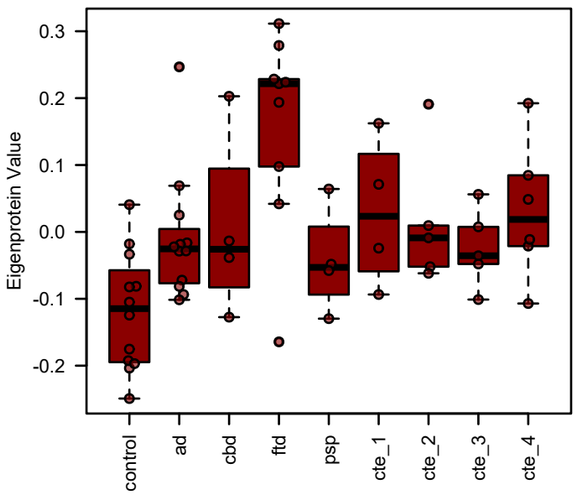
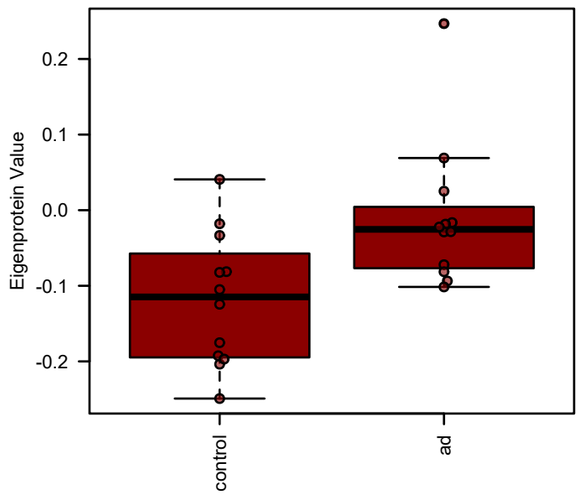
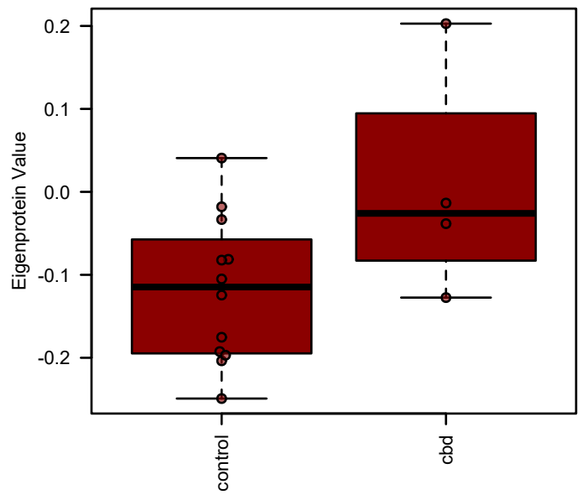
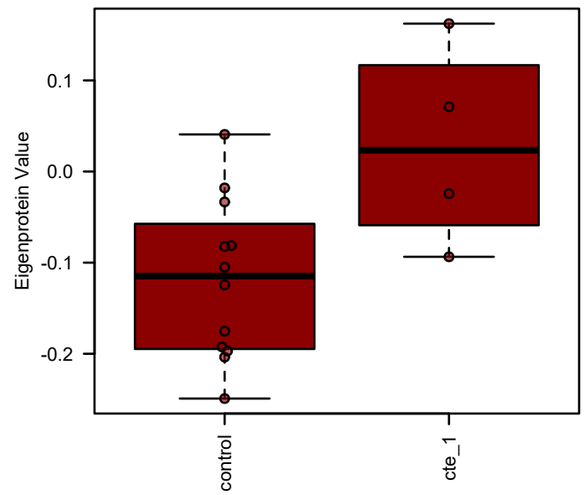
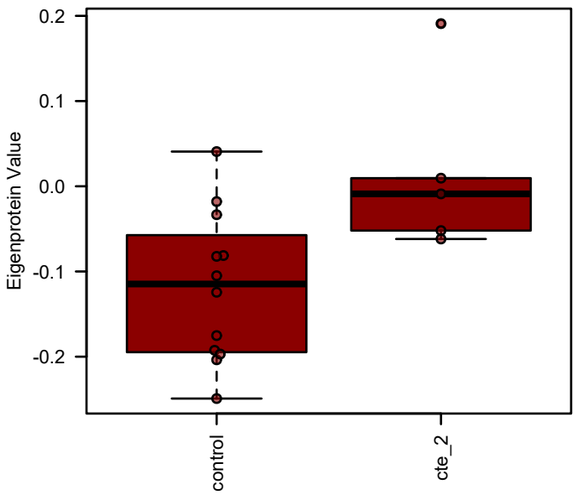
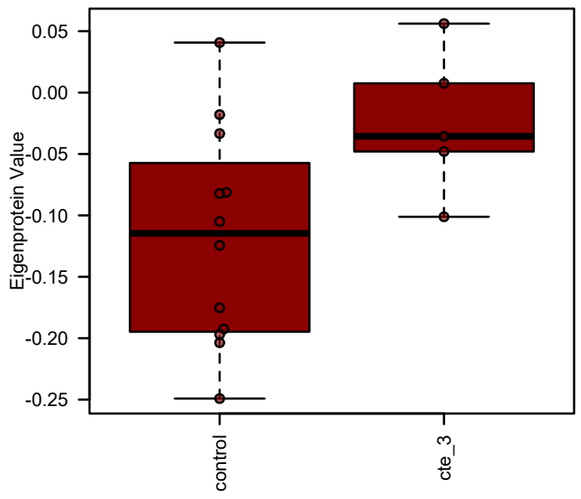

M21 darkred
1-way AOV p = 0.00024
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

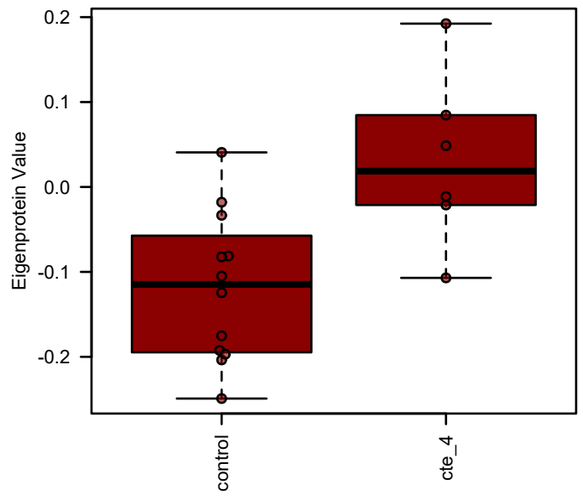

M21 darkred
T-test p = 0.0082
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

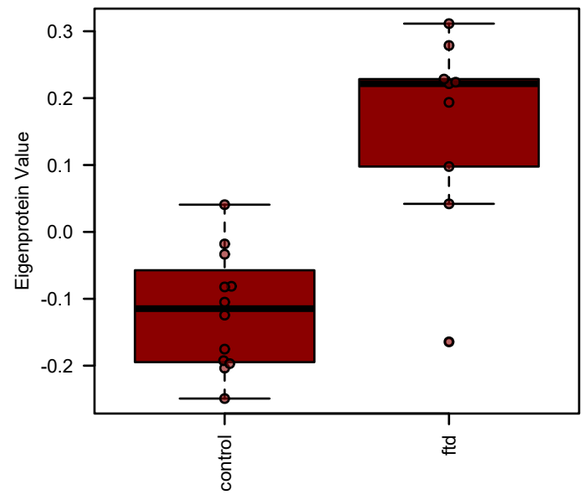

M21 darkred
T-test p = 0.052
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

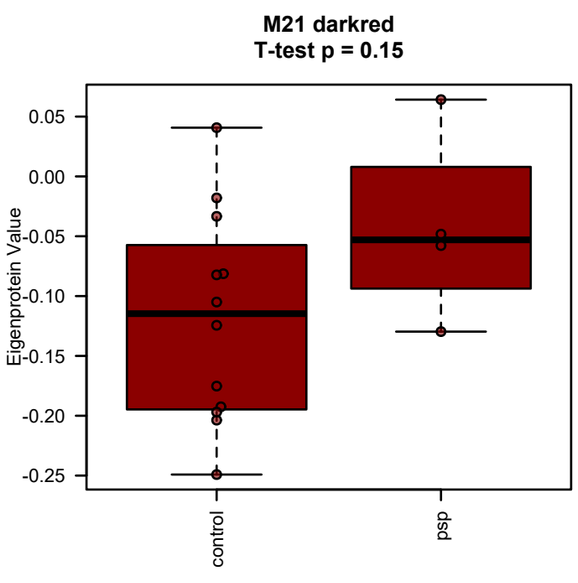

M21 darkred
T-test p = 0.016
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cte_1

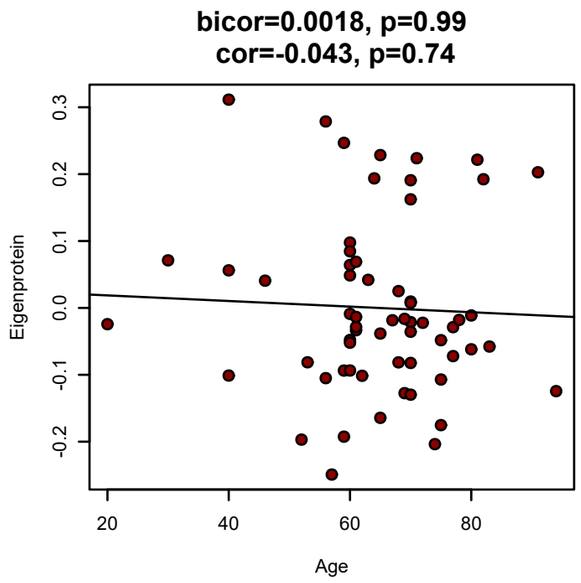

M21 darkred
T-test p = 0.015
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

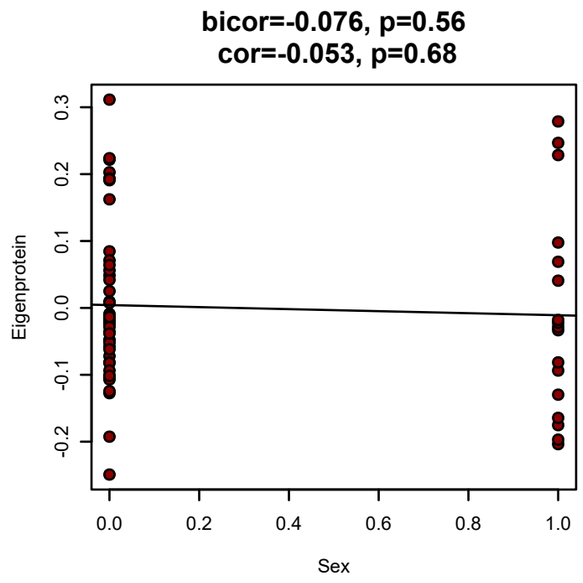

M21 darkred
T-test p = 0.046
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_3

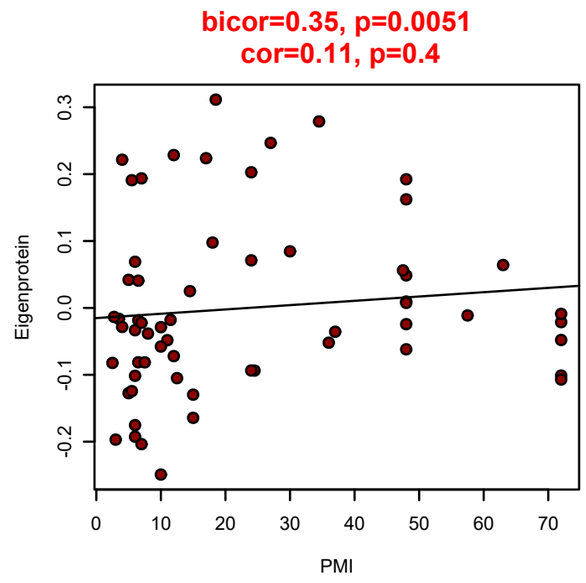

M21 darkred
T-test p = 0.0053
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4


M21 darkred
T-test p = 3.3e-05
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

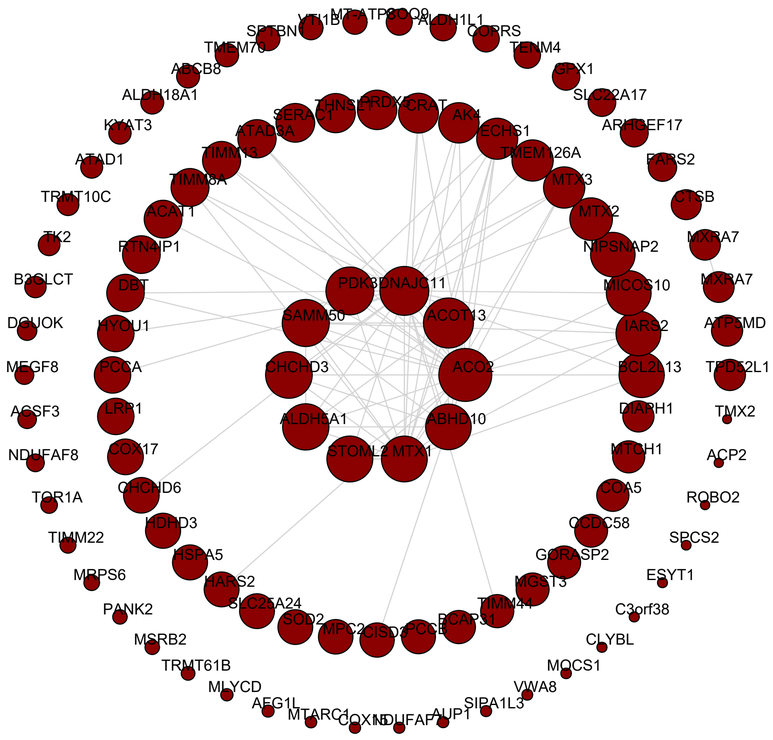

M21 darkred
T-test p = 0.15
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
psp


bicor=0.0018, p=0.99
cor=-0.043, p=0.74
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

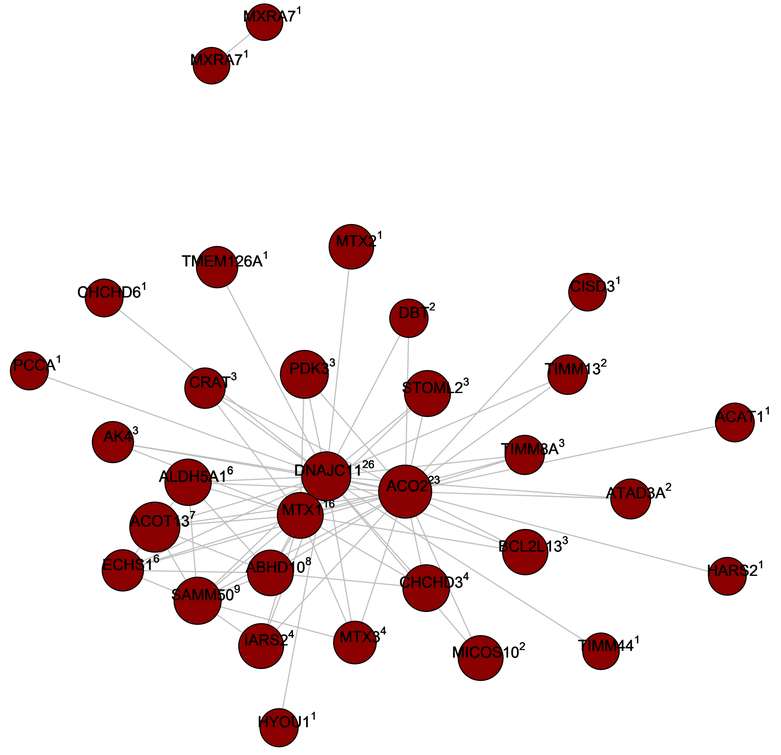

bicor=-0.076, p=0.56
cor=-0.053, p=0.68
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

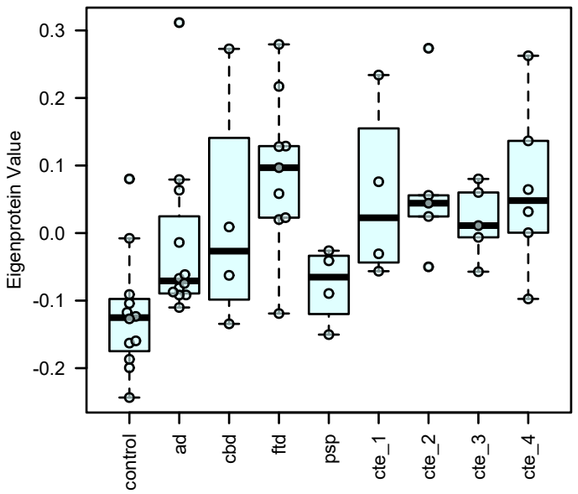

bicor=0.35, p=0.0051
cor=0.11, p=0.4
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

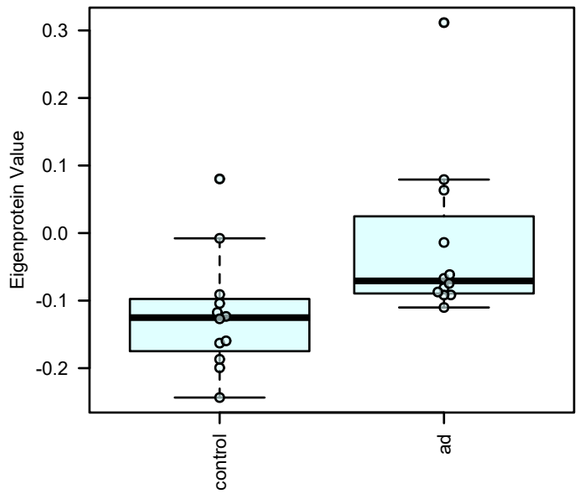
M21 darkred module

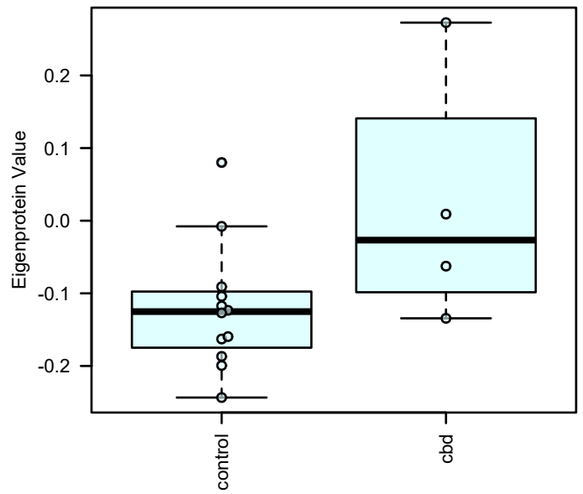


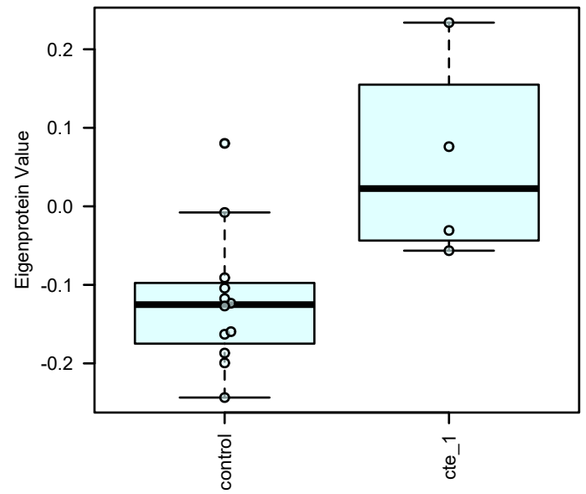
M21 darkred module hubs connected by top 150 TOM edges: HUB^{degree}

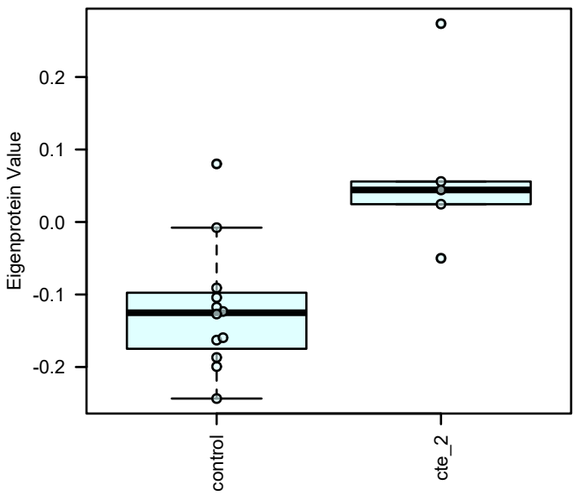


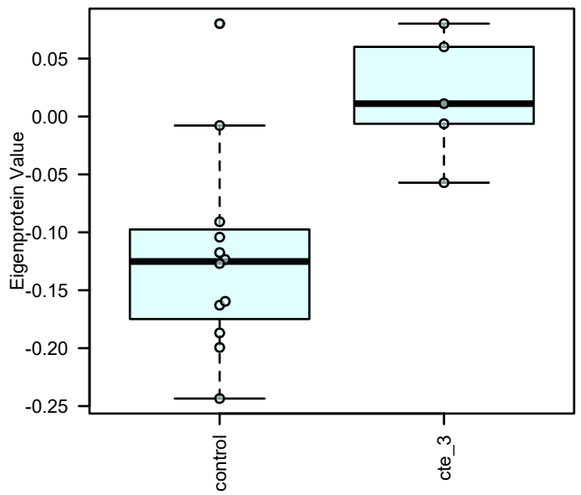

M16 lightcyan
1-way AOV p = 0.0031
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

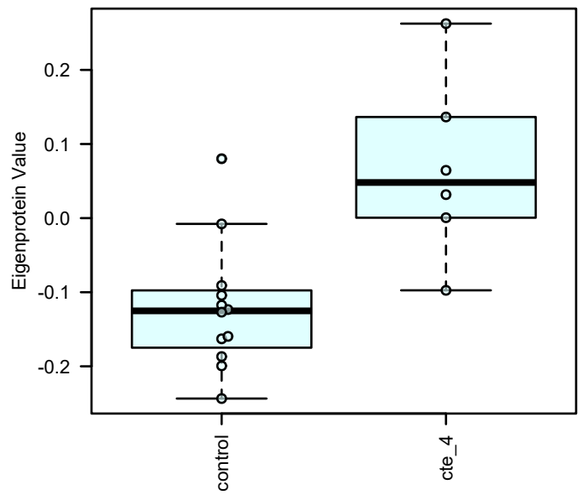

M16 lightcyan
T-test p = 0.027
Eigenprotein Value
control
ad

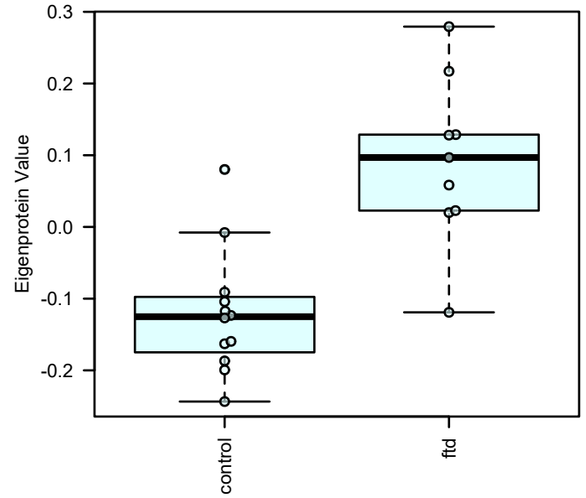

M16 lightcyan
T-test p = 0.047
Eigenprotein Value
control
cbd

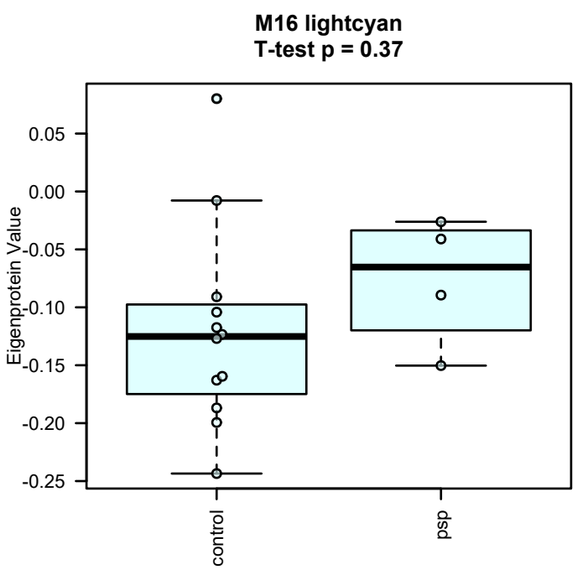

M16 lightcyan
T-test p = 0.0079
Eigenprotein Value
control
cte_1

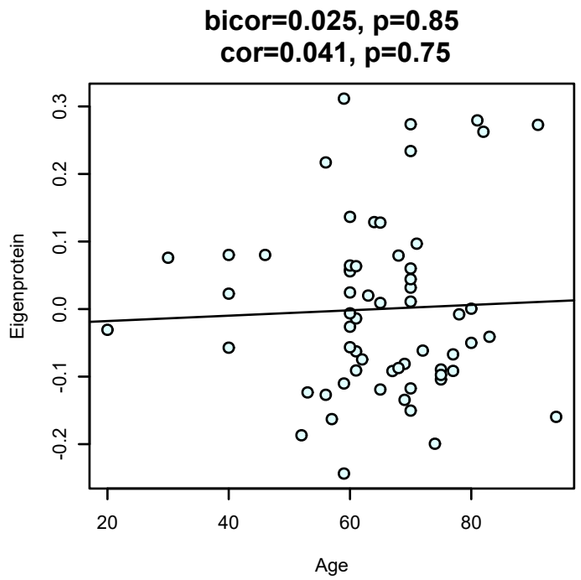

M16 lightcyan
T-test p = 0.0023
Eigenprotein Value
control
cte_2

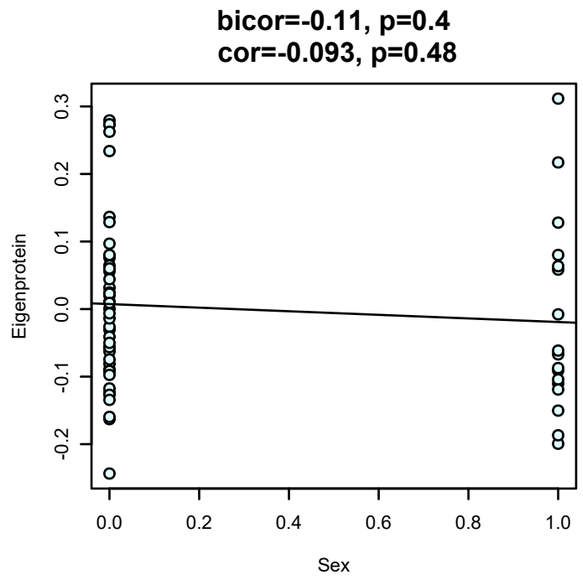

M16 lightcyan
T-test p = 0.0054
Eigenprotein Value
control
cte_3

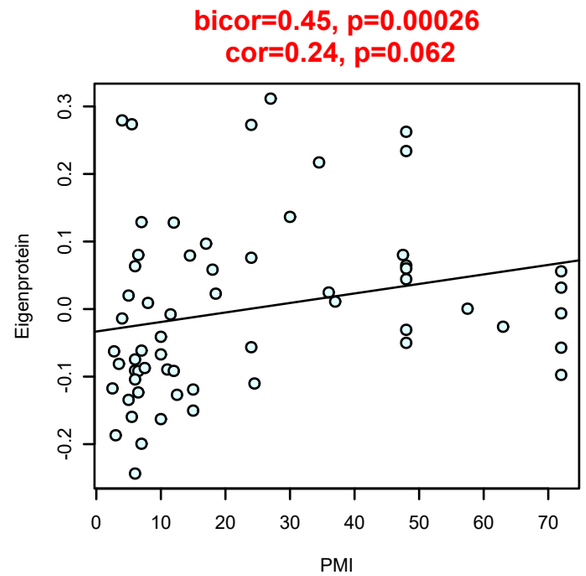

M16 lightcyan
T-test p = 0.0018
Eigenprotein Value
control
cte_4


M16 lightcyan
T-test p = 0.00013
Eigenprotein Value
control
ftd

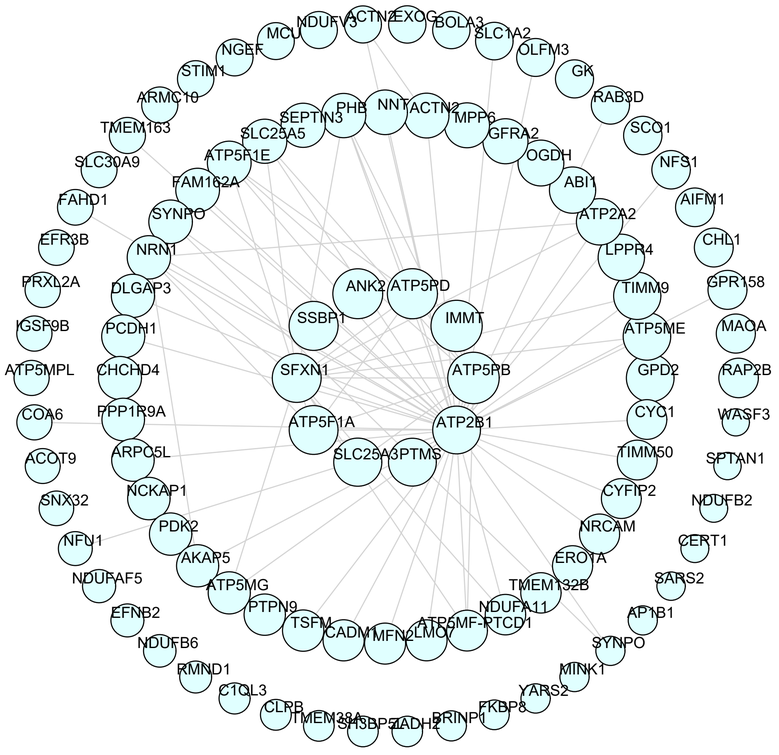

M16 lightcyan
T-test p = 0.37
Eigenprotein Value
control
psp


bicor=0.025, p=0.85
cor=0.041, p=0.75
Eigenprotein
Age

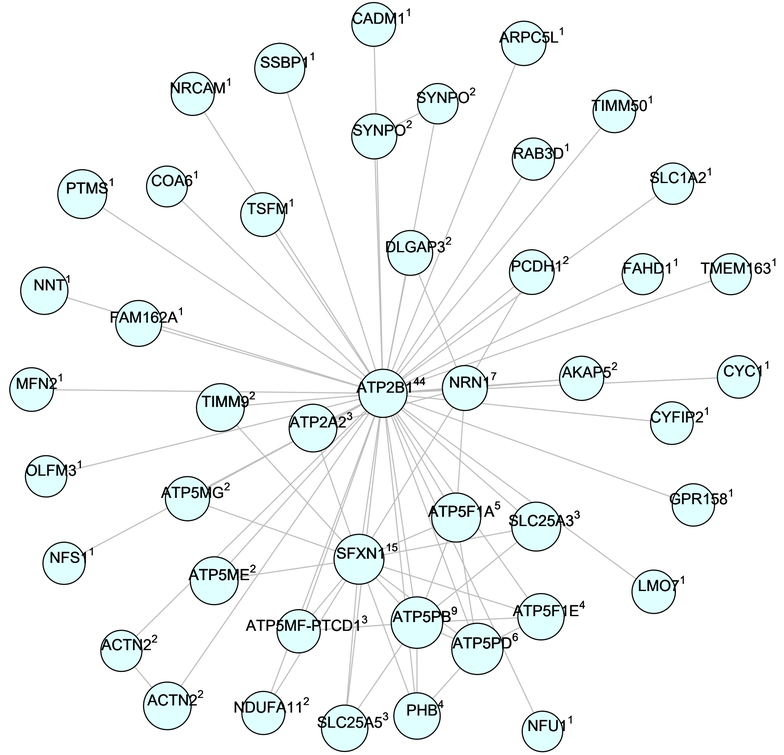

bicor=-0.11, p=0.4
cor=-0.093, p=0.48
Eigenprotein
Sex

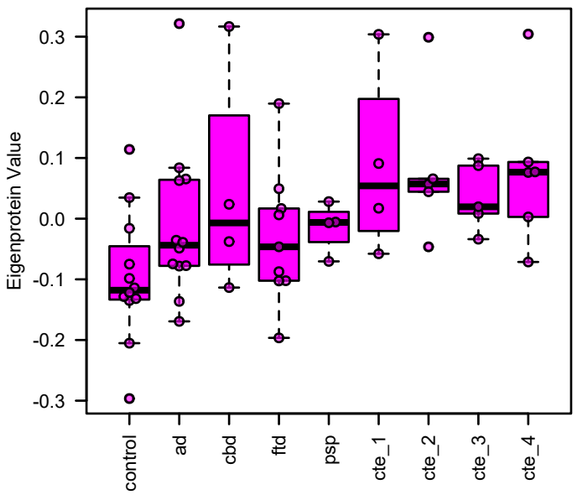

bicor=0.45, p=0.00026
cor=0.24, p=0.062
Eigenprotein
PMI

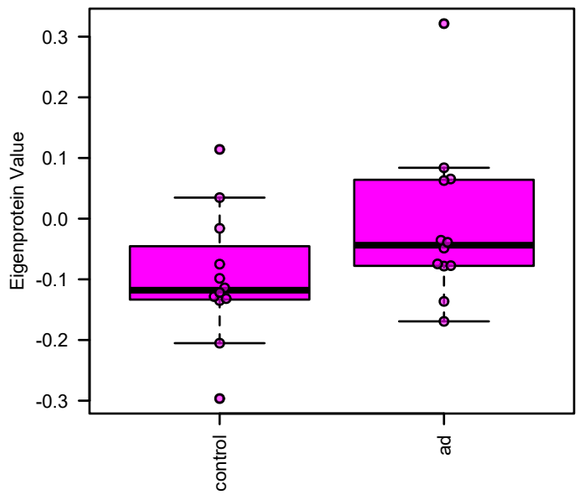
M16 lightcyan module

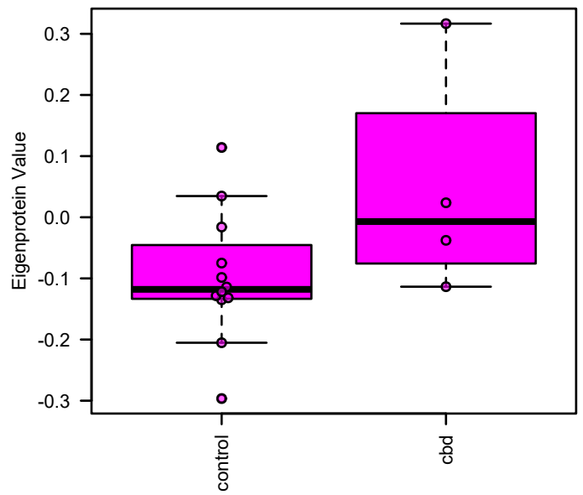


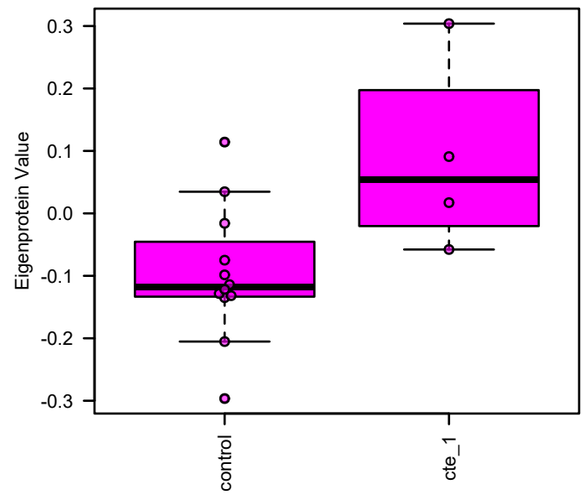
M16 lightcyan module hubs connected by top 150 TOM edges: HUB^{degree}

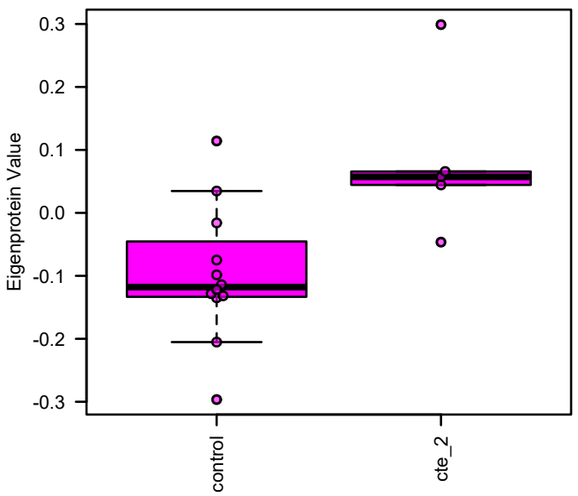


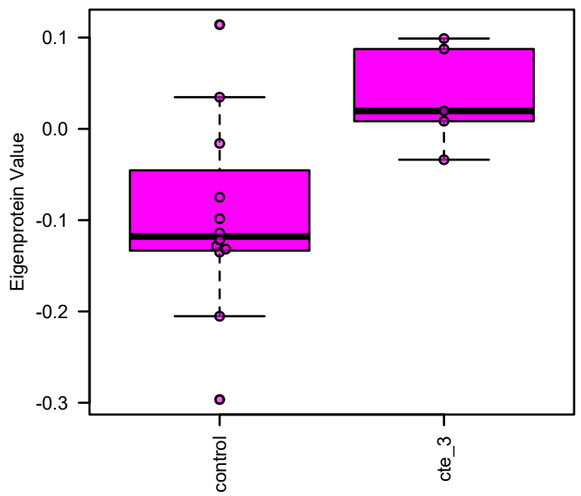

M9 magenta
1-way AOV p = 0.05
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

