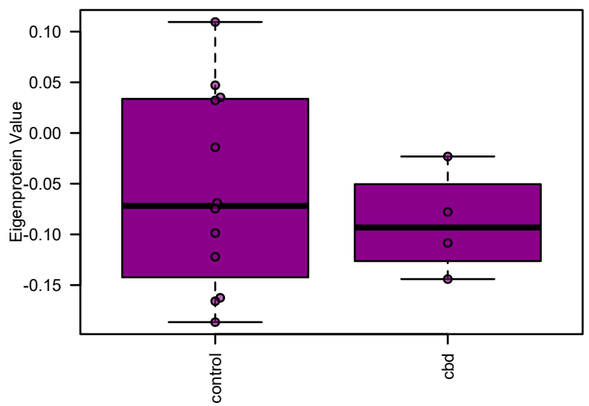

bicor=0.37, p=0.0034
cor=0.063, p=0.63
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

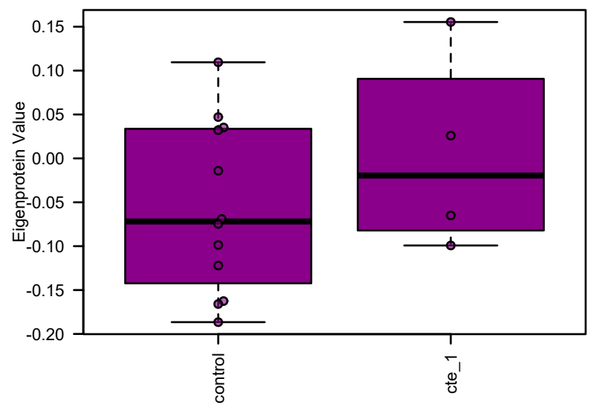

M27 white module
COL18A1
PNPLA8
CAVIN2
PODXL
CTSF
TP53BP1
TMOD2
PARLN
ERC1
NID1
BCAM
STUB1
PKP2
SLC1A4
GOLM1
PPT1
ARNT2
ACOX1
HSPG2
MPP6
FMN2
HNRNPA0
TMEM38A
THSD7A
MCFD2
ACSBG1
TUBGCP3
NR2F1
PLCXD3
PDXK
LAMA2
AGRN
GGT1
LAMA4
PCNT
SELENOM
MX1
VAV2
INPP5F
GIT2
PACSIN2
TGM2
HSPA12B
MACROD1
ETNPPL
CRYAB
STARD10

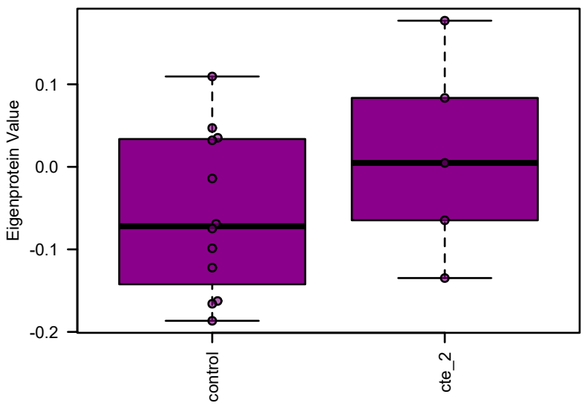

M27 white module hubs connected by top 64 TOM edges: HUB^degree
AGRN^1
ACOX1^1
CAVIN2^1
TMOD2^3
ERC1^3
FMN2^3
CTSF^1
PLCXD3^10
PPT1^3
THSD7A^14
MPP6^11
GOLM1^2
NR2F1^2
MCFD2^3
ARNT2^3
PKP2^1
LAMA2^1
SLC1A4^1

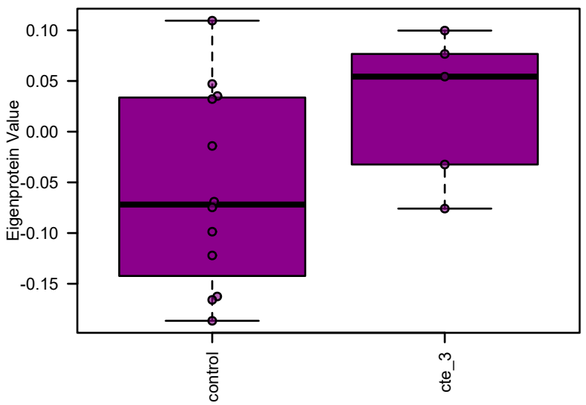

M34 darkmagenta
1-way AOV p = 0.00026
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

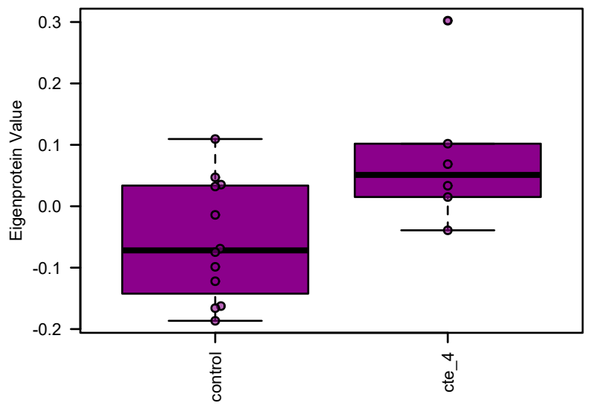

M34 darkmagenta
T-test p = 0.68
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
ad

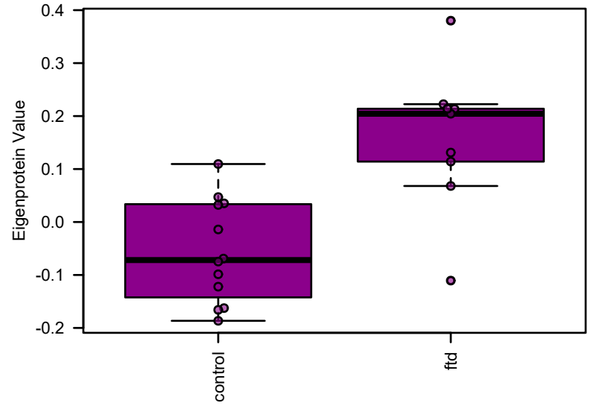

M34 darkmagenta
T-test p = 0.54
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

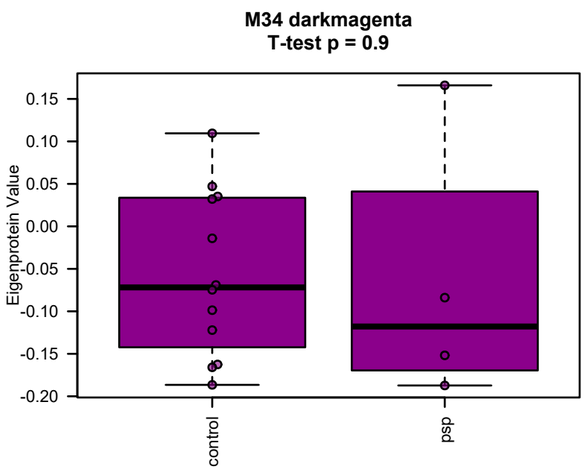

M34 darkmagenta
T-test p = 0.32
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_1

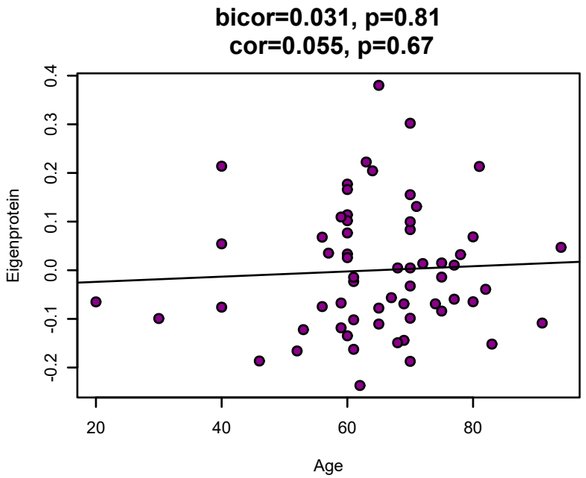

M34 darkmagenta
T-test p = 0.23
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_2

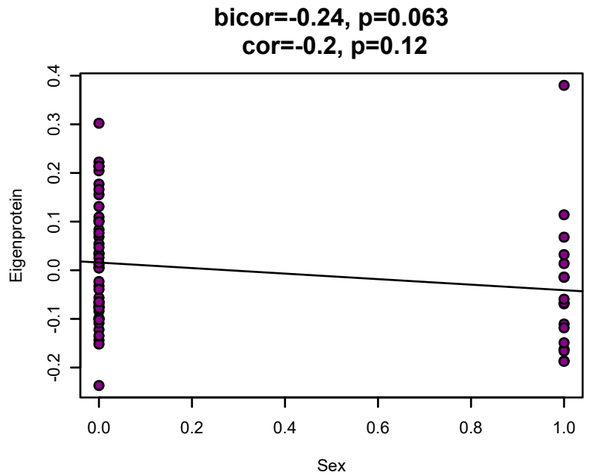

M34 darkmagenta
T-test p = 0.12
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

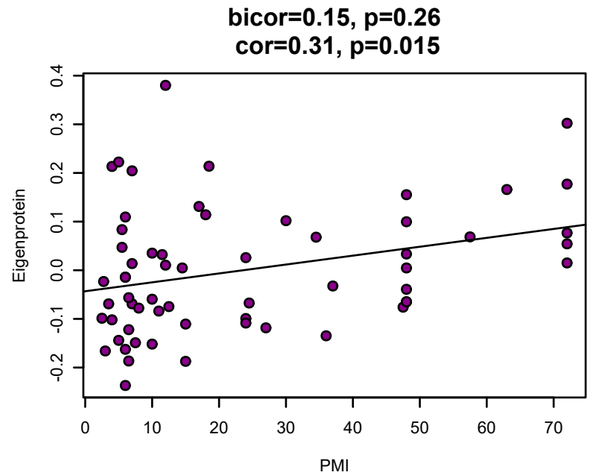

M34 darkmagenta
T-test p = 0.019
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

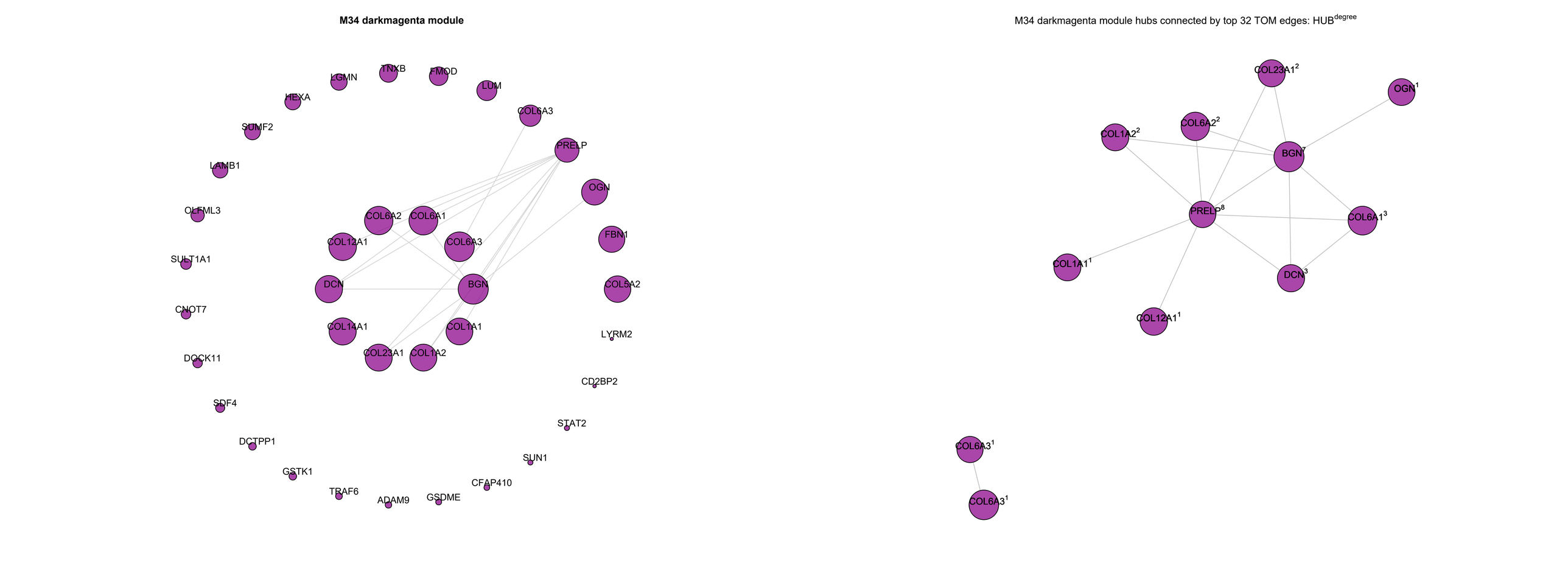

M34 darkmagenta
T-test p = 0.00041
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

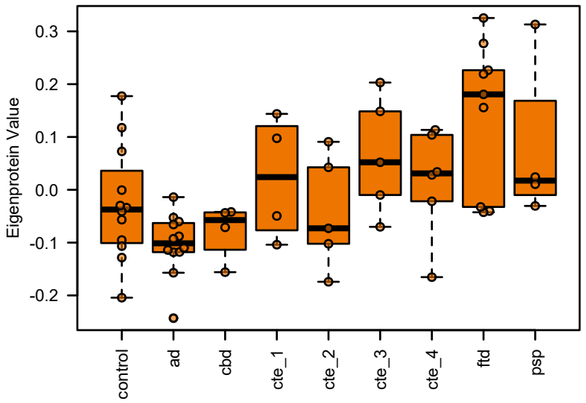

M34 darkmagenta
T-test p = 0.9
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
psp

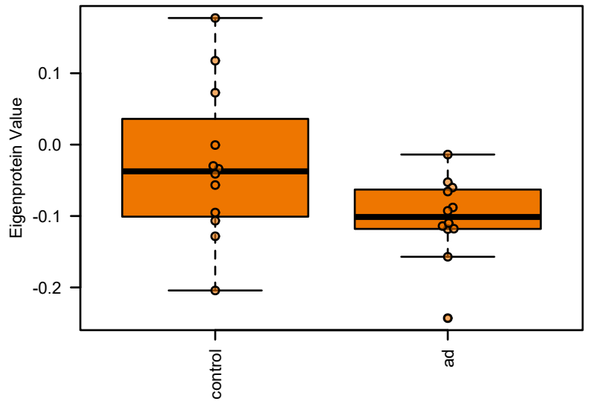

bicor=0.031, p=0.81
cor=0.055, p=0.67
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

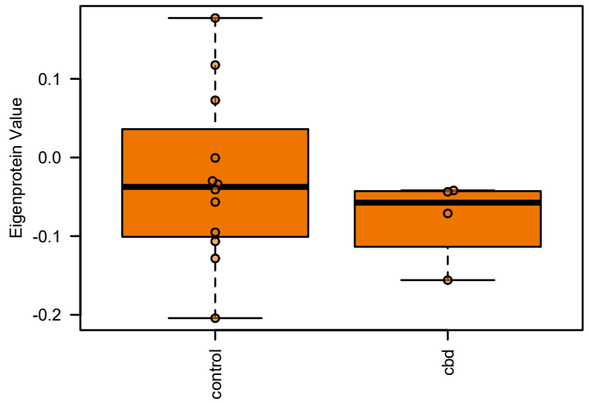

bicor=-0.24, p=0.063
cor=-0.2, p=0.12
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

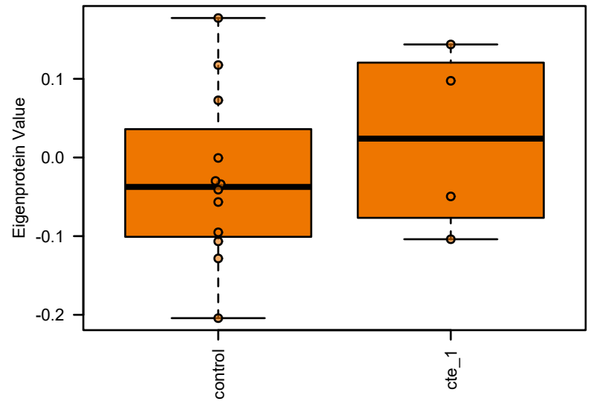

bicor=0.15, p=0.26
cor=0.31, p=0.015
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

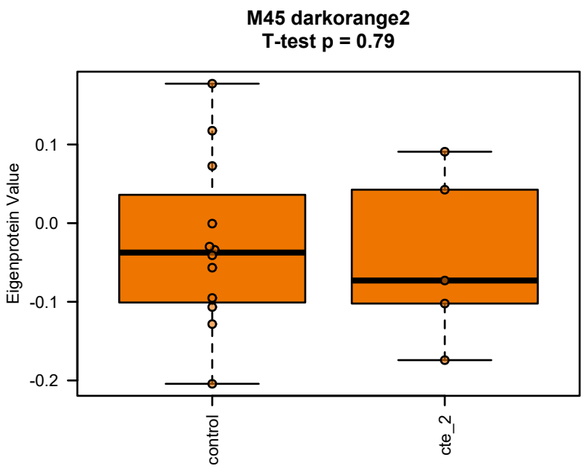

M34 darkmagenta module
TNXB
FMOD
LGMN
LUM
HEXA
COL6A3
SUMF2
PRELP
LAMB1
OGN
OLFML3
COL6A2
COL6A1
FBN1
COL12A1
COL6A3
SULT1A1
DCN
BGN
COL5A2
CNOT7
COL14A1
COL1A1
LYRM2
COL23A1
COL1A2
DOCK11
CD2BP2
SDF4
STAT2
DCTPP1
SUN1
GSTK1
CFAP410
TRAF6
ADAM9
GSDME
M34 darkmagenta module hubs connected by top 32 TOM edges: HUB degree
COL23A1 2
OGN 1
COL6A2 2
COL1A2 2
BGN 7
PRELP 8
COL6A1 3
COL1A1 1
DCN 3
COL12A1 1
COL6A3 1
COL6A3 1

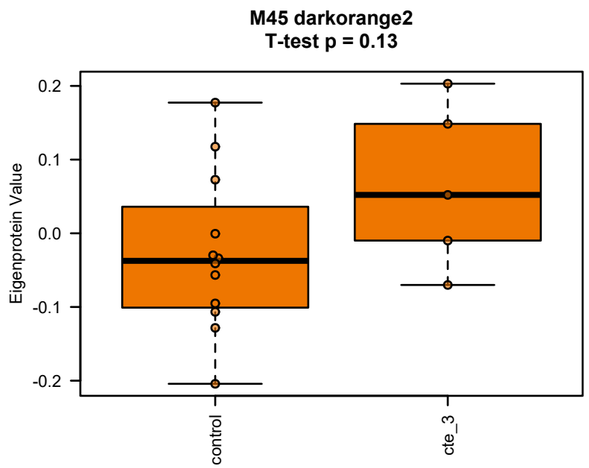

M45 darkorange2
1-way AOV p = 0.00051
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

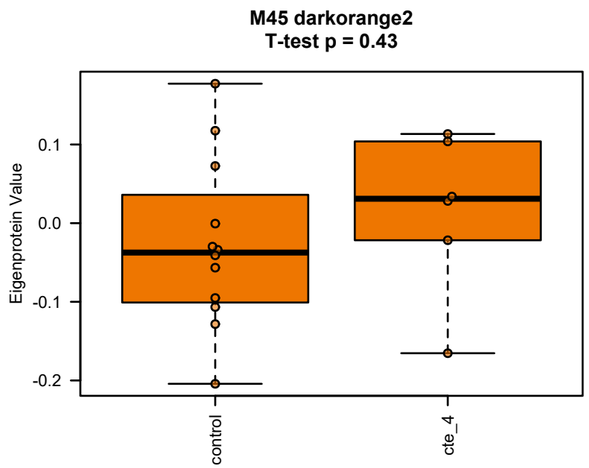

M45 darkorange2
T-test p = 0.044
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
ad

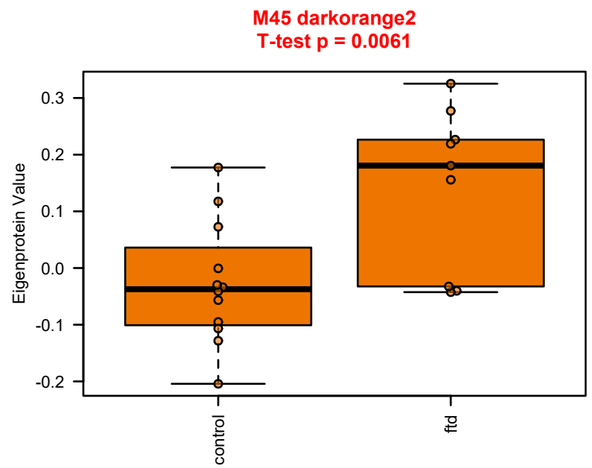

M45 darkorange2
T-test p = 0.39
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cbd

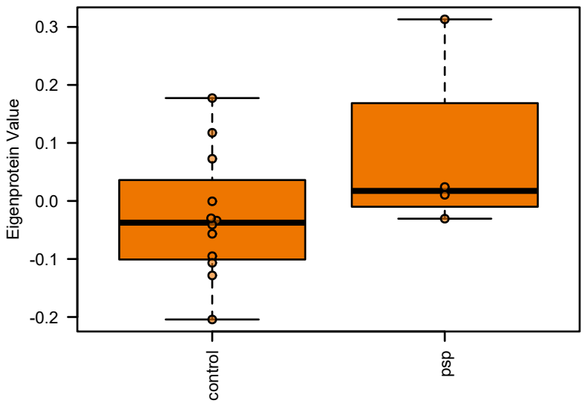

M45 darkorange2
T-test p = 0.45
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_1

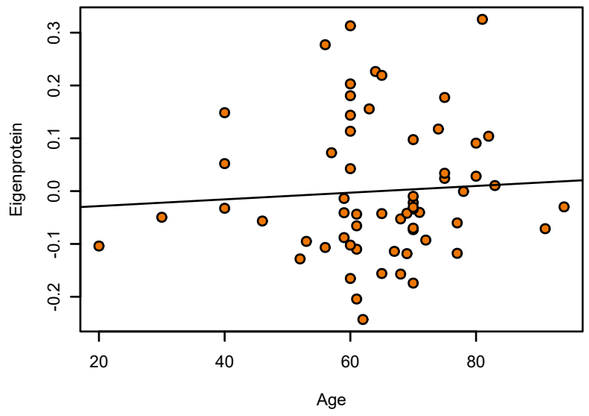

M45 darkorange2
T-test p = 0.79
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_2

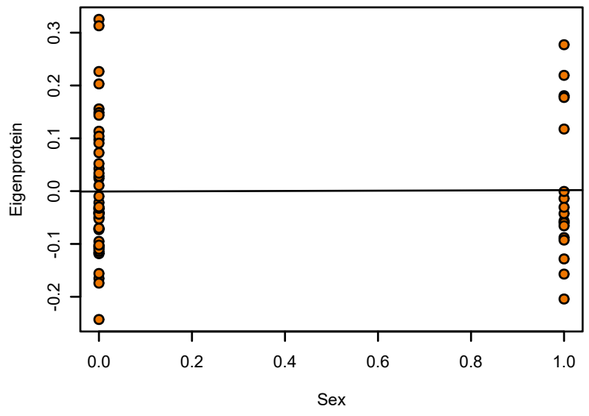

M45 darkorange2
T-test p = 0.13
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

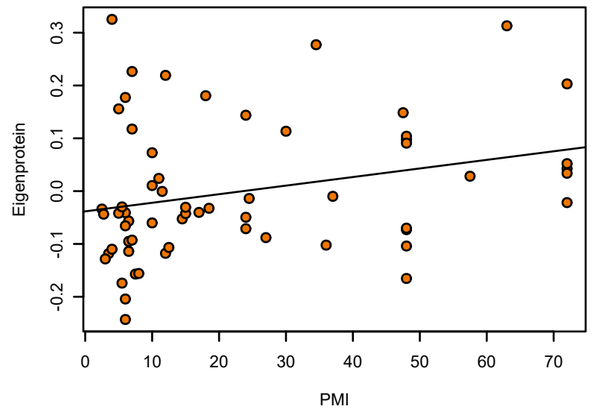

M45 darkorange2
T-test p = 0.43
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_4

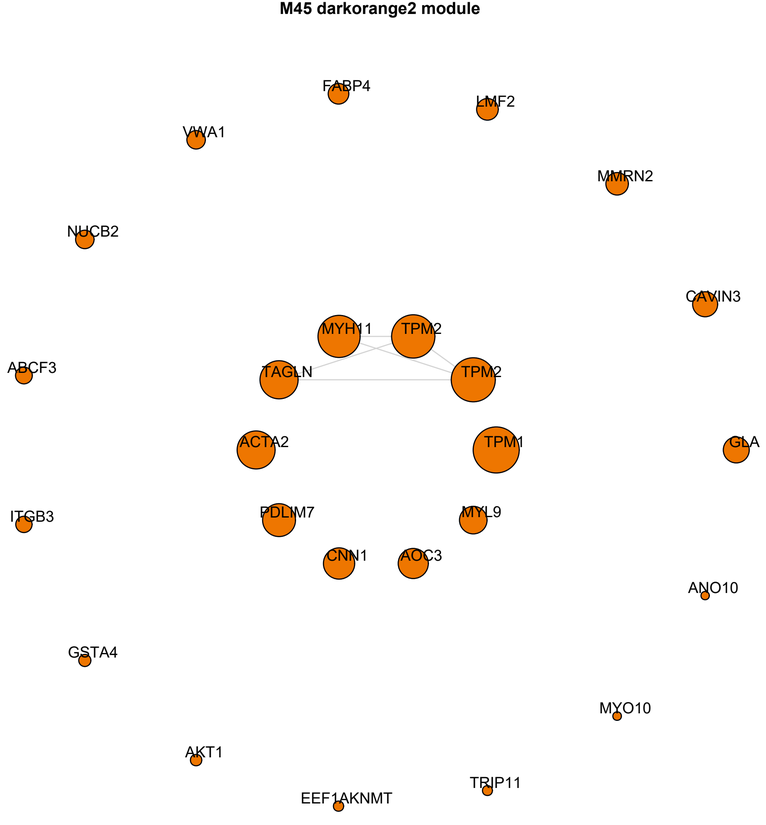

M45 darkorange2
T-test p = 0.0061
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

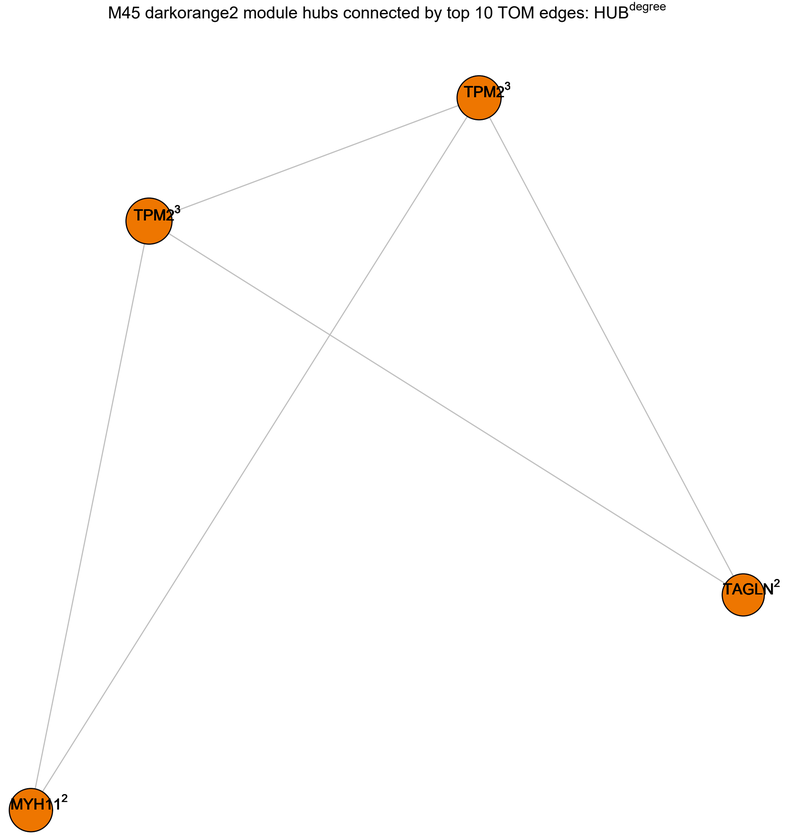

M45 darkorange2
T-test p = 0.15
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
psp

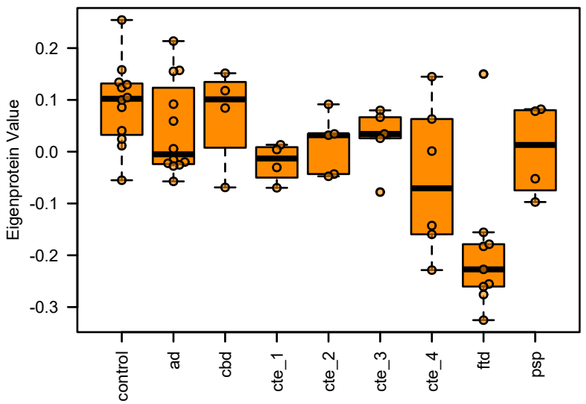

bicor=0.06, p=0.65
cor=0.065, p=0.62
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

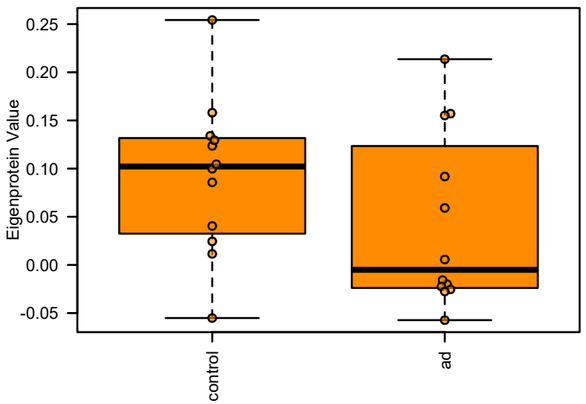

bicor=-0.0018, p=0.99
cor=0.009, p=0.95
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

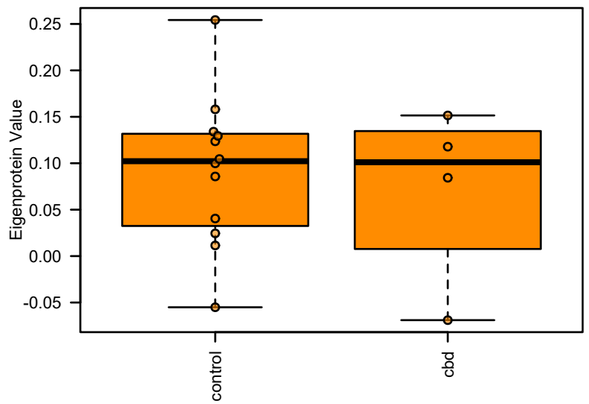

bicor=0.26, p=0.039
cor=0.28, p=0.029
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

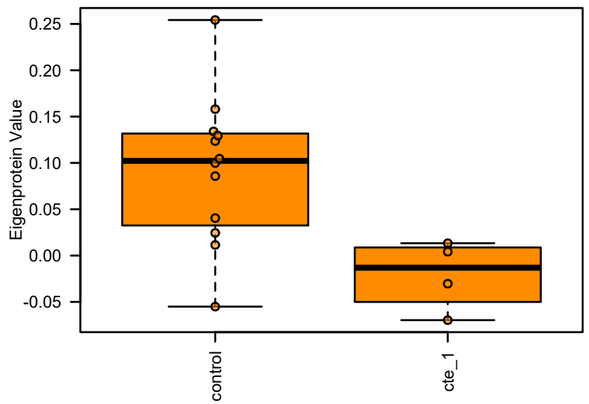

M45 darkorange2 module
FABP4
LMF2
VWA1
MMRN2
NHCB2
CAVIN3
MYH11
TPM2
ABCF3
TAGLN
TPM2
ACTA2
TPM1
GLA
ITGB3
PDLIM7
MYL9
CNN1
AOC3
ANO10
GSTA4
MYO10
AKT1
TRIP11
EEF1AKNMT

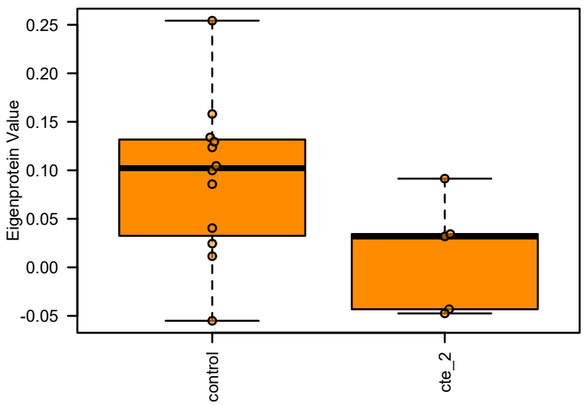

M45 darkorange2 module hubs connected by top 10 TOM edges: HUB degree
TPM2 3
TPM2 3
TAGLN 2
MYH11 2

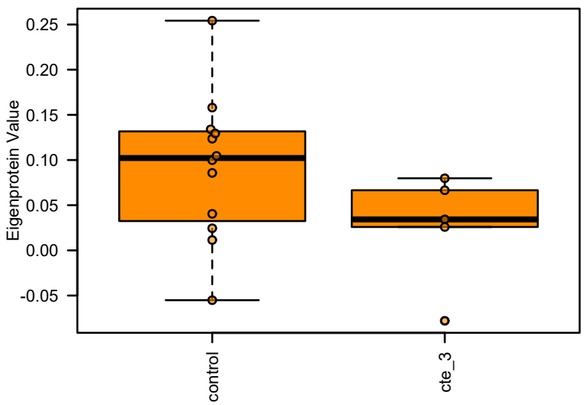

M26 darkorange
1-way AOV p = 1e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

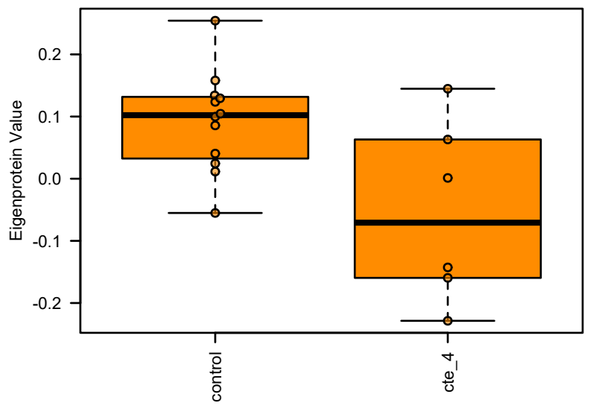

M26 darkorange
T-test p = 0.17
Eigenprotein Value
control
ad

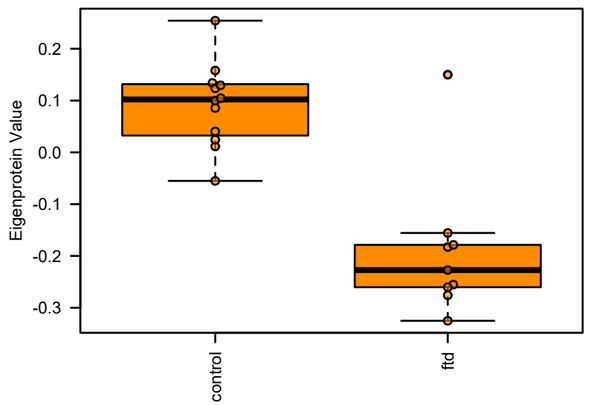

M26 darkorange
T-test p = 0.67
Eigenprotein Value
control
cbd

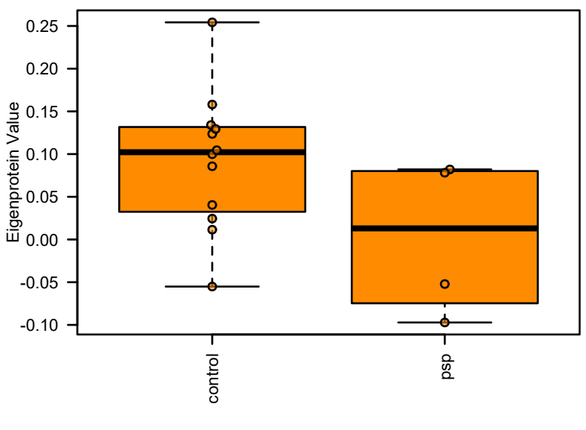

M26 darkorange
T-test p = 0.018
Eigenprotein Value
control
cte_1

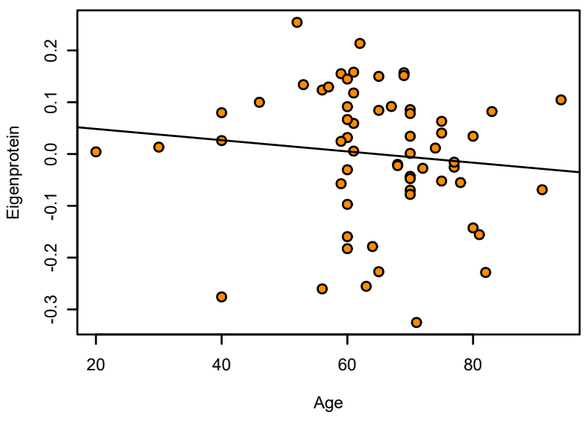

M26 darkorange
T-test p = 0.066
Eigenprotein Value
control
cte_2

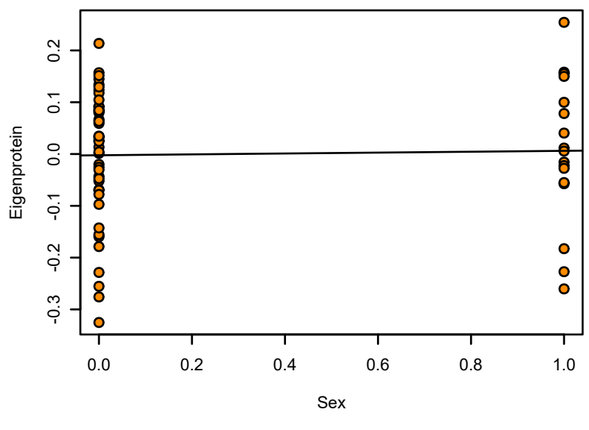

M26 darkorange
T-test p = 0.12
Eigenprotein Value
control
cte_3

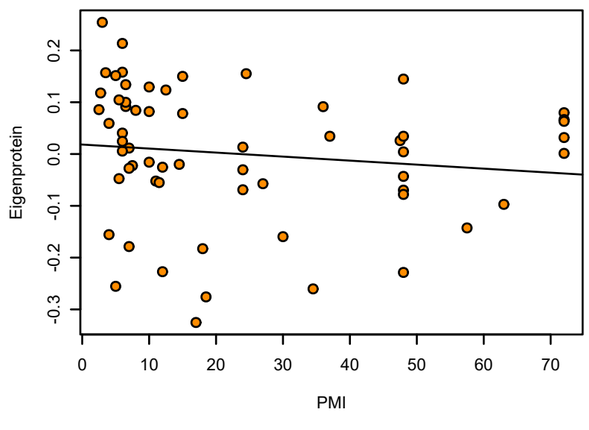

M26 darkorange
T-test p = 0.013
Eigenprotein Value
control
cte_4

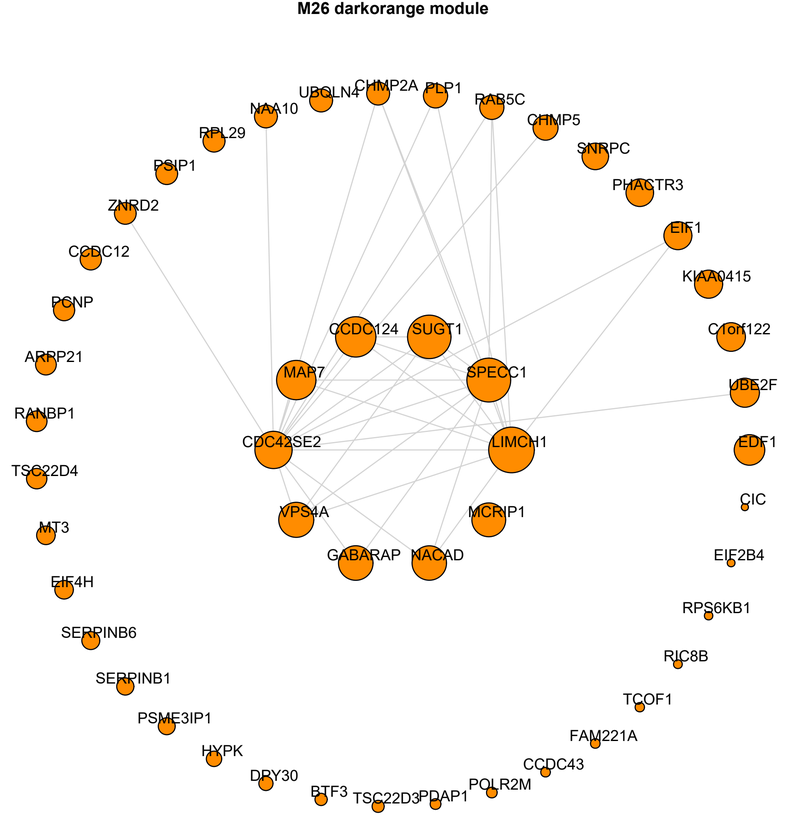

M26 darkorange
T-test p = 1.1e-05
Eigenprotein Value
control
ftd

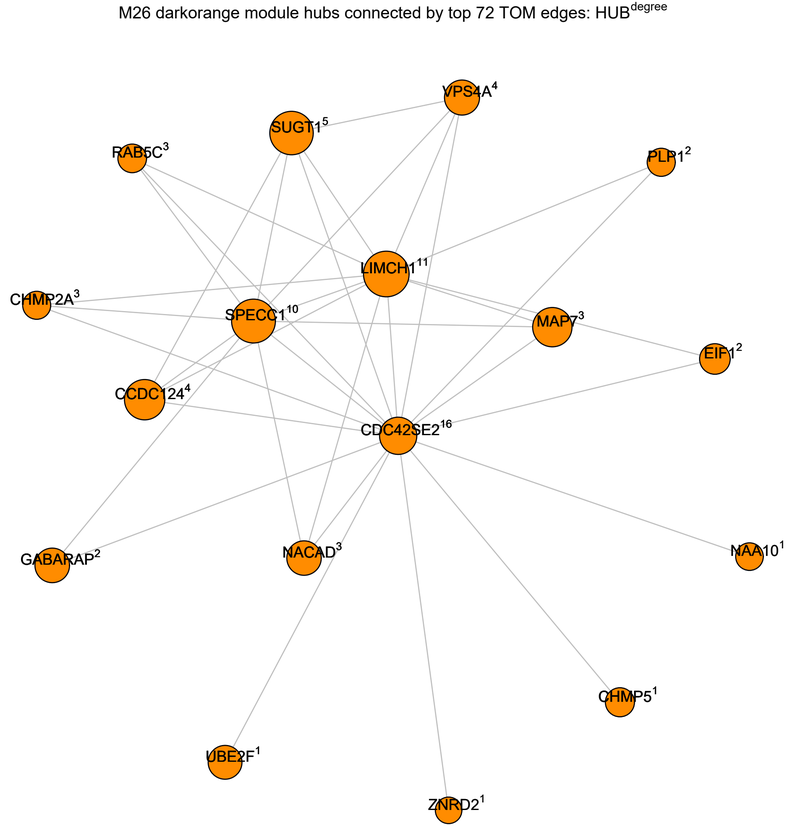

M26 darkorange
T-test p = 0.08
Eigenprotein Value
control
psp

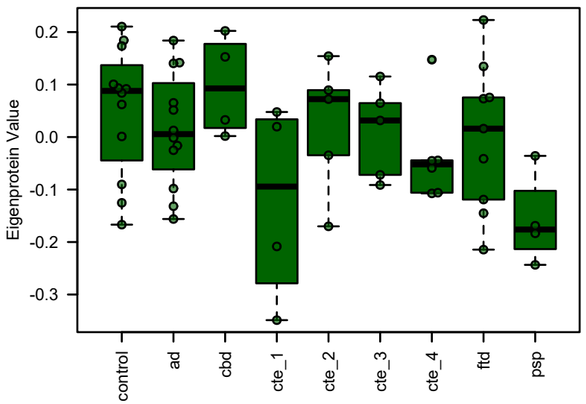

bicor=-0.22, p=0.083
cor=-0.11, p=0.4
Eigenprotein
Age

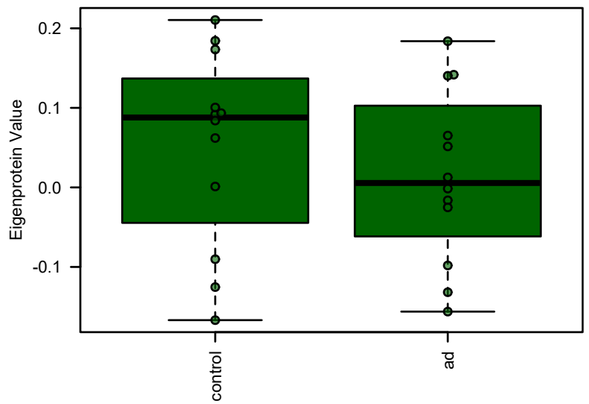

bicor=0.02, p=0.88
cor=0.03, p=0.82
Eigenprotein
Sex

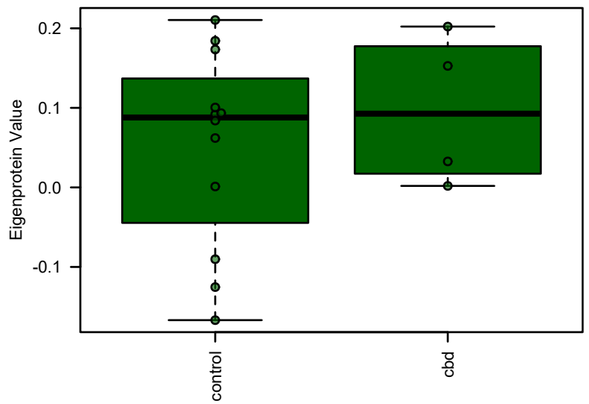

bicor=-0.32, p=0.011
cor=-0.13, p=0.32
Eigenprotein
PMI

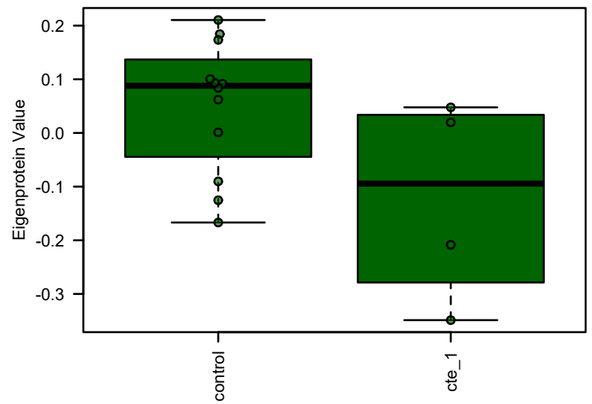

M26 darkorange module
UBQLN4
CHMP2A
PLP1
NAA10
RAB5C
RPL29
CHMP5
SNRPC
PSIP1
PHACTR3
ZNRD2
EIF1
CCDC12
KIAA0415
PGNP
CCDC124
SUGT1
C1orf122
ARRP21
MAP7
SPECC1
UBE2F
RANBP1
CDC42SE2
LIMCH1
EDF1
TSC22D4
CIC
VPS4A
MCRIP1
MT3
GABARAP
NACAD
EIF2B4
EIF4H
RPS6KB1
SERPINB6
RIC8B
SERPINB1
TCOF1
PSME3IP1
FAM221A
HYPK
CCDC43
DRY30
POLR2M
BTF3
TSC22D3
PDAP1

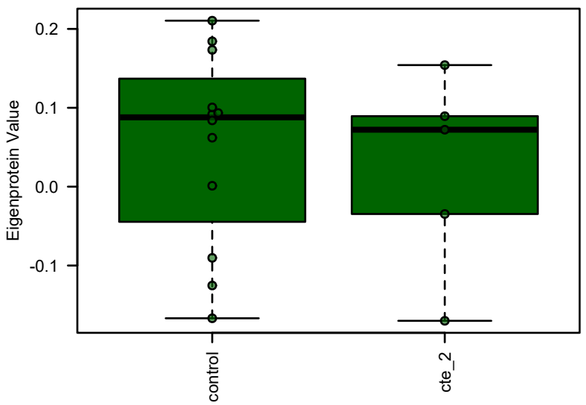

M26 darkorange module hubs connected by top 72 TOM edges: HUB degree
VPS4A 4
SUGT1 5
RAB5C 3
PLP1 2
LIMCH1 11
CHMP2A 3
SPECC1 10
MAP7 3
EIF1 2
CCDC124 4
CDC42SE2 16
GABARAP 2
NACAD 3
NAA10 1
CHMP5 1
UBE2F 1
ZNRD2 1

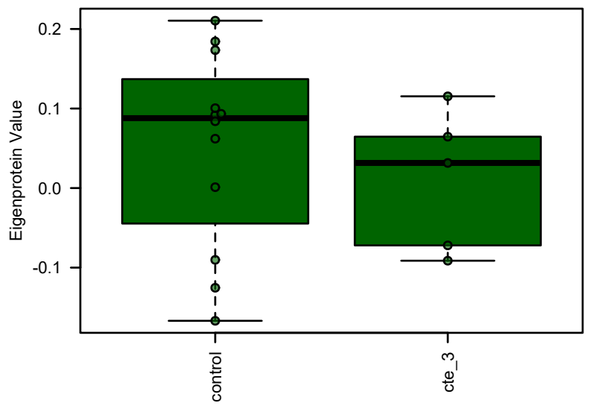

M22 darkgreen
1-way AOV p = 0.055
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

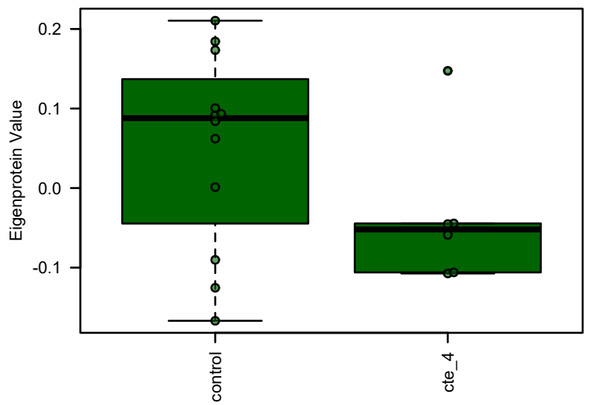

M22 darkgreen
T-test p = 0.44
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

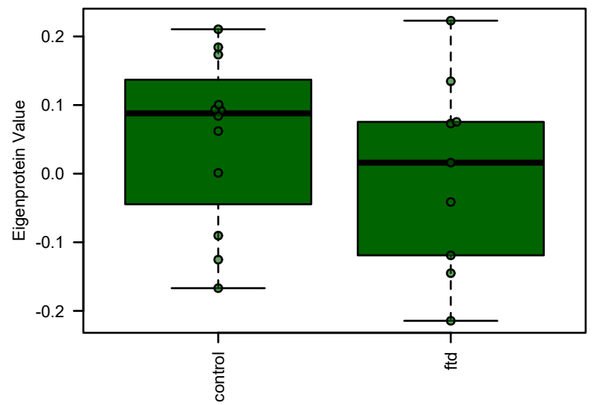

M22 darkgreen
T-test p = 0.51
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

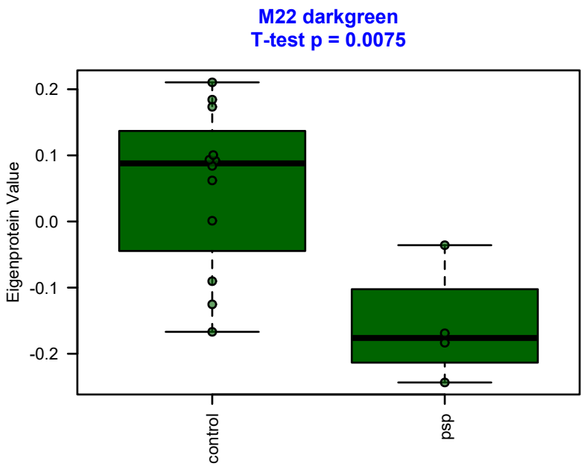

M22 darkgreen
T-test p = 0.049
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_1

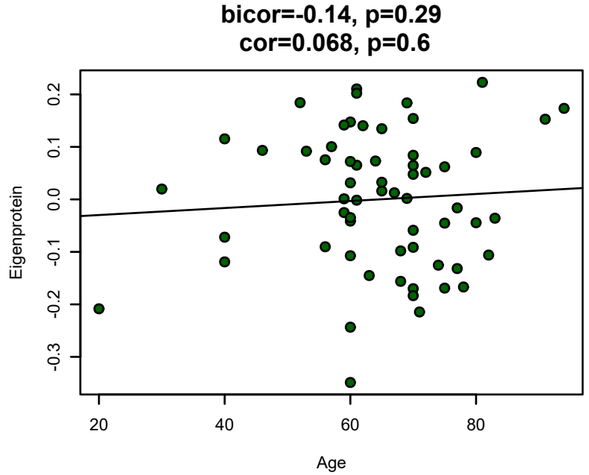

M22 darkgreen
T-test p = 0.66
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

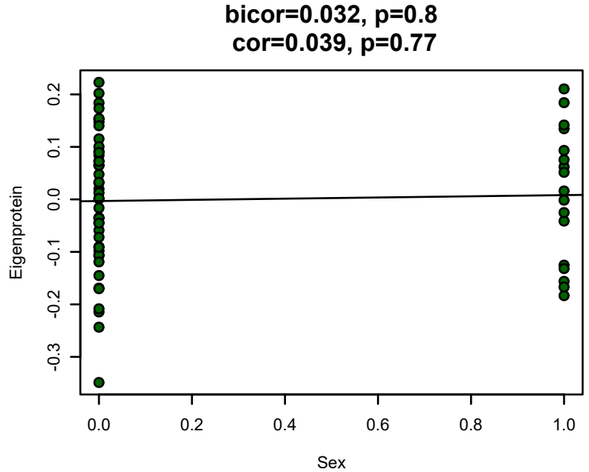

M22 darkgreen
T-test p = 0.5
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

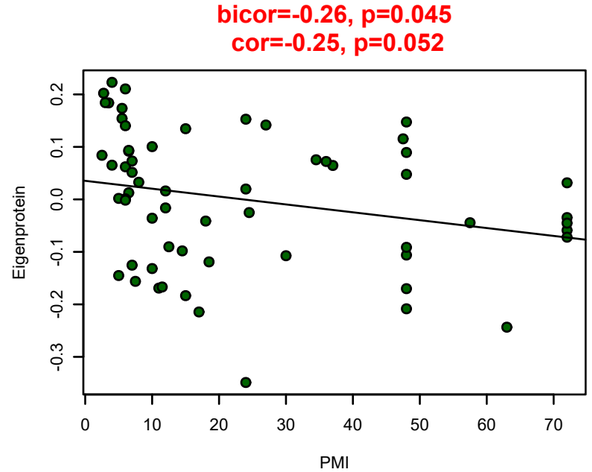

M22 darkgreen
T-test p = 0.15
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4

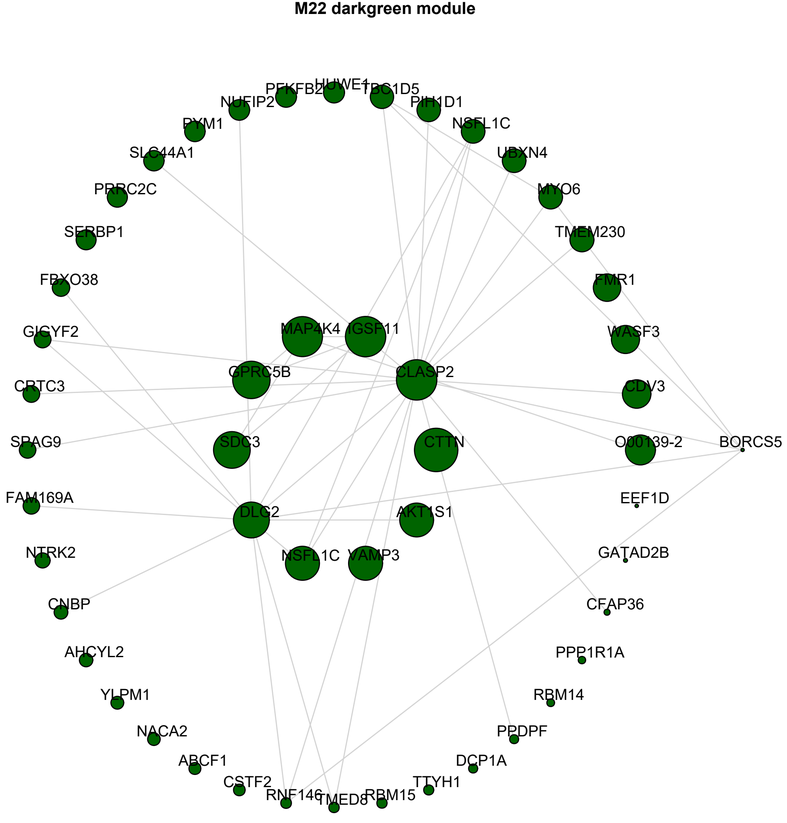

M22 darkgreen
T-test p = 0.39
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

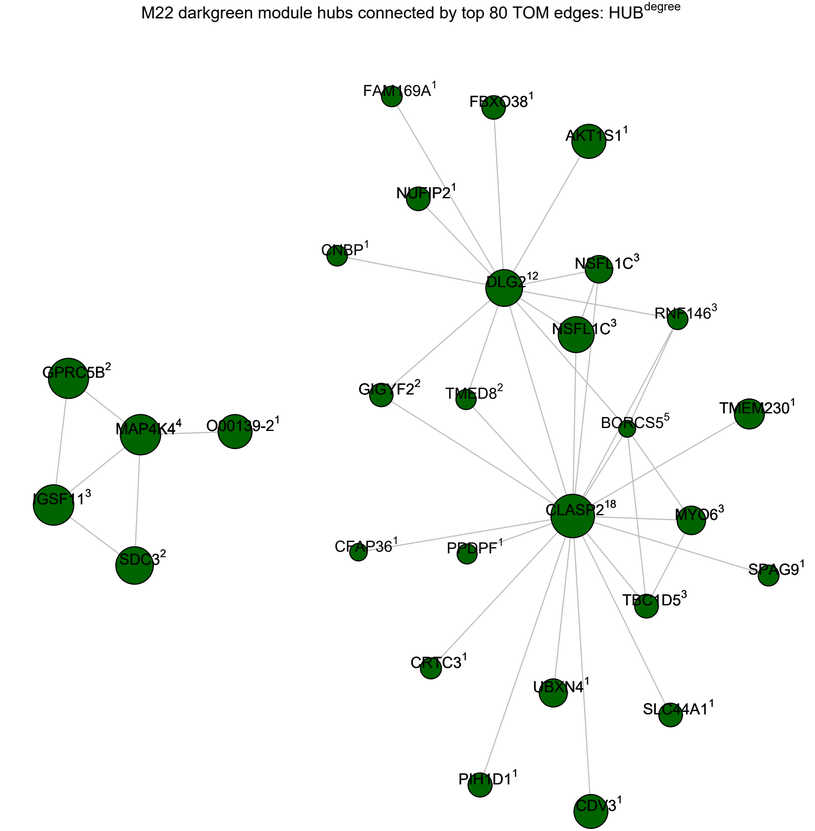

M22 darkgreen
T-test p = 0.0075
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
psp

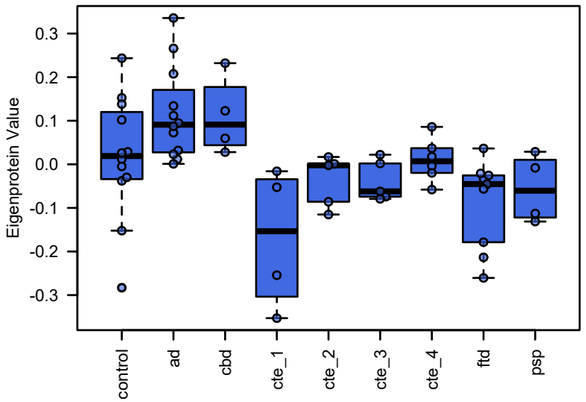

bicor=-0.14, p=0.29
cor=0.068, p=0.6
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

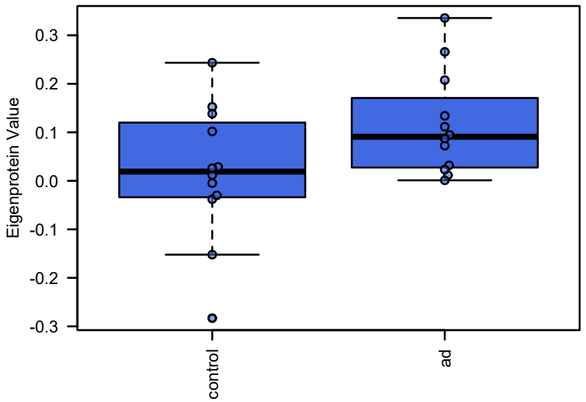

bicor=0.032, p=0.8
cor=0.039, p=0.77
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

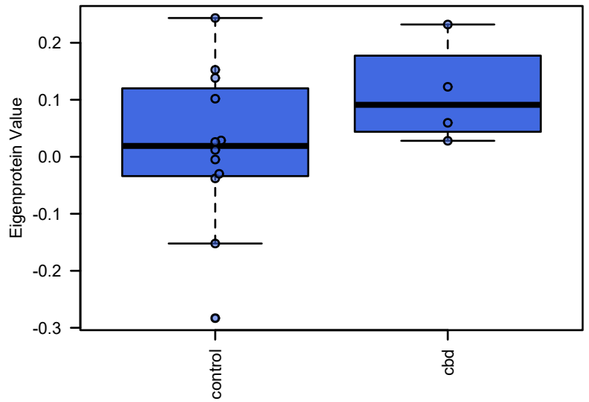

bicor=-0.26, p=0.045
cor=-0.25, p=0.052
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

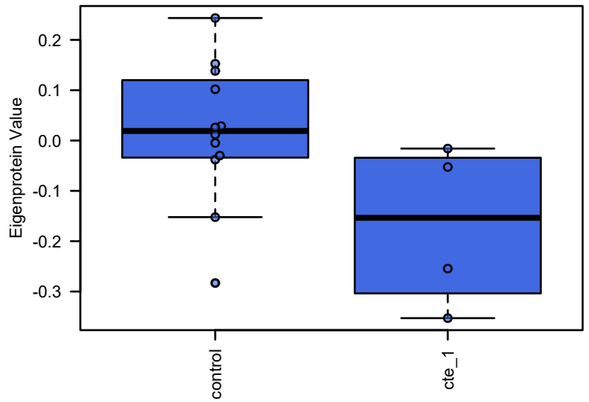

M22 darkgreen module
PFKFB2
HUWE1
TBC1D5
NUFIP2
PHF1D1
PXM1
NSFL1C
SLC44A1
UBXN4
PPRC2C
MYO6
SFRBP1
TMEM230
FBXO38
FMR1
GIGYF2
MAP4K4
IGSF11
WASF3
CPTC3
CPPRC5B
CLASP2
CDV3
SPAG9
SDC3
CTTN
O00139-2
BORCS5
FAM169A
DLG2
AKT1S1
EEF1D
NTRK2
NSFL1C
YAMP3
GATAD2B
CNBP
CFAP36
AHCYL2
PPP1R1A
YLPM1
RBM14
NACA2
PPDPF
ABCF1
DCP1A
CSTF2
TTYH1
RNF146
TMED8
RBM15

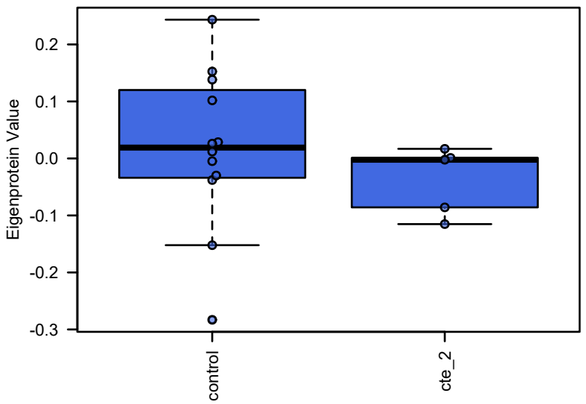

M22 darkgreen module hubs connected by top 80 TOM edges: HUB^degree
FAM169A^1
FBXO38^1
AKT1S1^1
NUFIP2^1
CNBP^1
NSFL1C^3
DLG2^12
RNF146^3
NSFL1C^3
GPRC5B^2
GIGYF2^2
TMED8^2
TMEM230^1
MAP4K4^4
O00139-2^1
BORCS5^5
IGSF11^3
CLASP2^18
MYO6^3
CFAP36^1
PPDPF^1
SPAG9^1
SDC3^2
TBC1D5^3
CPTC3^1
UBXN4^1
SLC44A1^1
PHF1D1^1
CDV3^1

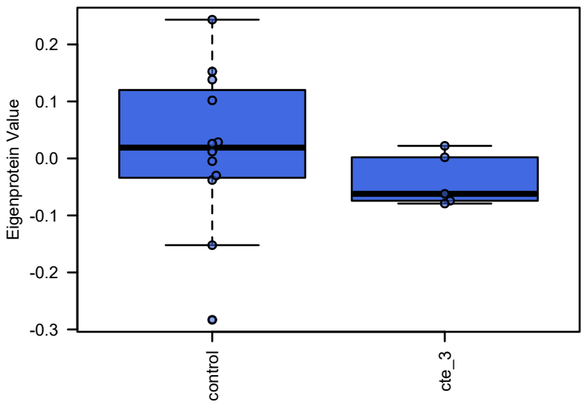

M20 royalblue
1-way AOV p = 0.00021
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