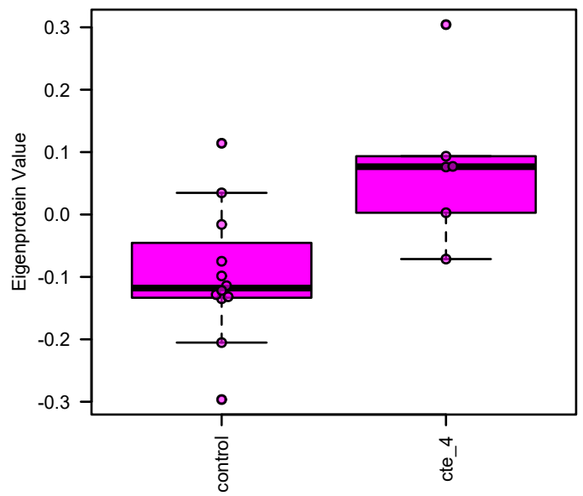

M9 magenta
T-test p = 0.086
Eigenprotein Value
control
ad

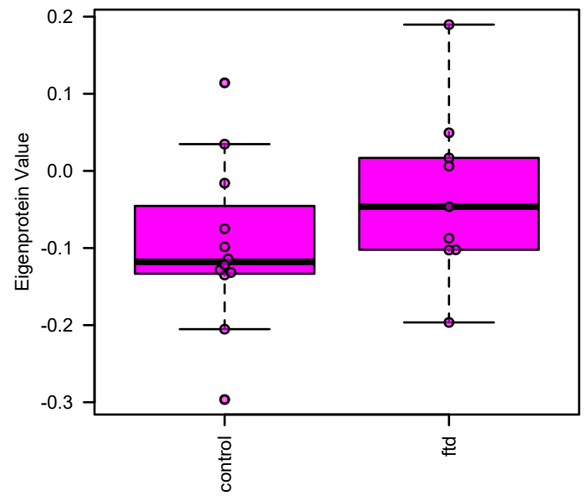

M9 magenta
T-test p = 0.071
Eigenprotein Value
control
cbd

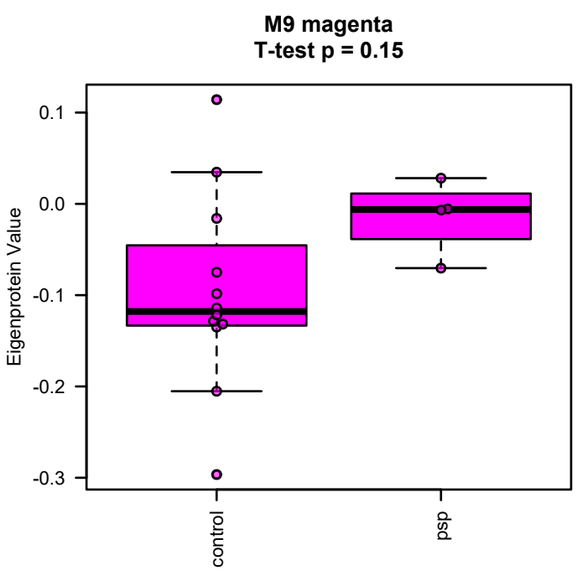

M9 magenta
T-test p = 0.017
Eigenprotein Value
control
cte_1

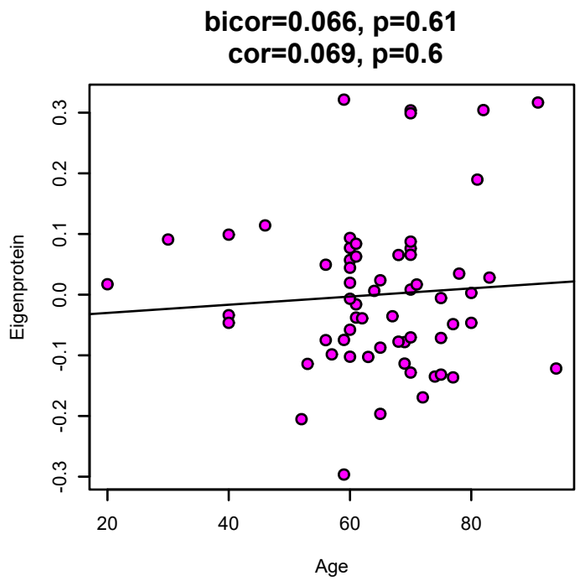

M9 magenta
T-test p = 0.0085
Eigenprotein Value
control
cte_2

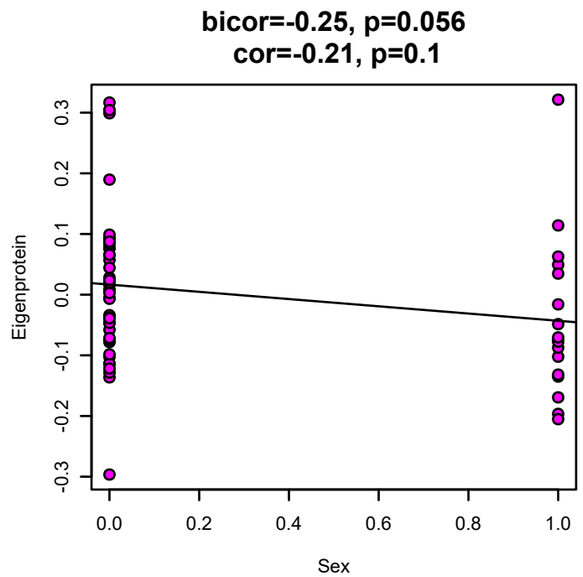

M9 magenta
T-test p = 0.019
Eigenprotein Value
control
cte_3

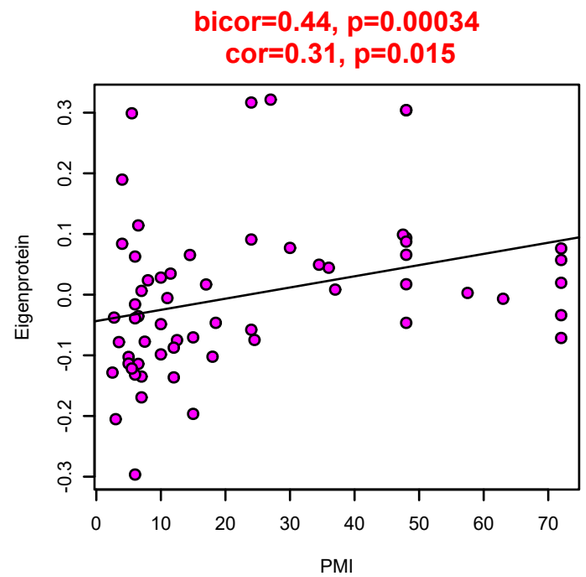

M9 magenta
T-test p = 0.0062
Eigenprotein Value
control
cte_4


M9 magenta
T-test p = 0.18
Eigenprotein Value
control
ftd

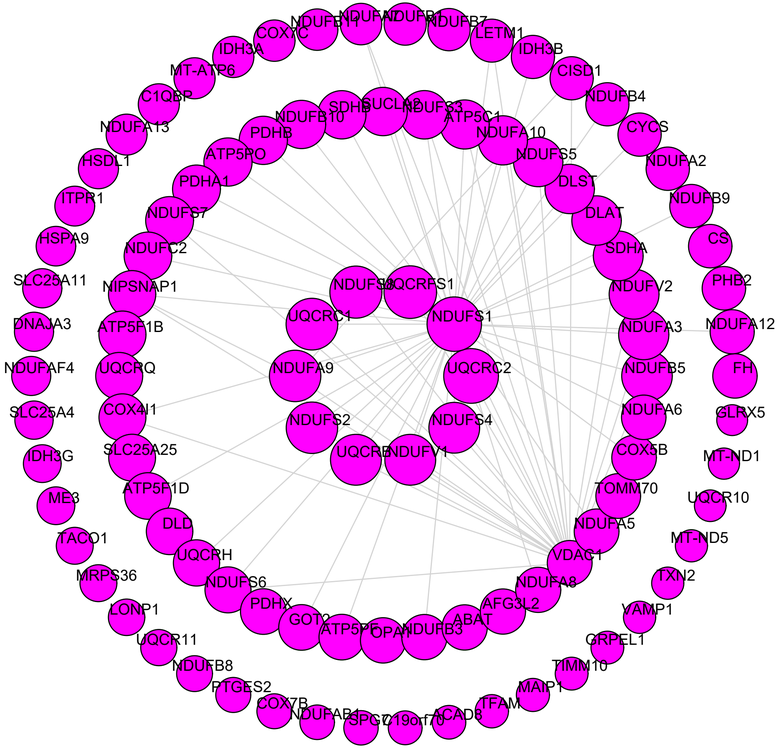

M9 magenta
T-test p = 0.15
Eigenprotein Value
control
psp


bicor=0.066, p=0.61
cor=0.069, p=0.6
Eigenprotein
Age

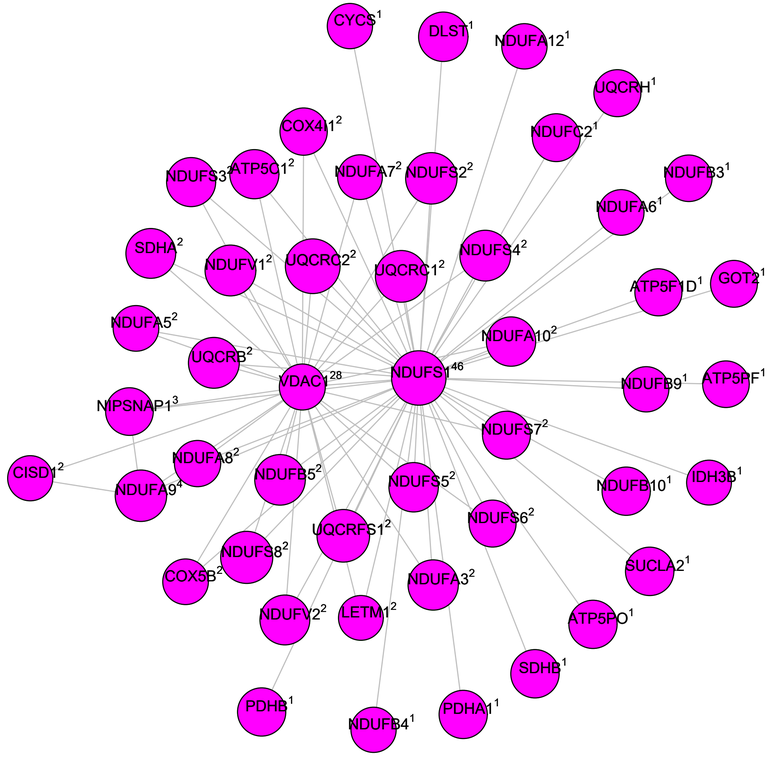

bicor=-0.25, p=0.056
cor=-0.21, p=0.1
Eigenprotein
Sex

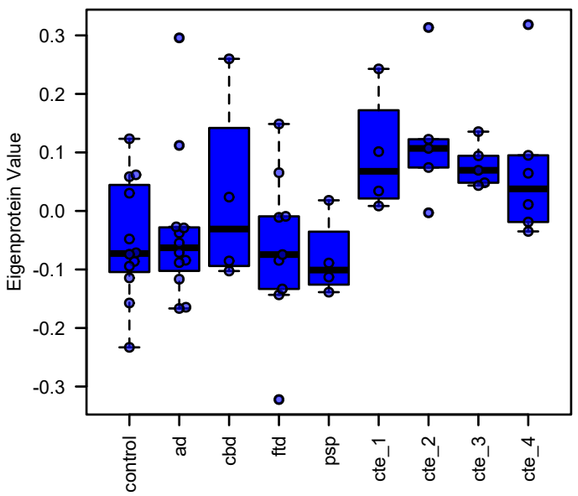

bicor=0.44, p=0.00034
cor=0.31, p=0.015
Eigenprotein
PMI

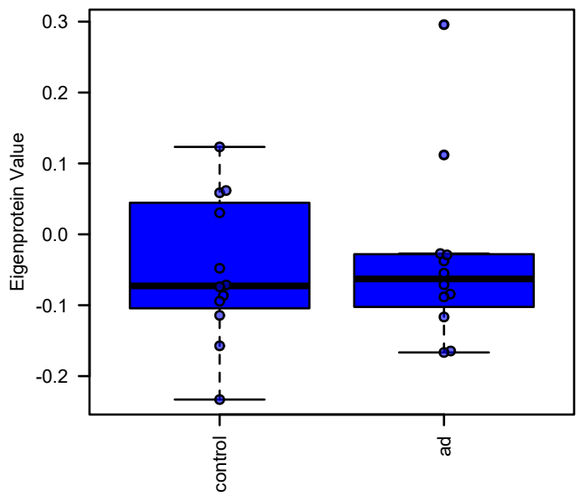
M9 magenta module

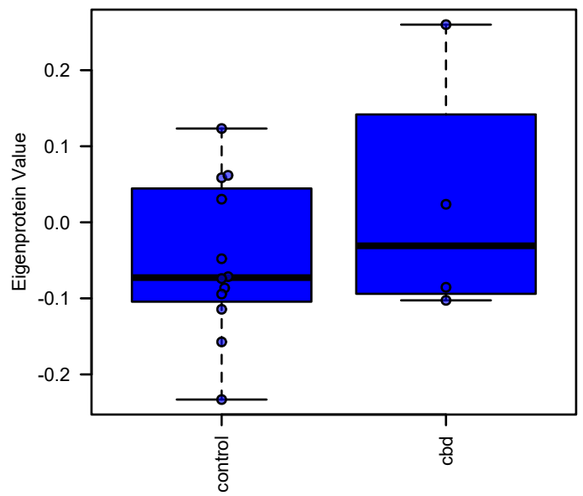


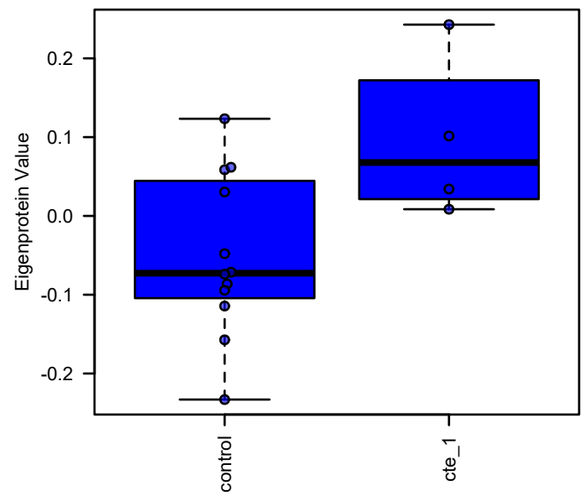
M9 magenta module hubs connected by top 150 TOM edges: HUB^{degree}

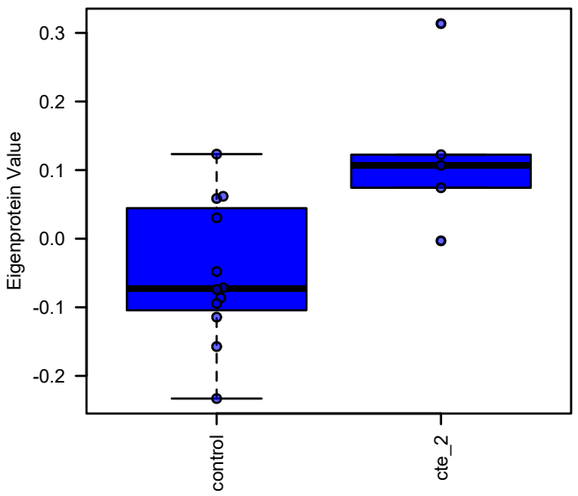


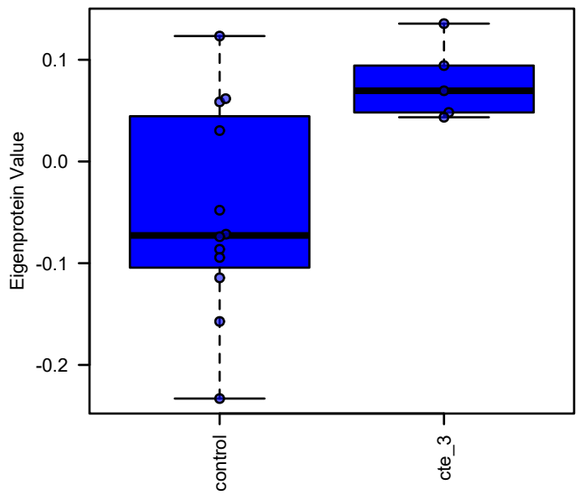

M2 blue
1-way AOV p = 0.019
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

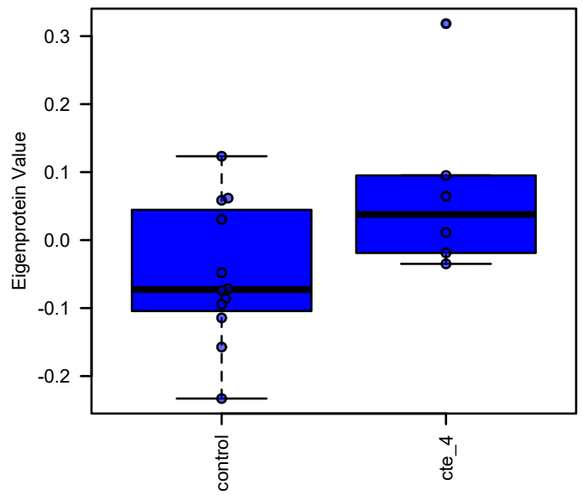

M2 blue
T-test p = 0.76
Eigenprotein Value
control
ad

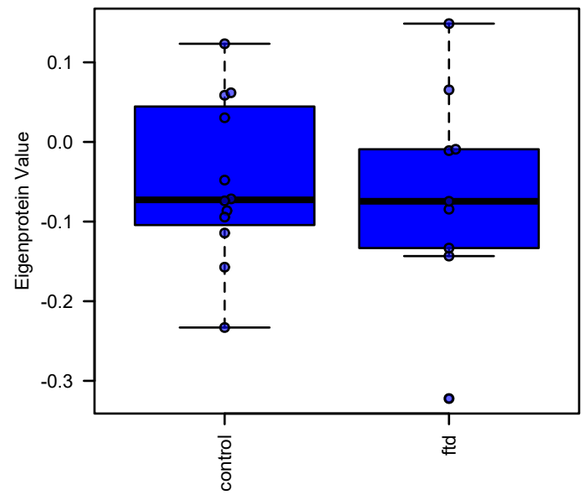

M2 blue
T-test p = 0.3
Eigenprotein Value
control
cbd

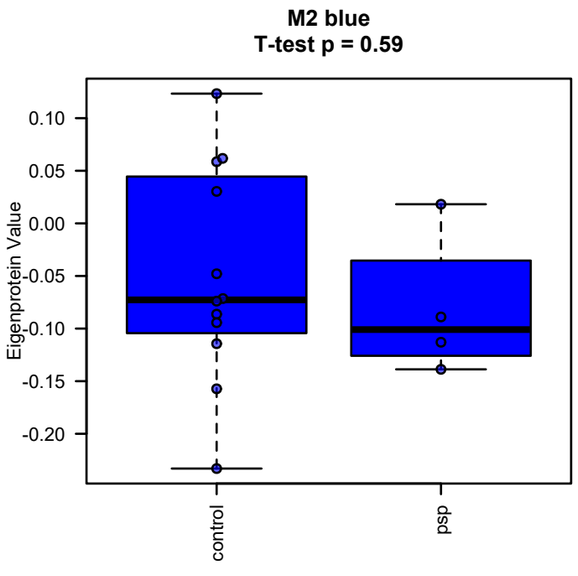

M2 blue
T-test p = 0.026
Eigenprotein Value
control
cte_1

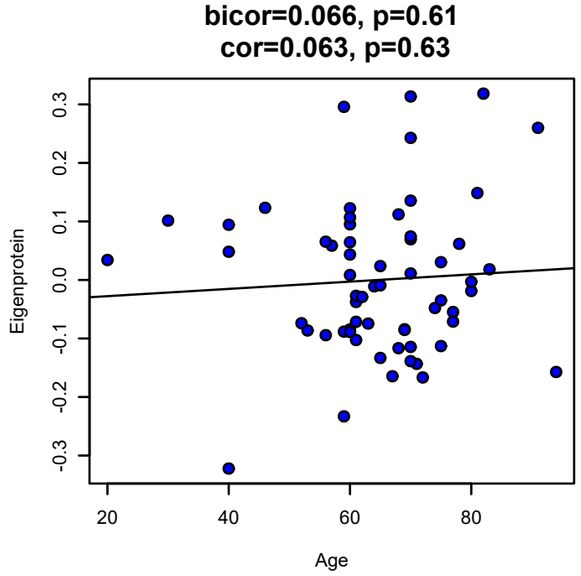

M2 blue
T-test p = 0.0079
Eigenprotein Value
control
cte_2

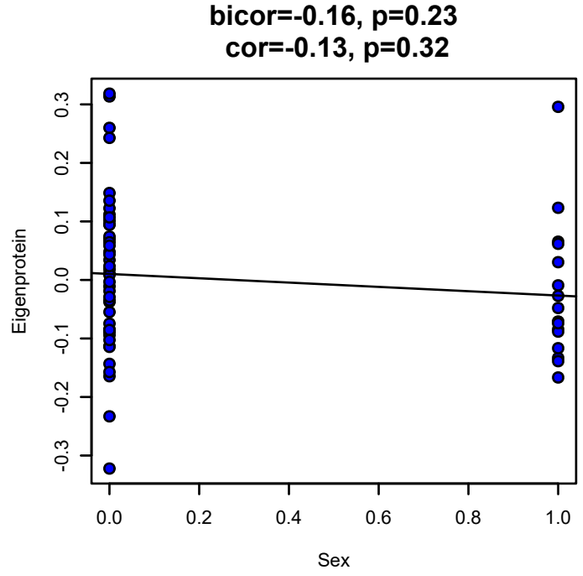

M2 blue
T-test p = 0.016
Eigenprotein Value
control
cte_3

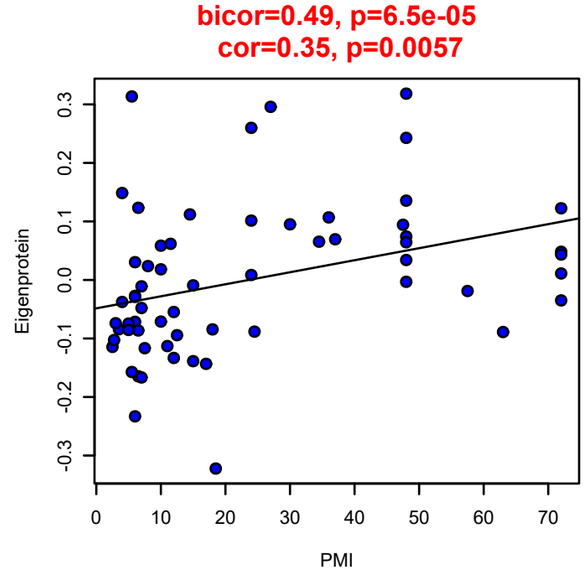

M2 blue
T-test p = 0.042
Eigenprotein Value
control
cte_4


M2 blue
T-test p = 0.81
Eigenprotein Value
control
ftd

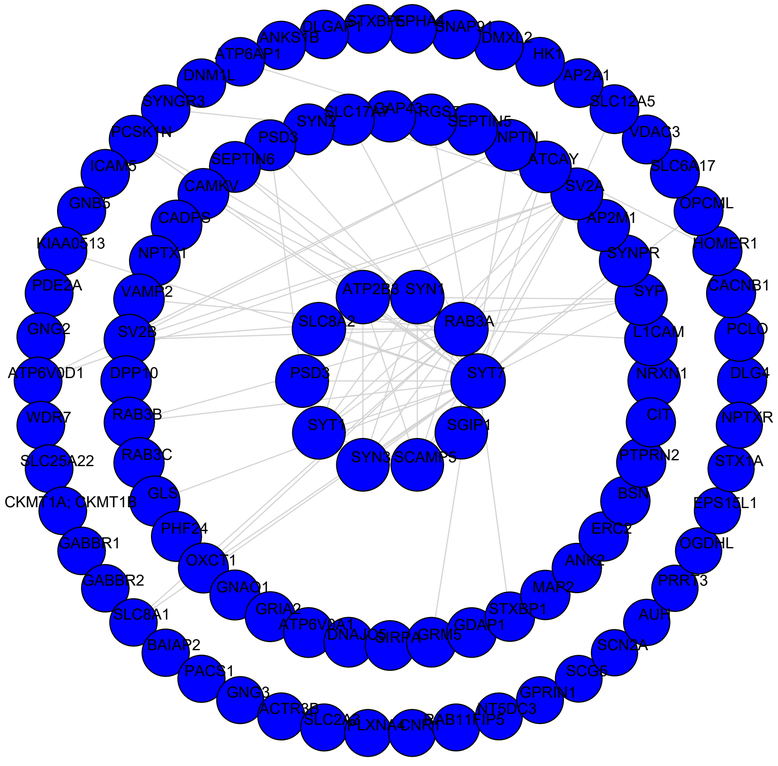

M2 blue
T-test p = 0.59
Eigenprotein Value
control
psp


bicor=0.066, p=0.61
cor=0.063, p=0.63
Eigenprotein
Age

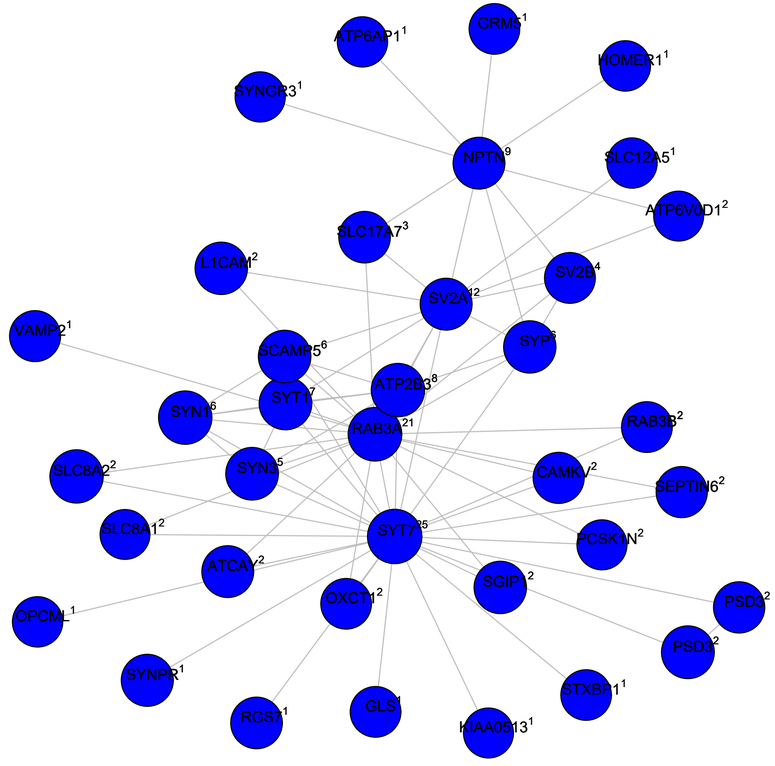

bicor=-0.16, p=0.23
cor=-0.13, p=0.32
Eigenprotein
Sex

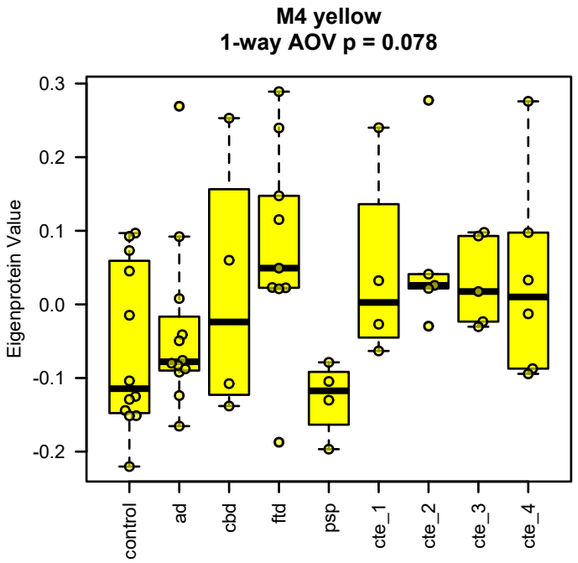

bicor=0.49, p=6.5e-05
cor=0.35, p=0.0057
Eigenprotein
PMI

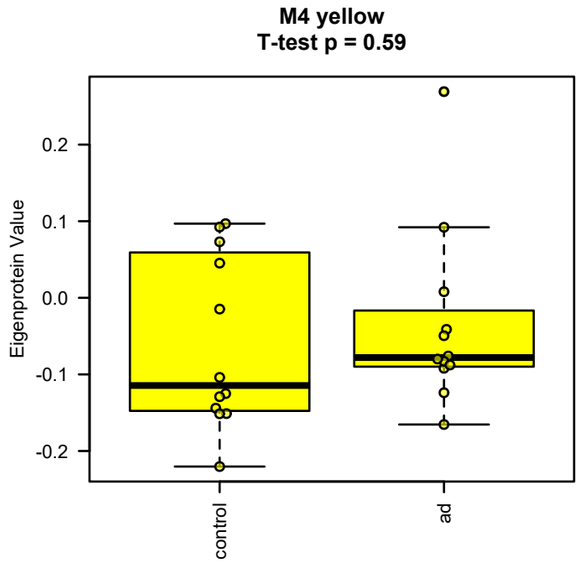
M2 blue module

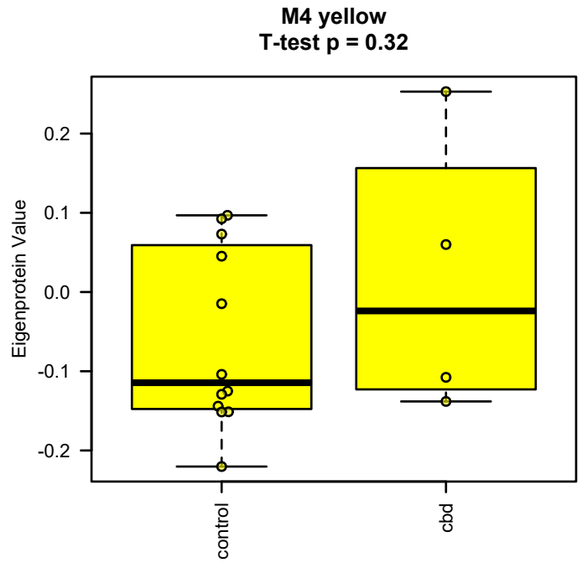


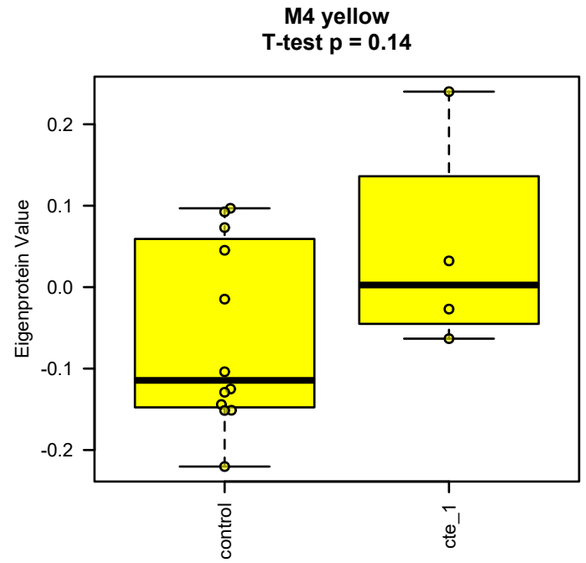
M2 blue module hubs connected by top 150 TOM edges: HUB^{degree}

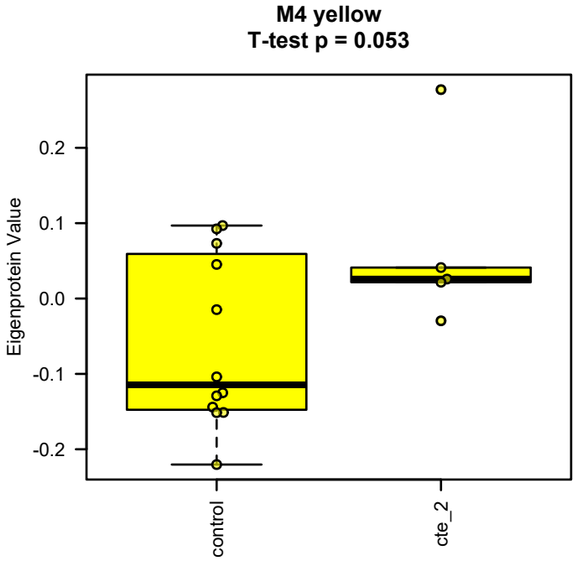


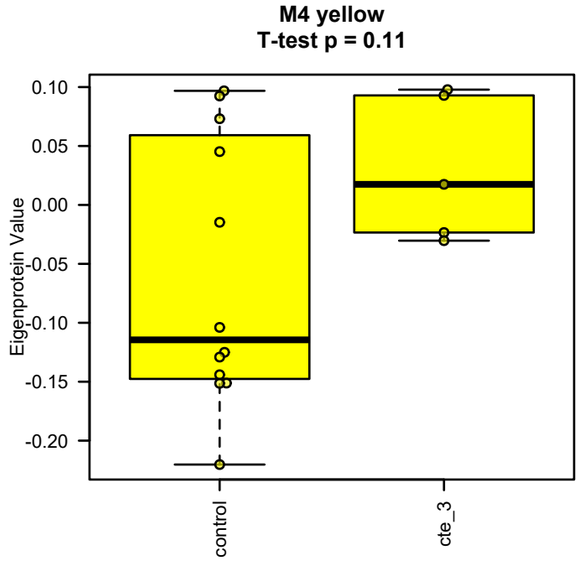

M4 yellow
1-way AOV p = 0.078
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

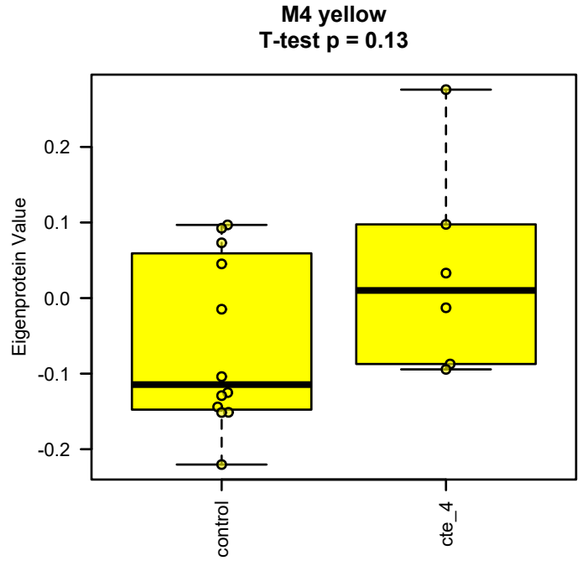

M4 yellow
T-test p = 0.59
Eigenprotein Value
control
ad

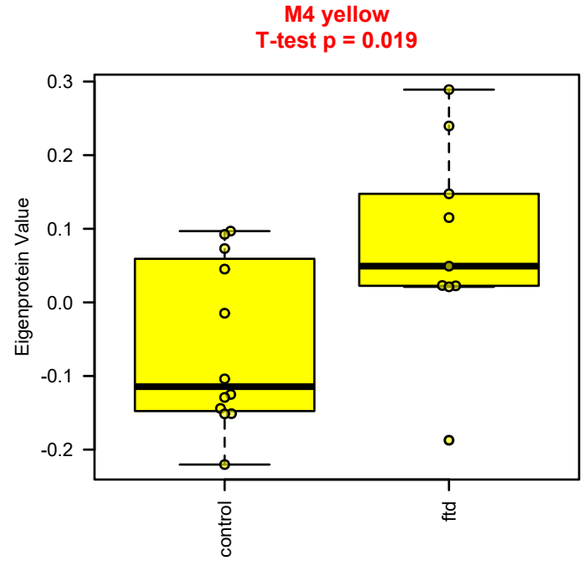

M4 yellow
T-test p = 0.32
Eigenprotein Value
control
cbd

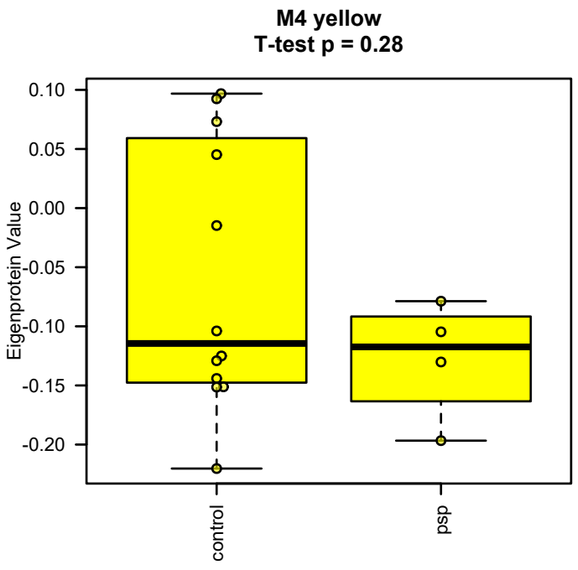

M4 yellow
T-test p = 0.14
Eigenprotein Value
control
cte_1

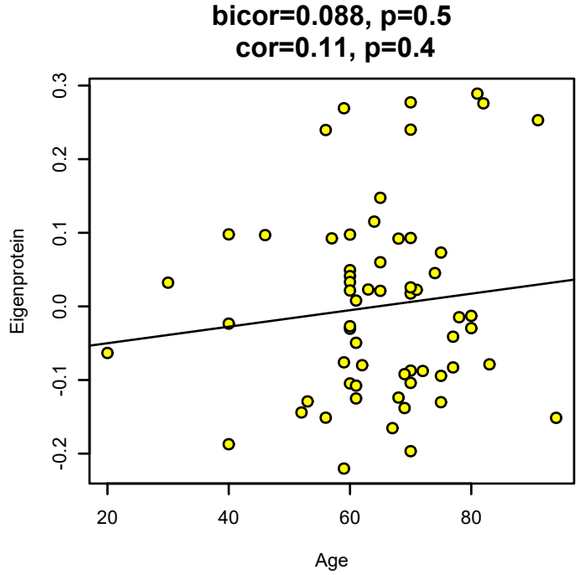

M4 yellow
T-test p = 0.053
Eigenprotein Value
control
cte_2

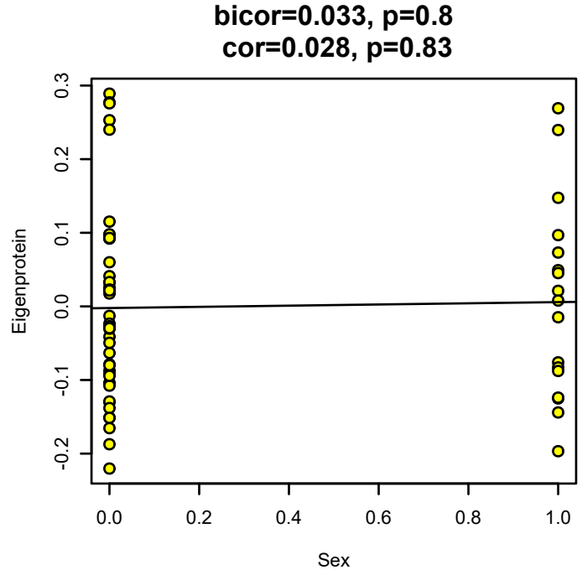

M4 yellow
T-test p = 0.11
Eigenprotein Value
control
cte_3

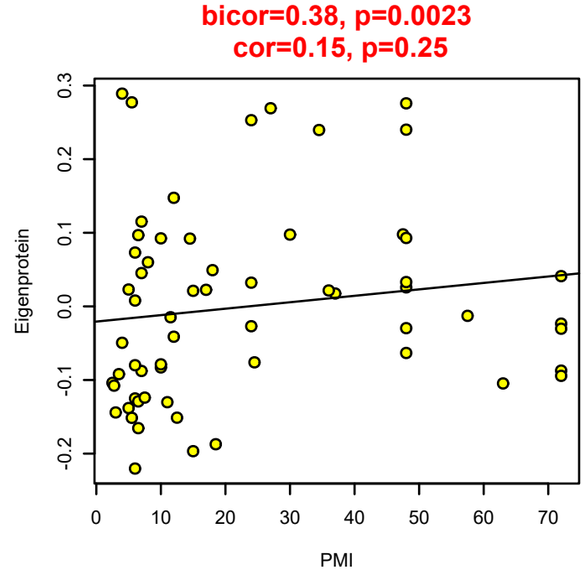

M4 yellow
T-test p = 0.13
Eigenprotein Value
control
cte_4


M4 yellow
T-test p = 0.019
Eigenprotein Value
control
ftd

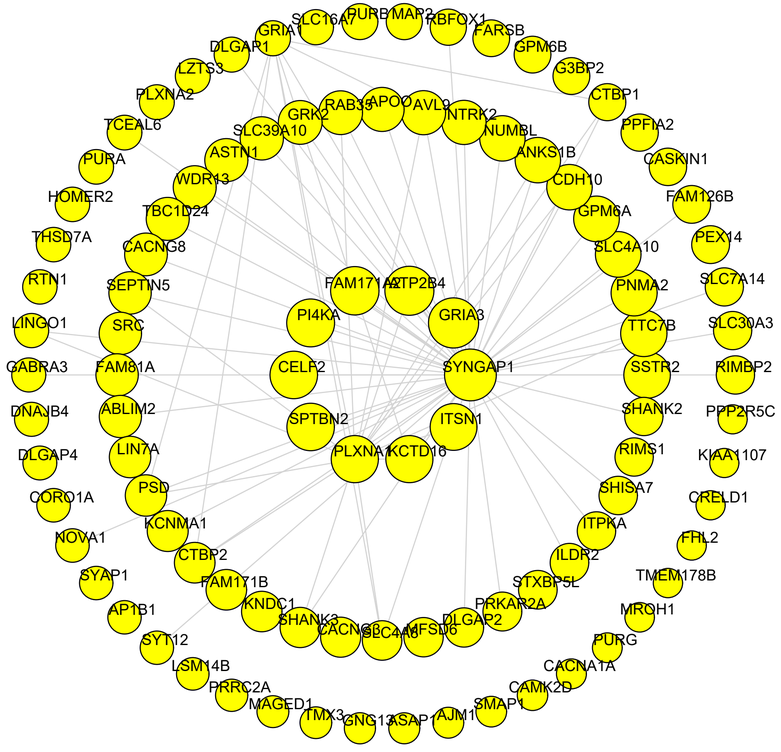

M4 yellow
T-test p = 0.28
Eigenprotein Value
control
psp


bicor=0.088, p=0.5
cor=0.11, p=0.4
Eigenprotein
Age

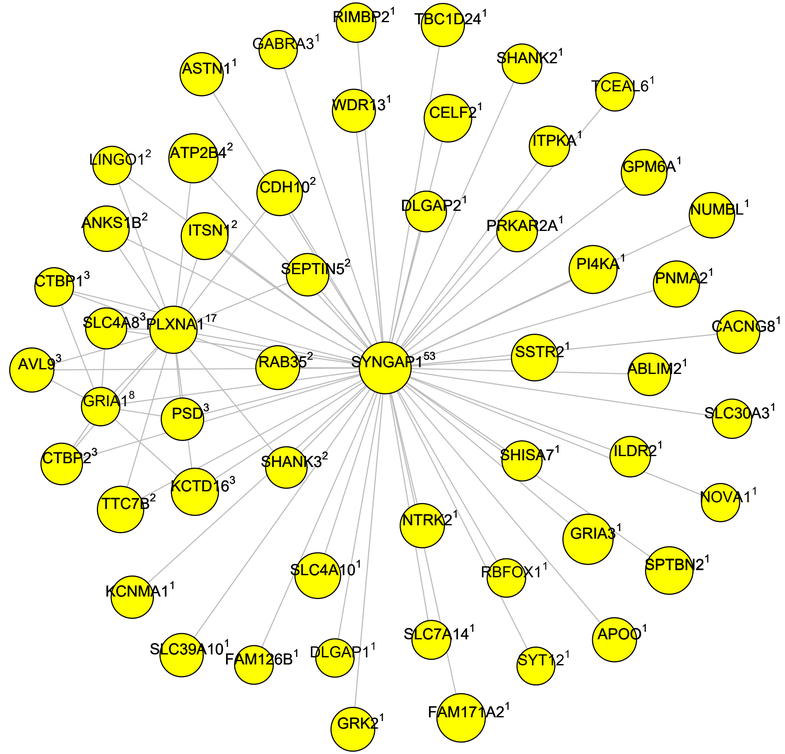

bicor=0.033, p=0.8
cor=0.028, p=0.83
Eigenprotein
Sex

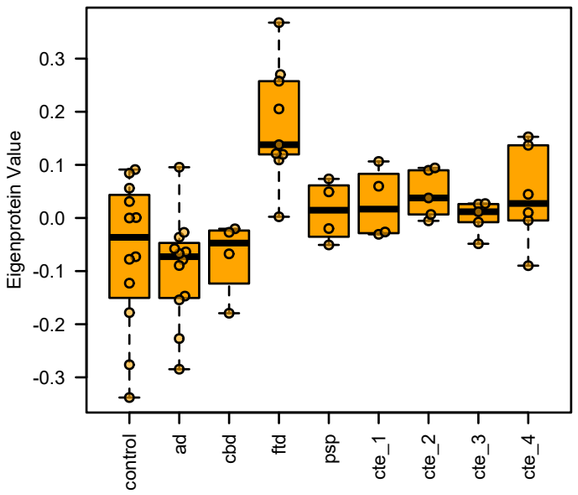

bicor=0.38, p=0.0023
cor=0.15, p=0.25
Eigenprotein
PMI

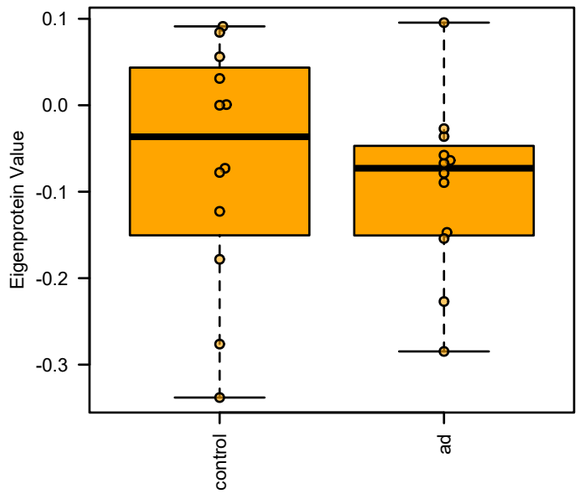
M4 yellow module

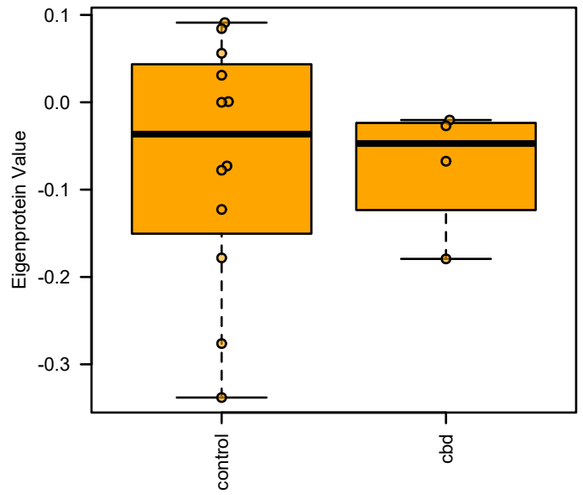


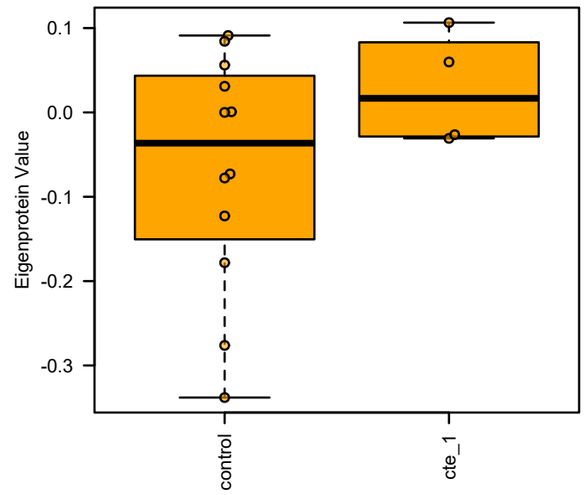
M4 yellow module hubs connected by top 150 TOM edges: HUB^{degree}

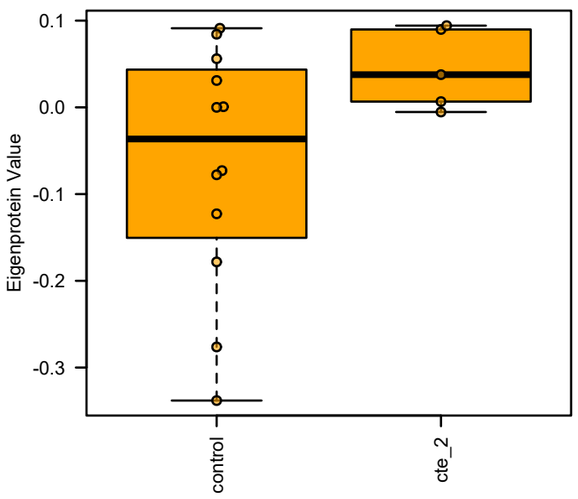


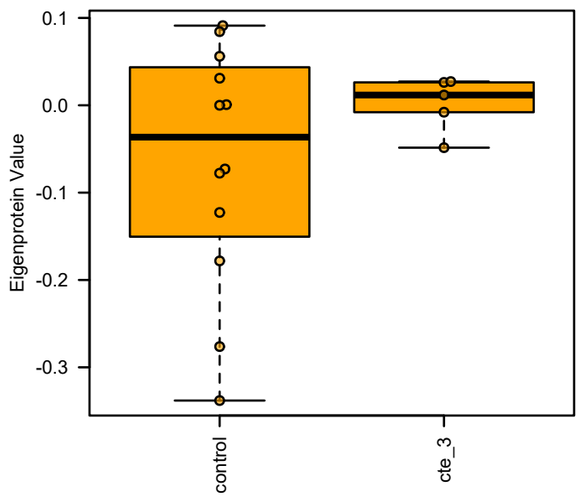

M25 orange
1-way AOV p = 1.3e-05
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