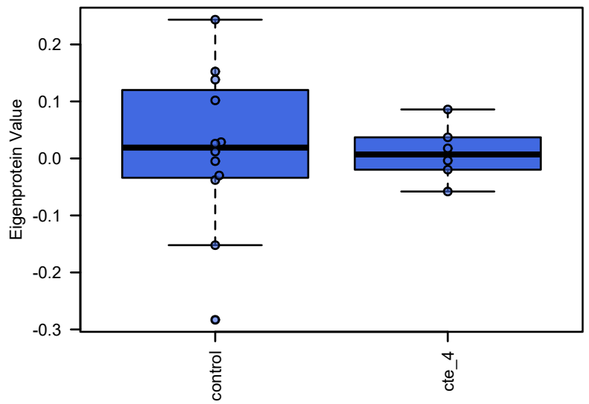

M20 royalblue
T-test p = 0.065
Eigenprotein Value
control
ad

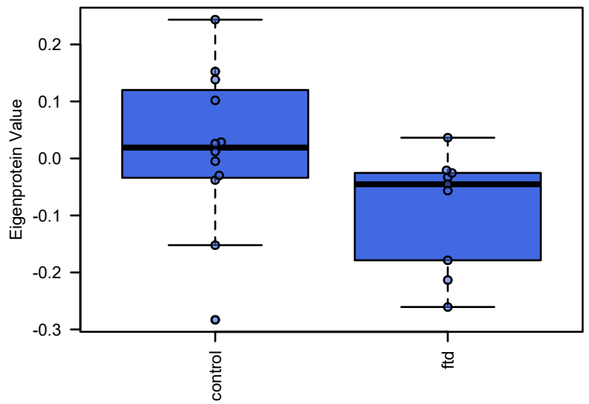

M20 royalblue
T-test p = 0.23
Eigenprotein Value
control
cbd

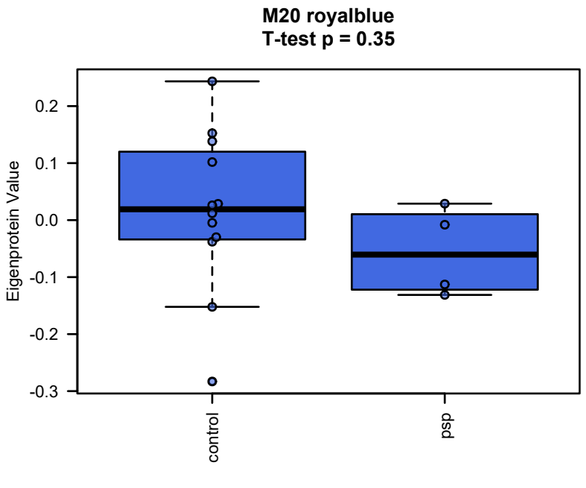

M20 royalblue
T-test p = 0.044
Eigenprotein Value
control
cte_1

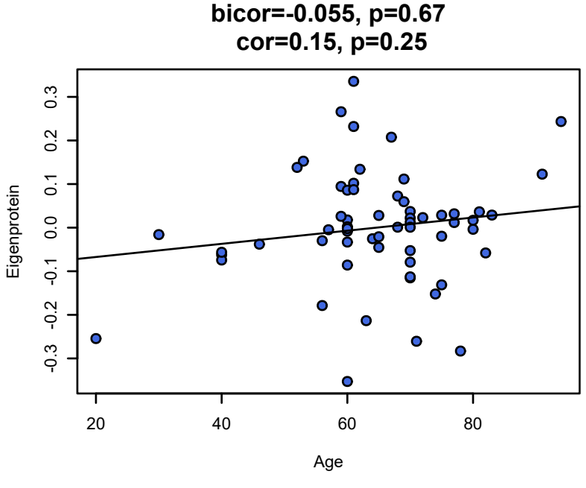

M20 royalblue
T-test p = 0.43
Eigenprotein Value
control
cte_2

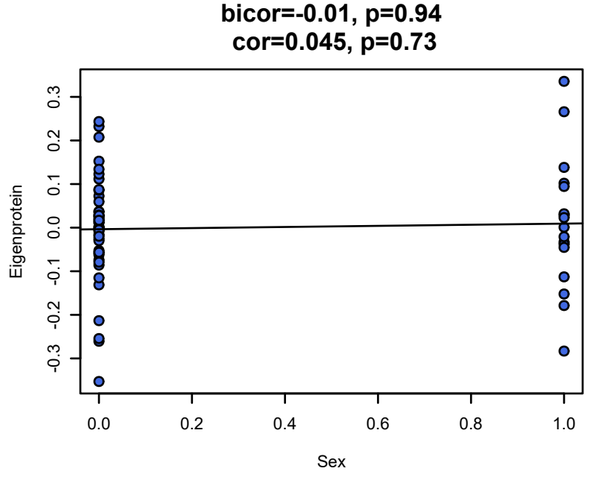

M20 royalblue
T-test p = 0.42
Eigenprotein Value
control
cte_3

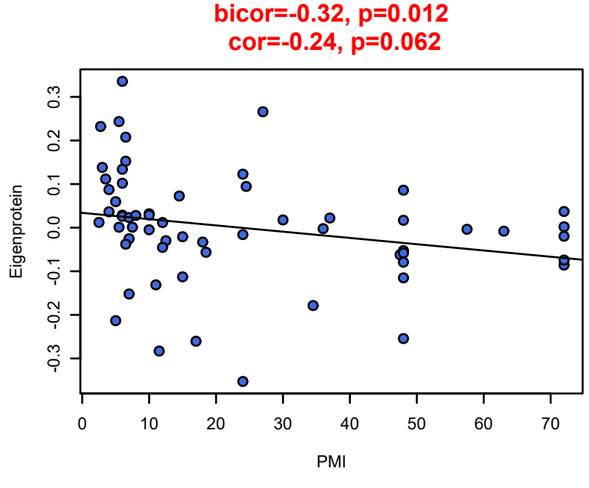

M20 royalblue
T-test p = 0.92
Eigenprotein Value
control
cte_4

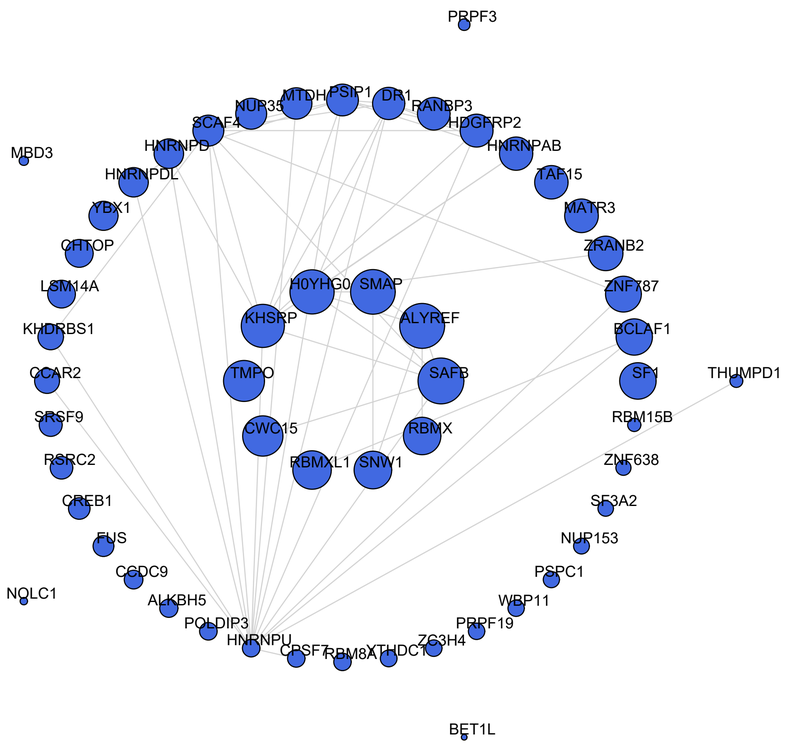

M20 royalblue
T-test p = 0.074
Eigenprotein Value
control
ftd

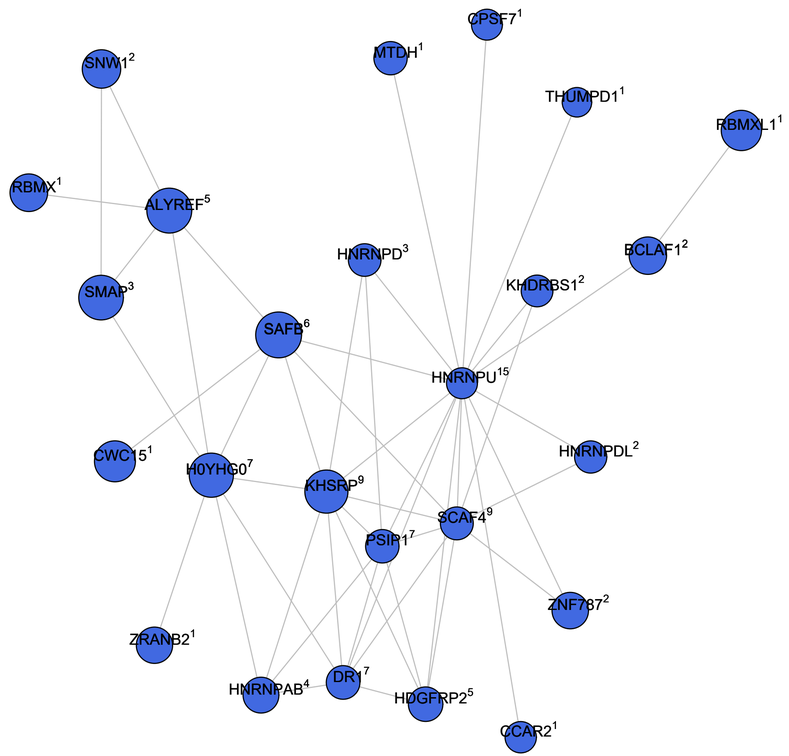

M20 royalblue
T-test p = 0.35
Eigenprotein Value
control
psp

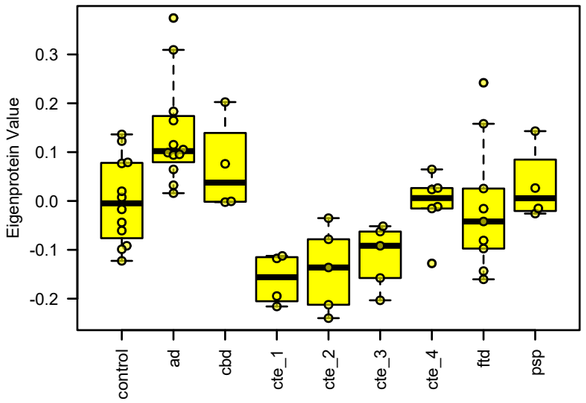

bicor=-0.055, p=0.67
cor=0.15, p=0.25
Eigenprotein
Age

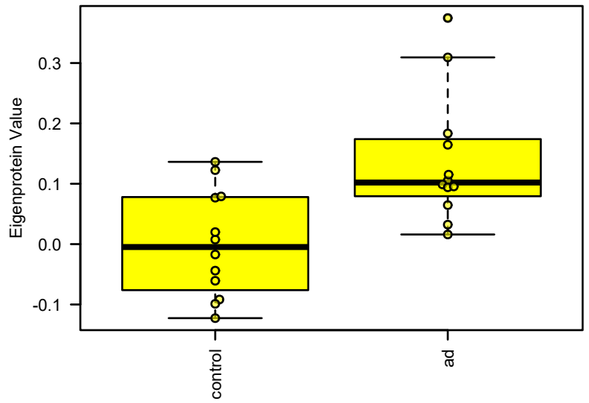

bicor=-0.01, p=0.94
cor=0.045, p=0.73
Eigenprotein
Sex

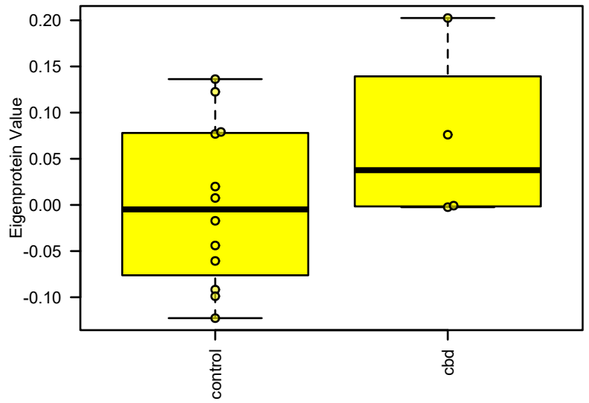

bicor=-0.32, p=0.012
cor=-0.24, p=0.062
Eigenprotein
PMI

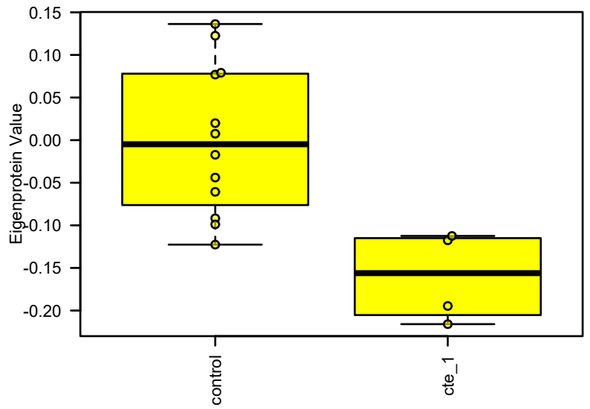

M20 royalblue module
PRPF3
NUP35
MTDH
PSIP1
DR1
RANBP3
SCAF4
HDGFRP2
HNRNPD
HNRNPAB
MBD3
HNRNPDL
TAF15
YBX1
MATR3
CHTOP
ZRANB2
LSM14A
H0YHG0
SMAP
ZNF787
KHSRP
ALYREF
KHDRBS1
BCLAF1
CCAR2
TMPO
SAFB
SF1
THUMPD1
SRSF9
CWC15
RBMX
RBM15B
RSRC2
RBMXL1
SNW1
ZNF638
CREB1
SF3A2
FUS
NUP153
CGDC9
PSPC1
NOLC1
ALKBH5
WBP11
POLDIP3
PRPF19
HNRNPU
ZC3H4
CPSF7
RBM8A
YTHDC1
BET1L

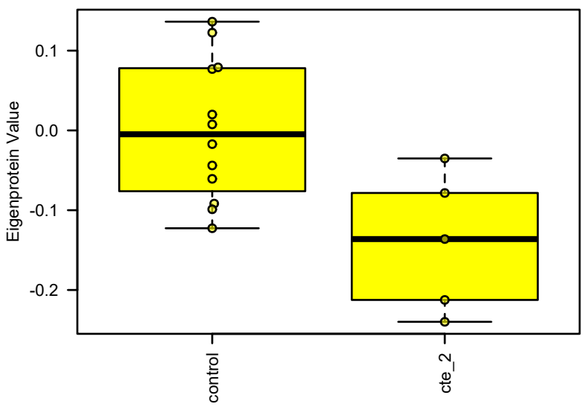

M20 royalblue module hubs connected by top 98 TOM edges: HUB^degree
CPSF7^1
MTDH^1
SNW1^2
THUMPD1^1
RBMXL1^1
RBMX^1
ALYREF^5
HNRNPD^3
BCLAF1^2
SMAP^3
KHDRBS1^2
SAFB^6
HNRNPU^15
CWC15^1
HNRNPDL^2
H0YHG0^7
KHSRP^9
SCAF4^9
PSIP1^7
ZNF787^2
ZRANB2^1
HNRNPAB^4
DR1^7
HDGFRP2^5
CCAR2^1

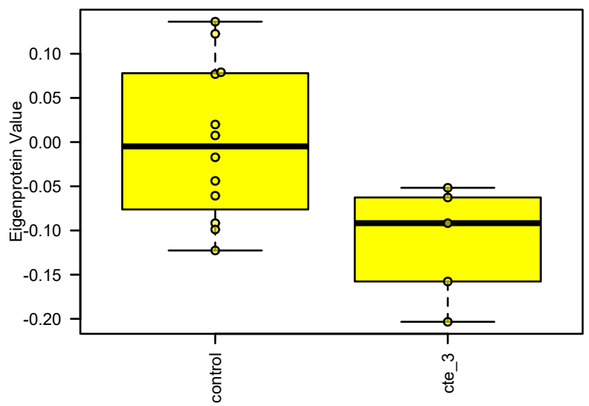

M4 yellow
1-way AOV p = 3.2e-06
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

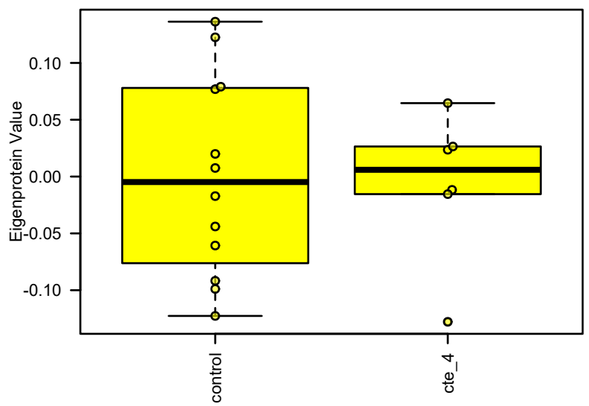

M4 yellow
T-test p = 0.0024
Eigenprotein Value
control
ad

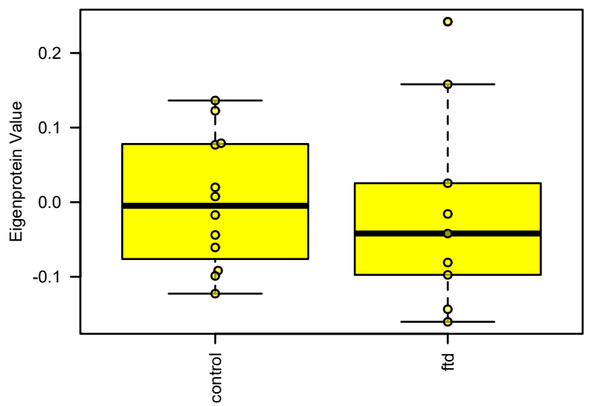

M4 yellow
T-test p = 0.21
Eigenprotein Value
control
cbd

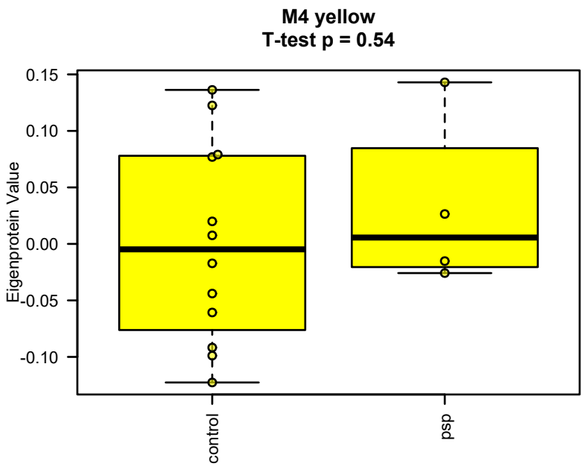

M4 yellow
T-test p = 0.0043
Eigenprotein Value
control
cte_1

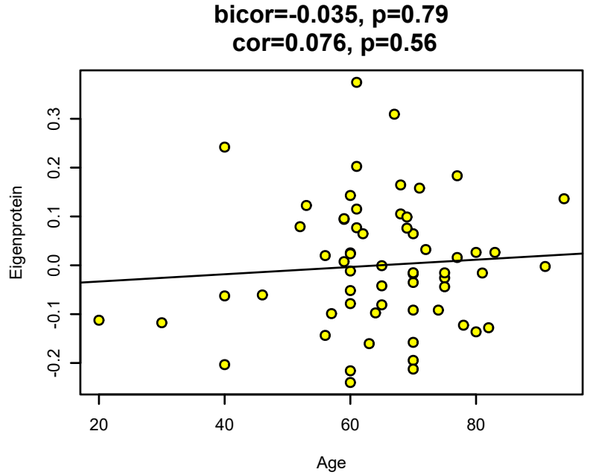

M4 yellow
T-test p = 0.0086
Eigenprotein Value
control
cte_2

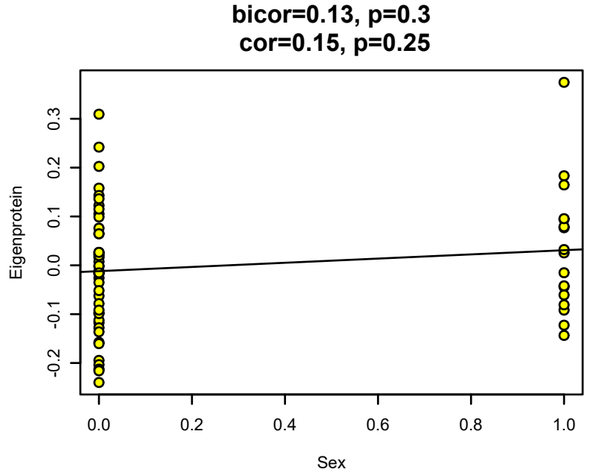

M4 yellow
T-test p = 0.02
Eigenprotein Value
control
cte_3

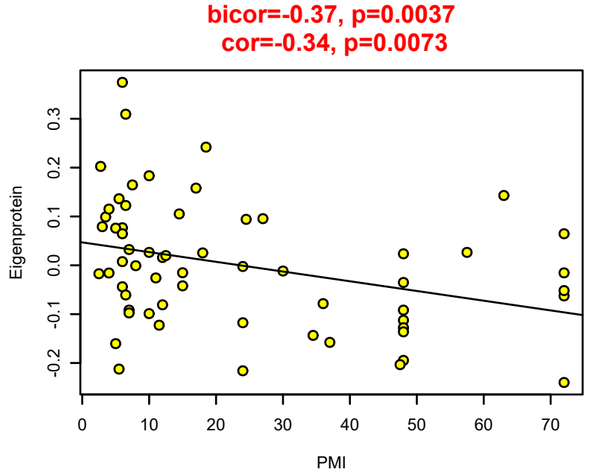

M4 yellow
T-test p = 0.86
Eigenprotein Value
control
cte_4


M4 yellow
T-test p = 0.79
Eigenprotein Value
control
ftd

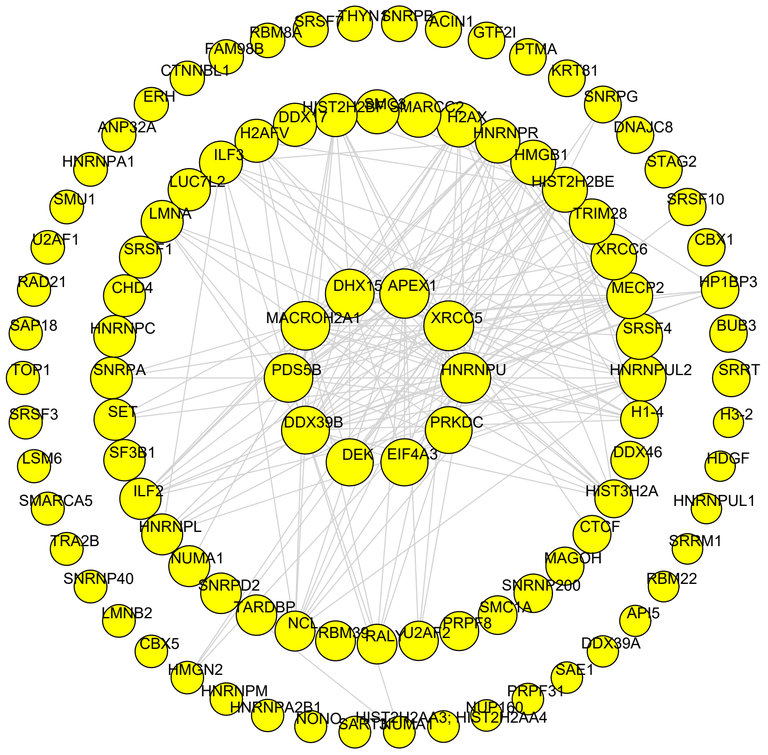

M4 yellow
T-test p = 0.54
Eigenprotein Value
control
psp


bicor=-0.035, p=0.79
cor=0.076, p=0.56
Eigenprotein
Age

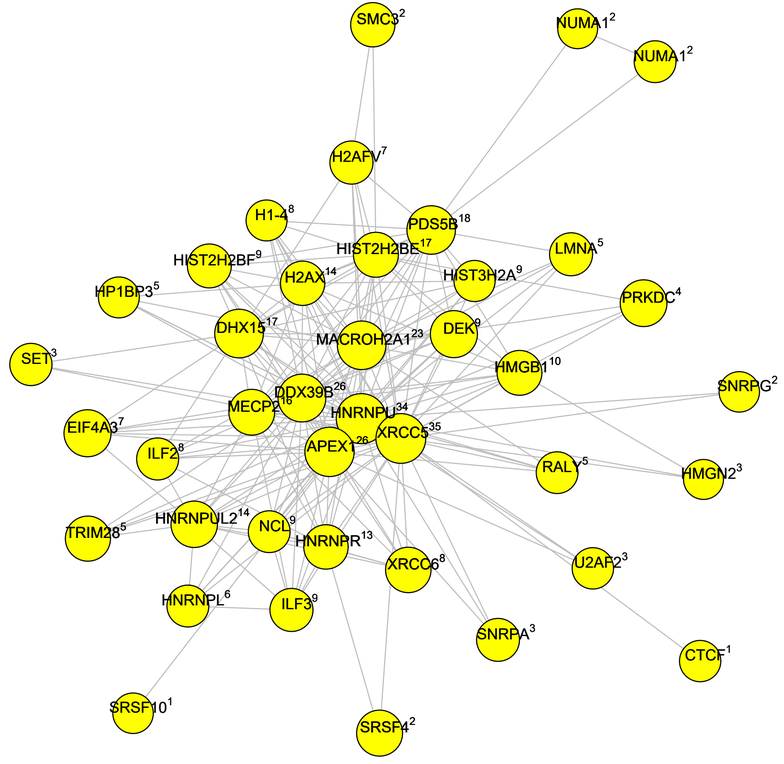

bicor=0.13, p=0.3
cor=0.15, p=0.25
Eigenprotein
Sex

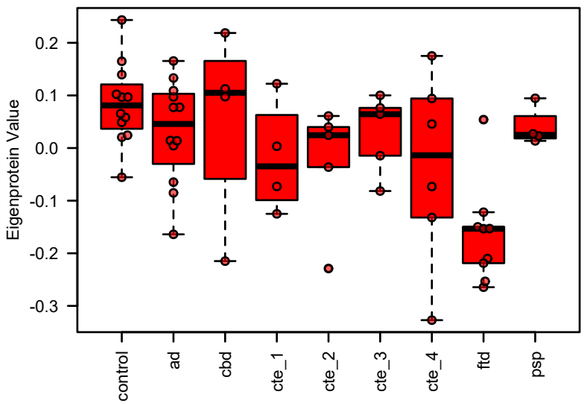

bicor=-0.37, p=0.0037
cor=-0.34, p=0.0073
Eigenprotein
PMI

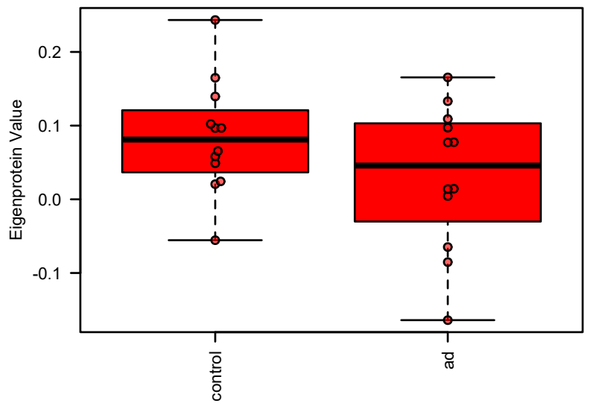
M4 yellow module

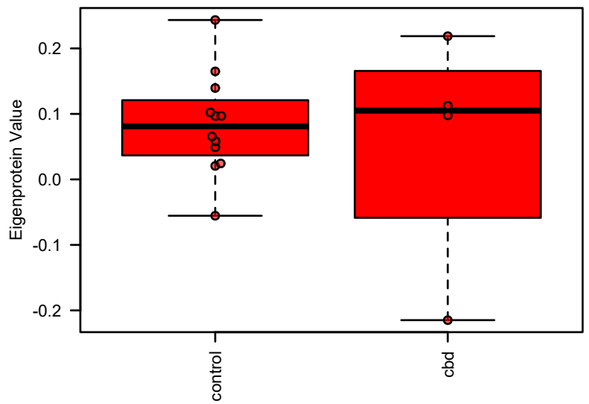


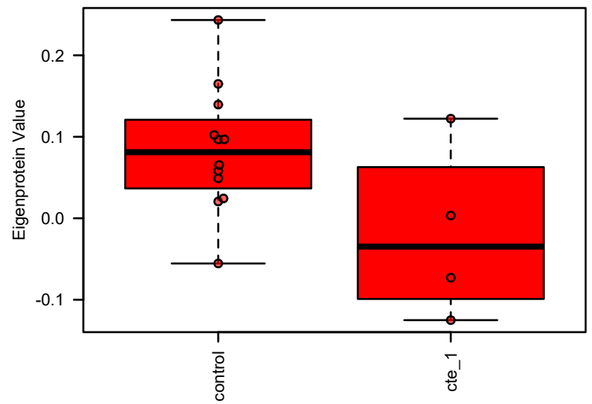
M4 yellow module hubs connected by top 400 TOM edges: HUB^{degree}

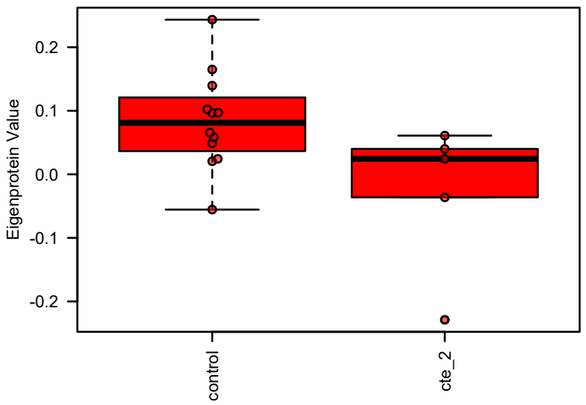


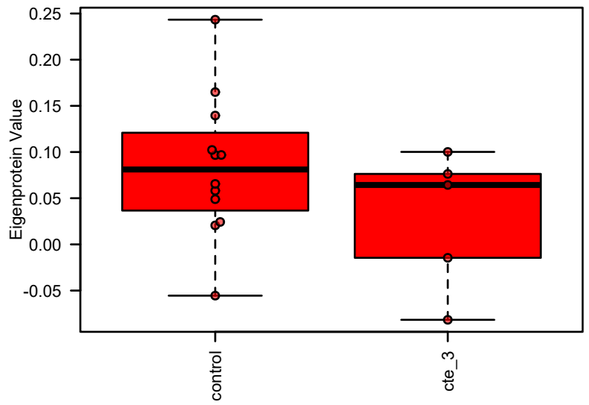

M6 red
1-way AOV p = 0.0013
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

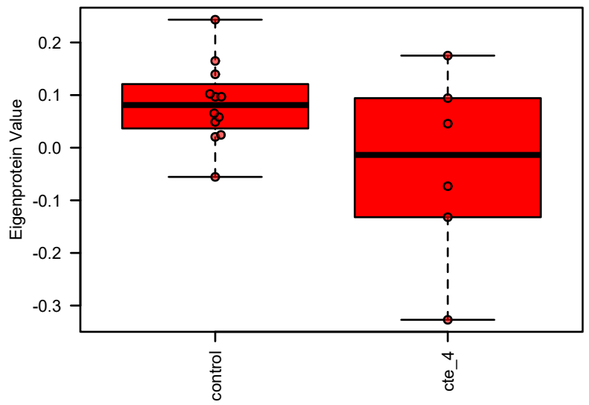

M6 red
T-test p = 0.16
Eigenprotein Value
control
ad

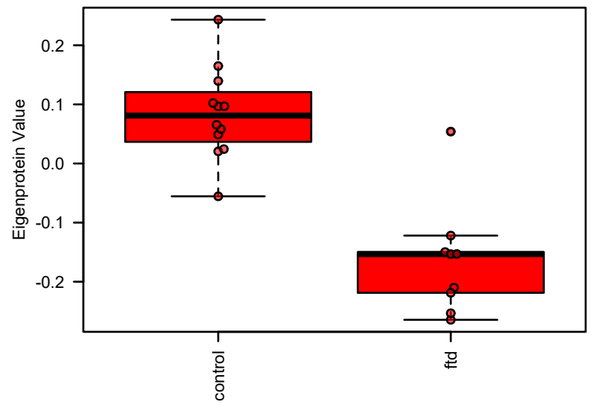

M6 red
T-test p = 0.64
Eigenprotein Value
control
cbd

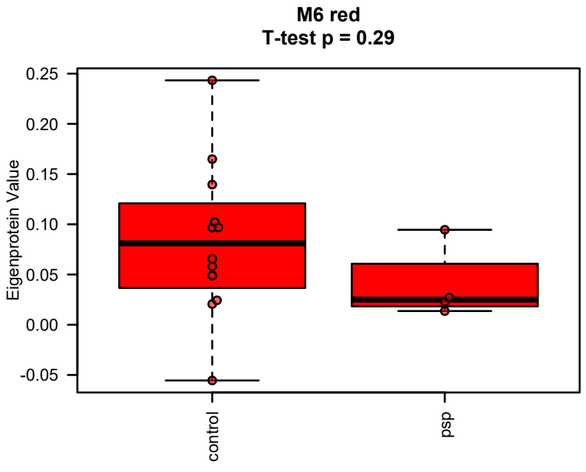

M6 red
T-test p = 0.055
Eigenprotein Value
control
cte_1

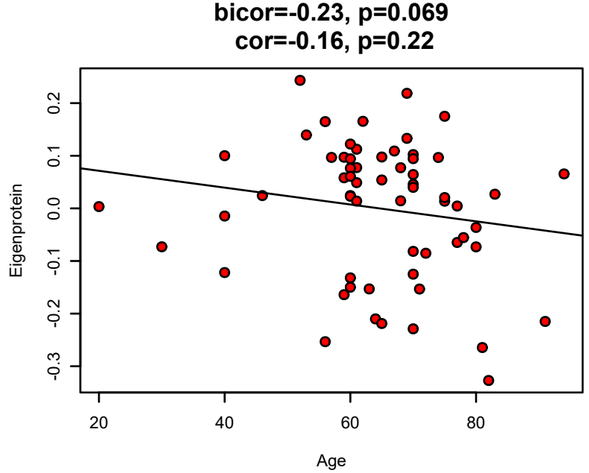

M6 red
T-test p = 0.033
Eigenprotein Value
control
cte_2

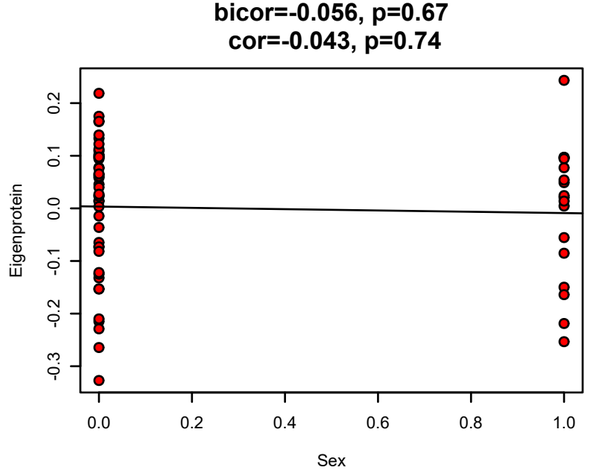

M6 red
T-test p = 0.2
Eigenprotein Value
control
cte_3

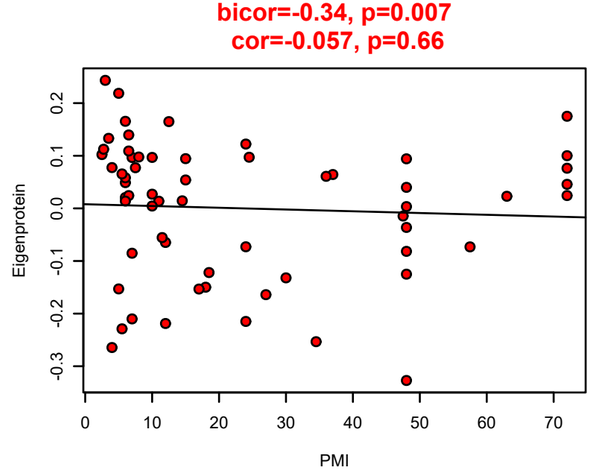

M6 red
T-test p = 0.062
Eigenprotein Value
control
cte_4

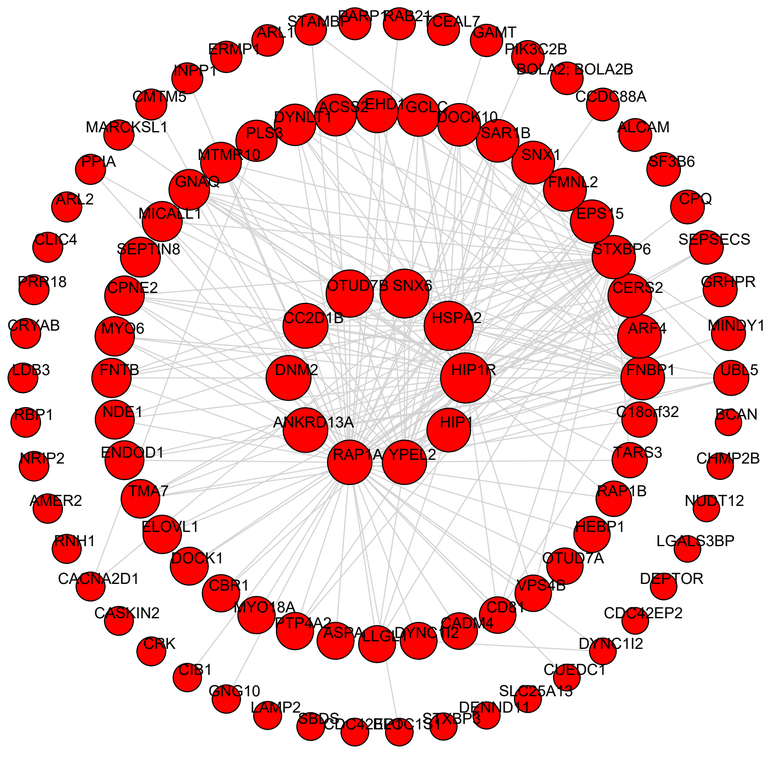

M6 red
T-test p = 2.7e-06
Eigenprotein Value
control
ftd

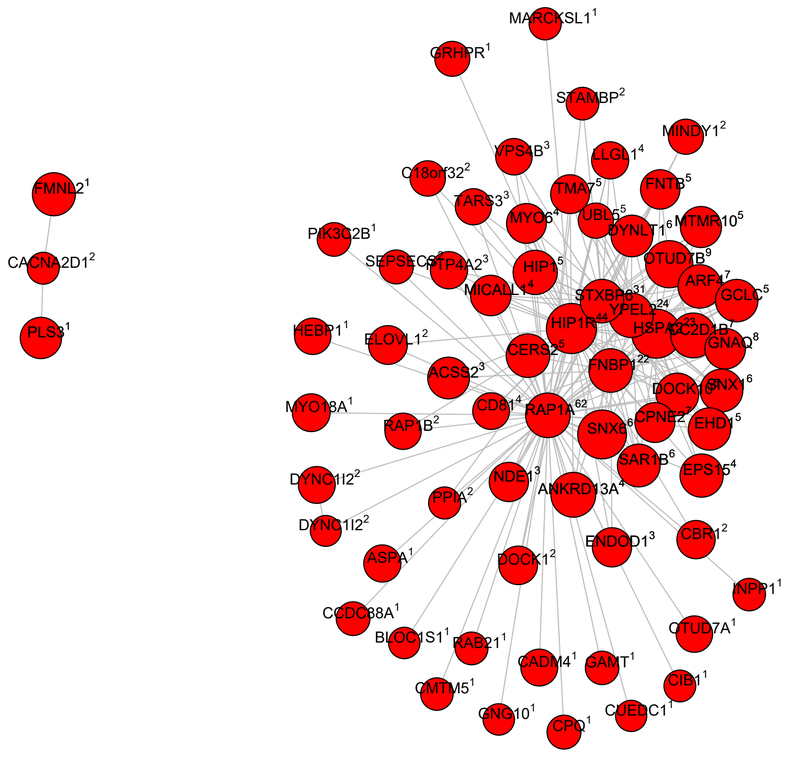

M6 red
T-test p = 0.29
Eigenprotein Value
control
psp

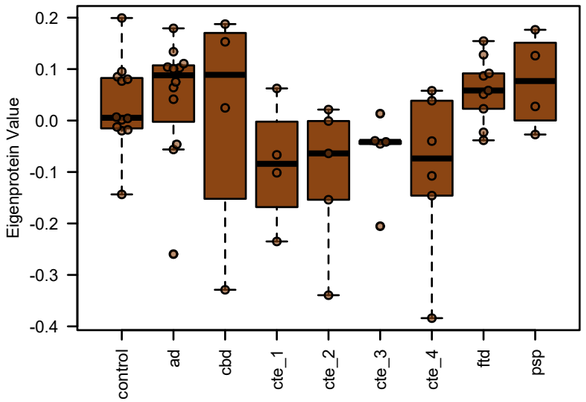

bicor=-0.23, p=0.069
cor=-0.16, p=0.22
Eigenprotein
Age

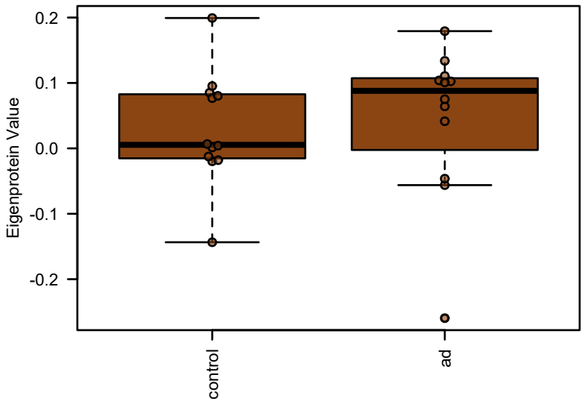

bicor=-0.056, p=0.67
cor=-0.043, p=0.74
Eigenprotein
Sex

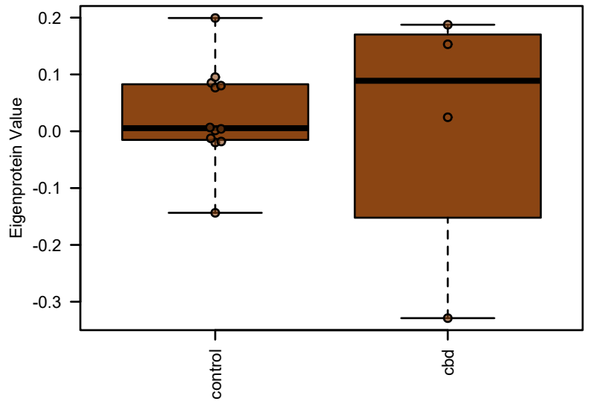

bicor=-0.34, p=0.007
cor=-0.057, p=0.66
Eigenprotein
PMI

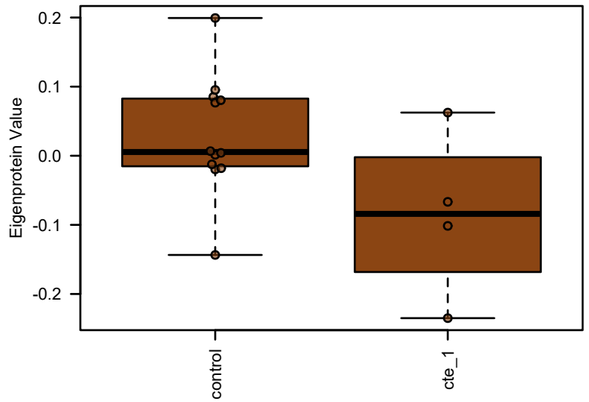

M6 red module
STAMBP
RARP1
RAB21
CEAL7
GAMT
ARL1
PIK3C2B
ZRMP1
BOLA2; BOLA2B
INPP1
CCDC88A
CMTM5
ACSS2
EHD1
GCLC
DOCK10
ALCAM
MARCKSL1
DYNLT1
SAR1B
PLS3
SNX1
SF3B6
MTMR10
FMNL2
PPIA
CPQ
GNAQ
EPS15
ARL2
MICALL1
SEPSECS
STXBP6
CLIC4
SEPTIN8
GRHPR
PRR18
OTUD7B
SNX6
CERS2
CPNE2
CC2D1B
HSPA2
MINDY1
CRYAB
MYO6
ARPP4
LDB3
FNTB
DNM2
HIP1R
FNBP1
UBL5
RBP1
NDE1
ANKRD13A
HIP1
C18orf32
BCAN
NRIP2
ENDOD1
RAP1A
YPEL2
TARS3
CHMP2B
AMER2
TMA7
RAP1B
NUDT12
ELOVL1
HEBP1
RNH1
LGALS3BP
DOCK1
CTUD7A
CACNA2D1
CBR1
VPS4B
DEPTOR
CASKIN2
MYO18A
CD81
CDC42EP2
PTP4A2
ASPA
LLGL1
CADM4
DYNC1I2
CRK
DYNC1I2
CIB1
CUEDC1
CNG10
SLC25A13
LAMP2
DENND1A
SBDS
CDC42EP1
STXBP3

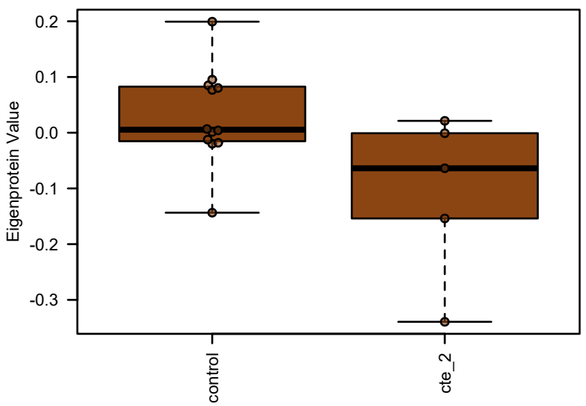

M6 red module hubs connected by top 400 TOM edges: HUB degree
FMNL2 1
CACNA2D1 2
PLS3 1
MARCKSL1 1
GRHPR 1
STAMBP 2
MINDY1 2
VPS4B 3
LLGL1 4
C18orf32 2
FNTB 5
TARS3 3
TMA7 5
MYO6 4
UBL5 5
PIK3C2B 1
DYNLT1 6
MTMR10 5
SEPSECS 2
OTUD7B 9
PTP4A2 3
HIP1 5
ARPP4 7
MICALL1 4
STXBP6 31
GCLC 5
YPEL2 24
HIP1R 44
HSPA2 23
CC2D1B 7
HEBP1 1
ELOVL1 2
GNAQ 8
CERS2 5
FNBP1 22
ACSS2 3
DOCK10 6
SNX1 6
MYO18A 1
CD81 4
RAP1A 62
CPNE2 4
RAP1B 2
SNX6 6
EHD1 5
SAR1B 6
EPS15 4
DYNC1I2 2
NDE1 3
ANKRD13A 4
PPIA 2
DYNC1I2 2
ENDOD1 3
CBR1 2
ASPA 1
DOCK1 2
NPP1 1
CCDC88A 1
OTUD7A 1
BLOC1S1 1
RAB21 1
CADM4 1
GAMT 1
CMTM5 1
CIB1 1
GNG10 1
CUEDC1 1
CPQ 1

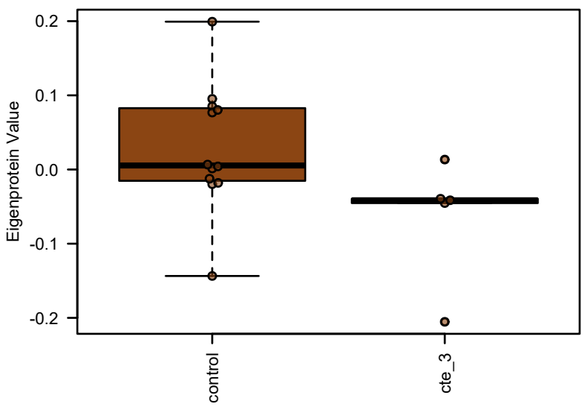

M29 saddlebrown
1-way AOV p = 0.042
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

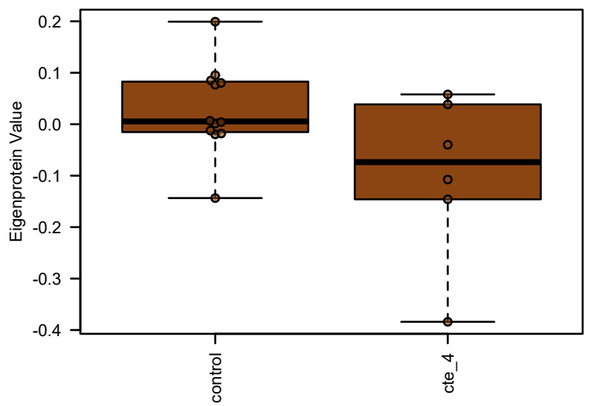

M29 saddlebrown
T-test p = 0.7
Eigenprotein Value
control
ad

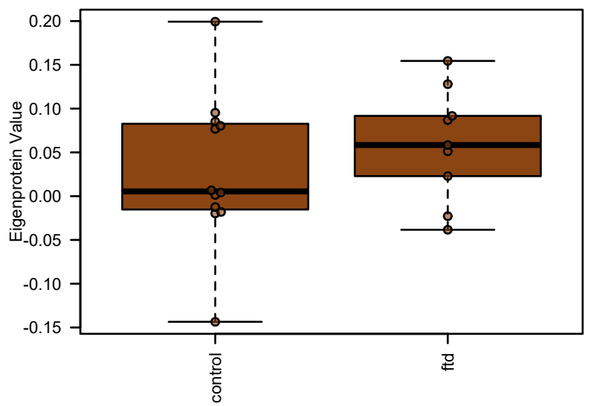

M29 saddlebrown
T-test p = 0.79
Eigenprotein Value
control
cbd

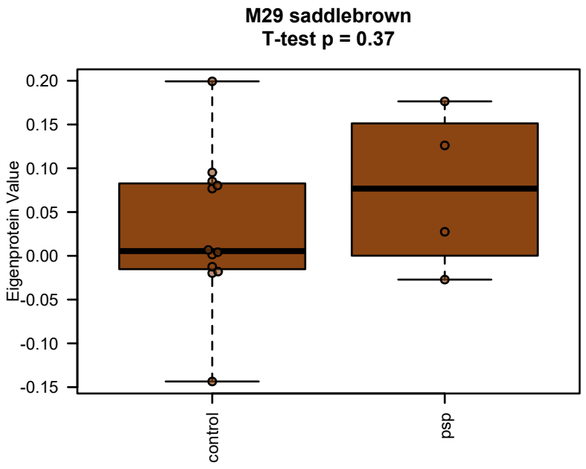

M29 saddlebrown
T-test p = 0.053
Eigenprotein Value
control
cte_1

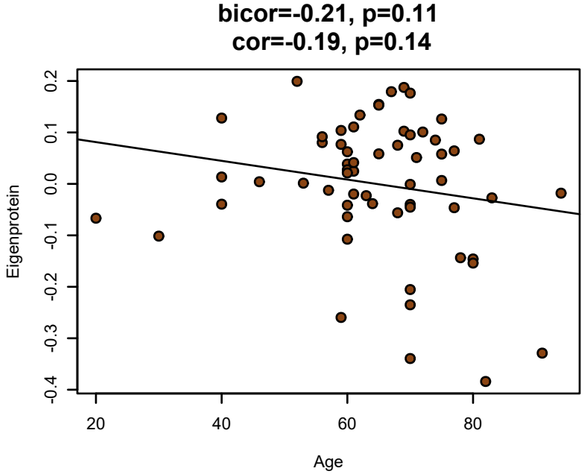

M29 saddlebrown
T-test p = 0.027
Eigenprotein Value
control
cte_2

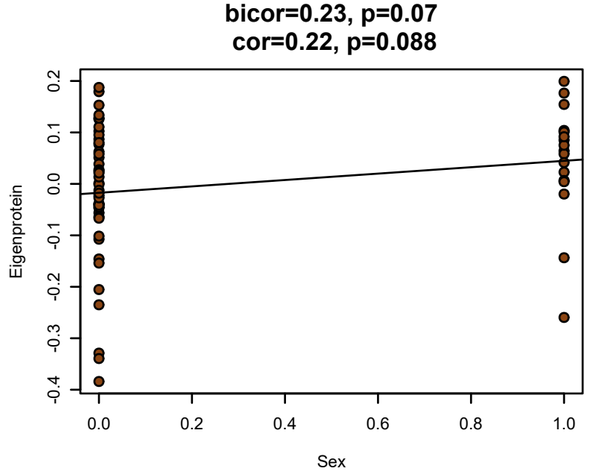

M29 saddlebrown
T-test p = 0.056
Eigenprotein Value
control
cte_3

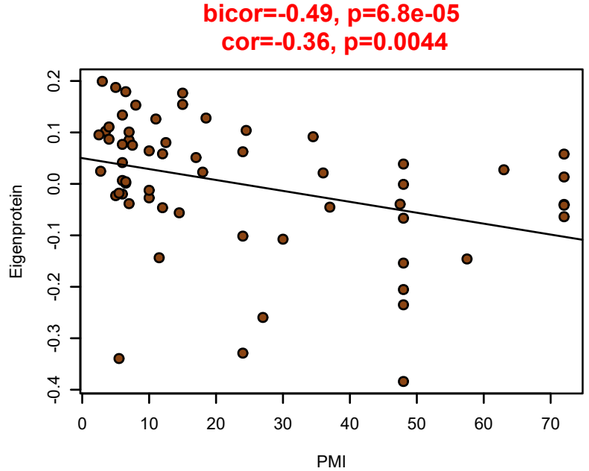

M29 saddlebrown
T-test p = 0.042
Eigenprotein Value
control
cte_4

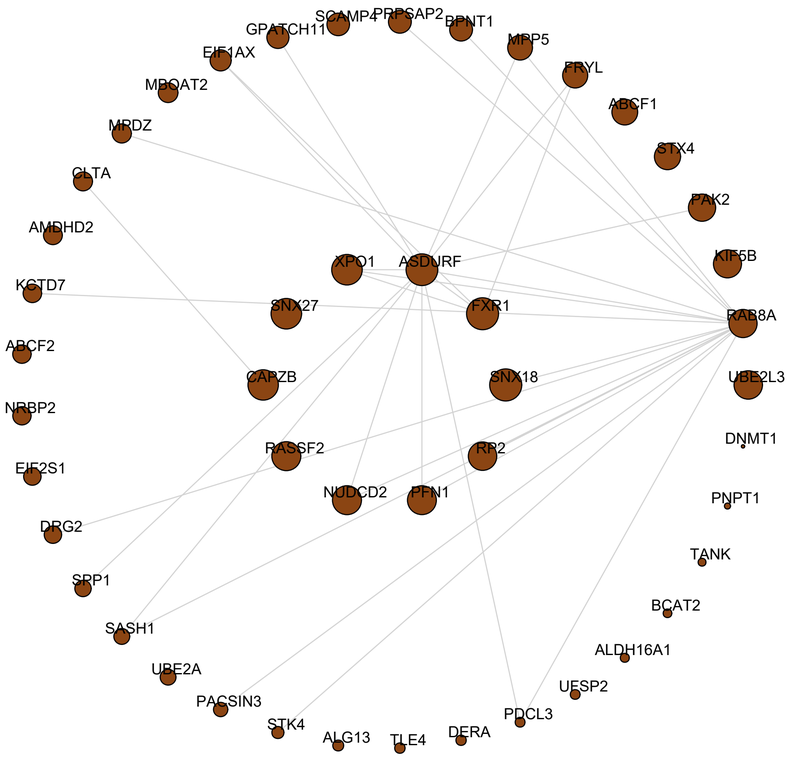

M29 saddlebrown
T-test p = 0.4
Eigenprotein Value
control
ftd

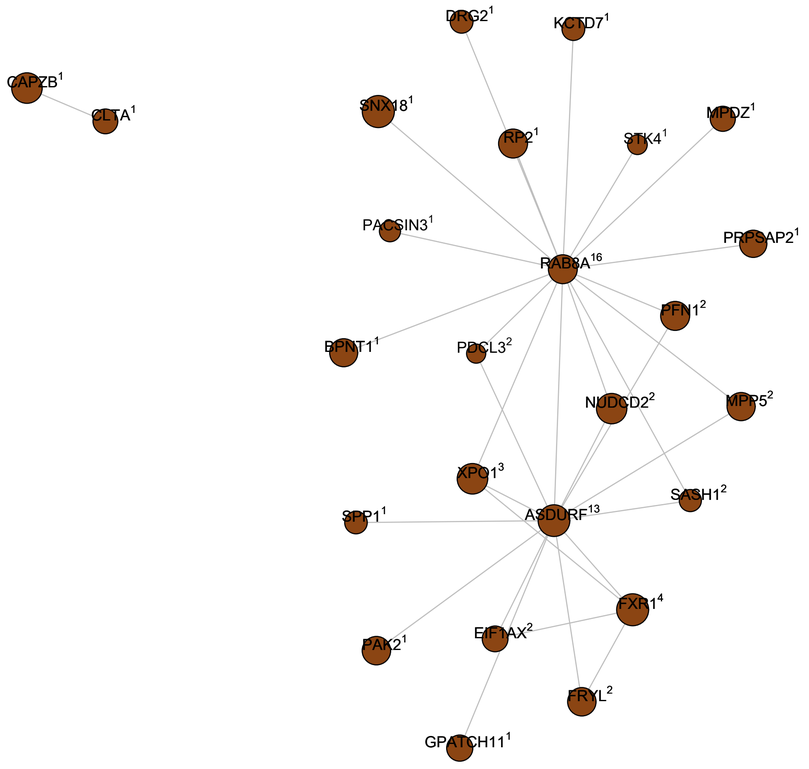

M29 saddlebrown
T-test p = 0.37
Eigenprotein Value
control
psp

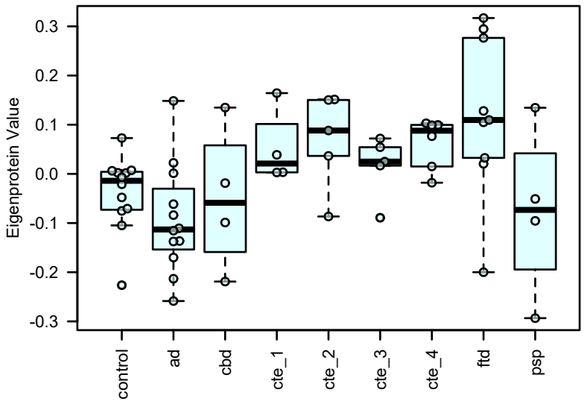

bicor=-0.21, p=0.11
cor=-0.19, p=0.14
Eigenprotein
Age

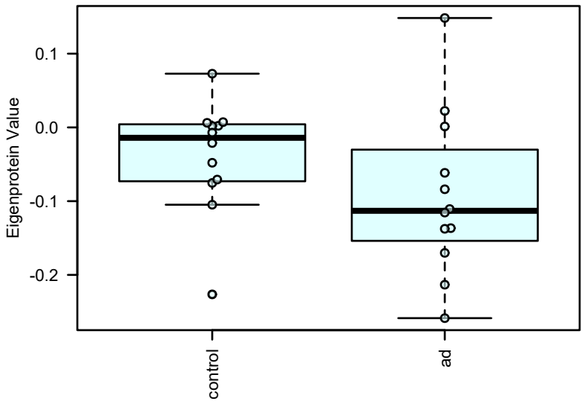

bicor=0.23, p=0.07
cor=0.22, p=0.088
Eigenprotein
Sex

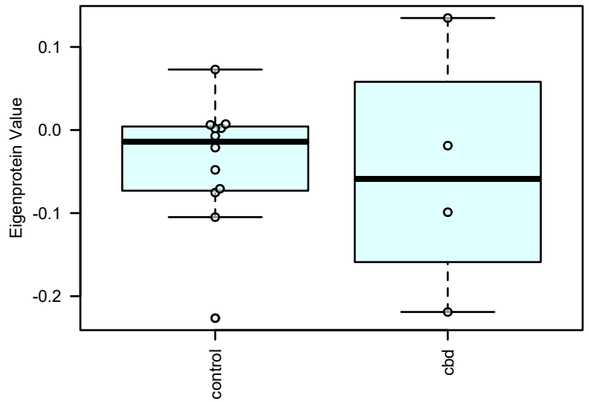

bicor=-0.49, p=6.8e-05
cor=-0.36, p=0.0044
Eigenprotein
PMI

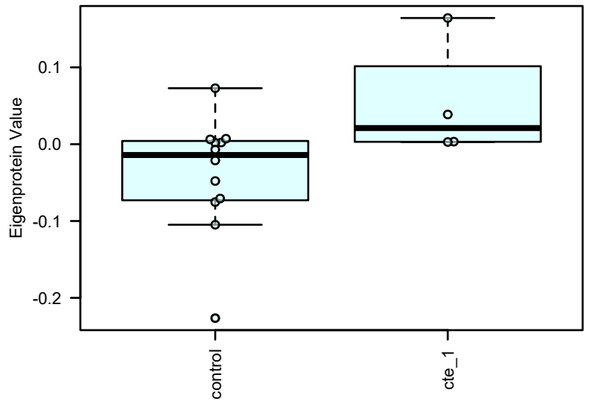

M29 saddlebrown module
GPATCH11
SCAMP4
PRPSAP2
BPNT1
MRPS5
EIF1AX
FRYL
MBOAT2
ABCF1
MRDZ
STX4
CLTA
PAK2
AMDHD2
XPO1
ASDURF
KIF5B
KCTD7
SNX27
FXR1
RAB8A
ABCF2
CAPZB
SNX18
UBE2L3
NRBP2
DNMT1
RASSF2
RP2
EIF2S1
NUDCD2
PFN1
PNPT1
DRG2
TANK
SRP1
BCAT2
SASH1
ALDH16A1
UBE2A
UFSP2
PACSIN3
PDCL3
STK4
ALG13
TLE4
DERA

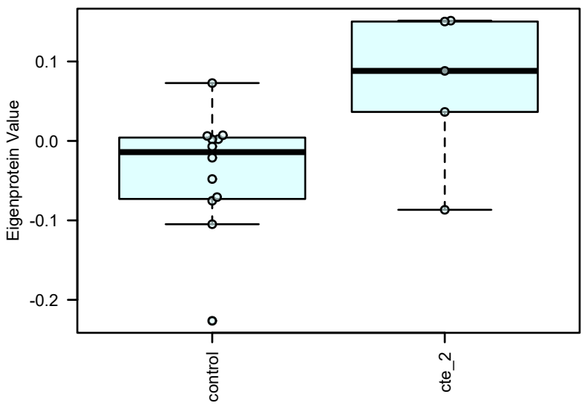

M29 saddlebrown module hubs connected by top 64 TOM edges: HUB^degree
CAPZB[1]
CLTA[1]
DRG2[1]
KCTD7[1]
SNX18[1]
RP2[1]
STK4[1]
MPDZ[1]
PACSIN3[1]
PRPSAP2[1]
RAB8A[16]
PFN1[2]
BPNT1[1]
PDCL3[2]
NUDCD2[2]
MPRS[2]
XPO1[3]
SASH1[2]
SRP1[1]
ASDURF[13]
FXR1[4]
EIF1AX[2]
PAK2[1]
FRYL[2]
GPATCH11[1]

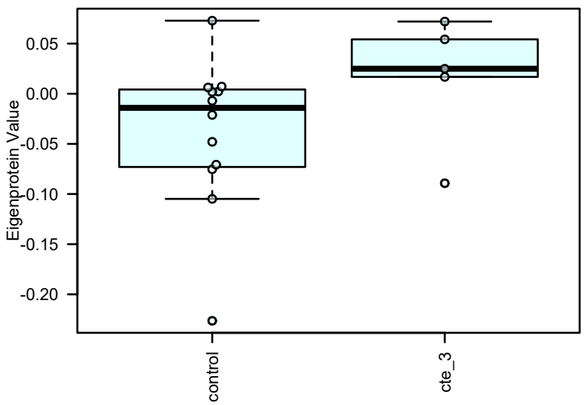

M16 lightcyan
1-way AOV p = 0.0032
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

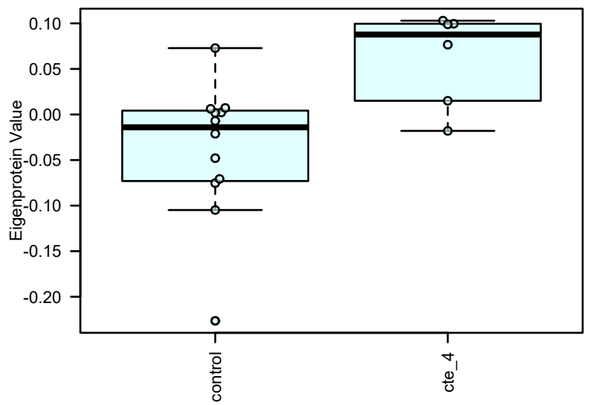

M16 lightcyan
T-test p = 0.17
Eigenprotein Value
control
ad

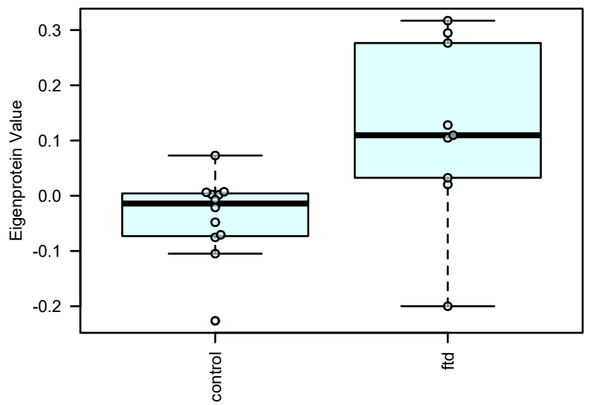

M16 lightcyan
T-test p = 0.83
Eigenprotein Value
control
cbd

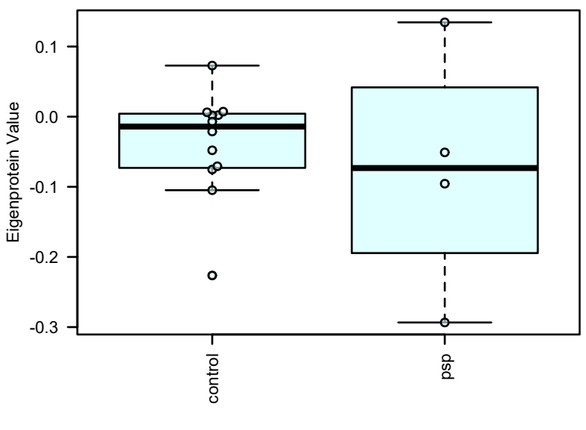

M16 lightcyan
T-test p = 0.057
Eigenprotein Value
control
cte_1

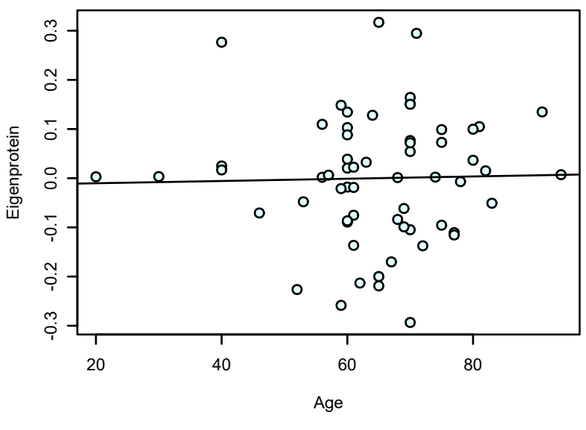

M16 lightcyan
T-test p = 0.029
Eigenprotein Value
control
cte_2

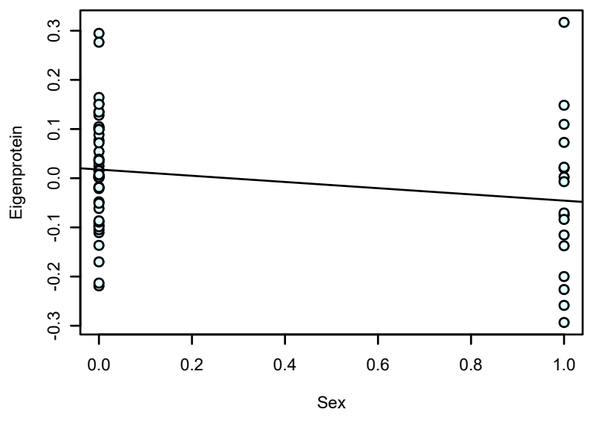

M16 lightcyan
T-test p = 0.18
Eigenprotein Value
control
cte_3

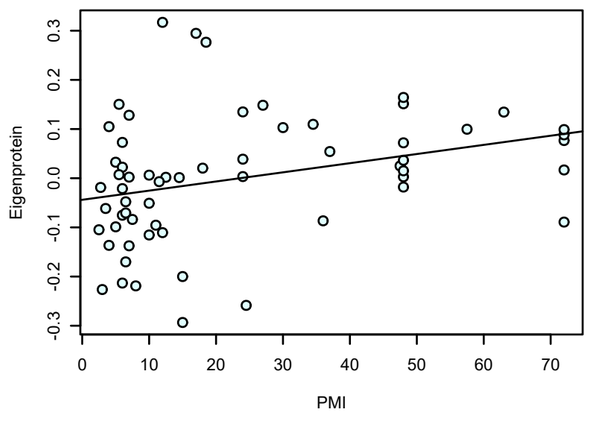

M16 lightcyan
T-test p = 0.0099
Eigenprotein Value
control
cte_4


M16 lightcyan
T-test p = 0.0076
Eigenprotein Value
control
ftd

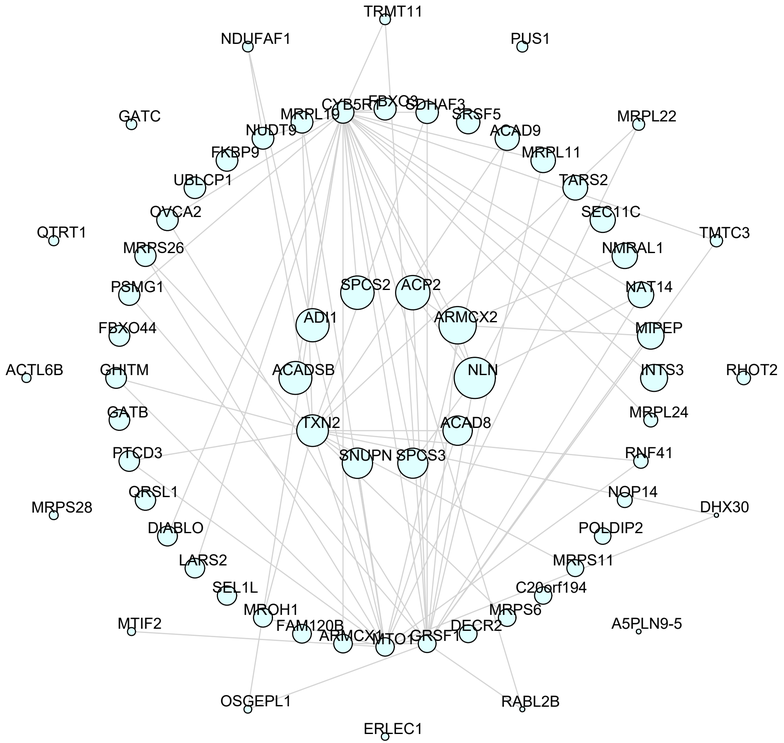

M16 lightcyan
T-test p = 0.55
Eigenprotein Value
control
psp


bicor=0.063, p=0.63
cor=0.024, p=0.85
Eigenprotein
Age

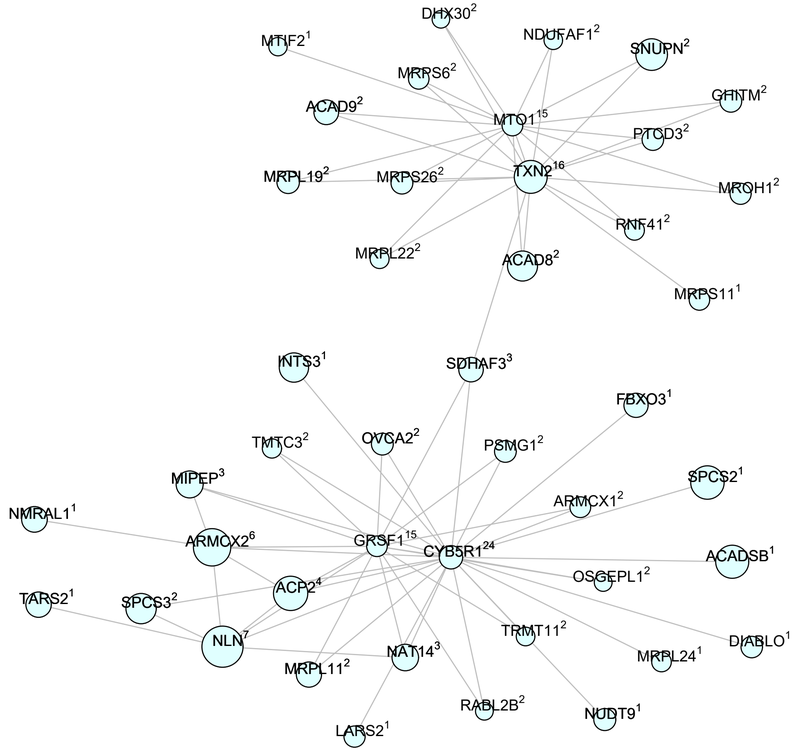

bicor=-0.22, p=0.082
cor=-0.22, p=0.088
Eigenprotein
Sex

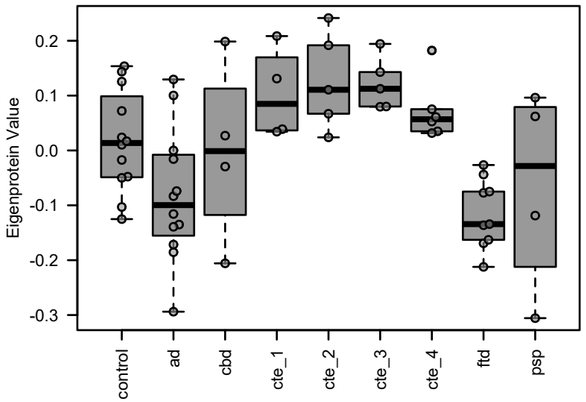

bicor=0.35, p=0.0057
cor=0.32, p=0.012
Eigenprotein
PMI

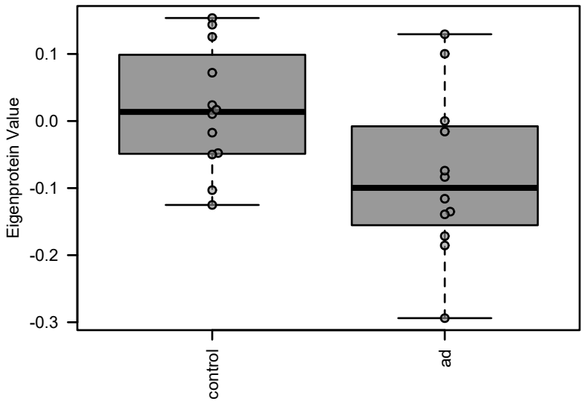
M16 lightcyan module

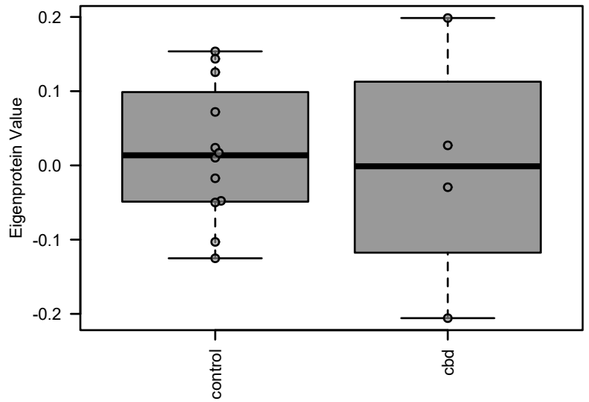


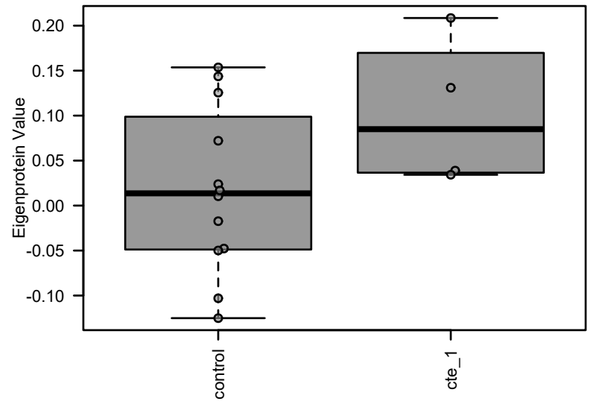
M16 lightcyan module hubs connected by top 152 TOM edges: HUB^{degree}

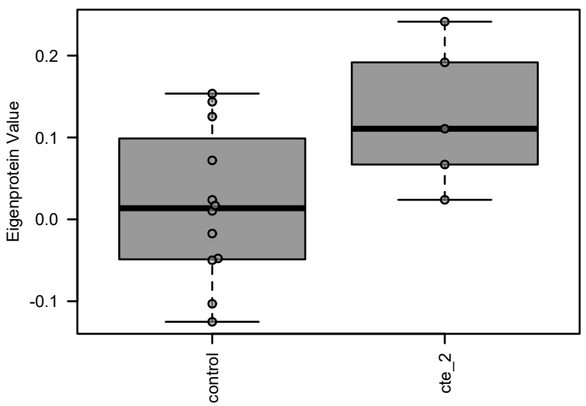


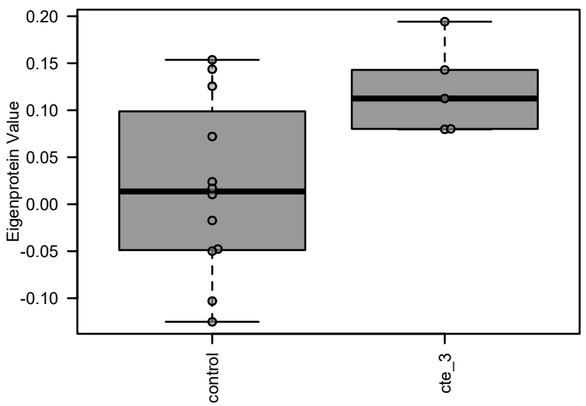

M17 grey60
1-way AOV p = 6.6e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

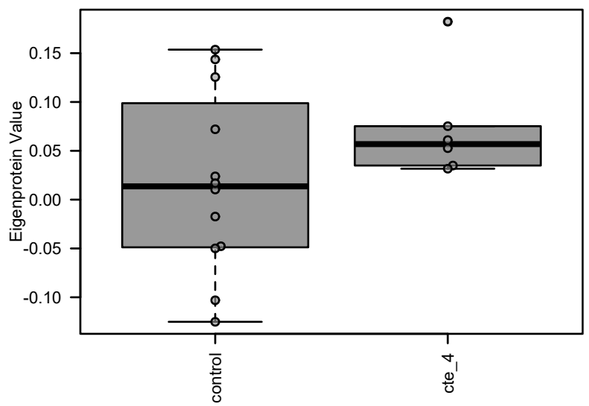

M17 grey60
T-test p = 0.034
Eigenprotein Value
control
ad

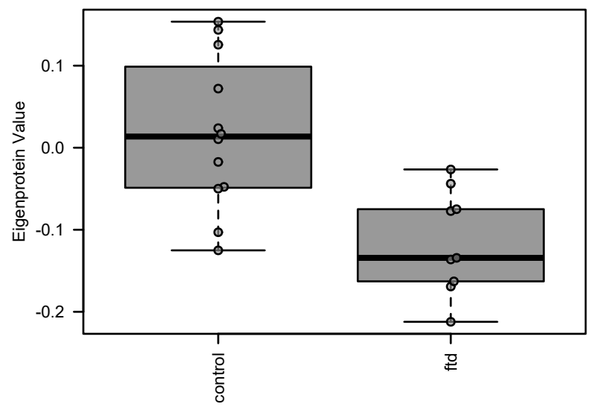

M17 grey60
T-test p = 0.77
Eigenprotein Value
control
cbd

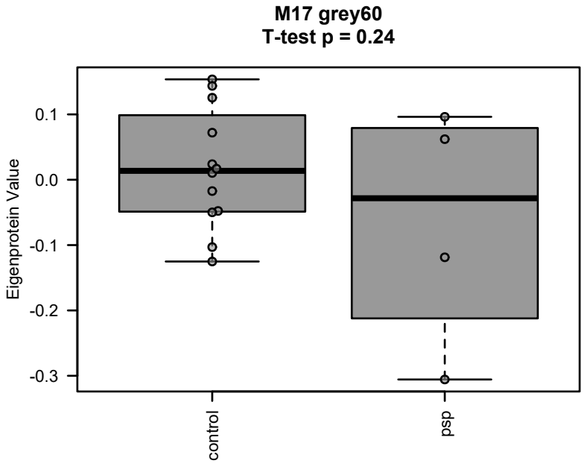

M17 grey60
T-test p = 0.12
Eigenprotein Value
control
cte_1

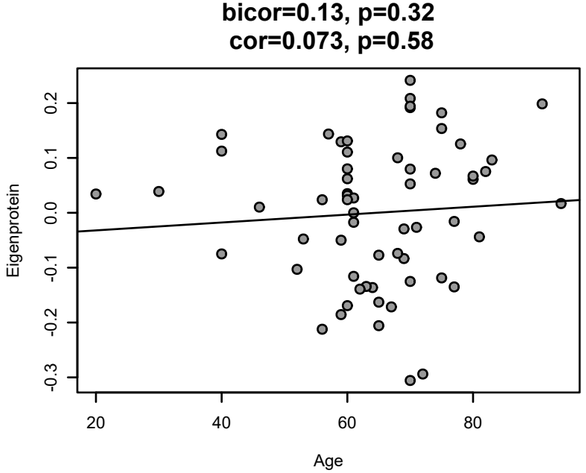

M17 grey60
T-test p = 0.039
Eigenprotein Value
control
cte_2

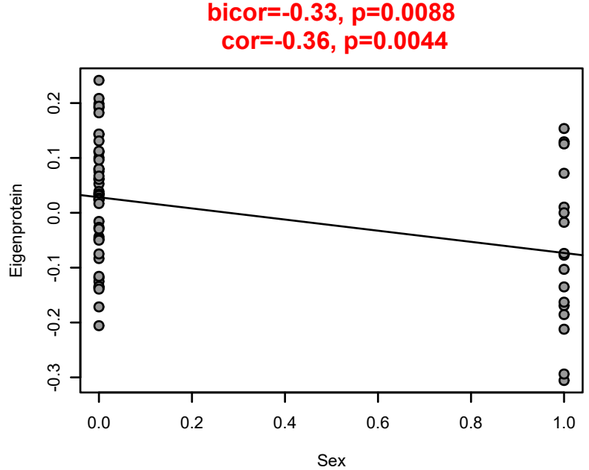

M17 grey60
T-test p = 0.031
Eigenprotein Value
control
cte_3

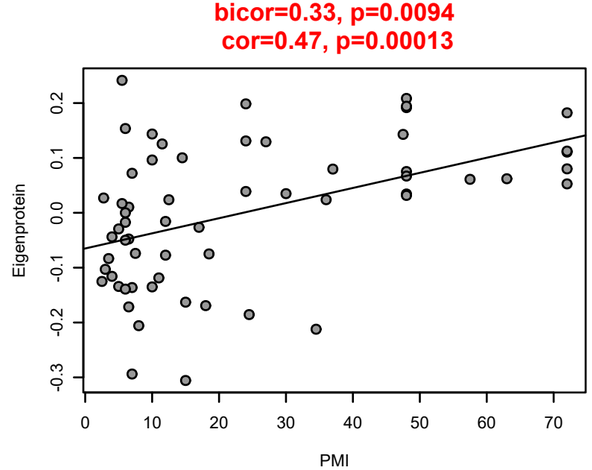

M17 grey60
T-test p = 0.19
Eigenprotein Value
control
cte_4


M17 grey60
T-test p = 0.0016
Eigenprotein Value
control
ftd

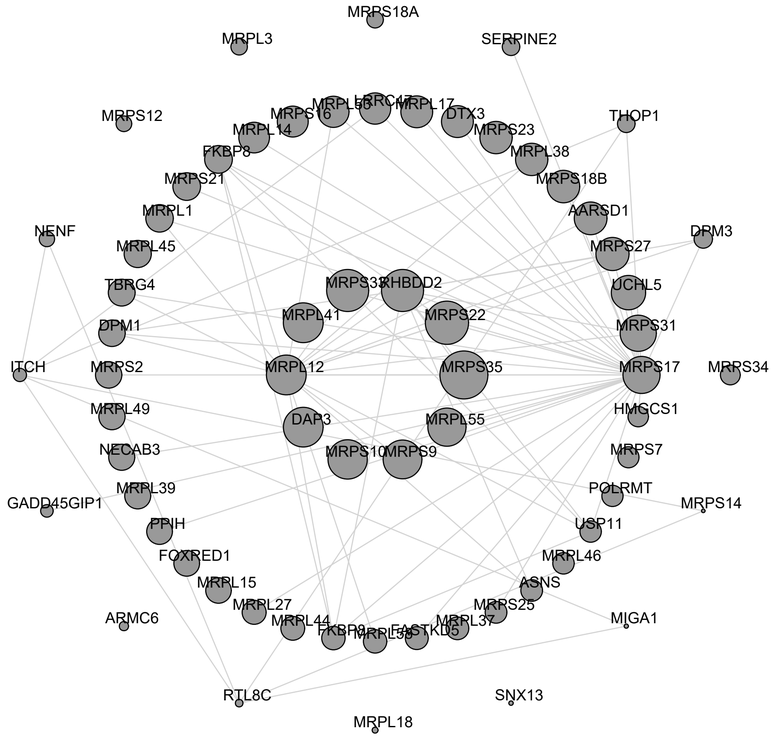

M17 grey60
T-test p = 0.24
Eigenprotein Value
control
psp


bicor=0.13, p=0.32
cor=0.073, p=0.58
Eigenprotein
Age

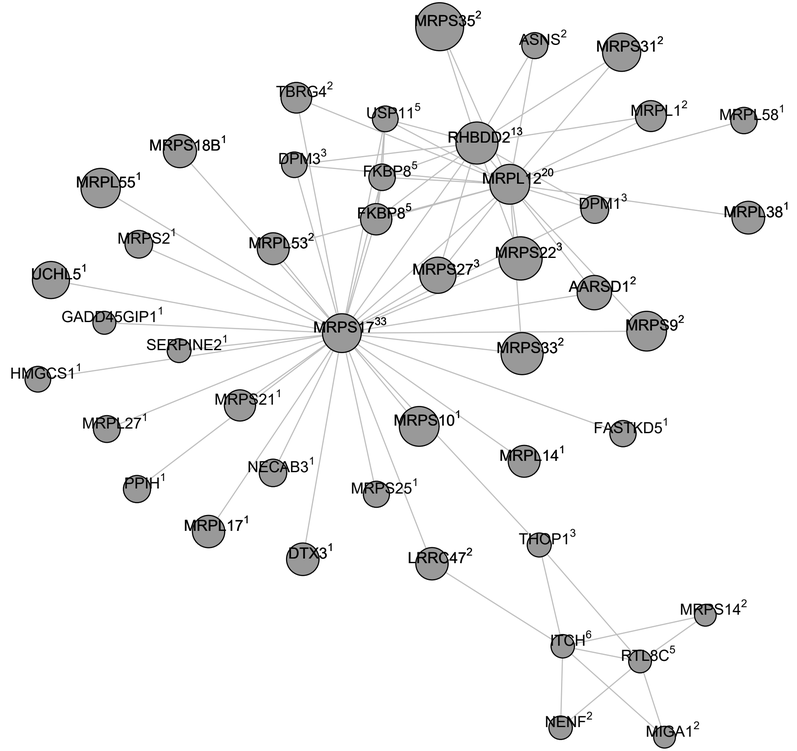

bicor=-0.33, p=0.0088
cor=-0.36, p=0.0044
Eigenprotein
Sex

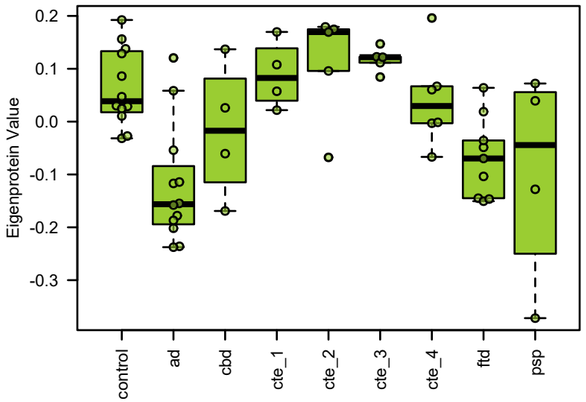

bicor=0.33, p=0.0094
cor=0.47, p=0.00013
Eigenprotein
PMI

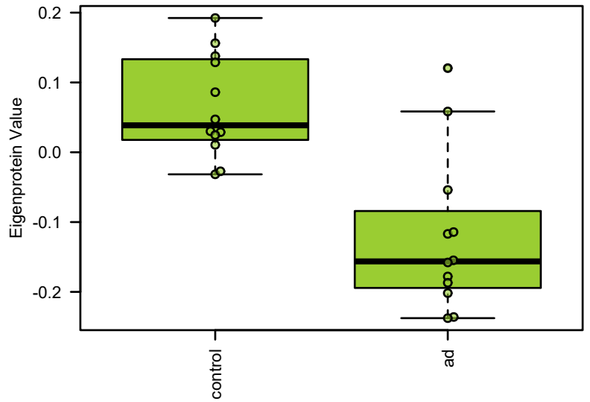
M17 grey60 module

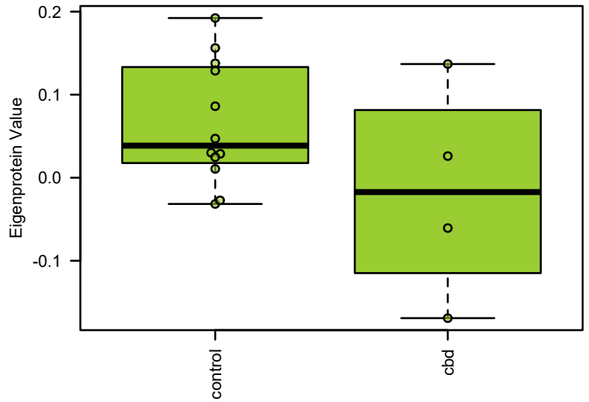


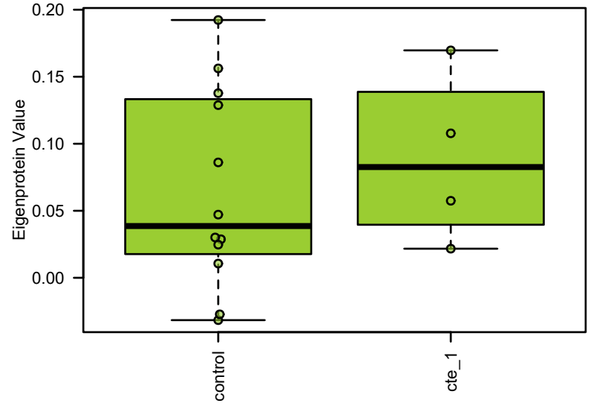
M17 grey60 module hubs connected by top 152 TOM edges: HUB^{degree}

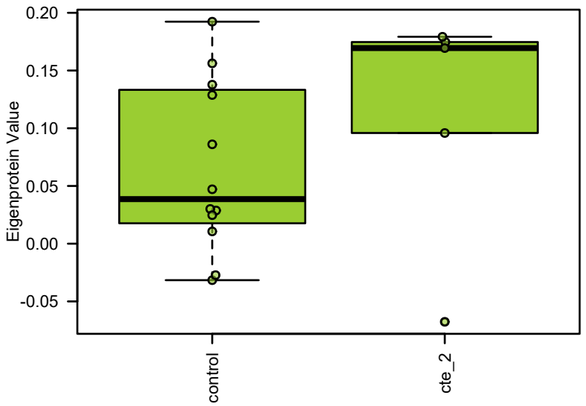


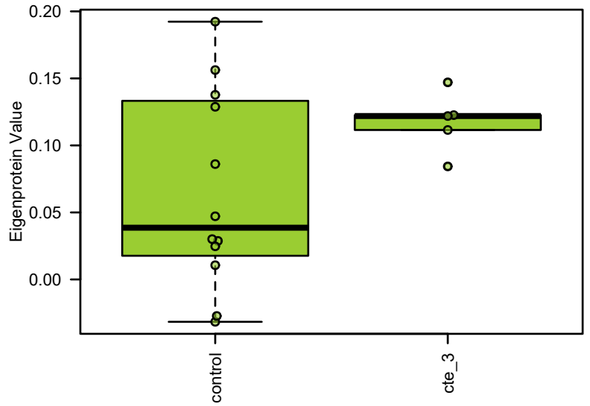

M36 yellowgreen
1-way AOV p = 1.7e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

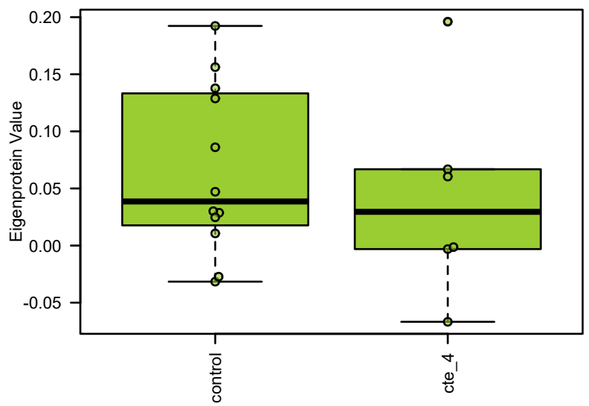

M36 yellowgreen
T-test p = 8.1e-05
Eigenprotein Value
control
ad

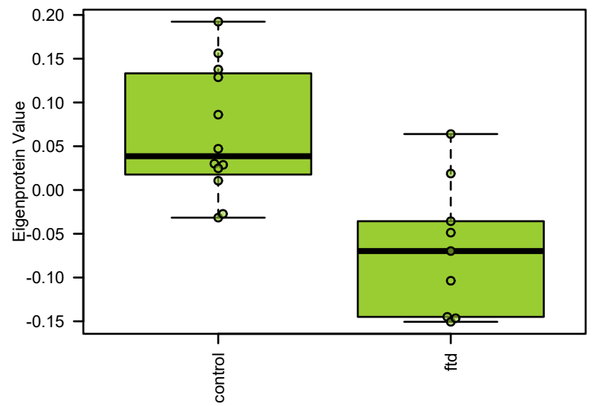

M36 yellowgreen
T-test p = 0.13
Eigenprotein Value
control
cbd

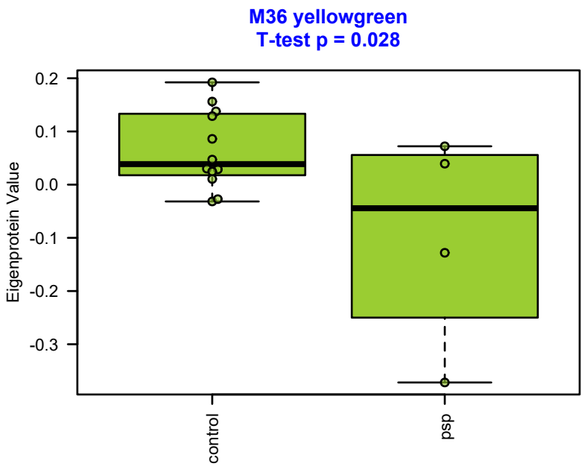

M36 yellowgreen
T-test p = 0.57
Eigenprotein Value
control
cte_1

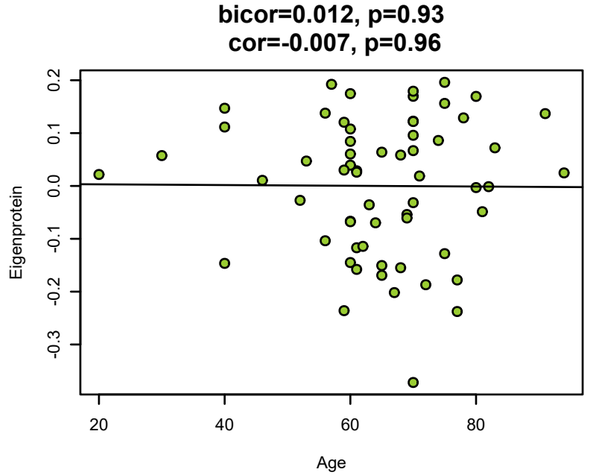

M36 yellowgreen
T-test p = 0.33
Eigenprotein Value
control
cte_2

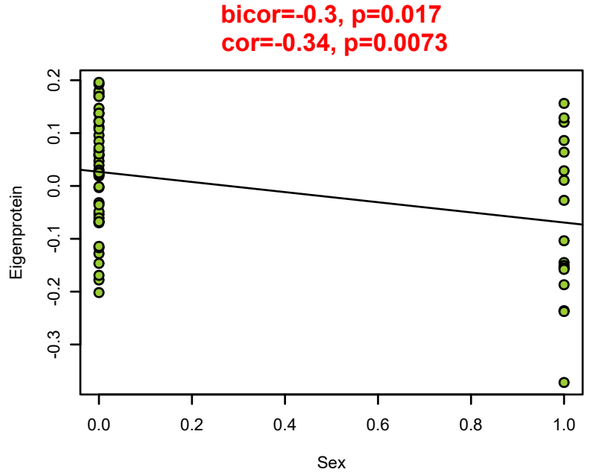

M36 yellowgreen
T-test p = 0.15
Eigenprotein Value
control
cte_3

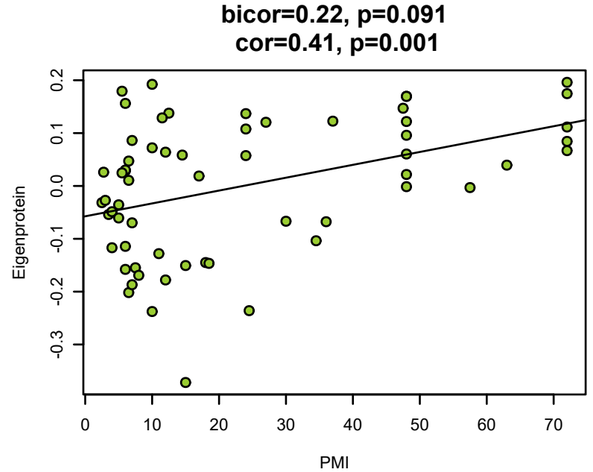

M36 yellowgreen
T-test p = 0.56
Eigenprotein Value
control
cte_4

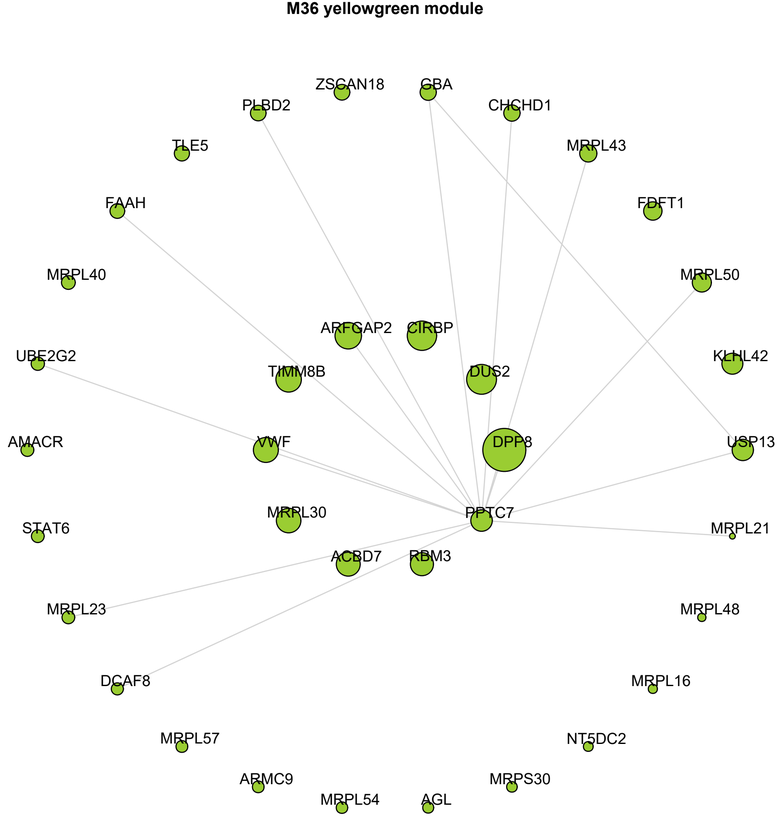

M36 yellowgreen
T-test p = 0.00067
Eigenprotein Value
control
ftd

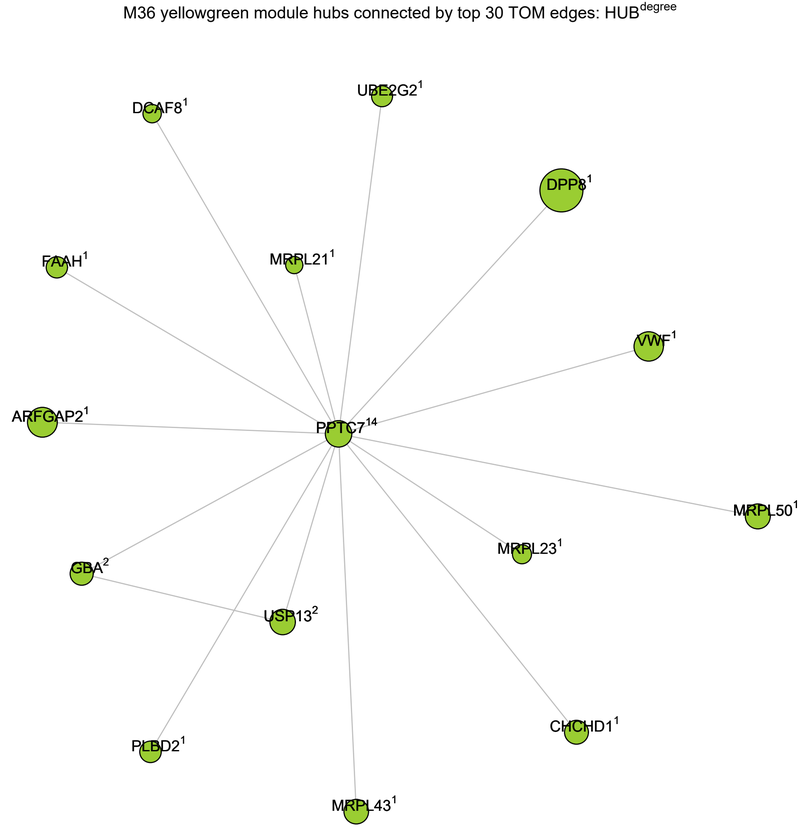

M36 yellowgreen
T-test p = 0.028
Eigenprotein Value
control
psp

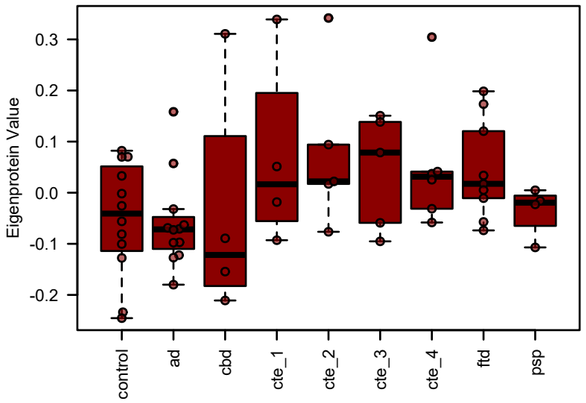

bicor=0.012, p=0.93
cor=-0.007, p=0.96
Eigenprotein
Age

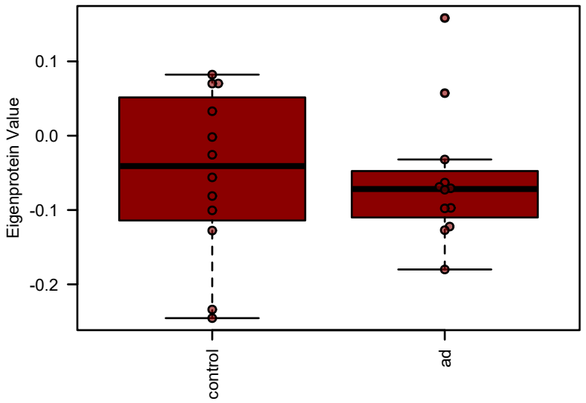

bicor=-0.3, p=0.017
cor=-0.34, p=0.0073
Eigenprotein
Sex

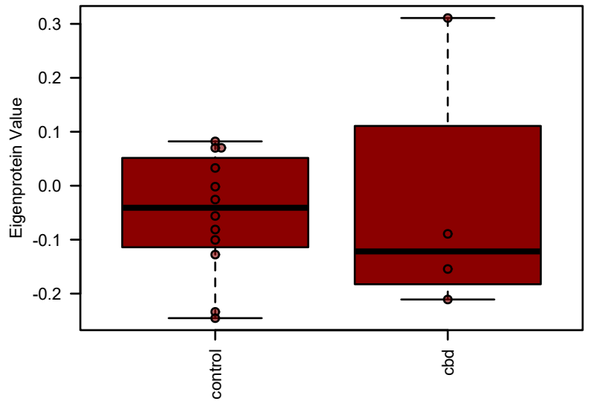

bicor=0.22, p=0.091
cor=0.41, p=0.001
Eigenprotein
PMI

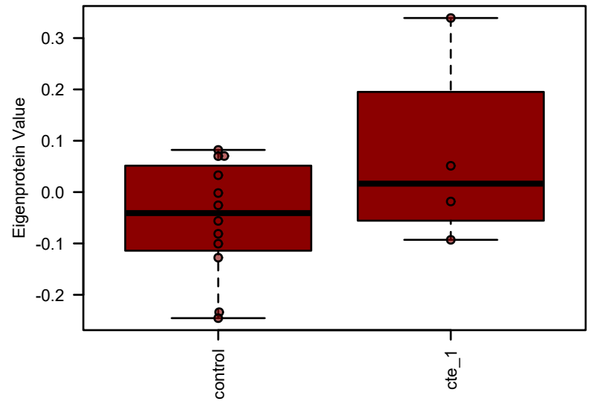

M36 yellowgreen module
ZSCAN18
GBA
PLBD2
CHCHD1
TLE5
MRPL43
FAAH
FDFT1
MRPL40
MRPL50
ARFGAP2
CIRBP
UBE2G2
KLHL42
TIMM8B
DUS2
AMACR
VWF
DPP8
USP13
MRPL30
PPTC7
STAT6
MRPL21
ACBD7
RBM3
MRPL23
MRPL48
DCAF8
MRPL16
MRPL57
NT5DC2
ARMC9
MRPS30
MRPL54
AGL

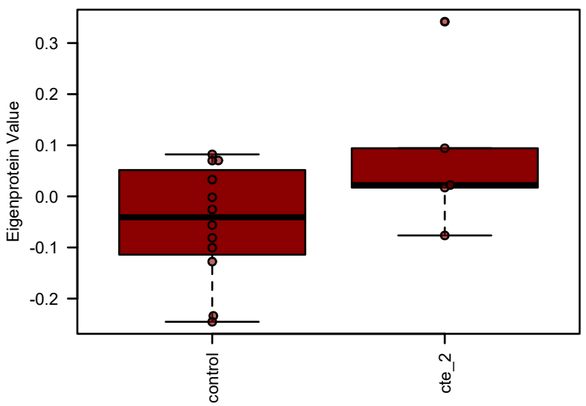

M36 yellowgreen module hubs connected by top 30 TOM edges: HUB degree
UBE2G2 1
DCAF8 1
DPP8 1
FAAH 1
MRPL21 1
VWF 1
ARFGAP2 1
PPTC7 14
MRPL50 1
MRPL23 1
GBA 2
USP13 2
CHCHD1 1
PLBD2 1
MRPL43 1

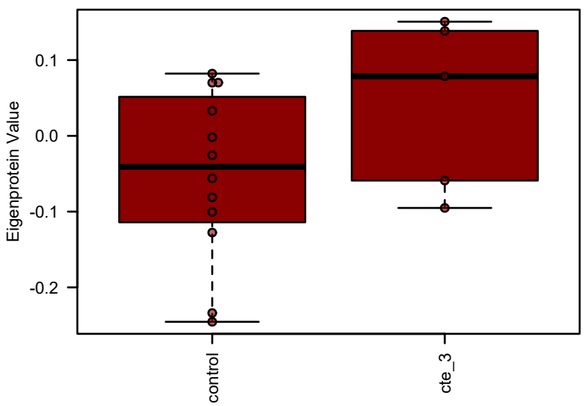

M21 darkred
1-way AOV p = 0.21
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

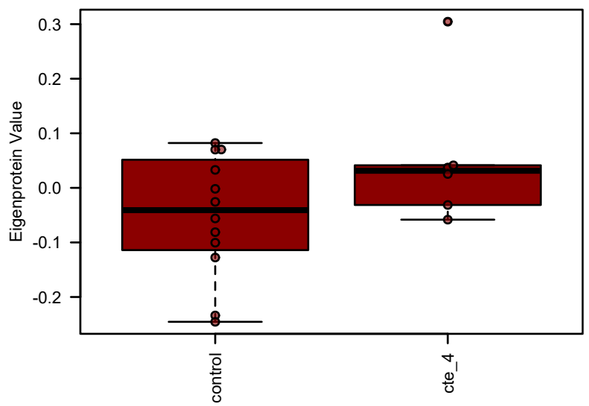

M21 darkred
T-test p = 0.84
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
ad

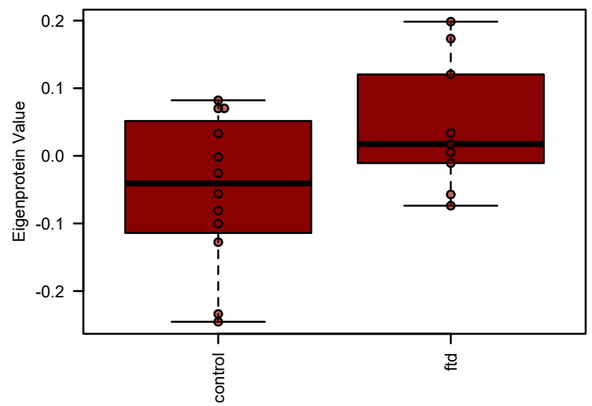

M21 darkred
T-test p = 0.86
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cbd

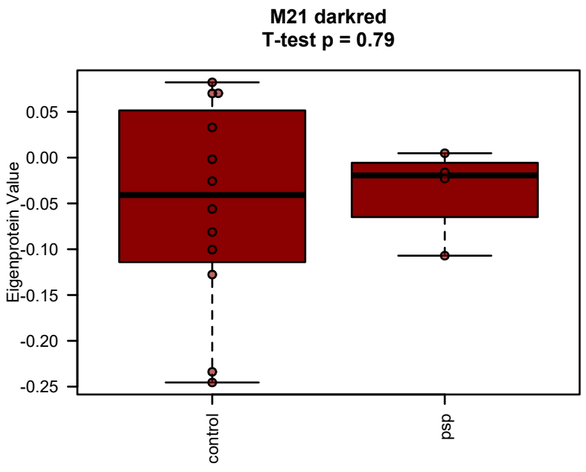

M21 darkred
T-test p = 0.13
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

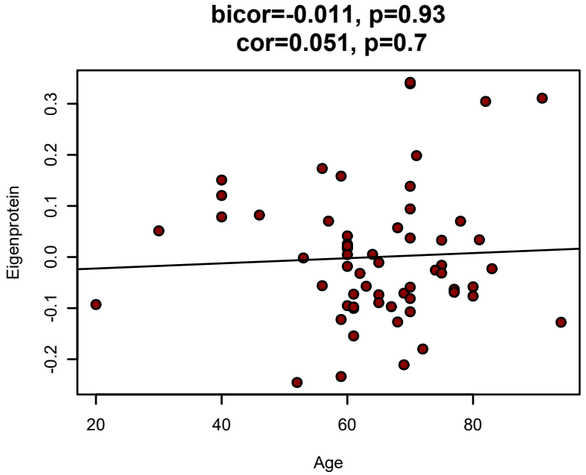

M21 darkred
T-test p = 0.069
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

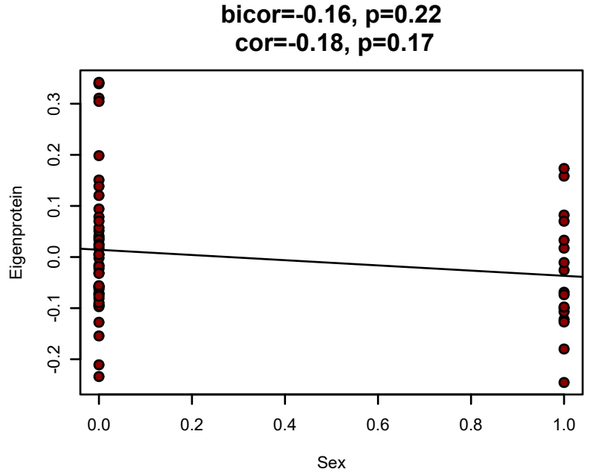

M21 darkred
T-test p = 0.14
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_3

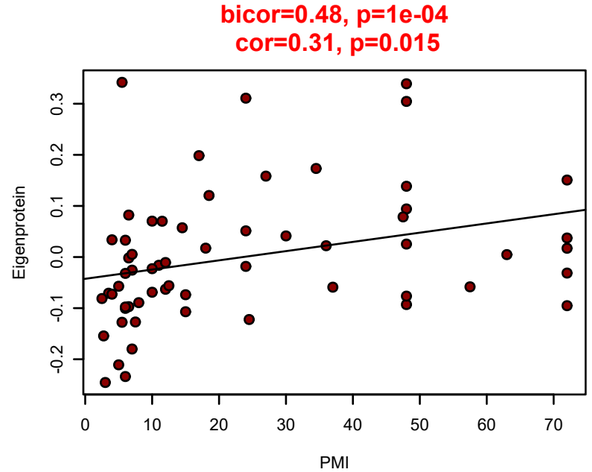

M21 darkred
T-test p = 0.095
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

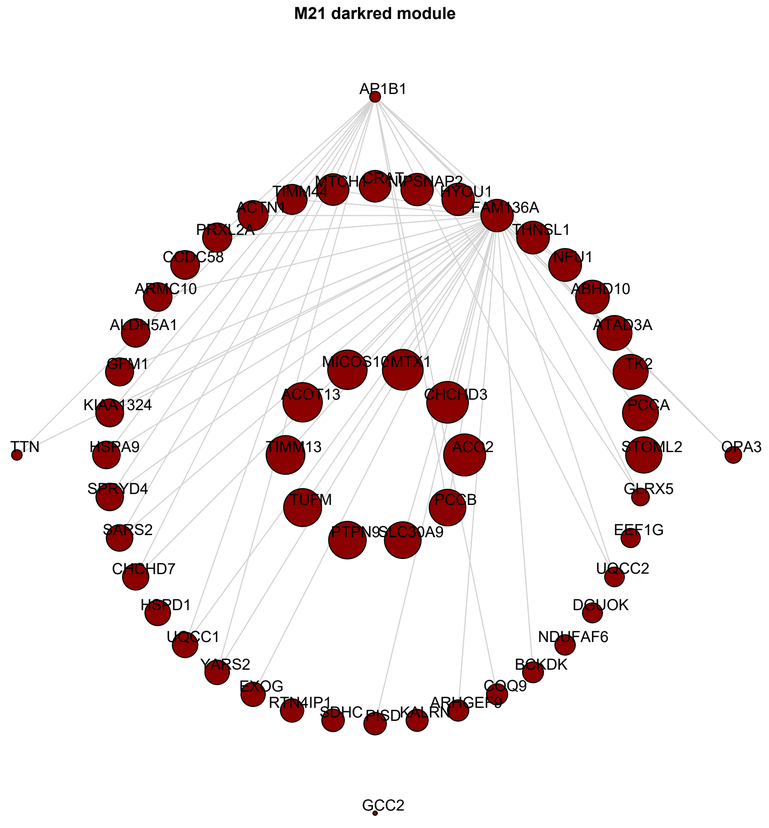

M21 darkred
T-test p = 0.053
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

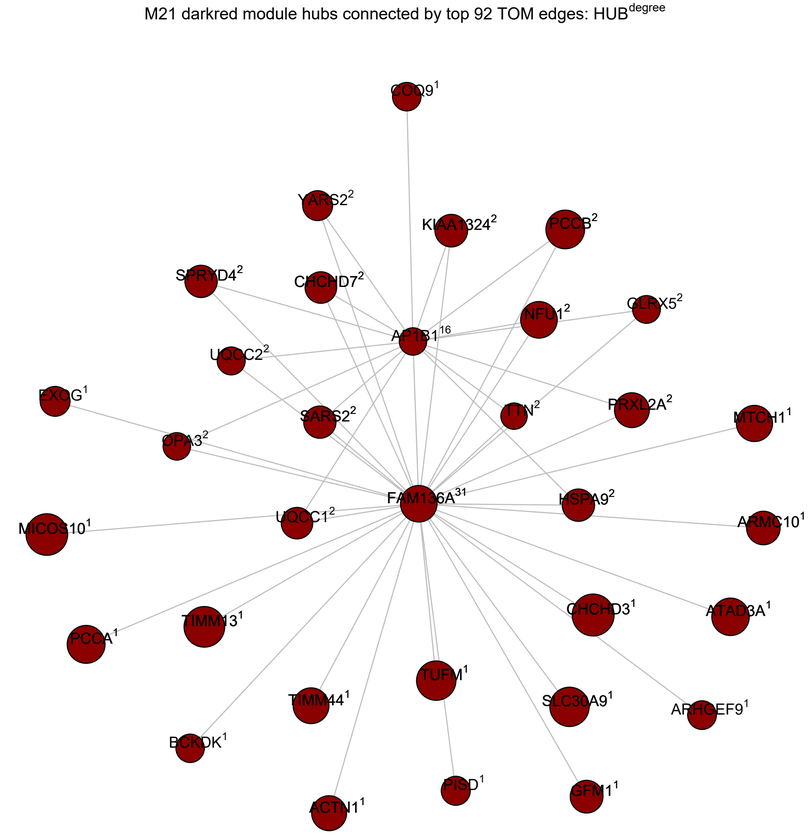

M21 darkred
T-test p = 0.79
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
psp

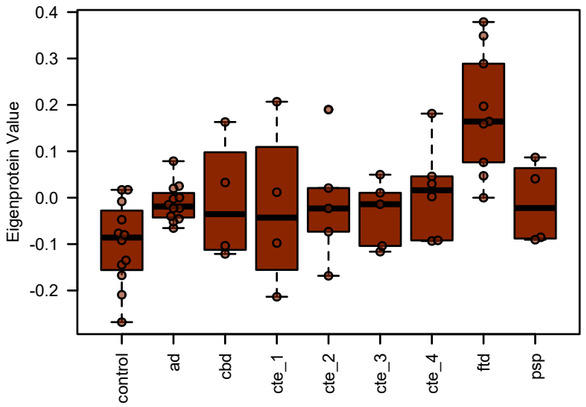

bicor=-0.011, p=0.93
cor=0.051, p=0.7
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

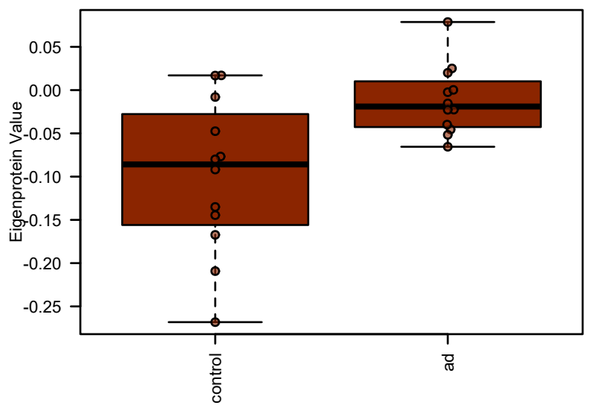

bicor=-0.16, p=0.22
cor=-0.18, p=0.17
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

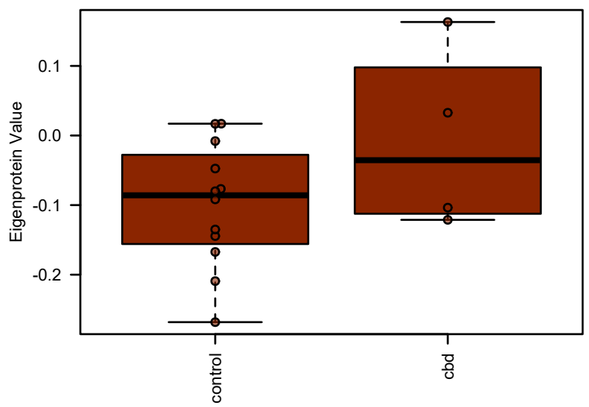

bicor=0.48, p=1e-04
cor=0.31, p=0.015
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

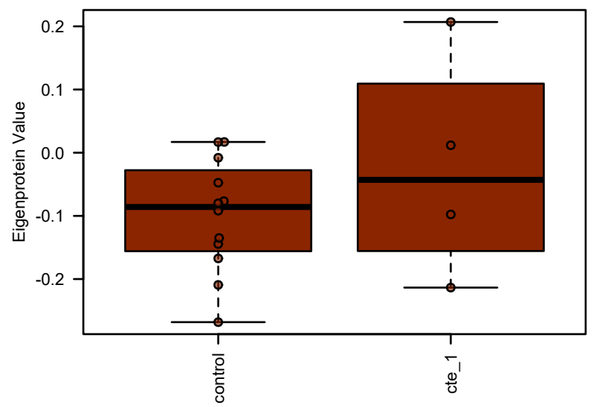

M21 darkred module
AP1B1
MTCH1
CRNDE
PSMAP2
TMEM41B
HYOU1
ACTN1
FAM136A
PRKAR2A
TOMM5L1
CCDC58
NFU1
ARMC10
ABHD10
ALDH5A1
ATAD3A
GFM1
MICOS10
MTX1
TK2
KIAA1324
ACOT13
CHCHD3
PCCA
TTN
HSPA9
TIMM13
ACO2
STOML2
ORA3
SPRYD4
GLRX5
TUFM
PCCB
SARS2
PTPN9
SLC30A9
EEF1G
CHCHD7
UQCC2
HSPD1
DGUOK
UQCC1
NDUFAF6
YARS2
BCKDK
EXOG
COQ9
RTN4IP1
SDHC
PISD
KALRN
ARHGEF9
GCC2

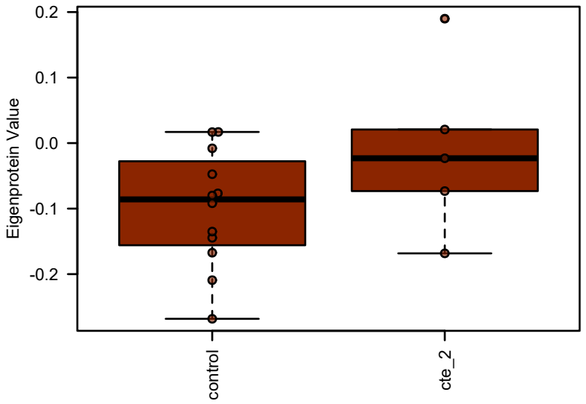

M21 darkred module hubs connected by top 92 TOM edges: HUB degree
COQ9 1
YARS2 2
KIAA1324 2
PCCB 2
SPRYD4 2
CHCHD7 2
NFU1 2
CLRX5 2
AP1B1 16
UQCC2 2
EXOG 1
SARS2 2
TTN 2
PRXL2A 2
MTCH1 1
ORA3 2
FAM136A 31
HSPA9 2
MICOS10 1
UQCC1 2
ARMC10 1
CHCHD3 1
ATAD3A 1
TIMM13 1
PCCA 1
TUFM 1
TIMM44 1
SLC30A9 1
ARHGEF9 1
BCKDK 1
PISD 1
GFM1 1
ACTN1 1

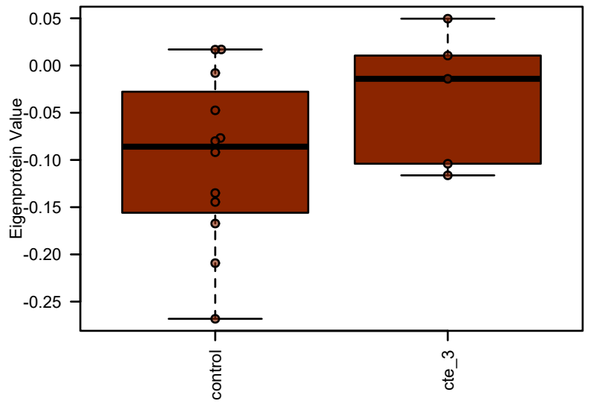

M39 orangered4
1-way AOV p = 0.00011
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

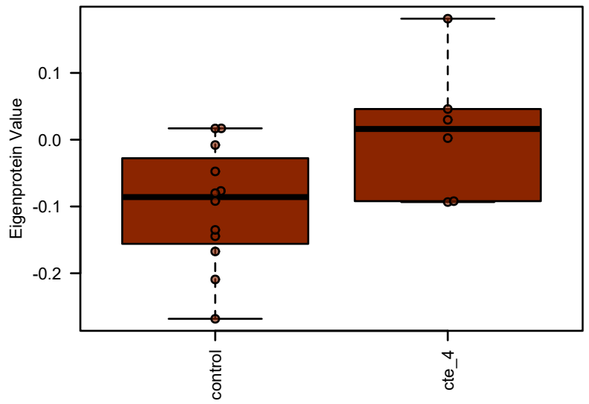

M39 orangered4
T-test p = 0.0051
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
ad

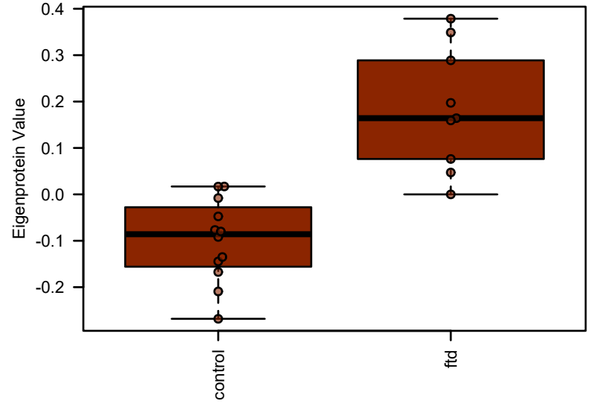

M39 orangered4
T-test p = 0.13
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cbd

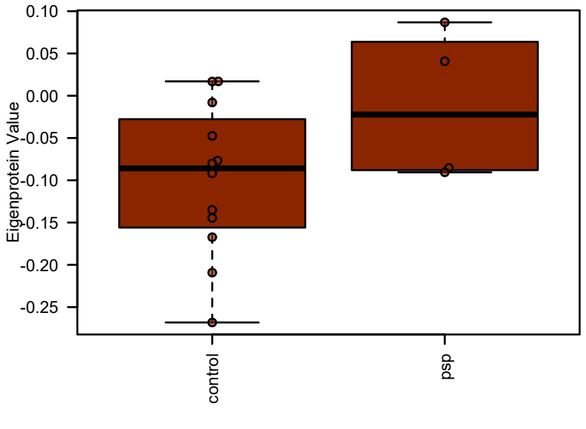

M39 orangered4
T-test p = 0.27
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

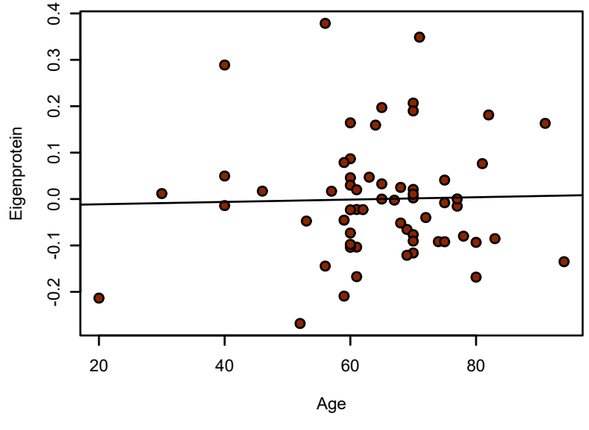

M39 orangered4
T-test p = 0.12
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

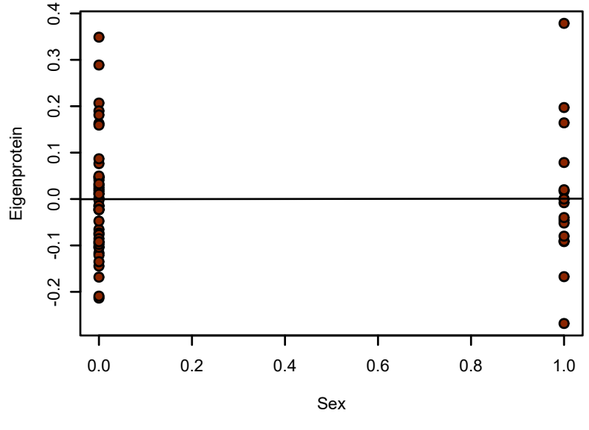

M39 orangered4
T-test p = 0.17
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_3

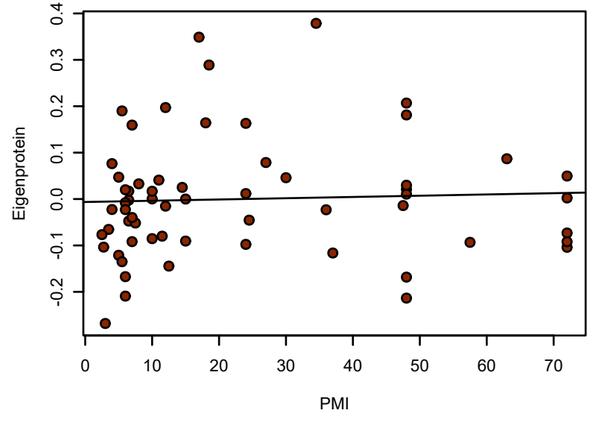

M39 orangered4
T-test p = 0.029
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_4

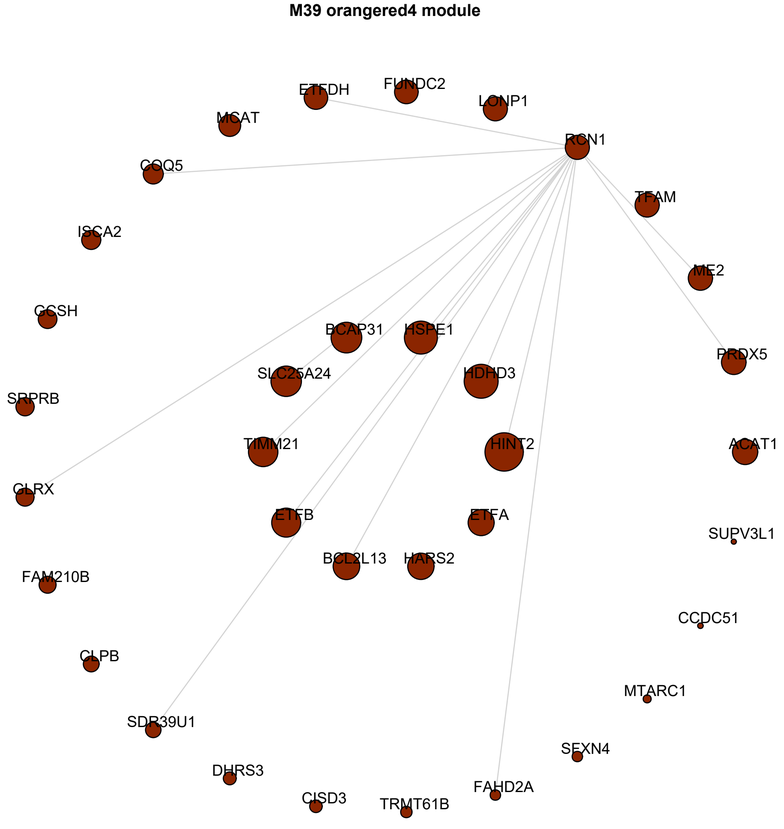

M39 orangered4
T-test p = 1.2e-05
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

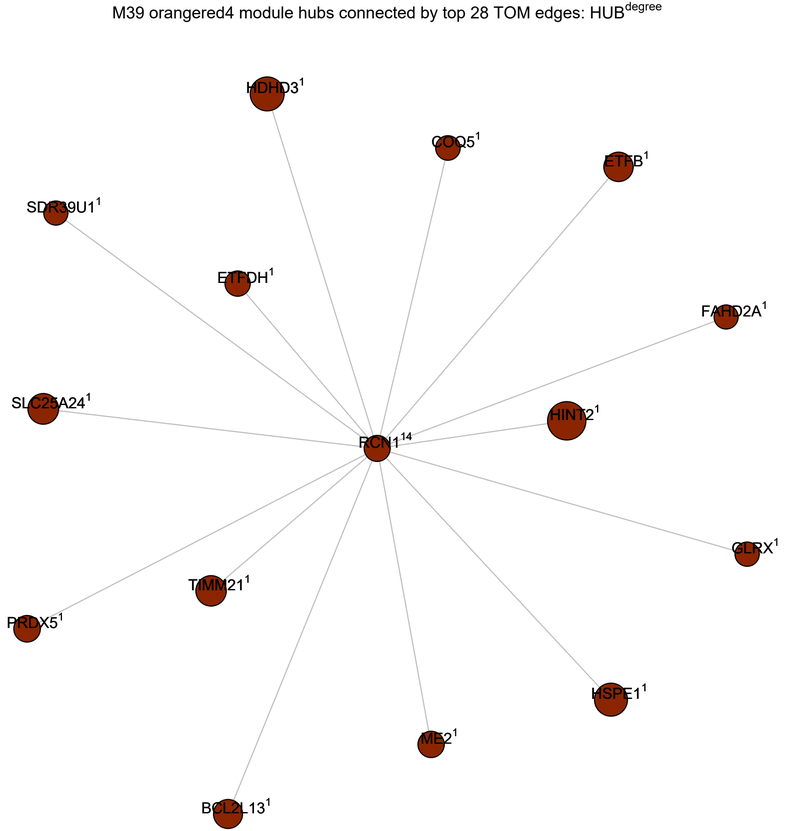

M39 orangered4
T-test p = 0.11
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
psp

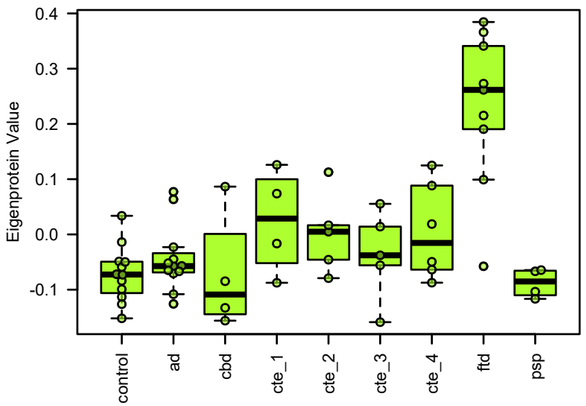

bicor=-0.031, p=0.81
cor=0.026, p=0.84
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

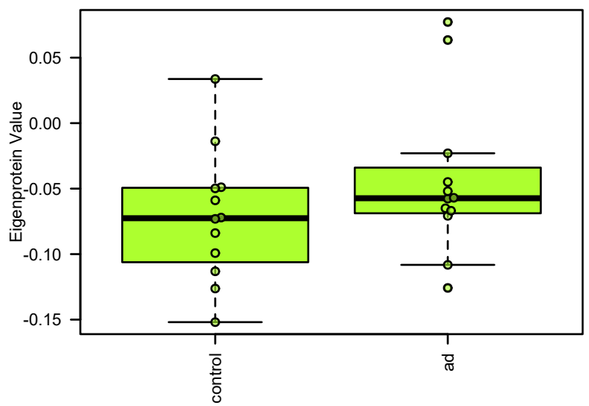

bicor=-0.014, p=0.91
cor=0.0037, p=0.98
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

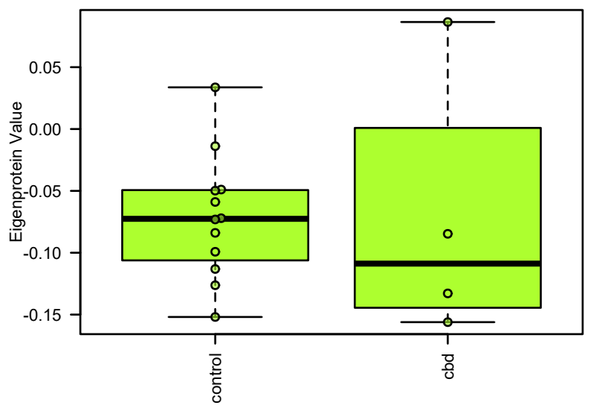

bicor=0.2, p=0.13
cor=0.046, p=0.72
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

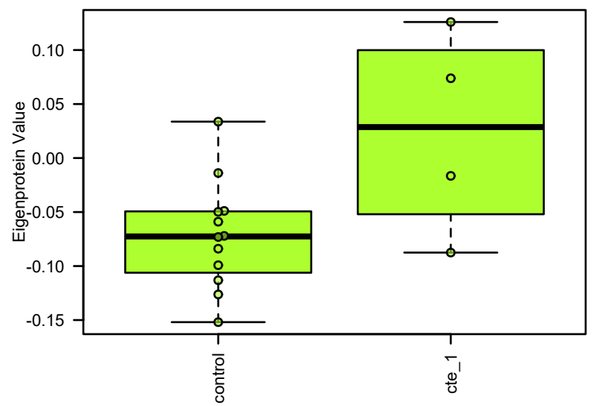

M39 orangered4 module
ETFDH
FUNDC2
LONP1
MCAT
RCN1
COQ5
TFAM
ISCA2
ME2
GCSH
BCAP31
HSPE1
PRDX5
SLC25A24
HDHD3
SPPRB
TIMM21
HINT2
ACAT1
CLRX
ETFB
ETFA
SUPV3L1
BCL2L13
HARS2
FAM210B
CCDC51
CLPB
MTARC1
SDR39U1
SFXN4
DHRS3
FAHD2A
CISD3
TRMT61B

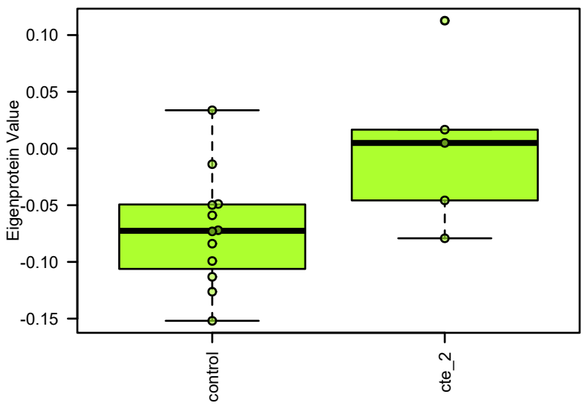

M39 orangered4 module hubs connected by top 28 TOM edges: HUB degree
HDHD3 1
COQ5 1
ETFB 1
SDR39U1 1
ETFDH 1
FAHD2A 1
SLC25A24 1
HINT2 1
RCN1 14
CLRX 1
TIMM21 1
PRDX5 1
HSPE1 1
ME2 1
BCL2L13 1

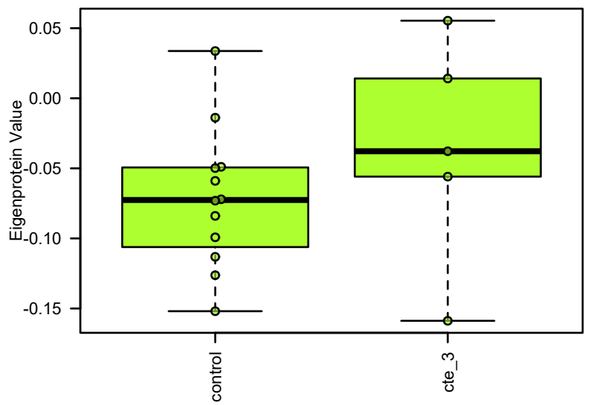

M11 greenyellow
1-way AOV p = 9.1e-09
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

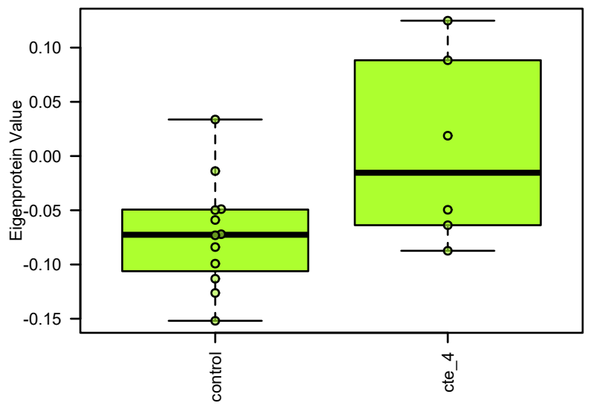

M11 greenyellow
T-test p = 0.24
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
ad

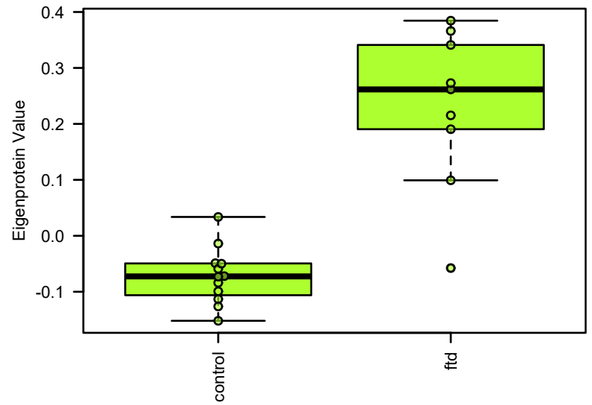

M11 greenyellow
T-test p = 0.99
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

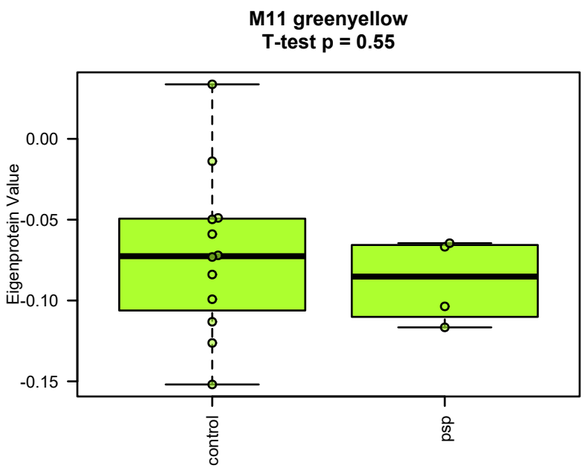

M11 greenyellow
T-test p = 0.019
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

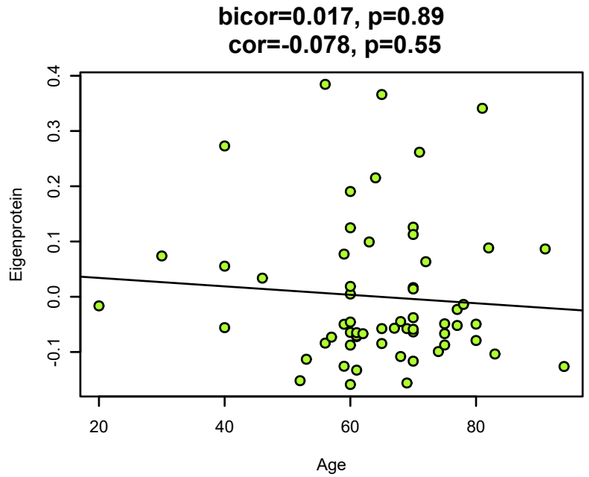

M11 greenyellow
T-test p = 0.029
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

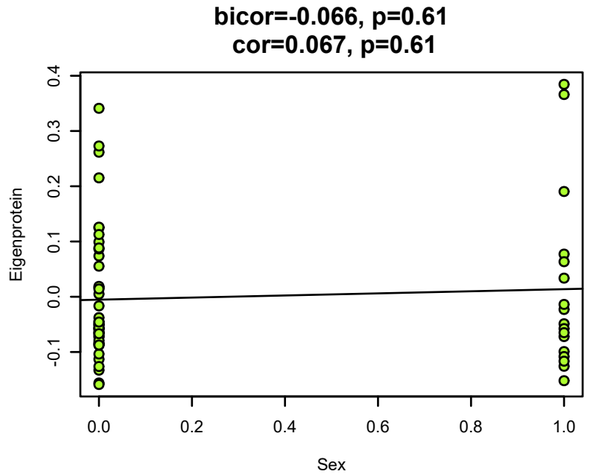

M11 greenyellow
T-test p = 0.29
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

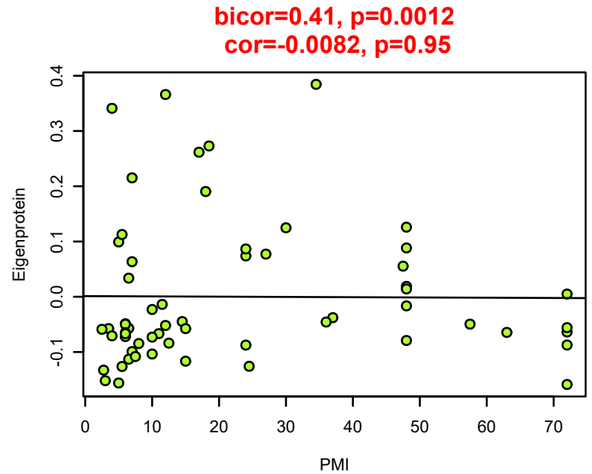

M11 greenyellow
T-test p = 0.029
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4


M11 greenyellow
T-test p = 1.4e-06
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