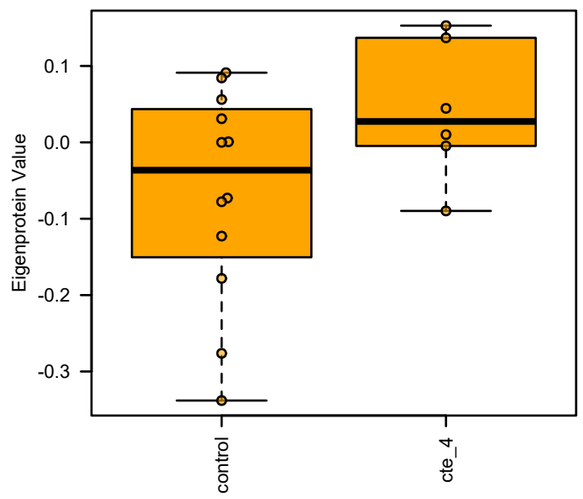

M25 orange
T-test p = 0.58
Eigenprotein Value
control
ad

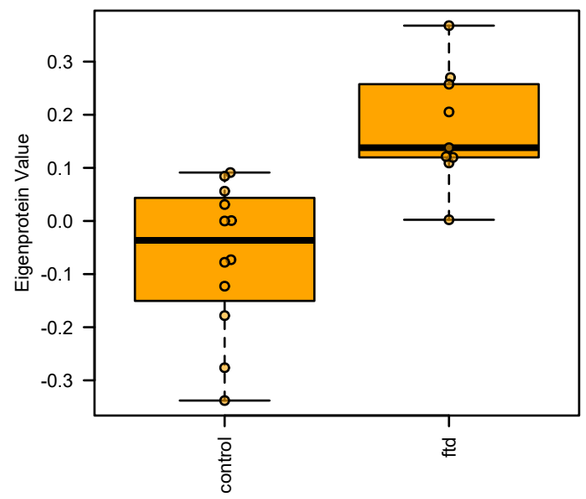

M25 orange
T-test p = 0.93
Eigenprotein Value
control
cbd

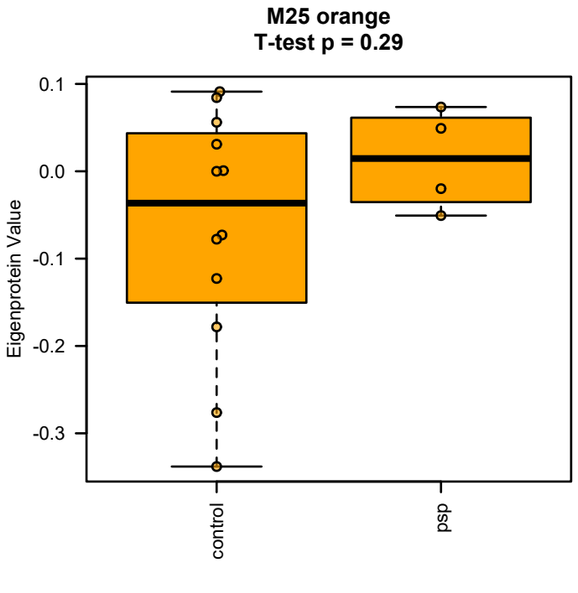

M25 orange
T-test p = 0.22
Eigenprotein Value
control
cte_1

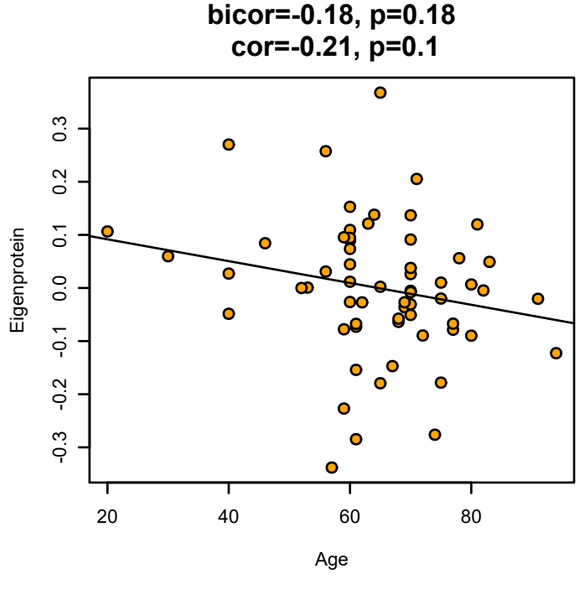

M25 orange
T-test p = 0.11
Eigenprotein Value
control
cte_2

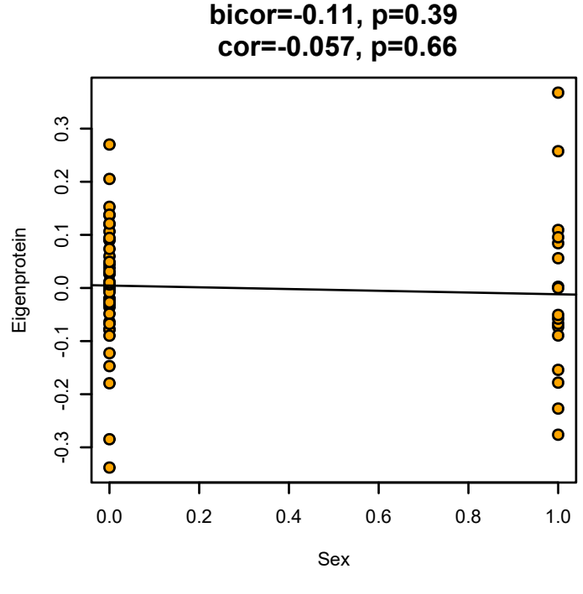

M25 orange
T-test p = 0.3
Eigenprotein Value
control
cte_3

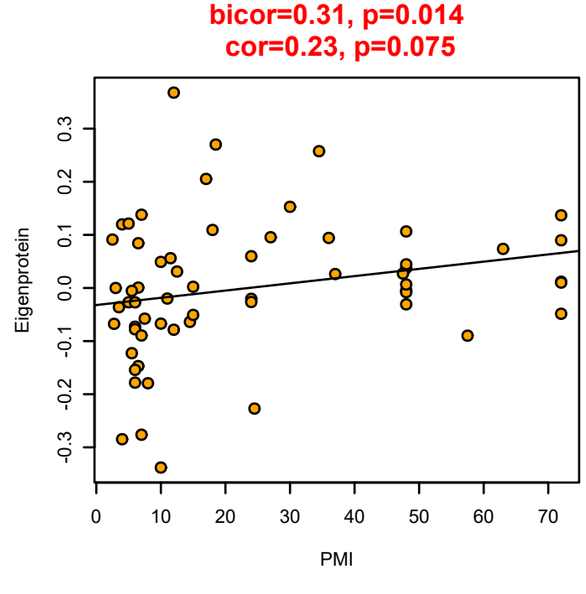

M25 orange
T-test p = 0.11
Eigenprotein Value
control
cte_4


M25 orange
T-test p = 0.00036
Eigenprotein Value
control
ftd

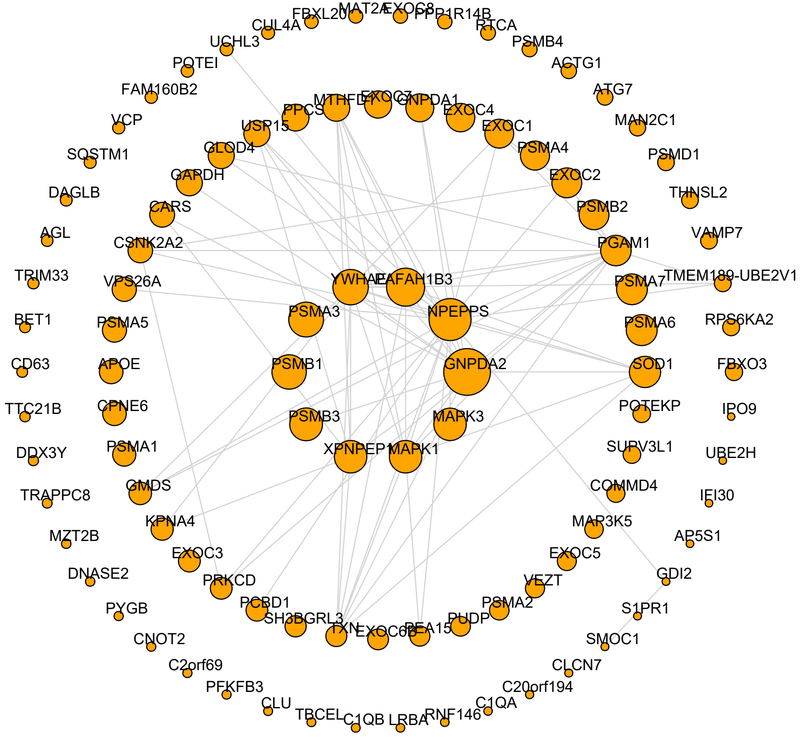

M25 orange
T-test p = 0.29
Eigenprotein Value
control
psp


bicor=-0.18, p=0.18
cor=-0.21, p=0.1
Eigenprotein
Age

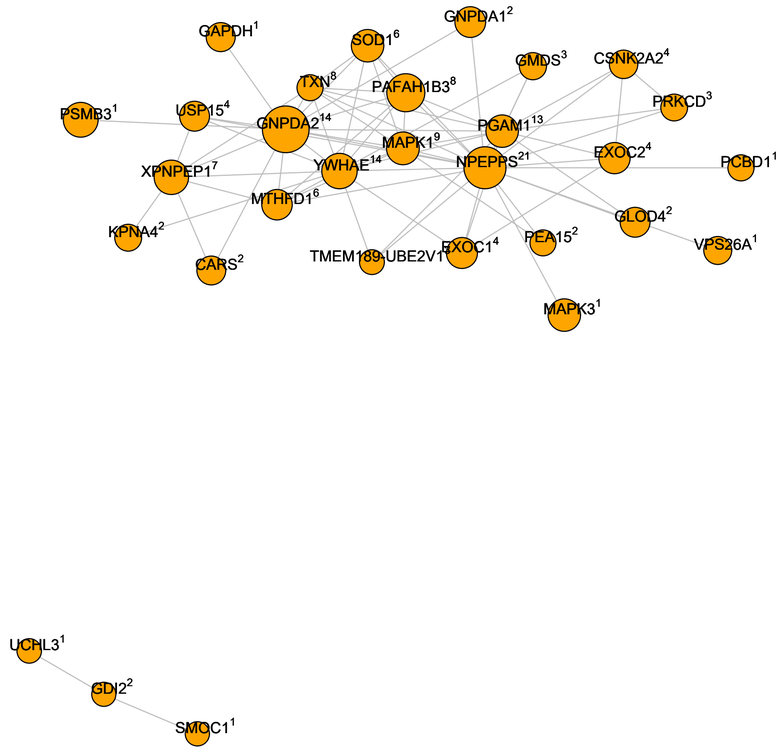

bicor=-0.11, p=0.39
cor=-0.057, p=0.66
Eigenprotein
Sex

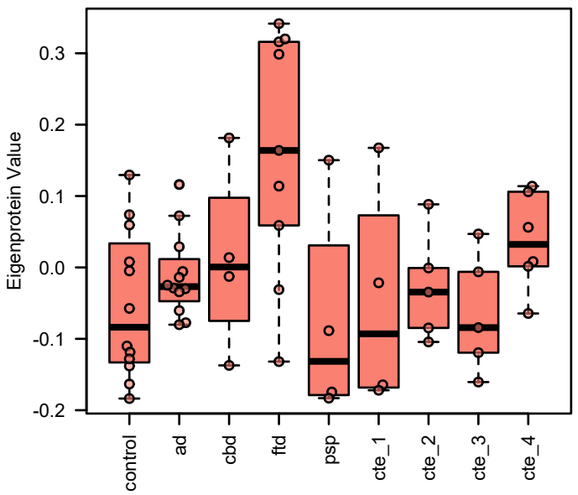

bicor=0.31, p=0.014
cor=0.23, p=0.075
Eigenprotein
PMI

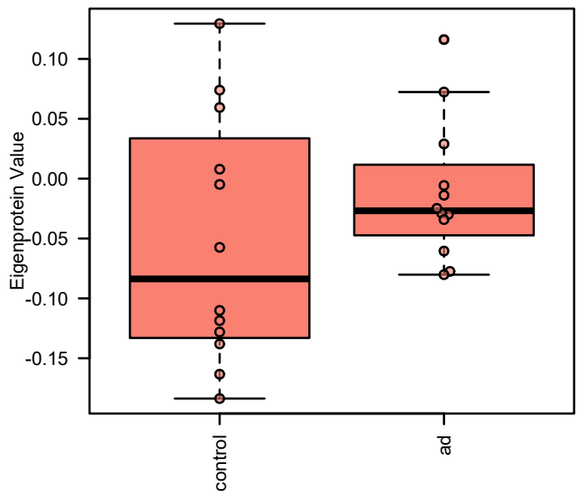
M25 orange module

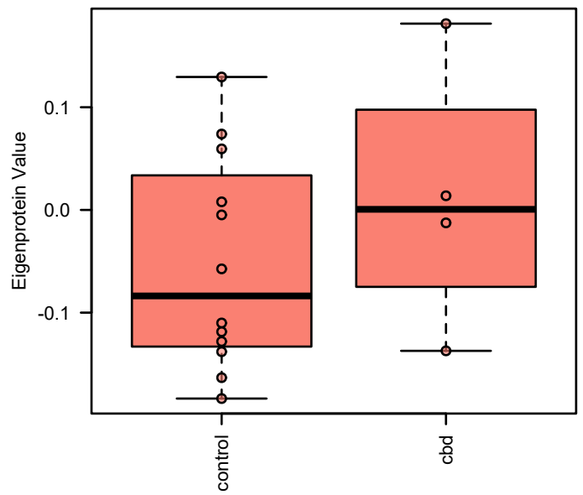


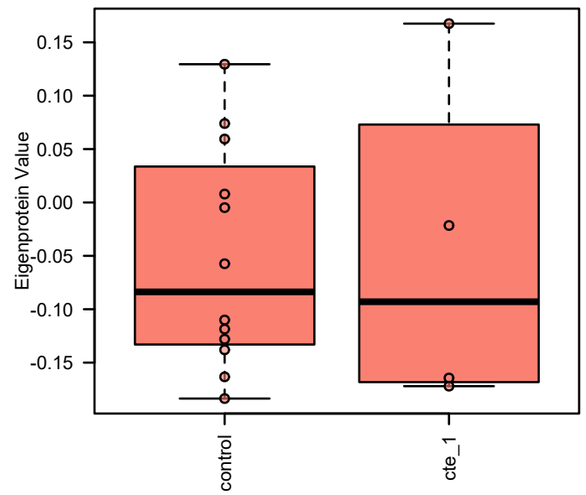
M25 orange module hubs connected by top 150 TOM edges: HUB^{degree}

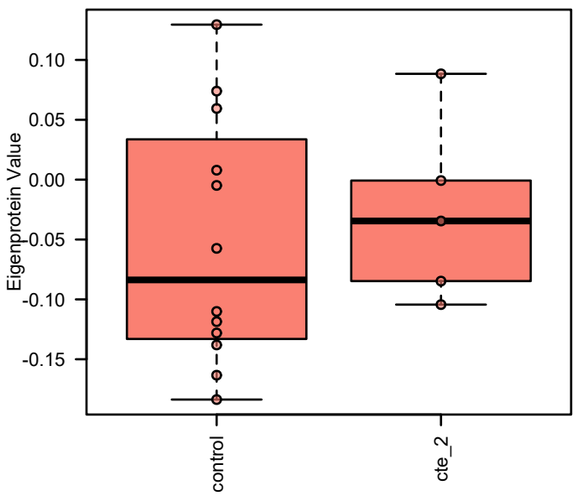


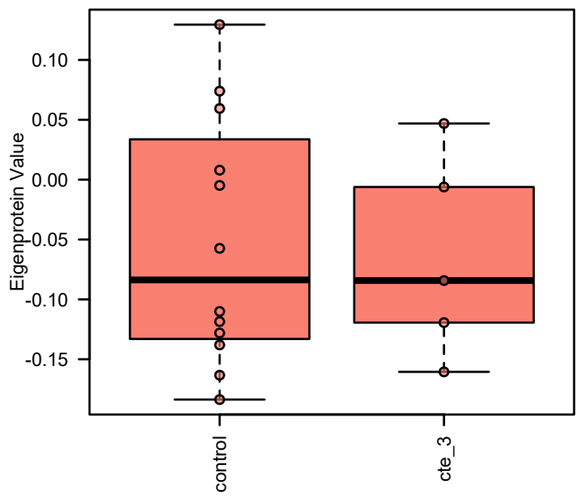

M13 salmon
1-way AOV p = 0.0046
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

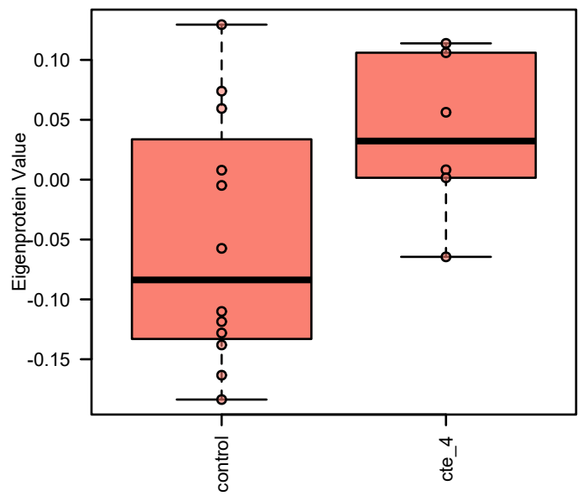

M13 salmon
T-test p = 0.24
Eigenprotein Value
control
ad

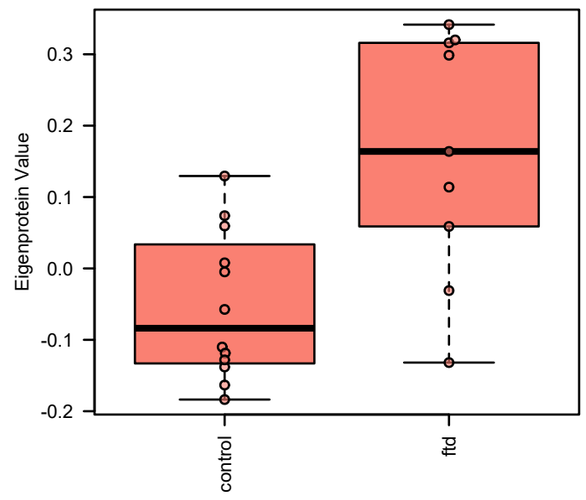

M13 salmon
T-test p = 0.33
Eigenprotein Value
control
cbd

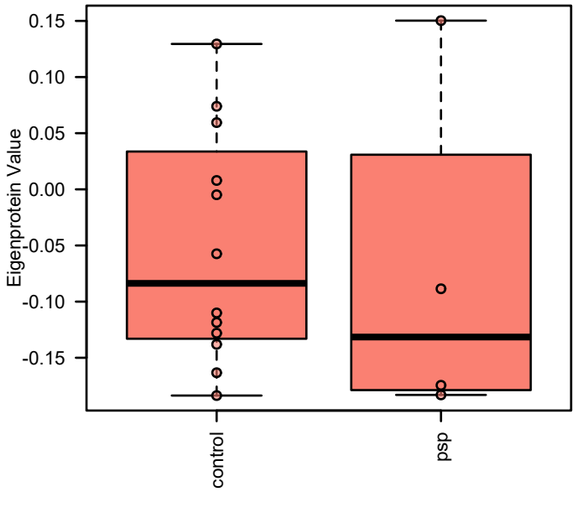

M13 salmon
T-test p = 0.94
Eigenprotein Value
control
cte_1

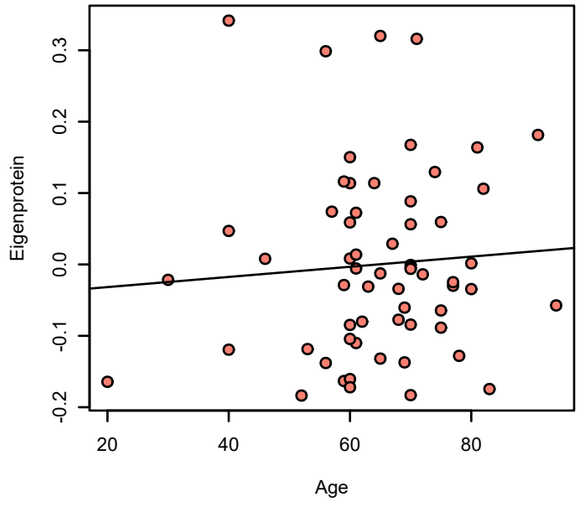

M13 salmon
T-test p = 0.63
Eigenprotein Value
control
cte_2

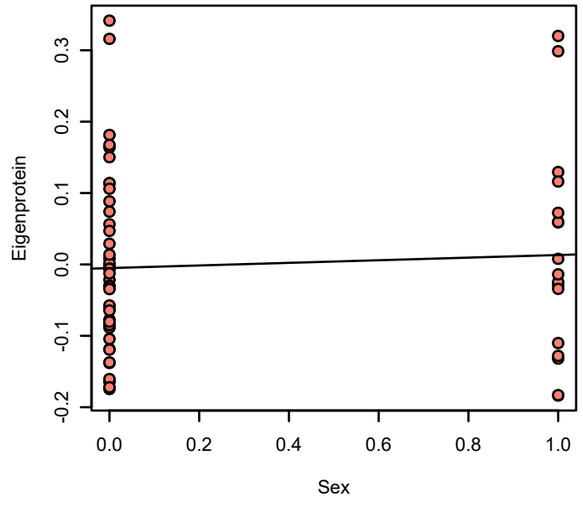

M13 salmon
T-test p = 0.82
Eigenprotein Value
control
cte_3

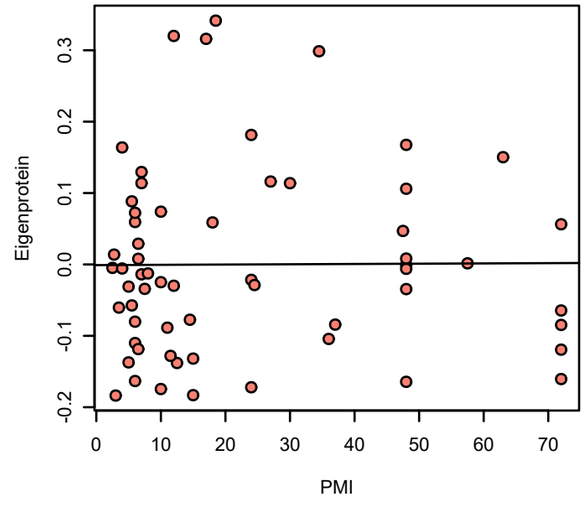

M13 salmon
T-test p = 0.074
Eigenprotein Value
control
cte_4


M13 salmon
T-test p = 0.0021
Eigenprotein Value
control
ftd

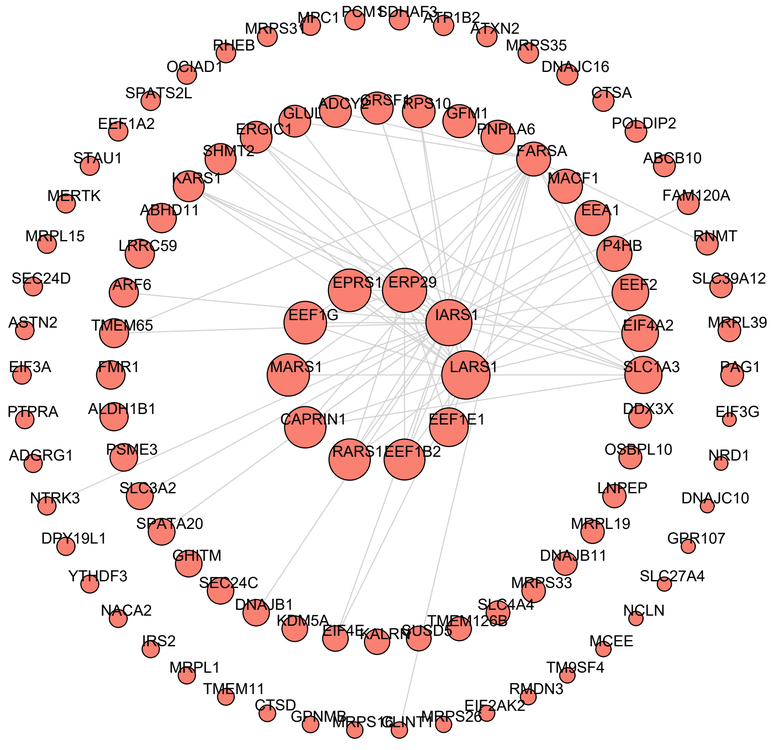

M13 salmon
T-test p = 0.76
Eigenprotein Value
control
psp


bicor=0.056, p=0.67
cor=0.073, p=0.58
Eigenprotein
Age

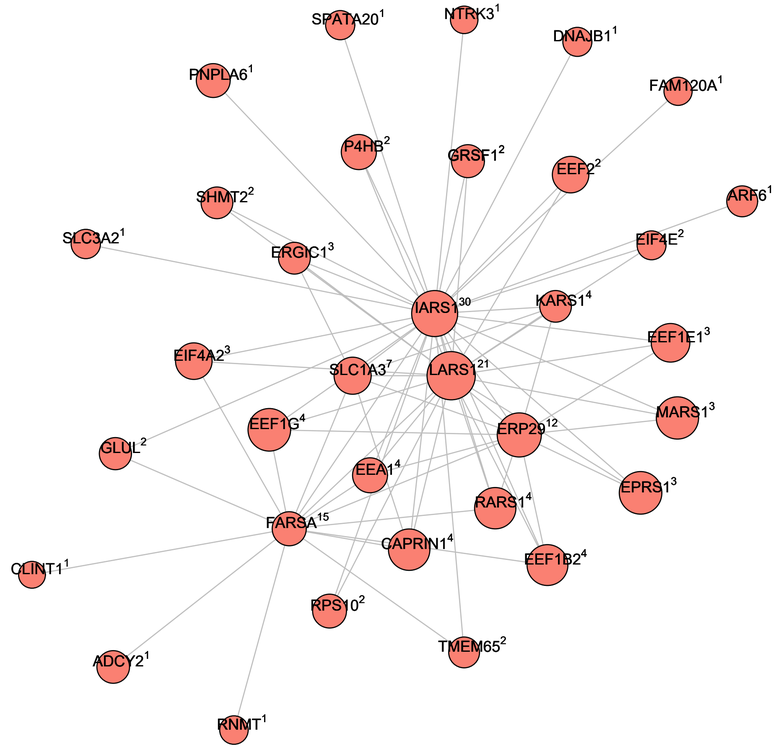

bicor=0.057, p=0.66
cor=0.064, p=0.62
Eigenprotein
Sex

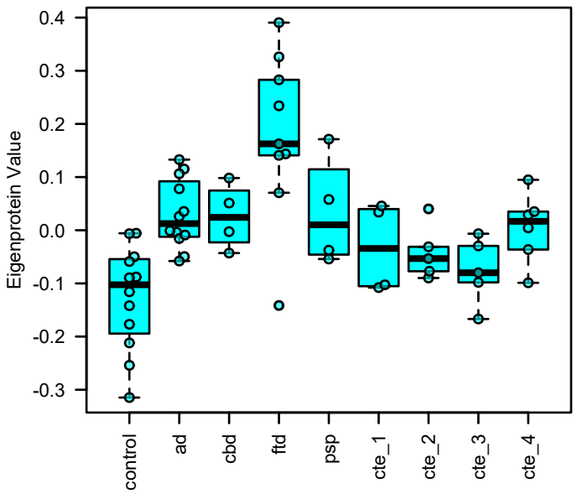

bicor=0.18, p=0.15
cor=0.0067, p=0.96
Eigenprotein
PMI

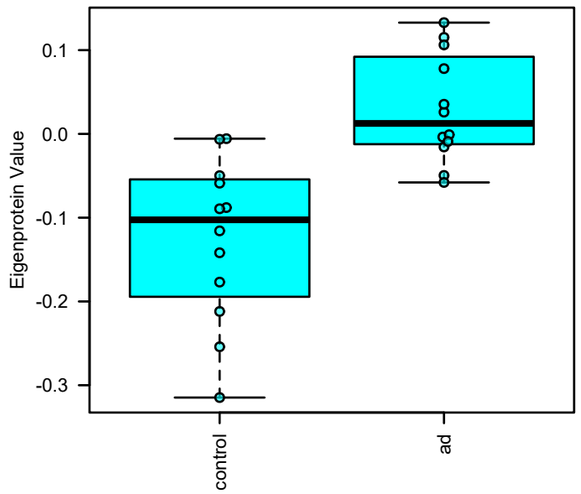
M13 salmon module

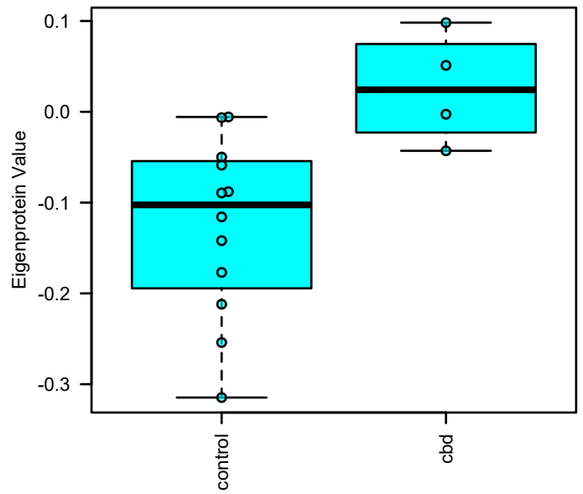


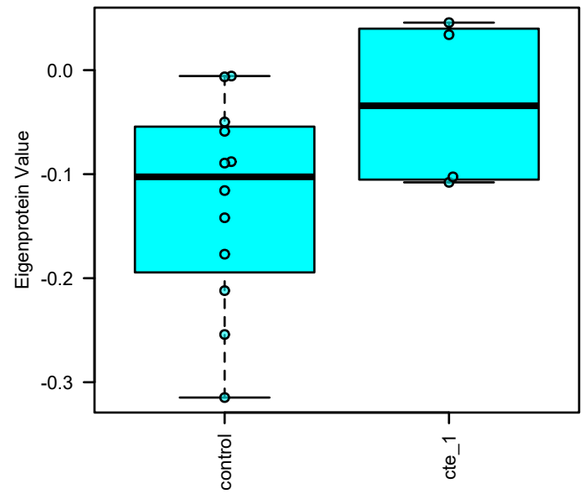
M13 salmon module hubs connected by top 150 TOM edges: HUB^{degree}

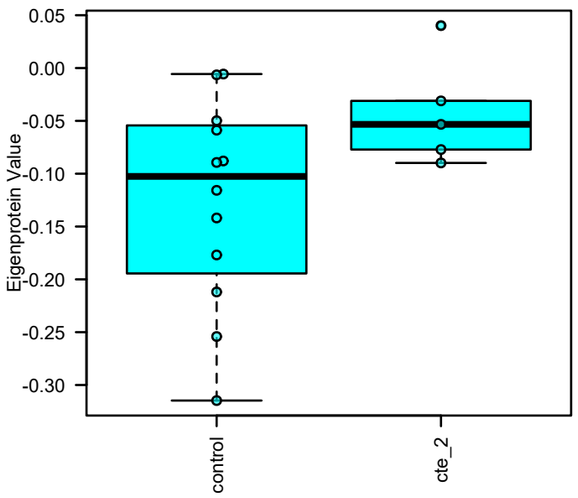


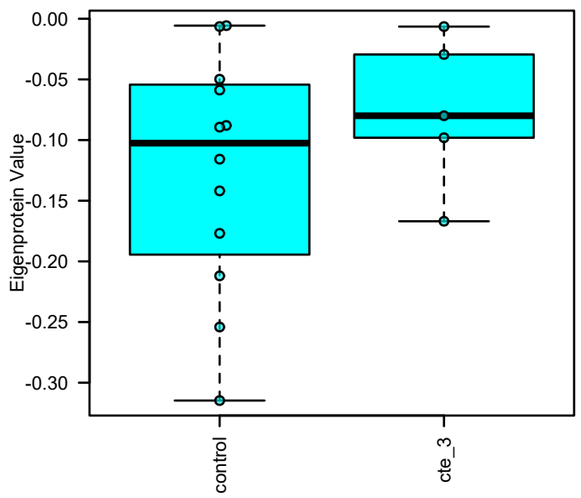

M14 cyan
1-way AOV p = 1.1e-06
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

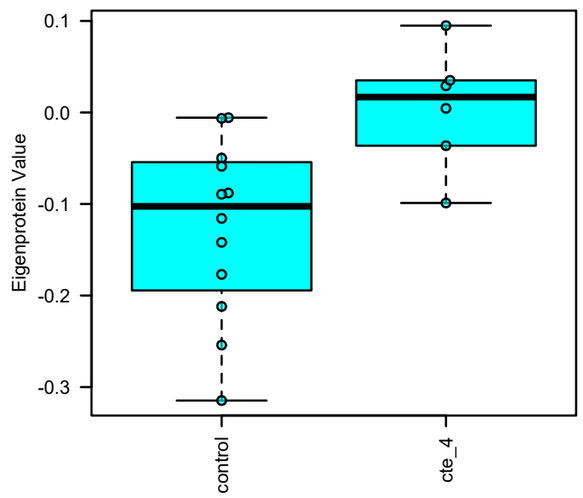

M14 cyan
T-test p = 0.00013
Eigenprotein Value
control
ad

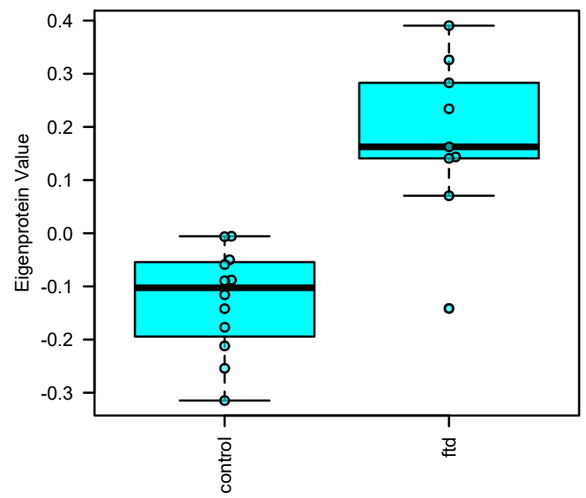

M14 cyan
T-test p = 0.012
Eigenprotein Value
control
cbd

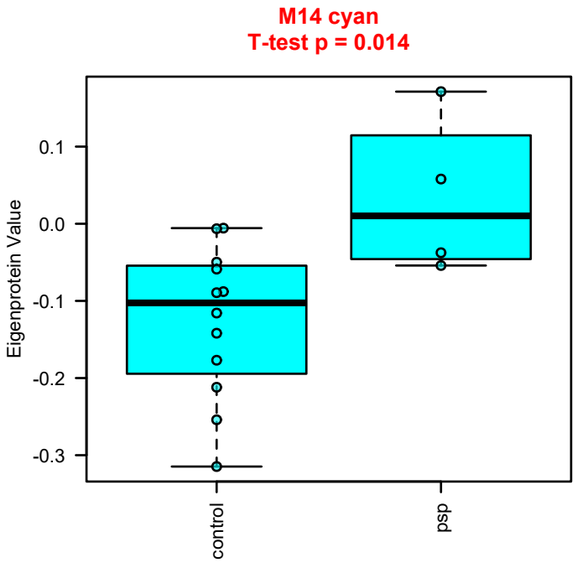

M14 cyan
T-test p = 0.11
Eigenprotein Value
control
cte_1

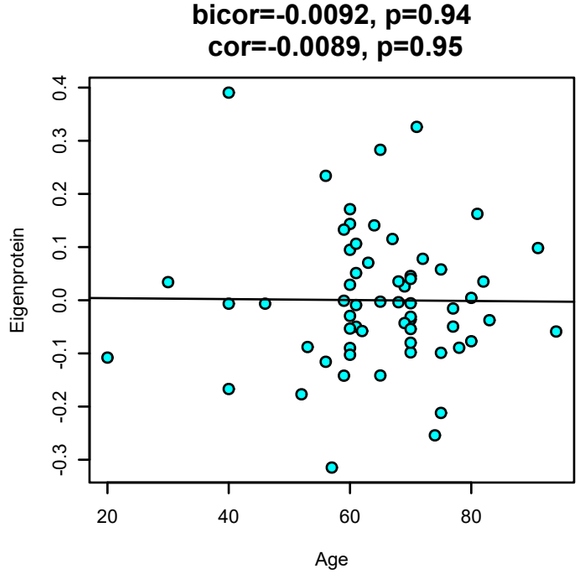

M14 cyan
T-test p = 0.092
Eigenprotein Value
control
cte_2

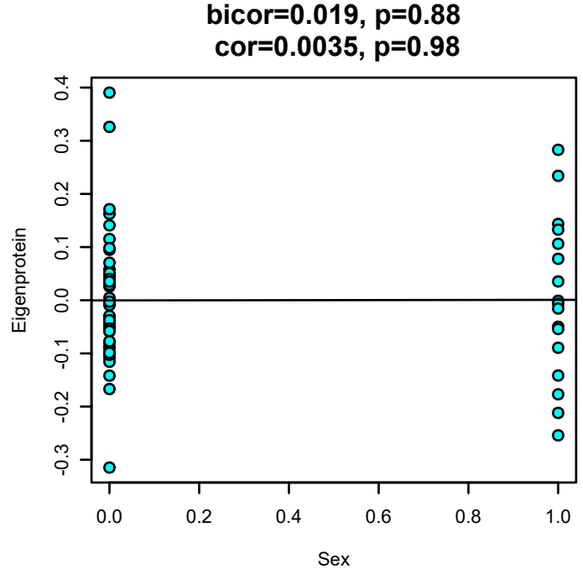

M14 cyan
T-test p = 0.31
Eigenprotein Value
control
cte_3

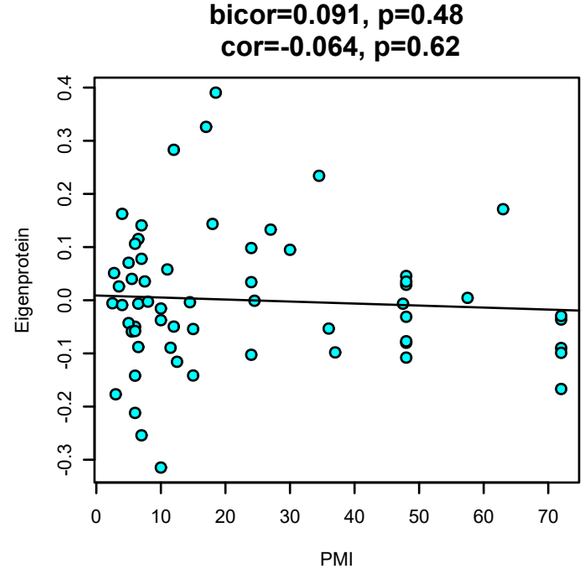

M14 cyan
T-test p = 0.0095
Eigenprotein Value
control
cte_4


M14 cyan
T-test p = 2.7e-05
Eigenprotein Value
control
ftd

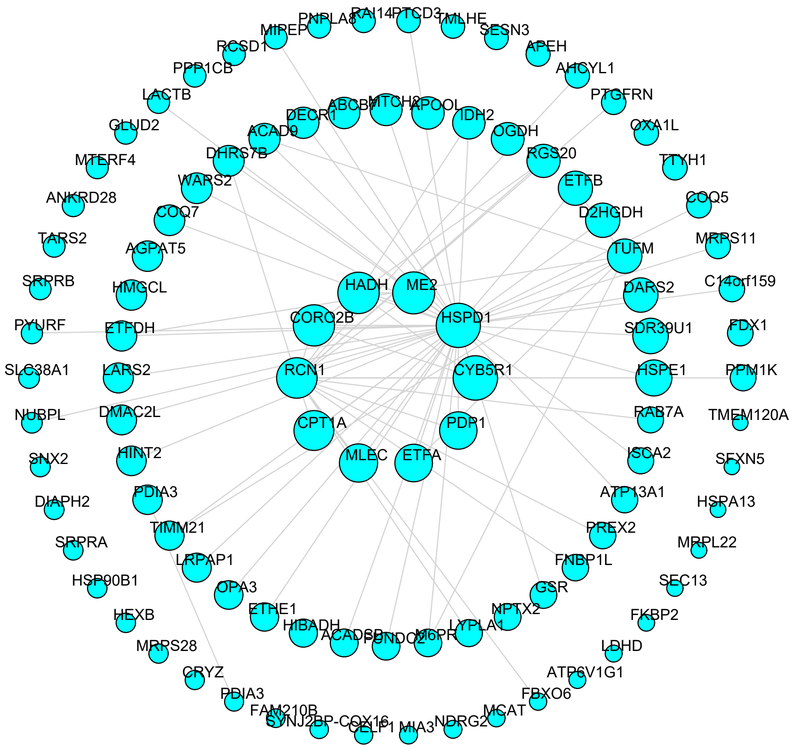

M14 cyan
T-test p = 0.014
Eigenprotein Value
control
psp


bicor=-0.0092, p=0.94
cor=-0.0089, p=0.95
Eigenprotein
Age

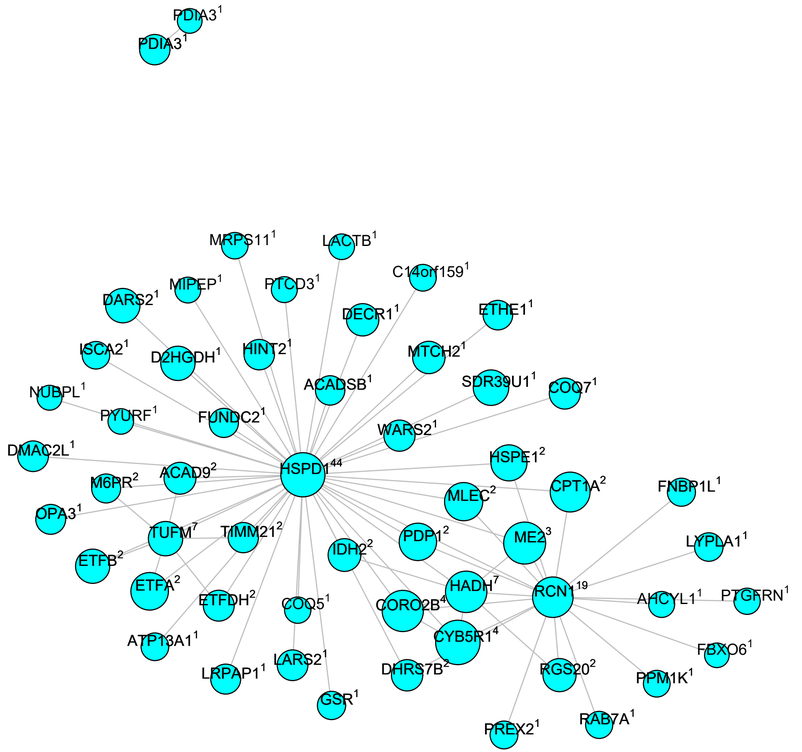

bicor=0.019, p=0.88
cor=0.0035, p=0.98
Eigenprotein
Sex

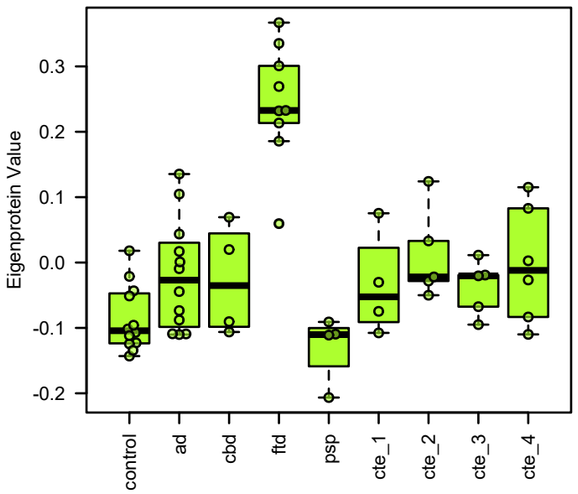

bicor=0.091, p=0.48
cor=-0.064, p=0.62
Eigenprotein
PMI

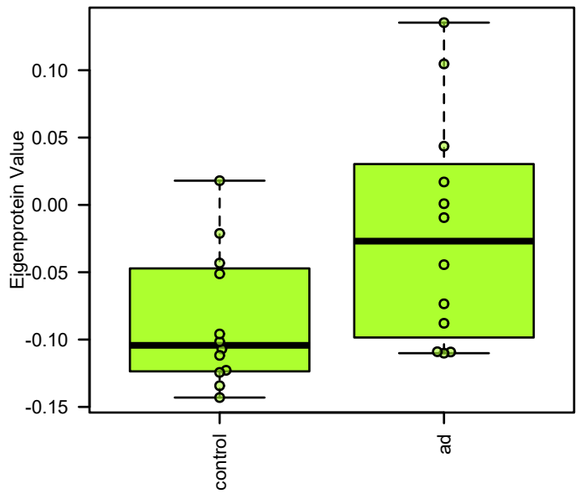
M14 cyan module

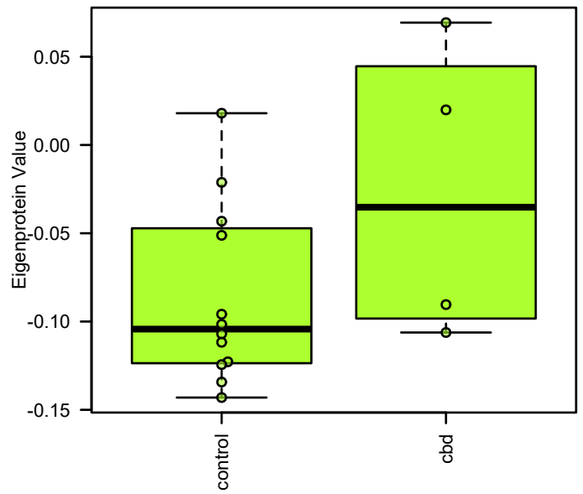


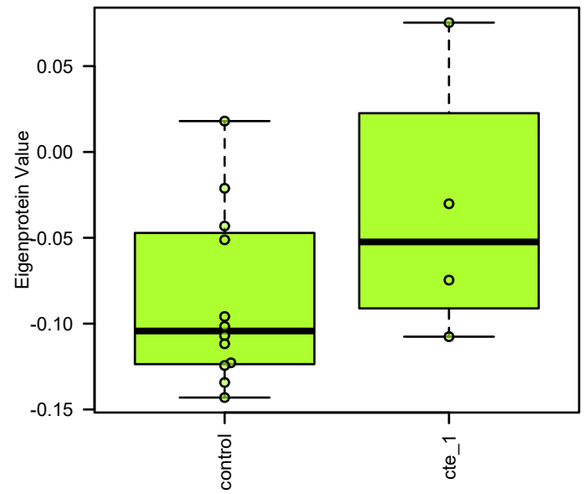
M14 cyan module hubs connected by top 150 TOM edges: HUB^{degree}