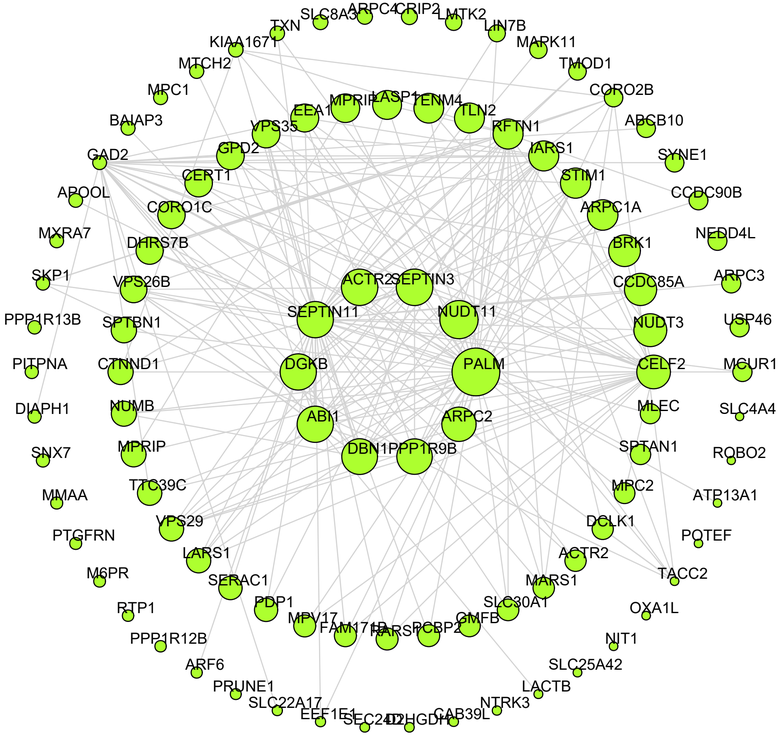

M11 greenyellow
T-test p = 0.55
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
control
psp


bicor=0.017, p=0.89
cor=-0.078, p=0.55
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
20
40
60
80
Age

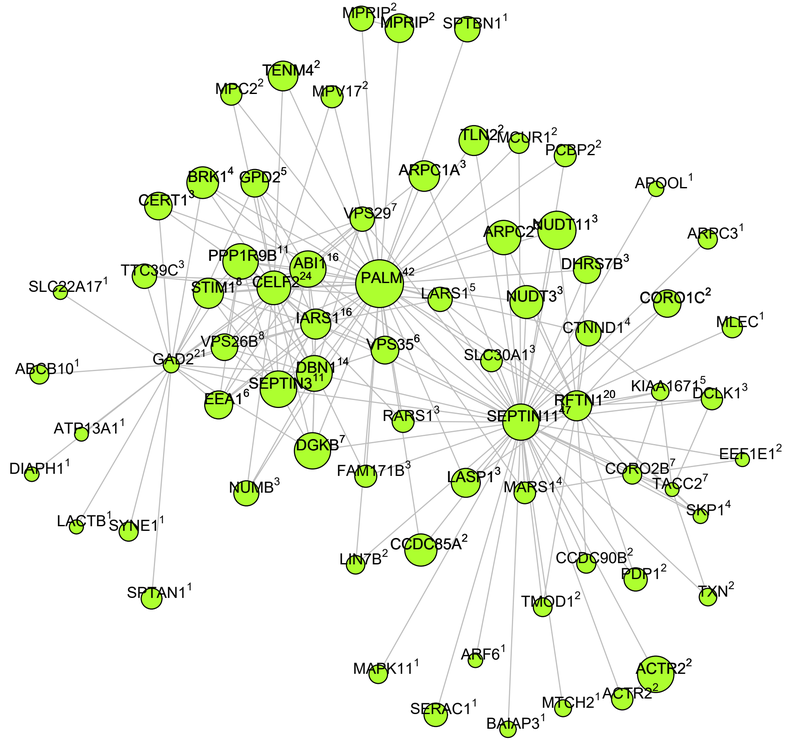

bicor=-0.066, p=0.61
cor=0.067, p=0.61
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
0.0
0.2
0.4
0.6
0.8
1.0
Sex

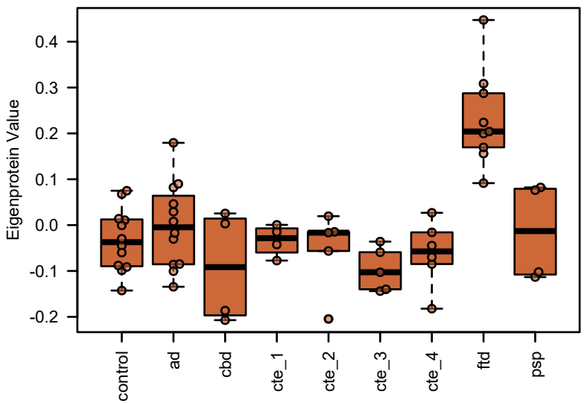

bicor=0.41, p=0.0012
cor=-0.0082, p=0.95
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
0
10
20
30
40
50
60
70
PMI

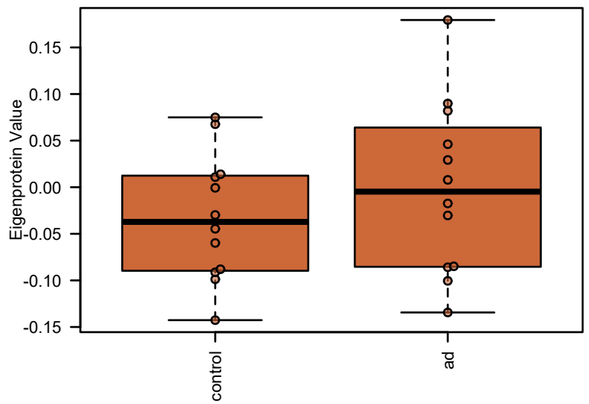
M11 greenyellow module

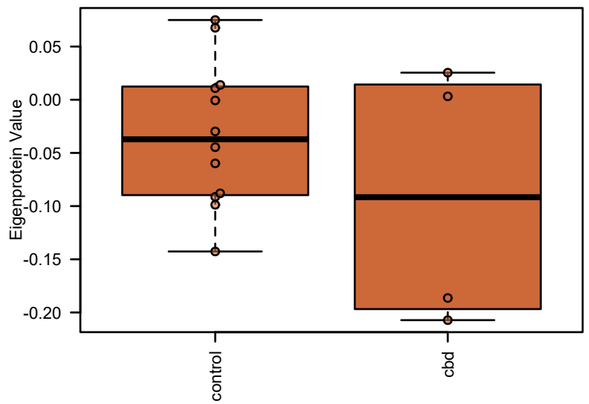


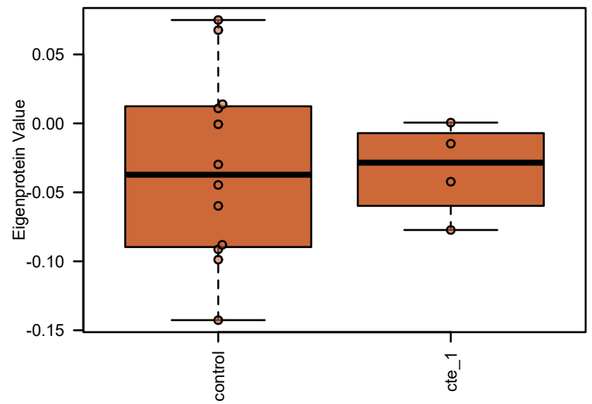
M11 greenyellow module hubs connected by top 400 TOM edges: HUB^{degree}

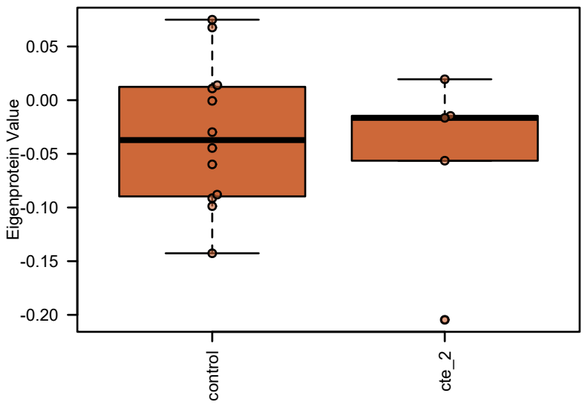


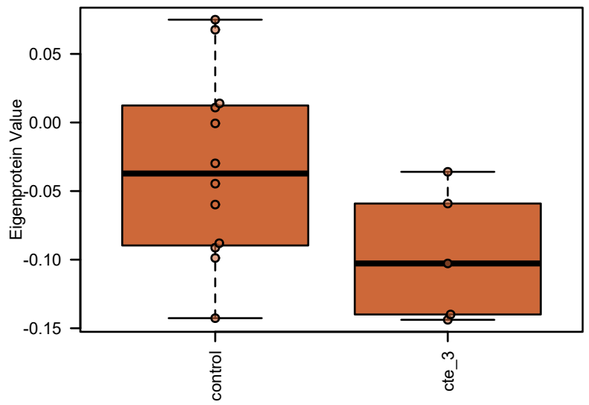

M35 sienna3
1-way AOV p = 1.1e-08
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

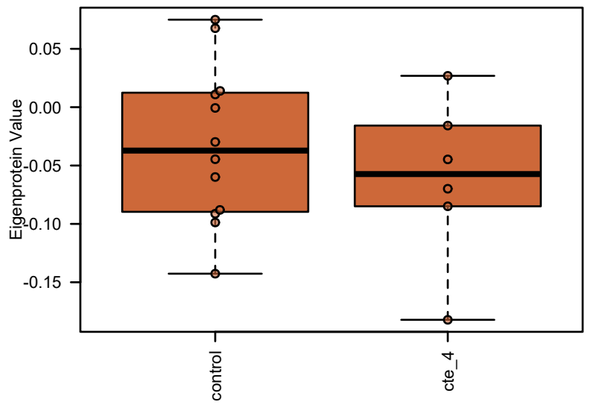

M35 sienna3
T-test p = 0.36
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

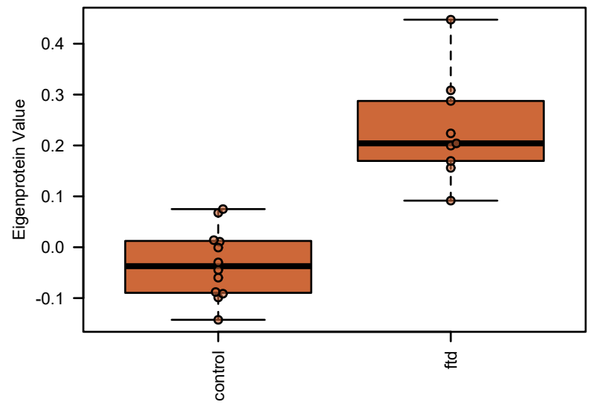

M35 sienna3
T-test p = 0.24
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cbd

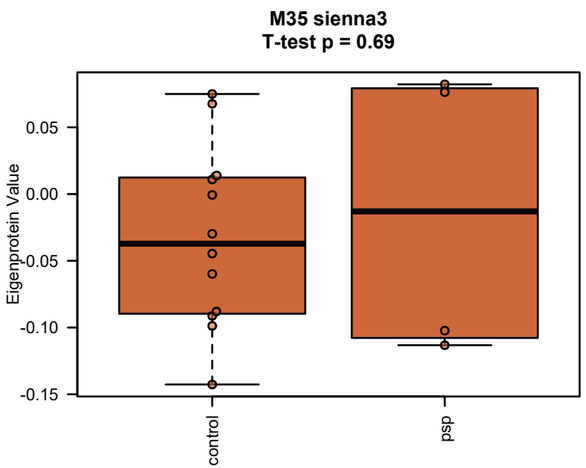

M35 sienna3
T-test p = 0.98
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

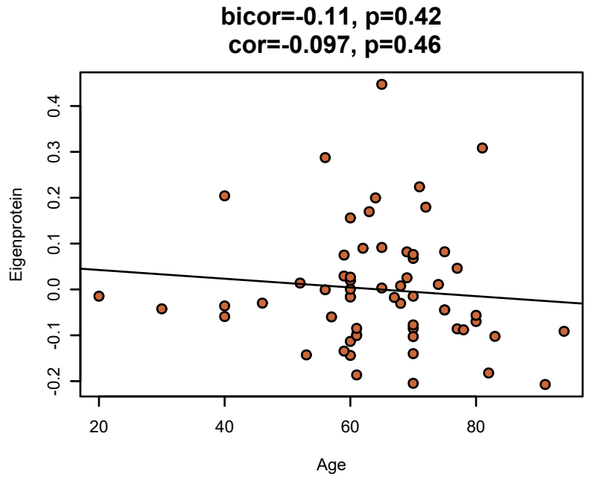

M35 sienna3
T-test p = 0.58
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_2

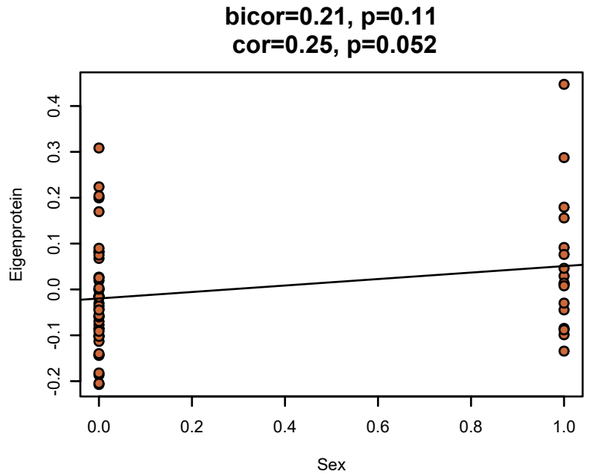

M35 sienna3
T-test p = 0.076
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

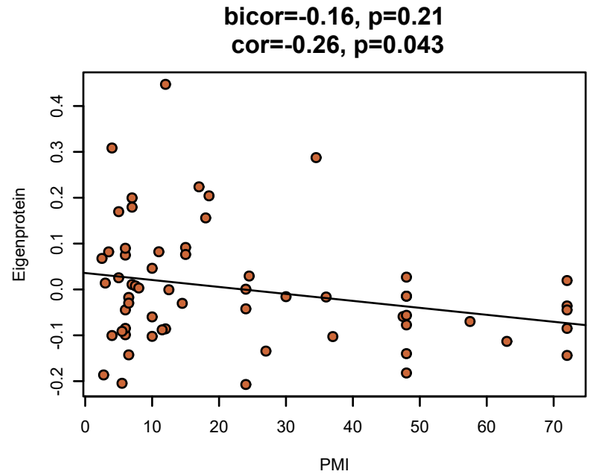

M35 sienna3
T-test p = 0.41
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

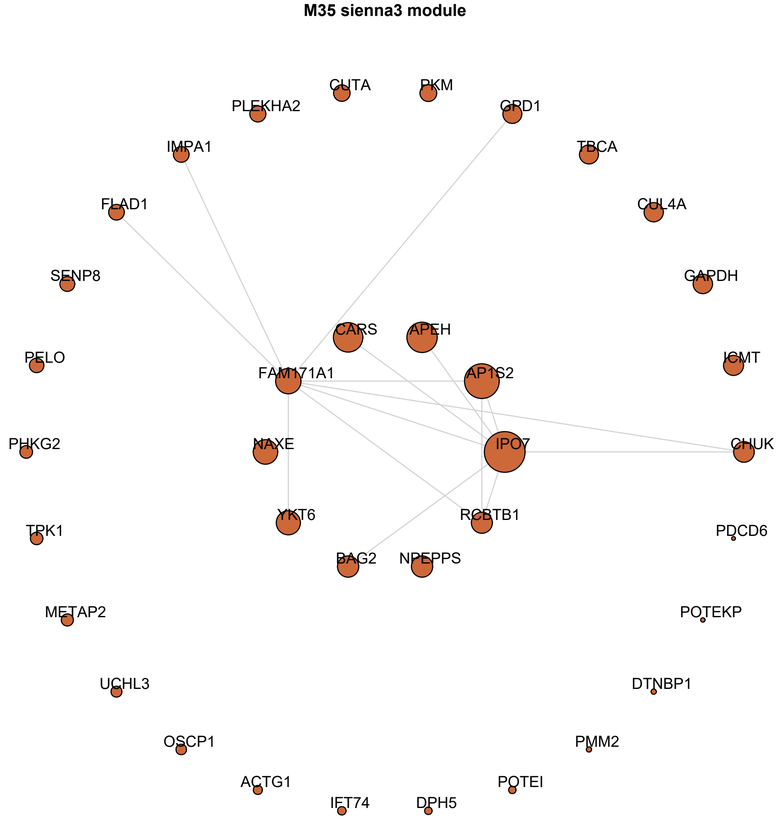

M35 sienna3
T-test p = 1e-06
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

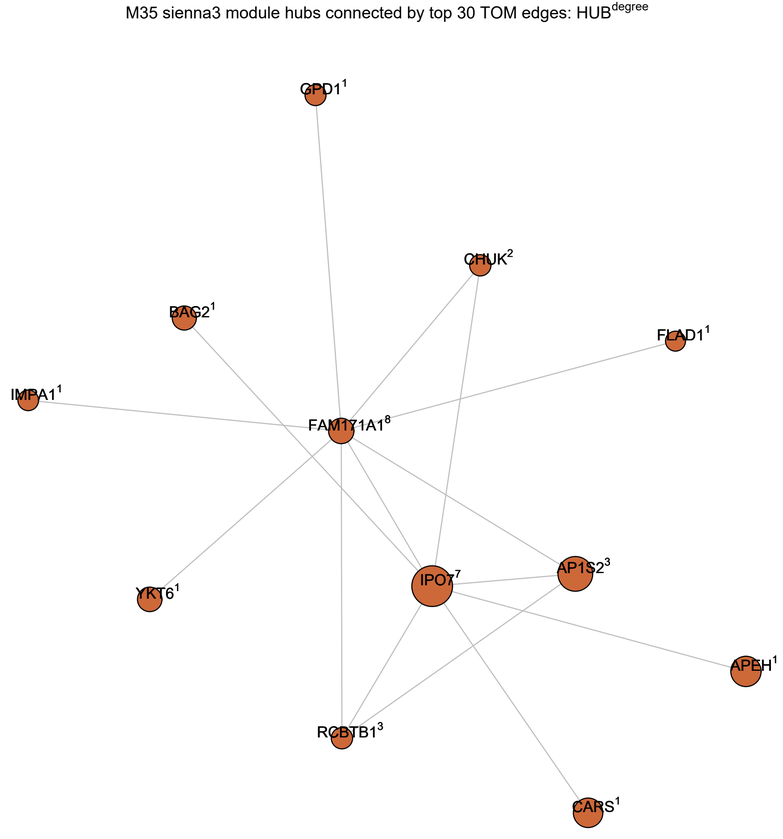

M35 sienna3
T-test p = 0.69
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
psp

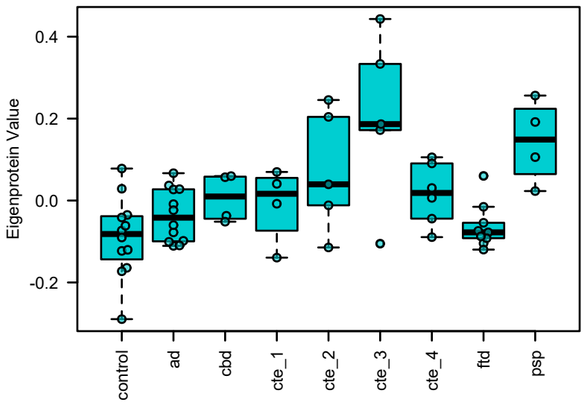

bicor=-0.11, p=0.42
cor=-0.097, p=0.46
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

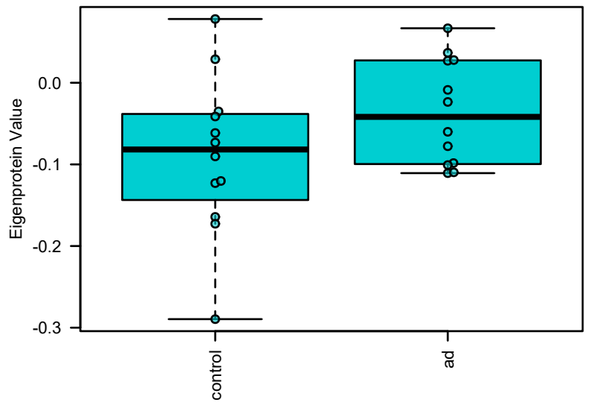

bicor=0.21, p=0.11
cor=0.25, p=0.052
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

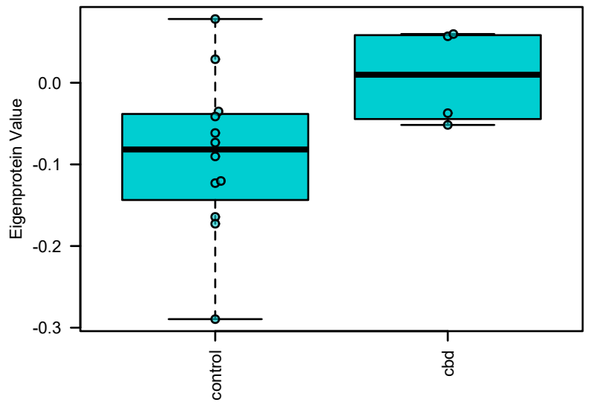

bicor=-0.16, p=0.21
cor=-0.26, p=0.043
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

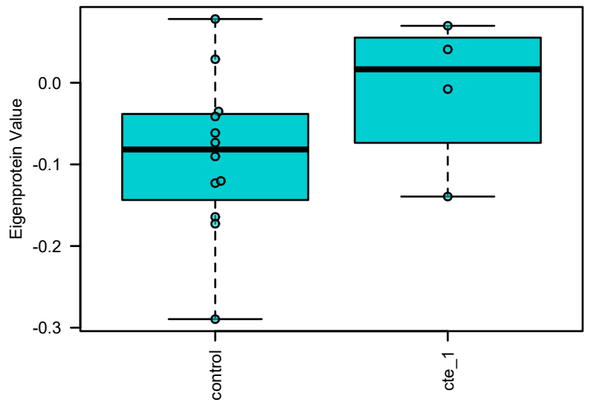

M35 sienna3 module
CUTA
PKM
PLEKHA2
GPD1
IMPA1
TBCA
FLAD1
CUL4A
SENP8
GAPDH
CARS
APEH
PELO
FAM171A1
AP1S2
ICMT
PHKG2
NAXE
IPO7
CHUK
YKT6
RCBTB1
TPK1
PDCD6
BAG2
NPEPPS
METAP2
POTEKP
UCHL3
DTNBP1
OSCP1
PMM2
ACTG1
POTEI
IFT74
DPH5

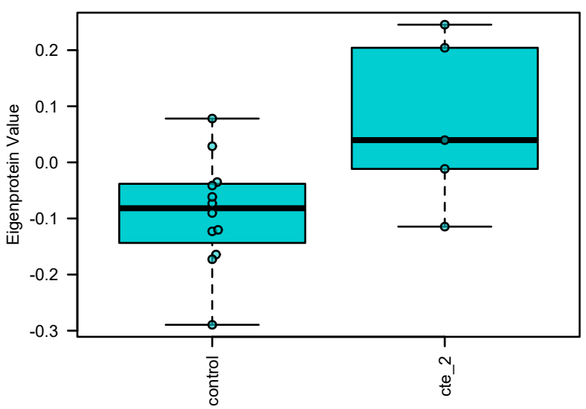

M35 sienna3 module hubs connected by top 30 TOM edges: HUB degree
GPD1 1
CHUK 2
BAG2 1
FLAD1 1
IMPA1 1
FAM171A1 8
IPO7 7
AP1S2 3
YKT6 1
APEH 1
RCBTB1 3
CARS 1

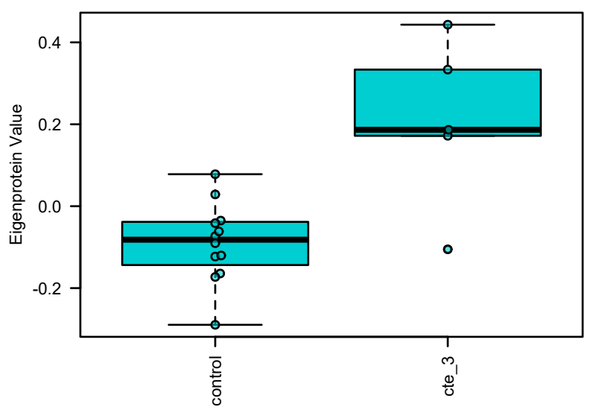

M23 darkturquoise
1-way AOV p = 3e-05
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

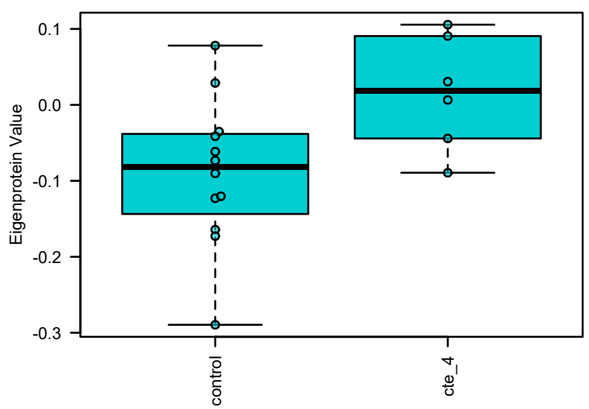

M23 darkturquoise
T-test p = 0.13
Eigenprotein Value
0.0
-0.1
-0.2
-0.3
control
ad

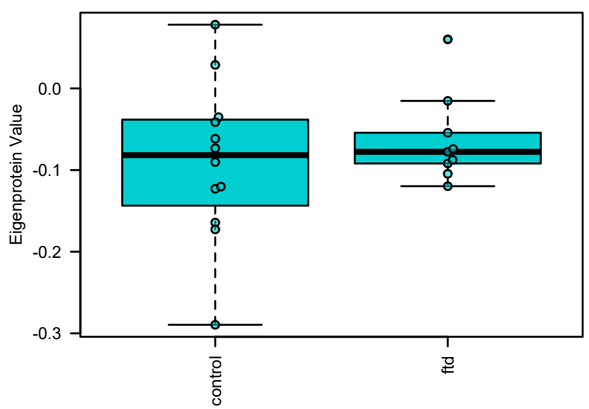

M23 darkturquoise
T-test p = 0.087
Eigenprotein Value
0.0
-0.1
-0.2
-0.3
control
cbd

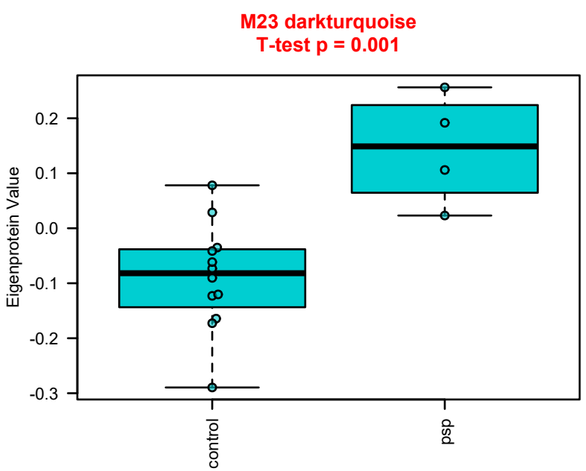

M23 darkturquoise
T-test p = 0.17
Eigenprotein Value
0.0
-0.1
-0.2
-0.3
control
cte_1

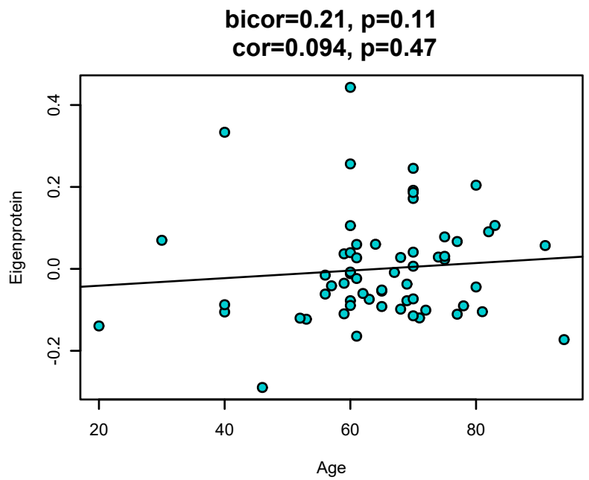

M23 darkturquoise
T-test p = 0.018
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_2

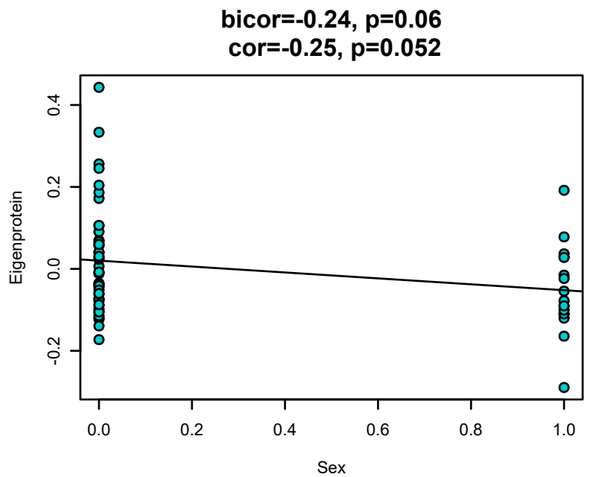

M23 darkturquoise
T-test p = 0.00095
Eigenprotein Value
0.4
0.2
0.0
-0.2
control
cte_3

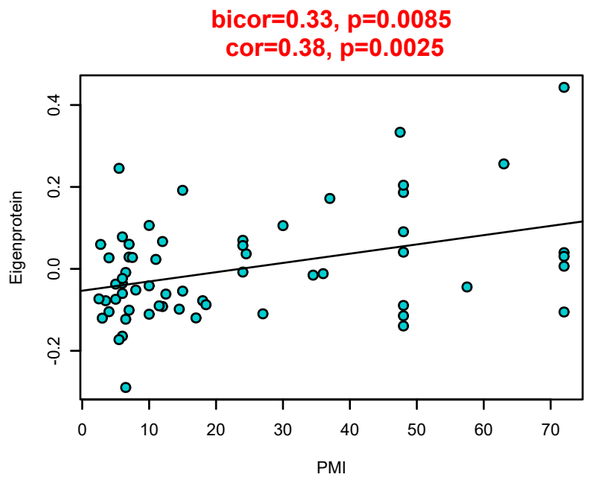

M23 darkturquoise
T-test p = 0.034
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
cte_4

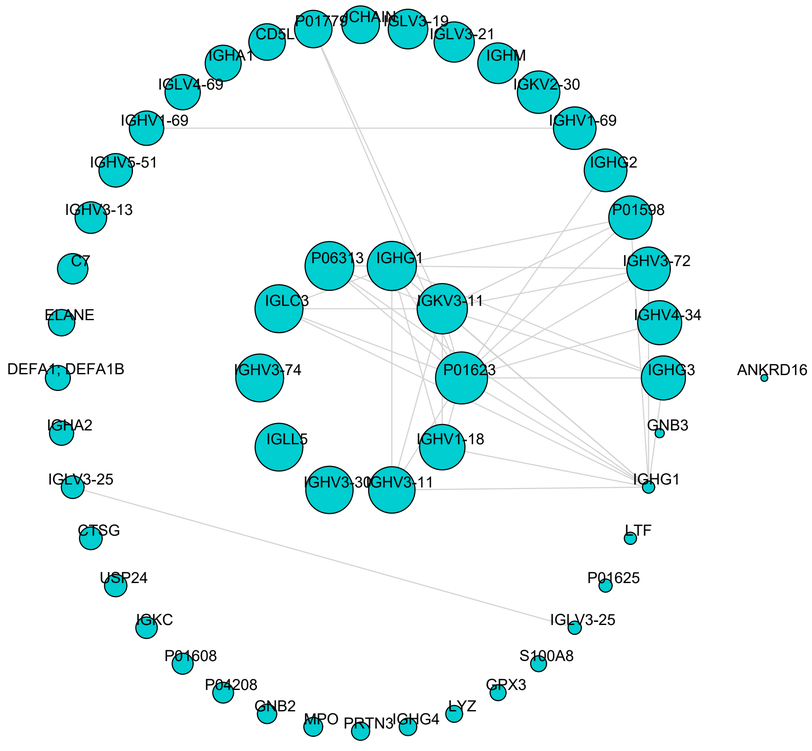

M23 darkturquoise
T-test p = 0.48
Eigenprotein Value
0.0
-0.1
-0.2
-0.3
control
ftd

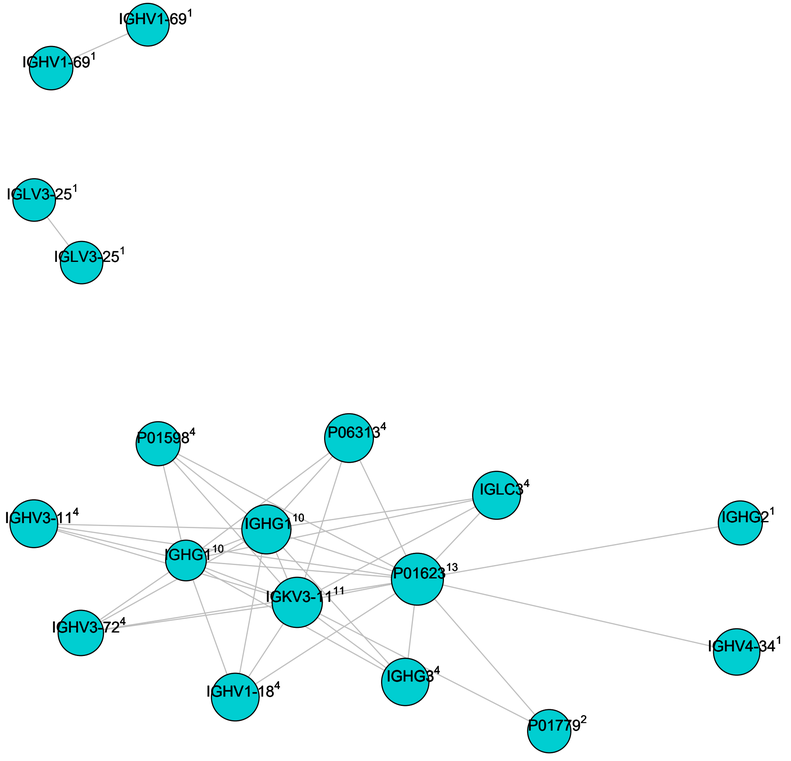

M23 darkturquoise
T-test p = 0.001
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
psp

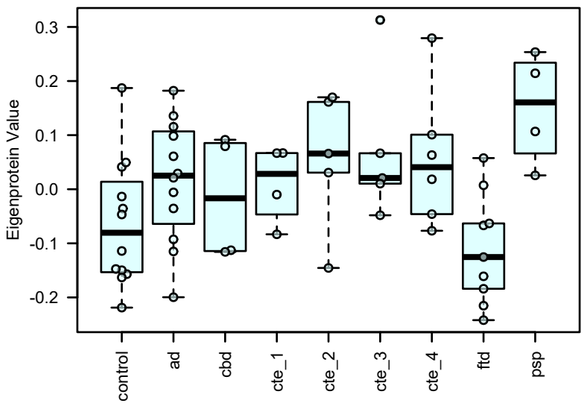

bicor=0.21, p=0.11
cor=0.094, p=0.47
Eigenprotein
0.4
0.2
0.0
-0.2
20
40
60
80
Age

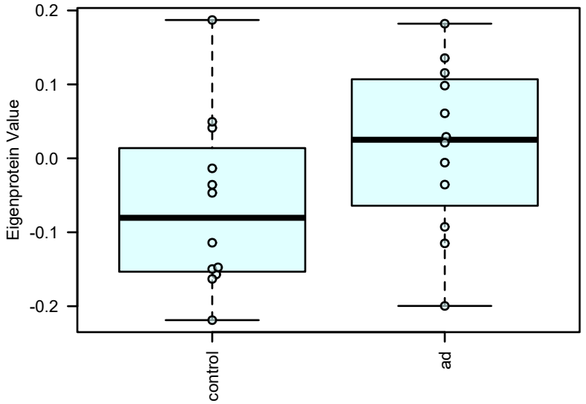

bicor=-0.24, p=0.06
cor=-0.25, p=0.052
Eigenprotein
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

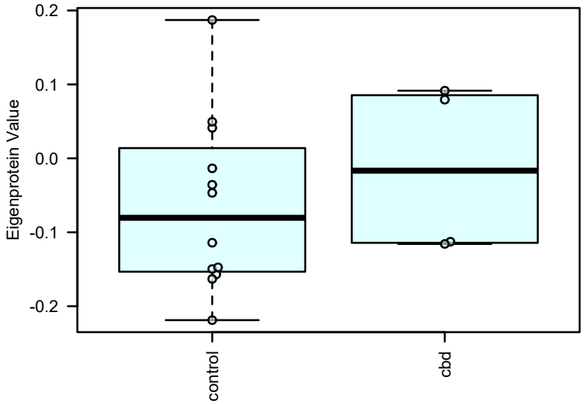

bicor=0.33, p=0.0085
cor=0.38, p=0.0025
Eigenprotein
0.4
0.2
0.0
-0.2
0
10
20
30
40
50
60
70
PMI

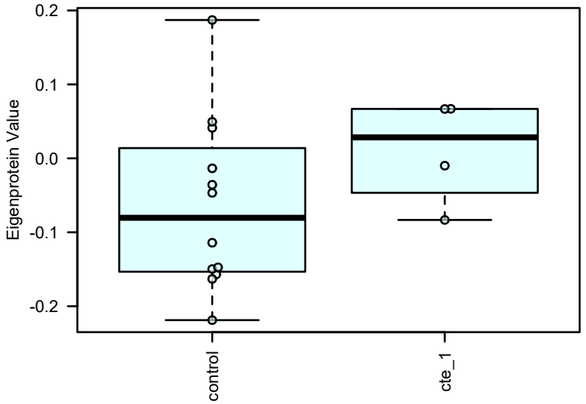

M23 darkturquoise module
P01779
CHAIN
IGLV3-19
IGLV3-21
CD5L
IGHA1
IGHM
IGLV4-69
IGKV2-30
IGHV1-69
IGHV1-69
IGHV5-51
IGHG2
IGHV3-13
P01598
C7
P06313
IGHG1
IGHV3-72
IGLC3
IGKV3-11
ELANE
IGHV4-34
DEFA1-DEFA1B
IGHV3-74
P01623
IGHG3
ANKRD16
IGHA2
GNB3
IGLL5
IGHV1-18
IGLV3-25
IGHV3-30
IGHV3-11
IGHG1
CTSG
LTF
USP24
P01625
IGKC
IGLV3-25
P01608
S100A8
P01208
CRX3
GNB2
MPO
PRTN3
IGHG4
LYZ

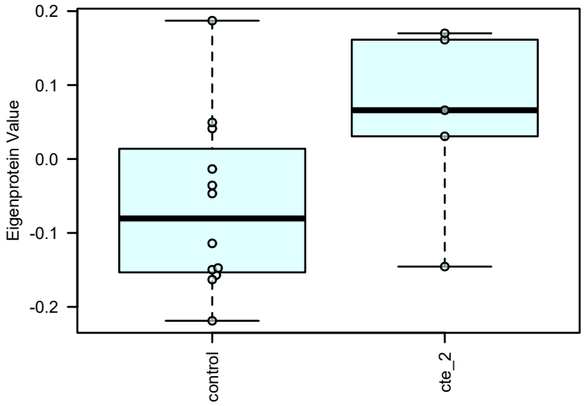

M23 darkturquoise module hubs connected by top 80 TOM edges: HUB degree
IGHV1-69 1
IGHV1-69 1
IGLV3-25 1
IGLV3-25 1
P01598 4
P06313 4
IGLC3 4
IGHV3-11 4
IGHG1 10
IGHG2 1
IGHG1 10
P01623 13
IGKV3-11 11
IGHV3-72 4
IGHV4-34 1
IGHG3 4
IGHV1-18 4
P01779 2

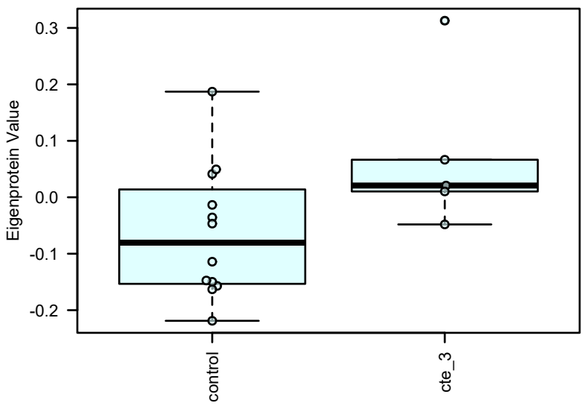

M42 lightcyan1
1-way AOV p = 0.0079
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

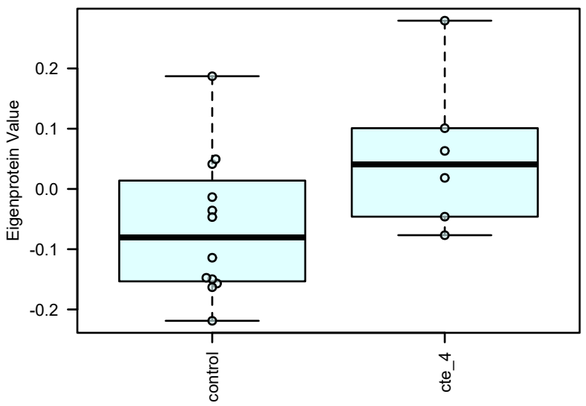

M42 lightcyan1
T-test p = 0.1
Eigenprotein Value
control
ad

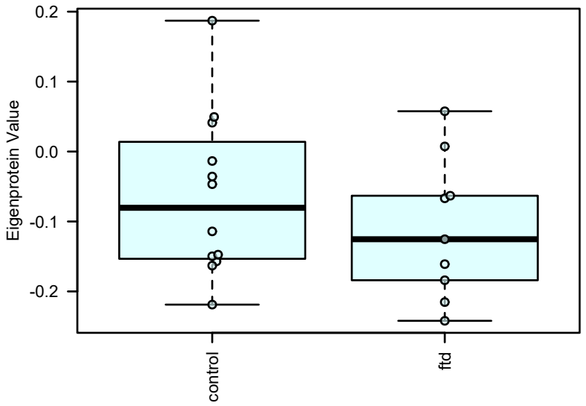

M42 lightcyan1
T-test p = 0.47
Eigenprotein Value
control
cbd

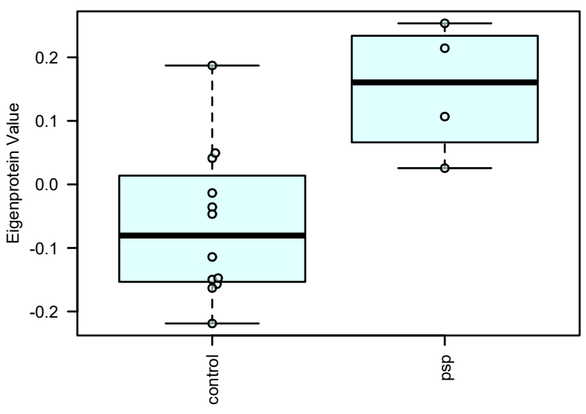

M42 lightcyan1
T-test p = 0.26
Eigenprotein Value
control
cte_1

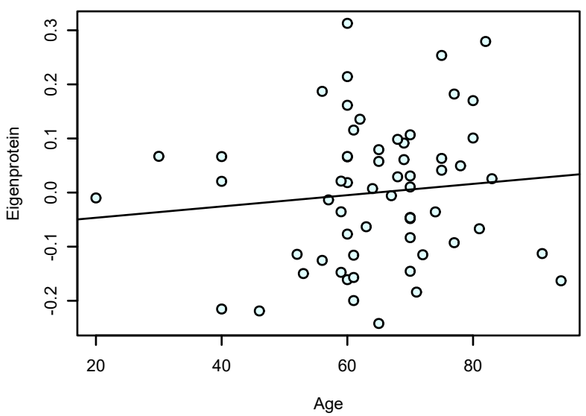

M42 lightcyan1
T-test p = 0.078
Eigenprotein Value
control
cte_2

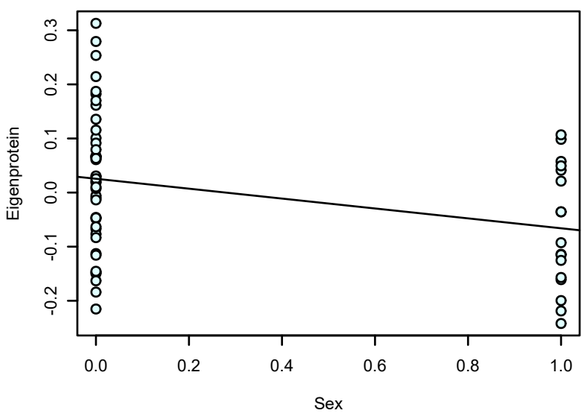

M42 lightcyan1
T-test p = 0.055
Eigenprotein Value
control
cte_3

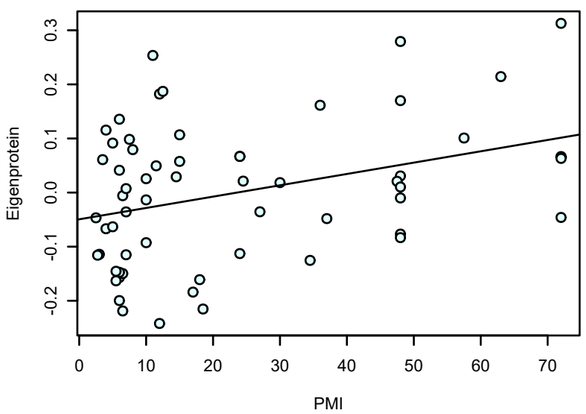

M42 lightcyan1
T-test p = 0.062
Eigenprotein Value
control
cte_4

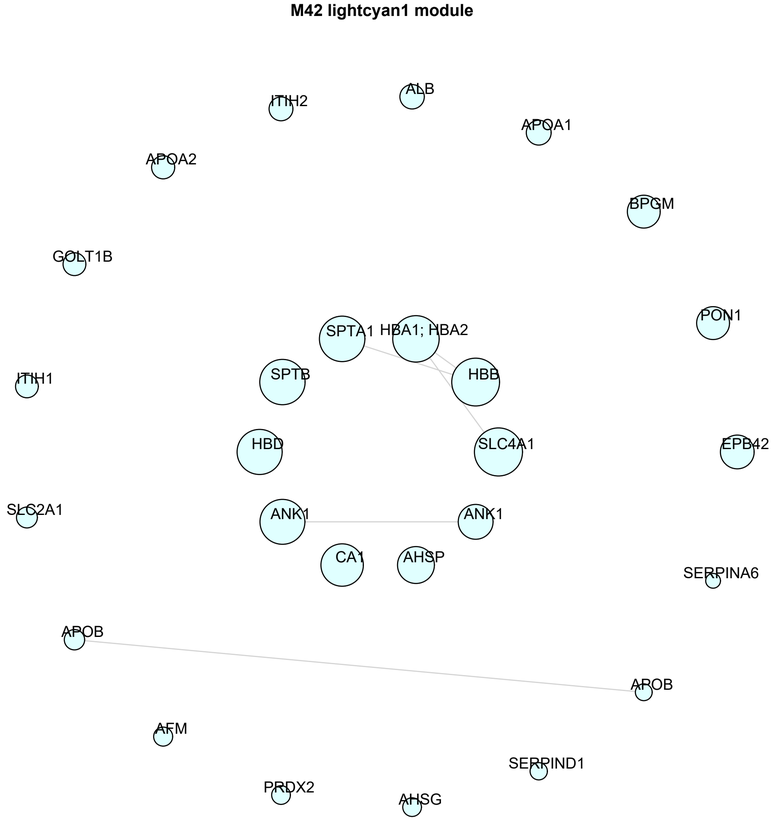

M42 lightcyan1
T-test p = 0.35
Eigenprotein Value
control
ftd

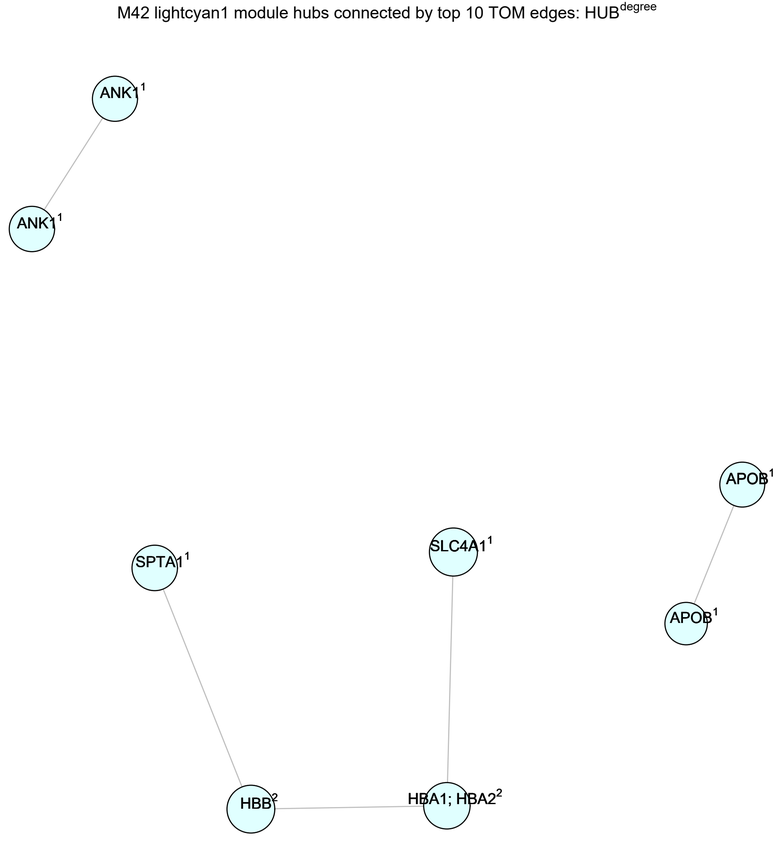

M42 lightcyan1
T-test p = 0.0058
Eigenprotein Value
control
psp

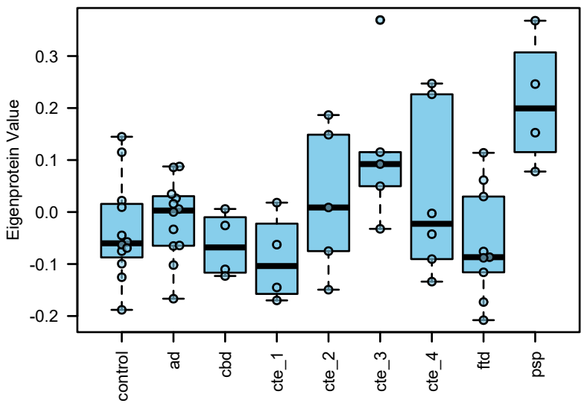

bicor=0.18, p=0.17
cor=0.11, p=0.4
Eigenprotein
Age

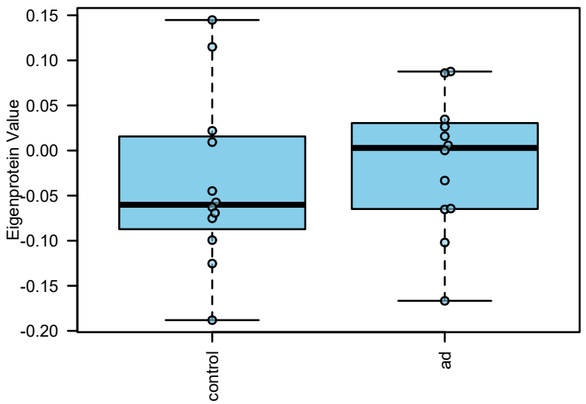

bicor=-0.31, p=0.014
cor=-0.32, p=0.012
Eigenprotein
Sex

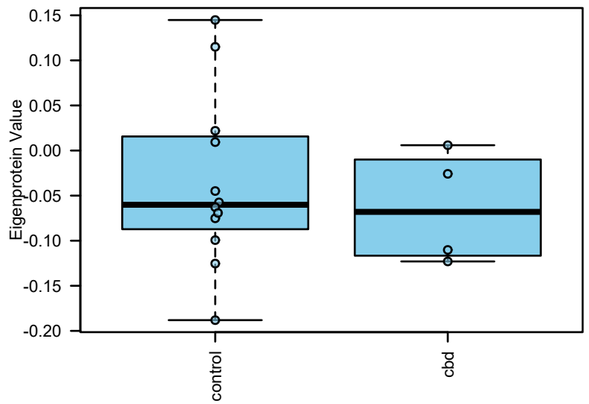

bicor=0.18, p=0.17
cor=0.36, p=0.0044
Eigenprotein
PMI

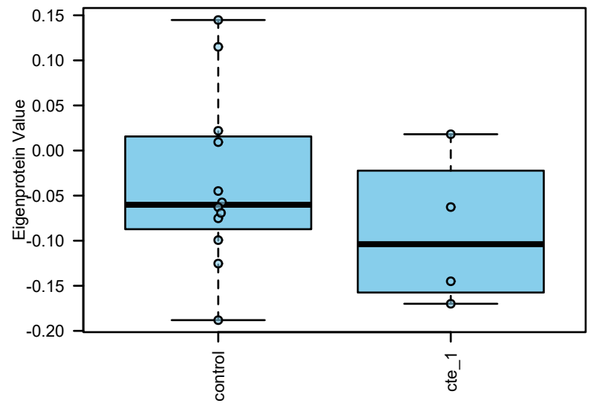

M42 lightcyan1 module
ITIH2
ALB
APOA1
APOA2
BPGM
GOLT1B
PON1
SPTA1
HBA1; HBA2
ITIH1
SPTB
HBB
HBD
SLC4A1
EPB42
SLC2A1
ANK1
ANK1
CA1
AHSP
SERPINA6
APOB
AROB
AFM
SERPIND1
PRDX2
AHSG

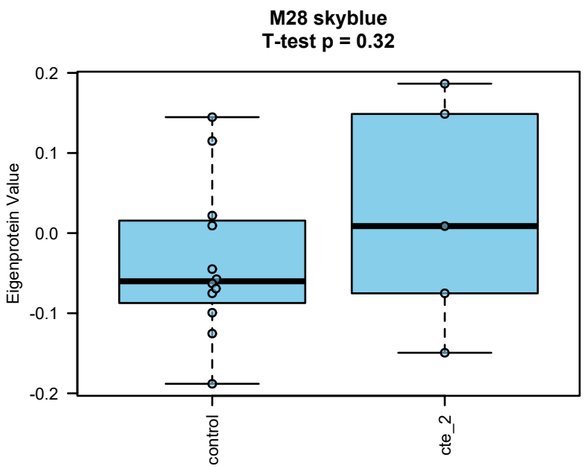

M42 lightcyan1 module hubs connected by top 10 TOM edges: HUB degree
ANK1 1
ANK1 1
APOB 1
SLC4A1 1
SPTA1 1
APOB 1
HBB 2
HBA1; HBA2 2

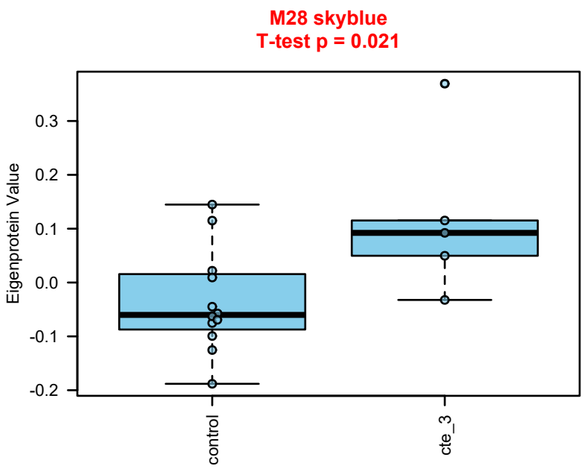

M28 skyblue
1-way AOV p = 0.002
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

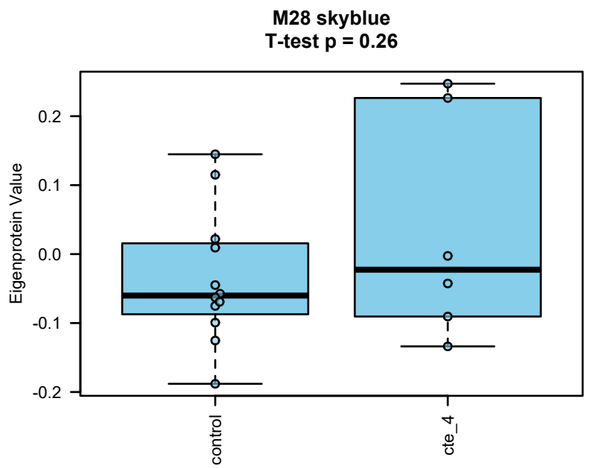

M28 skyblue
T-test p = 0.55
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
ad

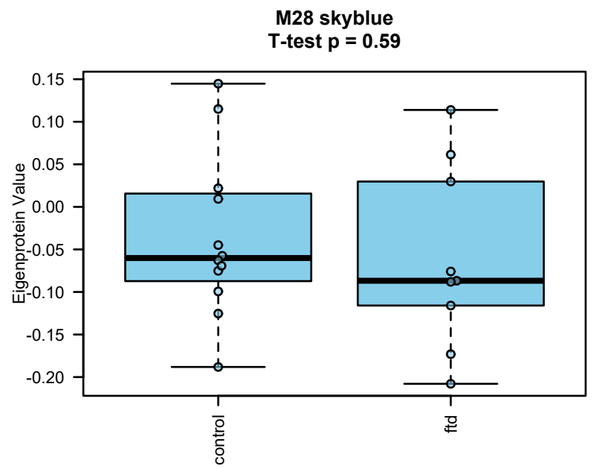

M28 skyblue
T-test p = 0.6
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cbd

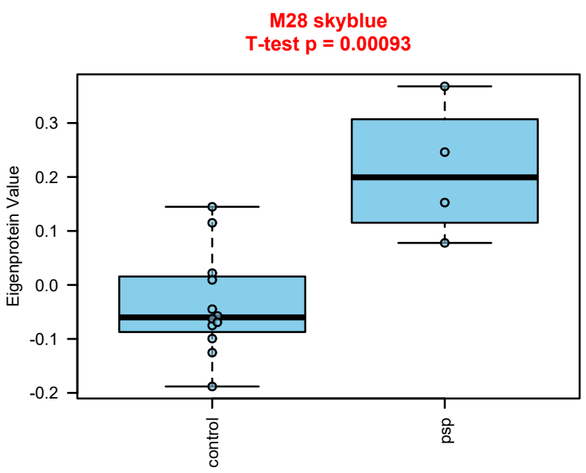

M28 skyblue
T-test p = 0.33
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_1

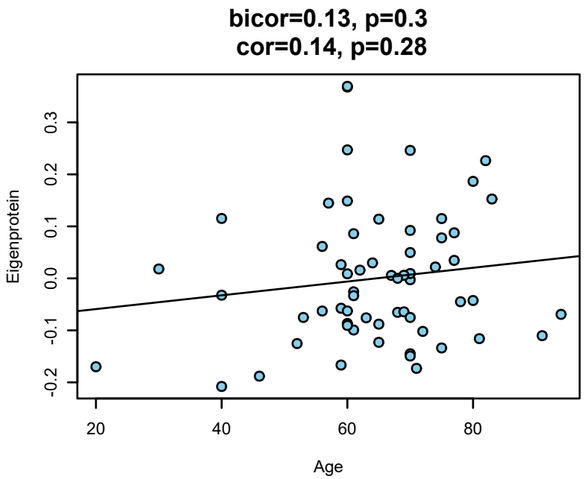

M28 skyblue
T-test p = 0.32
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

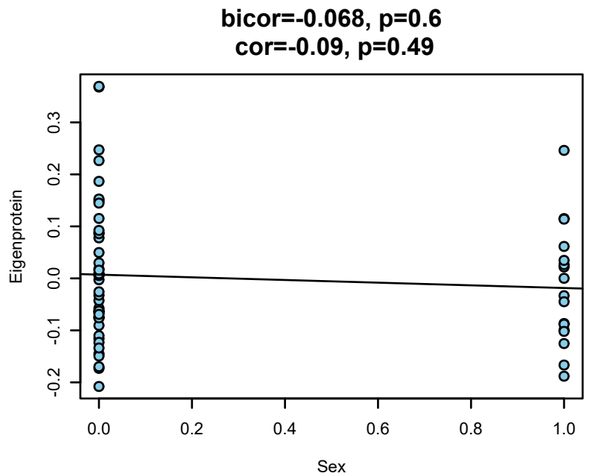

M28 skyblue
T-test p = 0.021
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

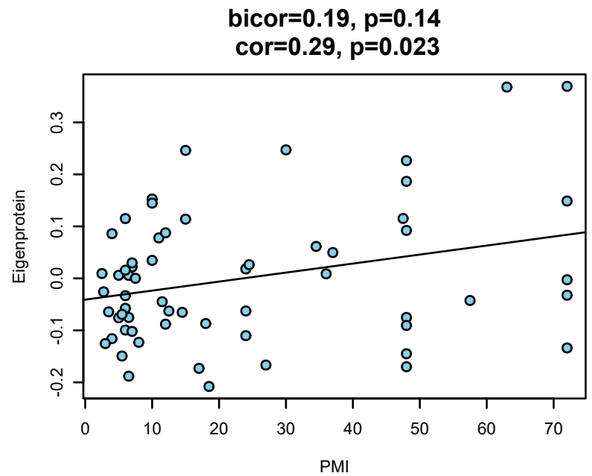

M28 skyblue
T-test p = 0.26
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

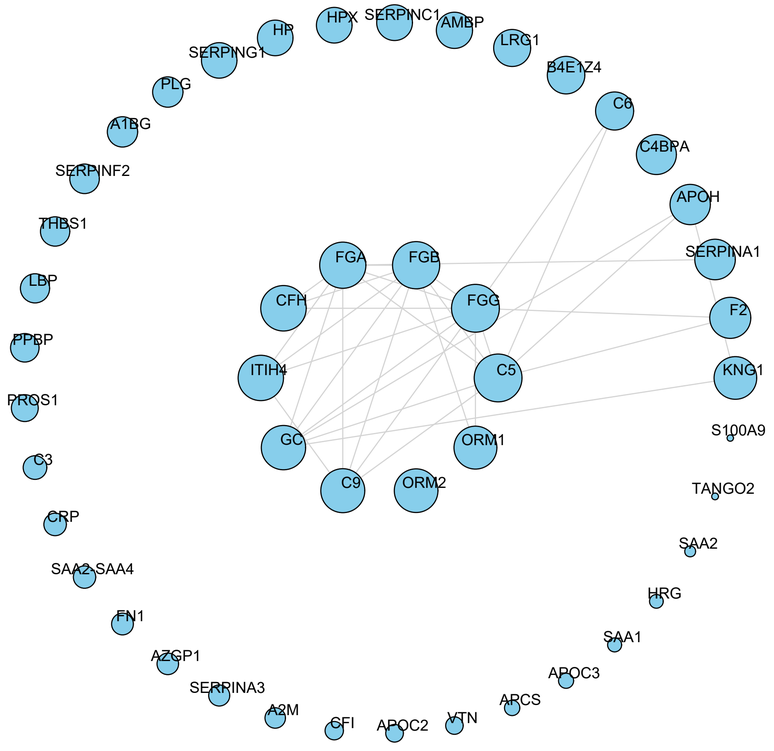

M28 skyblue
T-test p = 0.59
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
ftd

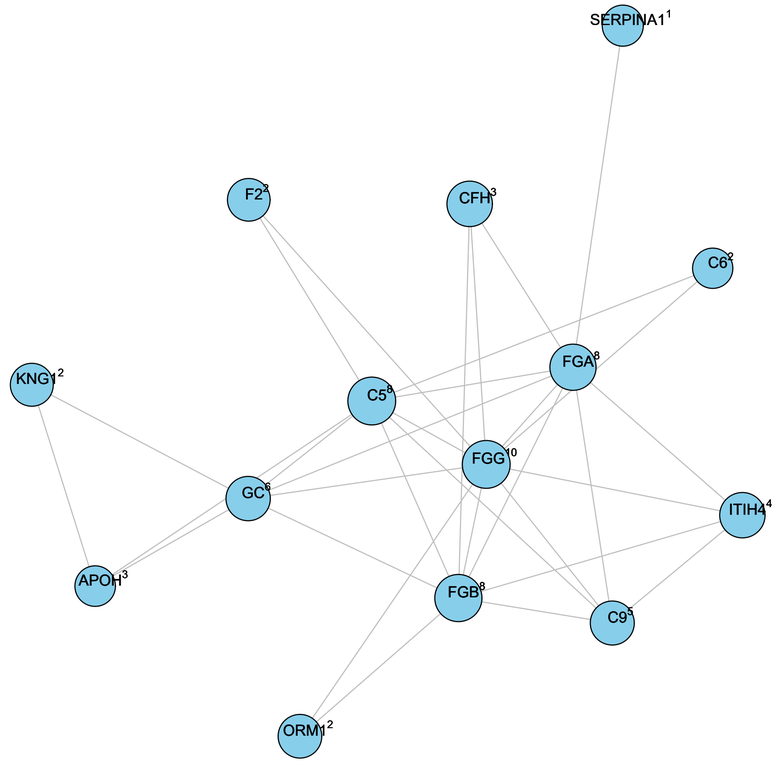

M28 skyblue
T-test p = 0.00093
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
psp

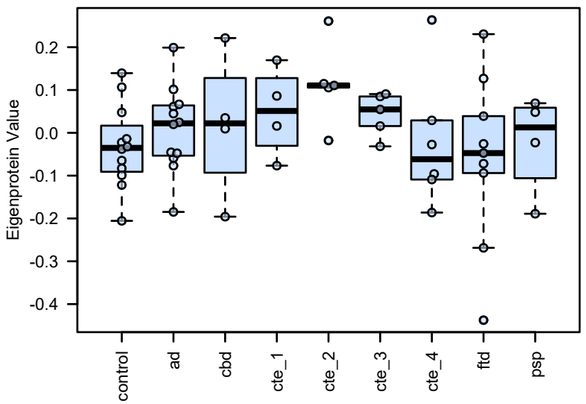

bicor=0.13, p=0.3
cor=0.14, p=0.28
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

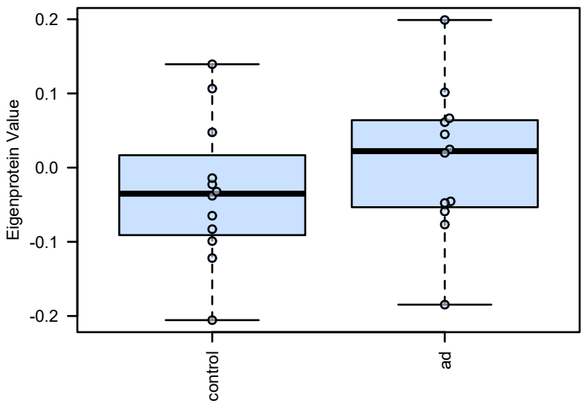

bicor=-0.068, p=0.6
cor=-0.09, p=0.49
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

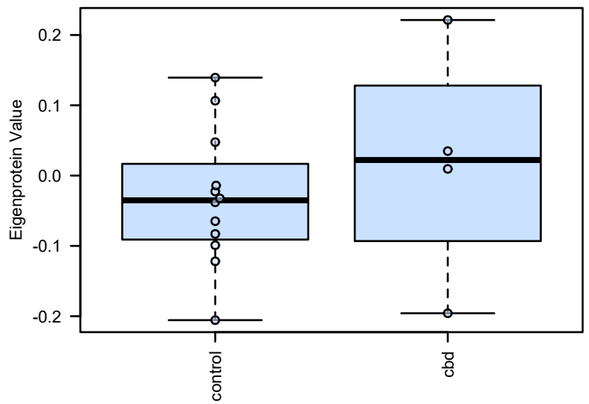

bicor=0.19, p=0.14
cor=0.29, p=0.023
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

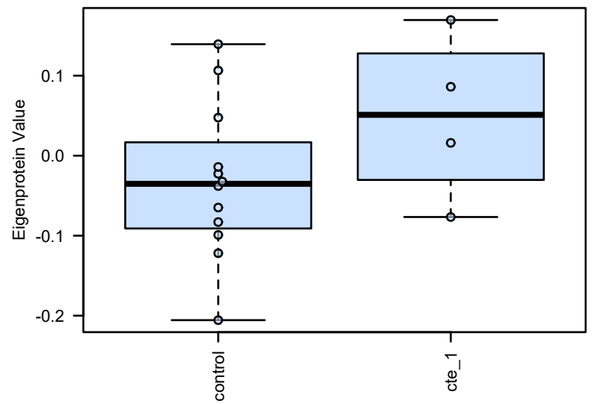

M28 skyblue module
HPX
SERPINC1
HP
AMBP
SERPING1
LRG1
PLG
B4E1Z4
A1BG
C6
SERPINF2
C4BPA
APOH
THBS1
FGA
FGB
SERPINA1
LBP
CFH
FGG
F2
PPBP
ITIH4
C5
KNG1
PROS1
S100A9
GC
ORM1
C3
C9
ORM2
TANGO2
CRP
SAA2
SAA2-SAA4
HRG
FN1
SAA1
AZGP1
APOC3
SERPINA3
ARCS
A2M
CFI
APOC2
VTN

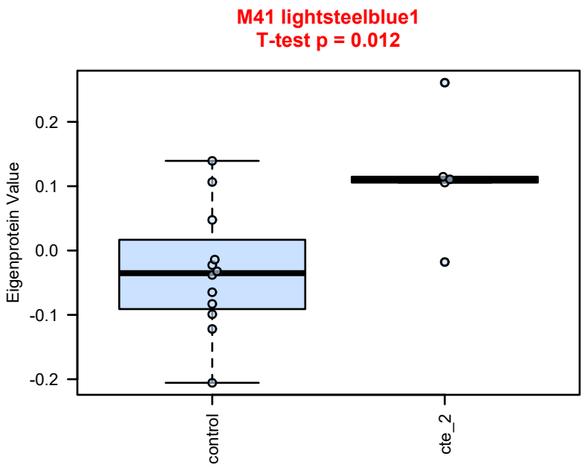

M28 skyblue module hubs connected by top 64 TOM edges: HUB degree
SERPINA1 1
F2 2
CFH 3
C6 2
KNG1 2
FGA 8
C5 8
FGG 10
GC 6
ITIH4 4
APOH 3
FGB 8
C9 5
ORM1 2

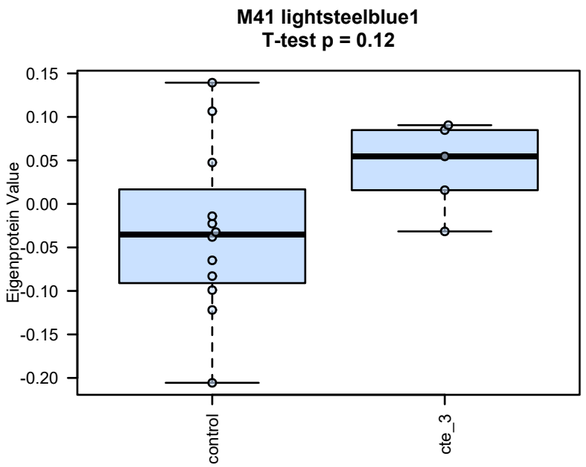

M41 lightsteelblue1
1-way AOV p = 0.42
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