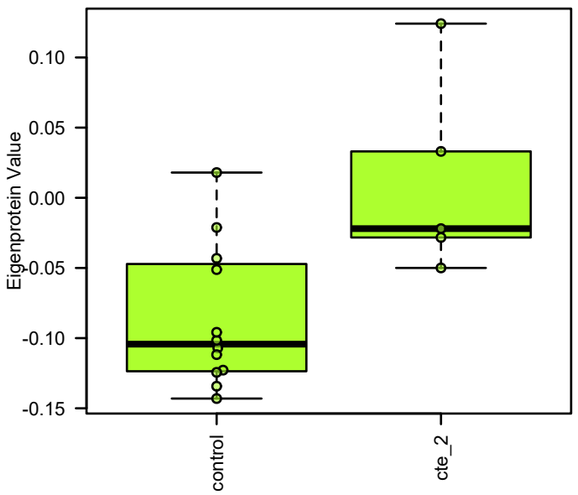


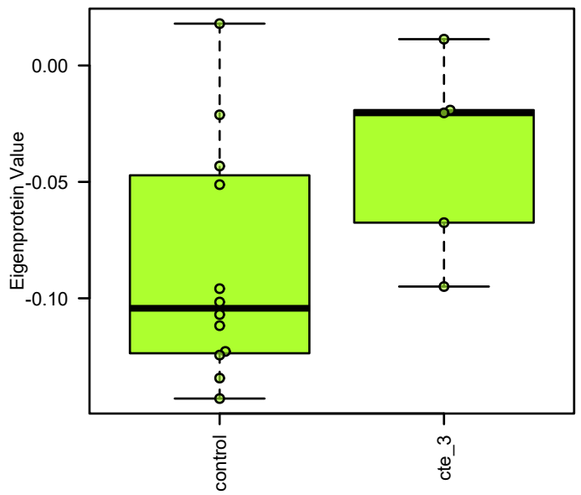

M11 greenyellow
1-way AOV p = 1.1e-11
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

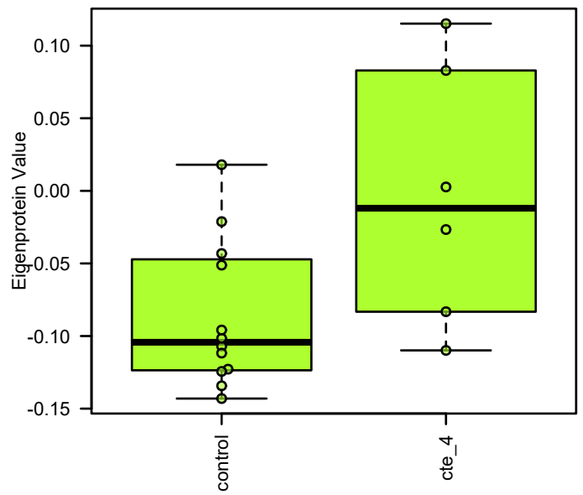

M11 greenyellow
T-test p = 0.028
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

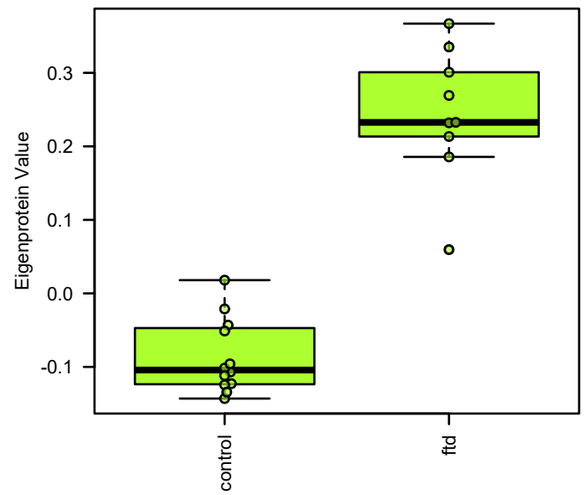

M11 greenyellow
T-test p = 0.1
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

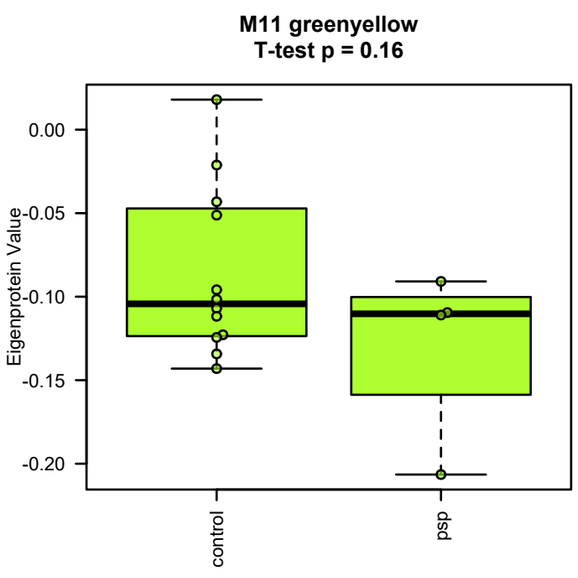

M11 greenyellow
T-test p = 0.14
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

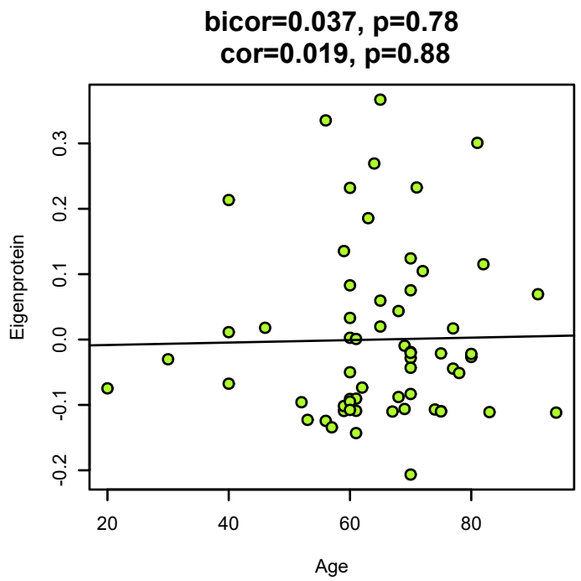

M11 greenyellow
T-test p = 0.0052
genprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

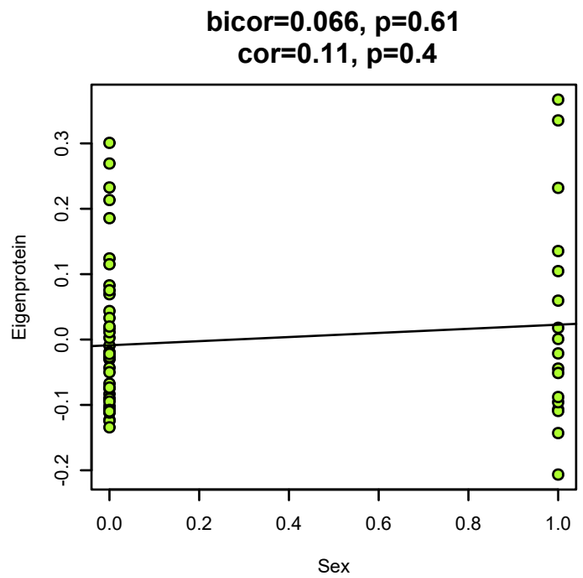

M11 greenyellow
T-test p = 0.08
genprotein Value
0.00
-0.05
-0.10
control
cte_3

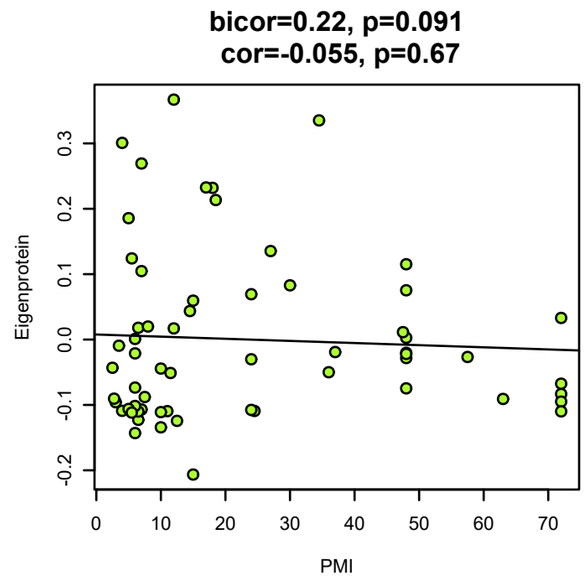

M11 greenyellow
T-test p = 0.021
genprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4


M11 greenyellow
T-test p = 1.9e-09
genprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

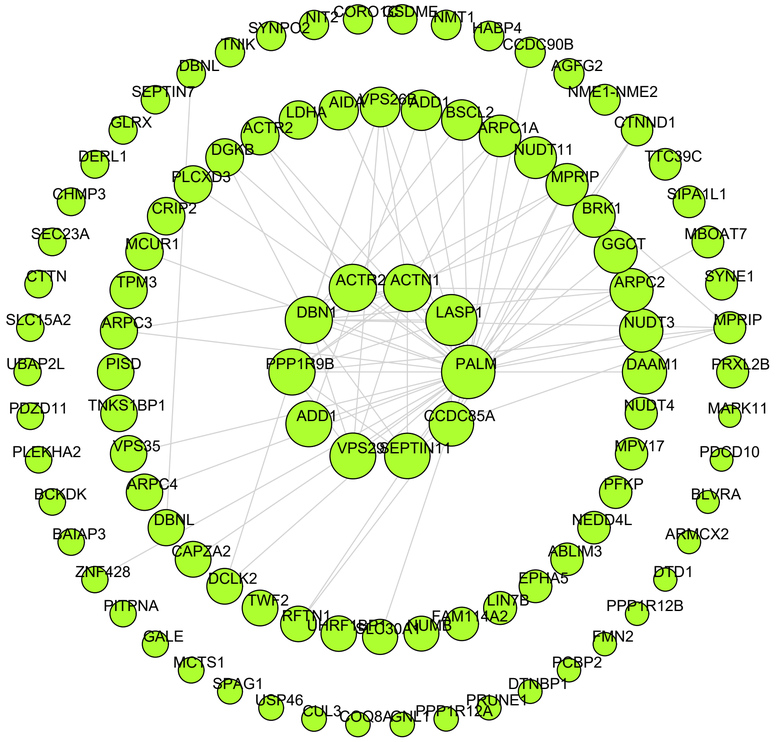

M11 greenyellow
T-test p = 0.16
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
-0.20
control
psp


bicor=0.037, p=0.78
cor=0.019, p=0.88
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

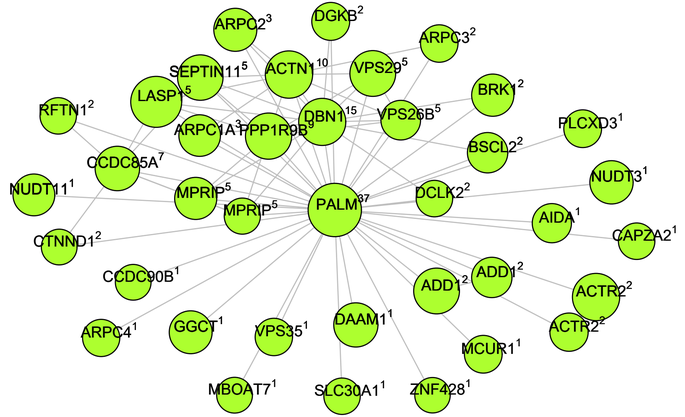

bicor=0.066, p=0.61
cor=0.11, p=0.4
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

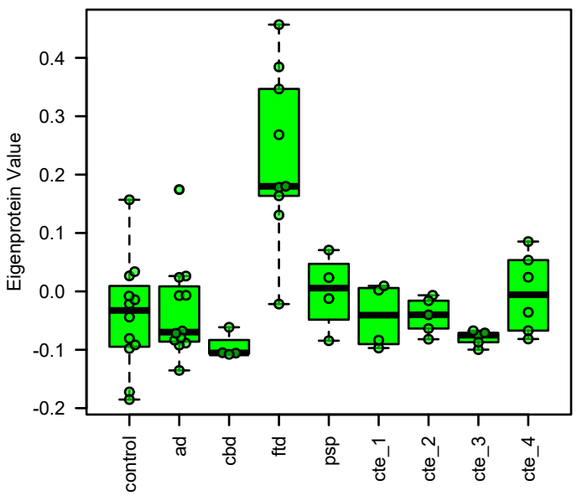

bicor=0.22, p=0.091
cor=-0.055, p=0.67
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

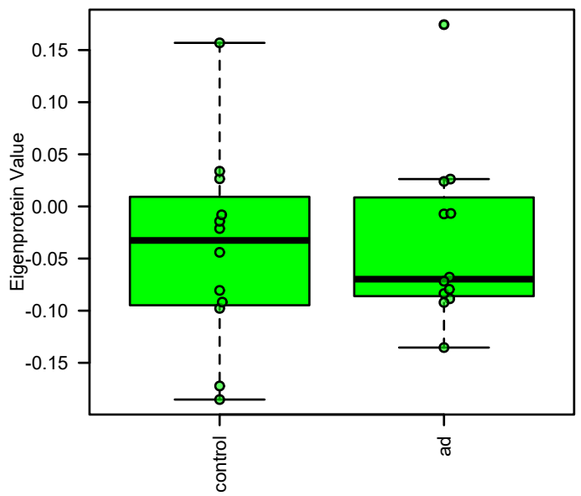
M11 greenyellow module

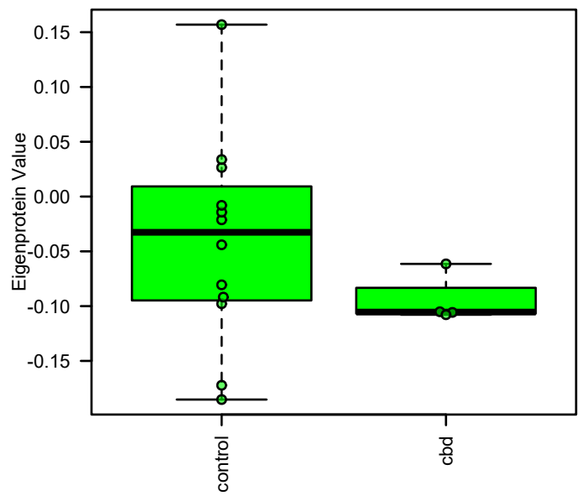


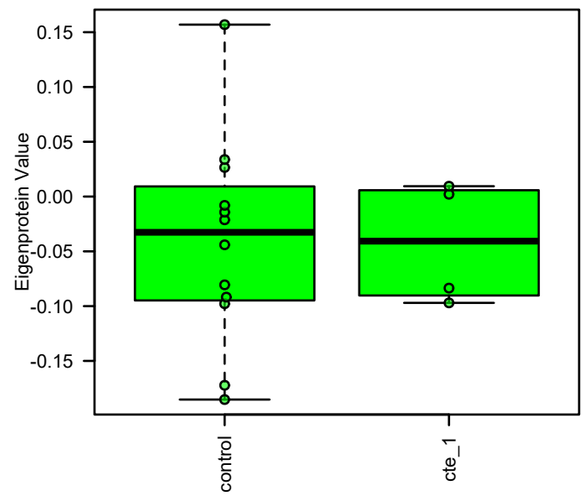
M11 greenyellow module hubs connected by top 152 TOM edges: HUB^{degree}

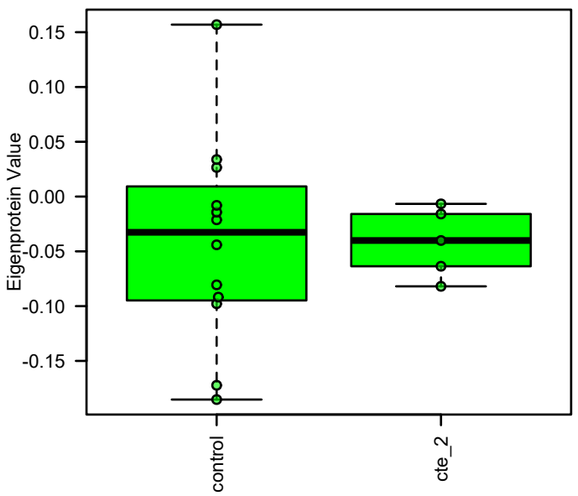


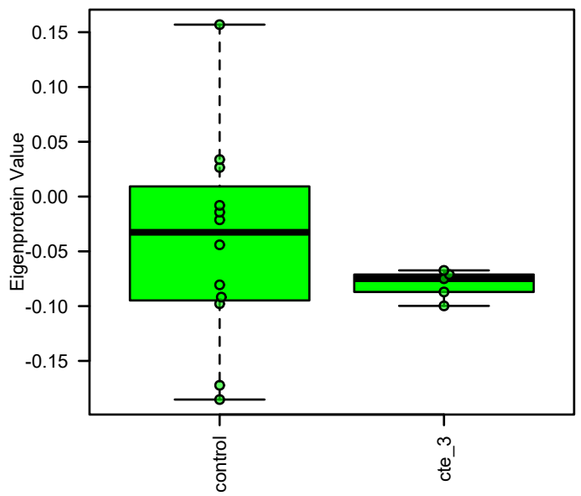

M5 green
1-way AOV p = 3.2e-08
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

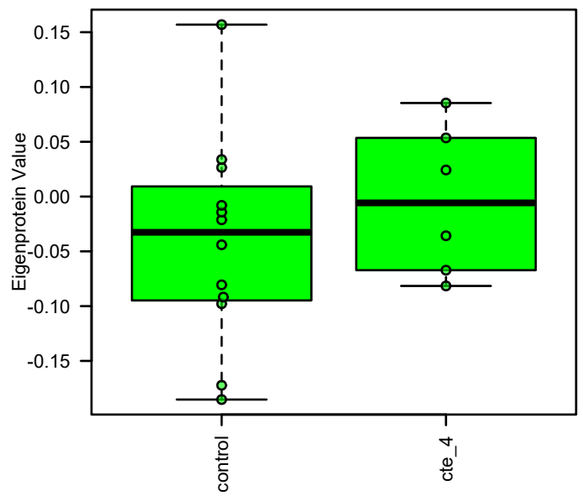

M5 green
T-test p = 0.84
Eigenprotein Value
control
ad

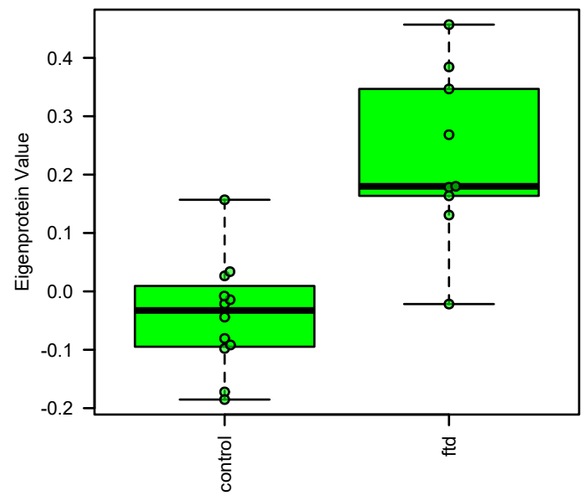

M5 green
T-test p = 0.29
Eigenprotein Value
control
cbd

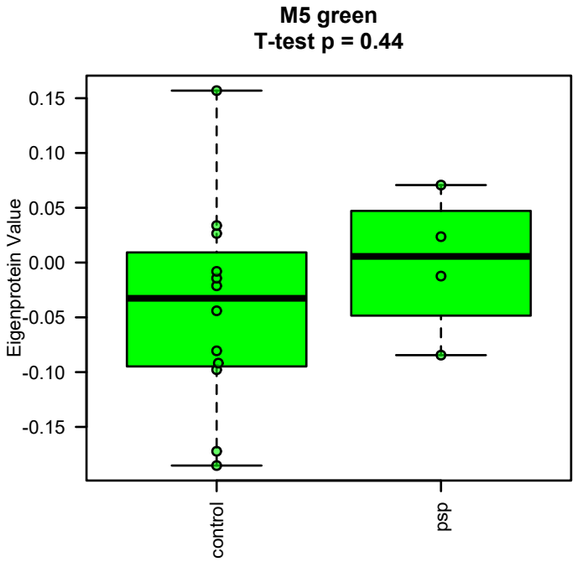

M5 green
T-test p = 0.99
Eigenprotein Value
control
cte_1

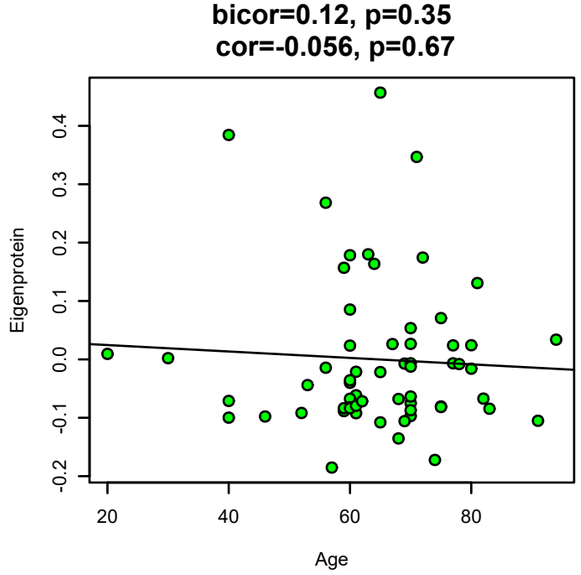

M5 green
T-test p = 1
Eigenprotein Value
control
cte_2

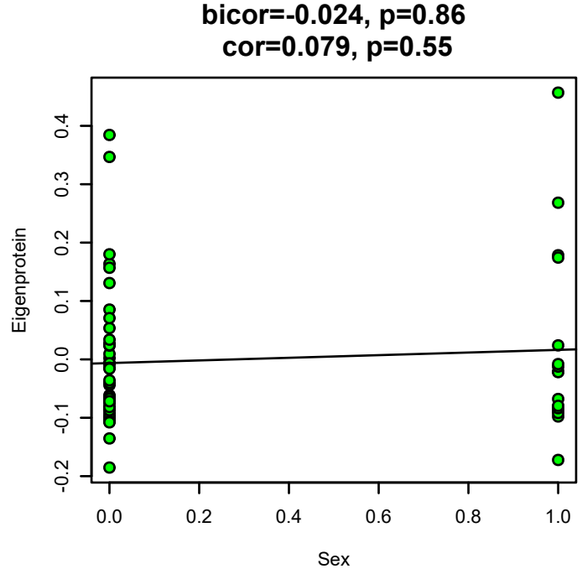

M5 green
T-test p = 0.38
Eigenprotein Value
control
cte_3

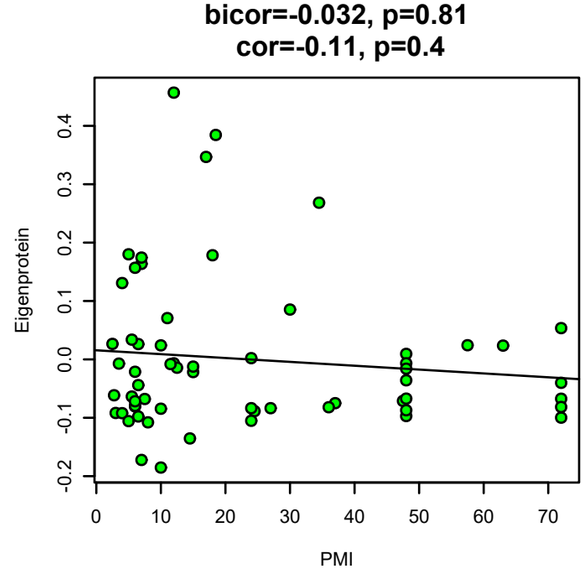

M5 green
T-test p = 0.39
Eigenprotein Value
control
cte_4

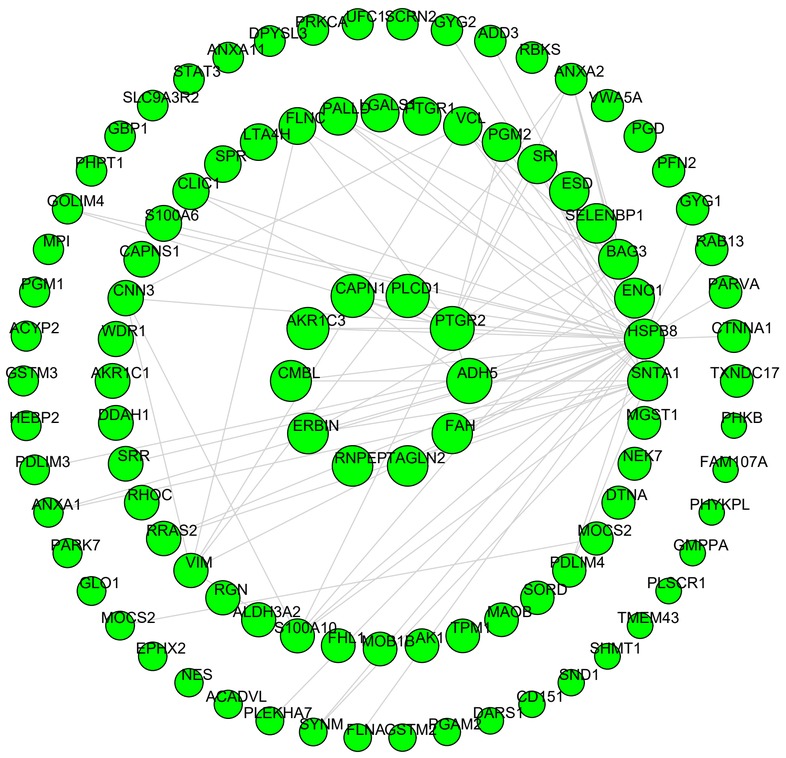

M5 green
T-test p = 5.1e-05
Eigenprotein Value
control
ftd

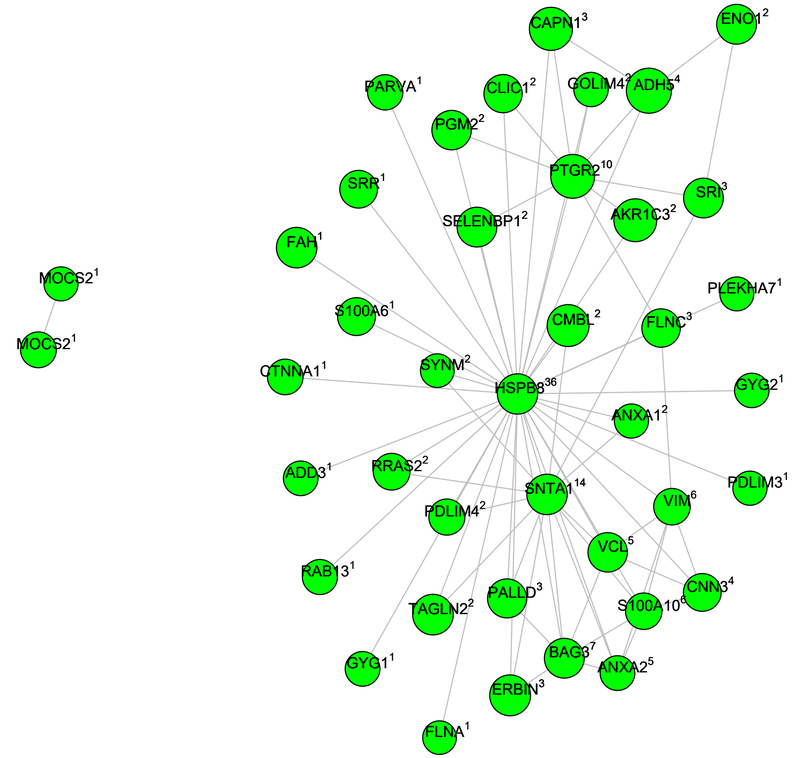

M5 green
T-test p = 0.44
Eigenprotein Value
control
psp

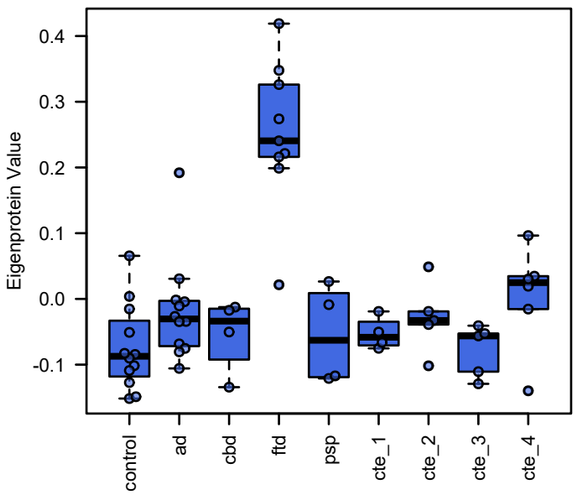

bicor=0.12, p=0.35
cor=-0.056, p=0.67
Eigenprotein
Age

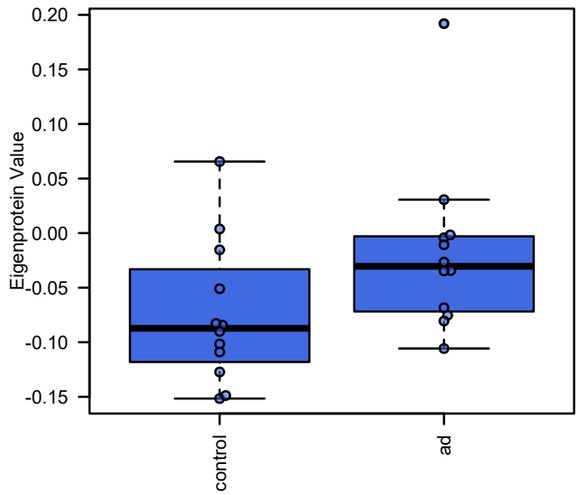

bicor=-0.024, p=0.86
cor=0.079, p=0.55
Eigenprotein
Sex

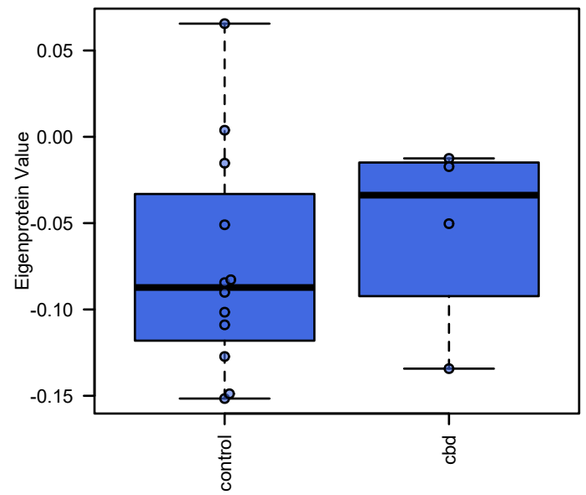

bicor=-0.032, p=0.81
cor=-0.11, p=0.4
Eigenprotein
PMI

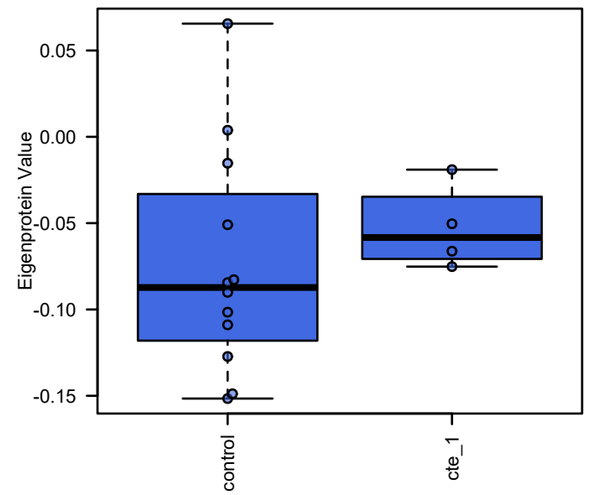

M5 green module
PRKCA
UPC1
SCRN2
GYG2
ADD3
RBKS
ANXA2
VWA5A
PGD
PFN2
GYG1
RAB13
PARVA
QTNNA1
TXNDC17
PHKB
FAM107A
PHYKPL
GMPPA
PLSCR1
TMEM43
SHMT1
SND1
CD151
DARS1
PGAM2
FLNA
GSTM2
SYNM
PLEKHA7
ACADVL
NES
EPHX2
MOCS2
GLO1
PARK7
ANXA1
RHOC
PDLIM3
HEBP2
GSTM3
ACYP2
PGM1
MPI
GOLIM4
PHPT1
GBP1
SLC9A3R2
STAT3
ANXA1
DPYSL3
CAPNS1
S100A6
CLIC1
SPR
LTA4H
FLNC
PALLD
GALNT1
VCL
PGM2
SRI
ES1
SELENBP1
BAG3
ENO1
HSPB8
SNTA1
MGST1
NEK7
DTNA
MOCS2
PDLIM4
SORD
MAOB
BAK1
TPM1
FHL1
MOB1B
S100A10
ALDH3A2
RGN
VIM
KRAS2
SRR
DDAH1
WDR1
AKR1C1
CNN3
CAPN1
PLCD1
AKR1C3
PTGR2
CMBL
ADH5
ERBIN
FAH
RNPEP
TAGLN2
MOCS2
MOCS2

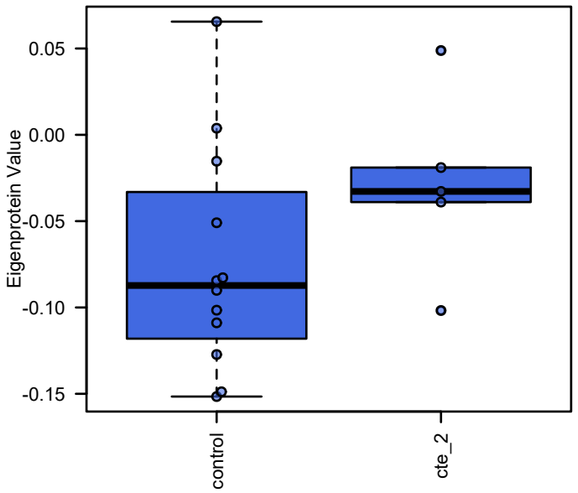

M5 green module hubs connected by top 150 TOM edges: HUB degree
MOCS2 1
MOCS2 1
CAPN1 3
ENO1 2
PARVA 1
CLIC1 2
GOLIM4 2
ADH5 4
PGM2 2
PTGR2 10
SRR 1
SRI 3
SELENBP1 2
AKR1C3 2
FAH 1
PLEKHA7 1
S100A6 1
CMBL 2
FLNC 3
QTNNA1 1
SYNM 2
HSPB8 36
GYG2 1
ANXA1 2
ADD3 1
RRAS2 2
PDLIM3 1
SNTA1 14
VIM 6
PDLIM4 2
VCL 5
RAB13 1
CNN3 4
TAGLN2 2
PALLD 3
S100A10 6
GYG1 1
BAG3 7
ANXA2 5
ERBIN 3
FLNA 1

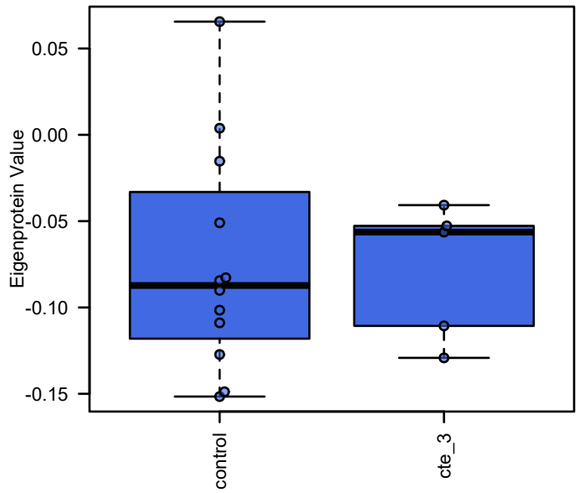

M20 royalblue
1-way AOV p = 1.5e-11
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

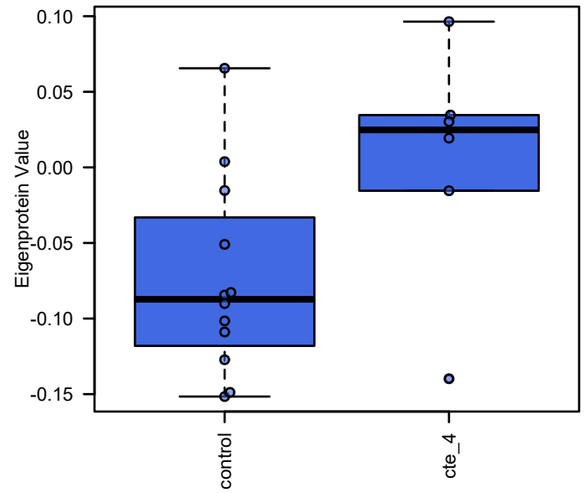

M20 royalblue
T-test p = 0.067
Eigenprotein Value
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
ad

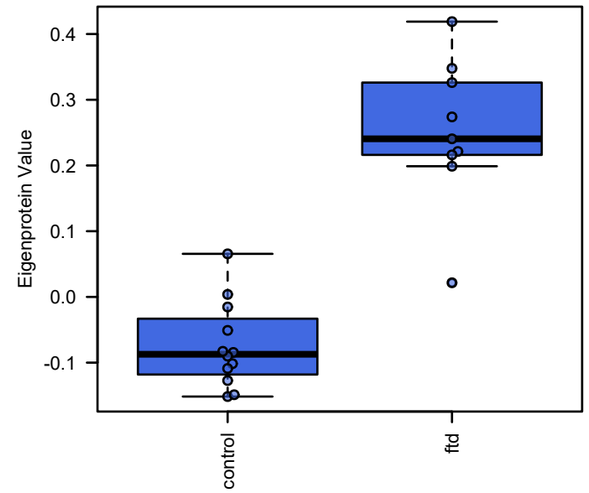

M20 royalblue
T-test p = 0.58
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

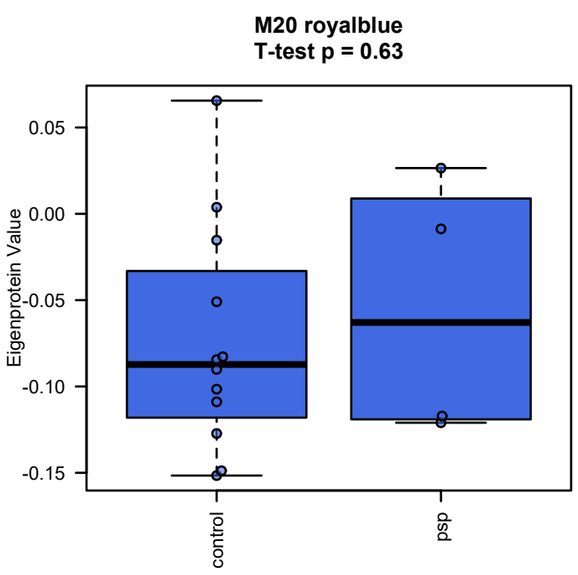

M20 royalblue
T-test p = 0.53
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

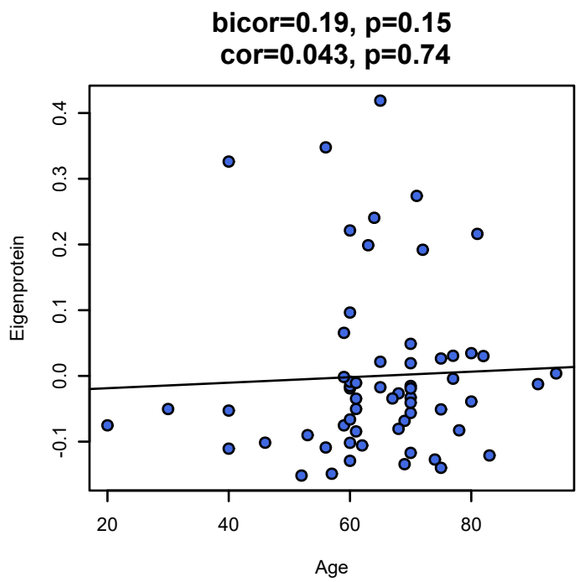

M20 royalblue
T-test p = 0.19
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_2

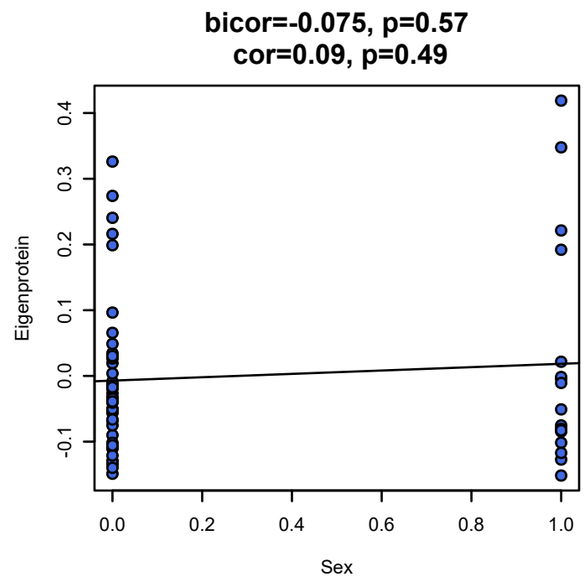

M20 royalblue
T-test p = 0.91
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
cte_3

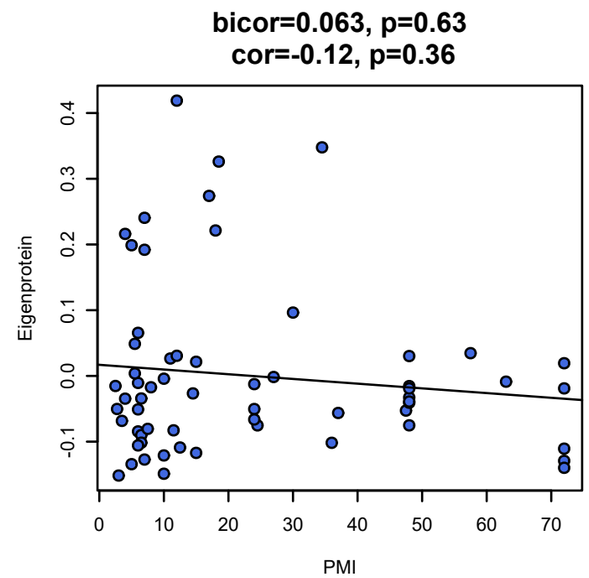

M20 royalblue
T-test p = 0.039
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

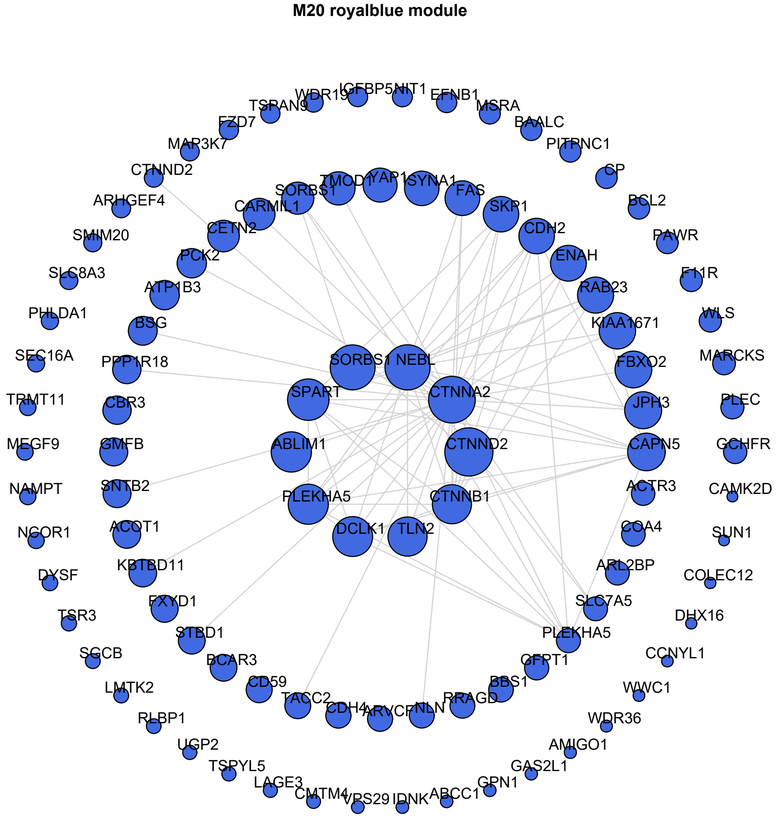

M20 royalblue
T-test p = 8.3e-08
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
ftd

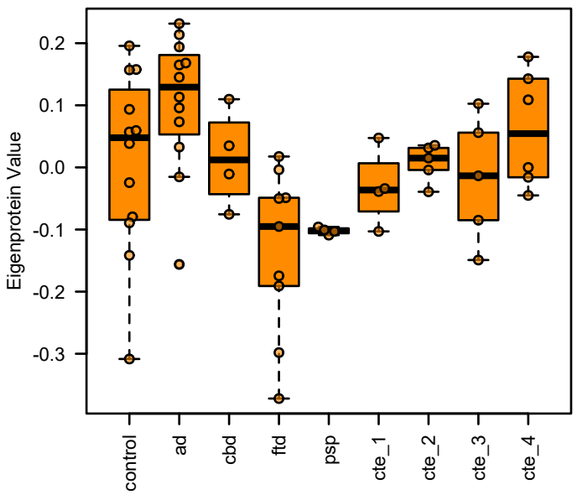

M20 royalblue
T-test p = 0.63
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
control
psp

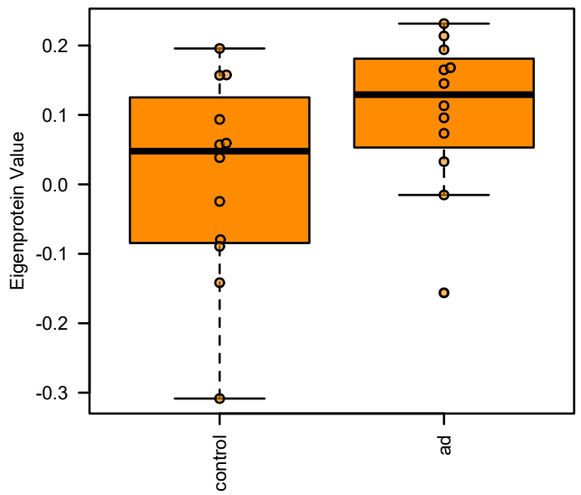

bicor=0.19, p=0.15
cor=0.043, p=0.74
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
20
40
60
80
Age

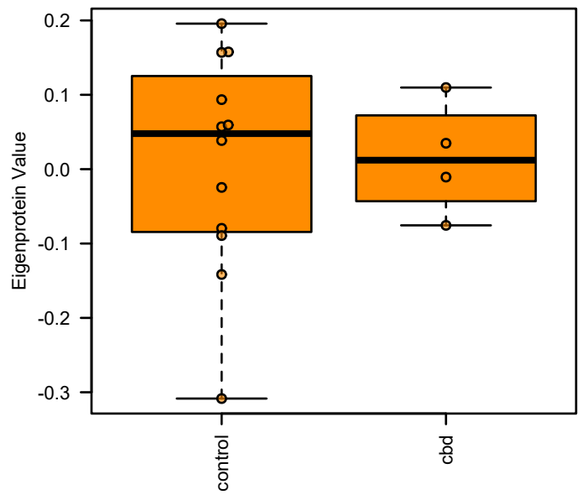

bicor=-0.075, p=0.57
cor=0.09, p=0.49
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
0.0
0.2
0.4
0.6
0.8
1.0
Sex

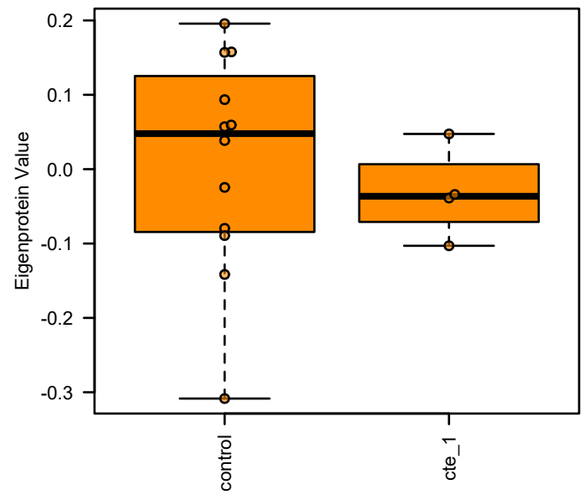

bicor=0.063, p=0.63
cor=-0.12, p=0.36
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
0
10
20
30
40
50
60
70
PMI

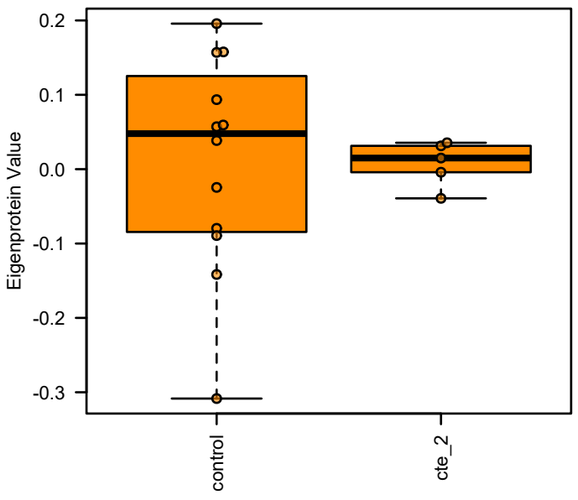

M20 royalblue module
WDR19
IGFBP5
NIT1
EFNB1
TSPAN9
MSRA
FZD7
BAALC
MAP3K7
PITPNC1
CTNND2
CP
TMOD1
YAP1
SYNJ1
FAS
SORBS1
ARHGEF4
CARMN1
SKP1
BCL2
CETN2
CDH2
SMIM20
PAWR
PCK2
ENAH
SLC8A3
F11R
ATP1B3
RAB23
PHLDA1
KIAA1671
WLS
BSG
SEC16A
PPP1R18
SORBS1
NEBL
FBXO2
MARCKS
TRMT11
SPART
CTNNA2
JPH3
PLEC
CBR3
MEGF9
CMFB
ABLIM1
CTNND2
CAPN5
GCHFR
NAMPT
SNTB2
PLEKHA5
CTNNB1
ACTR3
CAMK2D
NCOR1
ACOT1
DCLK1
TLN2
COA4
SUN1
DYSF
KBTBD11
ARL2BP
COLEC12
TSR3
FXYD1
SLC7A5
DHX16
STBD1
PLEKHA5
SGCB
BCAR3
CFRT1
CCNYL1
LMTK2
CD59
BBS1
WWC1
TACC2
RRAGD
CDH4
ARVCF
NLN
RLBP1
WDR36
UGP2
AMIGO1
TSPYL5
GAS2L1
LAGE3
GPN1
CMTM4
VPS29
IDNK
ABCC1
M20 royalblue module hubs connected by top 150 TOM edges: HUB^{degree}
CTNND2^{1}
CTNND2^{1}
CARMIL1^{1}
TMOD1^{1}
KBTBD11^{1}
TACC2^{1}
PCK2^{1}
SNTB2^{1}
PPP1R18^{1}
SLC7A5^{2}
STBD1^{1}
JPH3^{2}
ABLIM1^{1}
SKP1^{4}
CTNNA2^{30}
RAB23^{5}
SORBS1^{3}
NLN^{1}
FAS^{3}
SPART^{9}
SORBS1^{3}
NEBL^{18}
BSG^{1}
PLEKHA5^{8}
CTNNB1^{12}
TLN2^{2}
DCLK1^{7}
KIAA1671^{2}
PLEKHA5^{8}
CAPN5^{9}
ENAH^{3}
CDH2^{6}
FBXO2^{1}

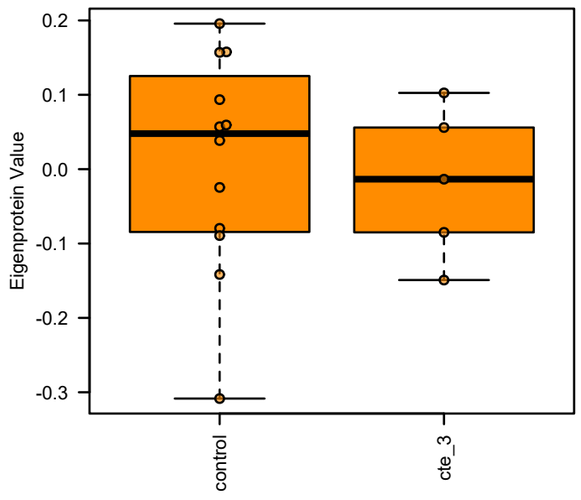

M26 darkorange
1-way AOV p = 0.0014
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

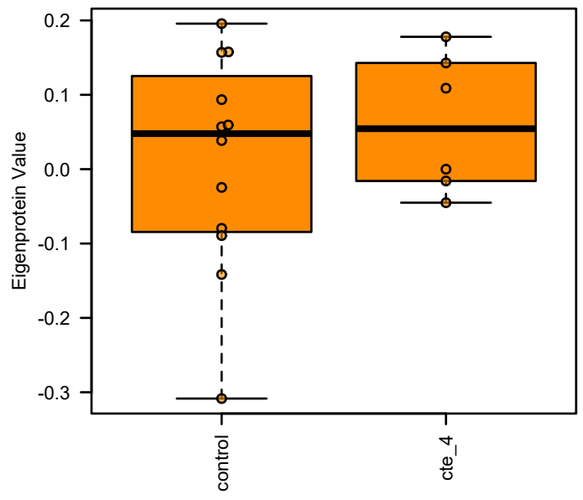

M26 darkorange
T-test p = 0.084
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad

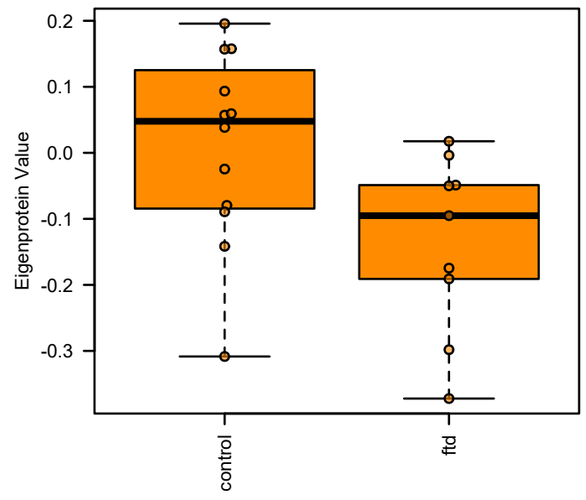

M26 darkorange
T-test p = 0.95
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cbd

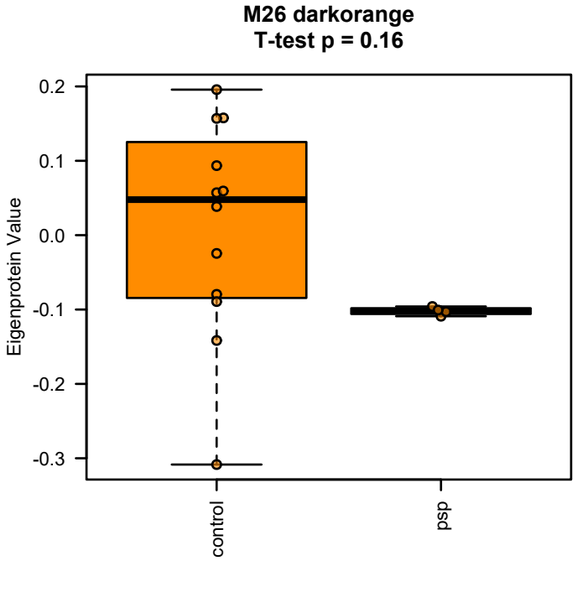

M26 darkorange
T-test p = 0.59
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_1

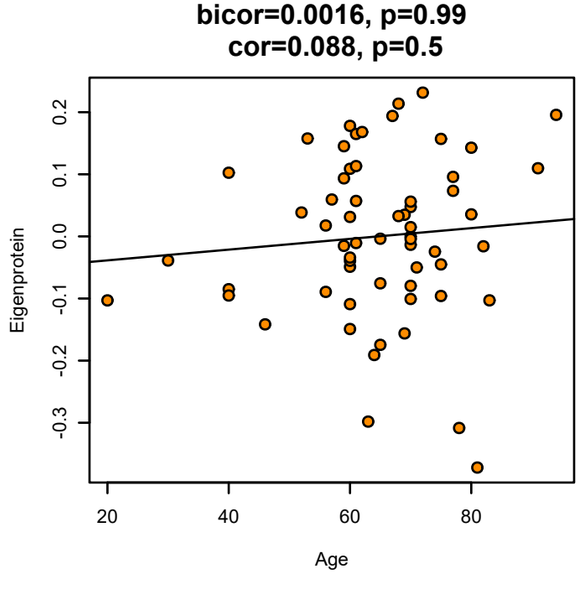

M26 darkorange
T-test p = 0.98
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_2

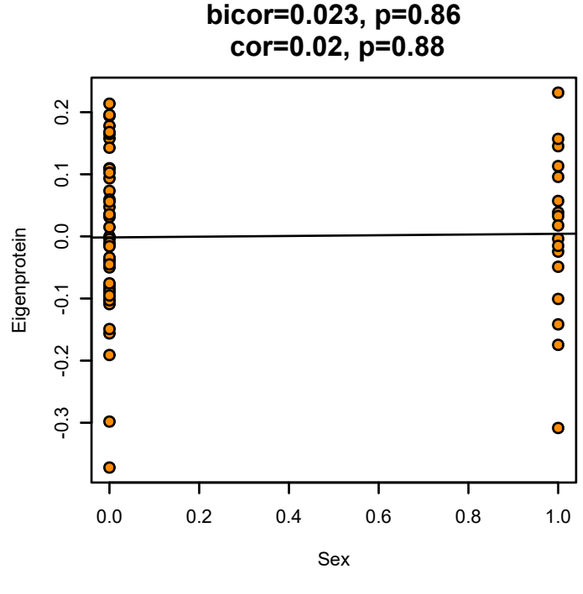

M26 darkorange
T-test p = 0.71
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_3

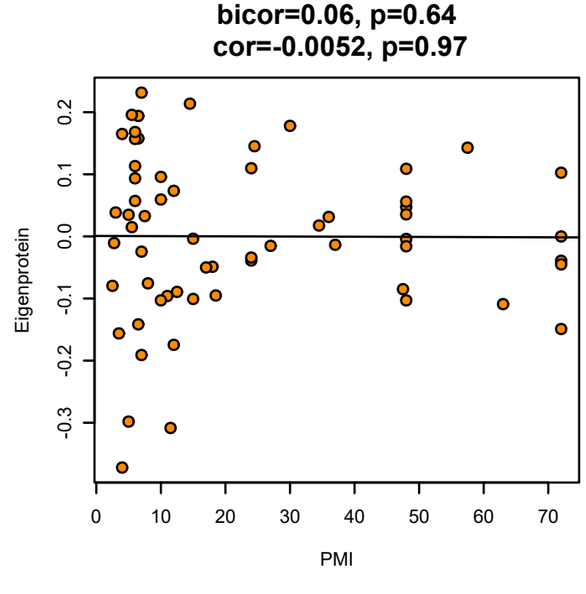

M26 darkorange
T-test p = 0.44
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
cte_4


M26 darkorange
T-test p = 0.031
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

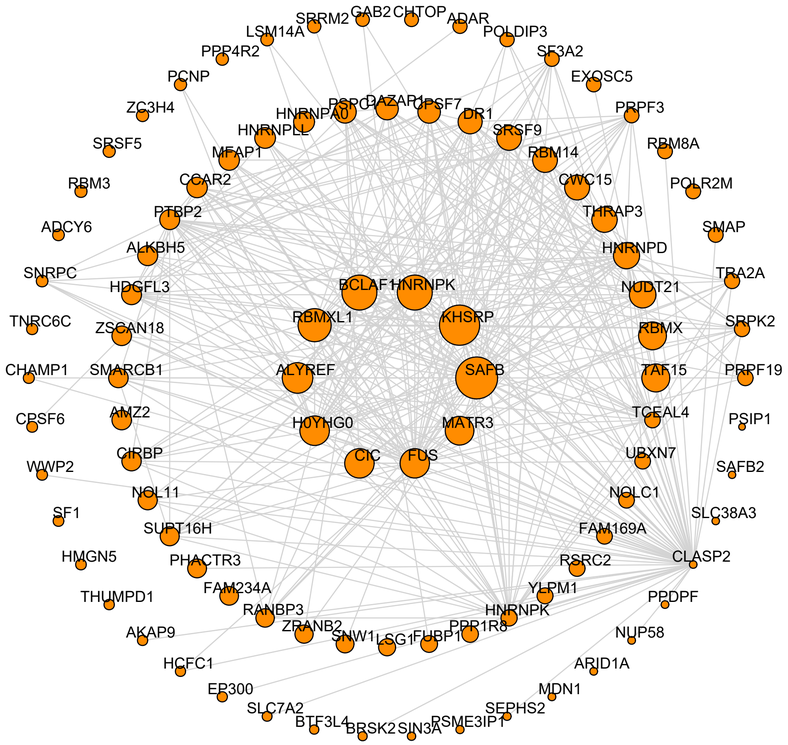

M26 darkorange
T-test p = 0.16
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
psp


bicor=0.0016, p=0.99
cor=0.088, p=0.5
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

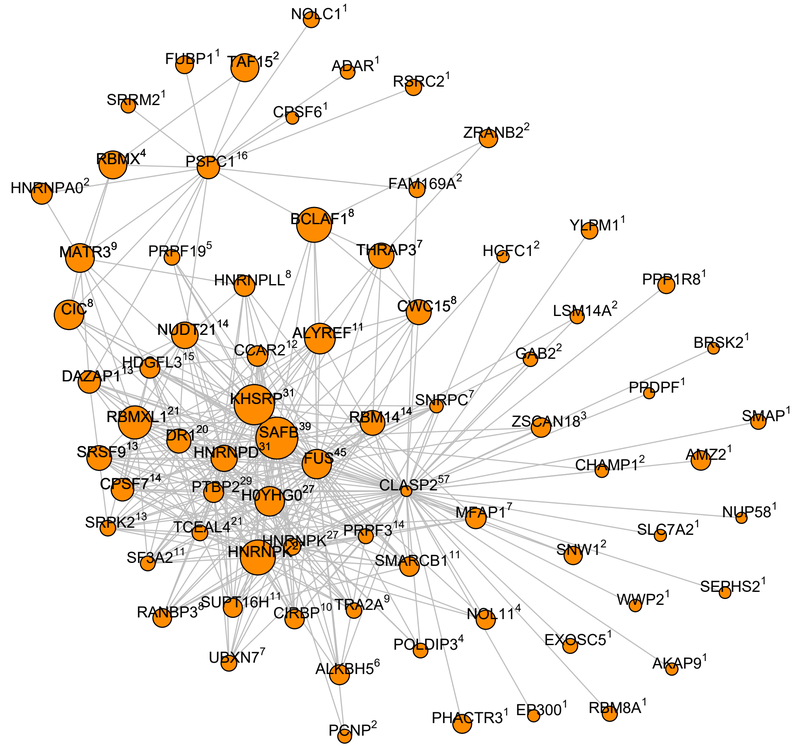

bicor=0.023, p=0.86
cor=0.02, p=0.88
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

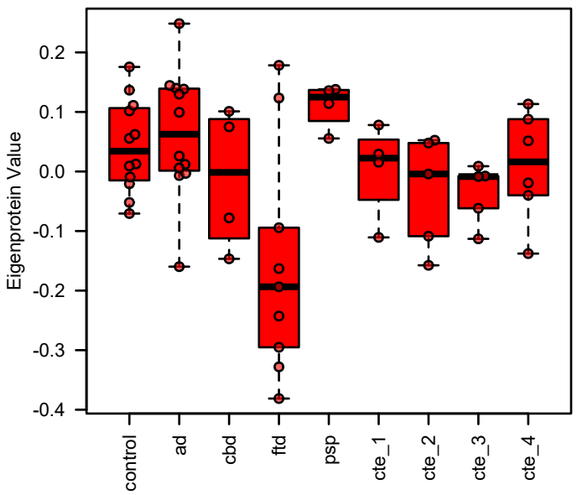

bicor=0.06, p=0.64
cor=-0.0052, p=0.97
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

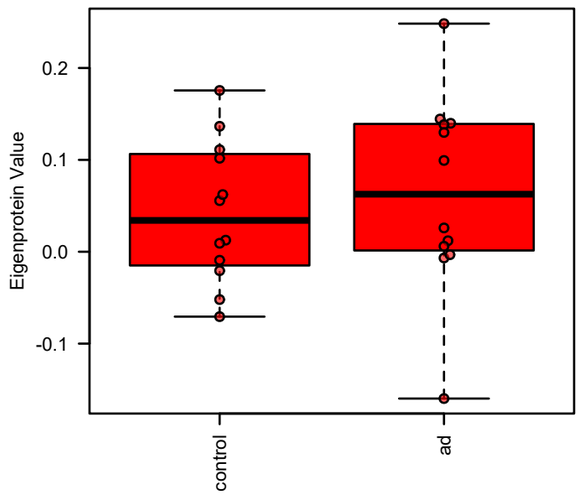
M26 darkorange module

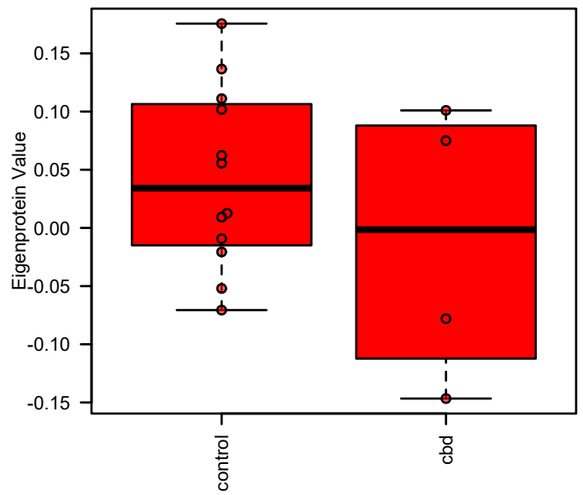


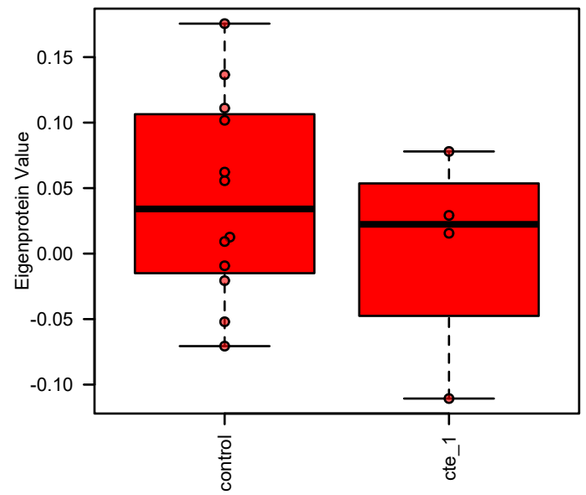
M26 darkorange module hubs connected by top 720 TOM edges: HUB^{degree}

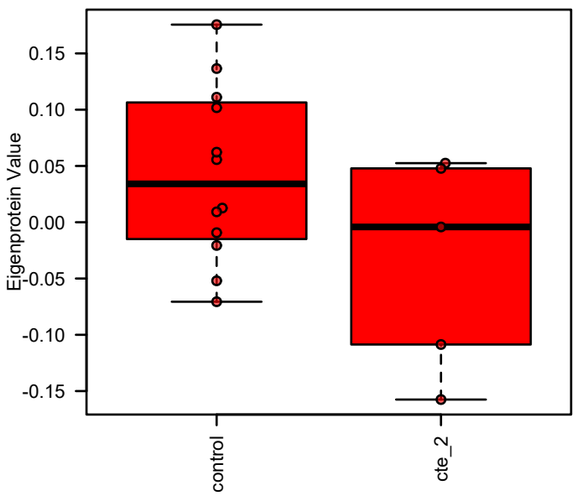


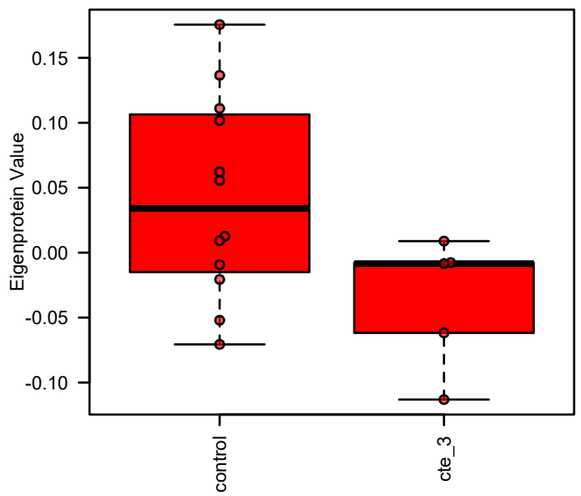

M6 red
1-way AOV p = 0.0025
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

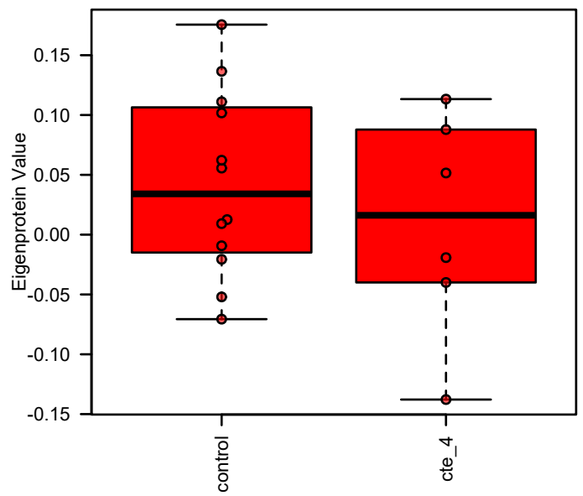

M6 red
T-test p = 0.57
Eigenprotein Value
control
ad

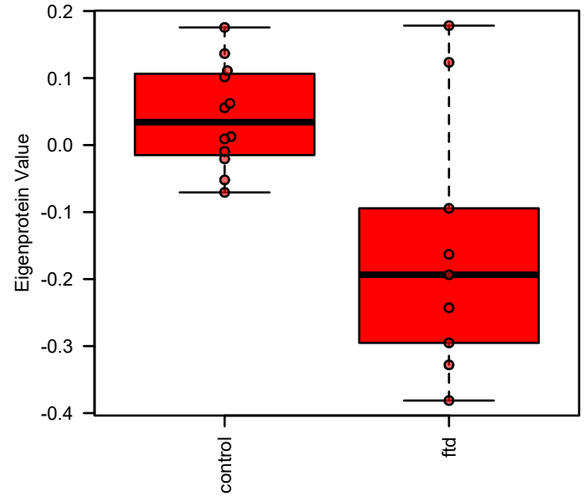

M6 red
T-test p = 0.3
Eigenprotein Value
control
cbd

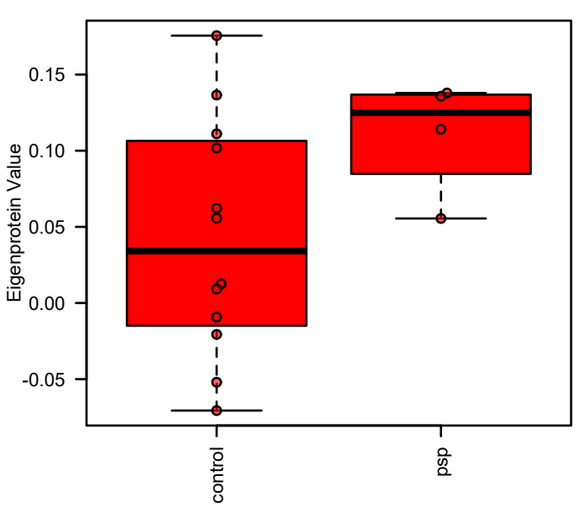

M6 red
T-test p = 0.39
Eigenprotein Value
control
cte_1

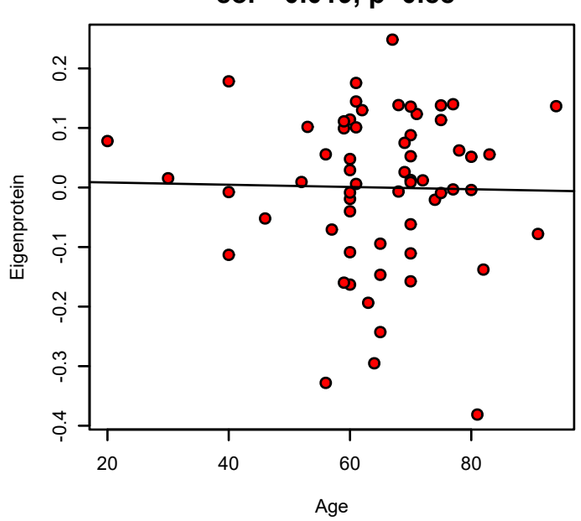

M6 red
T-test p = 0.1
Eigenprotein Value
control
cte_2

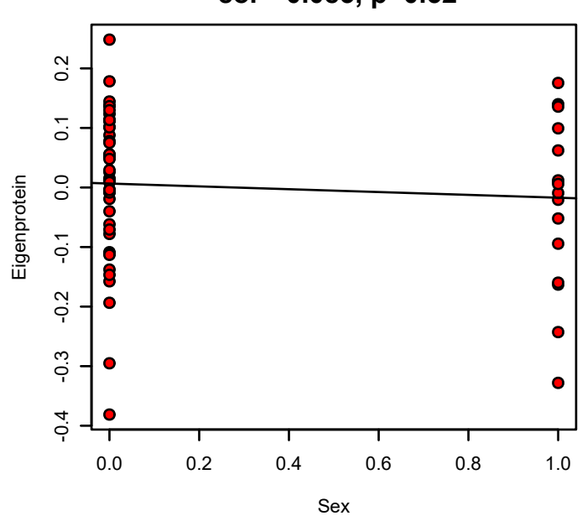

M6 red
T-test p = 0.054
Eigenprotein Value
control
cte_3

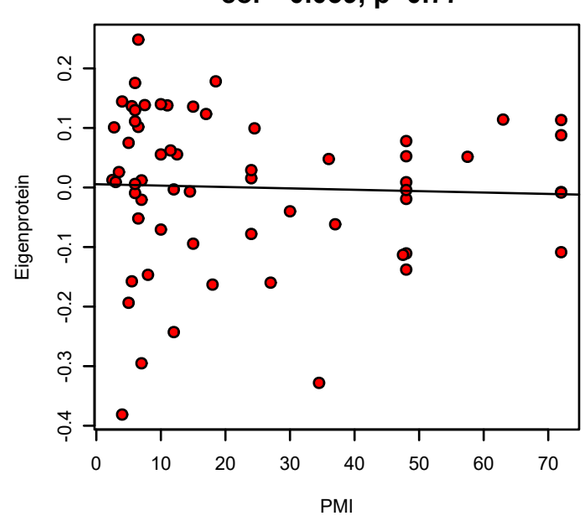

M6 red
T-test p = 0.43
Eigenprotein Value
control
cte_4

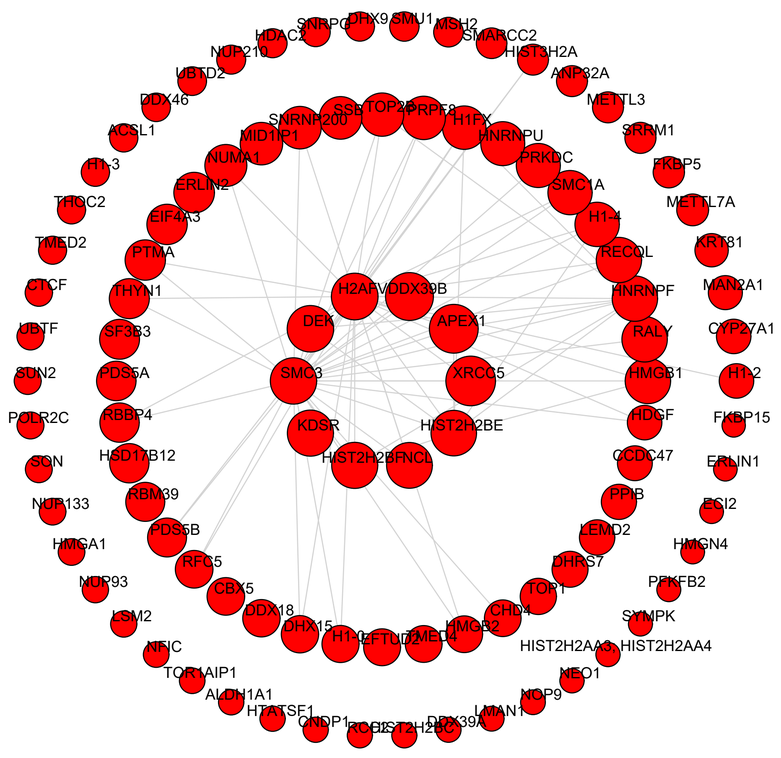

M6 red
T-test p = 0.0045
Eigenprotein Value
control
ftd

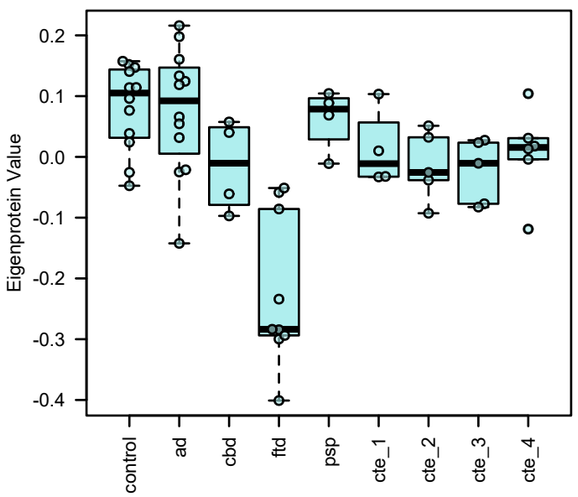

M6 red
T-test p = 0.12
Eigenprotein Value
control
psp

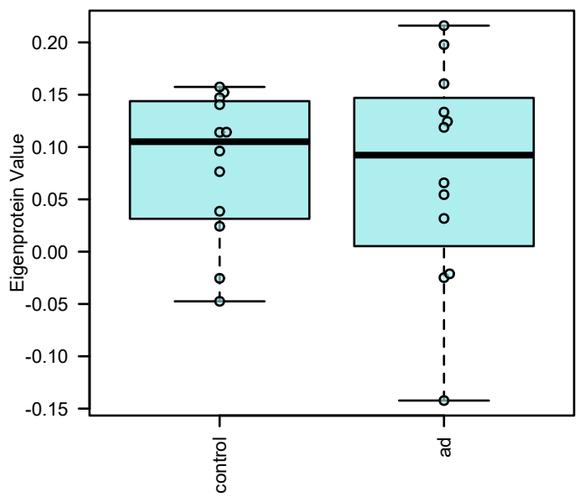

bicor=0.049, p=0.71
cor=-0.019, p=0.88
Eigenprotein
Age

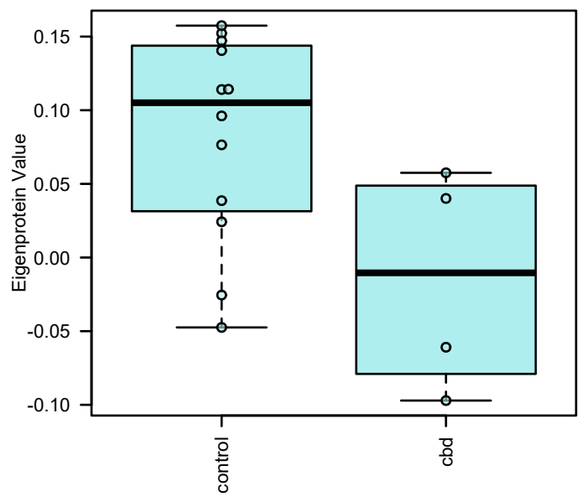

bicor=-0.082, p=0.53
cor=-0.083, p=0.52
Eigenprotein
Sex

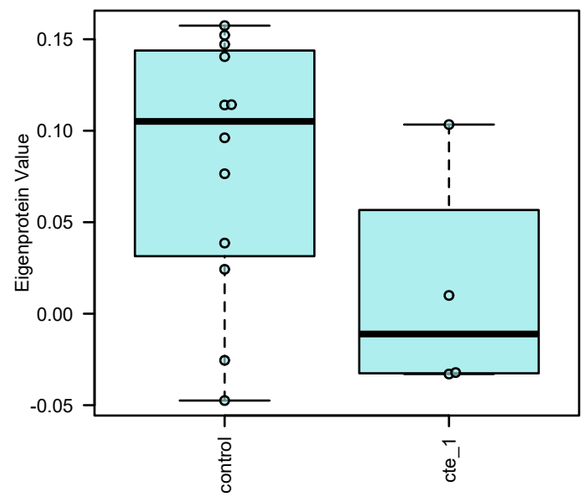

bicor=-0.19, p=0.14
cor=-0.039, p=0.77
Eigenprotein
PMI

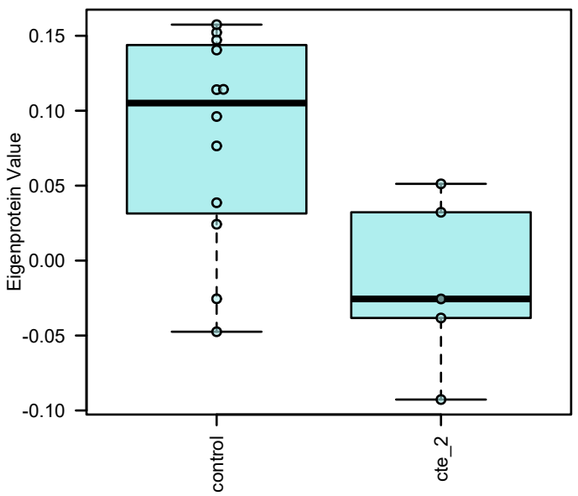

M6 red module
SNRPC
DHX9
SMU1
MSH2
HDAC2
SMARCC2
NUP210
HIST3H2A
UBTD2
ANP32A
DDX46
METTL3
SSBTOP2B
PRPF8
SNRNP200
H1FX
SRRM1
ACSL1
MID1IP1
HNRNPU
NUMA1
PRKDC
FKBP5
H1-3
ERLIN2
SMC1A
METTL7A
THOC2
EIF4A3
H1-4
KRT81
TMED2
PTMA
RECQL
CTCF
THYN1
H2AFV
DDX39B
HNRNPF
MAN2A1
DEK
APEX1
UBTF
SF3B3
RALY
CYP27A1
SUN2
PDS5A
SMC3
XRCC5
HMGB1
H1-2
POLR2C
RBBP4
KDSR
HIST2H2BE
HDGF
FKBP15
SON
HSD17B12
HIST2H2AC
NCL
CCDC47
ERLIN1
NUP133
RBM39
PPIB
ECI2
HMGA1
PDS5B
LEMD2
HMGN4
RFC5
DHRS7
NUP93
CBX5
TOP1
PFKFB2
LSM2
DDX18
CHD4
SYMPK
NTHC
DHX15
HMGB2
HIST2H2AA3
HIST2H2AA4
TQRA1AIP1
MED14
NEO1
ALDH1A1
NOP9
HTATSF1
IMAN1
CNDP1
DDX39A
M6 red module hubs connected by top 150 TOM edges: HUB^{degree}
TOP2B^{3}
H1-4^{4}
APEX1^{4}
SMC1A^{3}
HNRNPF^{12}
HMGB1^{4}
RECQL^{3}
NCL^{2}
PRKDC^{1}
DEK^{4}
HIST2H2BE^{9}
H1FX^{4}
HIST2H2BF^{4}
RBBP4^{2}
H1-0^{2}
RFC5^{2}
H2AFV^{29}
SMC3^{31}
PDS5B^{2}
NUMA1^{2}
HMGB2^{2}
HIST3H2A^{2}
DDX39B^{2}
THYN1^{2}
HDGF^{2}
PRPF8^{2}
SNRNP200^{2}
DHX15^{2}
RALY^{1}
H1-2^{1}
PTMA^{2}
XRCC5^{2}
CHD4^{1}

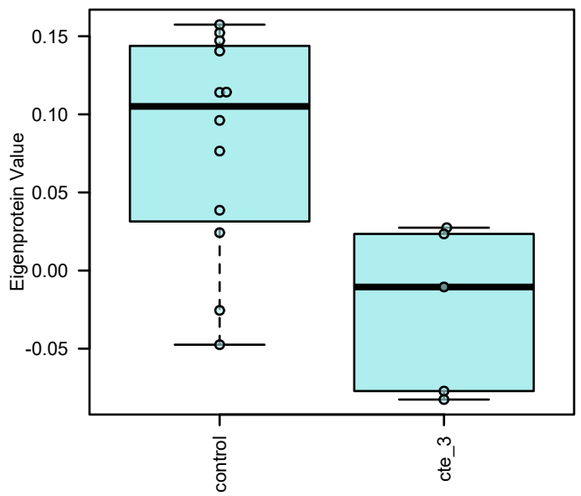

M31 paleturquoise
1-way AOV p = 1.7e-08
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