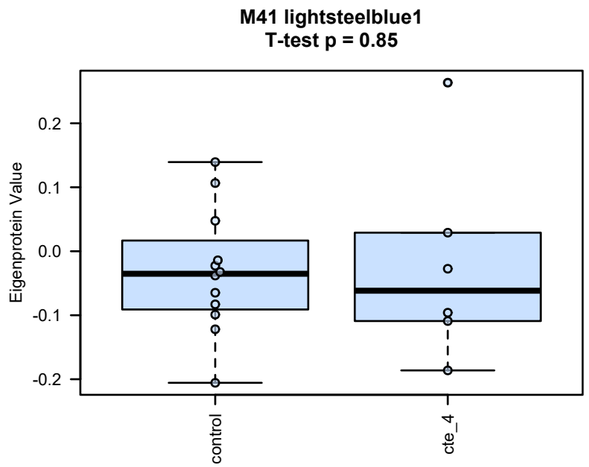

M41 lightsteelblue1
T-test p = 0.31
Eigenprotein Value
control
ad

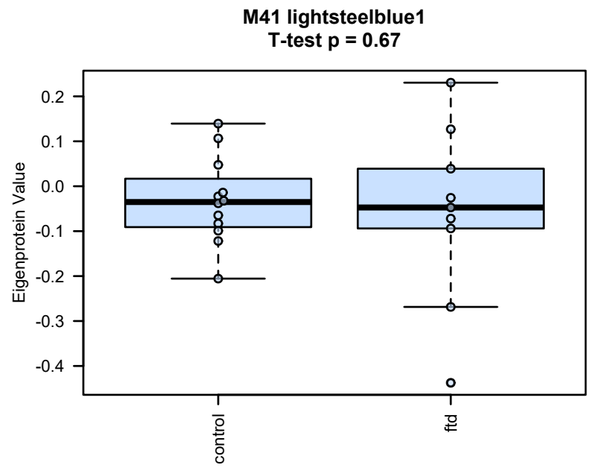

M41 lightsteelblue1
T-test p = 0.47
Eigenprotein Value
control
cbd

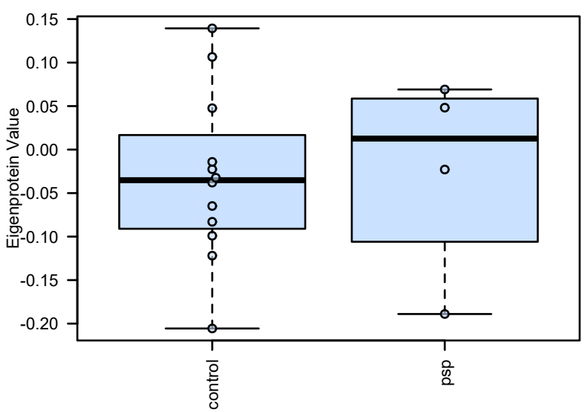

M41 lightsteelblue1
T-test p = 0.17
Eigenprotein Value
control
cte_1

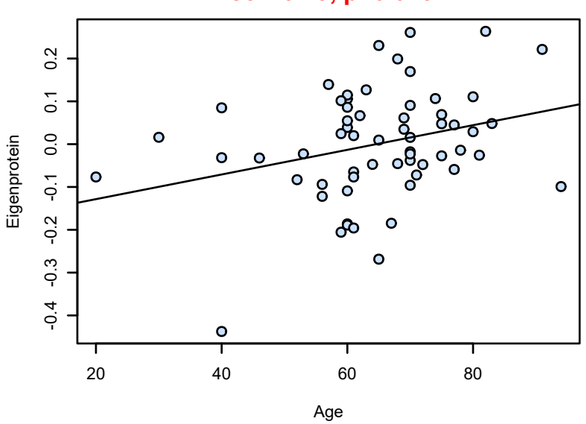

M41 lightsteelblue1
T-test p = 0.012
Eigenprotein Value
control
cte_2

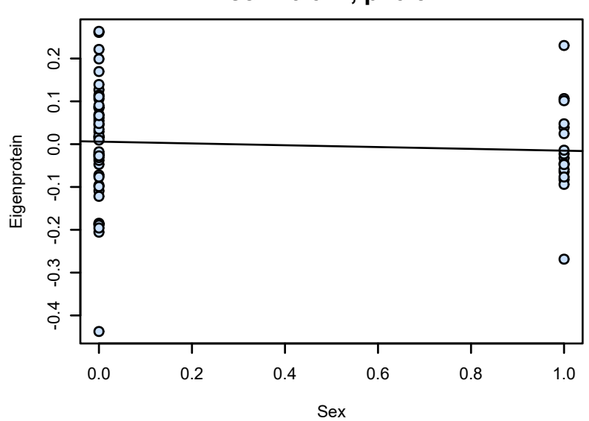

M41 lightsteelblue1
T-test p = 0.12
Eigenprotein Value
control
cte_3

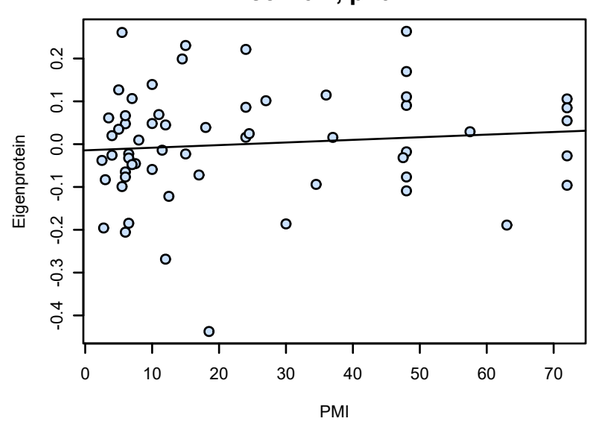

M41 lightsteelblue1
T-test p = 0.85
Eigenprotein Value
control
cte_4

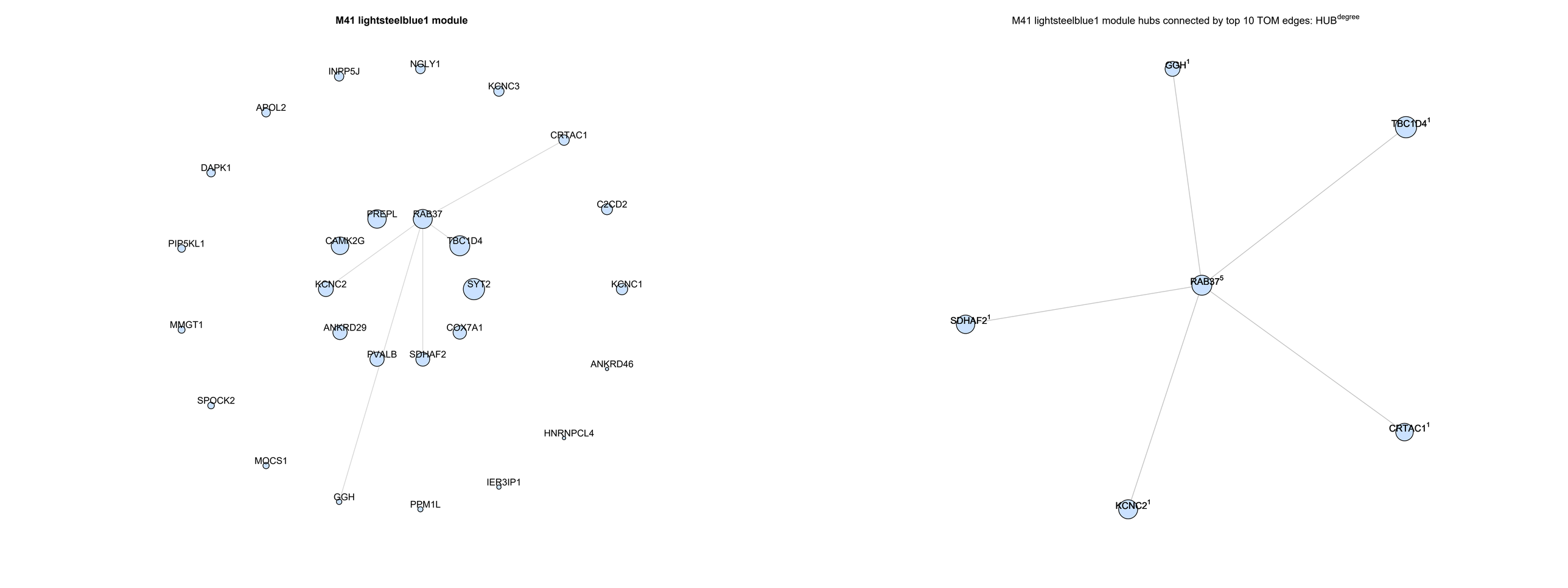

M41 lightsteelblue1
T-test p = 0.67
Eigenprotein Value
control
ftd

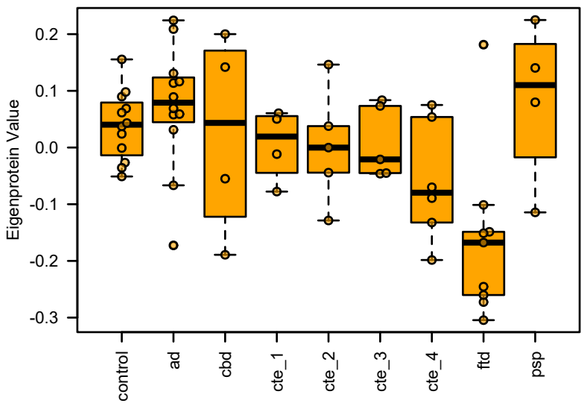

M41 lightsteelblue1
T-test p = 0.88
Eigenprotein Value
control
psp

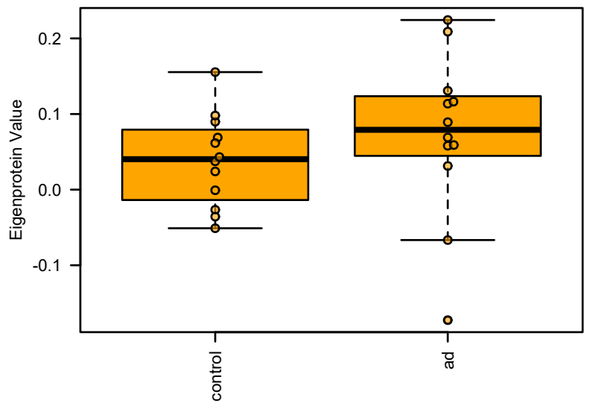

bicor=0.27, p=0.039
cor=0.29, p=0.023
Eigenprotein
Age

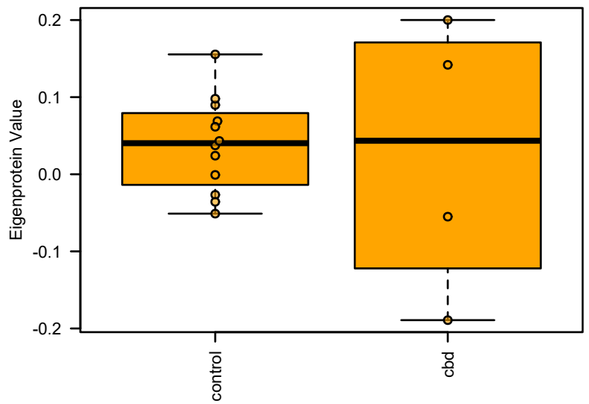

bicor=-0.11, p=0.41
cor=-0.074, p=0.57
Eigenprotein
Sex

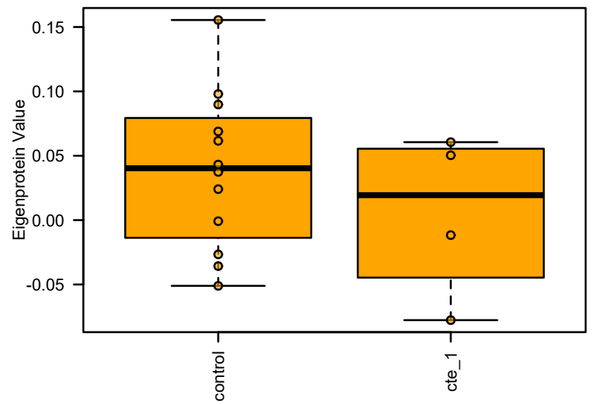

bicor=0.15, p=0.26
cor=0.1, p=0.44
Eigenprotein
PMI

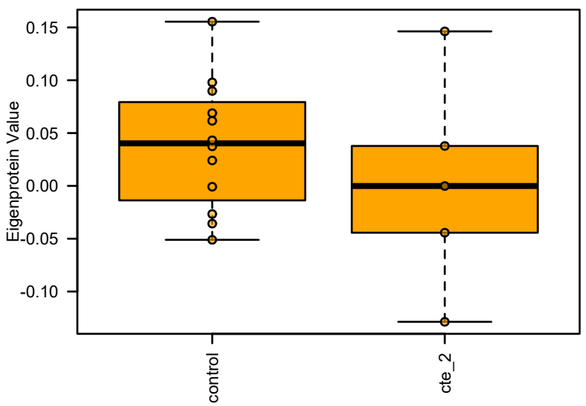

M41 lightsteelblue1 module
INPP5J
NGLY1
KCNC3
APOL2
CRTAC1
DAPK1
C2CD2
PREPL
RAB37
PIP5KL1
CAMK2G
TBC1D4
KCNC2
SYT2
KCNC1
MMGT1
ANKRD29
COX7A1
PVALB
SDHAF2
ANKRD46
SPOCK2
HNRNPCL4
MOCS1
IER3IP1
GGH
PPM1L
M41 lightsteelblue1 module hubs connected by top 10 TOM edges: HUB degree
GGH 1
TBC1D4 1
RAB37 5
SDHAF2 1
CRTAC1 1
KCNC2 1

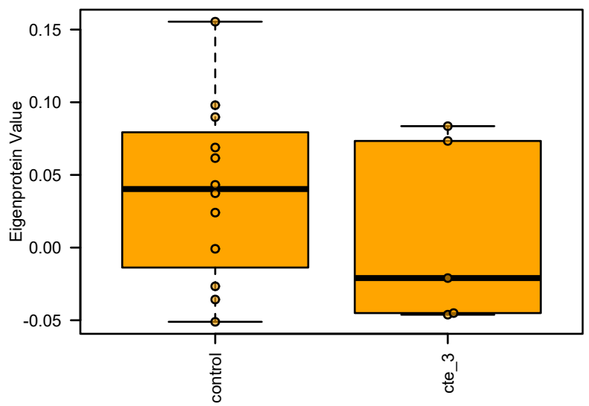

M25 orange
1-way AOV p = 0.0013
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

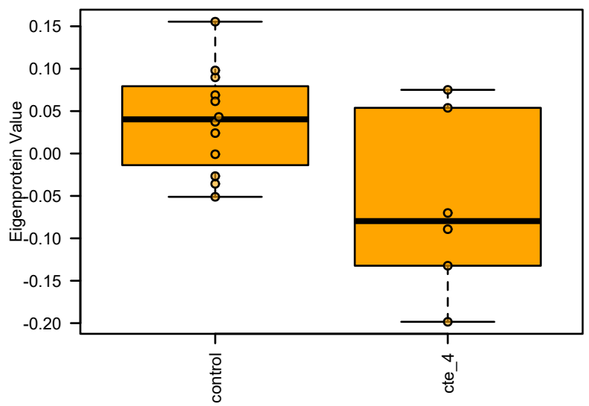

M25 orange
T-test p = 0.37
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

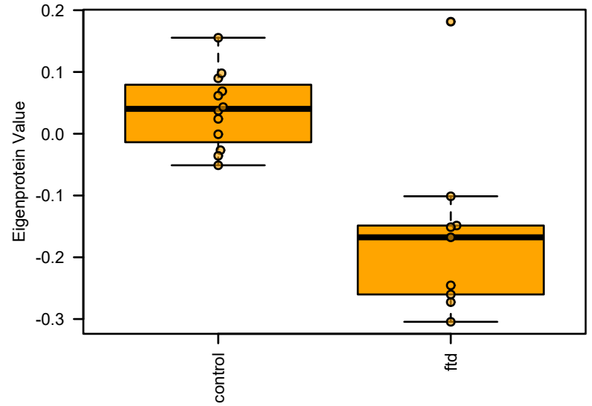

M25 orange
T-test p = 0.81
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

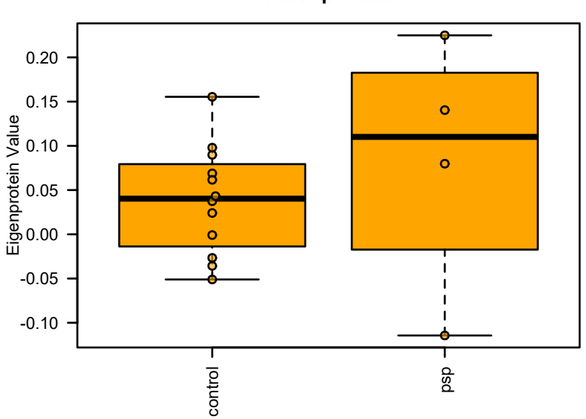

M25 orange
T-test p = 0.37
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
control
cte_1

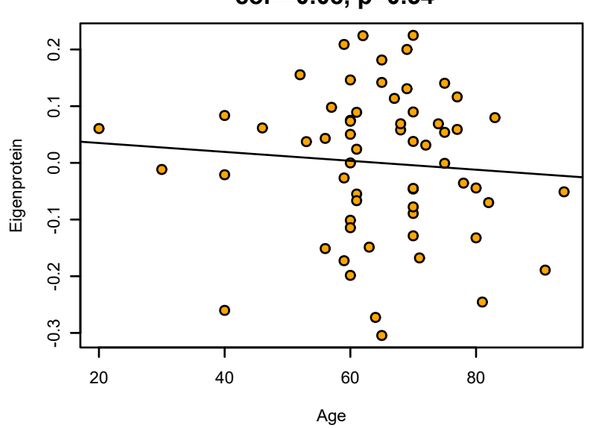

M25 orange
T-test p = 0.37
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_2

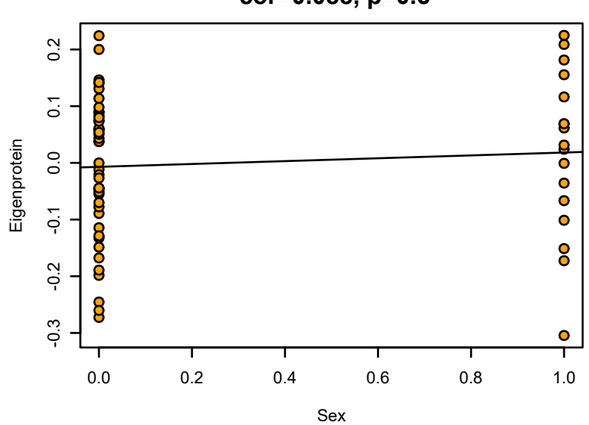

M25 orange
T-test p = 0.38
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
control
cte_3

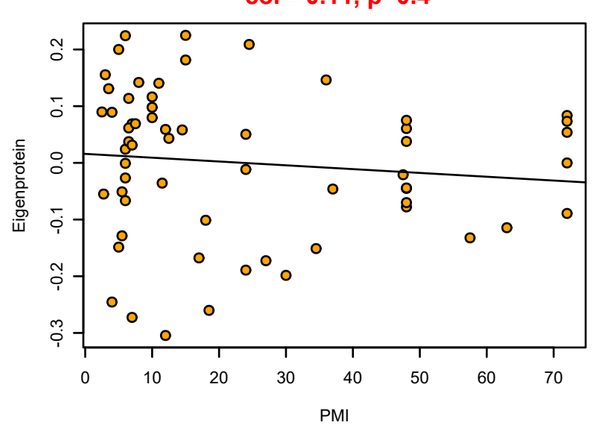

M25 orange
T-test p = 0.022
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
cte_4

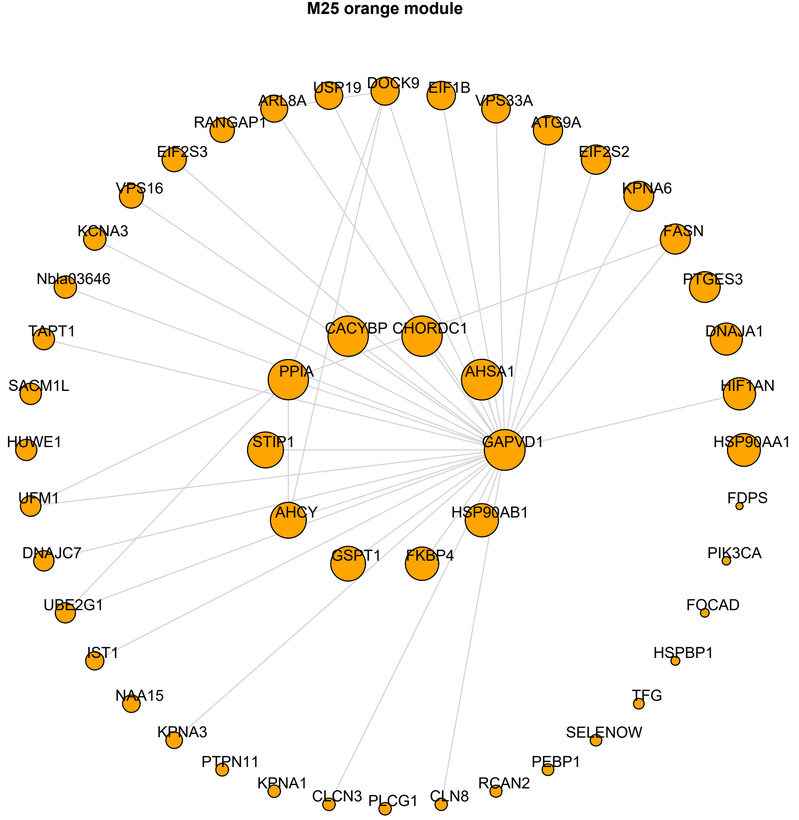

M25 orange
T-test p = 0.00035
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

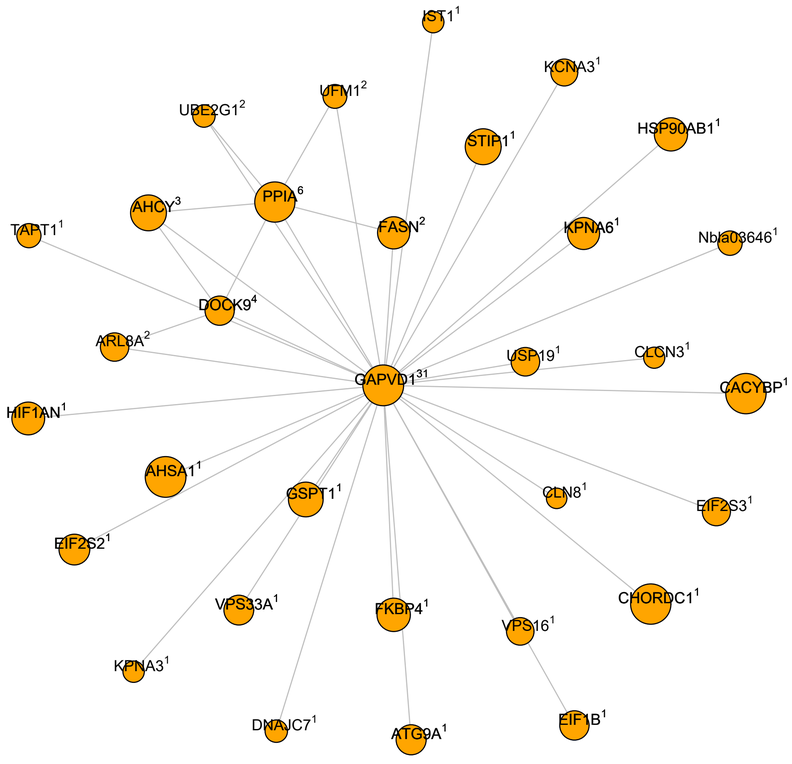

M25 orange
T-test p = 0.39
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
psp

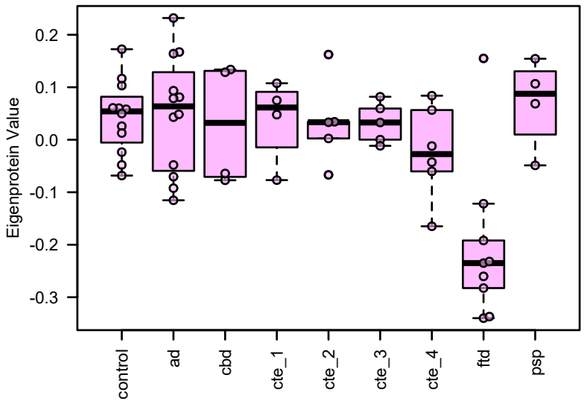

bicor=-0.083, p=0.53
cor=-0.08, p=0.54
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

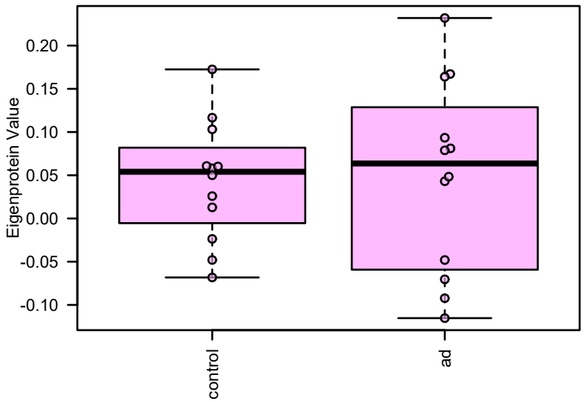

bicor=0.097, p=0.46
cor=0.088, p=0.5
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

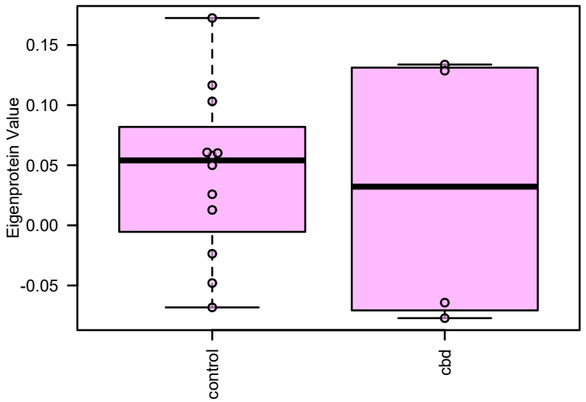

bicor=-0.28, p=0.03
cor=-0.11, p=0.4
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

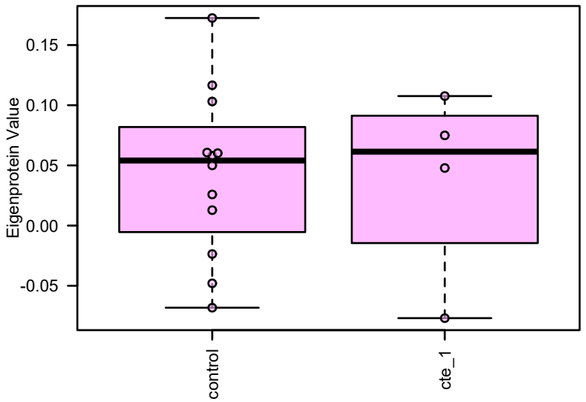

M25 orange module
USP19
DOCK9
EIF1B
ARL8A
VPS33A
RANGAP1
ATG9A
EIF2S3
EIF2S2
VPS16
KPNA6
KCNA3
FASN
Nbla03646
PTGES3
TAPT1
CACYBP
CHORDC1
DNAJA1
PPIA
AHSA1
SACM1L
HIF1AN
HUWE1
STIP1
GAPVD1
HSP90AA1
UFM1
FDPS
AHCY
HSP90AB1
DNAJC7
GSPT1
FKBP4
PIK3CA
UBE2G1
FOCAD
IST1
HSPBP1
NAA15
TFG
KPNA3
SELENOW
PTPN11
PEBP1
KPNA1
RCAN2
CLCN3
PLCG1
CLN8

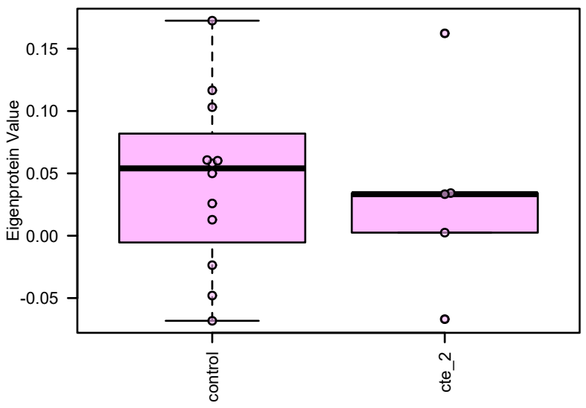

M25 orange module hubs connected by top 76 TOM edges: HUB degree
IST1 1
KCNA3 1
UFM1 2
UBE2G1 2
HSP90AB1 1
STIP1 1
PPIA 6
AHCY 3
FASN 2
TAPT1 1
KPNA6 1
Nbla03646 1
DOCK9 4
ARL8A 2
USP19 1
CLCN3 1
GAPVD1 31
CACYBP 1
HIF1AN 1
AHSA1 1
GSPT1 1
CLN8 1
EIF2S3 1
EIF2S2 1
CHORDC1 1
VPS33A 1
FKBP4 1
VPS16 1
KPNA3 1
DNAJC7 1
ATG9A 1
EIF1B 1

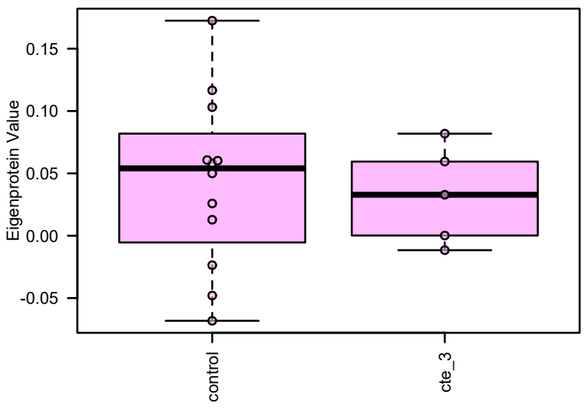

M38 plum1
1-way AOV p = 2.6e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

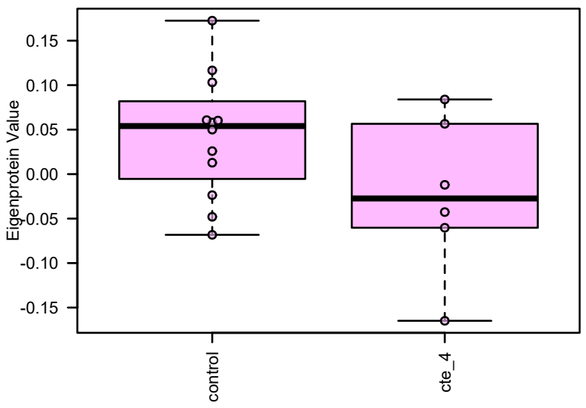

M38 plum1
T-test p = 0.89
Eigenprotein Value
control
ad

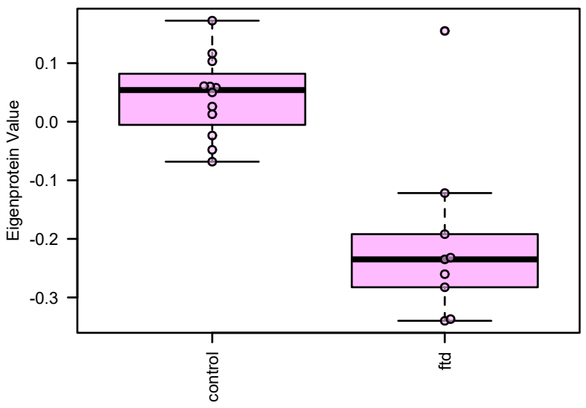

M38 plum1
T-test p = 0.79
Eigenprotein Value
control
cbd

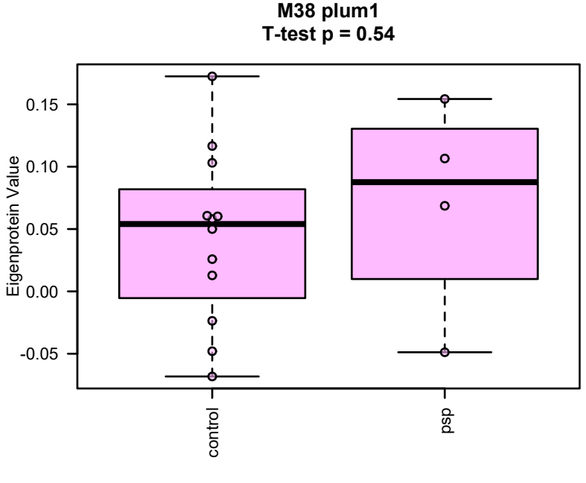

M38 plum1
T-test p = 0.91
Eigenprotein Value
control
cte_1

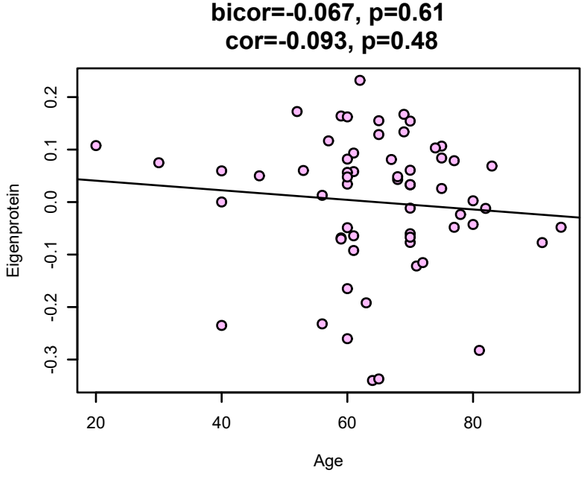

M38 plum1
T-test p = 0.8
Eigenprotein Value
control
cte_2

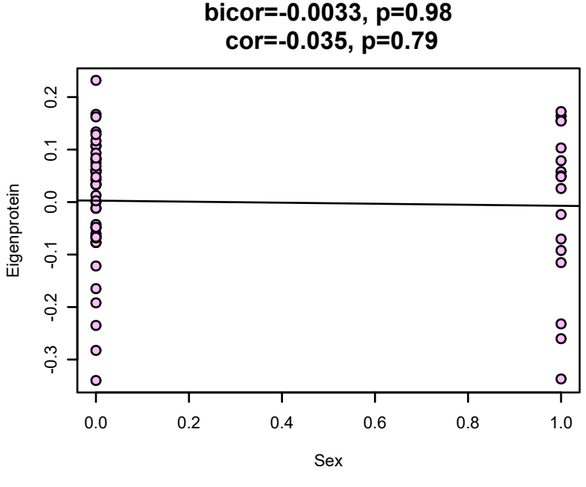

M38 plum1
T-test p = 0.75
Eigenprotein Value
control
cte_3

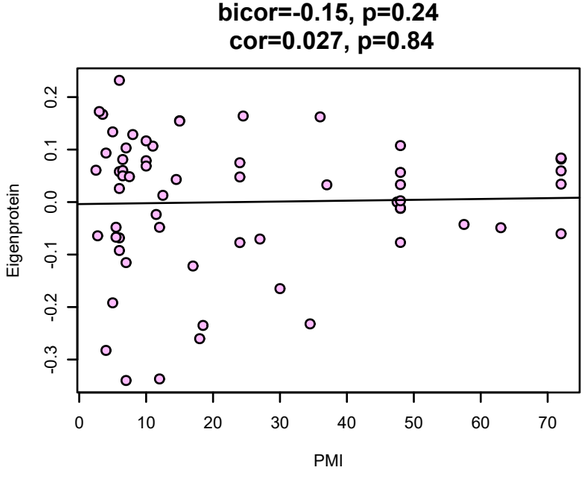

M38 plum1
T-test p = 0.1
Eigenprotein Value
control
cte_4

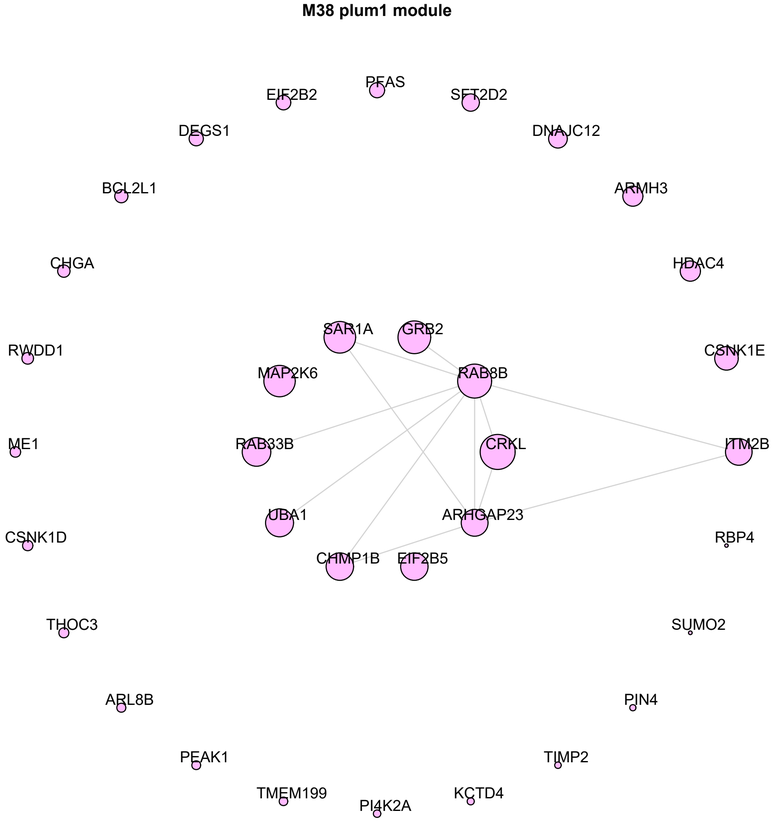

M38 plum1
T-test p = 7e-05
Eigenprotein Value
control
ftd

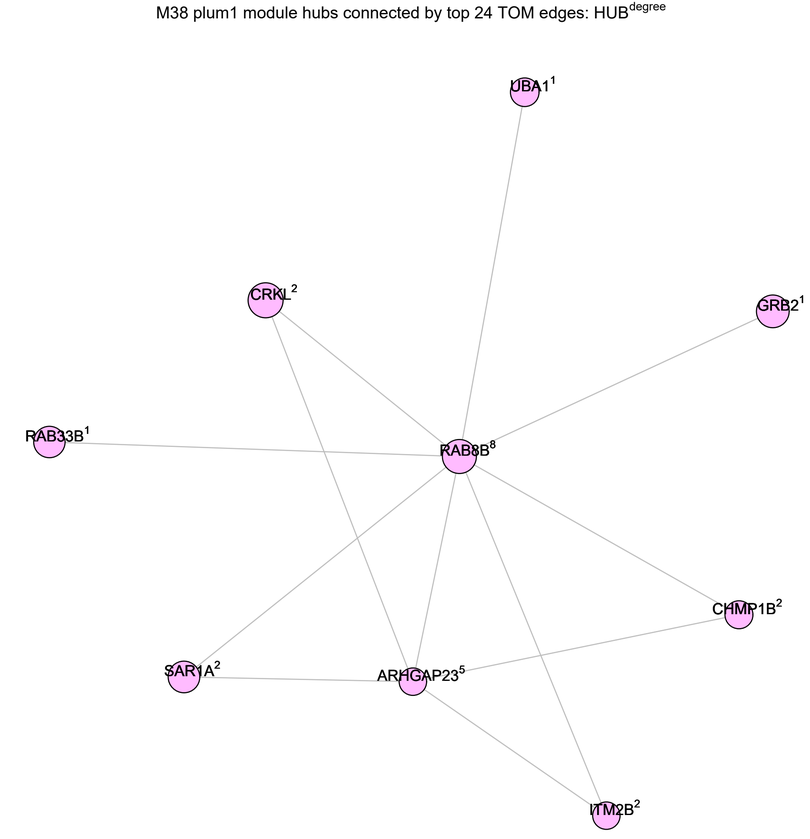

M38 plum1
T-test p = 0.54
Eigenprotein Value
control
psp

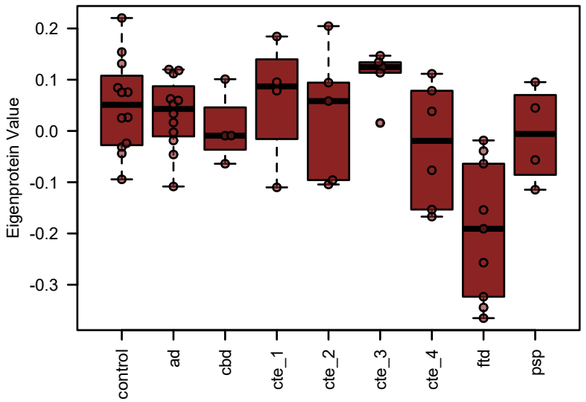

bicor=-0.067, p=0.61
cor=-0.093, p=0.48
Eigenprotein
Age

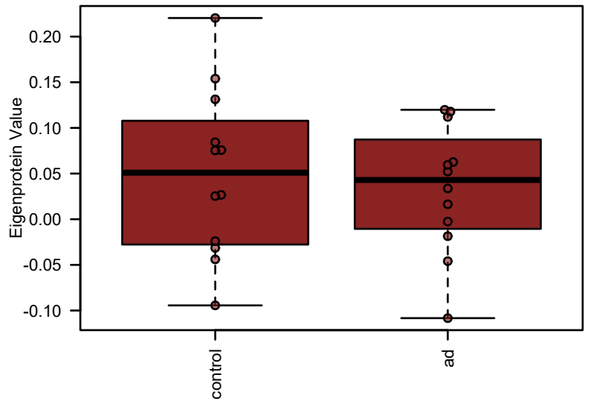

bicor=-0.0033, p=0.98
cor=-0.035, p=0.79
Eigenprotein
Sex

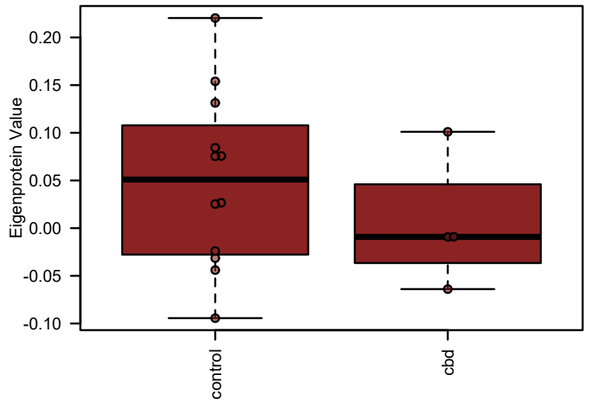

bicor=-0.15, p=0.24
cor=0.027, p=0.84
Eigenprotein
PMI

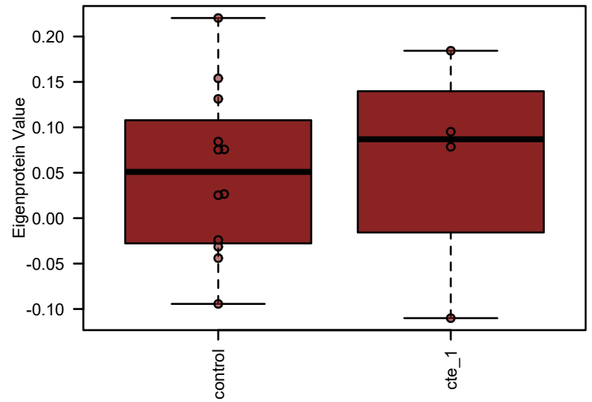

M38 plum1 module
PFAS
EIF2B2
SFT2D2
DEGS1
DNAJC12
BCL2L1
ARMH3
CHGA
HDAC4
SAR1A
GRB2
RWDD1
CSNK1E
MAP2K6
RAB8B
ME1
RAB33B
CRKL
ITM2B
UBA1
ARHGAP23
CSNK1D
RBP4
CHMP1B
EIF2B5
THOC3
SUMO2
ARL8B
PIN4
PEAK1
TIMP2
TMEM199
KCTD4
PI4K2A

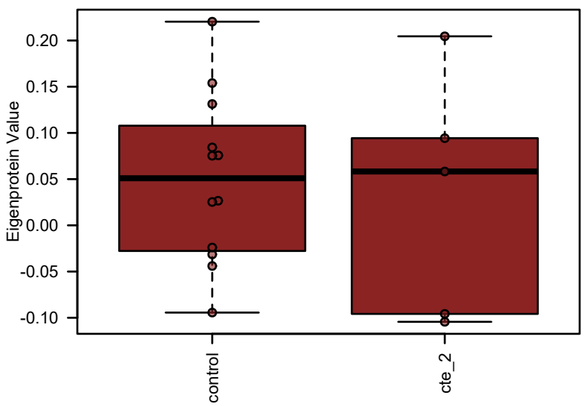

M38 plum1 module hubs connected by top 24 TOM edges: HUB degree
UBA1 1
CRKL 2
GRB2 1
RAB33B 1
RAB8B 8
CHMP1B 2
SAR1A 2
ARHGAP23 5
ITM2B 2

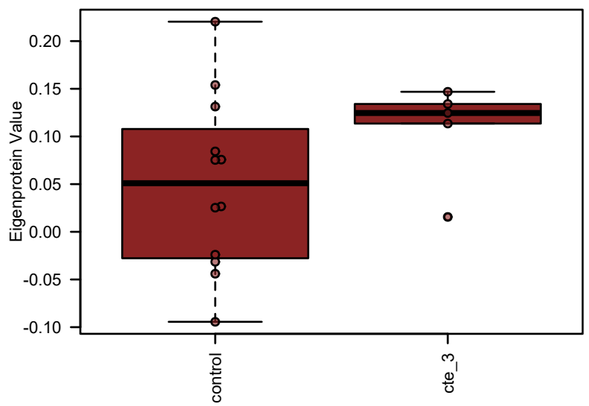

M46 brown4
1-way AOV p = 3.1e-05
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

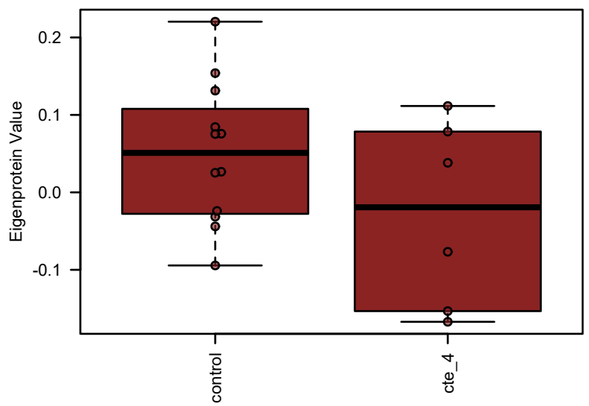

M46 brown4
T-test p = 0.62
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
ad

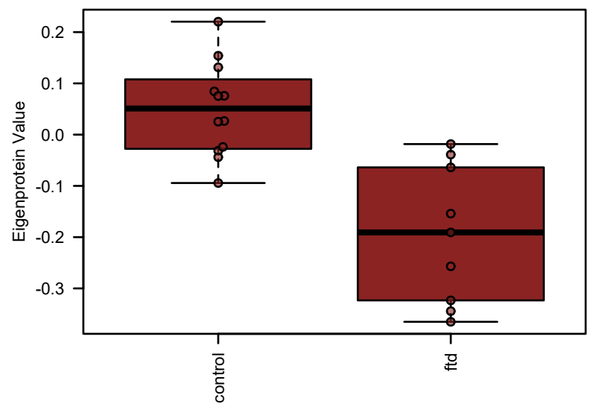

M46 brown4
T-test p = 0.38
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cbd

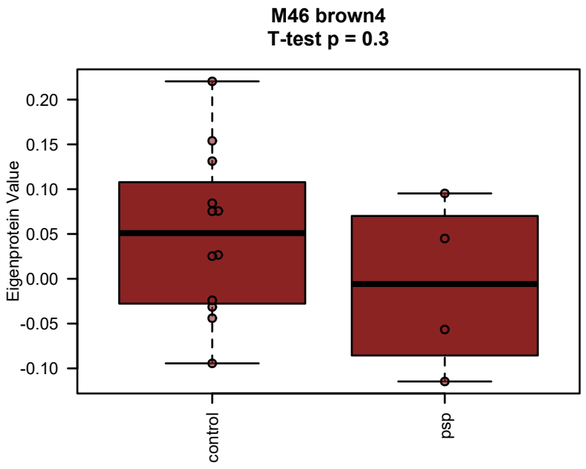

M46 brown4
T-test p = 0.84
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_1

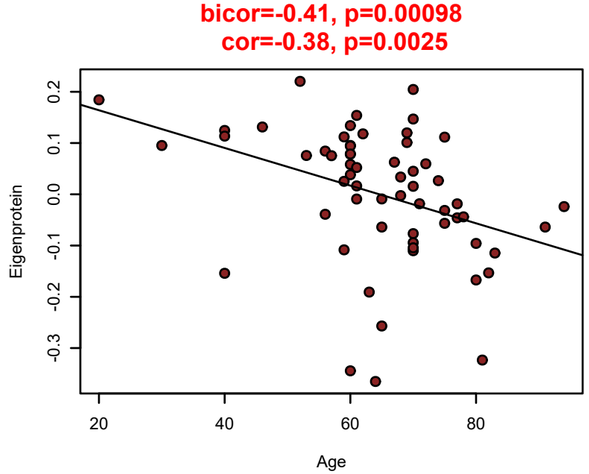

M46 brown4
T-test p = 0.74
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_2

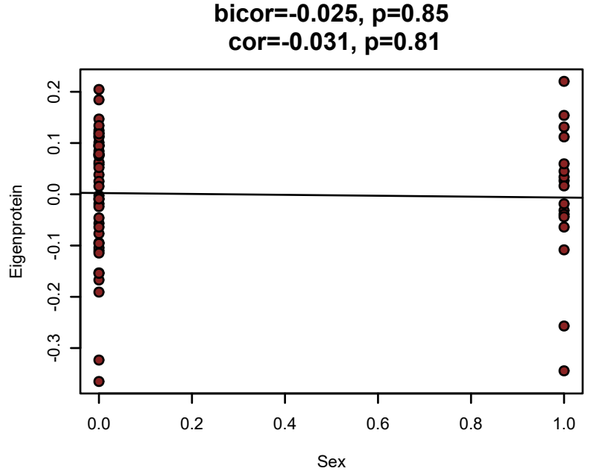

M46 brown4
T-test p = 0.22
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
cte_3

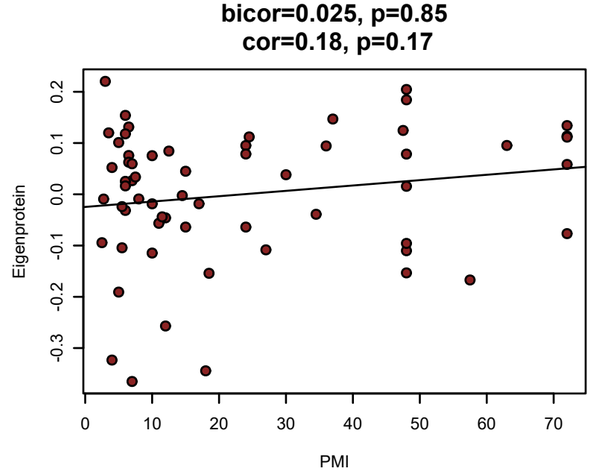

M46 brown4
T-test p = 0.14
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4

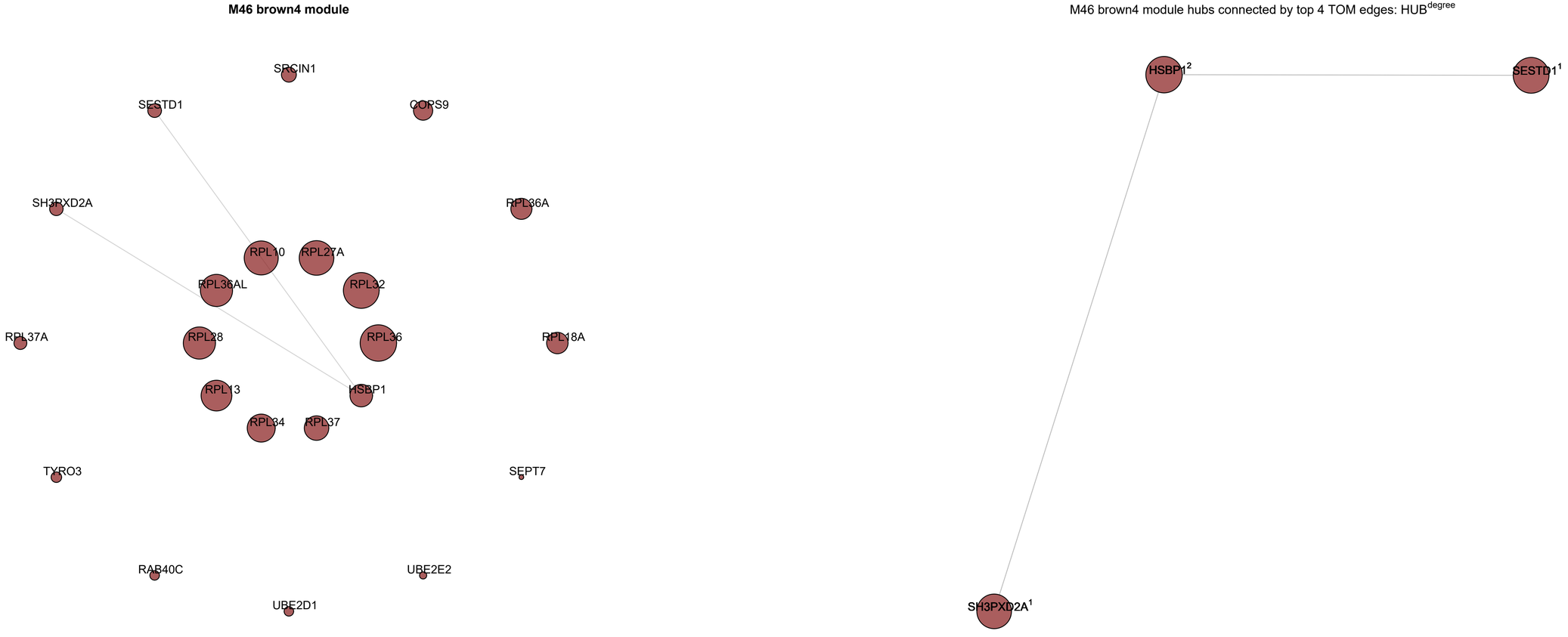

M46 brown4
T-test p = 8.6e-05
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

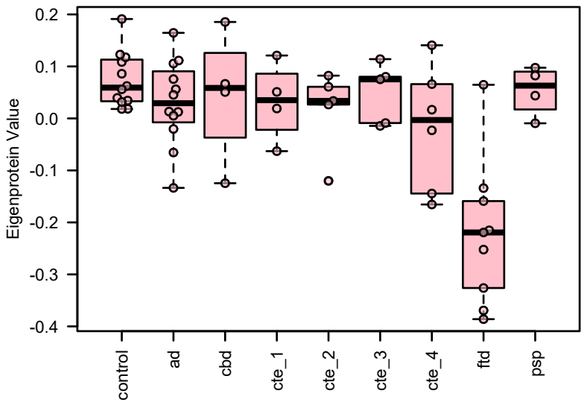

M46 brown4
T-test p = 0.3
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
control
psp

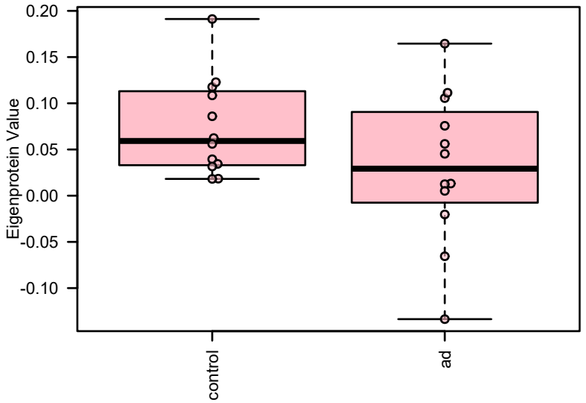

bicor=-0.41, p=0.00098
cor=-0.38, p=0.0025
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

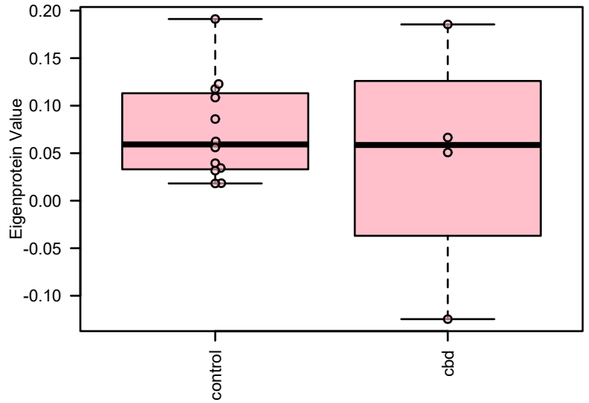

bicor=-0.025, p=0.85
cor=-0.031, p=0.81
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

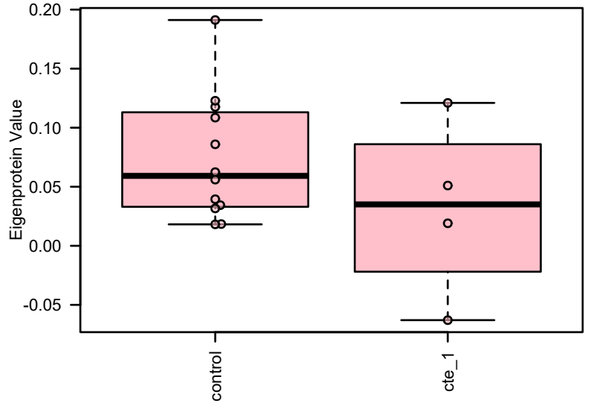

bicor=0.025, p=0.85
cor=0.18, p=0.17
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

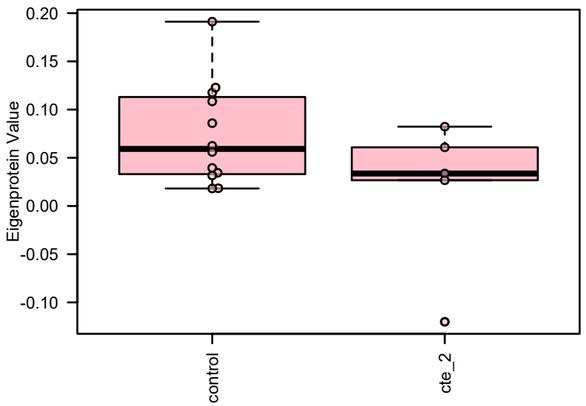

M46 brown4 module
SRCIN1
SESTD1
CORS9
SH3PXD2A
RPL36A
RPL10
RPL27A
RPL36AL
RPL32
RPL37A
RPL28
RPL36
RPL18A
RPL13
HSBP1
RPL34
RPL37
TYRO3
SEPT7
RAB40C
UBE2E2
UBE2D1
M46 brown4 module hubs connected by top 4 TOM edges: HUB degree
HSBP1 2
SESTD1 1
SH3PXD2A 1

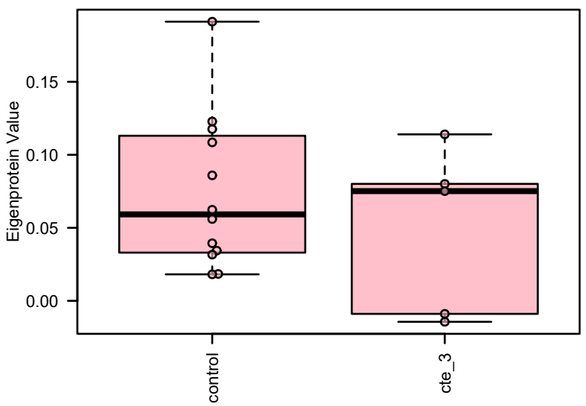

M8 pink
1-way AOV p = 4e-07
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

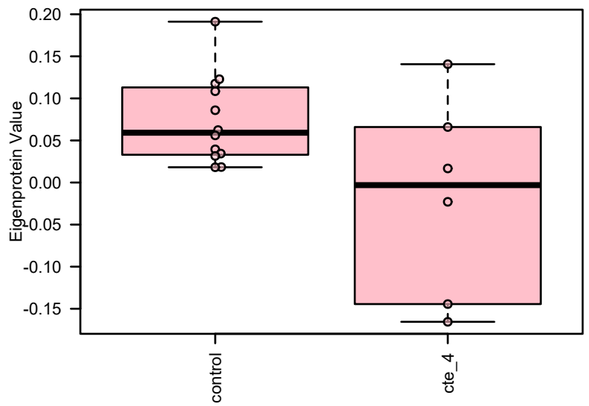

M8 pink
T-test p = 0.14
Eigenprotein Value
control
ad

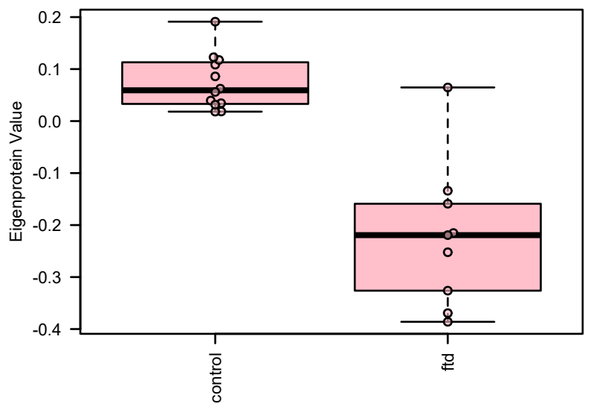

M8 pink
T-test p = 0.51
Eigenprotein Value
control
cbd

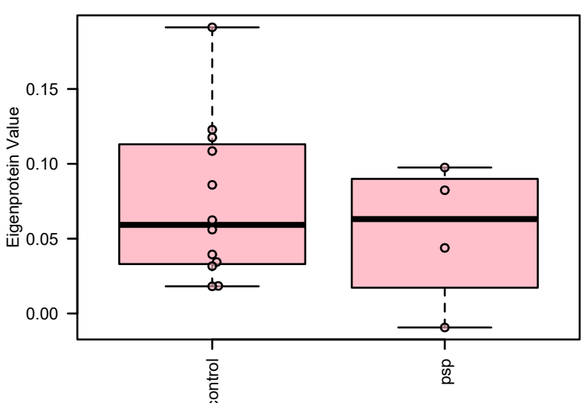

M8 pink
T-test p = 0.24
Eigenprotein Value
control
cte_1

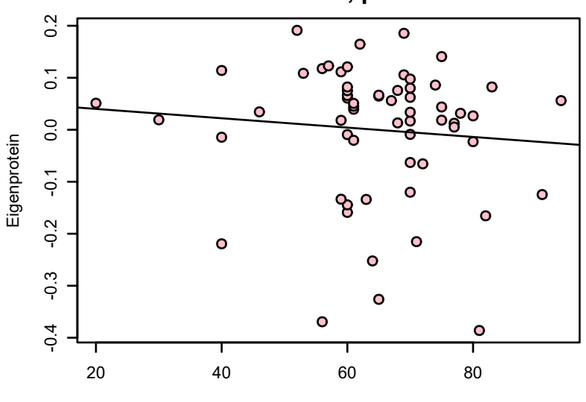

M8 pink
T-test p = 0.099
Eigenprotein Value
control
cte_2

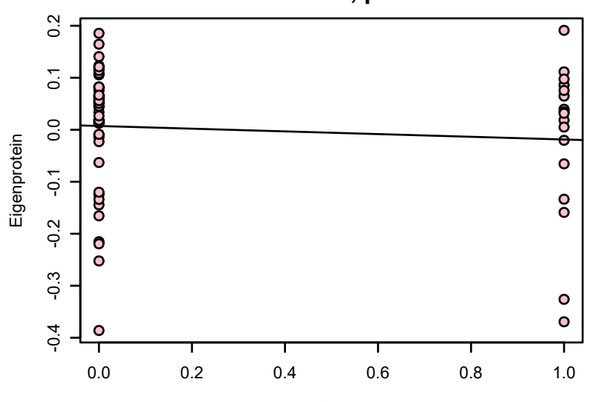

M8 pink
T-test p = 0.4
Eigenprotein Value
control
cte_3

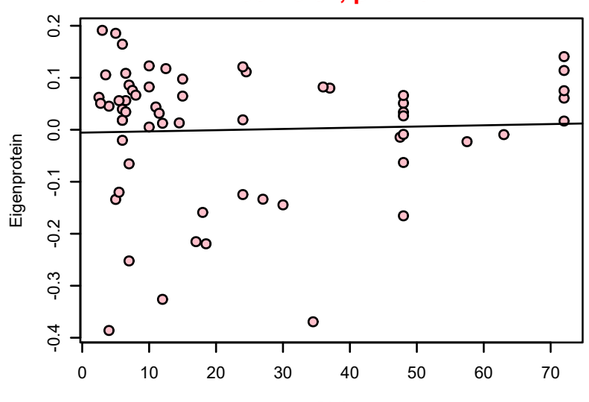

M8 pink
T-test p = 0.035
Eigenprotein Value
control
cte_4

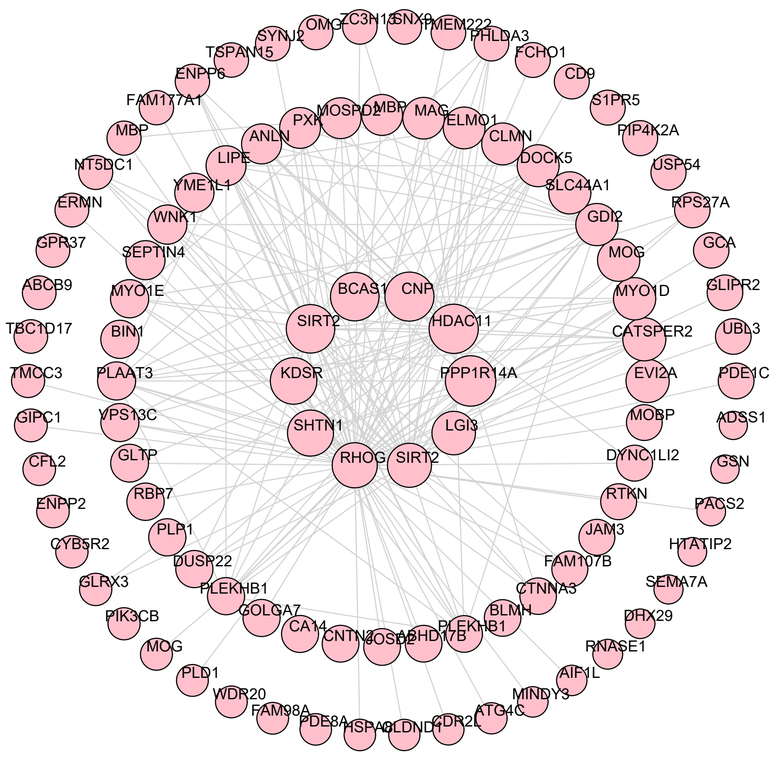

M8 pink
T-test p = 1.7e-06
Eigenprotein Value
control
ftd

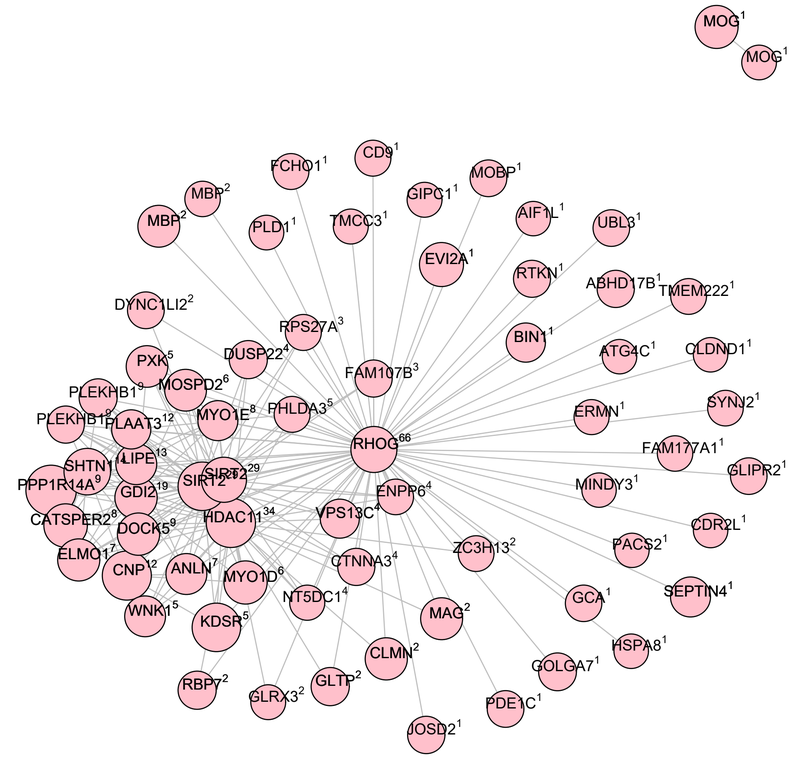

M8 pink
T-test p = 0.51
Eigenprotein Value
control
psp

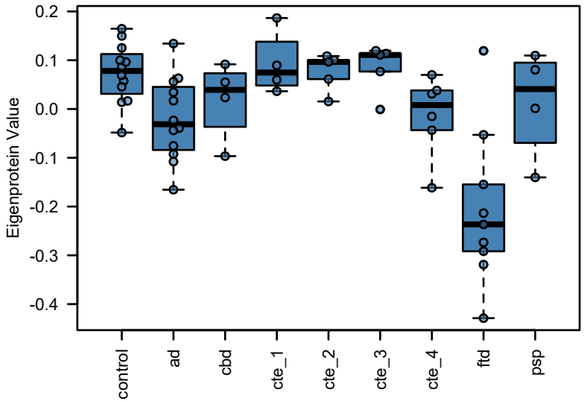

bicor=-0.15, p=0.25
cor=-0.092, p=0.48
Eigenprotein
Age

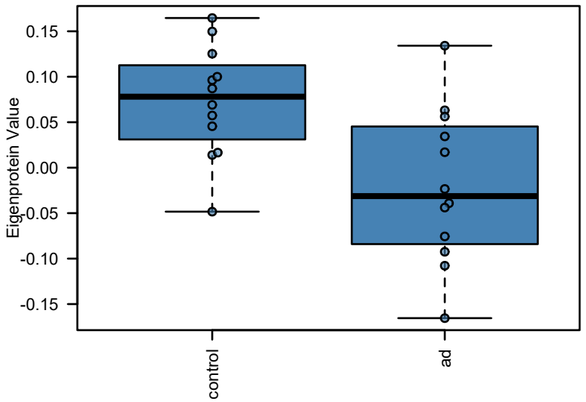

bicor=-0.02, p=0.88
cor=-0.091, p=0.49
Eigenprotein
Sex

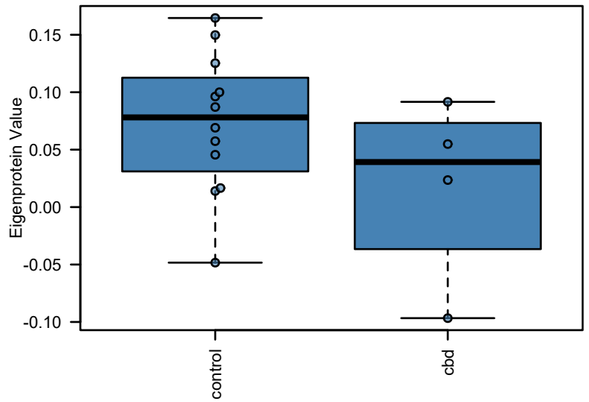

bicor=-0.26, p=0.042
cor=0.04, p=0.76
Eigenprotein
PMI

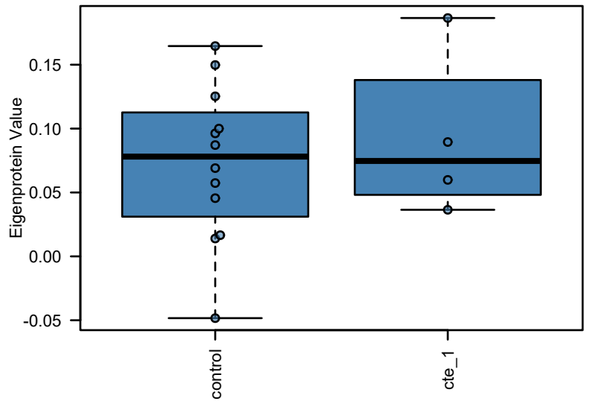

M8 pink module
SYNJ2
OMG
ZC3H13
SNX9
PMEM222
PHLDA3
FCHO1
TSPAN15
CD9
ENPP6
S1PR5
FAM177A1
MOSPD2
MBP
MAG
ELMO1
PXK
PIP4K2A
MBP
ANLN
CLMN
LIPE
DOCK5
USP54
NT5DC1
YME1L1
SLC44A1
RPS27A
ERMN
WNK1
GDI2
GCA
GPR37
SEPTIN4
MOG
GLIPR2
ABCB9
MYO1E
BCAS1
CNP
MYO1D
TBC1D17
SIRT2
HDAC11
CATSPER2
UBL3
BIN1
TMCC3
KDSR
PPP1R14A
EVI2A
PDE1C
PLAAT3
GIPC1
SHTN1
LGI3
MOBP
ADSS1
YPS13C
CFL2
RHOG
SIRT2
DYNC1LI2
GSN
GLTP
ENPP2
RBP7
RTKN
PACS2
PLP1
CYB5R2
JAM3
HTATIP2
DUSP22
FAM107B
GLRX3
SEMA7A
PLEKHB1
CTNNA3
PIK3CB
GOLGA7
BLMH
DHX29
CA14
CNTN2
PLEKHB1
MOG
ABHD17B
RNASE1
PLD1
AIF1L
WDR20
MINDY3
FAM98A
PDE8A
HSPA8
GLDND1
CDR2L
ATG4C

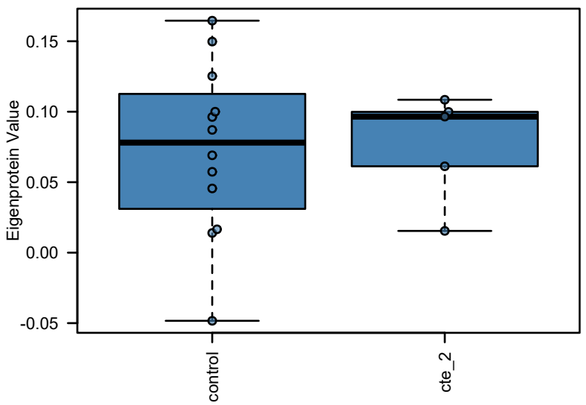

M8 pink module hubs connected by top 400 TOM edges: HUB^degree
MOG^1
MOG^1
FCHO1^1
CD9^1
MOBP^1
MBP^2
GIPC1^1
AIF1L^1
MBP^2
PLD1^1
TMCC3^1
UBL3^1
EVI2A^1
RTKN^1
ABHD17B^1
TMEM222^1
DYNC1LI2^2
RPS27A^3
BIN1^1
DUSP22^4
ATG4C^1
CLDND1^1
PXK^5
FAM107B^3
PLEKHB1^9
MOSPD2^6
ERMN^1
SYNJ2^1
PLEKHB1^9
PLAAT3^12
MYO1E^8
PHLDA3^5
RHOG^66
FAM177A1^1
SHTN1^4
LIPE^13
SIRT2^29
GLIPR2^1
PPP1R14A^9
GDI2^19
MINDY3^1
ENPP6^4
CATSPER2^8
HDAC11^34
VPS13C^4
CDR2L^1
DOCK5^9
ZC3H13^2
PACS2^1
ELMO1^7
CNP^12
ANLN^7
MYO1D^6
CTNNA3^4
SEPTIN4^1
WNK1^5
NT5DC1^4
GCA^1
KDSR^5
MAG^2
HSPA8^1
CLMN^2
GOLGA7^1
RBP7^2
GLTP^2
GLRX3^2
PDE1C^1
JOSD2^1

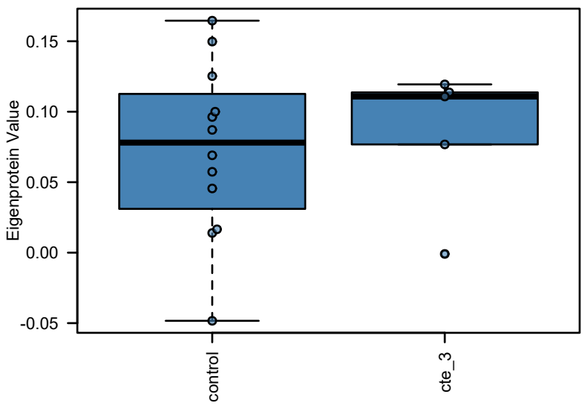

M30 steelblue
1-way AOV p = 5.8e-07
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

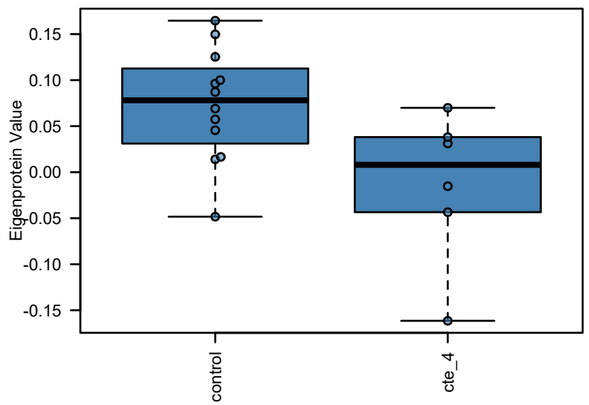

M30 steelblue
T-test p = 0.0053
Eigenprotein Value
control
ad

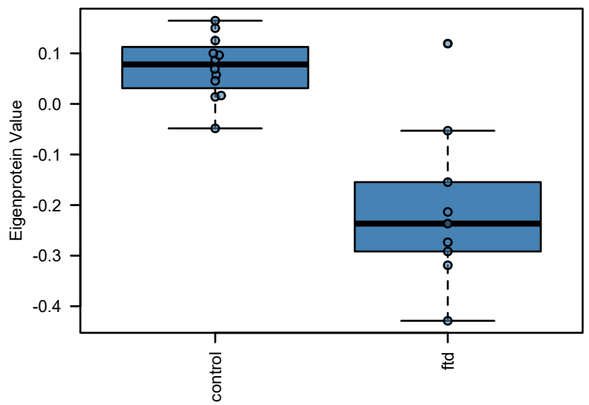

M30 steelblue
T-test p = 0.17
Eigenprotein Value
control
cbd

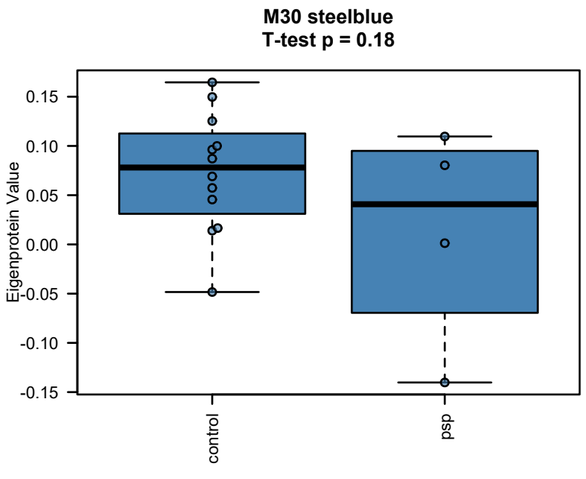

M30 steelblue
T-test p = 0.59
Eigenprotein Value
control
cte_1

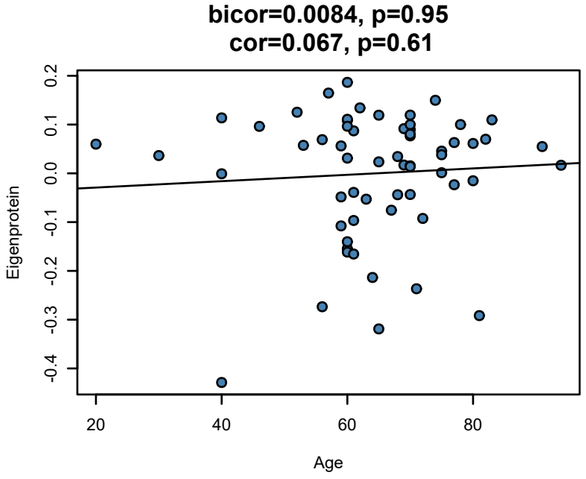

M30 steelblue
T-test p = 0.92
Eigenprotein Value
control
cte_2

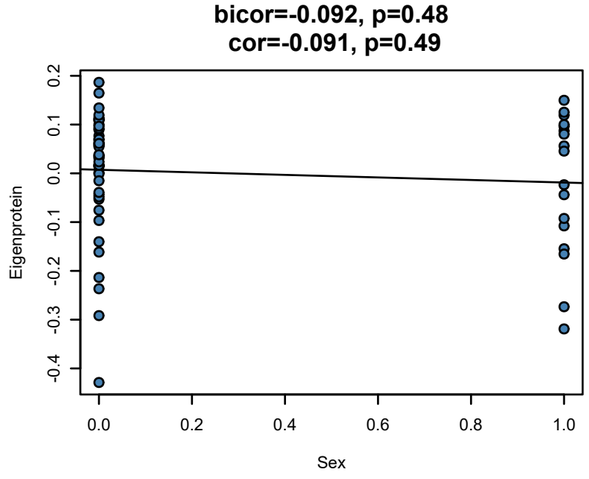

M30 steelblue
T-test p = 0.73
Eigenprotein Value
control
cte_3

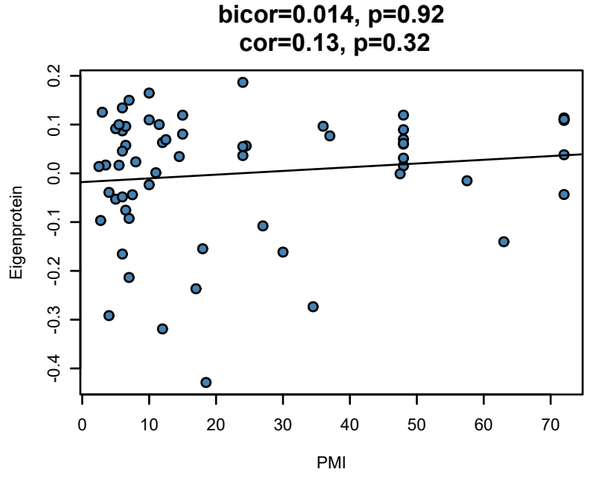

M30 steelblue
T-test p = 0.023
Eigenprotein Value
control
cte_4

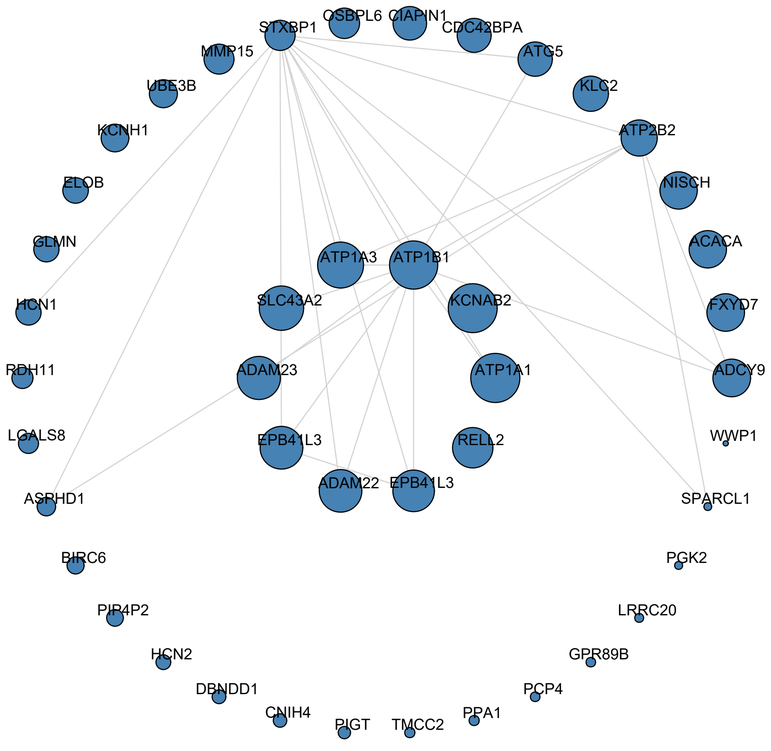

M30 steelblue
T-test p = 2.4e-05
Eigenprotein Value
control
ftd

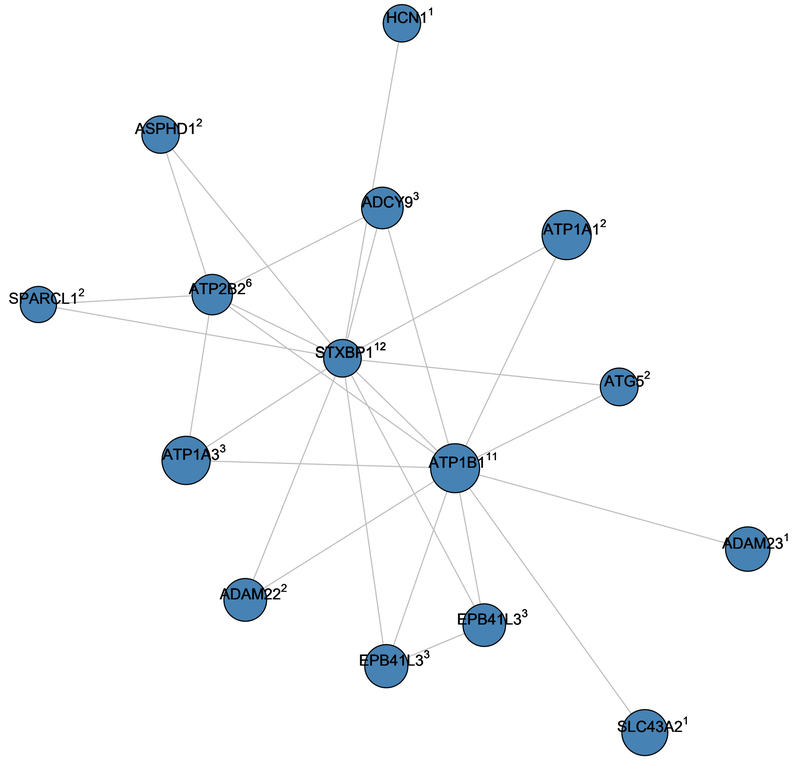

M30 steelblue
T-test p = 0.18
Eigenprotein Value
control
psp

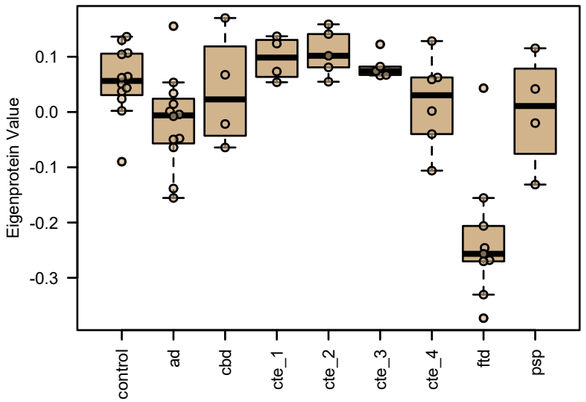

bicor=0.0084, p=0.95
cor=0.067, p=0.61
Eigenprotein
Age

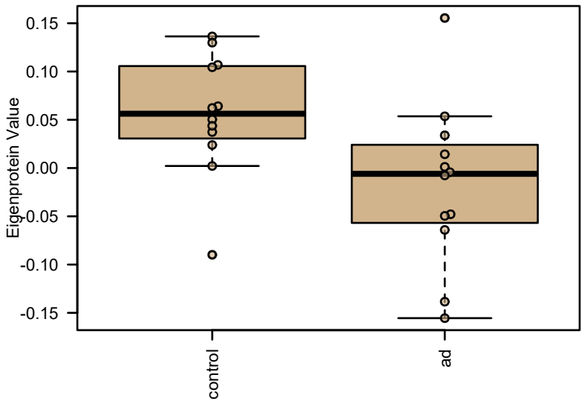

bicor=-0.092, p=0.48
cor=-0.091, p=0.49
Eigenprotein
Sex

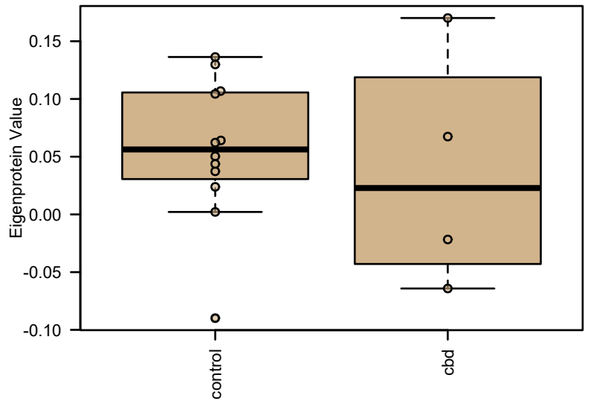

bicor=0.014, p=0.92
cor=0.13, p=0.32
Eigenprotein
PMI

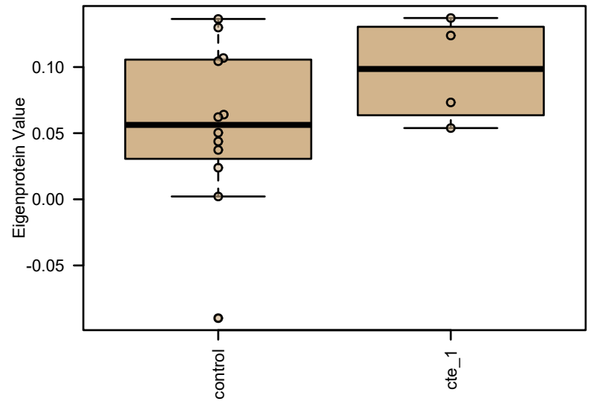

M30 steelblue module
STXBP1
OSBPL6
CIAPIN1
CDC42BPA
MMP15
ATG5
UBE3B
KLC2
KCNH1
ATP2B2
ELOB
NISCH
GLMN
ACACA
ATP1A3
ATP1B1
HCN1
SLC43A2
KCNAB2
FXYD7
RDH11
ADAM23
ATP1A1
ADCY9
LOALS8
EPB41L3
RELL2
WWP1
ADAM22
EPB41L3
ASPHD1
SPARCL1
BIRC6
PGK2
PIP4P2
LRRC20
HCN2
GPR89B
DBNDD1
PCP4
CNIH4
PPA1
PIGT
TMCC2

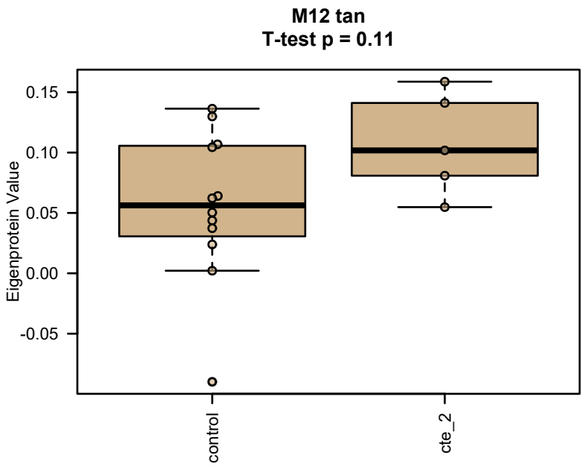

M30 steelblue module hubs connected by top 54 TOM edges: HUB^degree
HCN1^1
ASPHD1^2
ADCY9^3
ATP1A1^2
SPARCL1^2
ATP2B2^6
STXBP1^12
ATG5^2
ATP1A3^3
ATP1B1^11
ADAM23^1
ADAM22^2
EPB41L3^3
EPB41L3^3
SLC43A2^1

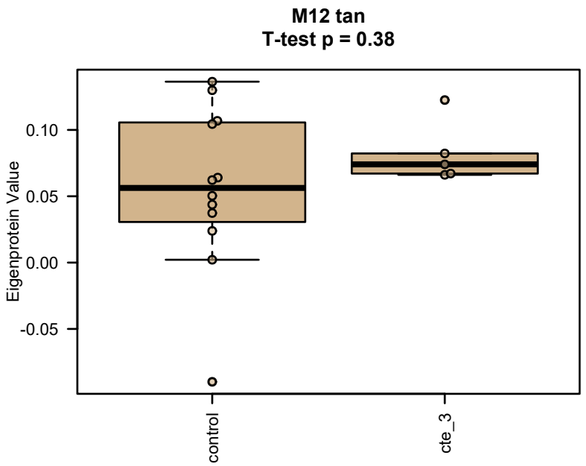

M12 tan
1-way AOV p = 1.4e-09
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

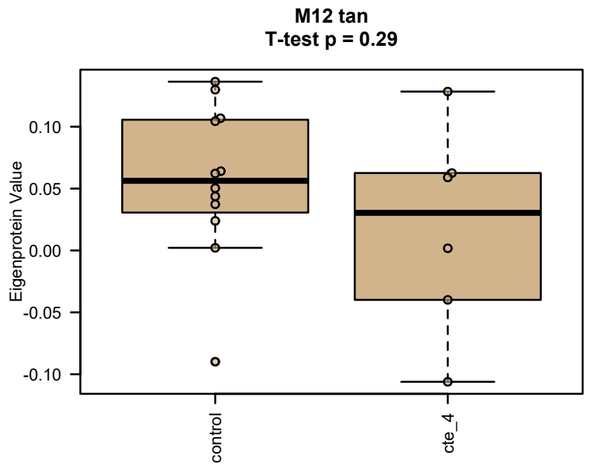

M12 tan
T-test p = 0.023
Eigenprotein Value
control
ad

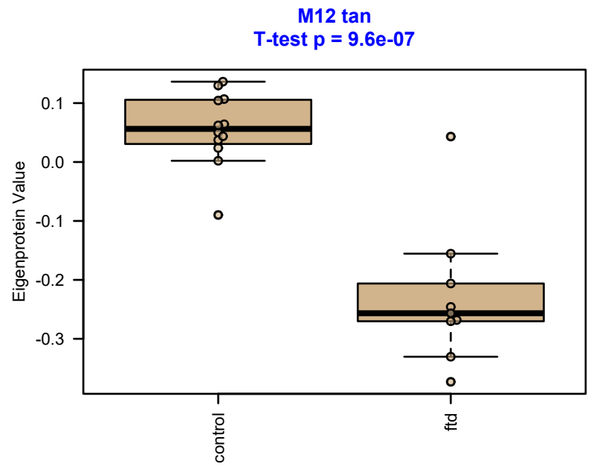

M12 tan
T-test p = 0.68
Eigenprotein Value
control
cbd

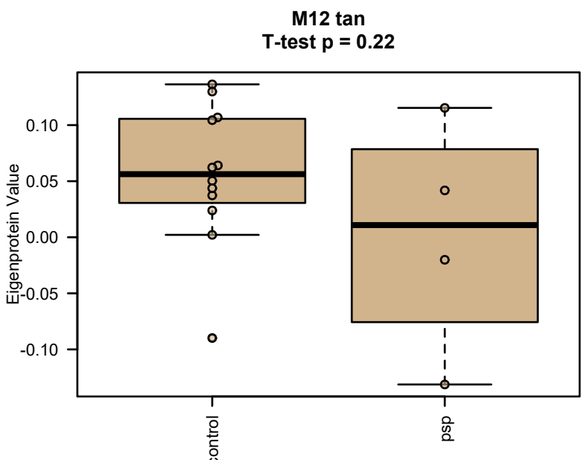

M12 tan
T-test p = 0.24
Eigenprotein Value
control
cte_1

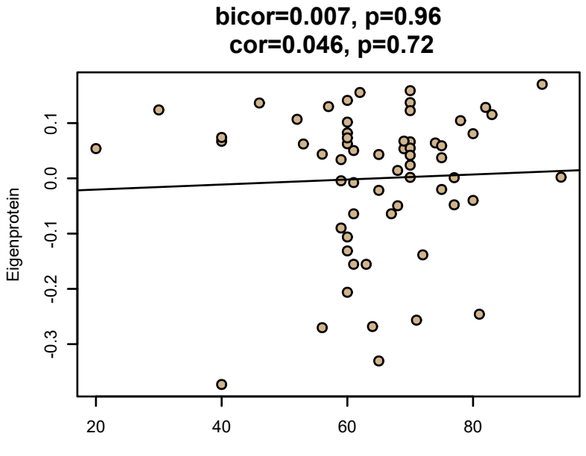

M12 tan
T-test p = 0.11
Eigenprotein Value
control
cte_2

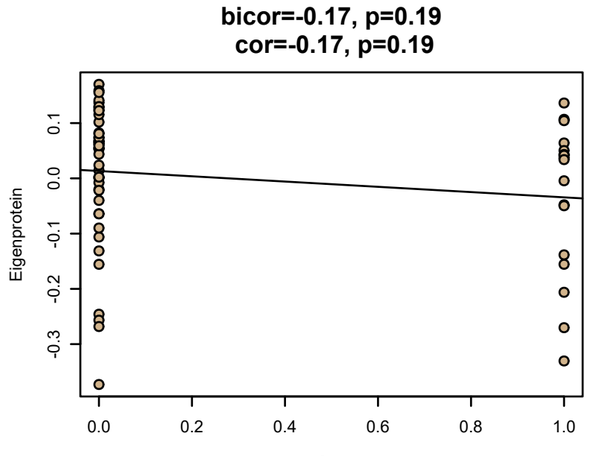

M12 tan
T-test p = 0.38
Eigenprotein Value
control
cte_3

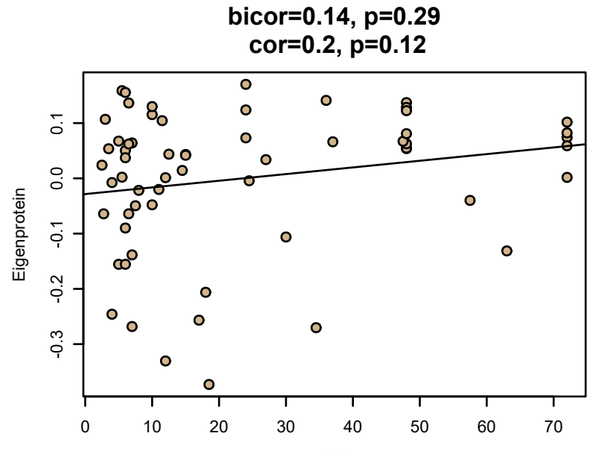

M12 tan
T-test p = 0.29
Eigenprotein Value
control
cte_4

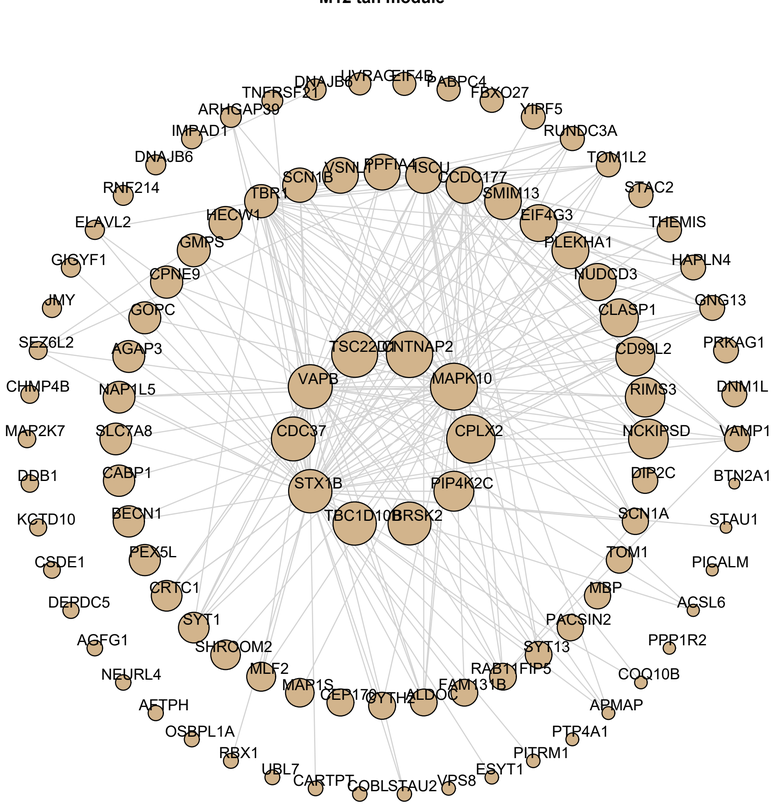

M12 tan
T-test p = 9.6e-07
Eigenprotein Value
control
ftd


M12 tan
T-test p = 0.22
Eigenprotein Value
control
psp

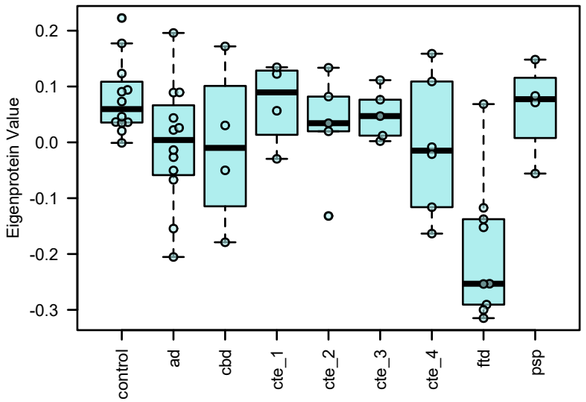

bicor=0.007, p=0.96
cor=0.046, p=0.72
Eigenprotein
Age

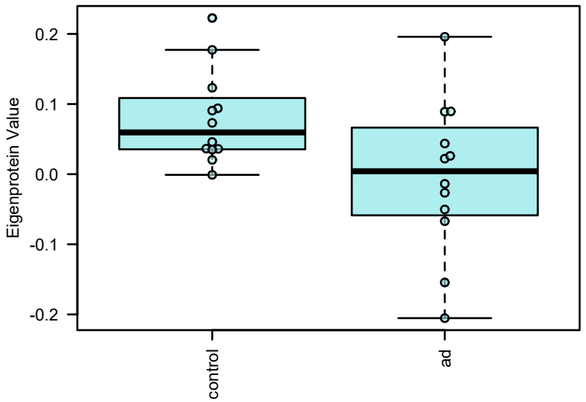

bicor=-0.17, p=0.19
cor=-0.17, p=0.19
Eigenprotein
Sex

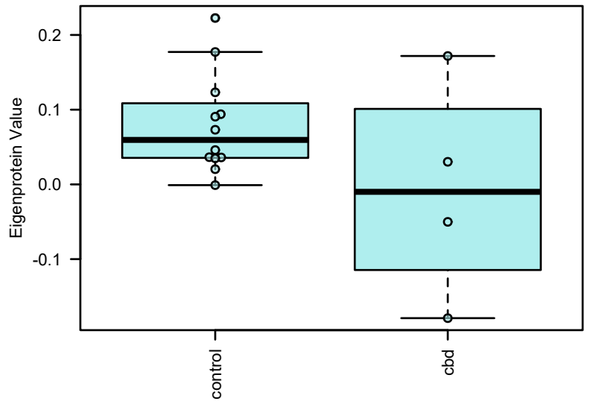

bicor=0.14, p=0.29
cor=0.2, p=0.12
Eigenprotein
PMI

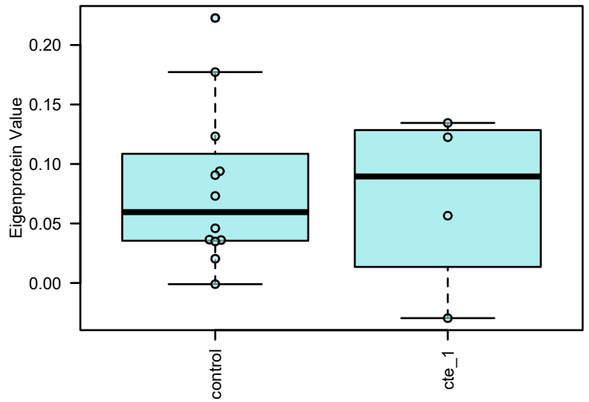


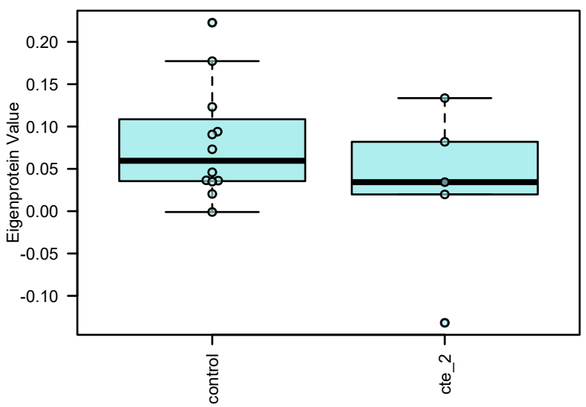
M12 tan module hubs connected by top 400 TOM edges: HUB^{degree}

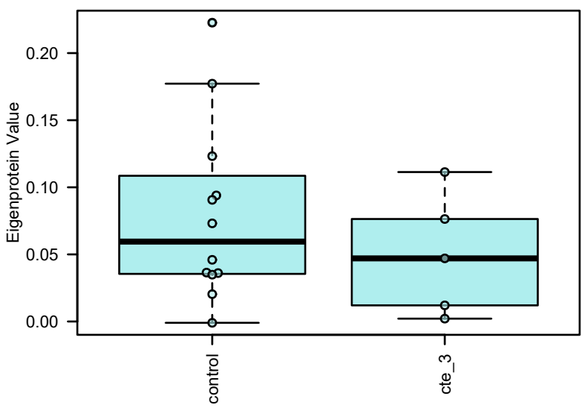

M31 paleturquoise
1-way AOV p = 3.1e-05
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

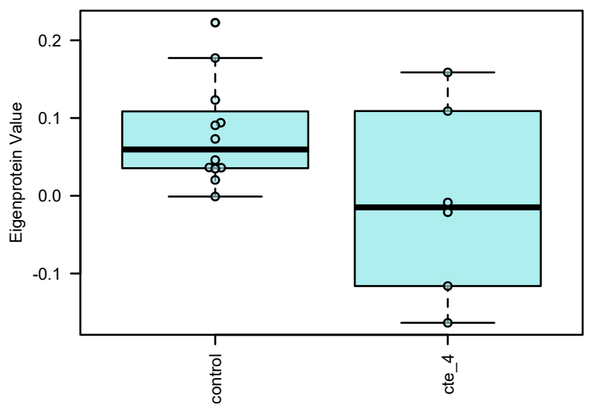

M31 paleturquoise
T-test p = 0.034
Eigenprotein Value
control
ad

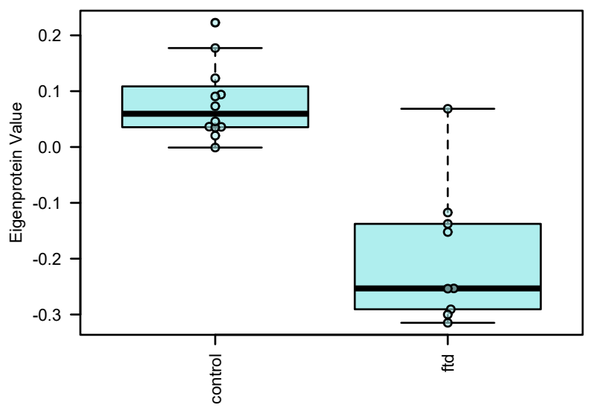

M31 paleturquoise
T-test p = 0.12
Eigenprotein Value
control
cbd

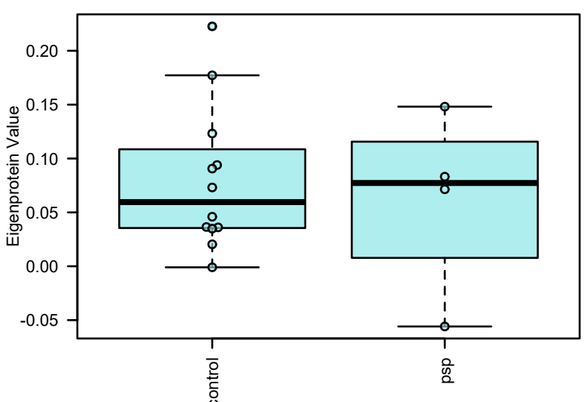

M31 paleturquoise
T-test p = 0.83
Eigenprotein Value
control
cte_1

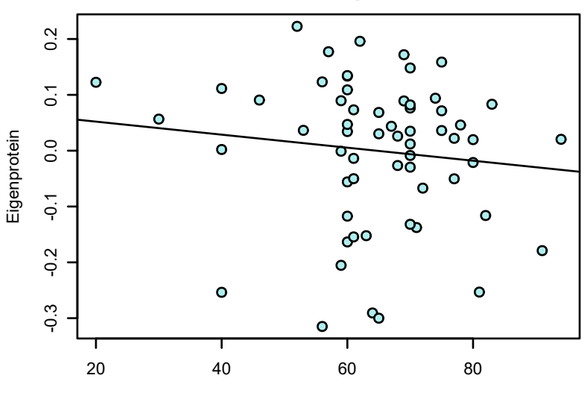

M31 paleturquoise
T-test p = 0.22
Eigenprotein Value
control
cte_2

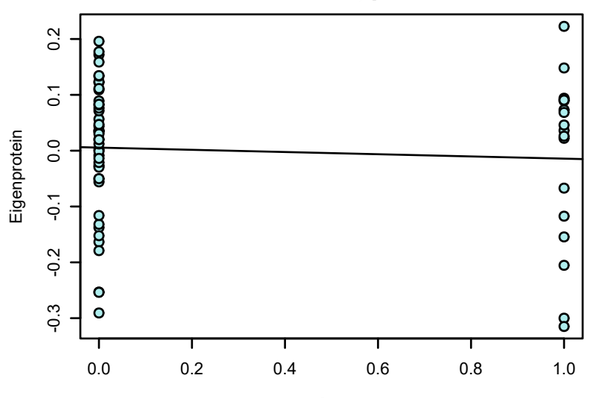

M31 paleturquoise
T-test p = 0.38
Eigenprotein Value
control
cte_3

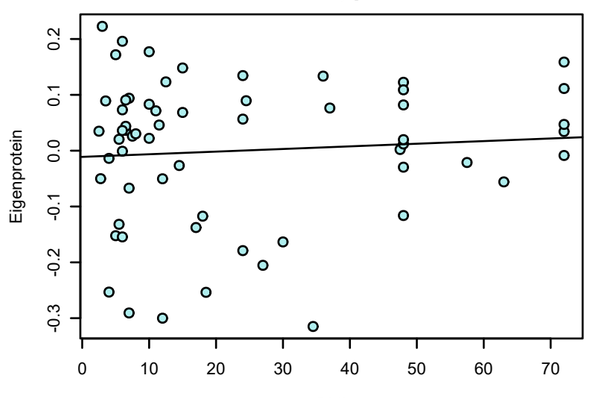

M31 paleturquoise
T-test p = 0.07
Eigenprotein Value
control
cte_4

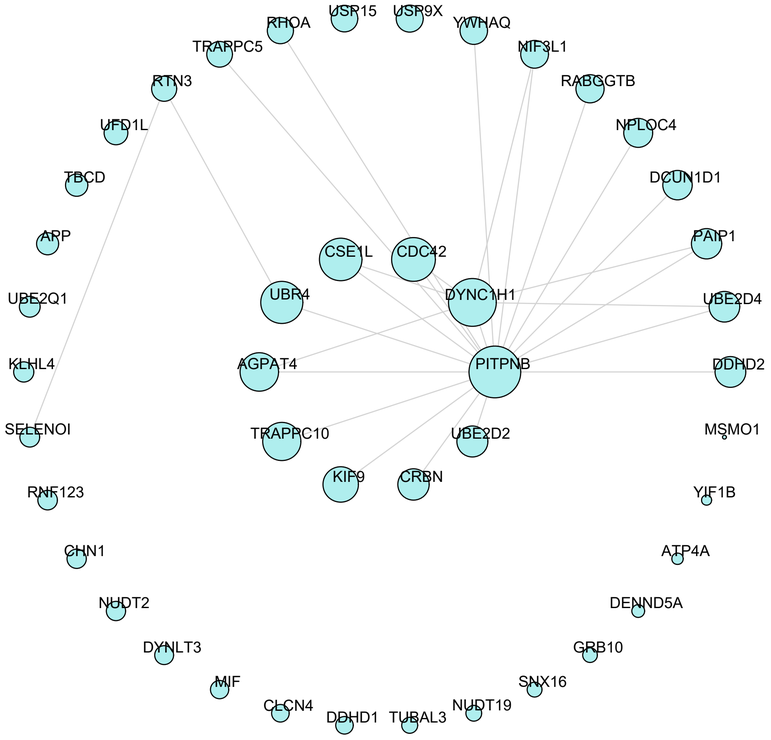

M31 paleturquoise
T-test p = 2.9e-06
Eigenprotein Value
control
ftd

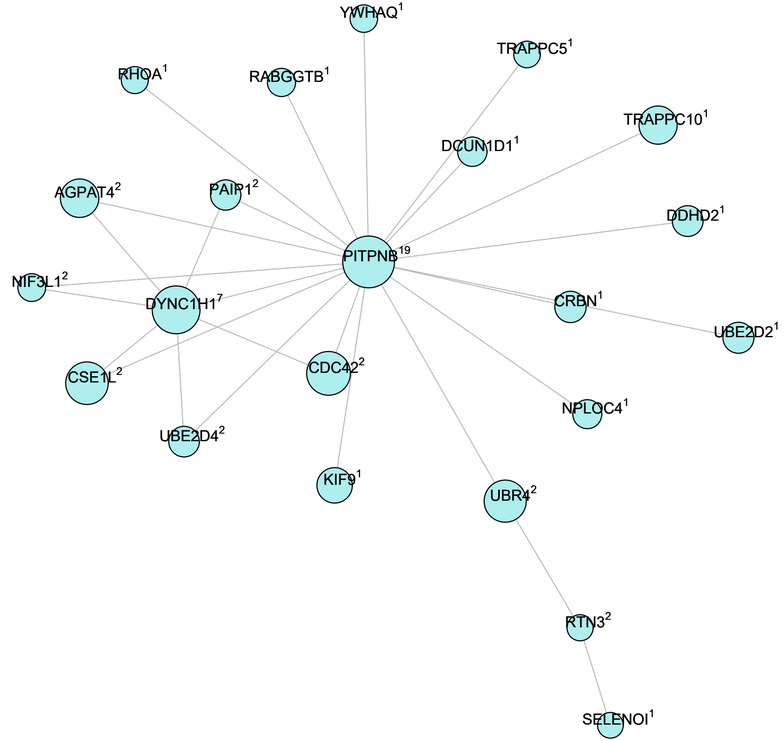

M31 paleturquoise
T-test p = 0.67
Eigenprotein Value
control
psp

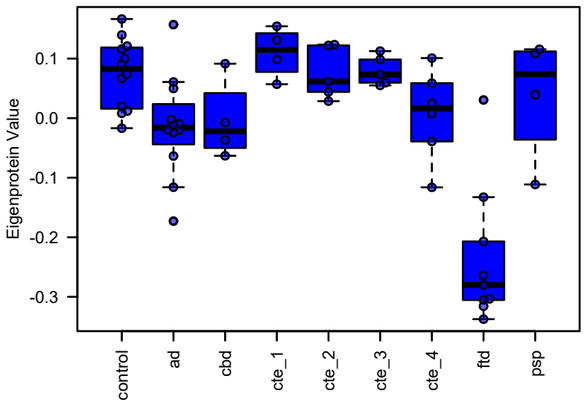

bicor=-0.12, p=0.35
cor=-0.12, p=0.36
Eigenprotein
Age

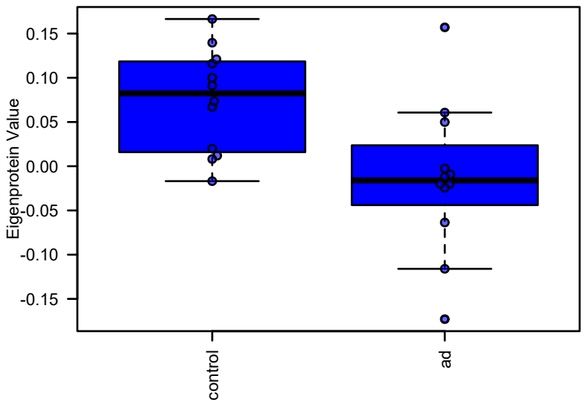

bicor=-0.02, p=0.88
cor=-0.069, p=0.6
Eigenprotein
Sex

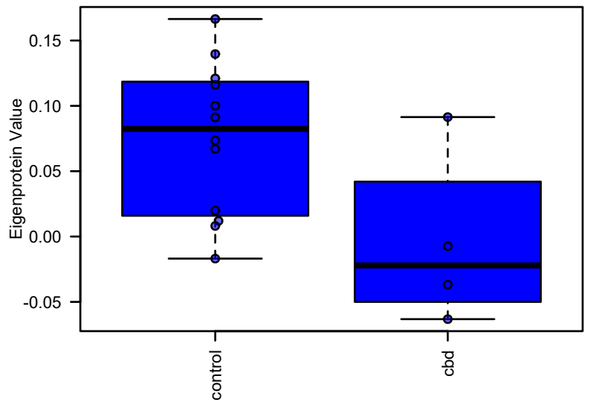

bicor=-0.1, p=0.43
cor=0.08, p=0.54
Eigenprotein
PMI

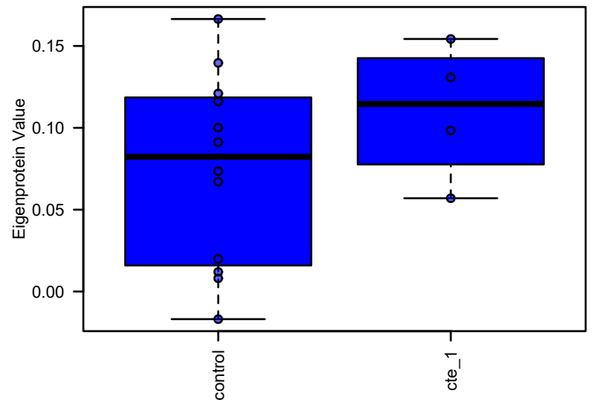

M31 paleturquoise module
USP15
USP9X
YWHAQ
RHOA
TRAPPC5
MIF3L1
RTN3
RABGGTB
UFD1L
NPLOC4
TBCD
DCUN1D1
ARP
PAIP1
CSE1L
CDC42
UBR4
DYNC1H1
UBE2Q1
UBE2D4
KLHL4
AGPAT4
PITPNB
DDHD2
SELENOI
TRAPPC10
UBE2D2
MSMO1
KIF9
CRBN
RNF123
YIF1B
CHN1
ATP4A
NUDT2
DENND5A
DYNLT3
GRB10
MIF
SNX16
CLCN4
DDHD1
TUBAL3
NUDT19

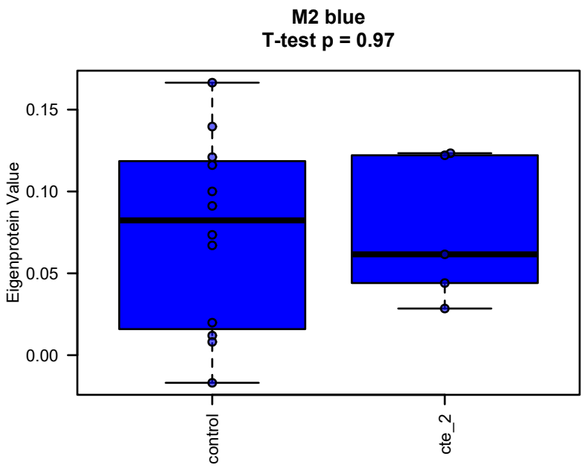

M31 paleturquoise module hubs connected by top 54 TOM edges: HUB degree
YWHAQ 1
TRAPPC5 1
RHOA 1
RABGGTB 1
TRAPPC10 1
DCUN1D1 1
AGPAT4 2
PAIP1 2
DDHD2 1
PITPNB 19
NIF3L1 2
DYNC1H1 7
CRBN 1
UBE2D2 1
CSE1L 2
CDC42 2
NPLOC4 1
UBE2D4 2
KIF9 1
UBR4 2
RTN3 2
SELENOI 1

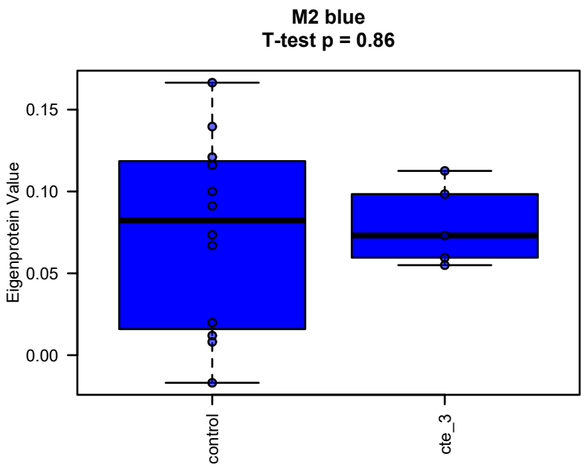

M2 blue
1-way AOV p = 1.4e-10
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

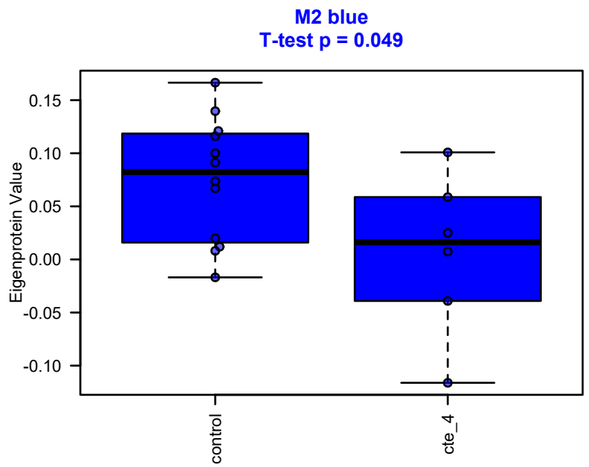

M2 blue
T-test p = 0.0061
Eigenprotein Value
control
ad

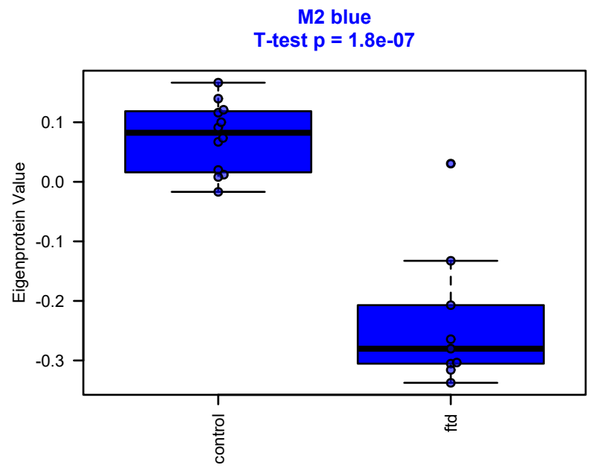

M2 blue
T-test p = 0.04
Eigenprotein Value
control
cbd

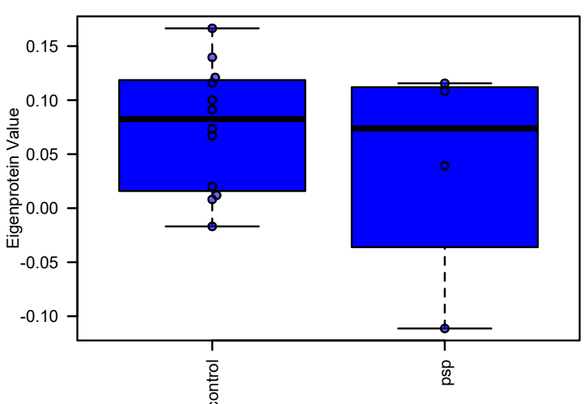

M2 blue
T-test p = 0.29
Eigenprotein Value
control
cte_1

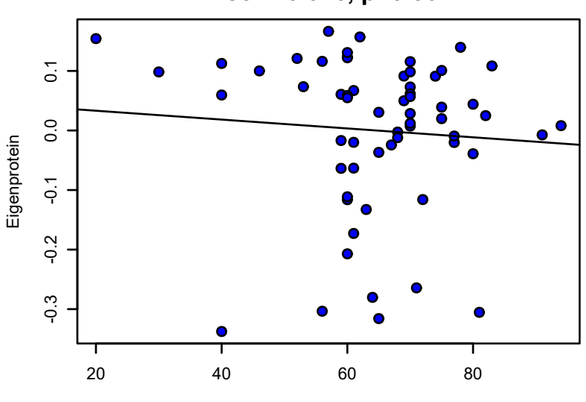

M2 blue
T-test p = 0.97
Eigenprotein Value
control
cte_2

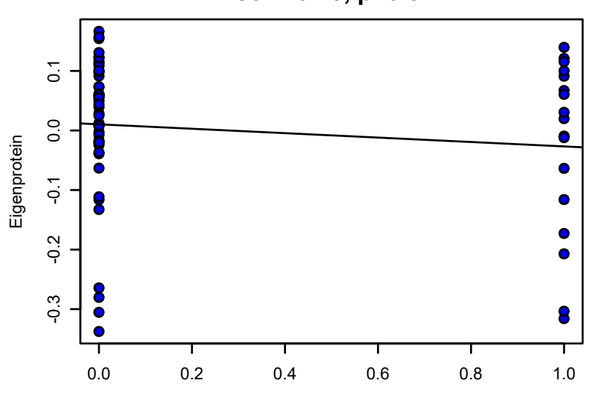

M2 blue
T-test p = 0.86
Eigenprotein Value
control
cte_3

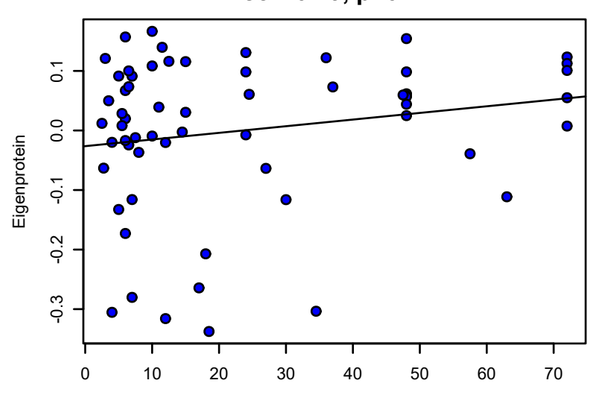

M2 blue
T-test p = 0.049
Eigenprotein Value
control
cte_4


M2 blue
T-test p = 1.8e-07
Eigenprotein Value
control
ftd

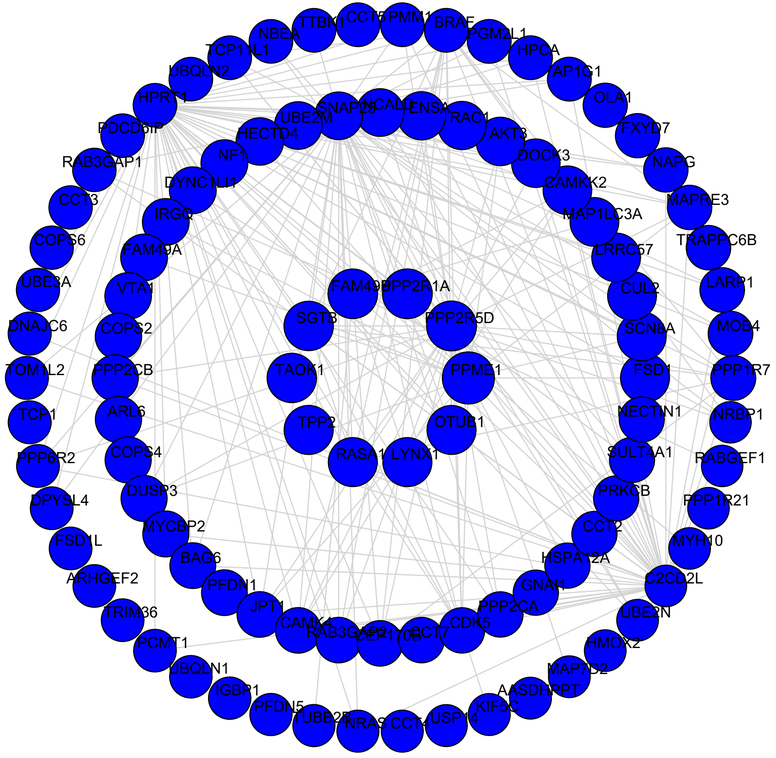

M2 blue
T-test p = 0.38
Eigenprotein Value
control
psp

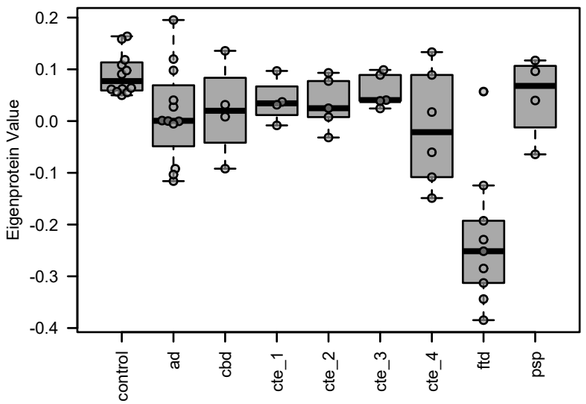

bicor=-0.053, p=0.68
cor=-0.076, p=0.56
Eigenprotein
Age

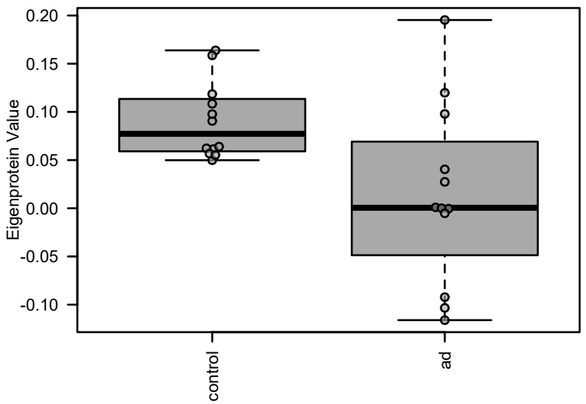

bicor=-0.12, p=0.34
cor=-0.13, p=0.32
Eigenprotein
Sex

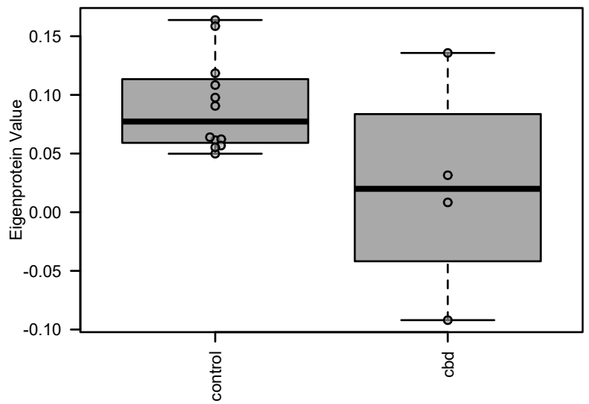

bicor=0.069, p=0.6
cor=0.19, p=0.14
Eigenprotein
PMI

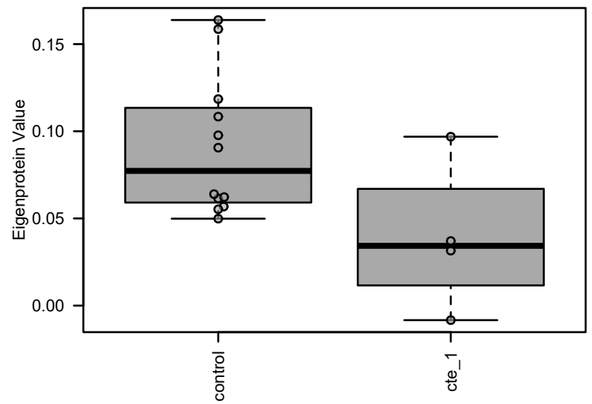
M2 blue module

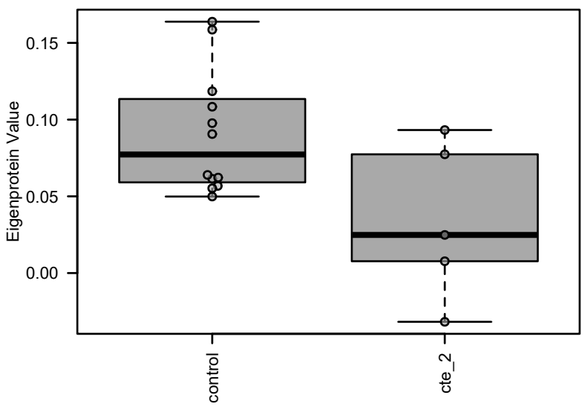

TTBK1
CCT6
PPM1
BRAF
PGM2L1
HPCA
AP1G1
OLA1
FXYD7
NAPG
MAPRE3
TRAPPC6B
LARP1
MOB4
PPP1R7
NRBP1
RABGEF1
PPP1R21
MYH10
C2CD2L
UBE2N
HMOX2
MAP7D2
AASDHPPT
KIF5C
USP14
NRAS
CCT4
TUBB2B
PFDN5
IGBP1
UBQLN1
PCMT1
ARHGEF2
TRIM36
PFDN1
JPT1
CAMK4
RAB3GAP2
UBE2D3
CDK5
PPP2CA
GNAI1
HSPA12A
BAG6
MYCBP2
FSD1L
DPYSL4
DUSP3
COPS4
ARL6
PPP6R2
TCP1
TOM1L2
DNAJC6
UBE3A
COPS6
CCT3
RAB3GAP1
PDCD6IP
HPRT1
UBQLN2
TCP1L1
NBEA
UBE2M
SNAP29
CALLN3
ENSA
RAC1
AKT3
DOCK3
CAMKK2
MAP1LC3A
LRRC57
CUL2
SCN8A
FSD1
NECTN1
SULT4A1
PRKCB
CCT2
HSPA12A
GNAI1
PPP2CA
CDK5
UBE2D3
CAMK4
RAB3GAP2
PPP1R12A
PPP2R5D
TAOK1
TPP2
RASA1
LYNX1
SGTB
FAM49B
PPP2R1A
PPP2R5D
PPME1
OTUB1
NF1
DYNC1LI1
IRGQ
FAM49A
VTA1
COPS2
PPP2CB
ARL6
COPS4
DUSP3
MYCBP2
BAG6
PFDN1
JPT1
CAMK4
RAB3GAP2
UBE2D3
CDK5
PPP2CA
GNAI1
HSPA12A
PRKCB
CCT2
SULT4A1
NECTN1
OTUB1
RASA1
LYNX1
SGTB
FAM49B
PPP2R1A
PPP2R5D
PPME1
FSD1
SCN8A
MOB4
PPP1R7
NRBP1
RABGEF1
PPP1R21
MYH10
C2CD2L
UBE2N
HMOX2
MAP7D2
AASDHPPT
KIF5C
USP14
NRAS
CCT4
TUBB2B
PFDN5
IGBP1
UBQLN1
PCMT1
ARHGEF2
TRIM36

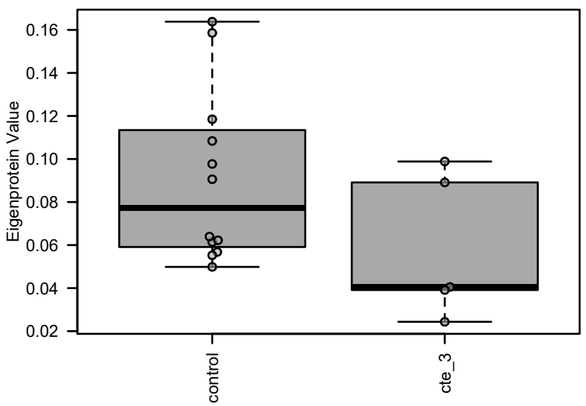

M24 darkgrey
1-way AOV p = 1.4e-08
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