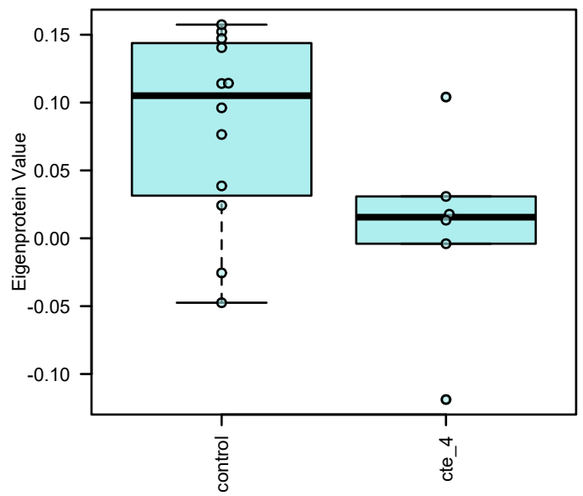

M31 paleturquoise
T-test p = 0.87
Eigenprotein Value
control
ad

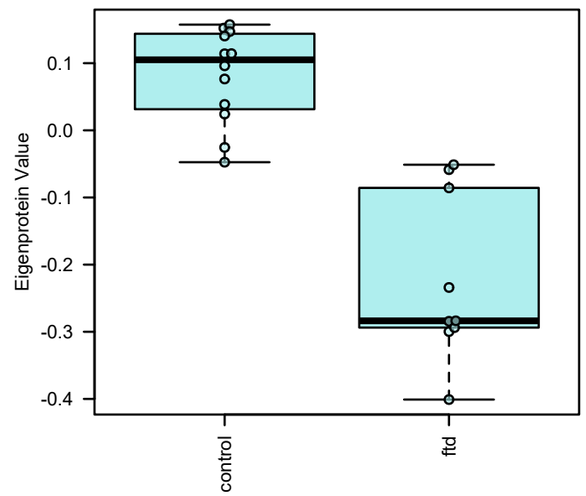

M31 paleturquoise
T-test p = 0.033
Eigenprotein Value
control
cbd

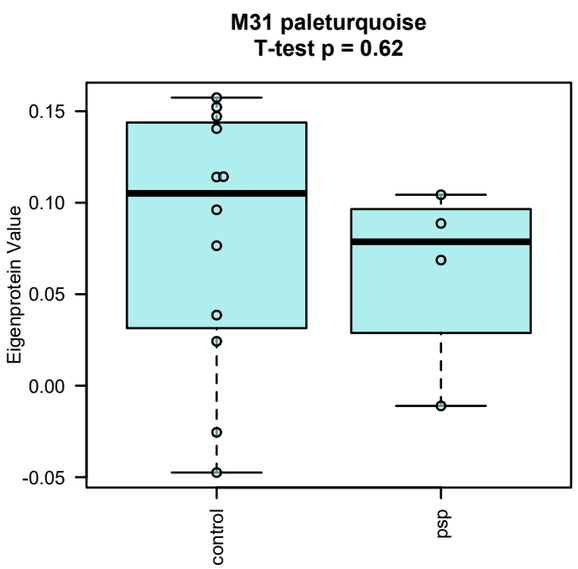

M31 paleturquoise
T-test p = 0.099
Eigenprotein Value
control
cte_1

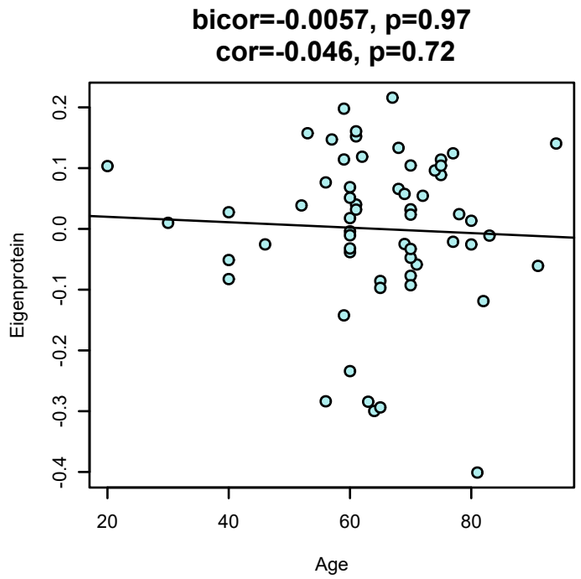

M31 paleturquoise
T-test p = 0.016
Eigenprotein Value
control
cte_2

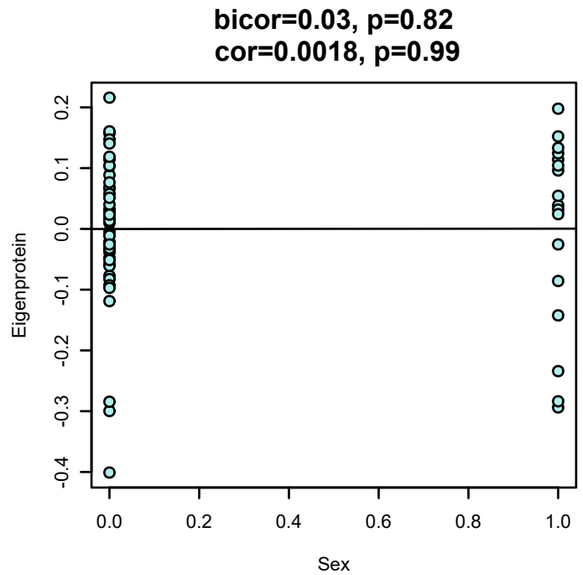

M31 paleturquoise
T-test p = 0.0086
Eigenprotein Value
control
cte_3

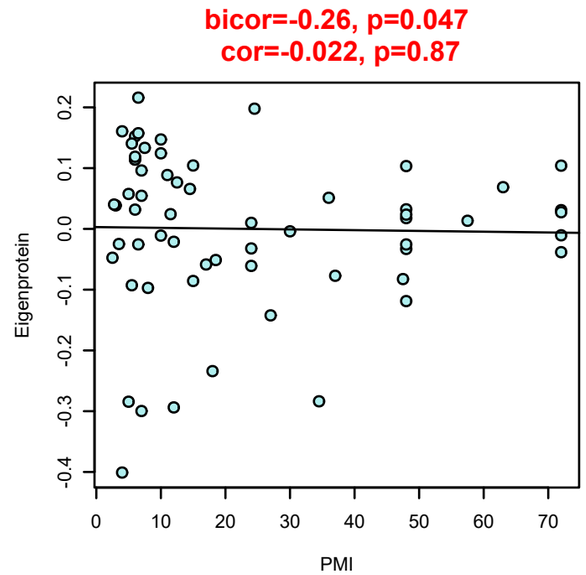

M31 paleturquoise
T-test p = 0.05
Eigenprotein Value
control
cte_4

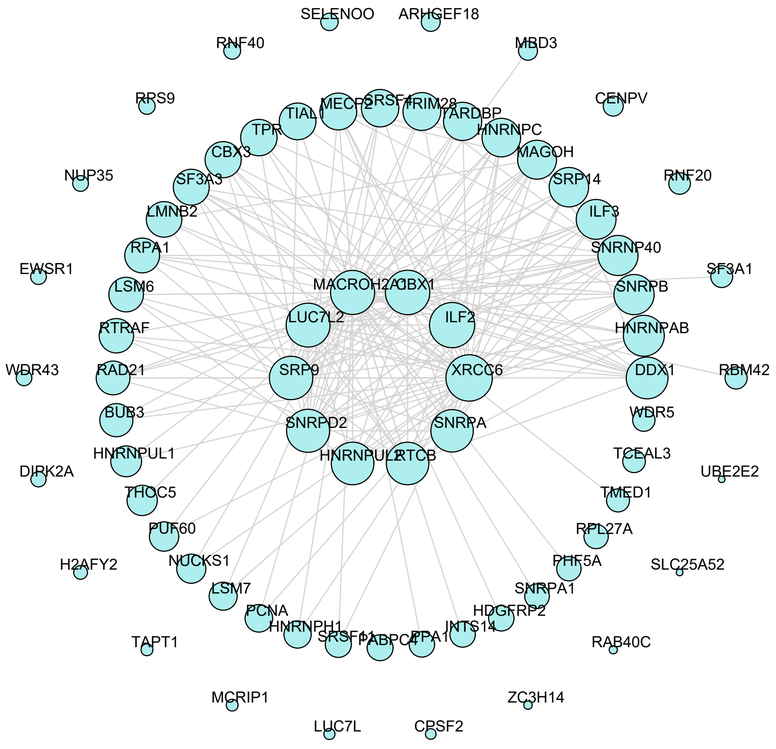

M31 paleturquoise
T-test p = 9.7e-07
Eigenprotein Value
control
ftd

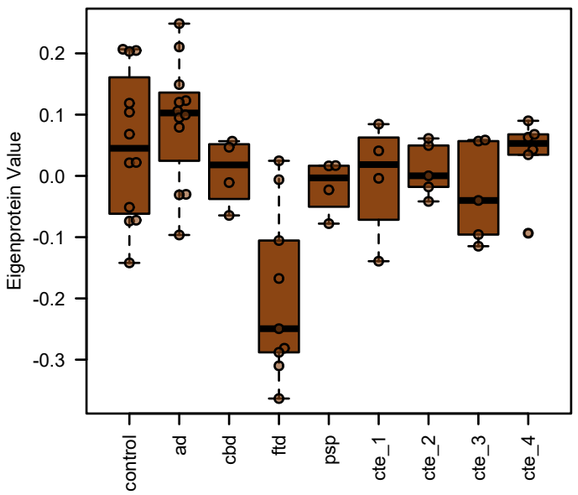

M31 paleturquoise
T-test p = 0.62
Eigenprotein Value
control
psp

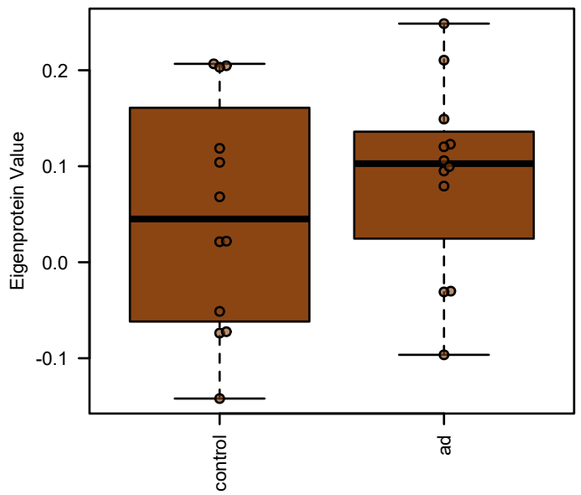

bicor=-0.0057, p=0.97
cor=-0.046, p=0.72
Eigenprotein
Age

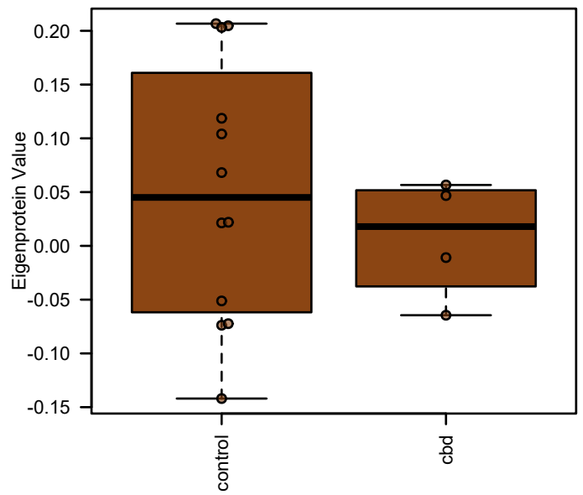

bicor=0.03, p=0.82
cor=0.0018, p=0.99
Eigenprotein
Sex

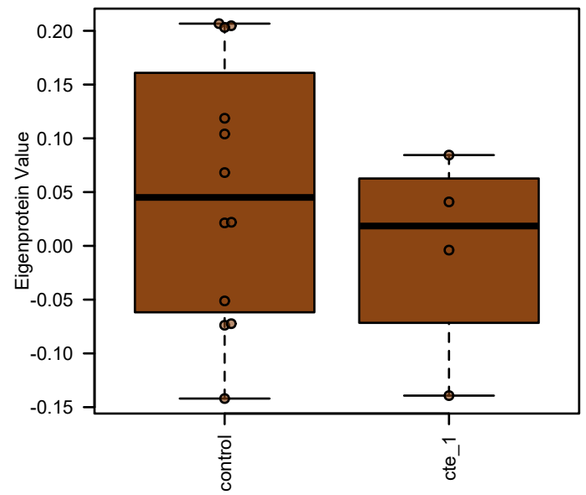

bicor=-0.26, p=0.047
cor=-0.022, p=0.87
Eigenprotein
PMI

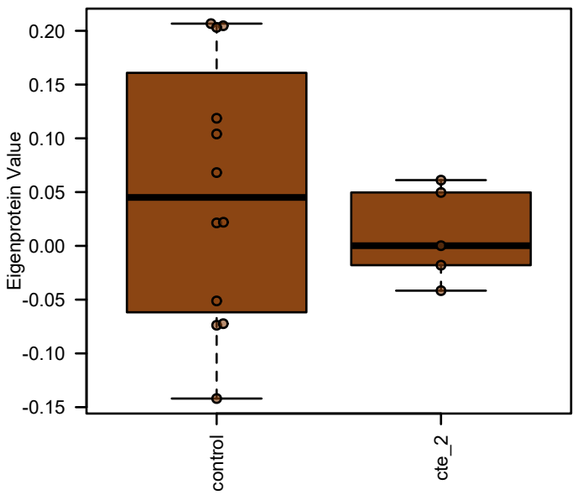

M31 paleturquoise module
SELENOO
ARHGEF18
RNF40
MBD3
RRS9
CENPV
TIAL1
MECP2
SRSF4
TRIM28
TARDBP
TPR
HNRNPC
CBX3
MAGOH
NUP35
SF3A3
SRP14
RNF20
LMNB2
ILF3
RPA1
SNRNP40
EWSR1
SF3A1
LSM6
MACROH2A1
CBX1
SNRPB
LUC7L2
ILF2
RTRAF
HNRNPAB
WDR43
RAD21
SRP9
XRCC6
DDX1
RBM42
BUB3
SNRPD2
SNRPA
WDR5
HNRNPUL1
HNRNPUL2
RTCB
TCEAL3
DIRK2A
UBE2E2
THOC5
TMED1
PUF60
RPL27A
H2AFY2
NUCKS1
PHF5A
SLC25A52
LSM7
SNRPA1
PCNA
HDGFRP2
HNRNPH1
SRSF11
ABPC4
EPA1
INTS14
TAPT1
RAB40C
MCRIP1
ZC3H14
LUC7L
CPSF2
M31 paleturquoise module hubs connected by top 396 TOM edges: HUB degree
TMED1 1
MBD3 1
THOC5 1
SNRPA1 1
PPA1 1
INTS14 1
PUF60 2
SRSF11 2
NUCKS1 2
PCNA 2
SF3A1 1
LSM7 2
HNRNPH1 2
LSM6 5
BUB3 3
HNRNPUL1 2
PHF5A 1
SRSF4 5
LMNB2 4
RBM42 1
MACROH2A1 48
MECP2 9
HNRNPC 10
XRCC6 34
HNRNPAB 7
TPR 5
SF3A3 7
CBX3 5
HDGFRP2 1
SNRPA 10
SNRPD2 21
CBX1 21
SRP9 25
SRP14 6
TARDBP 5
MAGOH 16
ILF2 15
SNRNP40 17
DDX1 13
RTRAF 4
HNRNPUL2 9
LUC7L2 15
RTCB 13
SNRPB 11
ILF3 10
RAD21 6
TIAL1 4
TRIM28 4
RPA1 5

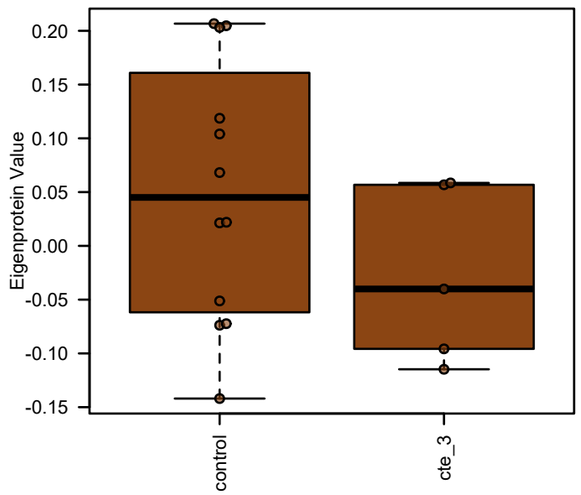

M29 saddlebrown
1-way AOV p = 2e-05
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

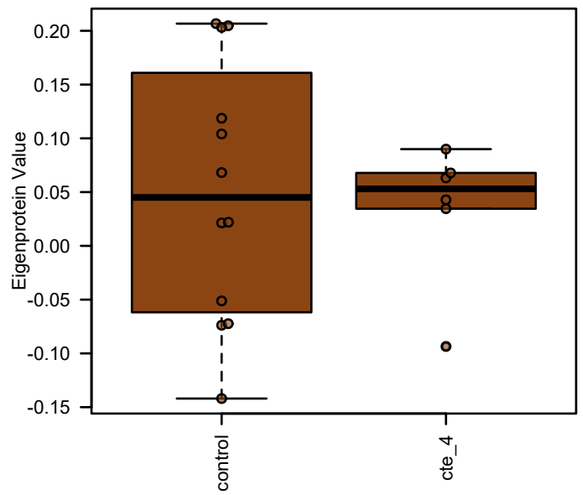

M29 saddlebrown
T-test p = 0.4
Eigenprotein Value
control
ad

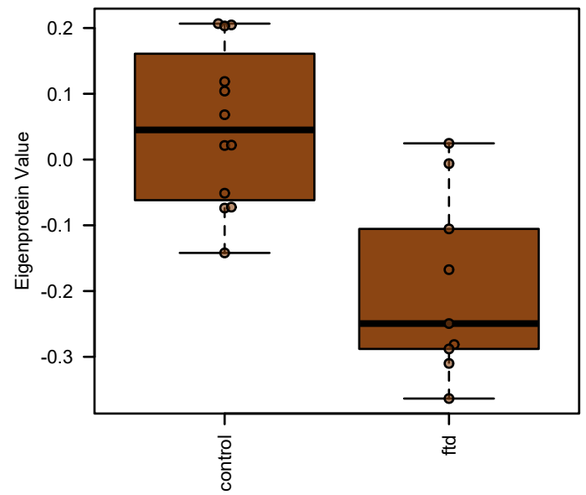

M29 saddlebrown
T-test p = 0.5
Eigenprotein Value
control
cbd

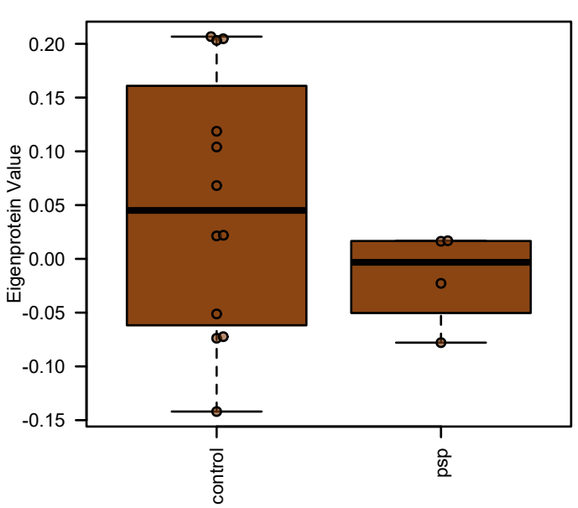

M29 saddlebrown
T-test p = 0.42
Eigenprotein Value
control
cte_1

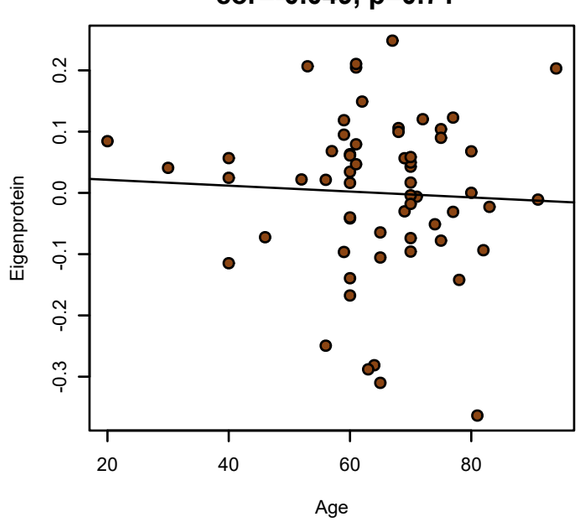

M29 saddlebrown
T-test p = 0.48
Eigenprotein Value
control
cte_2

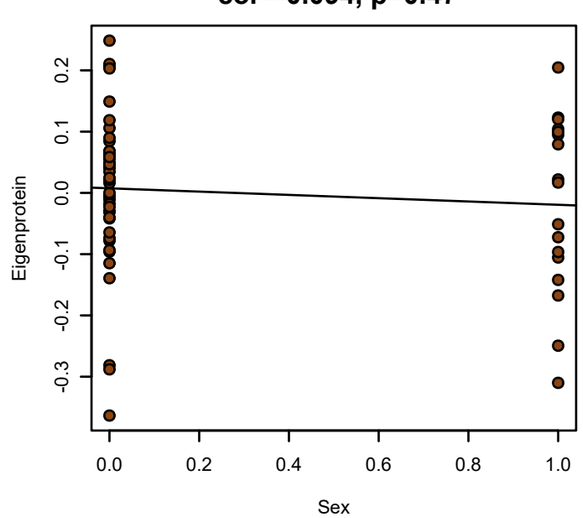

M29 saddlebrown
T-test p = 0.21
Eigenprotein Value
control
cte_3

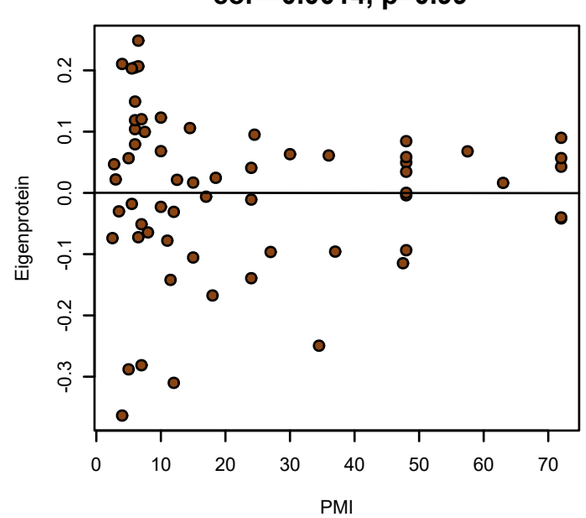

M29 saddlebrown
T-test p = 0.76
Eigenprotein Value
control
cte_4


M29 saddlebrown
T-test p = 0.00036
Eigenprotein Value
control
ftd

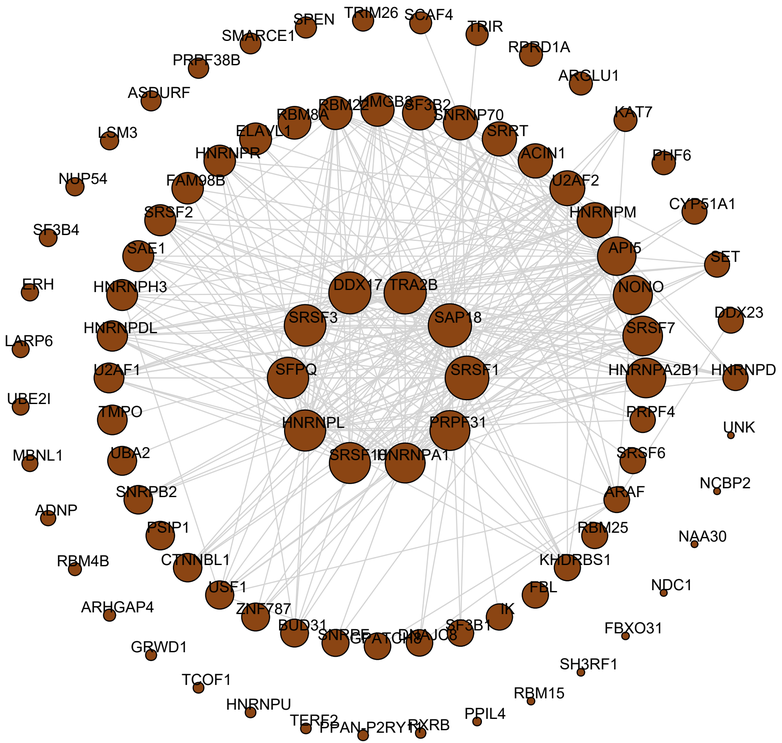

M29 saddlebrown
T-test p = 0.3
Eigenprotein Value
control
psp


bicor=-0.04, p=0.76
cor=-0.049, p=0.71
Eigenprotein
Age

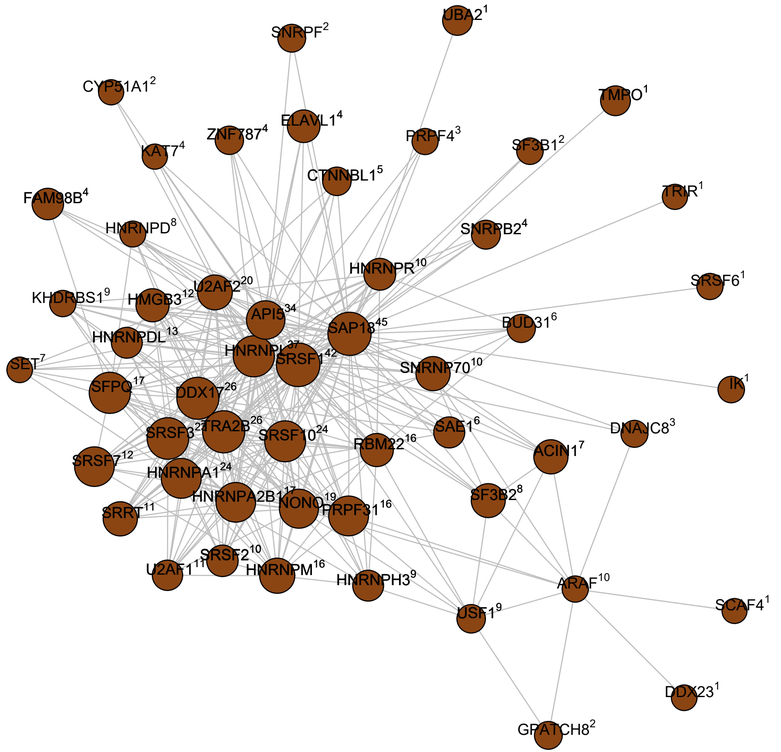

bicor=-0.091, p=0.48
cor=-0.094, p=0.47
Eigenprotein
Sex

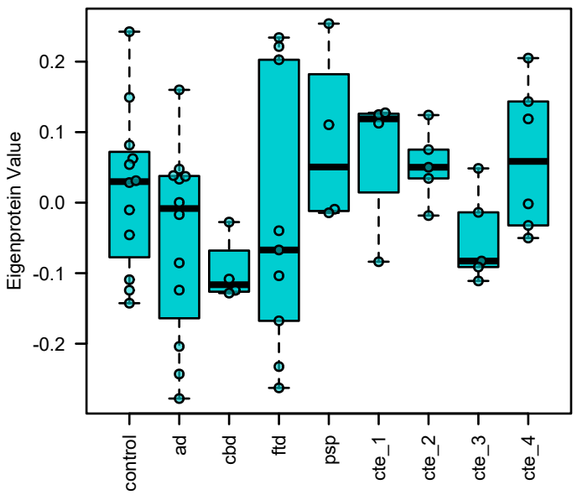

bicor=-0.19, p=0.13
cor=-0.0014, p=0.99
Eigenprotein
PMI

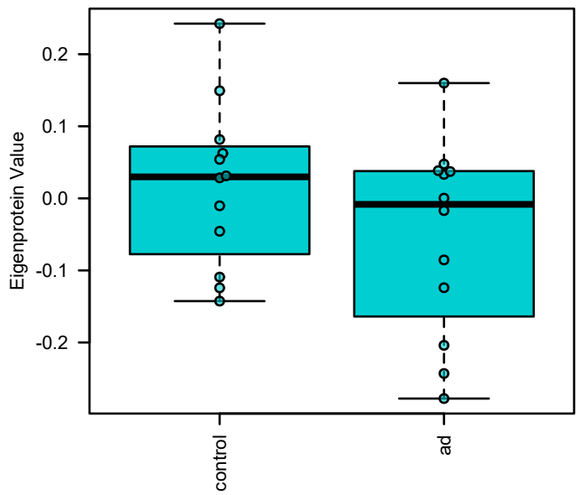
M29 saddlebrown module

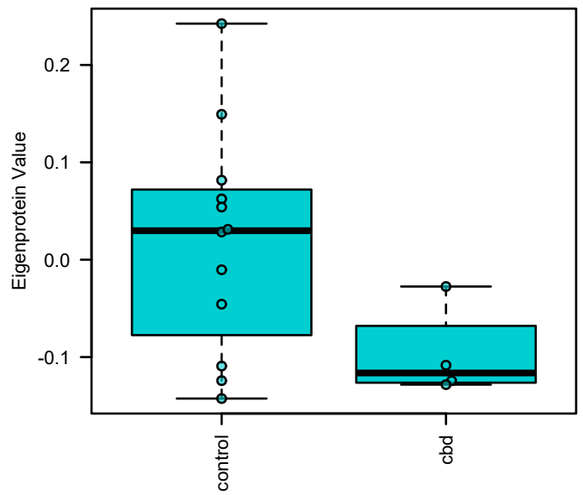


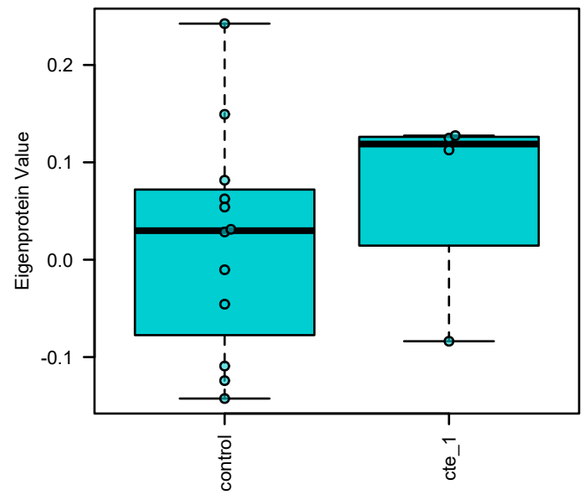
M29 saddlebrown module hubs connected by top 616 TOM edges: HUB^{degree}

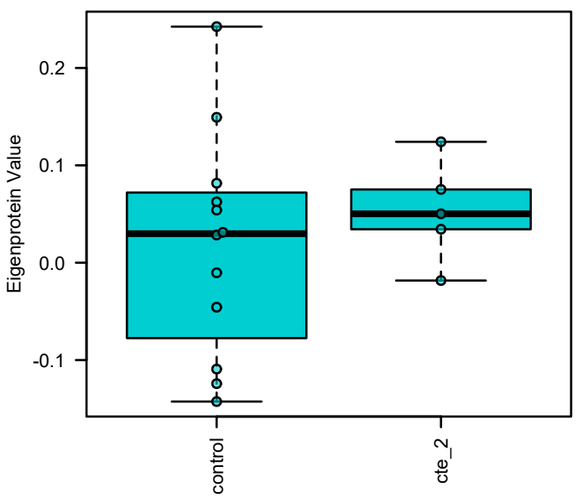


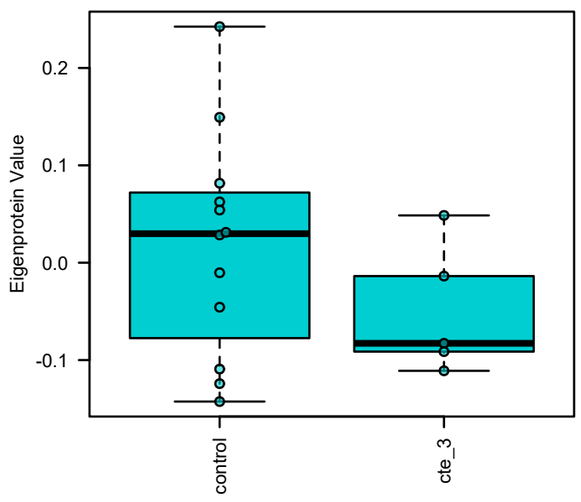

M23 darkturquoise
1-way AOV p = 0.21
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

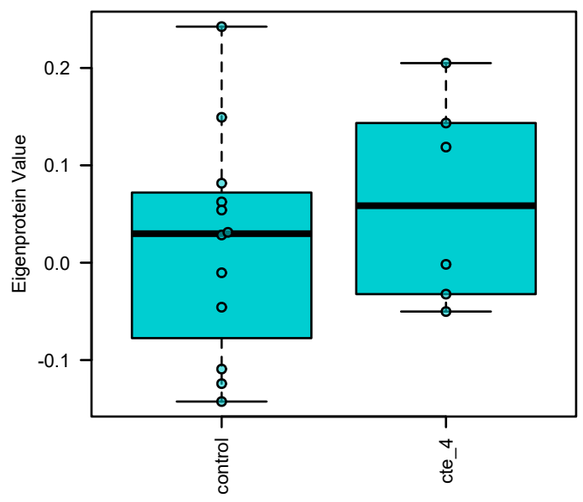

M23 darkturquoise
T-test p = 0.18
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

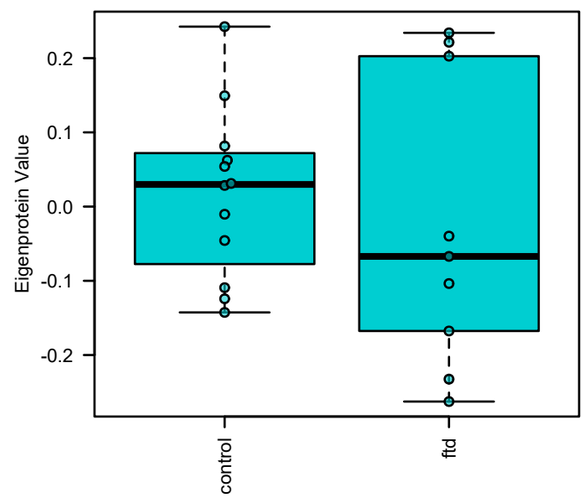

M23 darkturquoise
T-test p = 0.073
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

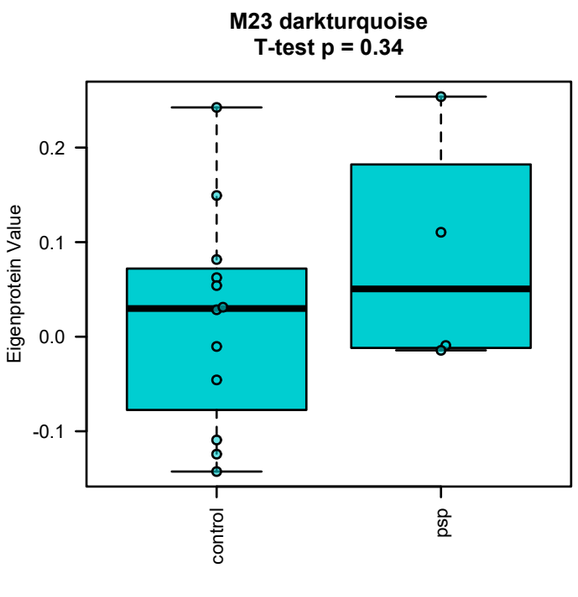

M23 darkturquoise
T-test p = 0.43
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

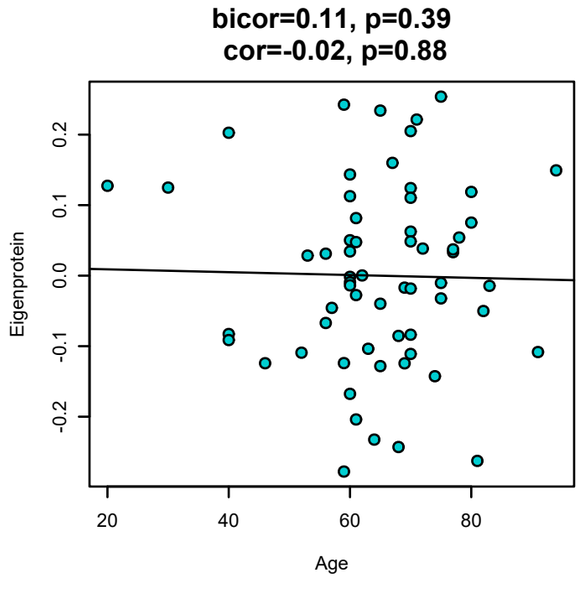

M23 darkturquoise
T-test p = 0.53
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

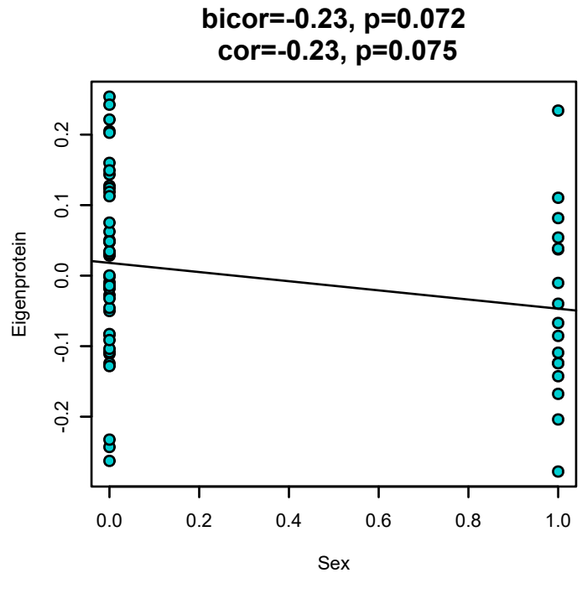

M23 darkturquoise
T-test p = 0.23
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

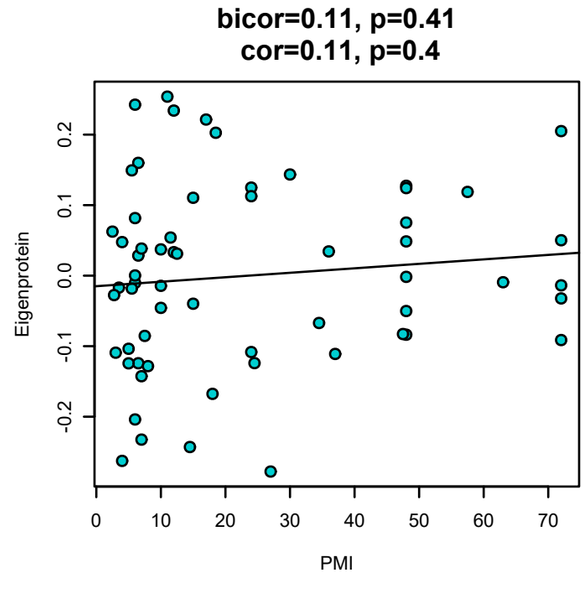

M23 darkturquoise
T-test p = 0.42
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4

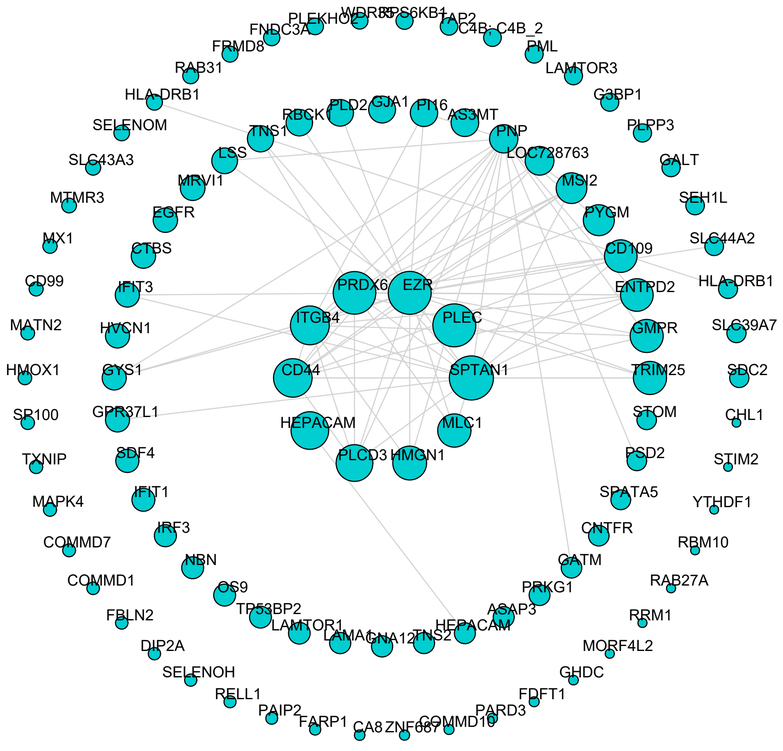

M23 darkturquoise
T-test p = 0.54
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ftd

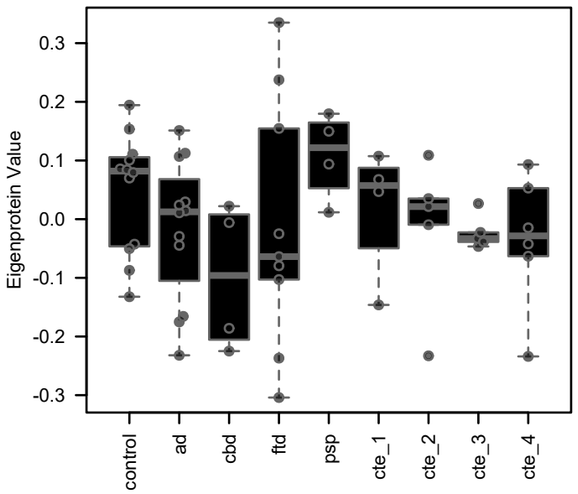

M23 darkturquoise
T-test p = 0.34
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

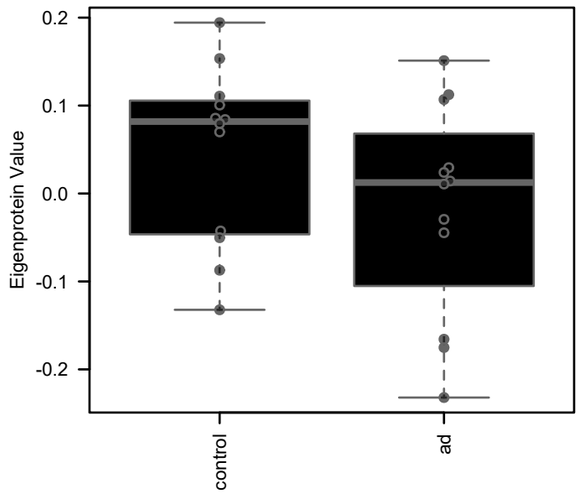

bicor=0.11, p=0.39
cor=-0.02, p=0.88
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

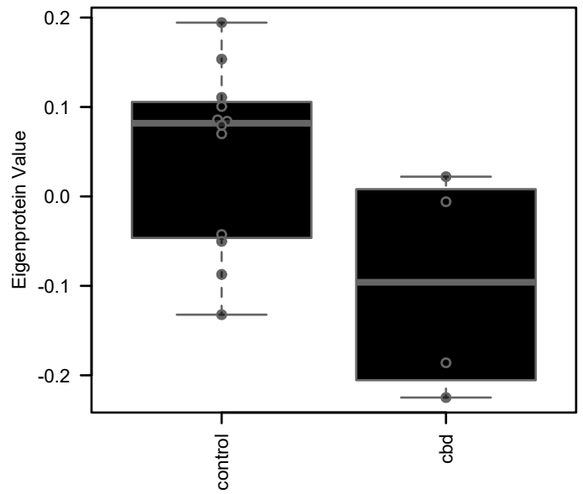

bicor=-0.23, p=0.072
cor=-0.23, p=0.075
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