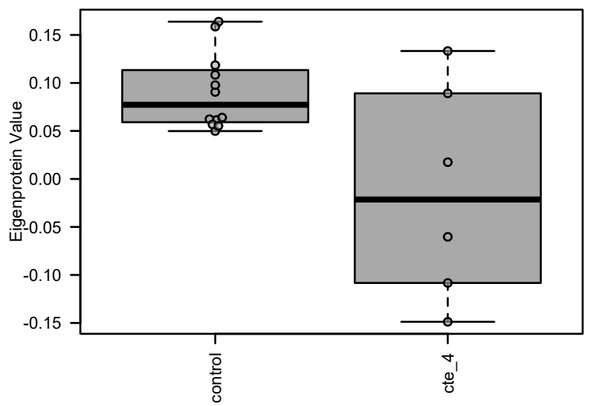

M24 darkgrey
T-test p = 0.015
Eigenprotein Value
control
ad

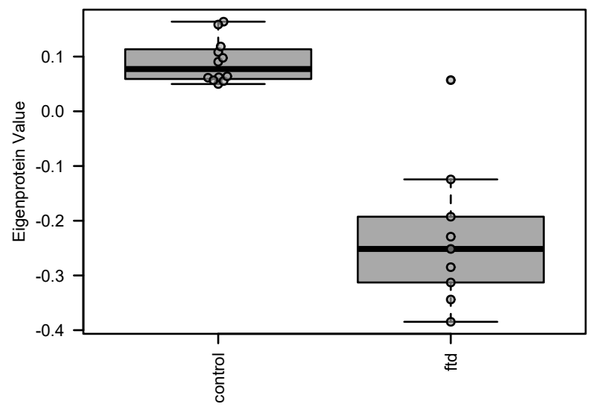

M24 darkgrey
T-test p = 0.049
Eigenprotein Value
control
cbd

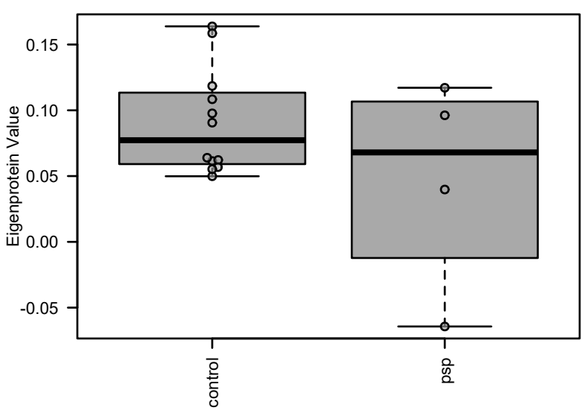

M24 darkgrey
T-test p = 0.047
Eigenprotein Value
control
cte_1

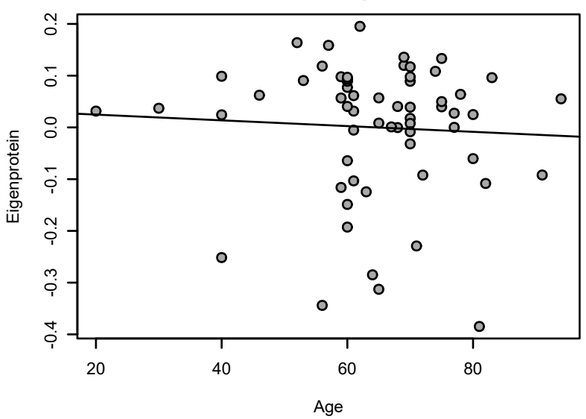

M24 darkgrey
T-test p = 0.027
Eigenprotein Value
control
cte_2

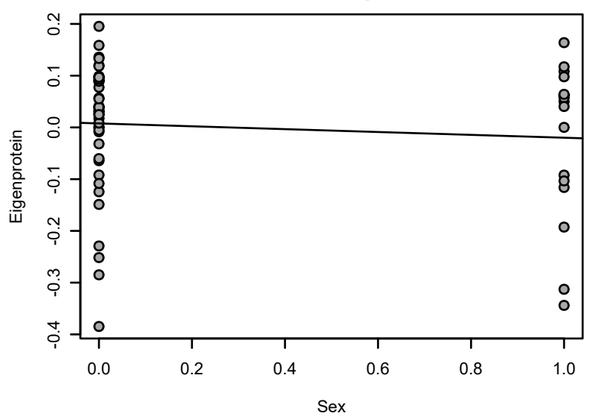

M24 darkgrey
T-test p = 0.13
Eigenprotein Value
control
cte_3

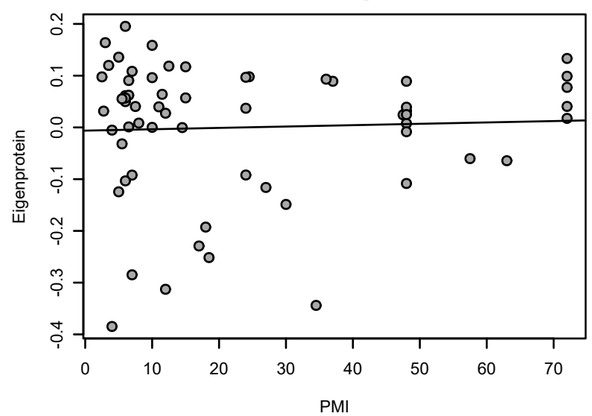

M24 darkgrey
T-test p = 0.0099
Eigenprotein Value
control
cte_4

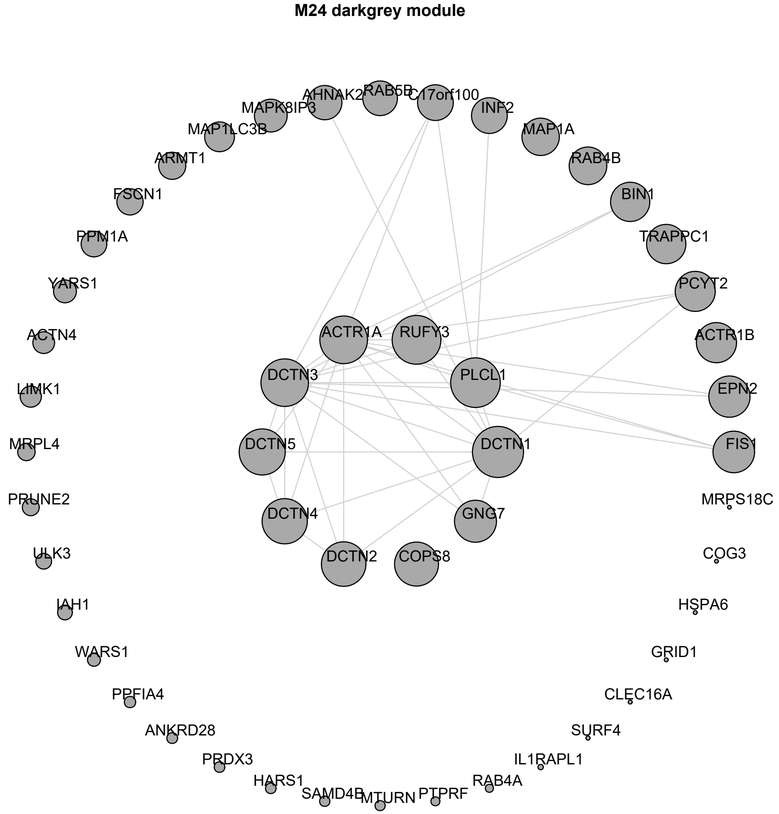

M24 darkgrey
T-test p = 1.9e-07
Eigenprotein Value
control
ftd

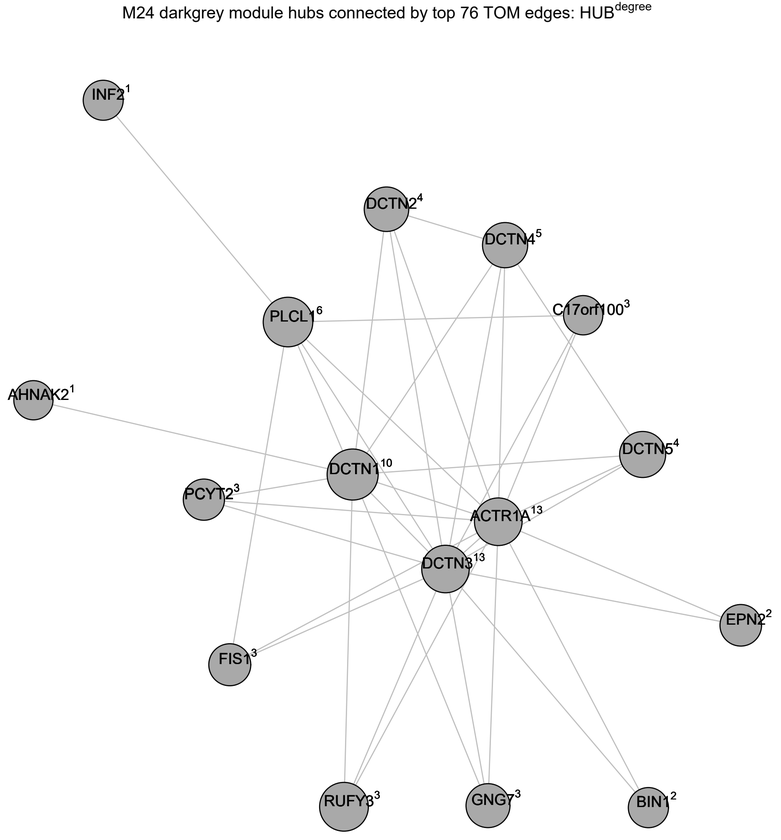

M24 darkgrey
T-test p = 0.17
Eigenprotein Value
control
psp

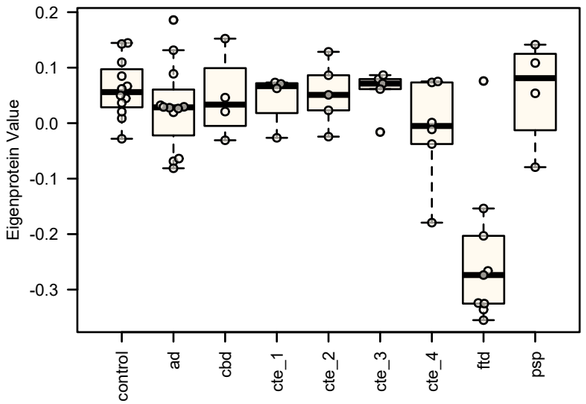

bicor=-0.099, p=0.45
cor=-0.057, p=0.66
Eigenprotein
Age

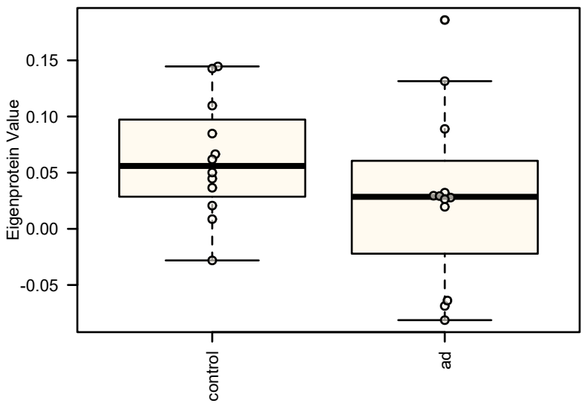

bicor=-0.056, p=0.67
cor=-0.097, p=0.46
Eigenprotein
Sex

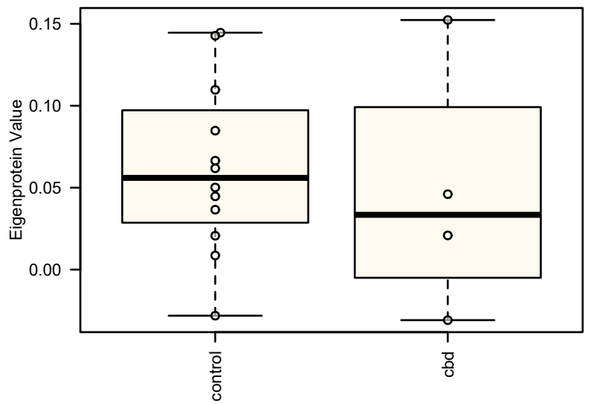

bicor=-0.24, p=0.066
cor=0.045, p=0.73
Eigenprotein
PMI

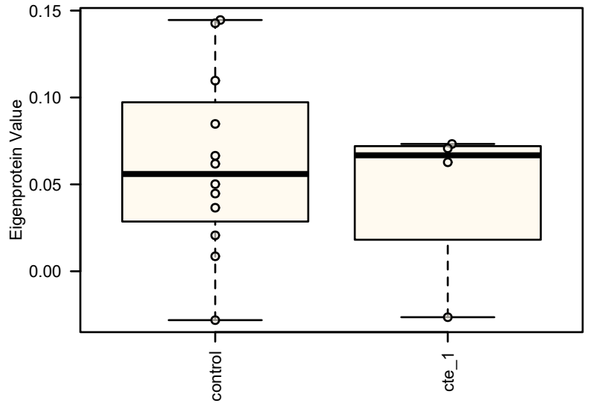

M24 darkgrey module
AHNAK2
RAB5B
C17orf100
INF2
MAPK8IP3
MAP1LC3B
MAP1A
ARMT1
RAB4B
FSCN1
BIN1
PPM1A
TRAPPC1
YARS1
PCYT2
ACTN4
ACTR1A
RUFY3
ACTR1B
LIMK1
DCTN3
PLCL1
EPN2
MRPL4
DCTN5
DCTN1
FIS1
PRUNE2
DCTN4
GNG7
MRPS18C
ULK3
DCTN2
COPS8
COG3
IAH1
HSPA6
WARS1
GRID1
PDFIA4
CLEC16A
ANKRD28
SURF4
PRDX3
IL1RAPL1
HARS1
RAB4A
SAMD4B
MTURN
PTPRF

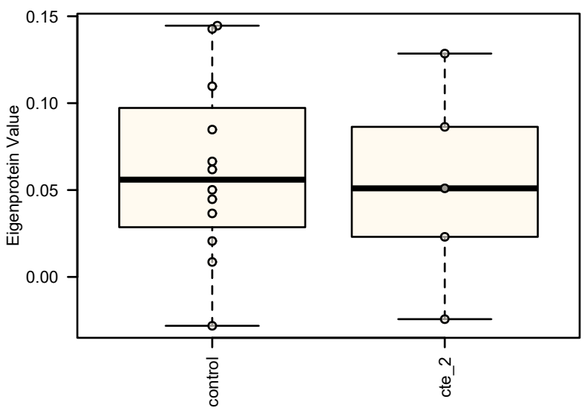

M24 darkgrey module hubs connected by top 76 TOM edges: HUB degree
INF2 1
DCTN2 4
DCTN4 5
PLCL1 6
C17orf100 3
AHNAK2 1
DCTN5 4
DCTN1 10
PCYT2 3
ACTR1A 13
DCTN3 13
EPN2 2
FIS1 3
RUFY3 3
GNG7 3
BIN1 2

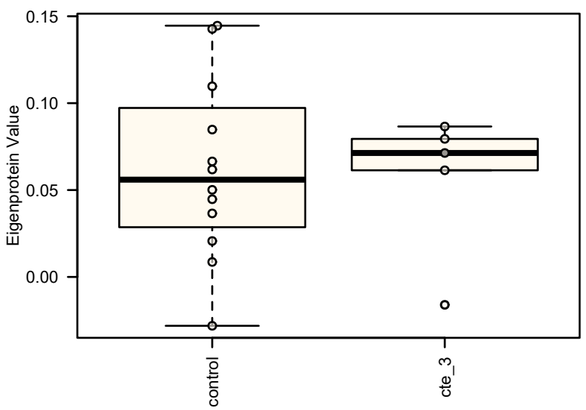

M44 floralwhite
1-way AOV p = 3.8e-09
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

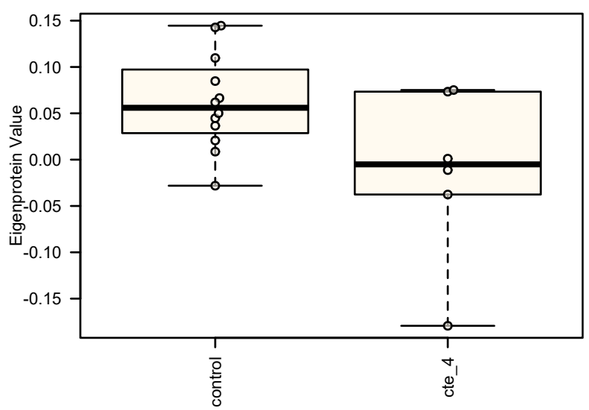

M44 floralwhite
T-test p = 0.25
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
control
ad

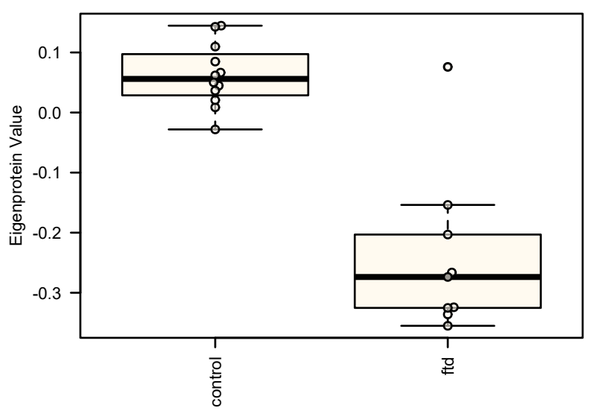

M44 floralwhite
T-test p = 0.67
Eigenprotein Value
0.15
0.10
0.05
0.00
control
cbd

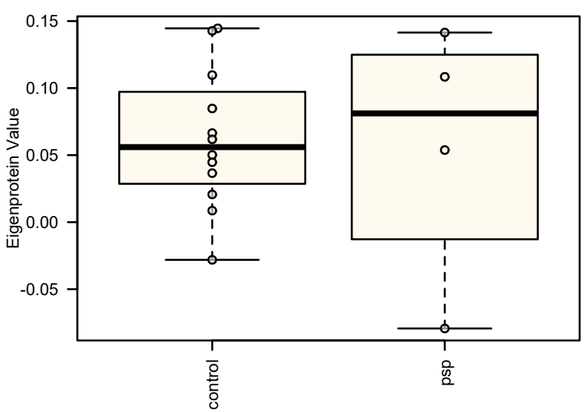

M44 floralwhite
T-test p = 0.58
Eigenprotein Value
0.15
0.10
0.05
0.00
control
cte_1

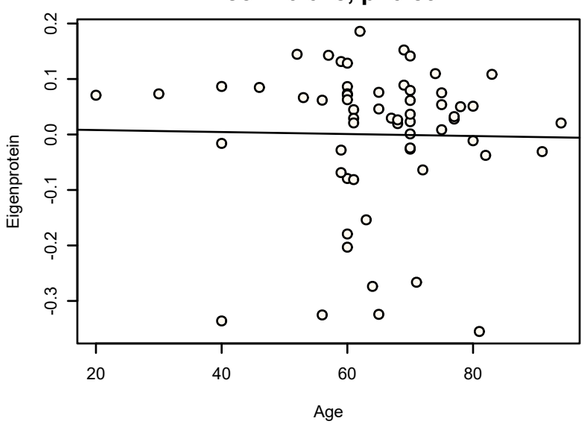

M44 floralwhite
T-test p = 0.76
Eigenprotein Value
0.15
0.10
0.05
0.00
control
cte_2

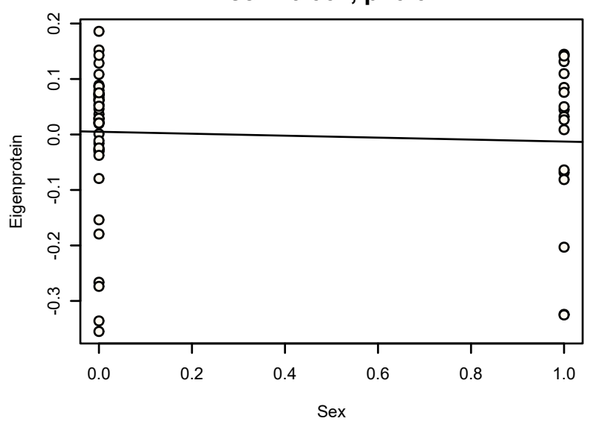

M44 floralwhite
T-test p = 0.84
Eigenprotein Value
0.15
0.10
0.05
0.00
control
cte_3

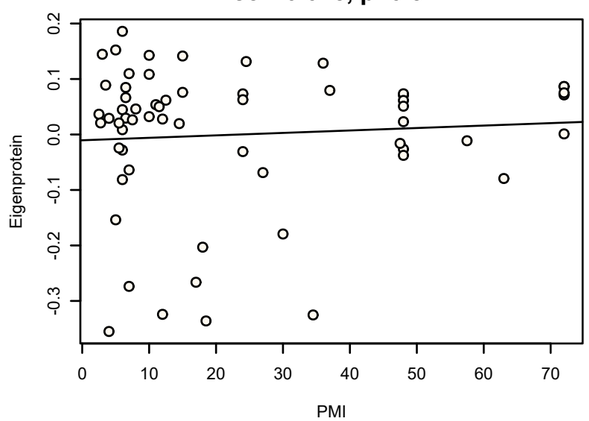

M44 floralwhite
T-test p = 0.042
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

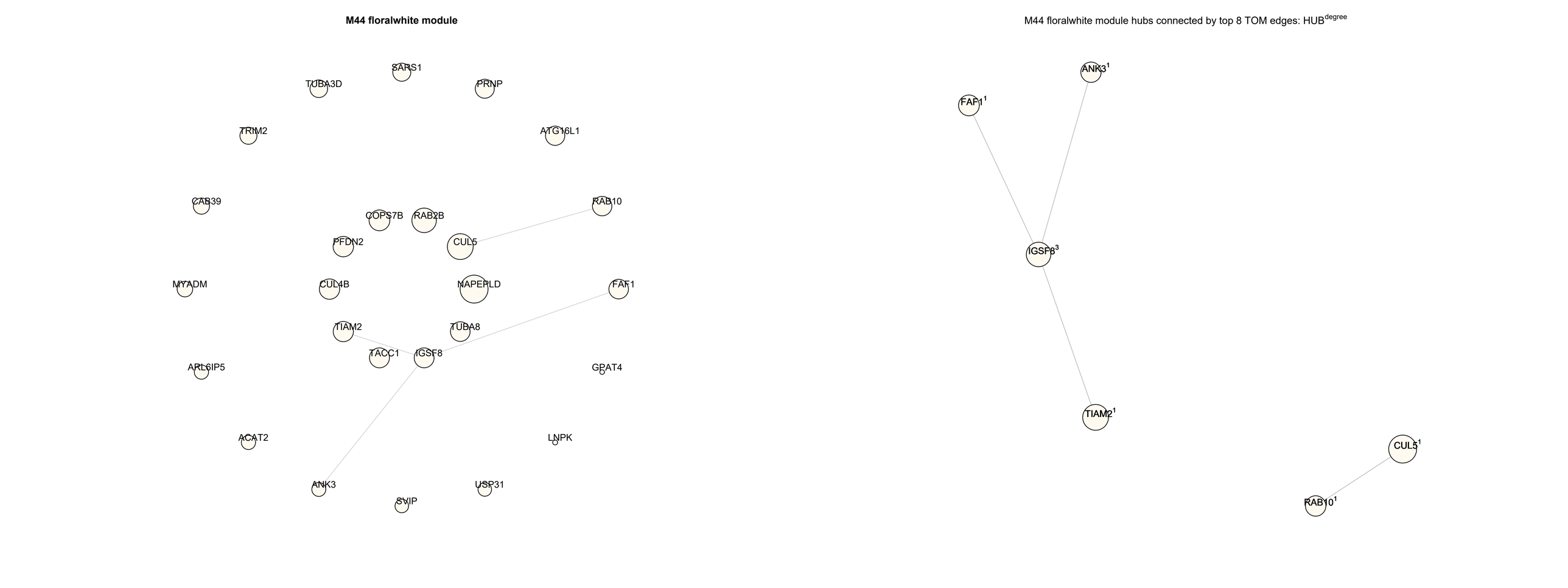

M44 floralwhite
T-test p = 9.5e-07
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

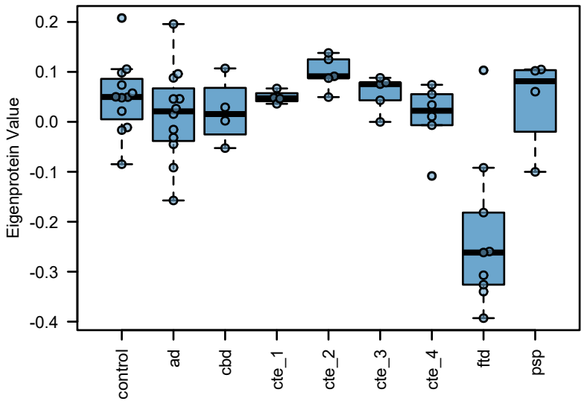

M44 floralwhite
T-test p = 0.88
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
control
psp

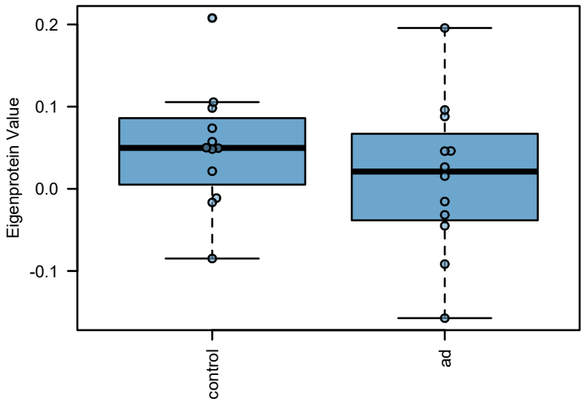

bicor=-0.059, p=0.65
cor=-0.018, p=0.89
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

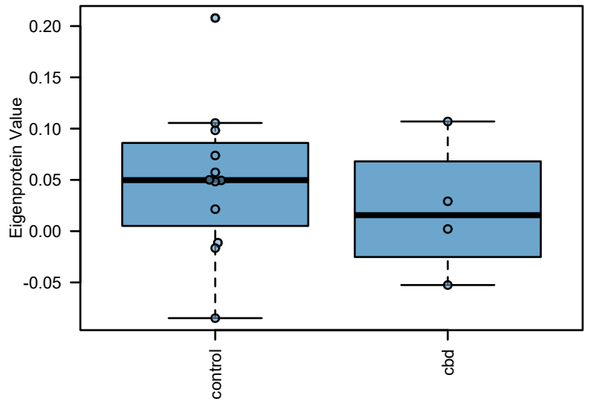

bicor=-0.024, p=0.85
cor=-0.062, p=0.64
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

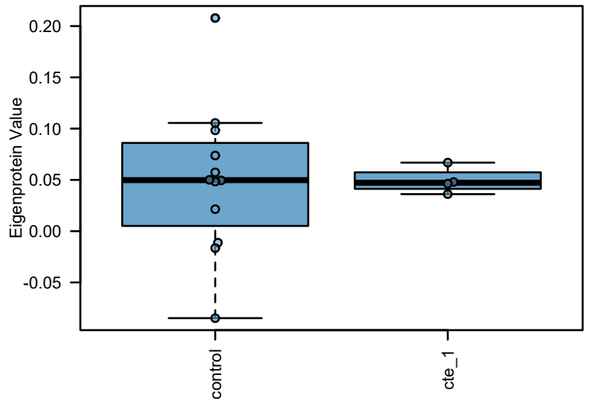

bicor=-0.11, p=0.39
cor=0.075, p=0.57
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

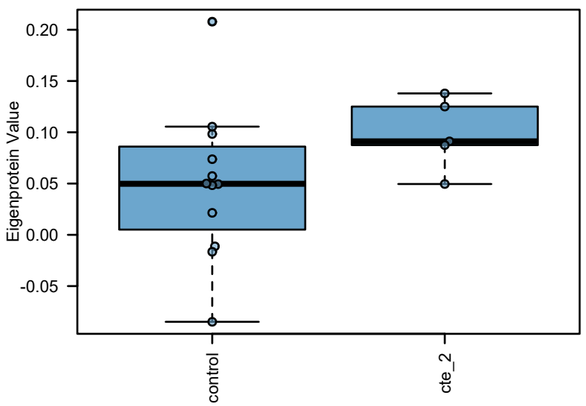

M44 floralwhite module
SARS1
TUBA3D
PRNP
TRIM2
ATG16L1
CAB39
RAB10
COPS7B
RAB2B
PFDN2
CUL5
MYADM
CUL4B
NAPERLD
FAF1
TIAM2
TUBA8
TACC1
IGSF8
ARL6IP5
GPAT4
ACAT2
LNPK
ANK3
USP31
SVIP
M44 floralwhite module hubs connected by top 8 TOM edges: HUB degree
ANK3 1
FAF1 1
IGSF8 3
TIAM2 1
CUL5 1
RAB10 1

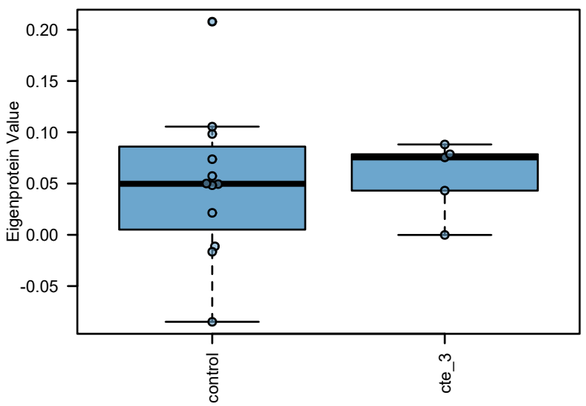

M37 skyblue3
1-way AOV p = 8.5e-08
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

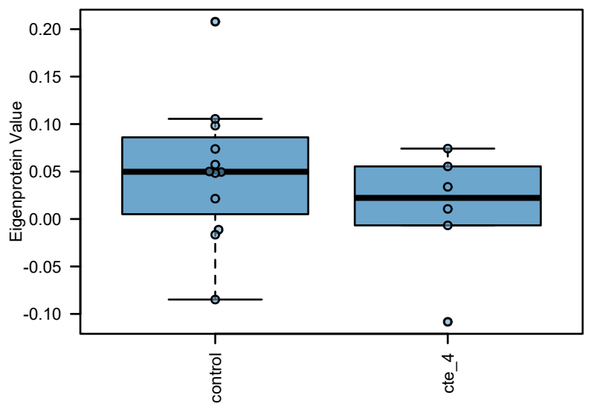

M37 skyblue3
T-test p = 0.31
Eigenprotein Value
control
ad

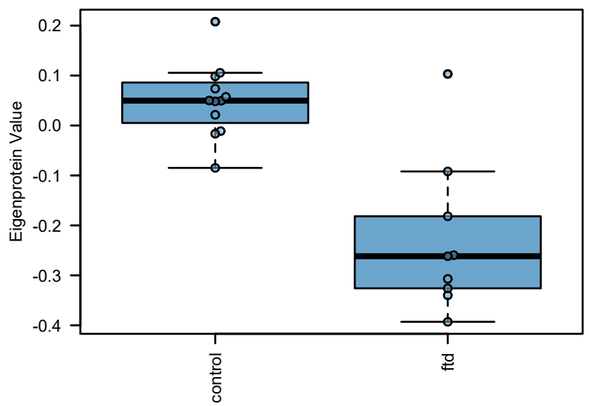

M37 skyblue3
T-test p = 0.5
Eigenprotein Value
control
cbd

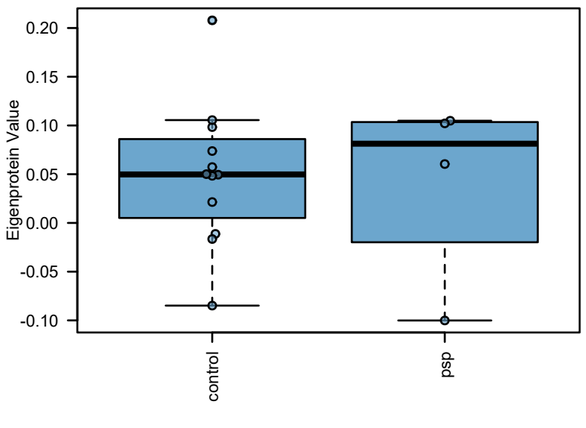

M37 skyblue3
T-test p = 0.99
Eigenprotein Value
control
cte_1

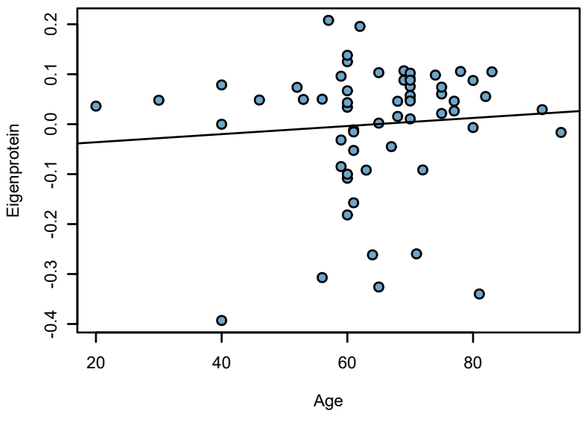

M37 skyblue3
T-test p = 0.18
Eigenprotein Value
control
cte_2

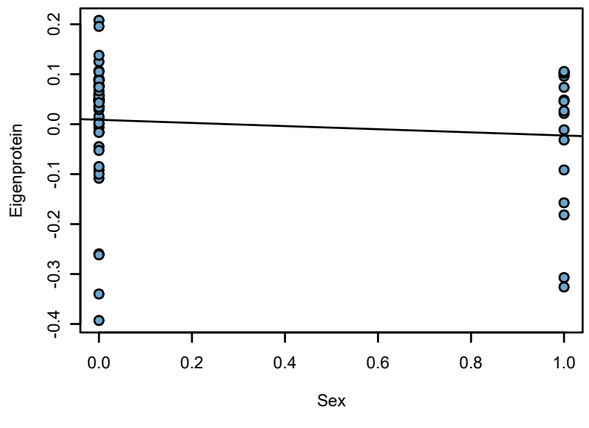

M37 skyblue3
T-test p = 0.84
Eigenprotein Value
control
cte_3

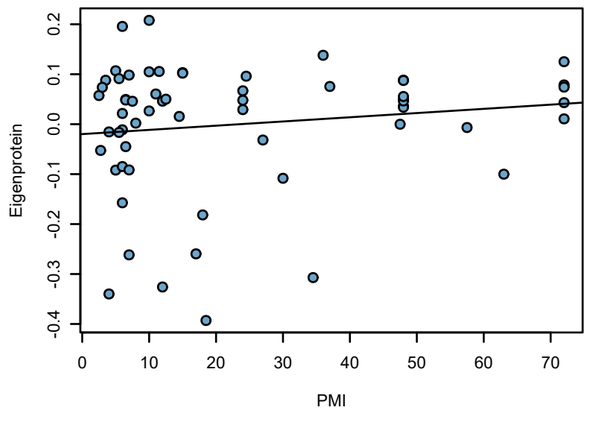

M37 skyblue3
T-test p = 0.27
Eigenprotein Value
control
cte_4

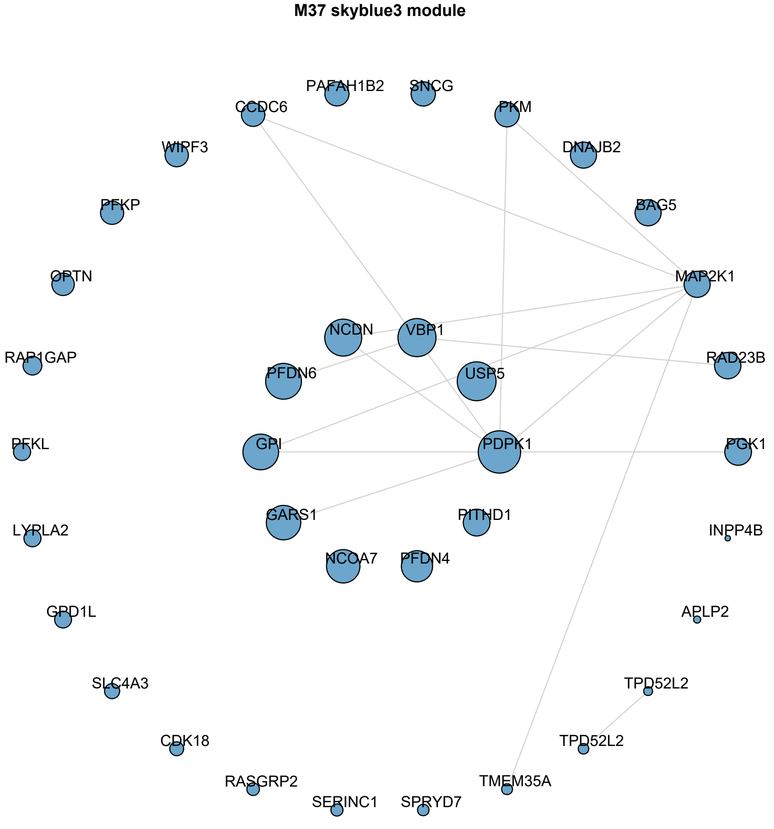

M37 skyblue3
T-test p = 2.4e-05
Eigenprotein Value
control
ftd

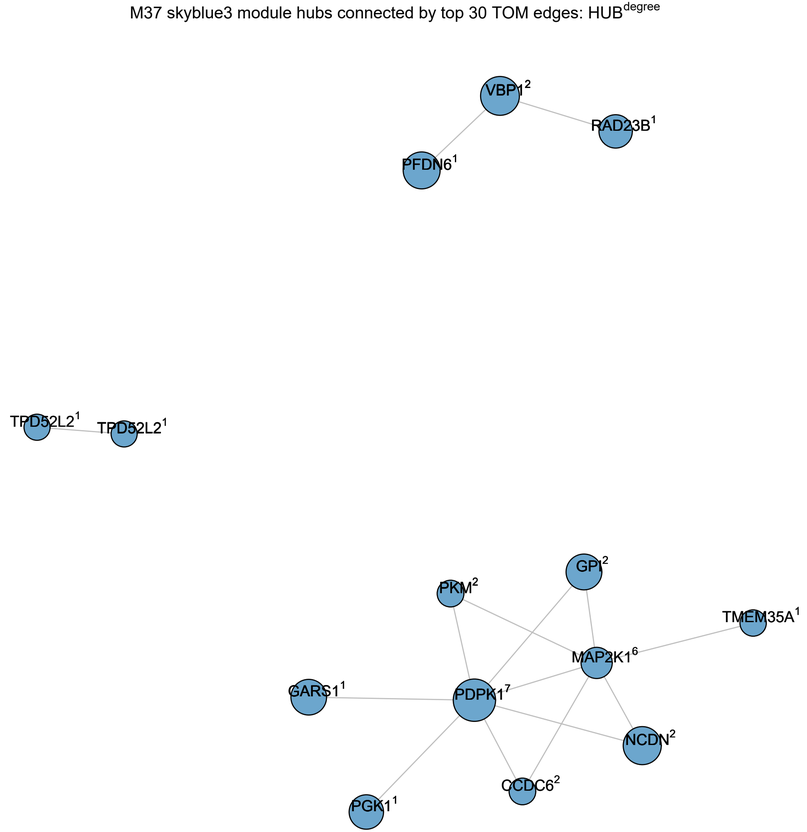

M37 skyblue3
T-test p = 0.86
Eigenprotein Value
control
psp

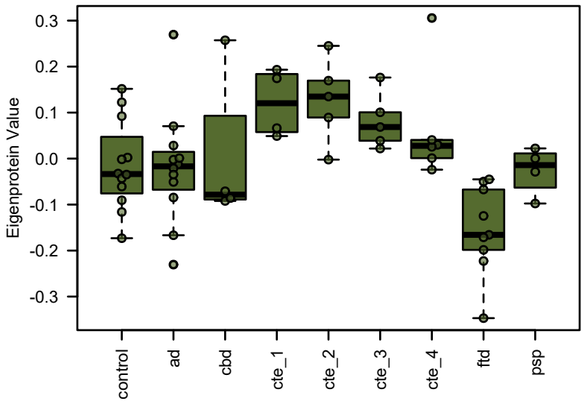

bicor=0.089, p=0.5
cor=0.083, p=0.52
Eigenprotein
Age

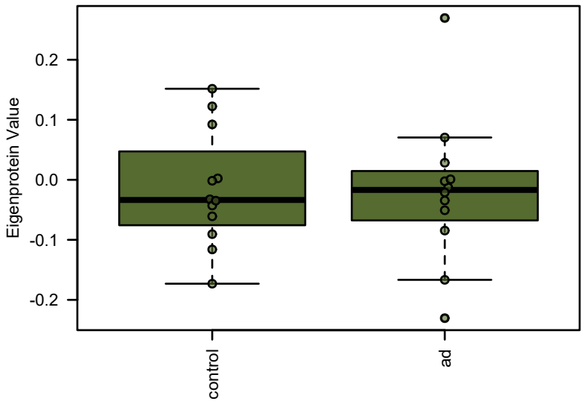

bicor=-0.083, p=0.52
cor=-0.11, p=0.4
Eigenprotein
Sex

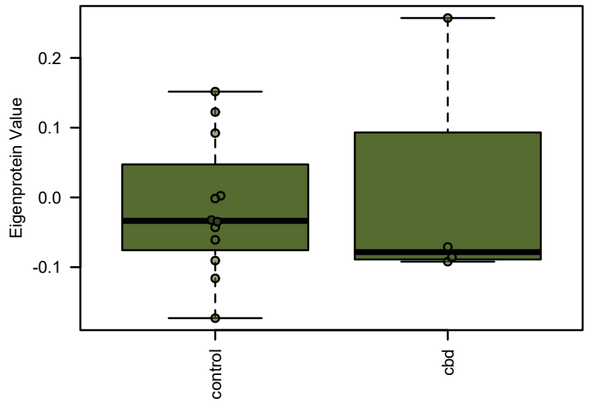

bicor=0.018, p=0.89
cor=0.14, p=0.28
Eigenprotein
PMI

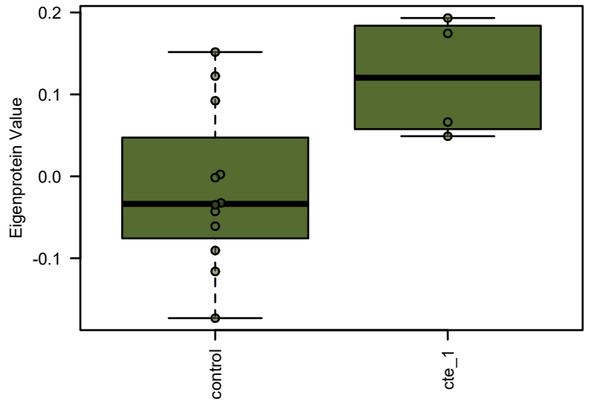

M37 skyblue3 module
PAFAH1B2
SNCG
CCDC6
PKM
WIPF3
DNAJB2
PFKP
BAG5
OPTN
MAP2K1
NCDN
VBP1
RAB1GAP
RAD23B
PFDN6
USP5
PFKL
GPI
PDPK1
PGK1
GARS1
PITHD1
LYRLA2
INPP4B
NCOA7
PFDN4
GPD1L
APLP2
SLC4A3
TPD52L2
CDK18
TPD52L2
RASGRP2
TMEM35A
SERINC1
SPRYD7

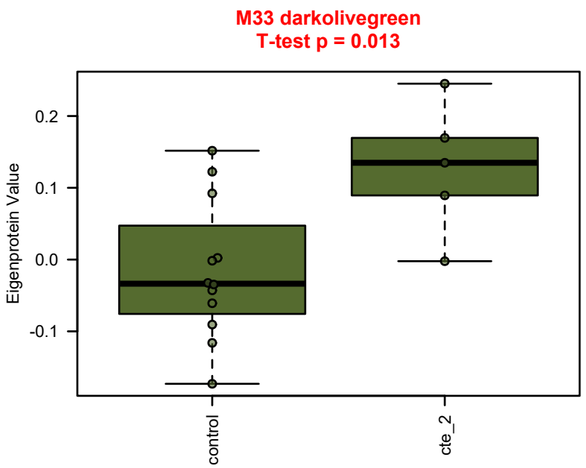

M37 skyblue3 module hubs connected by top 30 TOM edges: HUB degree
VBP1 2
RAD23B 1
PFDN6 1
TPD52L2 1
TPD52L2 1
GPI 2
PKM 2
TMEM35A 1
MAP2K1 6
GARS1 1
PDPK1 7
NCDN 2
CCDC6 2
PGK1 1

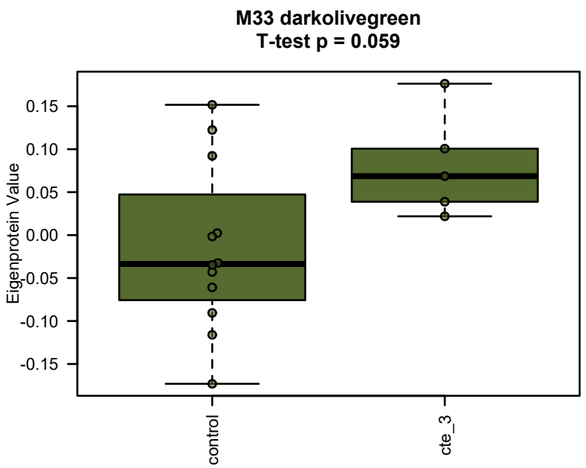

M33 darkolivegreen
1-way AOV p = 0.00021
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

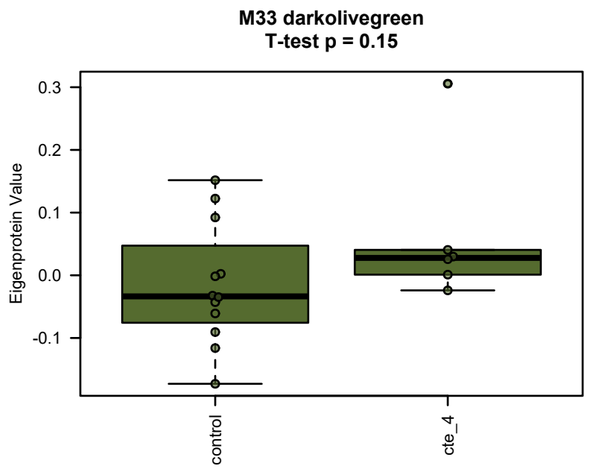

M33 darkolivegreen
T-test p = 0.93
Eigenprotein Value
control
ad

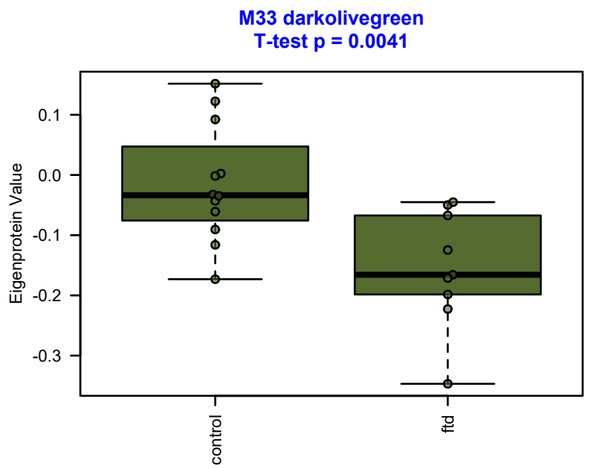

M33 darkolivegreen
T-test p = 0.8
Eigenprotein Value
control
cbd

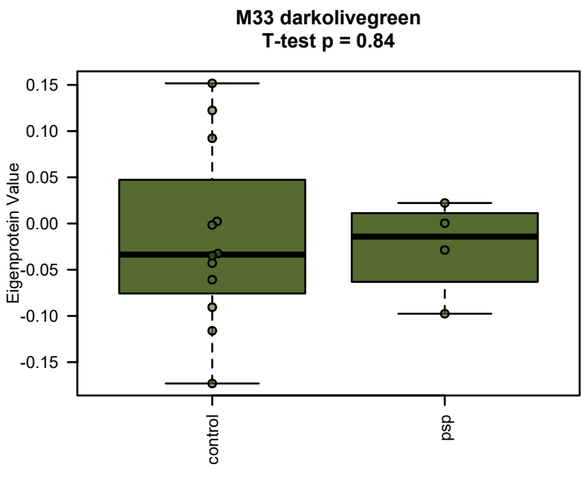

M33 darkolivegreen
T-test p = 0.023
Eigenprotein Value
control
cte_1

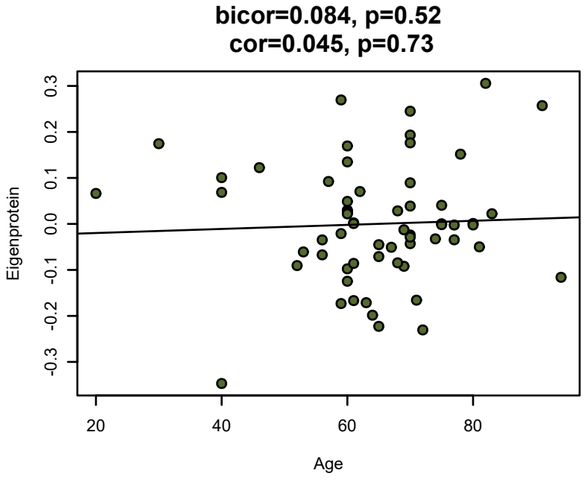

M33 darkolivegreen
T-test p = 0.013
Eigenprotein Value
control
cte_2

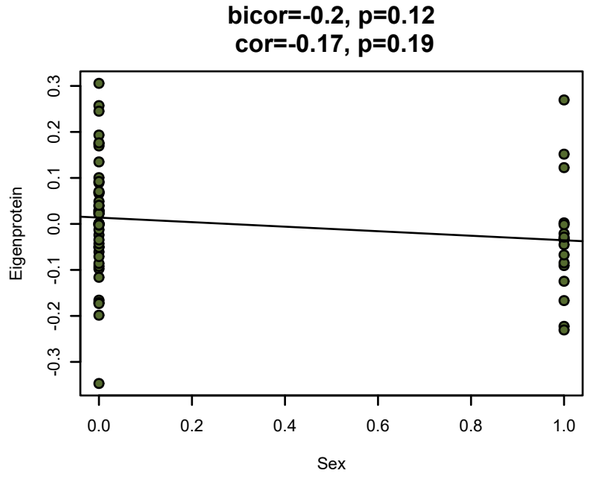

M33 darkolivegreen
T-test p = 0.059
Eigenprotein Value
control
cte_3

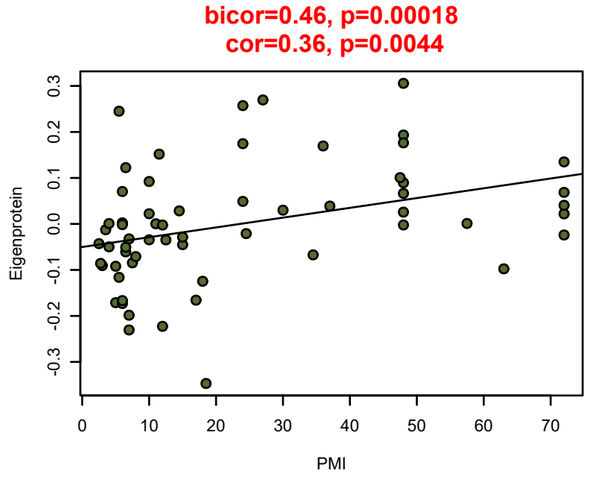

M33 darkolivegreen
T-test p = 0.15
Eigenprotein Value
control
cte_4

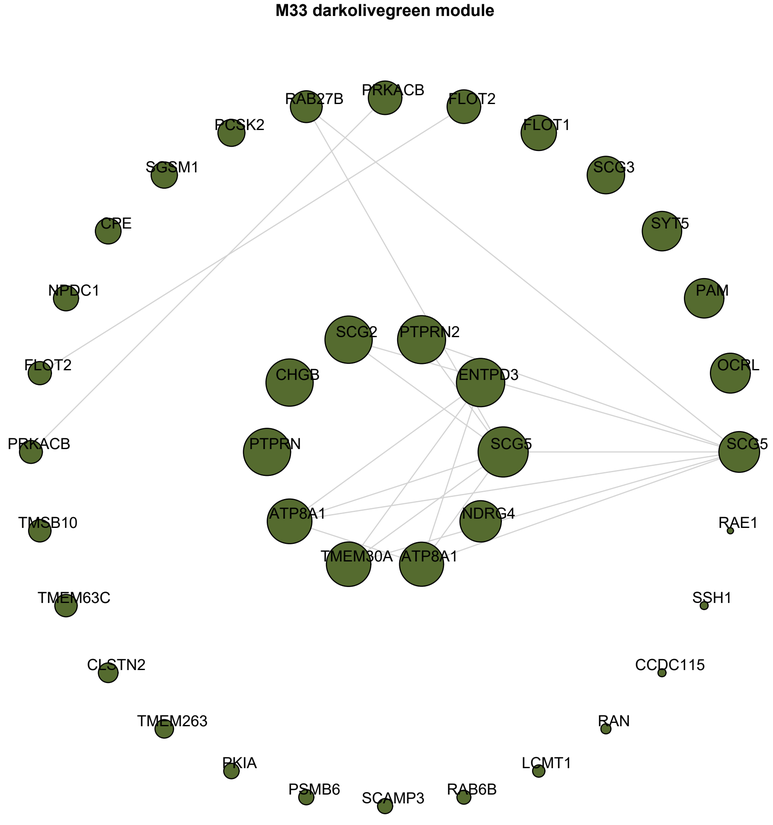

M33 darkolivegreen
T-test p = 0.0041
Eigenprotein Value
control
ftd

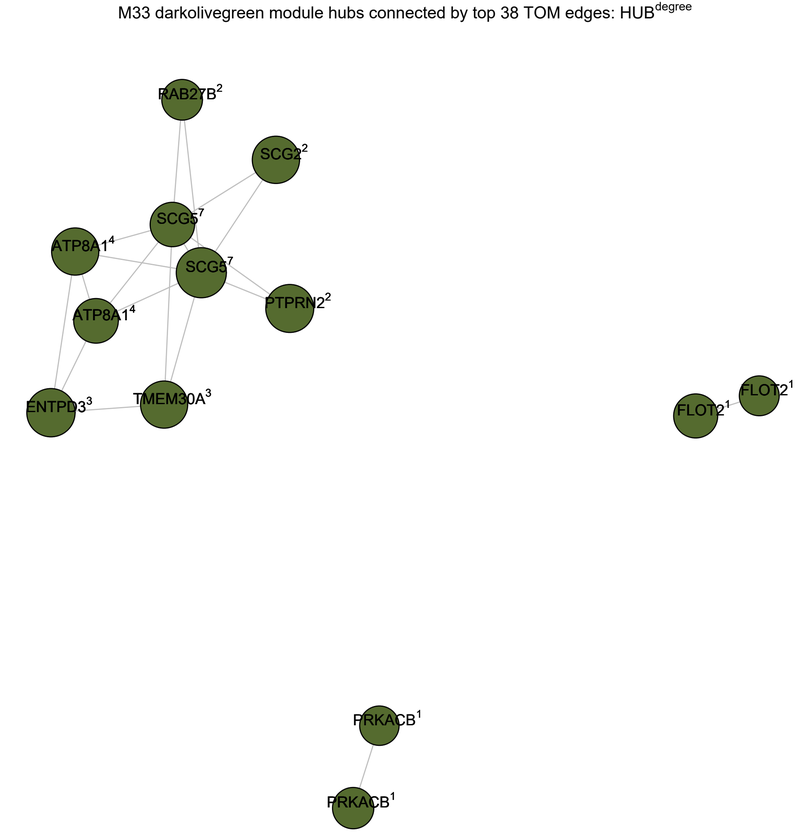

M33 darkolivegreen
T-test p = 0.84
Eigenprotein Value
control
psp

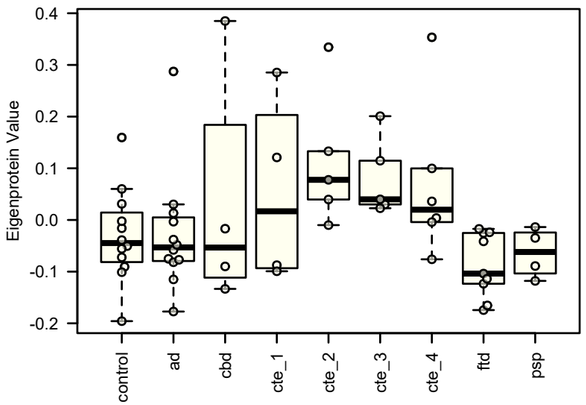

bicor=0.084, p=0.52
cor=0.045, p=0.73
Eigenprotein
Age

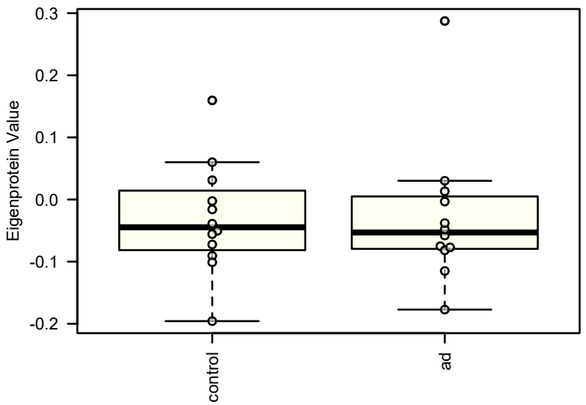

bicor=-0.2, p=0.12
cor=-0.17, p=0.19
Eigenprotein
Sex

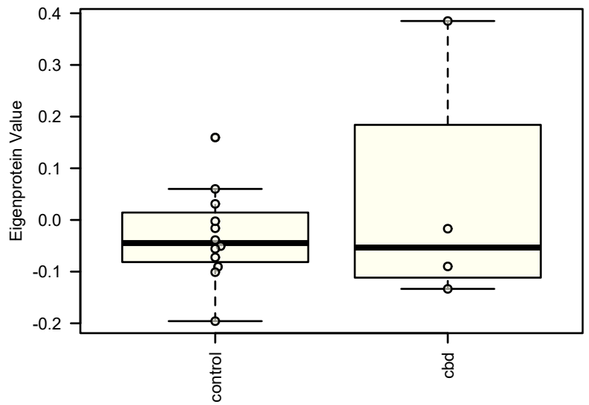

bicor=0.46, p=0.00018
cor=0.36, p=0.0044
Eigenprotein
PMI

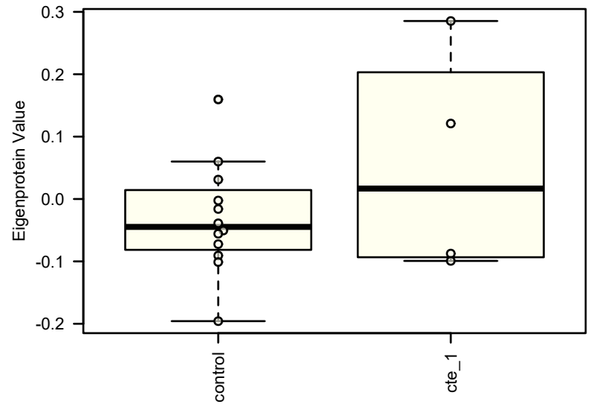

M33 darkolivegreen module
RAB27B
PRKACB
FLOT2
PCSK2
FLOT1
SGSM1
SCG3
CRE
SYT5
NPDC1
PAM
SCG2
PTPRN2
FLOT2
CHGB
ENTPD3
OCRL
PRKACB
PTPRN
SCG5
SCG5
TMSB10
ATP8A1
NDRG4
RAE1
TMEM30A
ATP8A1
TMEM63C
SSH1
CLSTN2
CCDC115
TMEM263
RAN
PKIA
LCMT1
PSMB6
SCAMP3
RAB6B

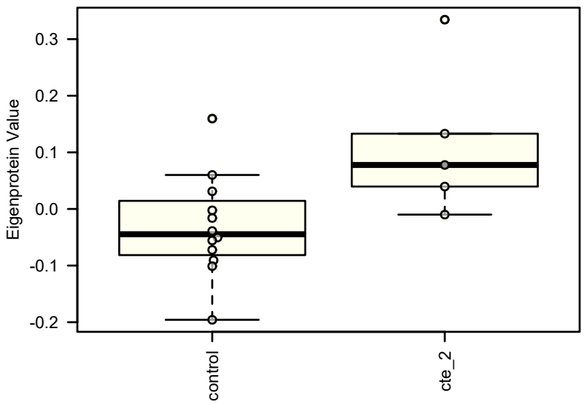

M33 darkolivegreen module hubs connected by top 38 TOM edges: HUB^degree
RAB27B2
SCG22
SCG57
ATP8A14
SCG57
PTPRN22
ATP8A14
ENTPD33
TMEM30A3
FLOT21
FLOT21
PRKACB1
PRKACB1

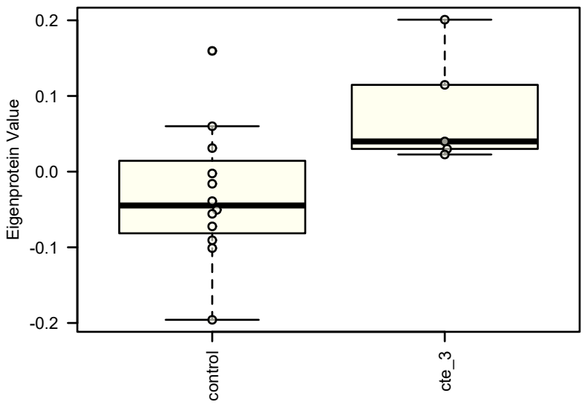

M43 ivory
1-way AOV p = 0.043
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

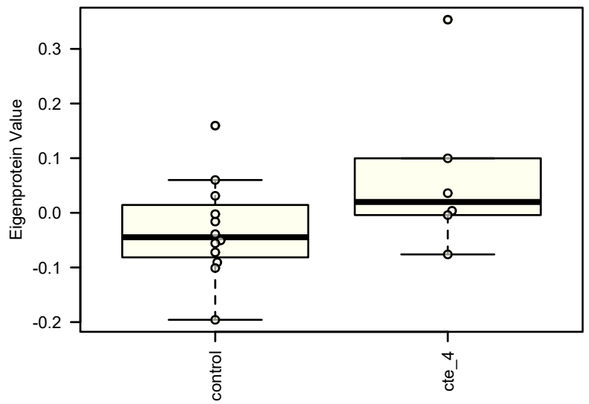

M43 ivory
T-test p = 0.95
Eigenprotein Value
control
ad

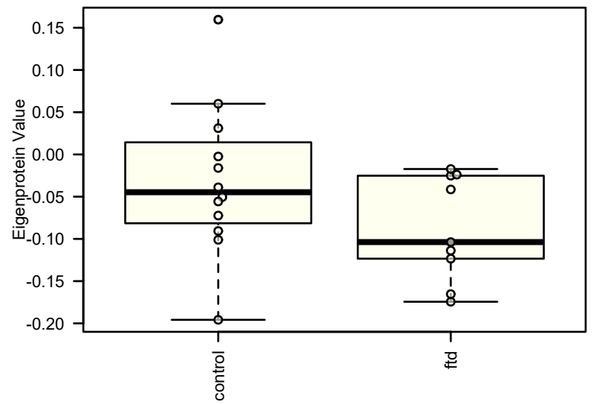

M43 ivory
T-test p = 0.4
Eigenprotein Value
control
cbd

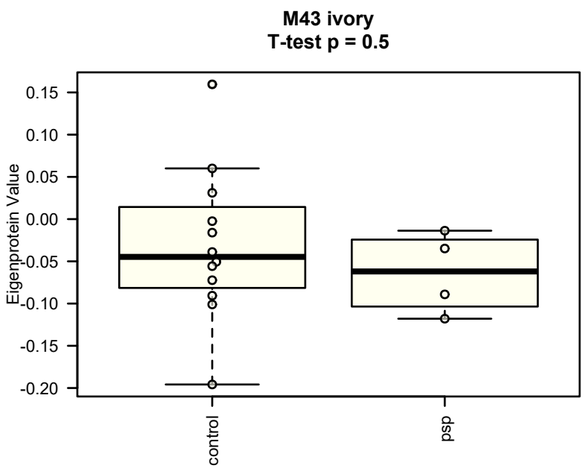

M43 ivory
T-test p = 0.22
Eigenprotein Value
control
cte_1

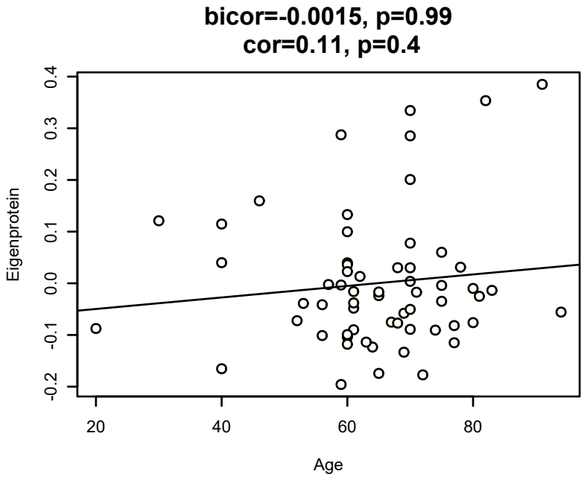

M43 ivory
T-test p = 0.018
Eigenprotein Value
control
cte_2

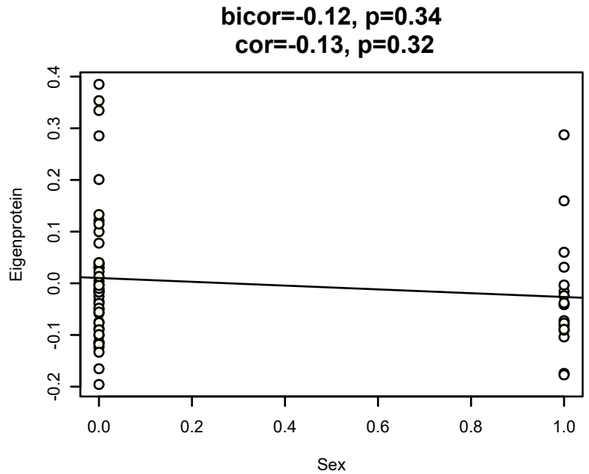

M43 ivory
T-test p = 0.026
Eigenprotein Value
control
cte_3

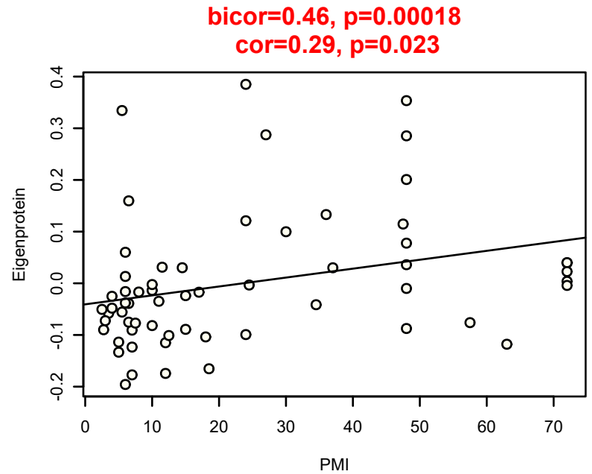

M43 ivory
T-test p = 0.094
Eigenprotein Value
control
cte_4

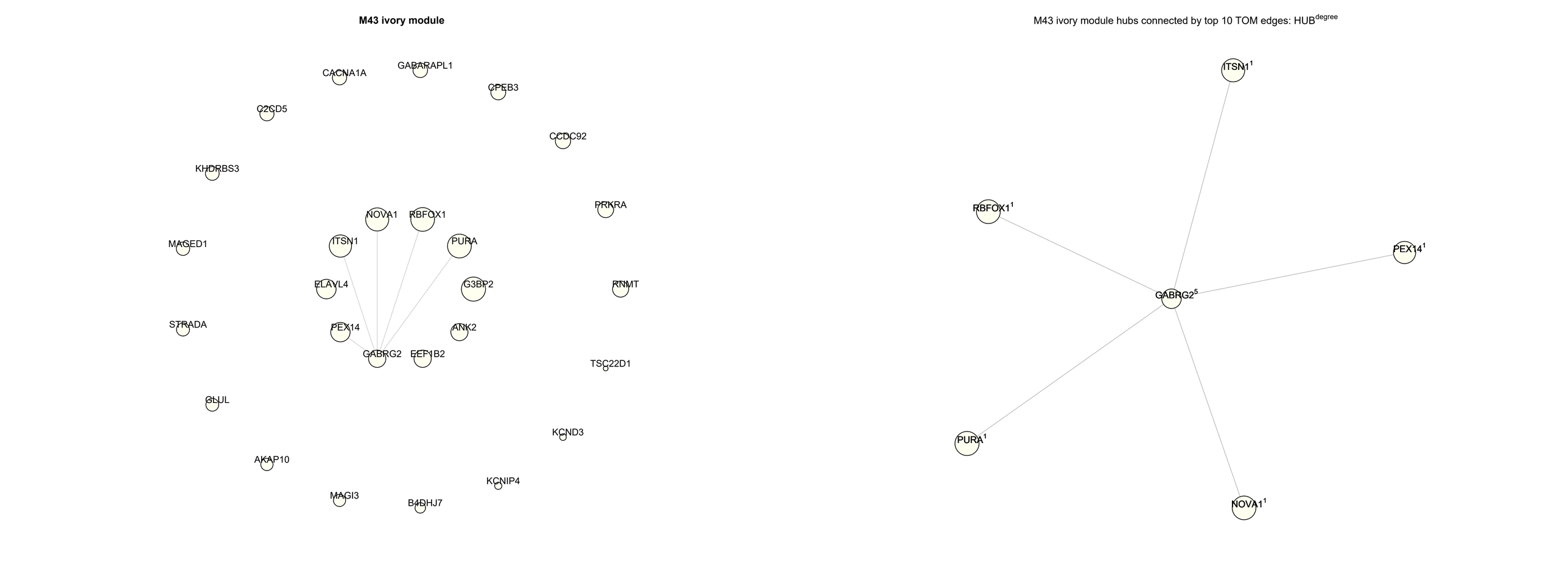

M43 ivory
T-test p = 0.12
Eigenprotein Value
control
ftd

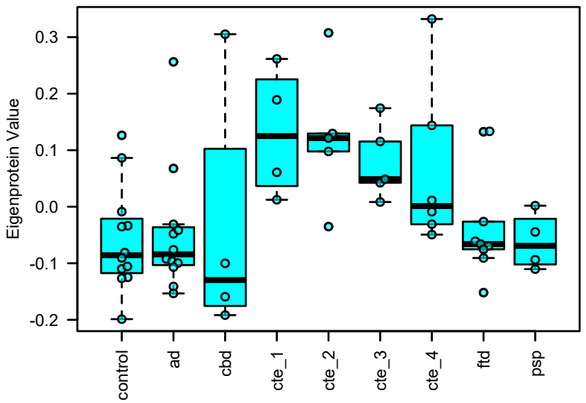

M43 ivory
T-test p = 0.5
Eigenprotein Value
control
psp

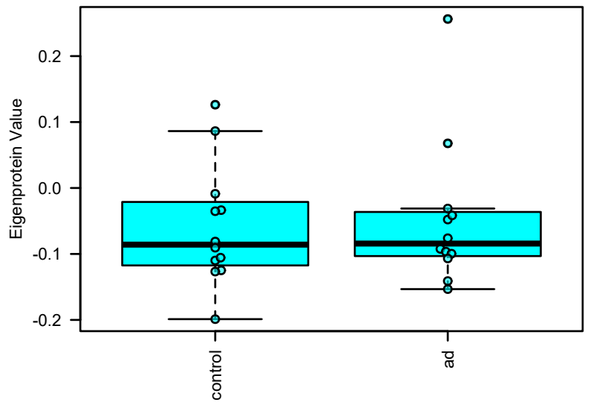

bicor=-0.0015, p=0.99
cor=0.11, p=0.4
Eigenprotein
Age

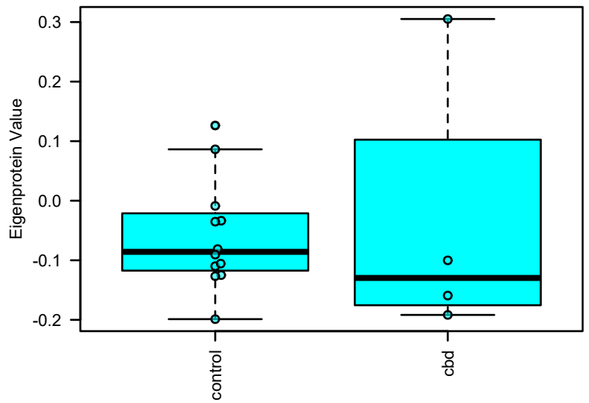

bicor=-0.12, p=0.34
cor=-0.13, p=0.32
Eigenprotein
Sex

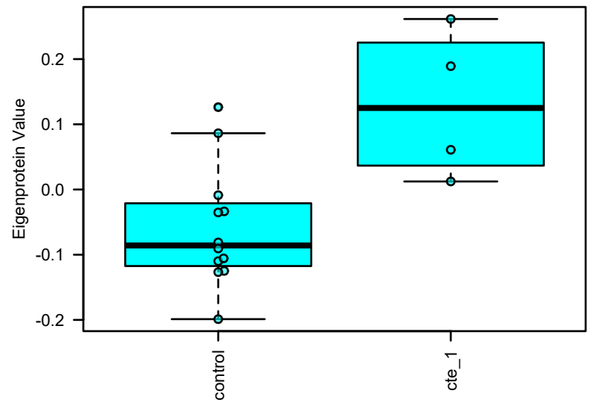

bicor=0.46, p=0.00018
cor=0.29, p=0.023
Eigenprotein
PMI

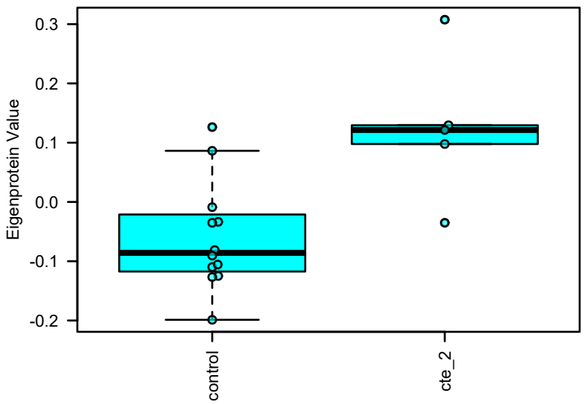

M43 ivory module
CACNA1A
GABARAPL1
CPEB3
C2CD5
CCDC92
KHDRBS3
PRKRA
NOVA1
RBFOX1
MAGED1
ITSN1
PURA
ZLAVL4
G3BP2
RNMT
STRADA
PEX14
ANK2
GABRG2
EEF1B2
TSC22D1
GLUL
KCND3
AKAP10
KCNIP4
MAGI3
B4DHJ7
M43 ivory module hubs connected by top 10 TOM edges: HUB degree
ITSN1 1
RBFOX1 1
PEX14 1
GABRG2 5
PURA 1
NOVA1 1

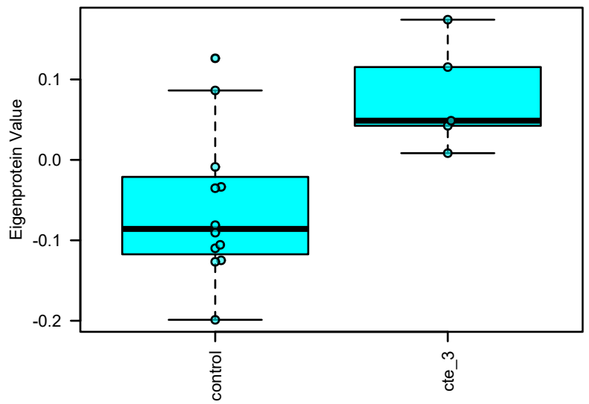

M14 cyan
1-way AOV p = 0.013
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