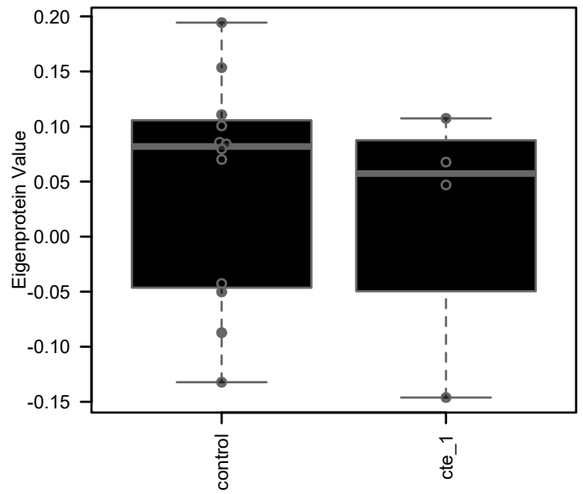

bicor=0.11, p=0.41
cor=0.11, p=0.4
Eigenprotein
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

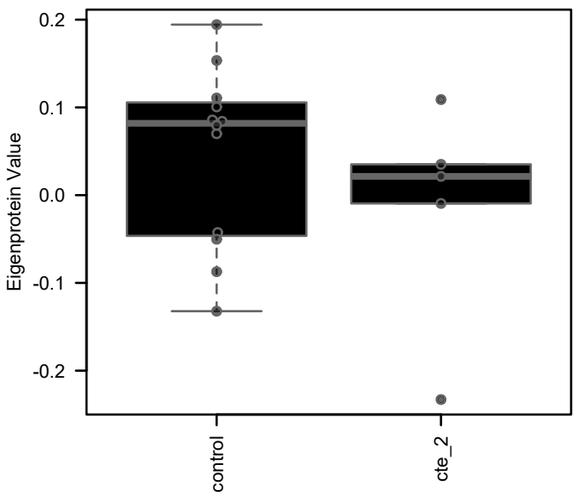

M23 darkturquoise module
PLEKHO2
WDR83
RPS6KB1
FNDC3A
TAP2
C4B; C4B_2
FRMD8
PML
RAB31
LAMTOR3
HLA-DRB1
G3BP1
SELENOM
RBCK1
PLD2
GJA1
PI16
AS3MT
PLPP3
TNS1
PNP
LSS
LOC728763
GALT
SLC43A3
MRVI1
MSI2
MTMR3
SEH1L
EGFR
PYGM
MX1
SLC44A2
CTBS
CD109
CD99
IFIT3
PRDX6
EZR
ENTPD2
HLA-DRB1
MATN2
HVCN1
ITGB4
PLEC
GMPR
SLC39A7
HMOX1
GYS1
CD44
SPTAN1
TRIM25
SDC2
SP100
GPR37L1
STOM
CHL1
HEPACAM
MLC1
TXNIP
SDF4
PLCD3
HMGN1
PSD2
STIM2
IFIT1
SPATA5
MAPK4
YTHDF1
IRF3
CNTFR
COMMD7
RBM10
NBN
GATM
COMMD1
OS9
PRKG1
RAB27A
FBLN2
TP53BP2
ASAP3
RRM1
LAMTOR1
LAMA4
GNA12
TNS2
HEPACAM
DIP2A
MORF4L2
SELENOH
GHDC
RELL1
FDFT1
PAIP2
PARD3
FARP1
CA8
ZNF667
COMMD10
M23 darkturquoise module hubs connected by top 150 TOM edges: HUB^degree
HLA-DRB1^1
HLA-DRB1
GPR37L1^1
TNS1^2
RBCK1^1
CD109^4
MLC1^3
IFIT3^2
PRDX6^11
SPTAN1^15
HEPACAM^1
SLC44A2^1
TRIM25^4
ENTPD2^6
HEPACAM^1
CD44^10
MSI2^6
EZR^22
GMPR^4
PLCD3^6
GATM^1
ITGB4^13
PNP^16
LOC728763^3
GYS1^3
PLD2^1
HMGN1^3
PI16^3
LSS^2
PYGM^2
PSD2^1

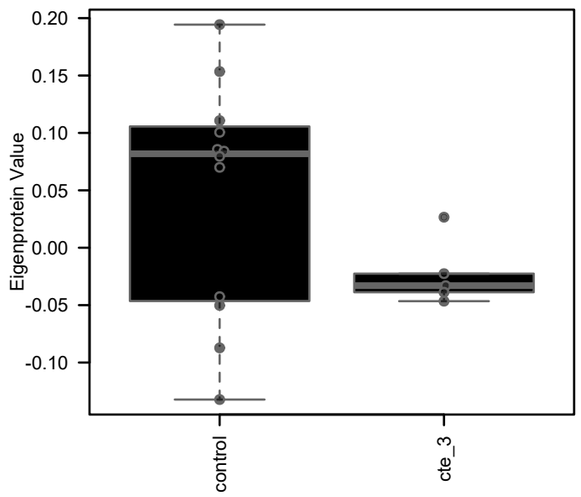

M7 black
1-way AOV p = 0.47
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

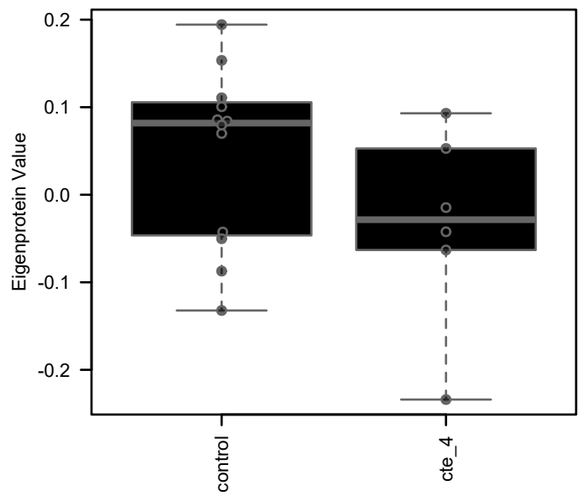

M7 black
T-test p = 0.17
Eigenprotein Value
control
ad

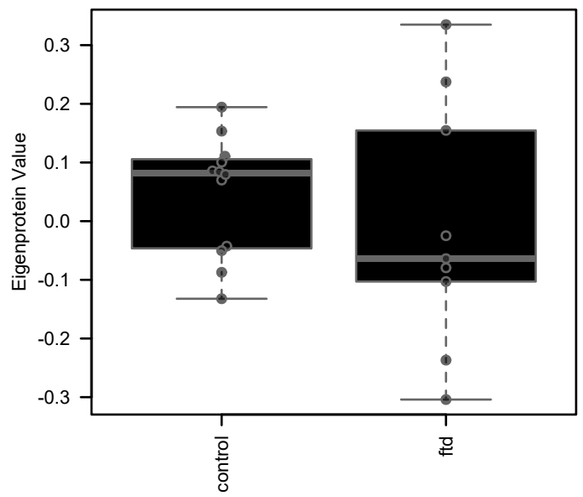

M7 black
T-test p = 0.033
Eigenprotein Value
control
cbd

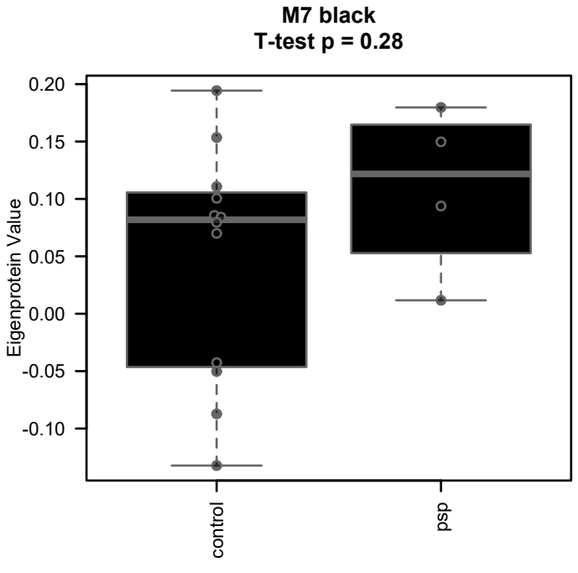

M7 black
T-test p = 0.64
Eigenprotein Value
control
cte_1

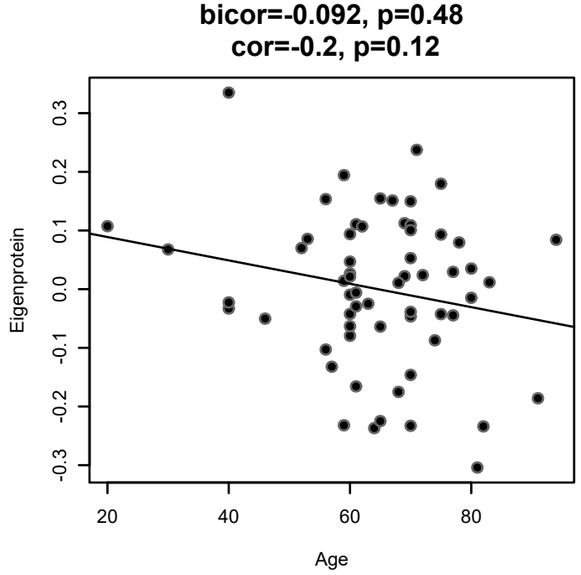

M7 black
T-test p = 0.3
Eigenprotein Value
control
cte_2

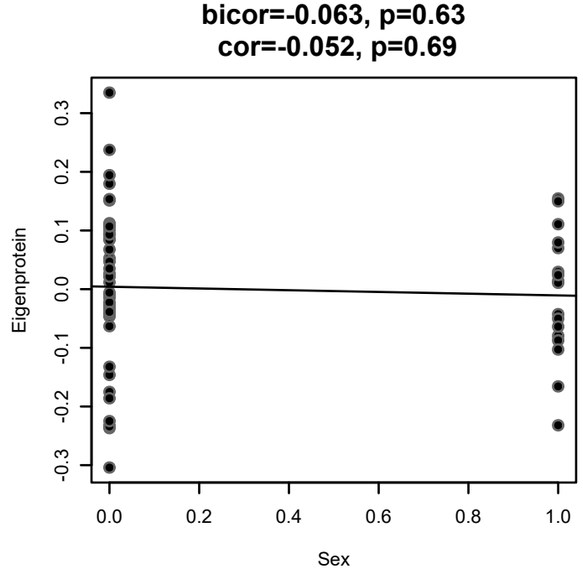

M7 black
T-test p = 0.15
Eigenprotein Value
control
cte_3

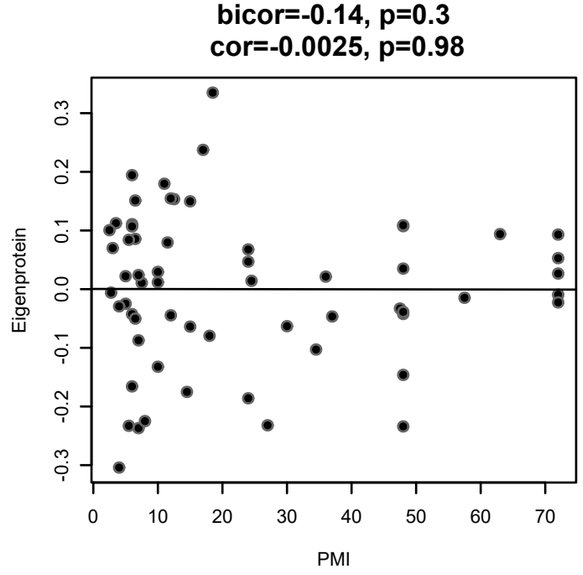

M7 black
T-test p = 0.14
Eigenprotein Value
control
cte_4


M7 black
T-test p = 0.43
Eigenprotein Value
control
ftd

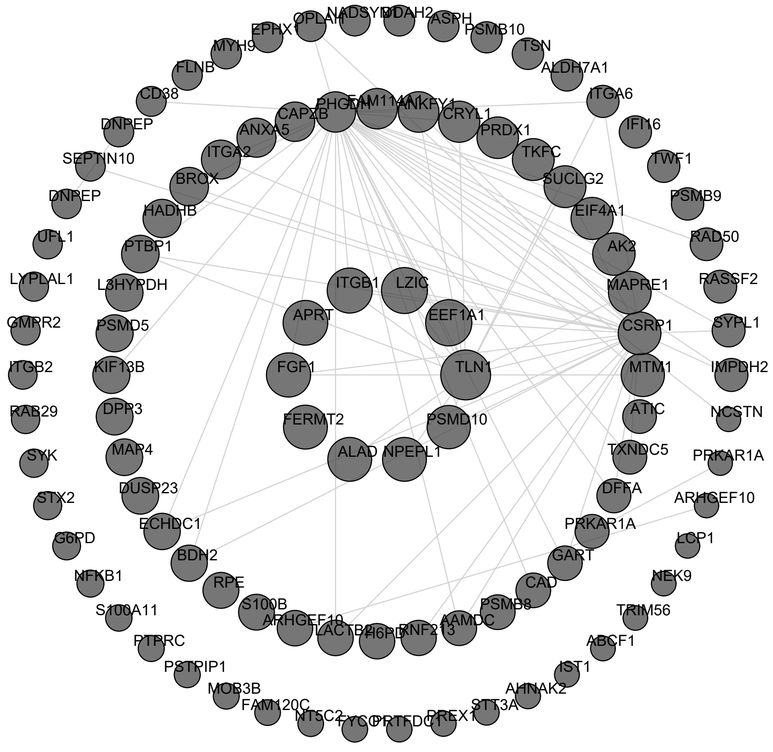

M7 black
T-test p = 0.28
Eigenprotein Value
control
psp


bicor=-0.092, p=0.48
cor=-0.2, p=0.12
Eigenprotein
Age

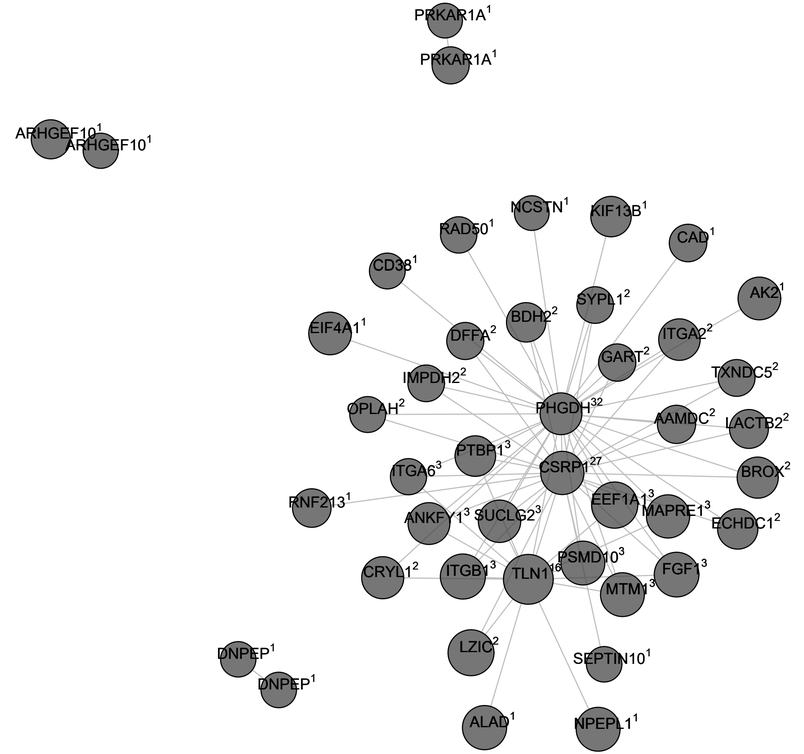

bicor=-0.063, p=0.63
cor=-0.052, p=0.69
Eigenprotein
Sex

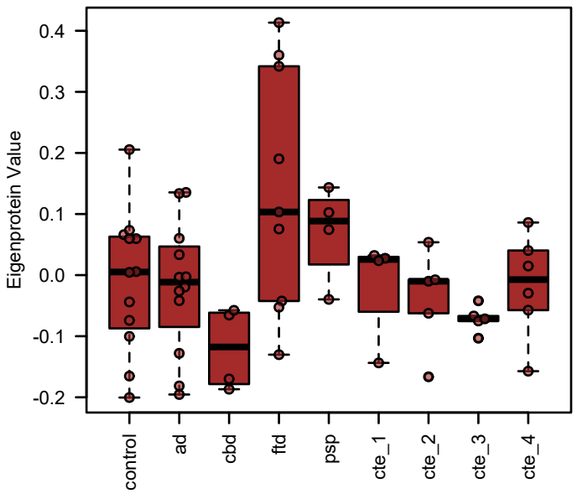

bicor=-0.14, p=0.3
cor=-0.0025, p=0.98
Eigenprotein
PMI

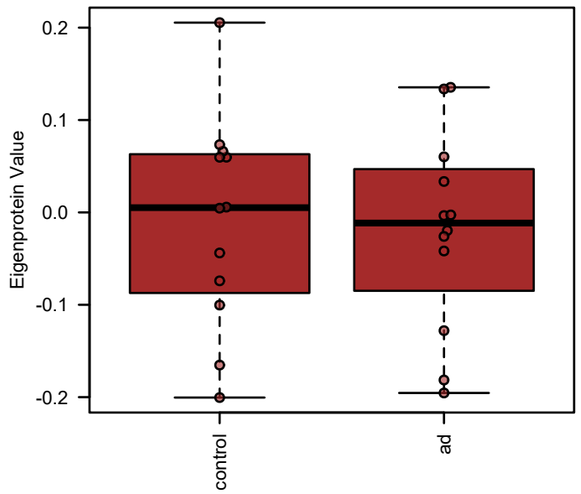
M7 black module

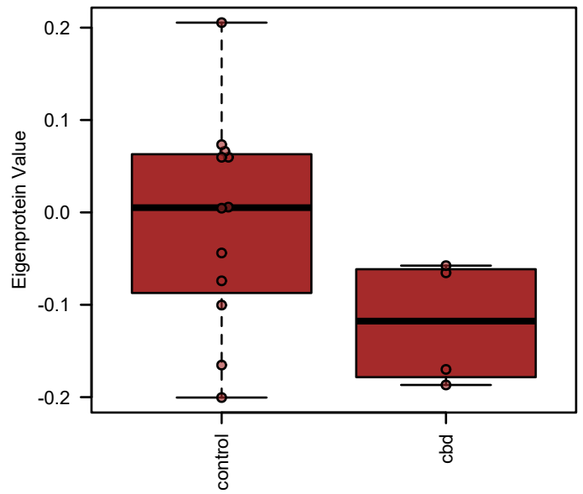


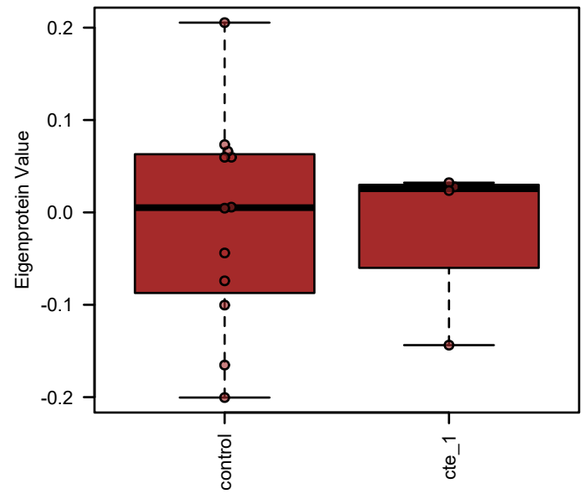
M7 black module hubs connected by top 150 TOM edges: HUB^{degree}

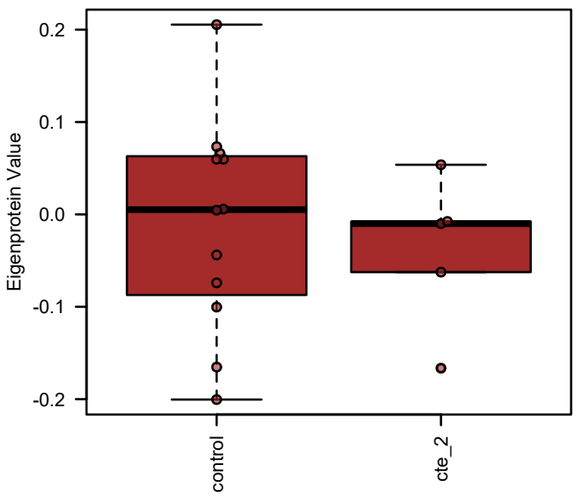


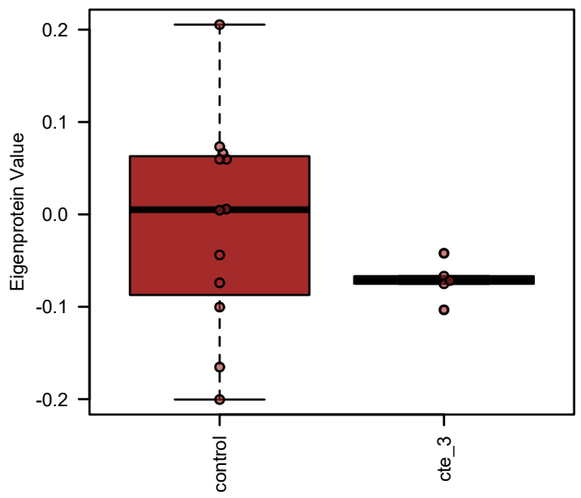

M3 brown
1-way AOV p = 0.014
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

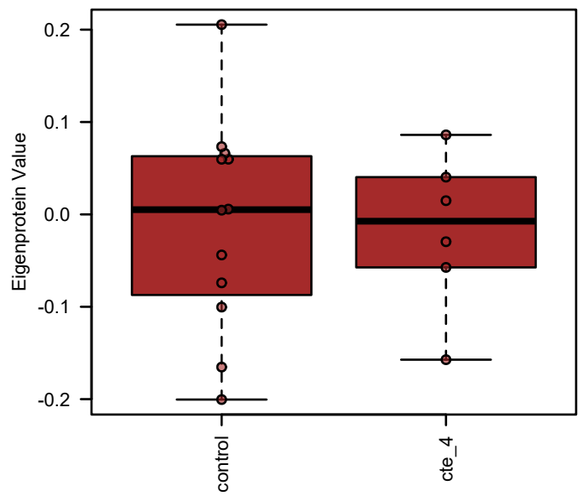

M3 brown
T-test p = 0.82
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

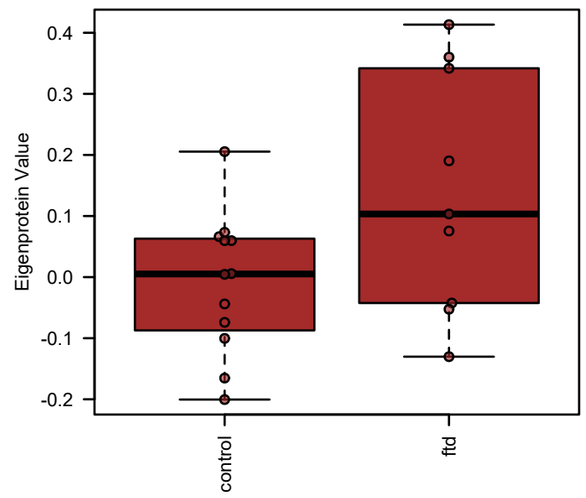

M3 brown
T-test p = 0.091
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cbd

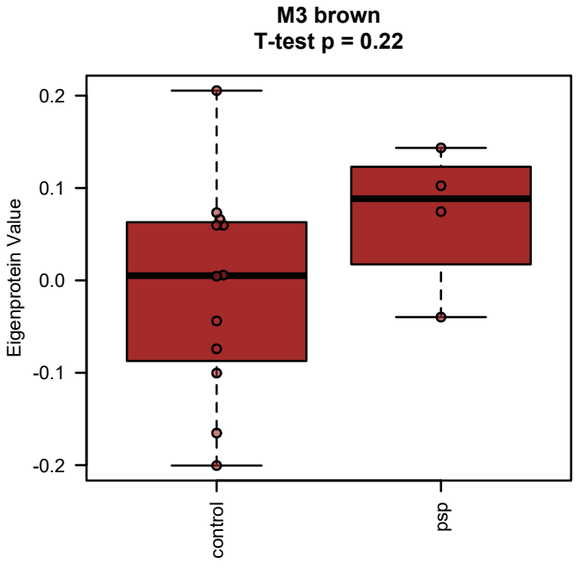

M3 brown
T-test p = 0.93
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

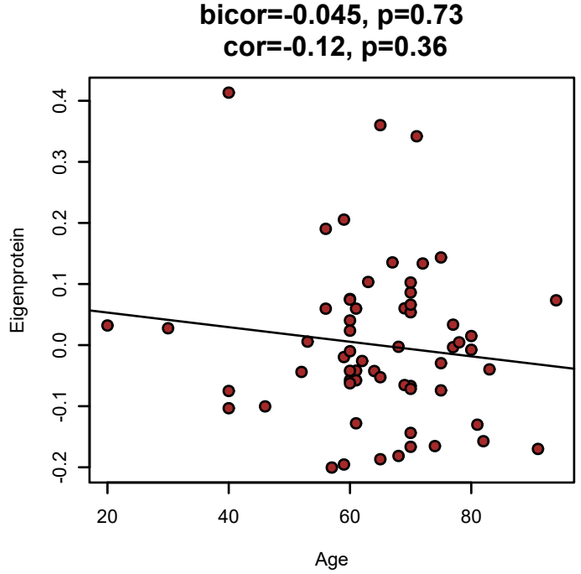

M3 brown
T-test p = 0.61
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_2

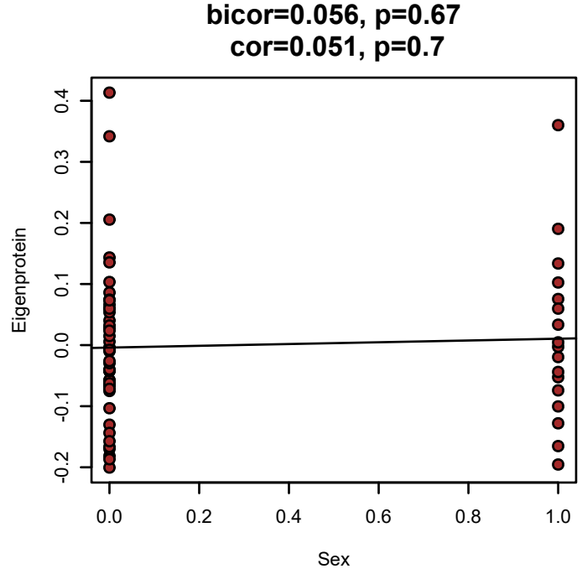

M3 brown
T-test p = 0.25
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_3

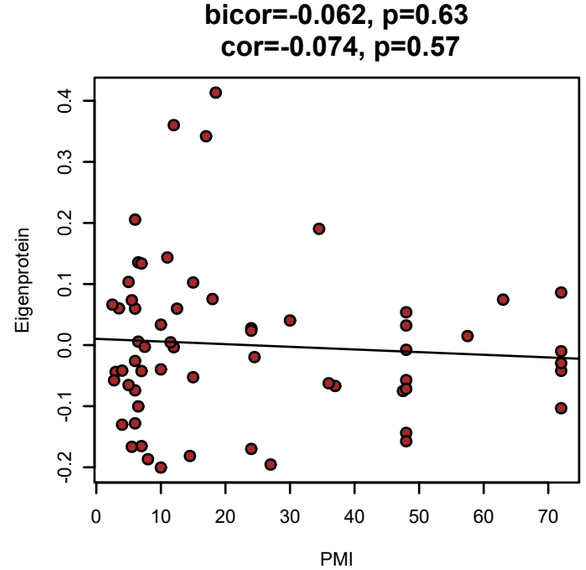

M3 brown
T-test p = 0.88
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4

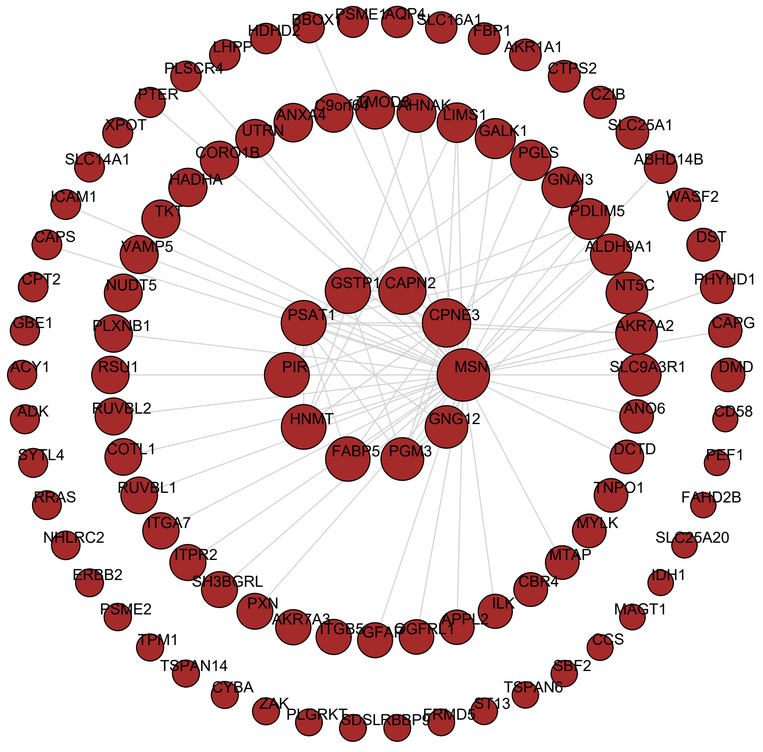

M3 brown
T-test p = 0.042
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

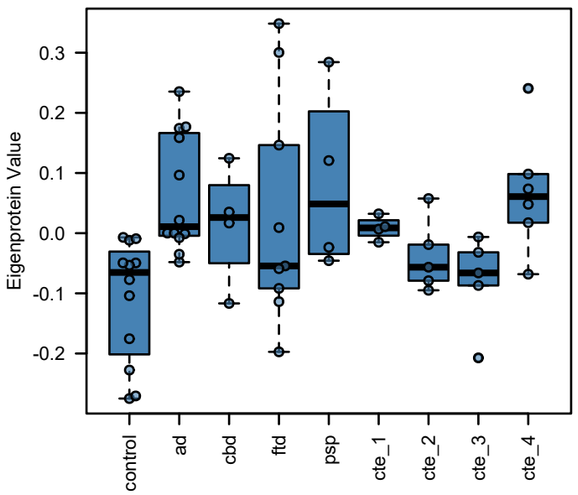

M3 brown
T-test p = 0.22
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
psp

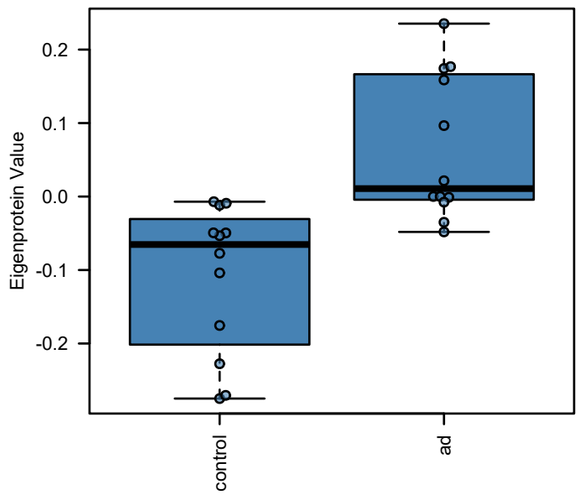

bicor=-0.045, p=0.73
cor=-0.12, p=0.36
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

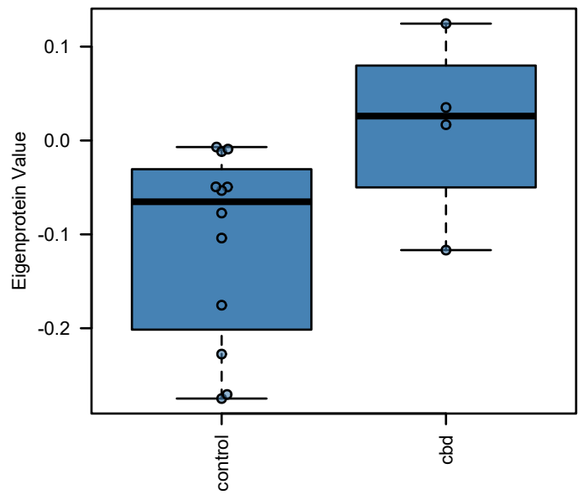

bicor=0.056, p=0.67
cor=0.051, p=0.7
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

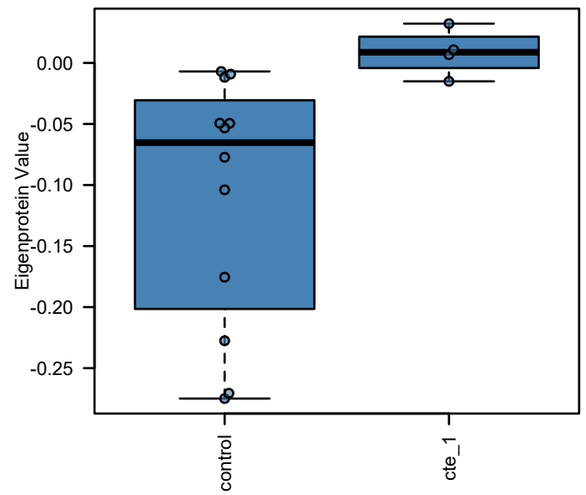

bicor=-0.062, p=0.63
cor=-0.074, p=0.57
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

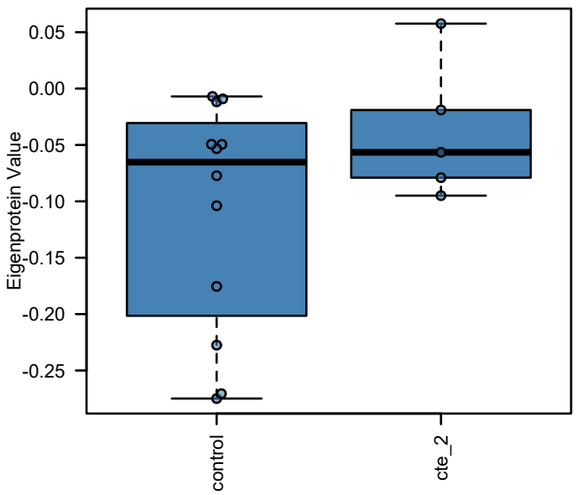

M3 brown module
BBOX1
PSME1
AQP4
SLC16A1
FBP1
AKR1A1
HDHD2
LHPP
CTPS2
PLSCR4
CZIB
PTER
SLC25A1
XPOT
ANXA4
C9orf24
MOCS1
AHNAK
LIMS1
GALK1
UTRN
CORO1B
PGLS
ABHD14B
SLC4A1
HADHA
GNAI3
WASF2
ICAM1
TKT
PDLIM5
DST
CAPS
VAMP5
ALDH9A1
PHYHD1
CPT2
NUDT5
GSTP1
CAPN2
NT5C
GBE1
PLXNB1
PSAT1
CPNE3
AKR7A2
CARG
ACY1
RSU1
PIR
MSN
SLC9A3R1
DMD
ADK
RUVBL2
HNMT
GNG12
ANO6
CD58
SYTL4
COTL1
FABP5
PGM3
DCTD
PSEF1
RRAS
RUVBL1
TNPO1
FAHD2B
NHLRC2
ITGA7
MYLK
SLC25A20
ITPR2
MTAP
IDH1
ERBB2
SH3BGRL
CBR4
PSME2
PXN
ILK
MAGT1
AKR7A3
TPM1
ITGB5
GFAP
PDGFRL
APPL2
CCS
TSPAN14
SBF2
CYBA
TSPAN6
ZAK
ST13
PLEKHA7
SDSL
FERMD5
RBBP5
M3 brown module hubs connected by top 150 TOM edges: HUB^degree
OGFRL1^1
TMOD3^1
PHYHD1^1
ICAM1^1
SLC9A3R1^1
CAPS^1
SH3BGRL^1
ITGA7^1
GNAI3^1
ALDH9A1^3
PGLS^2
VAMP5^1
RSU1^1
AHNAK^2
LIMS1^3
FABP5^3
GFAP^1
PGM3^7
ILK^1
PXN^1
HNMT^6
PSAT1^12
AKR7A2^3
UTRN^1
MSN^15
CPNE3^11
PLSCR4^1
ITPR2^1
GNG12^3
PDLIM5^4
PIR^4
GSTP1^6
APPL2^1
COTL1^1
RUVBL2^1
CAPN2^5
MTAP^1
BBOX1^1
PLXNB1^1
DCTD^1
PTER^1
CAPG^1
ANO6^1
TKT^1
ABHD14B^1
RUVBL1^1
GALK1^1

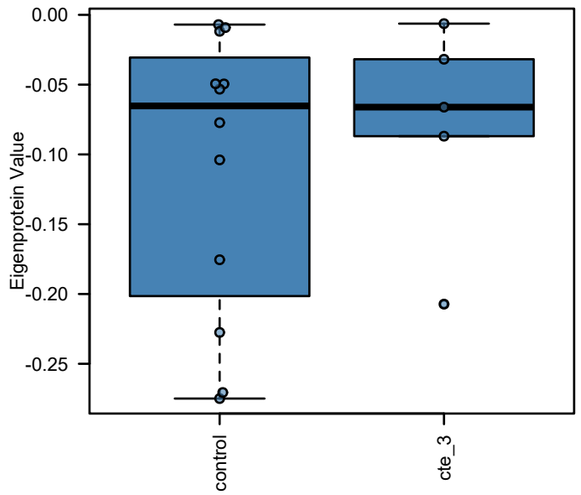

M30 steelblue
1-way AOV p = 0.013
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

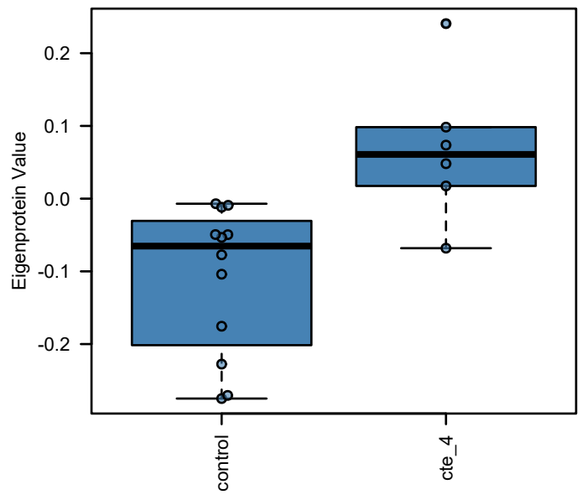

M30 steelblue
T-test p = 0.00032
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
ad

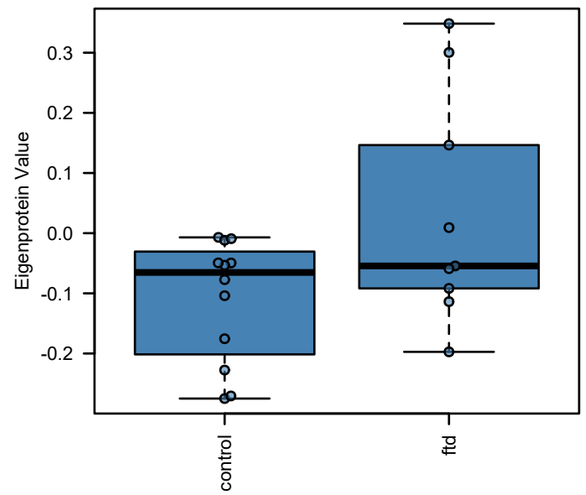

M30 steelblue
T-test p = 0.052
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
cbd

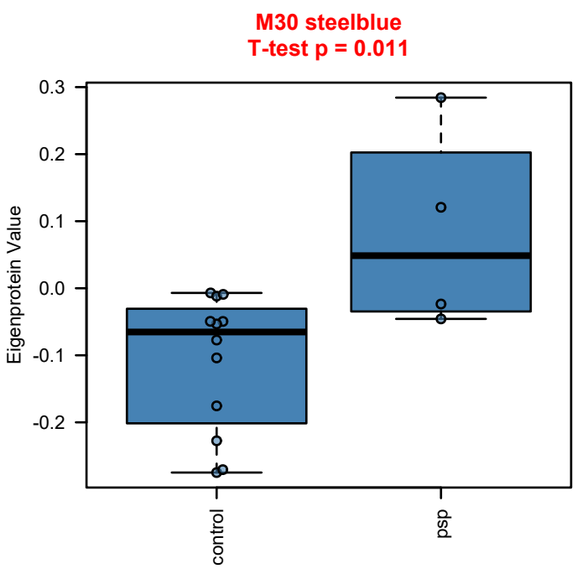

M30 steelblue
T-test p = 0.04
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_1

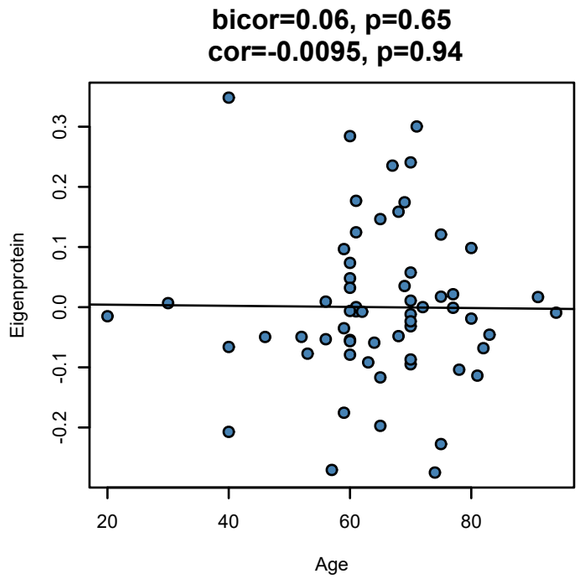

M30 steelblue
T-test p = 0.17
Eigenprotein Value
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_2

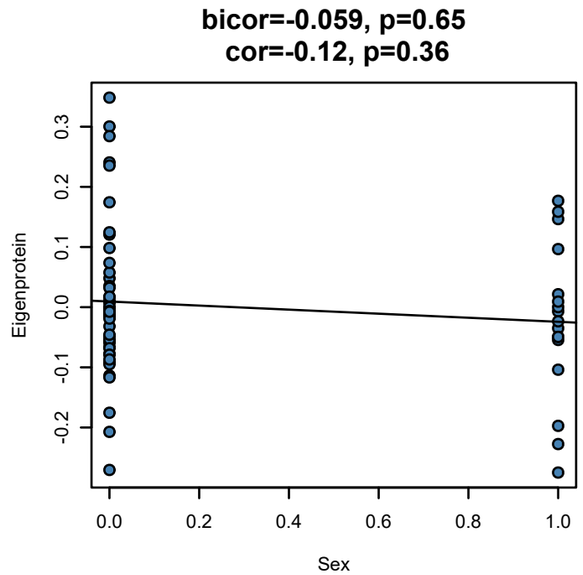

M30 steelblue
T-test p = 0.57
Eigenprotein Value
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
control
cte_3

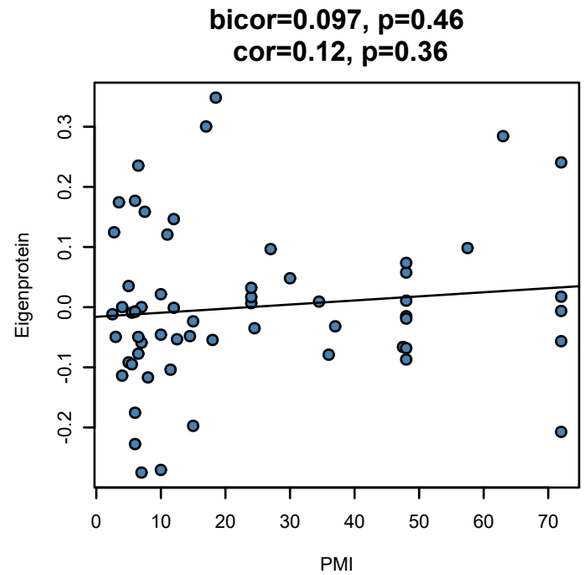

M30 steelblue
T-test p = 0.003
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_4


M30 steelblue
T-test p = 0.041
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ftd