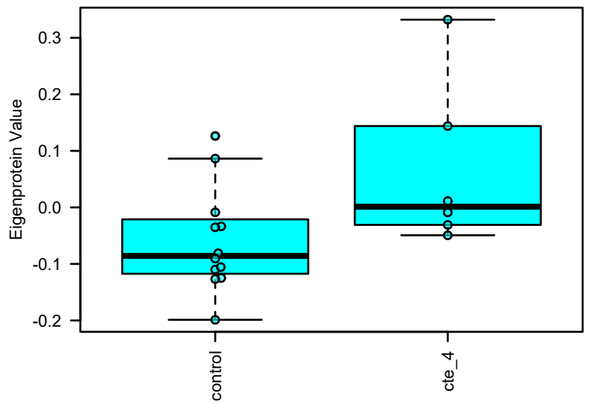

M14 cyan
T-test p = 0.78
Eigenprotein Value
control
ad

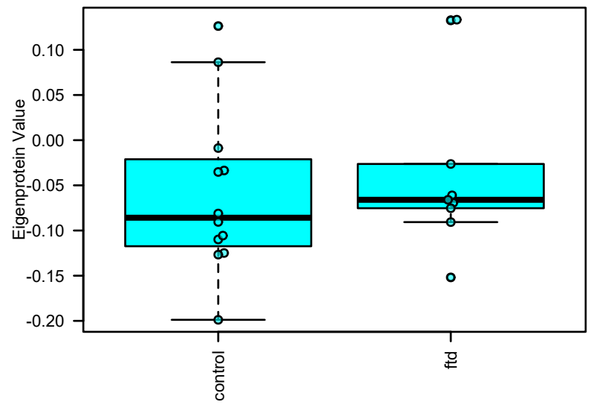

M14 cyan
T-test p = 0.78
Eigenprotein Value
control
cbd

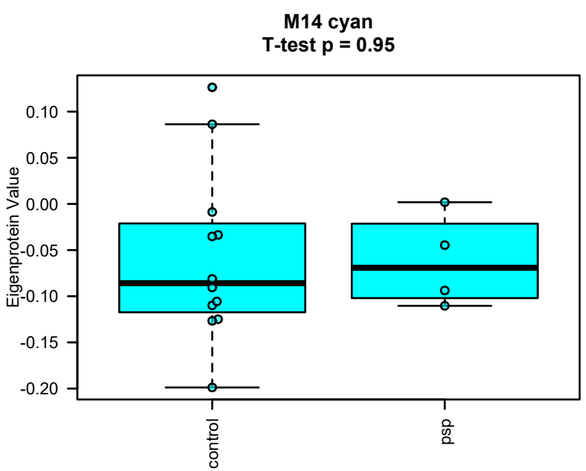

M14 cyan
T-test p = 0.0046
Eigenprotein Value
control
cte_1

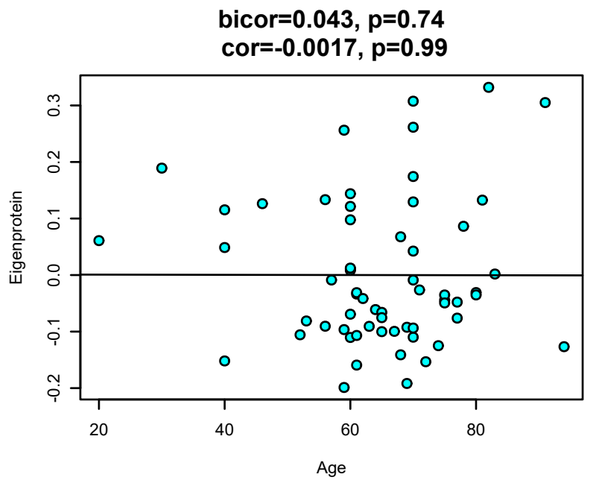

M14 cyan
T-test p = 0.004
Eigenprotein Value
control
cte_2

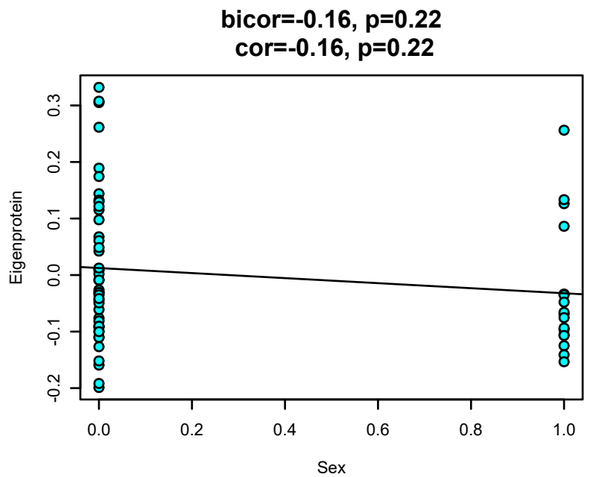

M14 cyan
T-test p = 0.0095
Eigenprotein Value
control
cte_3

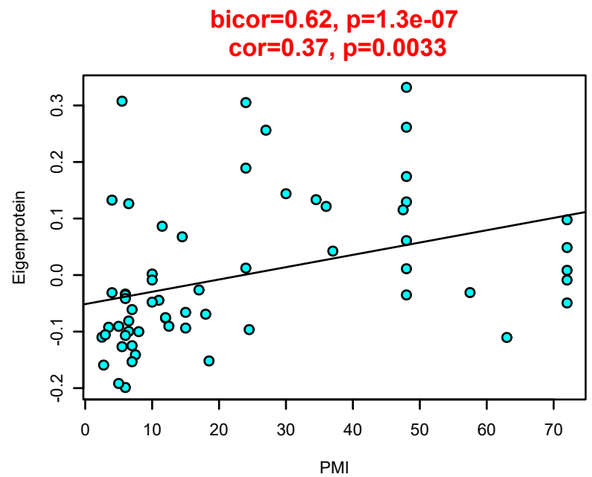

M14 cyan
T-test p = 0.041
Eigenprotein Value
control
cte_4

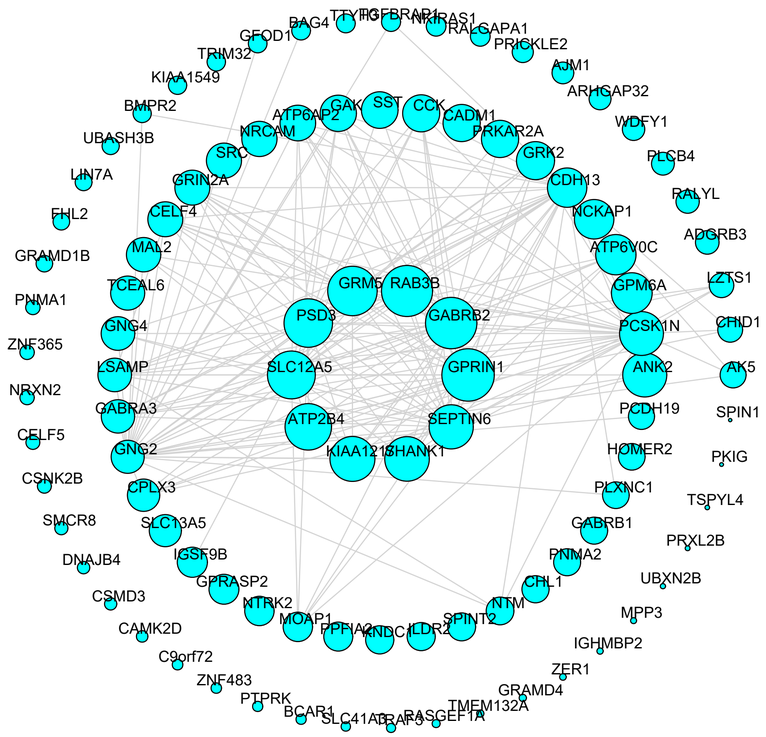

M14 cyan
T-test p = 0.51
Eigenprotein Value
control
ftd

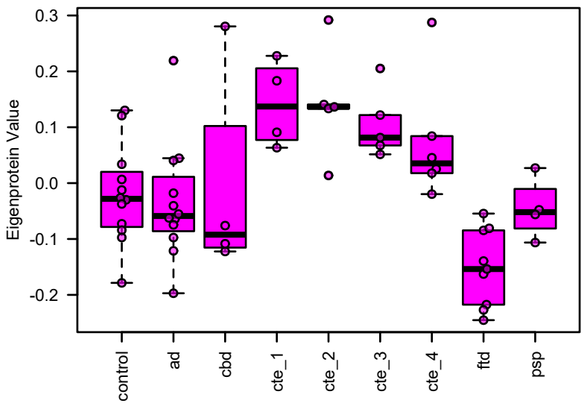

M14 cyan
T-test p = 0.95
Eigenprotein Value
control
psp

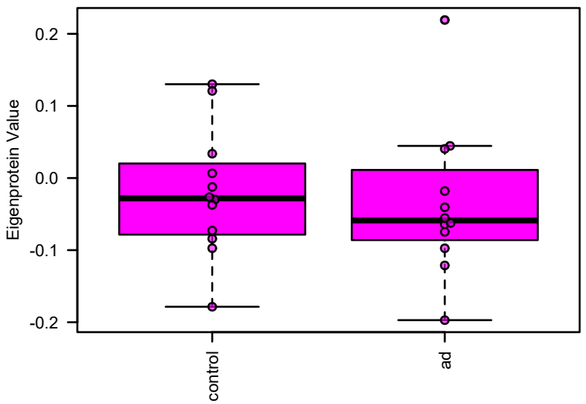

bicor=0.043, p=0.74
cor=-0.0017, p=0.99
Eigenprotein
Age

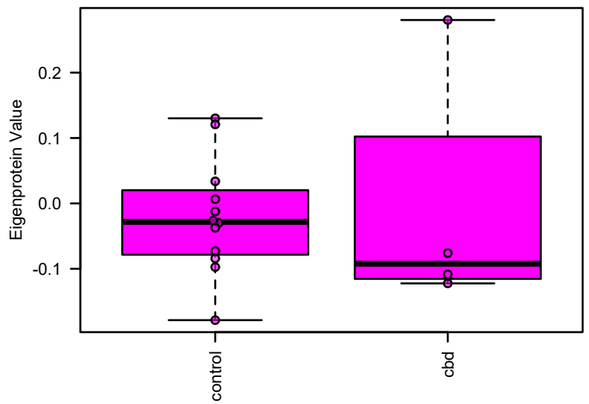

bicor=-0.16, p=0.22
cor=-0.16, p=0.22
Eigenprotein
Sex

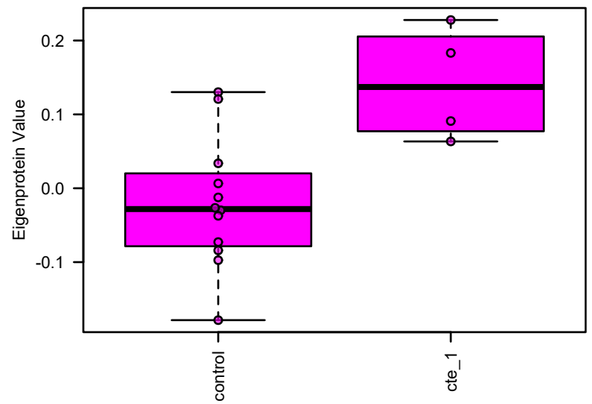

bicor=0.62, p=1.3e-07
cor=0.37, p=0.0033
Eigenprotein
PMI

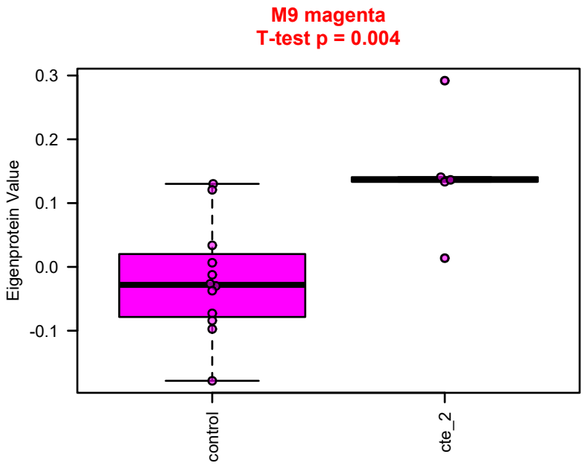

M14 cyan module
BAG4
TTYH3
TGFBRAP1
NKIRAS1
RALGAPA1
GFOD1
PRICKLE2
TRIM32
AJM1
KIAA1549
ARHGAP32
BMPR2
ATP6AP2
GAK
SST
CCK
CADM1
WDFY1
UBASH3B
NRCAM
PRKAR2A
PLCB4
SRC
GRK2
LIN7A
CDH13
GRIN2A
RALYL
FHL2
CELF4
NCKAP1
ADGRB3
GRAMD1B
MAL2
ATP6V0C
LZTS1
TCEAL6
GRM5
RAB3B
GPM6A
PNMA1
PSD3
GABRB2
CHID1
GNG4
PCSK1N
ZNF365
LSAMP
SLC12A5
GPRIN1
ANK2
AK5
NRXN2
GABRA3
ATP2B4
SEPTIN6
PCDH19
SPIN1
CELF5
KIAA1217
SHANK1
HOMER2
PKIG
GNG2
CSNK2B
CPLX3
PLXNC1
TSPYL4
SMCR8
SLC13A5
GABRB1
PRXL2B
DNAJB4
IGSF9B
PNMA2
GPRASP2
CHL1
UBXN2B
CSMD3
NTRK2
NTM
MOAP1
SPINT2
MPP3
CAMK2D
PPFIA2
KNDC1
LDLR2
IGHMBP2
C9orf72
ZER1
ZNF483
GRAMD4
PTPRK
TMEM132A
BCAR1
SLC41A3
ARAP3
RASGEF1A
M14 cyan module hubs connected by top 392 TOM edges: HUB^degree
BAG4^1
GFOD1^1
PCDH19^1
BMPR2^2
TGFBRAP1^2
PLXNC1^2
CHID1^3
AK5^3
NTM^4
GNG4^5
GNG2^33
GABRA3^8
LSAMP^11
ANK2^5
CDH13^28
CELF4^10
RAB3B^9
PCSK1N^29
GRM5^13
ATP6AP2^8
MAL2^4
CCK^8
SHANK1^8
SEPTIN6^26
ATP6V0C^8
GPRIN1^28
PSD3^22
GRK2^8
GAK^8
SLC12A5^30
GABRB2^26
KIAA1217^9
CPLX3^6
GRIN2A^9
LZTS1^4
MOAP1^6
ATP2B4^4
PRKAR2A^2
SST^2
IGSF9B^1

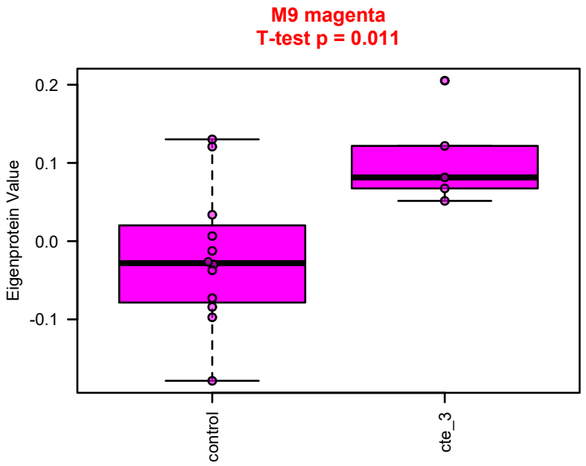

M9 magenta
1-way AOV p = 5.6e-06
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

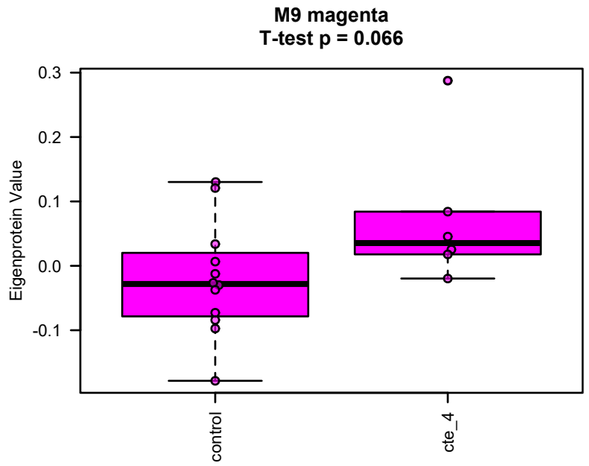

M9 magenta
T-test p = 0.71
Eigenprotein Value
control
ad

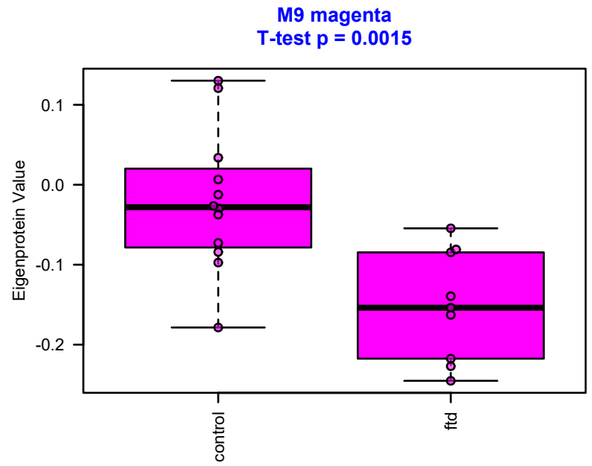

M9 magenta
T-test p = 0.84
Eigenprotein Value
control
cbd

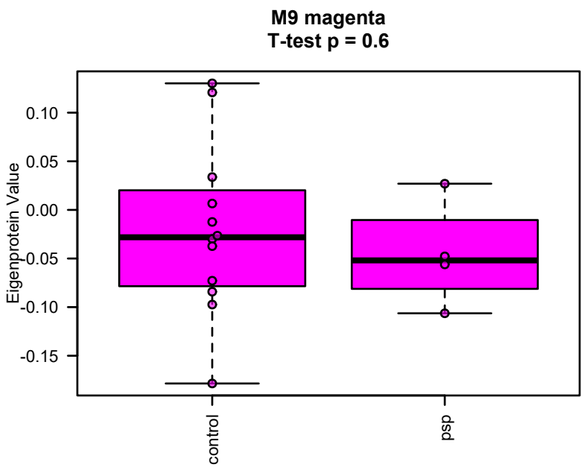

M9 magenta
T-test p = 0.0055
Eigenprotein Value
control
cte_1

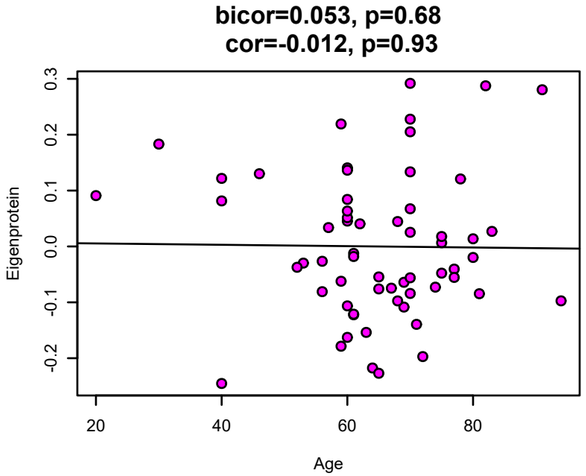

M9 magenta
T-test p = 0.004
Eigenprotein Value
control
cte_2

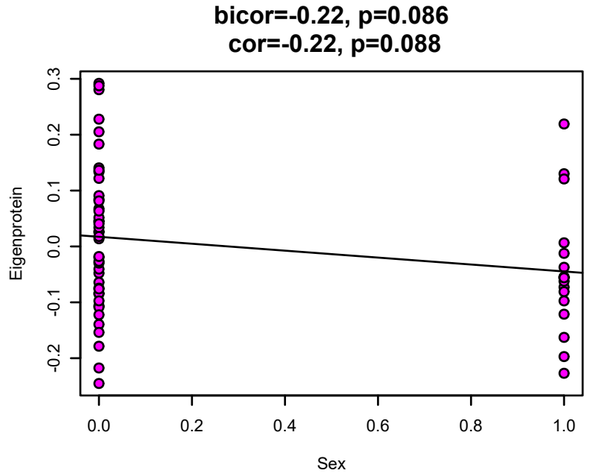

M9 magenta
T-test p = 0.011
Eigenprotein Value
control
cte_3

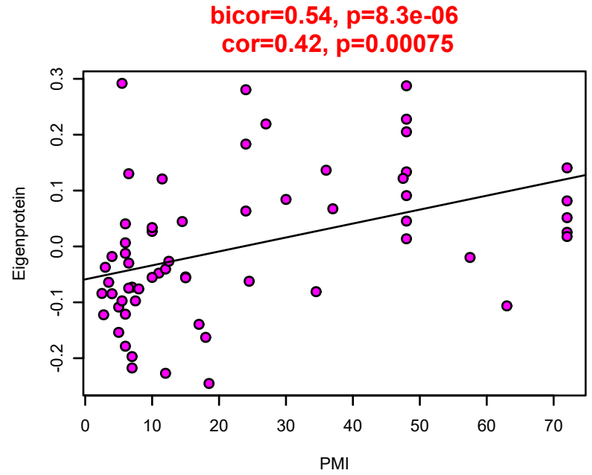

M9 magenta
T-test p = 0.066
Eigenprotein Value
control
cte_4


M9 magenta
T-test p = 0.0015
Eigenprotein Value
control
ftd

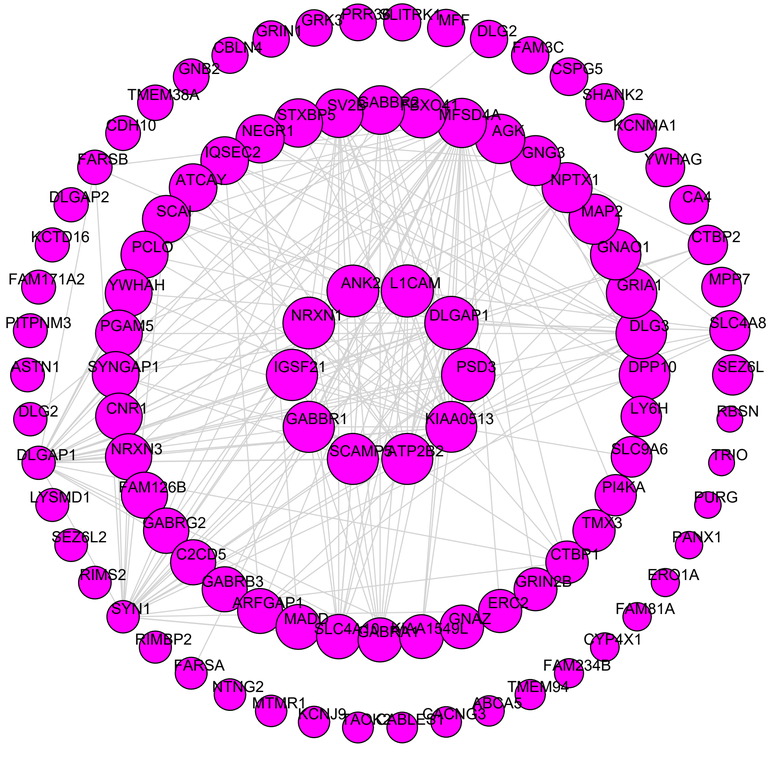

M9 magenta
T-test p = 0.6
Eigenprotein Value
control
psp


bicor=0.053, p=0.68
cor=-0.012, p=0.93
Eigenprotein
Age

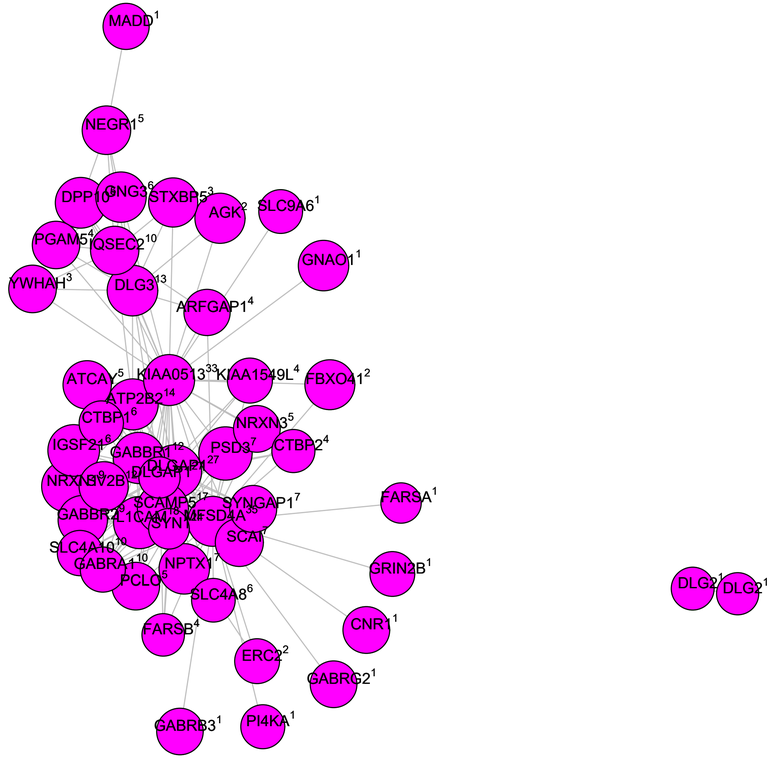

bicor=-0.22, p=0.086
cor=-0.22, p=0.088
Eigenprotein
Sex

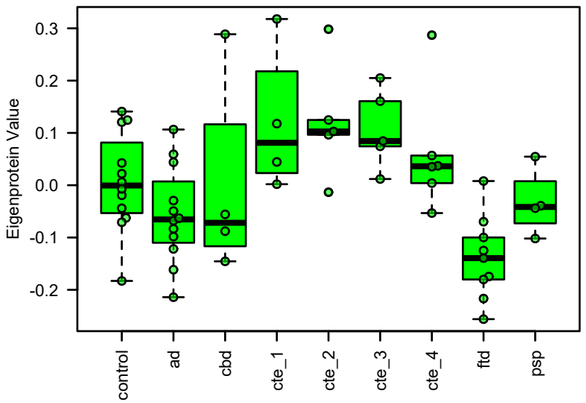

bicor=0.54, p=8.3e-06
cor=0.42, p=0.00075
Eigenprotein
PMI

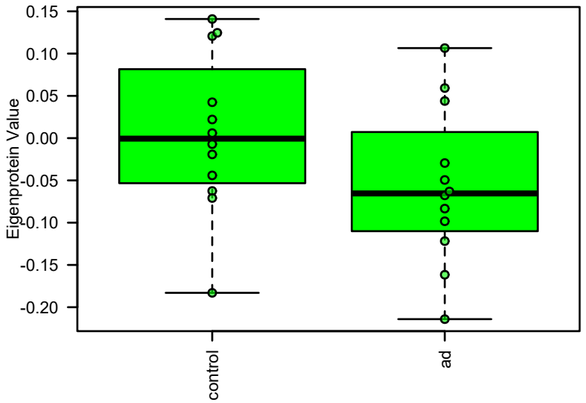
M9 magenta module

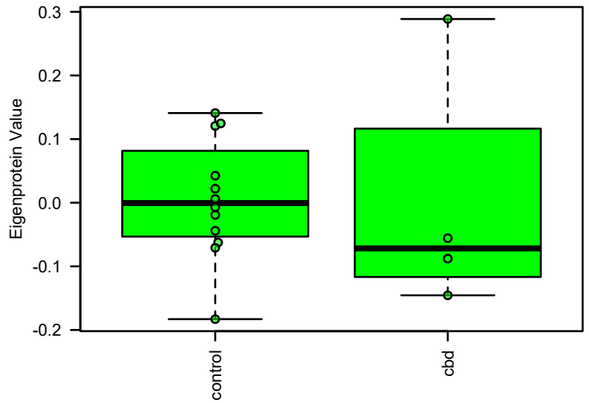


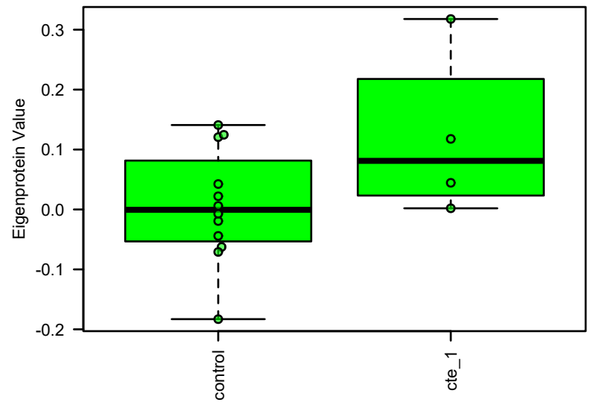
M9 magenta module hubs connected by top 400 TOM edges: HUB^{degree}

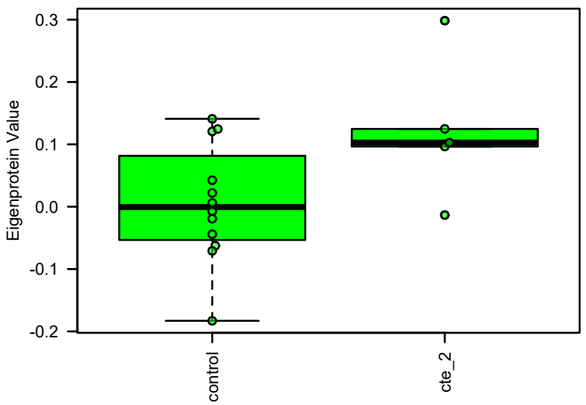


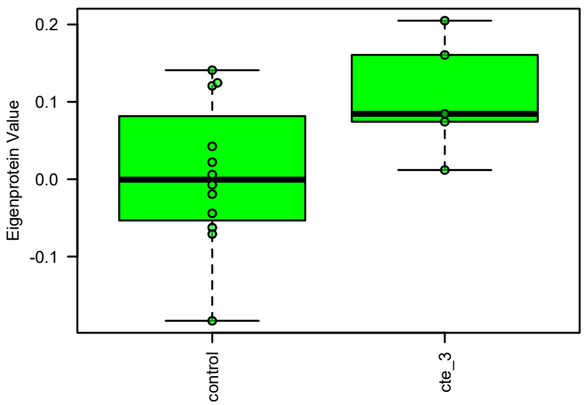

M5 green
1-way AOV p = 0.00015
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

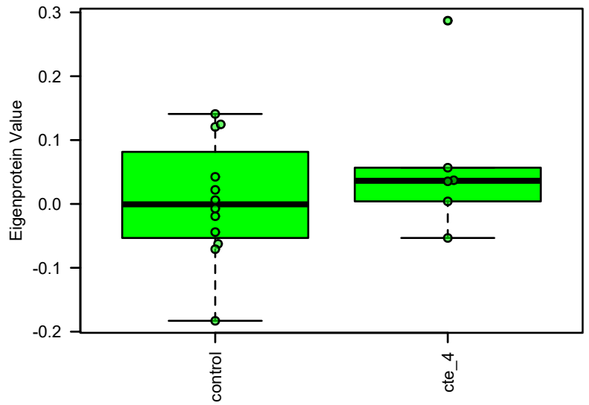

M5 green
T-test p = 0.11
Eigenprotein Value
control
ad

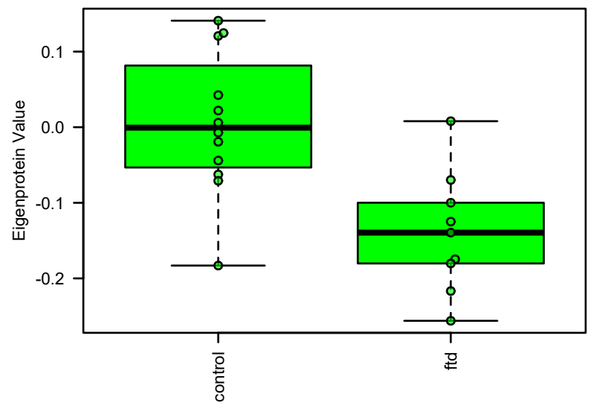

M5 green
T-test p = 0.93
Eigenprotein Value
control
cbd

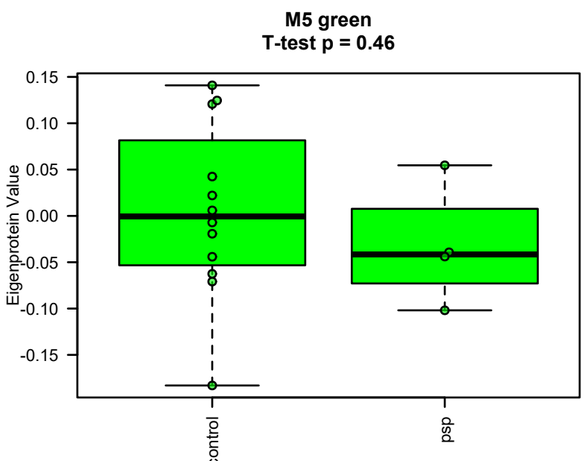

M5 green
T-test p = 0.08
Eigenprotein Value
control
cte_1

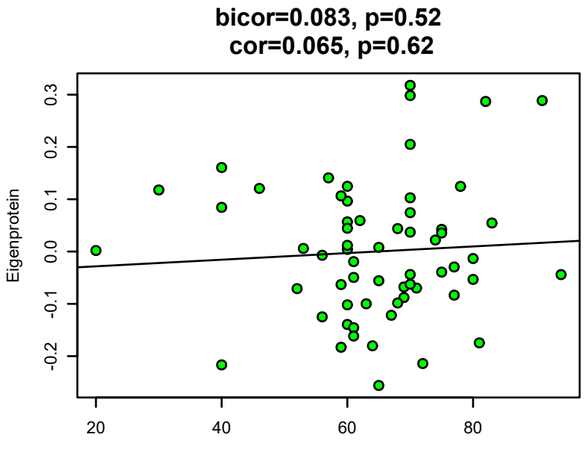

M5 green
T-test p = 0.044
Eigenprotein Value
control
cte_2

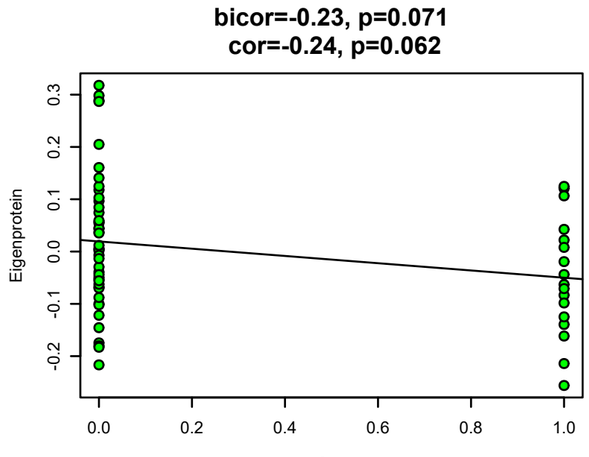

M5 green
T-test p = 0.05
Eigenprotein Value
control
cte_3

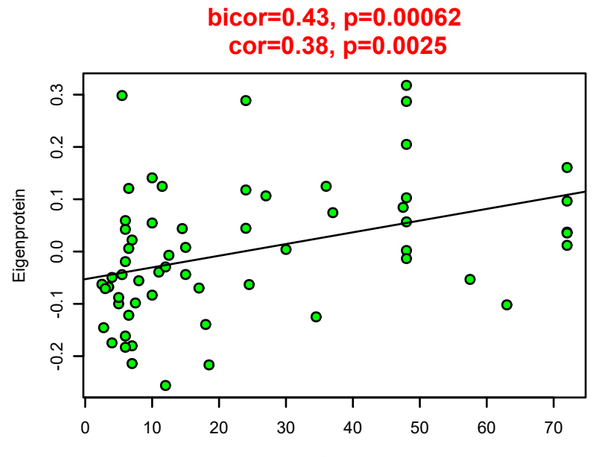

M5 green
T-test p = 0.29
Eigenprotein Value
control
cte_4


M5 green
T-test p = 0.0014
Eigenprotein Value
control
ftd

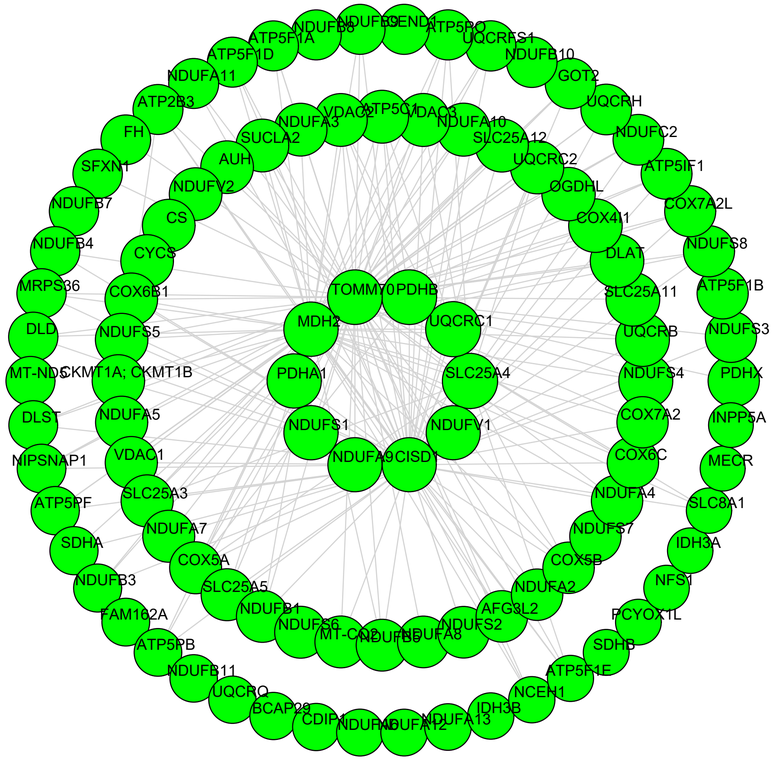

M5 green
T-test p = 0.46
Eigenprotein Value
control
psp

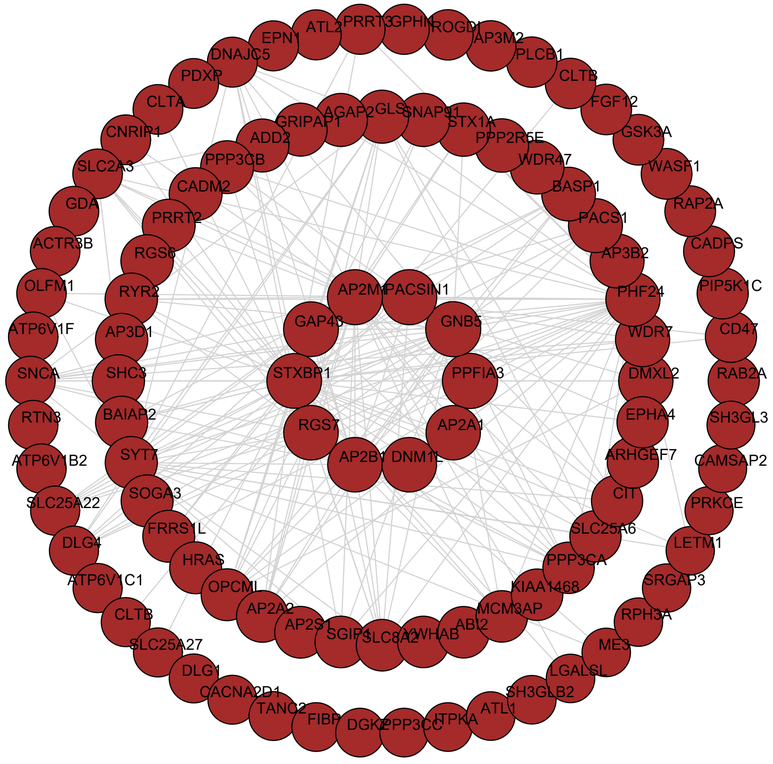

bicor=0.083, p=0.52
cor=0.065, p=0.62
Eigenprotein
Age

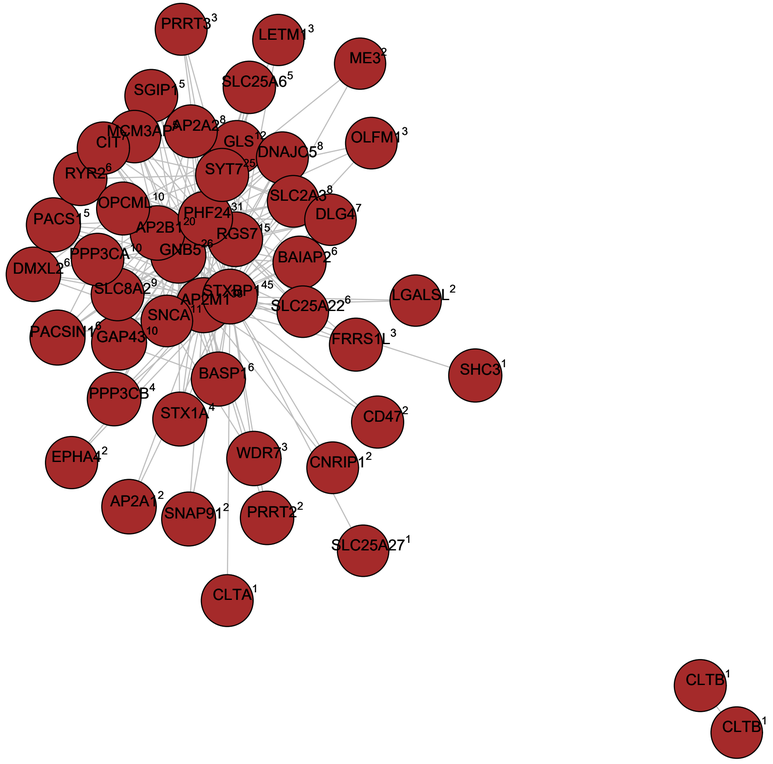

bicor=-0.23, p=0.071
cor=-0.24, p=0.062
Eigenprotein
Sex

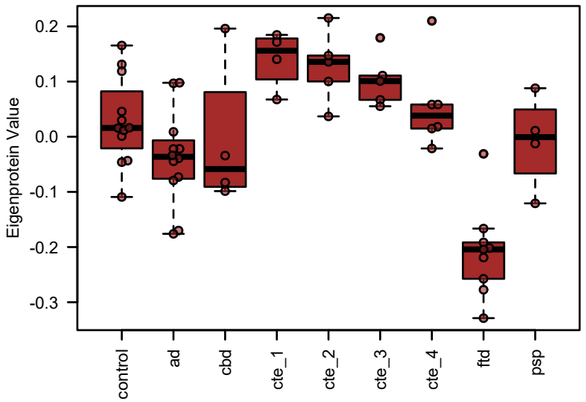

bicor=0.43, p=0.00062
cor=0.38, p=0.0025
Eigenprotein
PMI

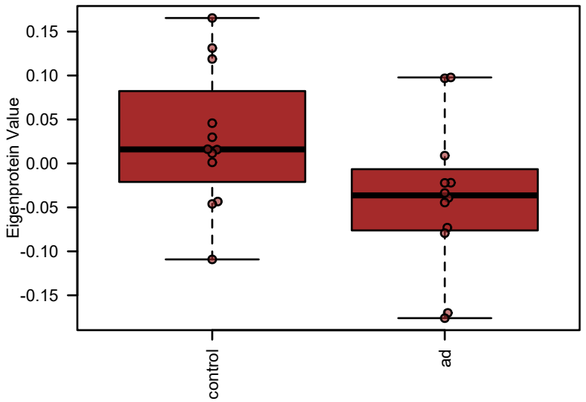
M5 green module

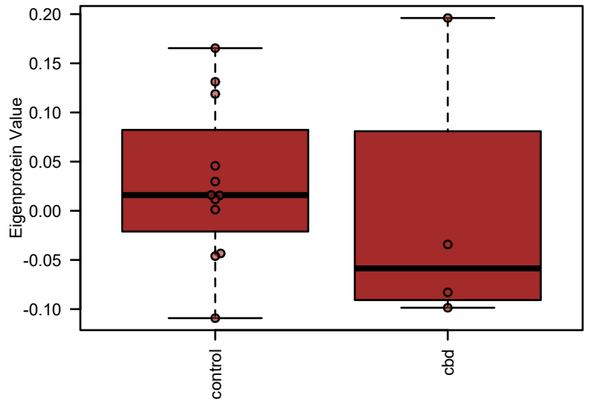

NDUFB9
ENDA
ATP5PO
UQCRFS1
NDUFB10
GOT2
UQCRH
NDUFC2
ATP5IF1
COX7A2L
NDUFS8
ATP5F1B
NDUFS3
PDHX
INPP5A
MECR
SLC8A1
IDH3A
NFS1
PCYOXTL
SDHB
ATP5F1E
NCEH1
IDH3B
NDUFA13
NDUFA12
NDUFA8
NDUFB6
NDUFB5
MT-CO2
NDUFS6
NDUFB1
SLC25A5
COX5A
NDUFA7
SLC25A3
ATP5PF
SDHA
NDUFB3
FAM162A
ATP5PB
NDUFB11
UQCRC
BCAP29
CDIP1
NDUFA11
ATP5F1D
ATP5F1A
ATP2B3
FH
SFXN1
NDUFB7
NDUFB4
MRPS36
DLD
MT-ND5
DLST
MIPSNAP1
ATP5PF
SDHA
NDUFB3
FAM162A
ATP5PB
NDUFB11
UQCRC
BCAP29
CDIP1
NDUFA12
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NCEH1
IDH3B
SDHB
ATP5F1E
NFS1
PCYOXTL
SLC8A1
IDH3A
MECR
PDHX
INPP5A
NDUFS3
ATP5F1B
NDUFS8
COX7A2L
ATP5IF1
NDUFC2
UQCRH
GOT2
NDUFB10
UQCRFS1
ATP5PO
ENDA
NDUFB6
NDUFB5
ATP5F1A
ATP5F1D
NDUFA11
ATP2B3
FH
SFXN1
NDUFB7
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COX6B1
CYCS
CS
NDUFV2
AUH
SUCLA2
NDUFA3
VDAC2
ATP5C1
VDAC3
NDUFA10
SLC25A12
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OGDHL
COX4I1
DLAT
SLC25A11
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COX6C
NDUFA4
NDUFS7
COX5B
NDUFA2
AFG3L2
NDUFS2
NDUFA8
NDUFB8
MT-CO1
NDUFS6
NDUFB1
SLC25A5
COX5A
NDUFA7
SLC25A3

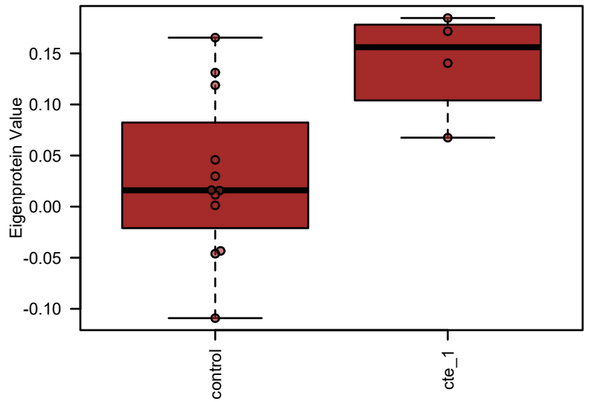

M3 brown module
PRRT3
GPHN
ROGDI
AP3M2
PLCB1
CLTB
FGF12
GSK3A
WASF1
RAP2A
CADPS
PIP5K1C
CD47
RAB2A
SH3GL3
CAMSAP2
PRKCE
LETM1
SRGAP3
RPH3A
ME3
LGALSL
SH3GLB2
ATL1
ITPKA
PPP3CC
DGKZ
FIBP
TANC2
CACNA2D1
DLG1
SLC25A27
CLTB
ATP6V1C1
DLG4
SLC25A22
SOGA3
FRRS1L
HRAS
OPCML
AP2A2
AP2S1
SGIP1
SLC8A2
YWHAB
ABI2
MCM3AP
KIAA1468
PPP3CA
SLC25A6
CIT
ARHGEF7
EPHA4
DMXL2
WDR7
PHF24
AP3B2
PACS1
BASP1
WDR47
PPP2R5E
STX1A
SNAP91
GLS
AGAP2
GRIPAP1
ADD2
PPP3CB
CADM2
PRRT2
RGS6
ACTR3B
OLFM1
ATP6V1F
SNCA
RTN3
ATP6V1B2
SYT7
BAIAP2
SHC3
AP3D1
RYR2
GDA
SLC2A3
CNRIP1
CLTA
PDXP
DNAJC5
EPN1
ATL2
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GNB5
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DNM1L
AP2B1
RGS7

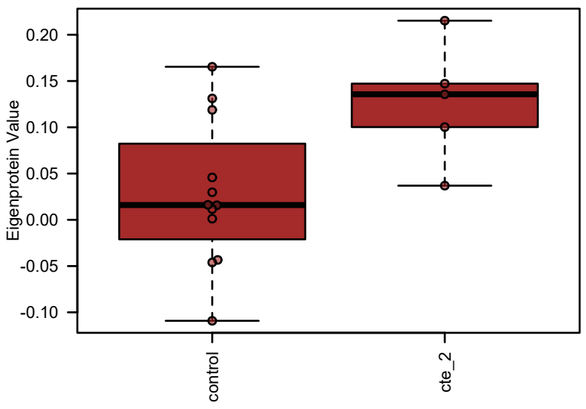

M3 brown module hubs connected by top 400 TOM edges: HUB degree
PRRT3 3
LETM1 3
ME3 2
SLC25A6 5
SGIP1 5
MCM3AP 8
AP2A2 8
GLS 12
DNAJC5 8
OLFM1 3
CIT 6
RYR2 6
SYT7 25
SLC2A3 8
OPCML 10
PHF24 31
DLG4 7
PACS1 5
AP2B1 20
RGS7 15
PPP3CA 10
GNB5 26
BAIAP2 6
DMXL2 6
SLC8A2 9
STXBP1 45
AP2M1 18
SLC25A22 6
LGALSL 2
SNCA 11
PACSIN1 6
GAP43 10
FRRS1L 3
SHC3 11
BASP1 6
PPP3CB 4
STX1A 4
CD47 2
EPHA4 2
WDR7 3
CNRIP1 2
AP2A1 2
SNAP91 2
PRRT2 2
SLC25A27 1
CLTA 1
CLTB 1
CLTB 1

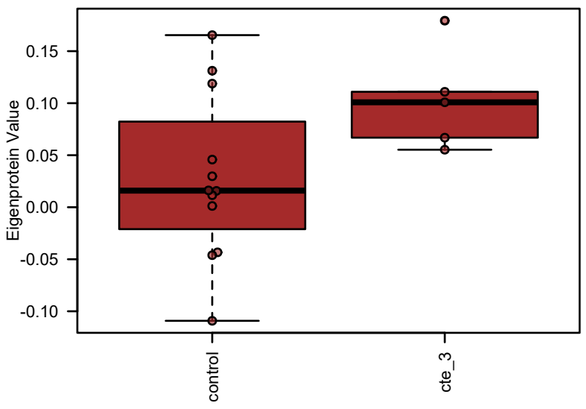

M3 brown
1-way AOV p = 1.4e-09
Eigenprotein Value
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

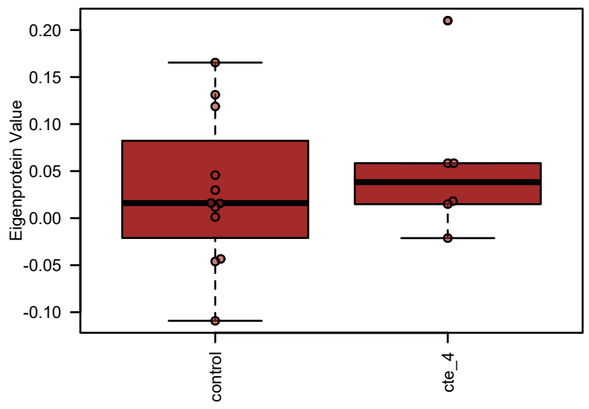

M3 brown
T-test p = 0.061
Eigenprotein Value
control
ad

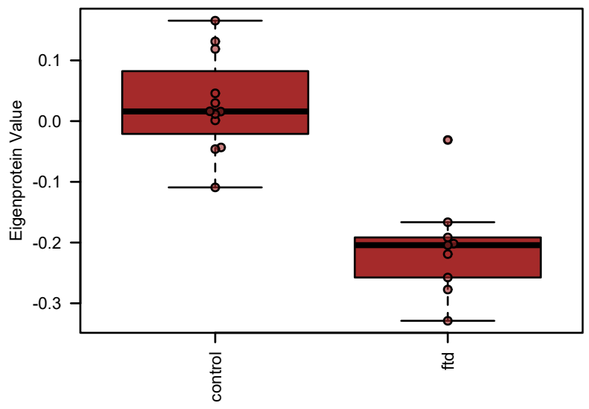

M3 brown
T-test p = 0.55
Eigenprotein Value
control
cbd

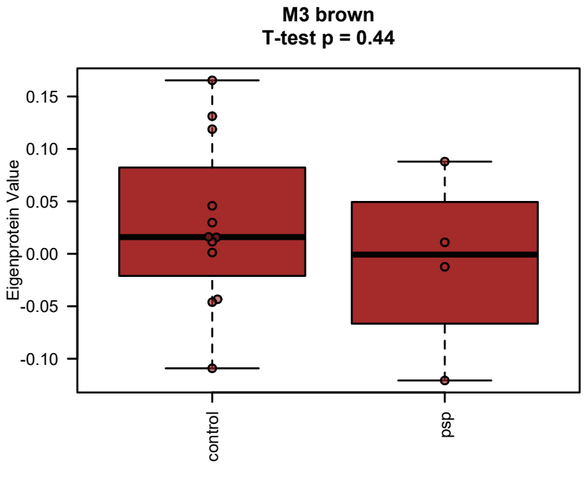

M3 brown
T-test p = 0.019
Eigenprotein Value
control
cte_1

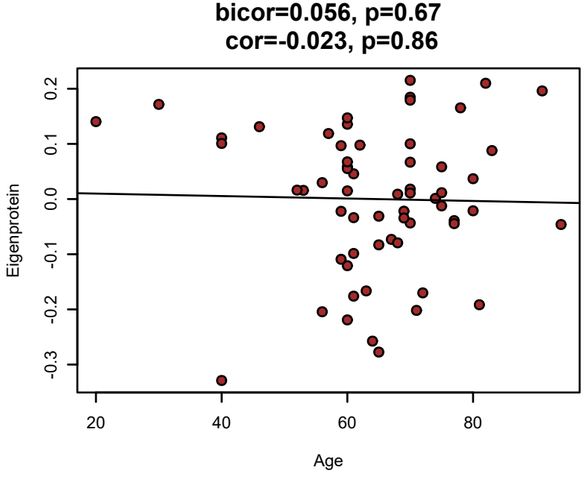

M3 brown
T-test p = 0.027
Eigenprotein Value
control
cte_2

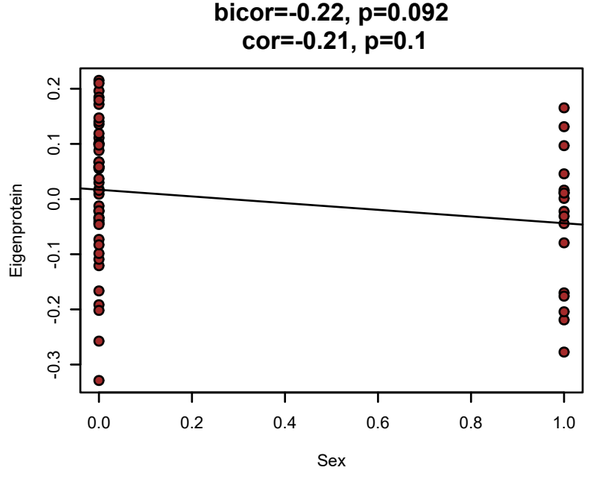

M3 brown
T-test p = 0.071
Eigenprotein Value
control
cte_3

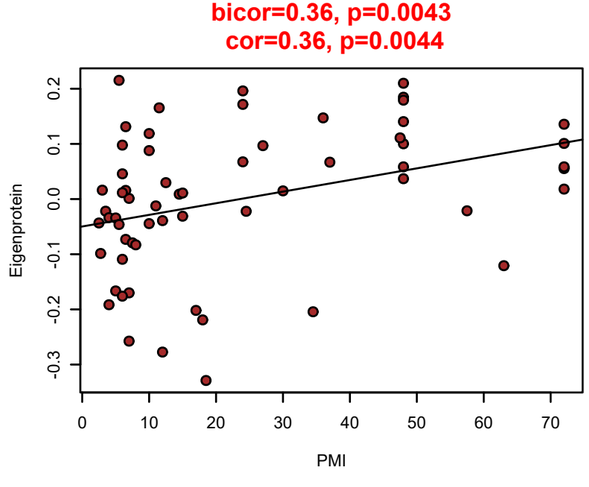

M3 brown
T-test p = 0.49
Eigenprotein Value
control
cte_4

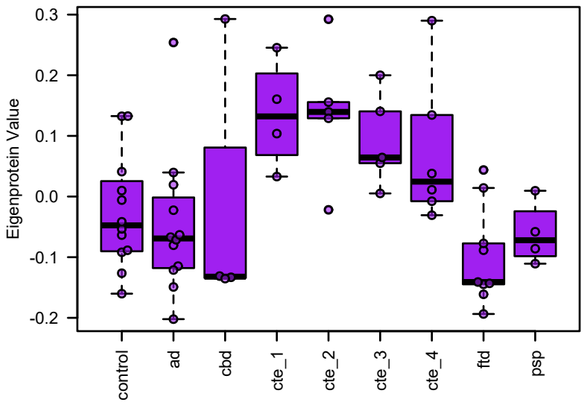

M3 brown
T-test p = 2.4e-06
Eigenprotein Value
control
ftd

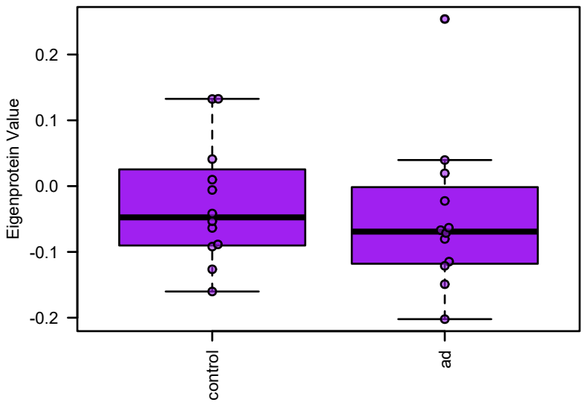

M3 brown
T-test p = 0.44
Eigenprotein Value
control
psp

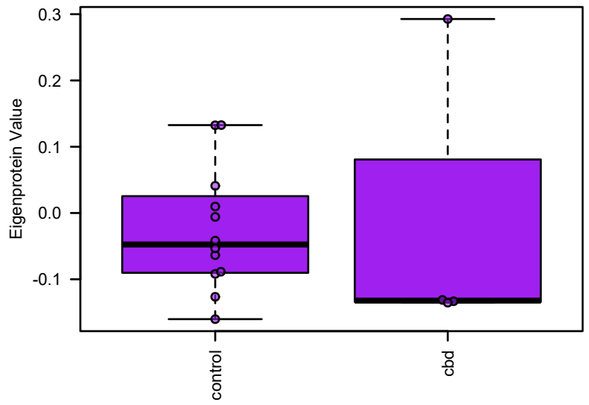

bicor=0.056, p=0.67
cor=-0.023, p=0.86
Eigenprotein
Age

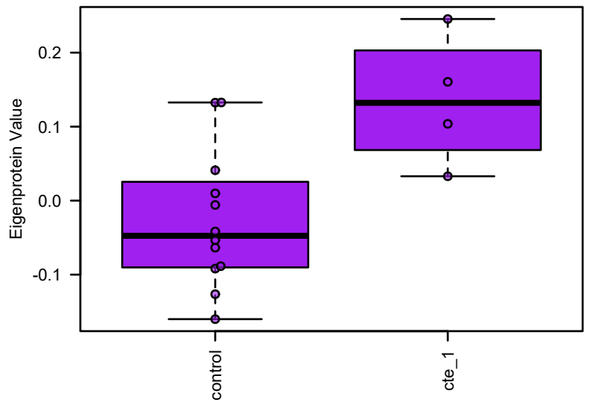

bicor=-0.22, p=0.092
cor=-0.21, p=0.1
Eigenprotein
Sex

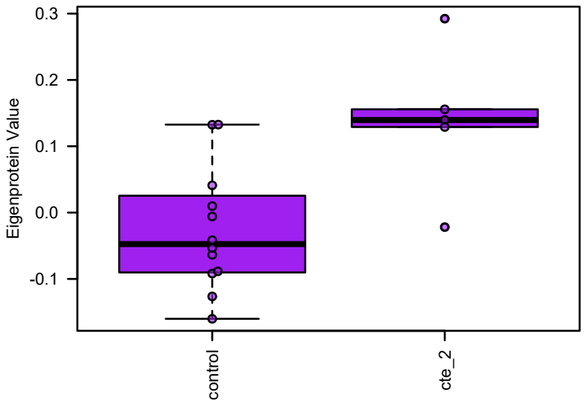

bicor=0.36, p=0.0043
cor=0.36, p=0.0044
Eigenprotein
PMI

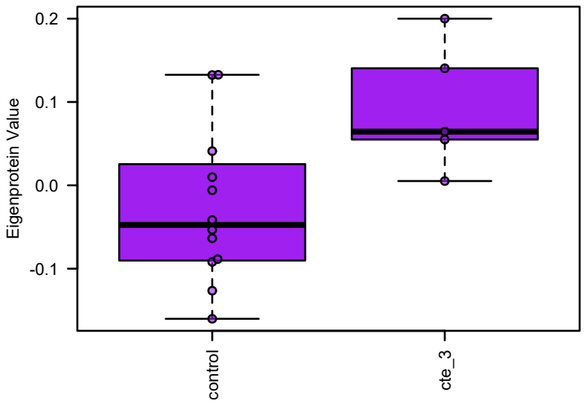

M10 purple
1-way AOV p = 0.00075
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
cte_1
cte_2
cte_3
cte_4
ftd
psp

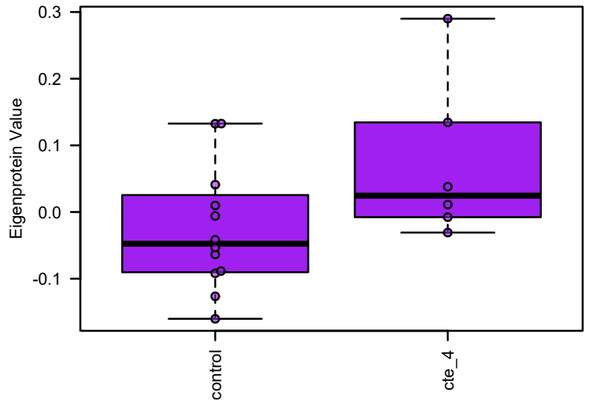

M10 purple
T-test p = 0.62
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

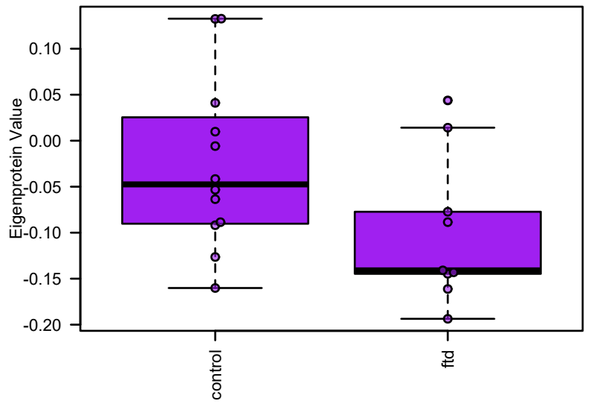

M10 purple
T-test p = 1
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cbd

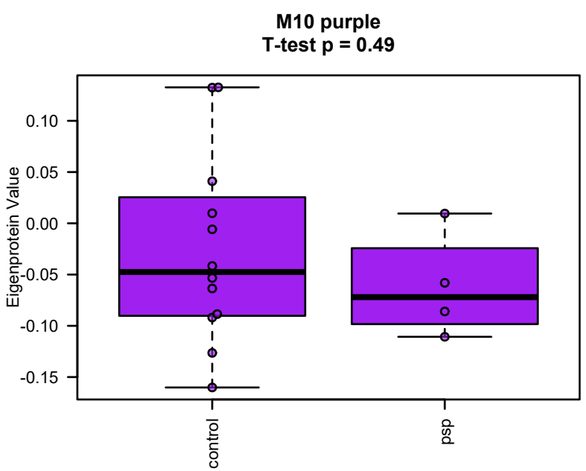

M10 purple
T-test p = 0.0089
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

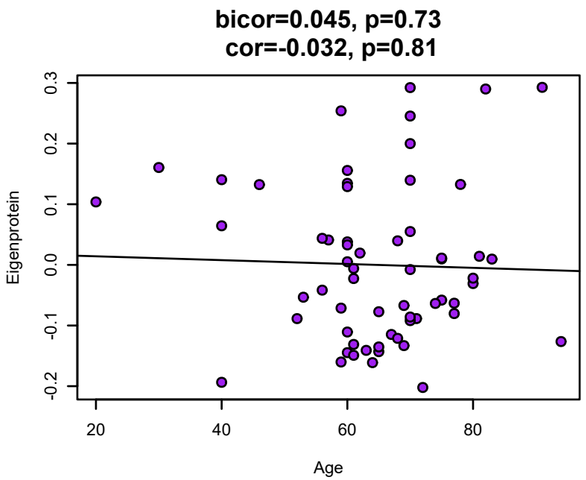

M10 purple
T-test p = 0.0065
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_2

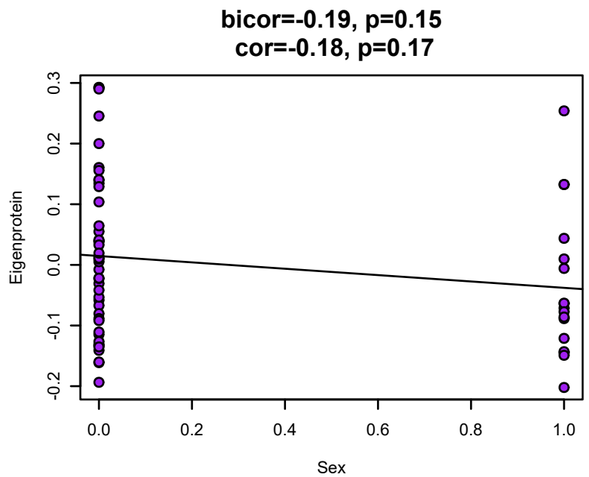

M10 purple
T-test p = 0.024
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

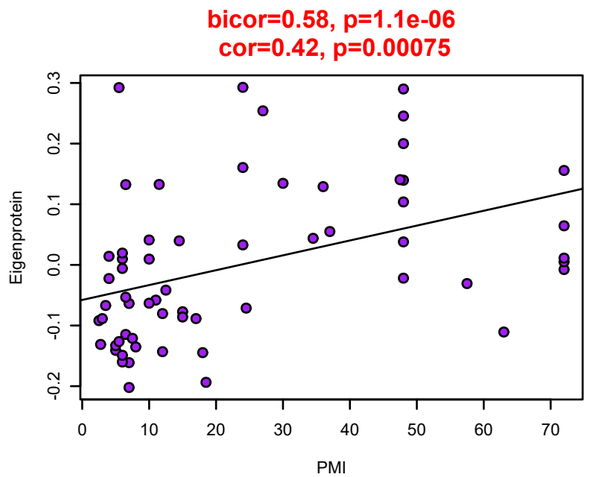

M10 purple
T-test p = 0.072
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
cte_4

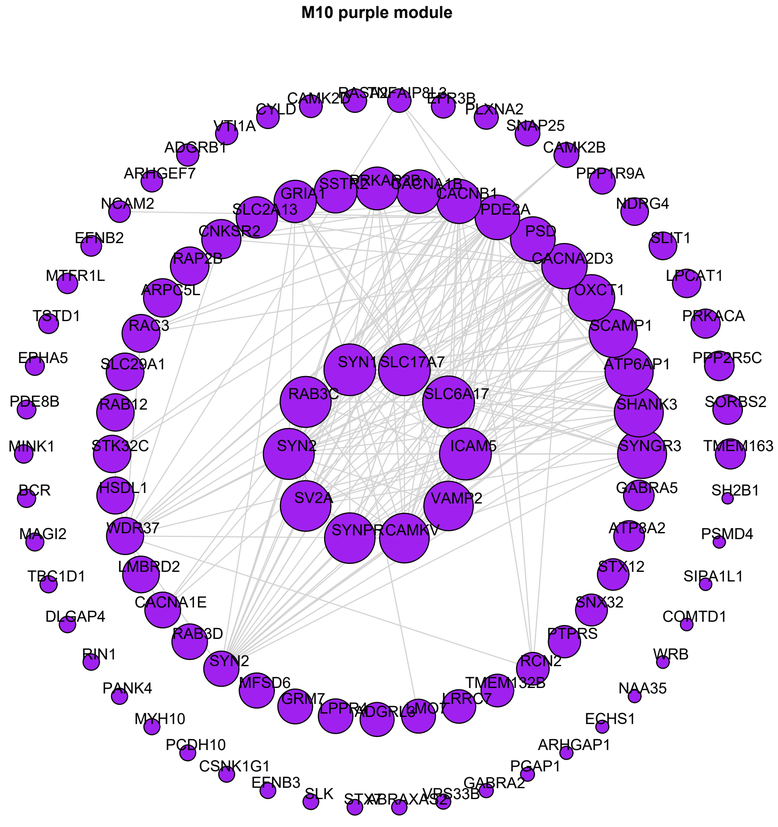

M10 purple
T-test p = 0.077
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
control
ftd


M10 purple
T-test p = 0.49
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
psp


bicor=0.045, p=0.73
cor=-0.032, p=0.81
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age


bicor=-0.19, p=0.15
cor=-0.18, p=0.17
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex


bicor=0.58, p=1.1e-06
cor=0.42, p=0.00075
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI


M10 purple module
CAMK2B
RASGRF2
TNFAIP8L3
PLXNA2
SNAP25
CAMK2B
PPP1R9A
NDRG4
SLIT1
LPCAT1
PRKACA
PPP2R5C
SORBS2
TMEM163
SH2B1
PSMD4
SIPA1L1
COMTD1
WRB
NAA35
ECHS1
ARHGAP1
PGAP1
GABRA2
VPS33B
STXBP1
AXIN2
SLK
EFNB3
CSNK1G1
PCDH10
MYH10
PANK4
RIN1
DLGAP4
TBC1D1
MAGI2
BCR
MINK1
PDE8B
EPHA5
MTFR1L
TSTD1
EFNB2
NCAM2
ARHGEF7
ADGRB1
VTI1A
CYLD
SSTR2
PRKAR2B
CACNA1B
CACNB1
GRIA1
SLC2A13
CNKSR2
RAP2B
ARPC5L
RAC3
SLC29A1
RAB12
STK32C
HSDL1
WDR37
LMBRD2
CACNA1E
RAB3D
SYN2
MFSD6
GRM7
LPPR1
ADGRL3
MOT
LRRC7
TMEM132B
RCN2
PTPRS
SNX32
STX12
VAMP2
SYNPR
CAMKV
SV2A
SYN2
RAB3C
SYN1
SLC17A7
SLC6A17
ICAM5
PSD
CACNA2D3
OXCT1
SCAMP1
ATP6AP1
SHANK3
SYNGR3
GABRA5
ATP8A2
PSD
CACNA2D3
OXCT1
SCAMP1
ATP6AP1
SHANK3
SYNGR3
GABRA5
ATP8A2
STX12
SNX32
PTPRS
RCN2
TMEM132B
LRRC7
MOT
ADGRL3
LPPR1
GRM7
MFSD6
SYN2
RAB3D
CACNA1E
LMBRD2
WDR37
HSDL1
STK32C
RAB12
SLC29A1
RAC3
ARPC5L
RAP2B
CNKSR2
SLC2A13
GRIA1
CACNA1B
CACNB1
PDE2A