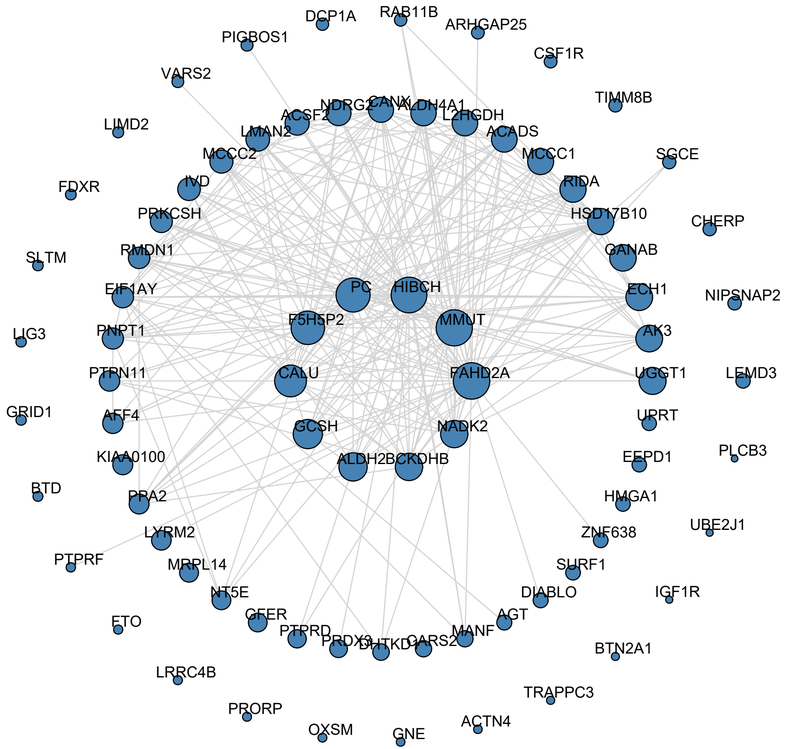

M30 steelblue
T-test p = 0.011
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
psp


bicor=0.06, p=0.65
cor=-0.0095, p=0.94
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

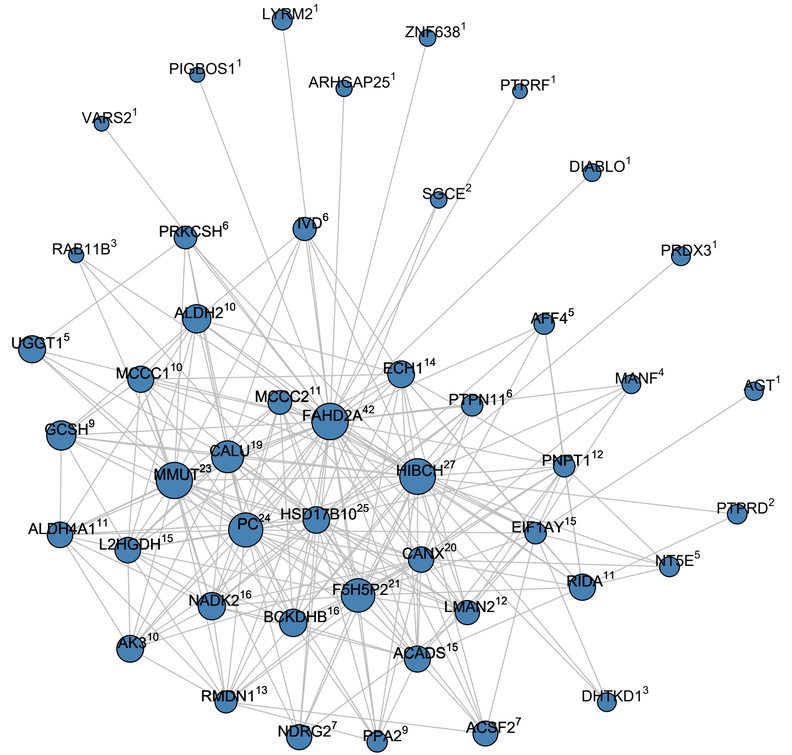

bicor=-0.059, p=0.65
cor=-0.12, p=0.36
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

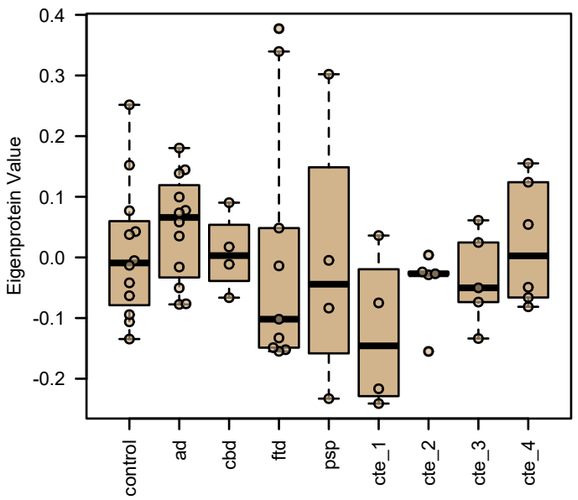

bicor=0.097, p=0.46
cor=0.12, p=0.36
Eigenprotein
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

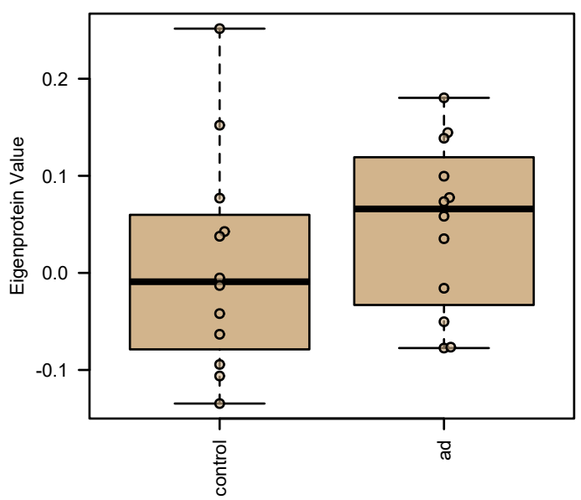
M30 steelblue module

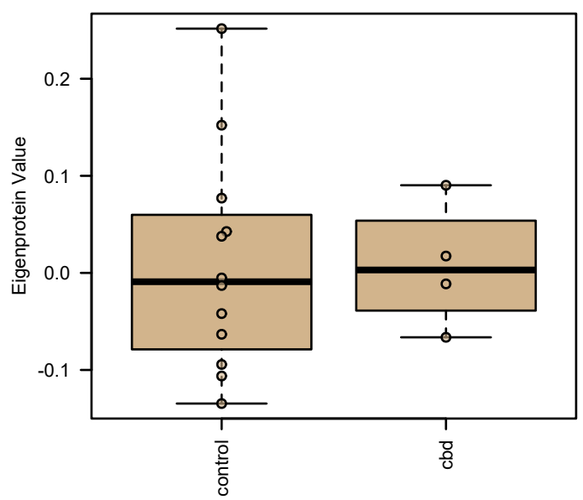


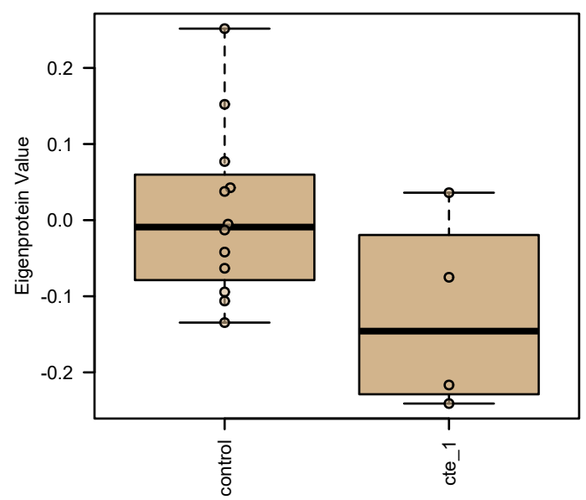
M30 steelblue module hubs connected by top 480 TOM edges: HUB^{degree}

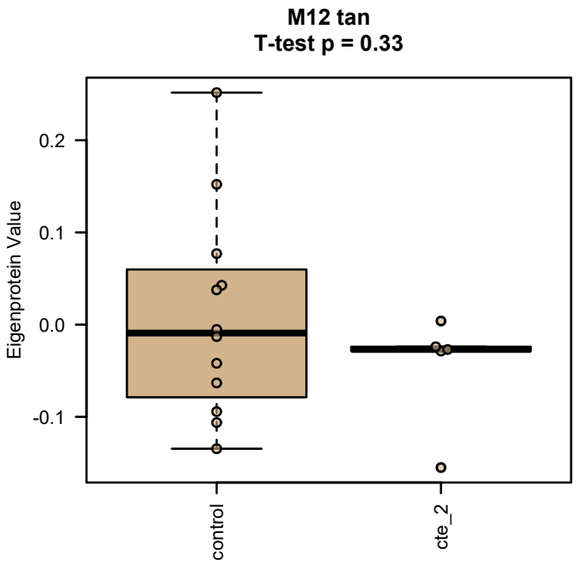


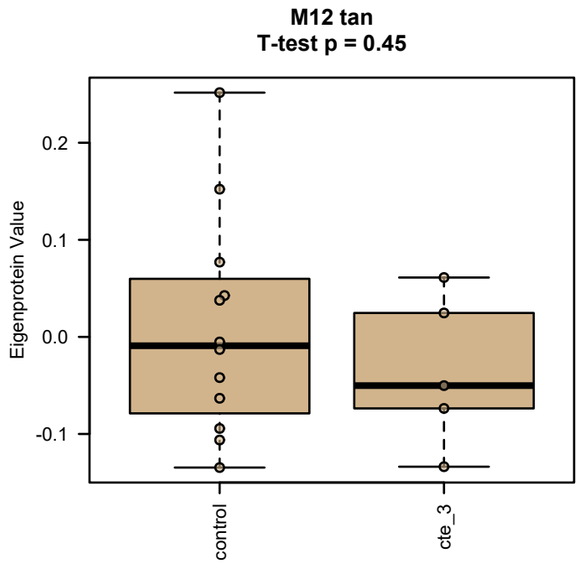

M12 tan
1-way AOV p = 0.59
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

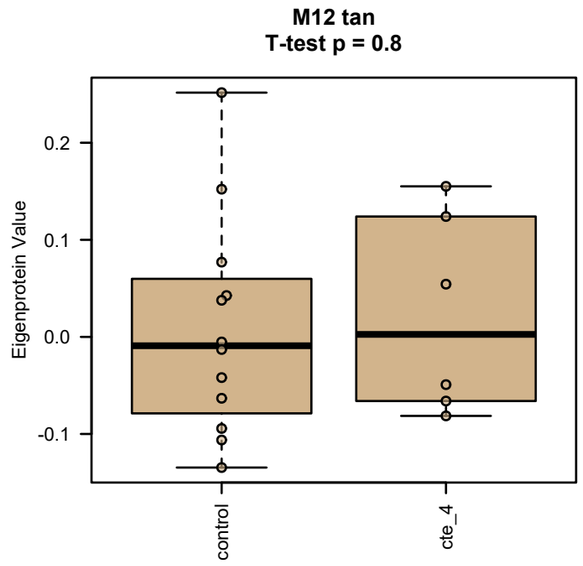

M12 tan
T-test p = 0.34
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

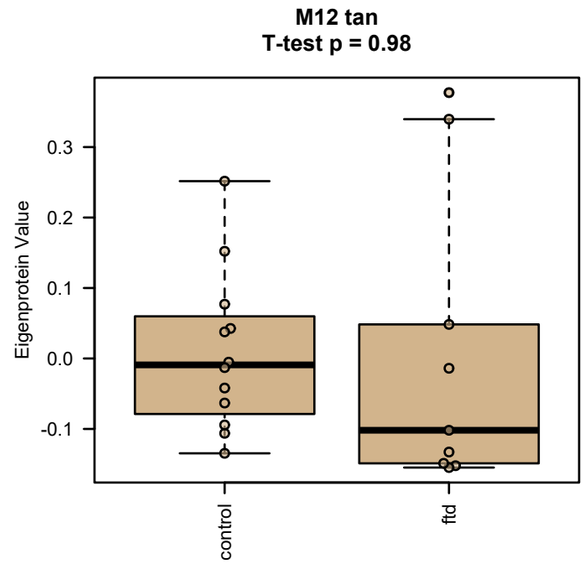

M12 tan
T-test p = 0.99
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

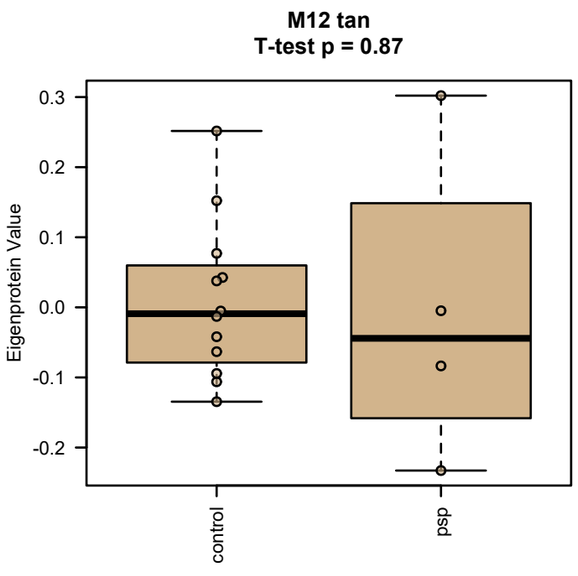

M12 tan
T-test p = 0.068
Eigenprotein Value
0.2
0.1
0.0
-0.1
-0.2
control
cte_1

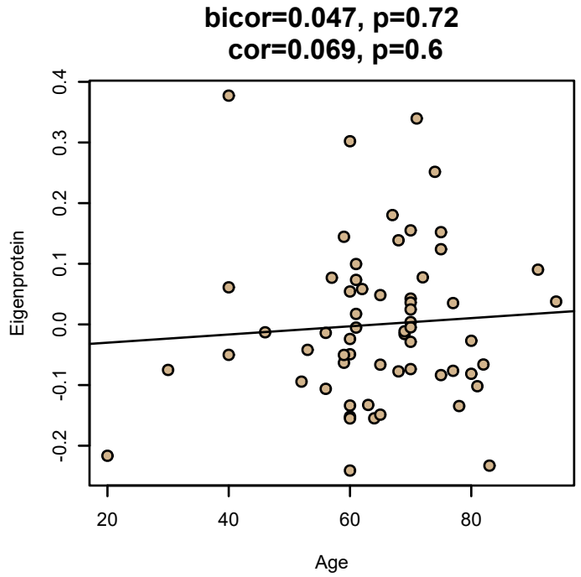

M12 tan
T-test p = 0.33
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

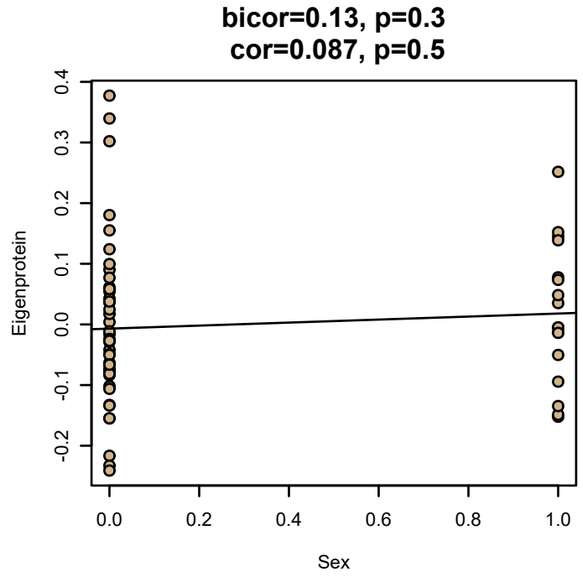

M12 tan
T-test p = 0.45
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

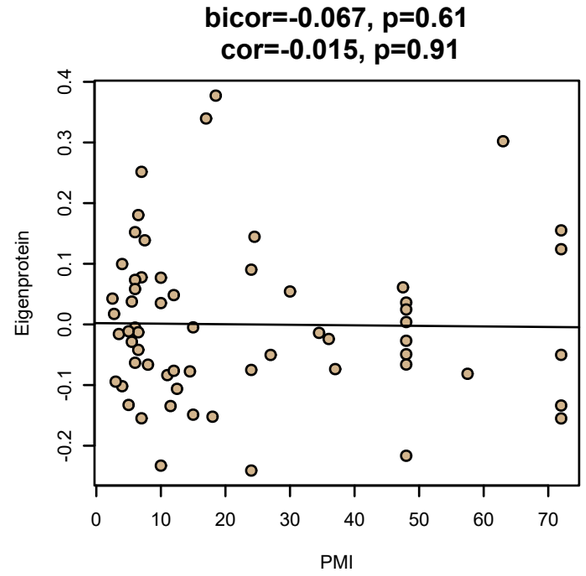

M12 tan
T-test p = 0.8
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4


M12 tan
T-test p = 0.98
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
control
ftd

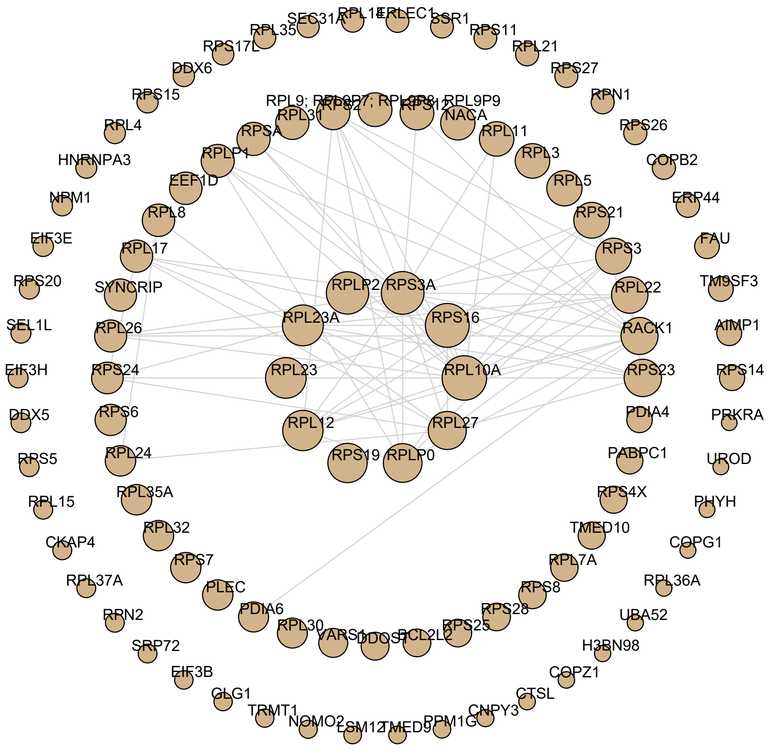

M12 tan
T-test p = 0.87
Eigenprotein Value
0.3
0.2
0.1
0.0
-0.1
-0.2
control
psp


bicor=0.047, p=0.72
cor=0.069, p=0.6
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
20
40
60
80
Age

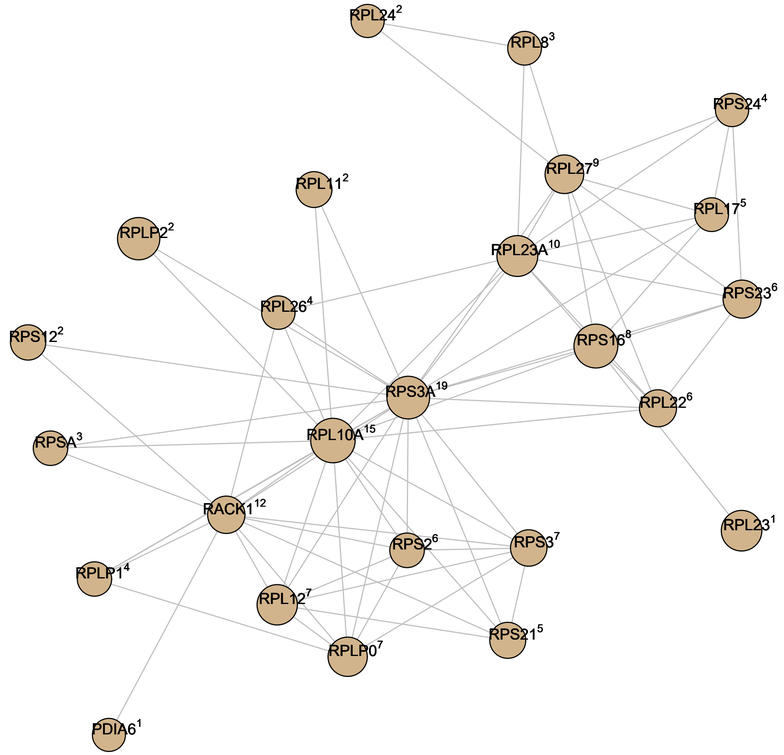

bicor=0.13, p=0.3
cor=0.087, p=0.5
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Sex

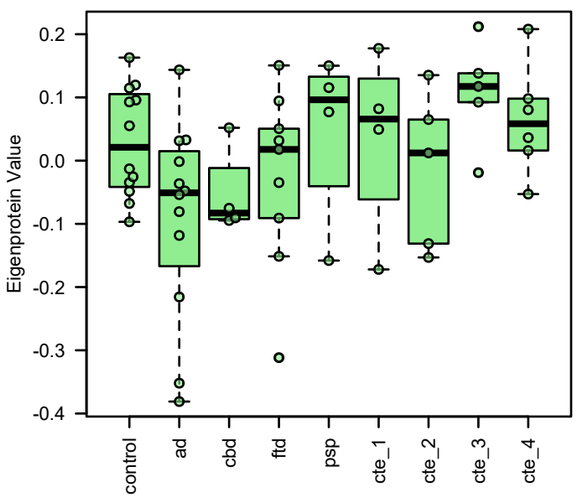

bicor=-0.067, p=0.61
cor=-0.015, p=0.91
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
10
20
30
40
50
60
70
PMI

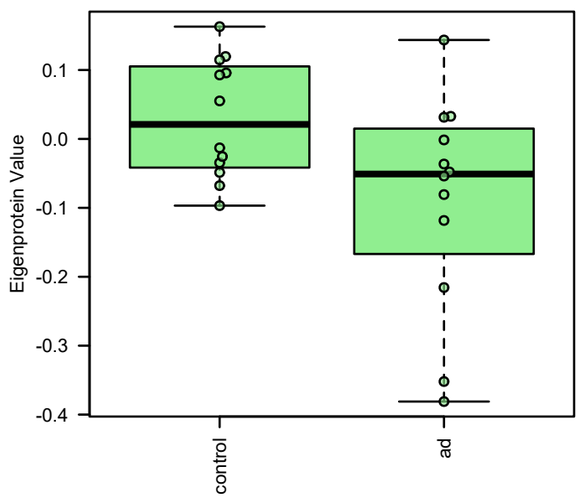
M12 tan module

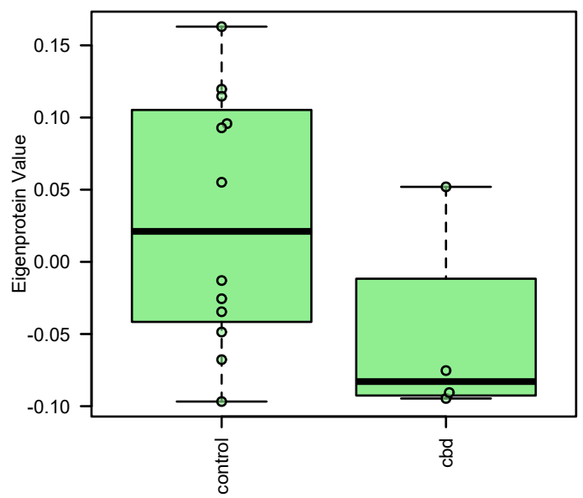


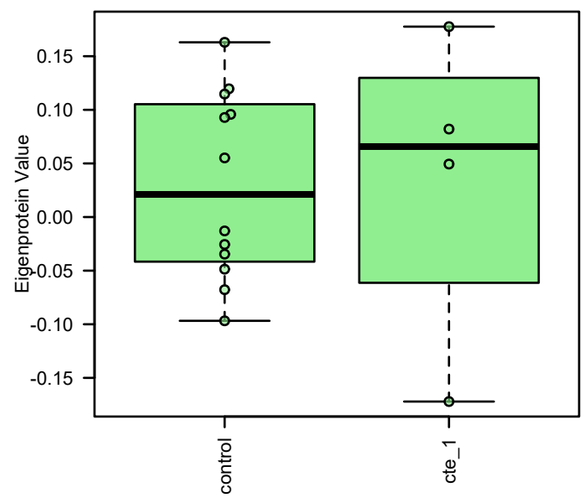
M12 tan module hubs connected by top 150 TOM edges: HUB^{degree}

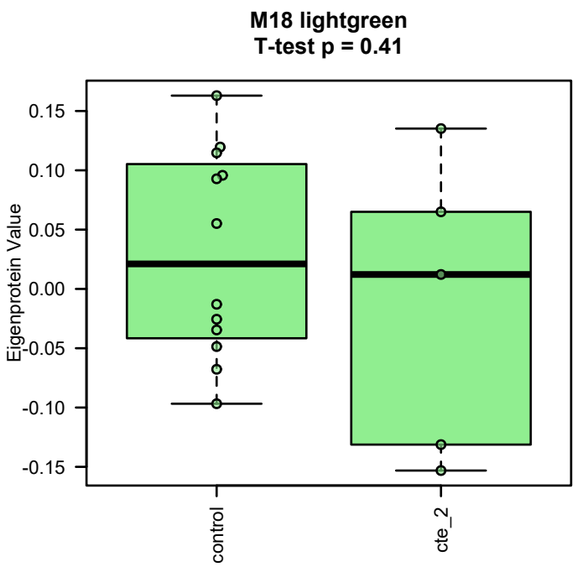


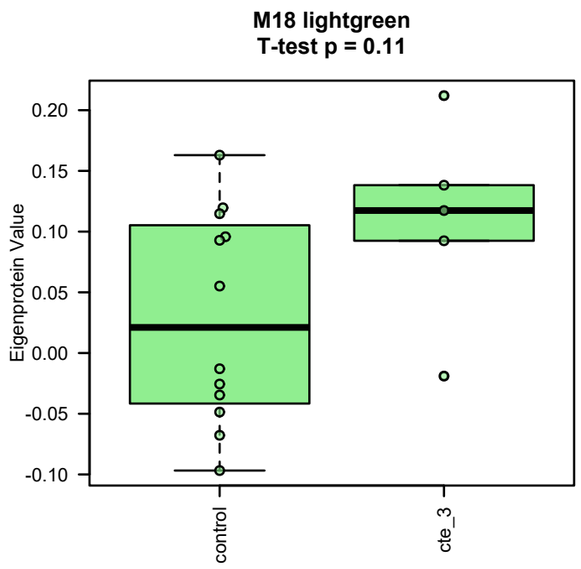

M18 lightgreen
1-way AOV p = 0.086
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

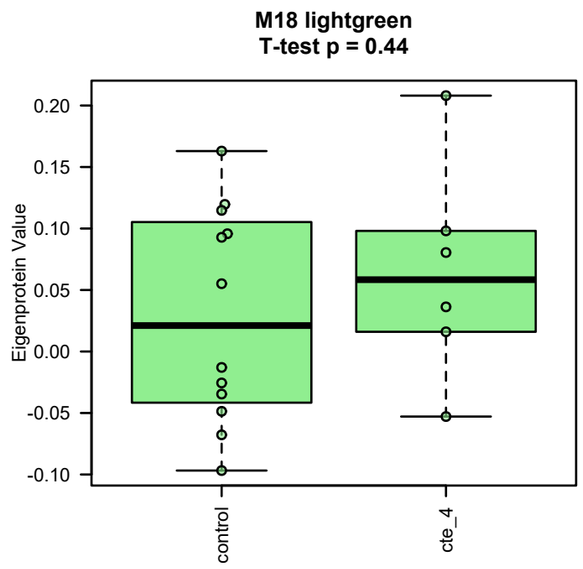

M18 lightgreen
T-test p = 0.03
Eigenprotein Value
control
ad

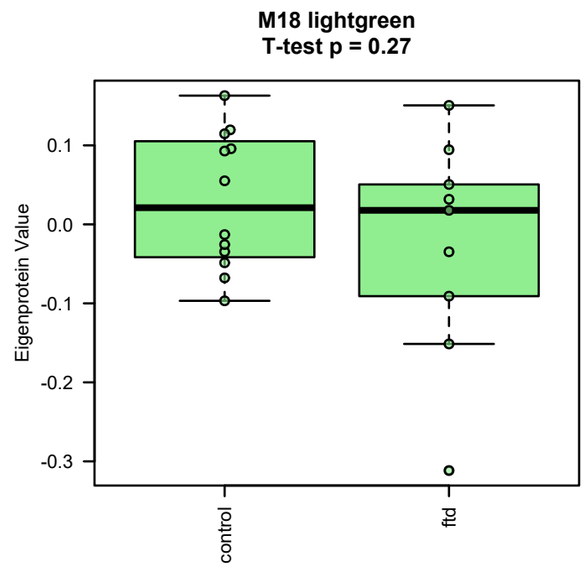

M18 lightgreen
T-test p = 0.11
Eigenprotein Value
control
cbd

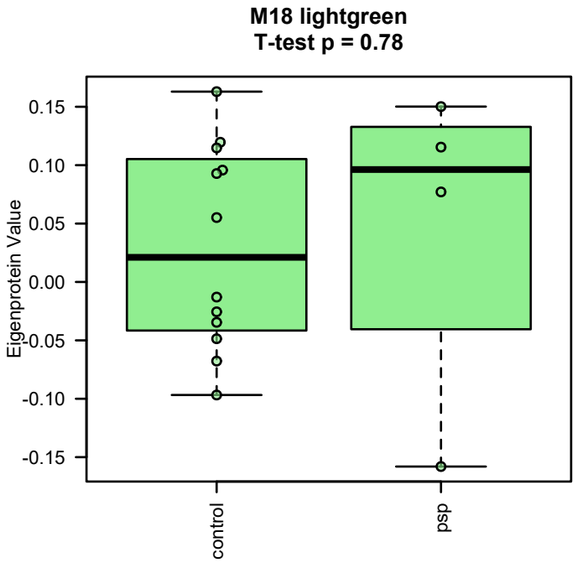

M18 lightgreen
T-test p = 0.94
Eigenprotein Value
control
cte_1

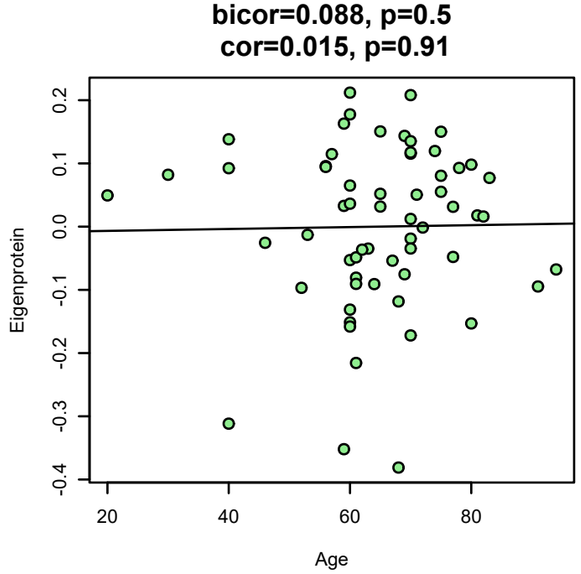

M18 lightgreen
T-test p = 0.41
Eigenprotein Value
control
cte_2

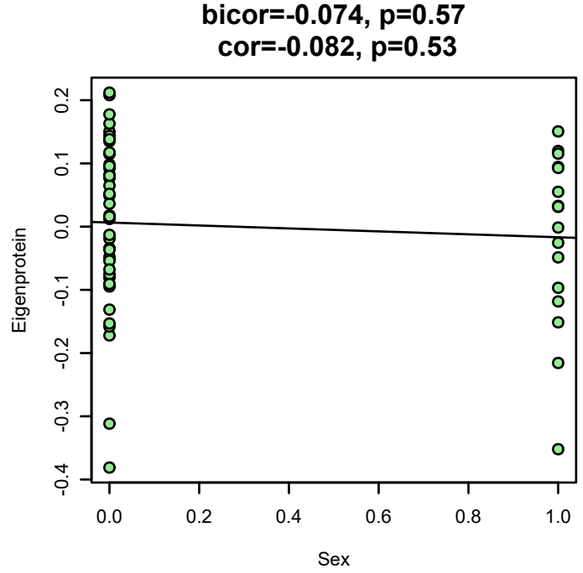

M18 lightgreen
T-test p = 0.11
Eigenprotein Value
control
cte_3

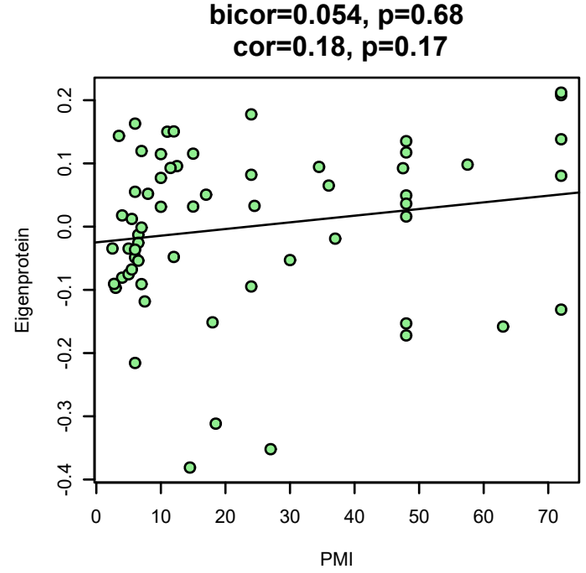

M18 lightgreen
T-test p = 0.44
Eigenprotein Value
control
cte_4


M18 lightgreen
T-test p = 0.27
Eigenprotein Value
control
ftd

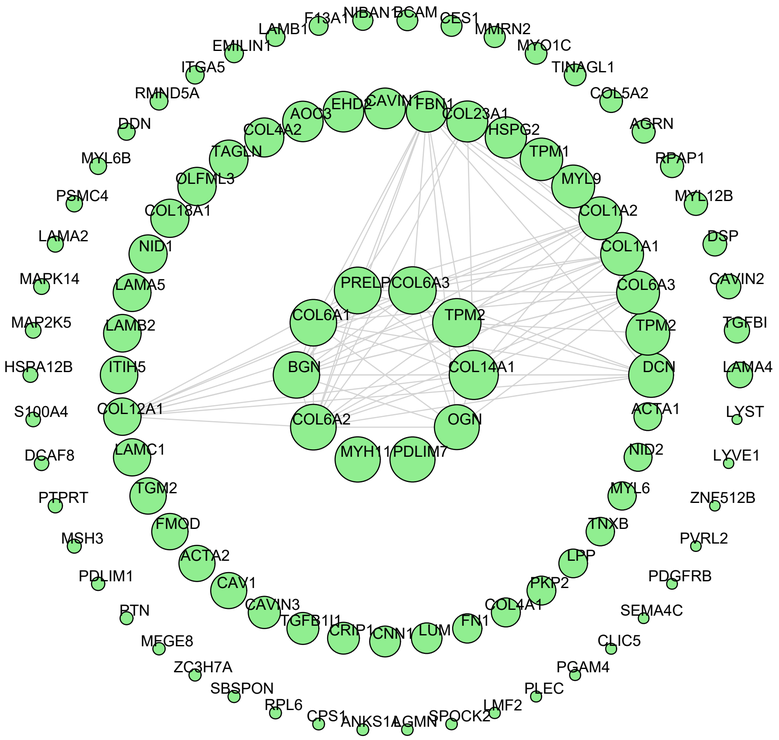

M18 lightgreen
T-test p = 0.78
Eigenprotein Value
control
psp


bicor=0.088, p=0.5
cor=0.015, p=0.91
Eigenprotein
Age

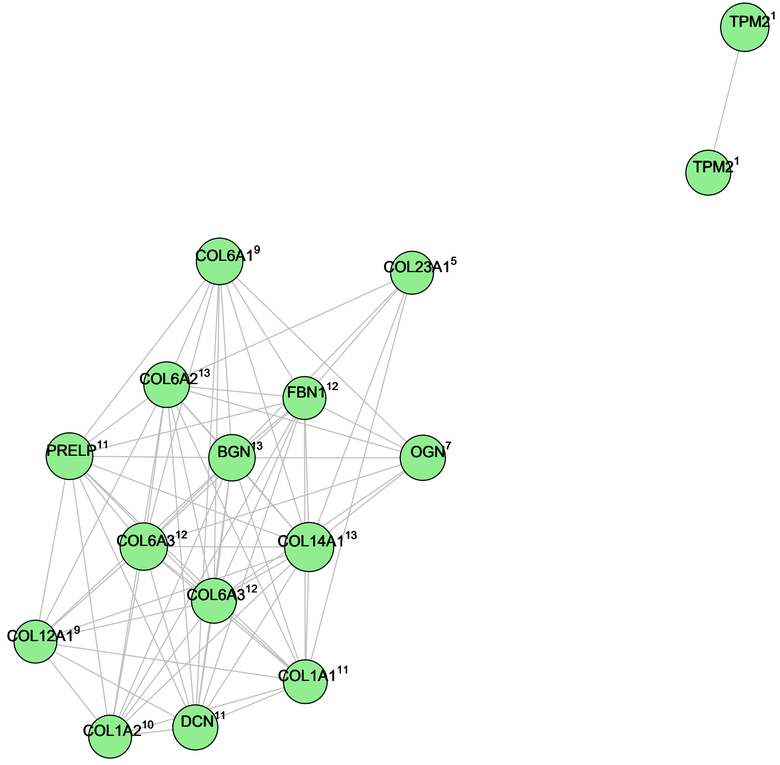

bicor=-0.074, p=0.57
cor=-0.082, p=0.53
Eigenprotein
Sex

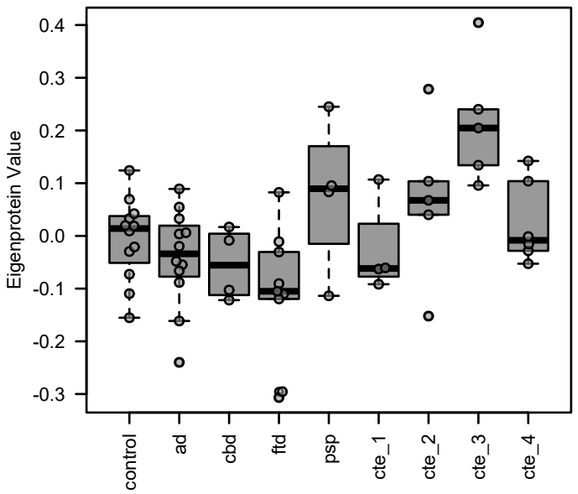

bicor=0.054, p=0.68
cor=0.18, p=0.17
Eigenprotein
PMI

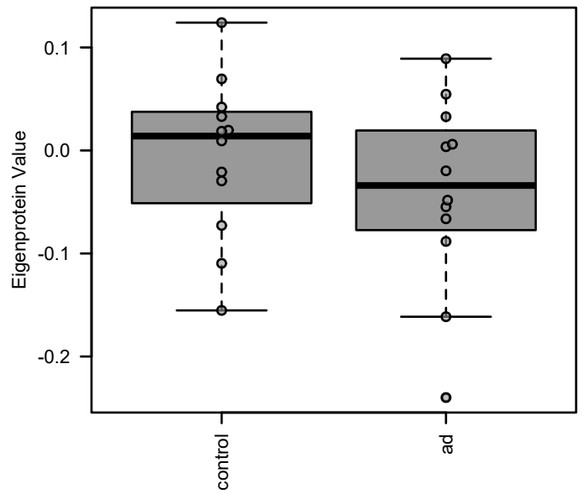
M18 lightgreen module

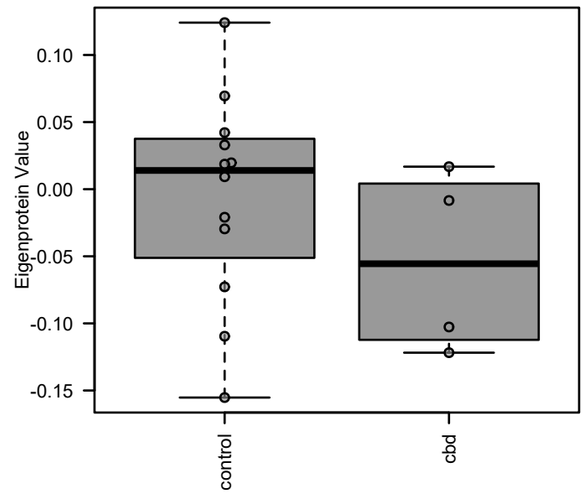


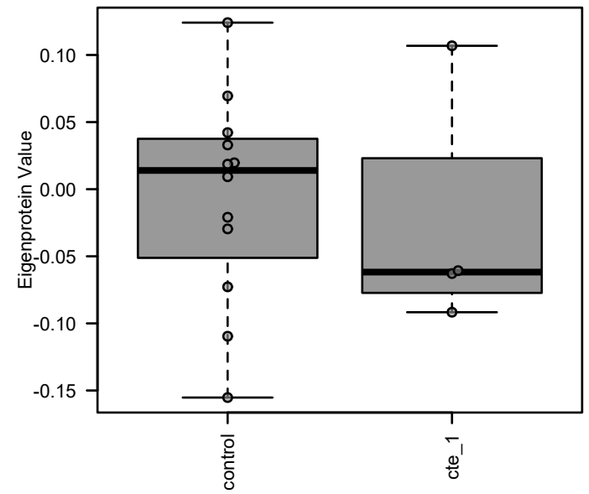
M18 lightgreen module hubs connected by top 150 TOM edges: HUB^{degree}

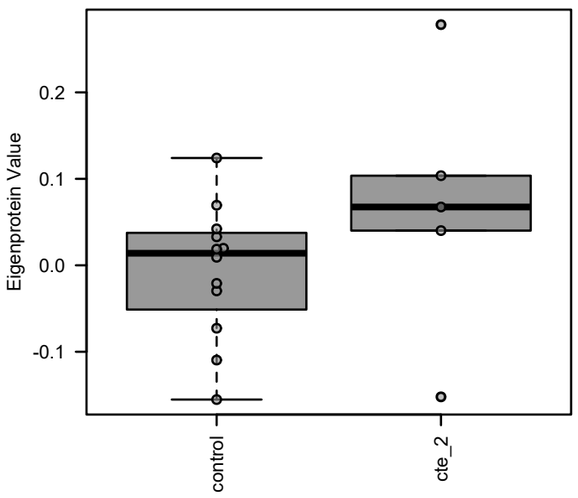


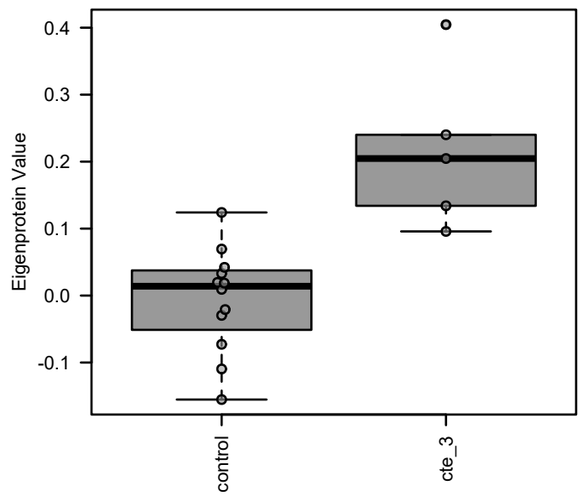

M17 grey60
1-way AOV p = 0.00017
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

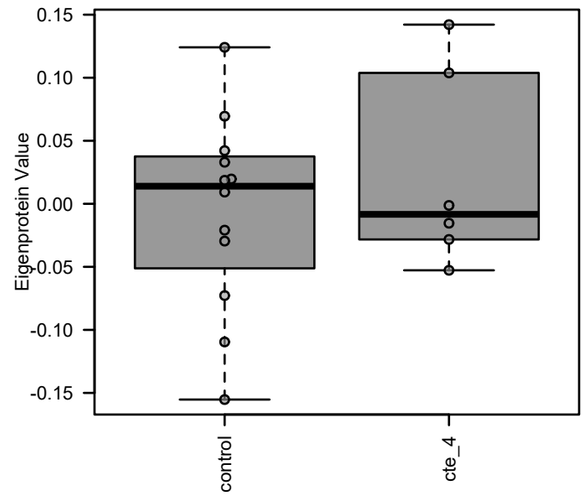

M17 grey60
T-test p = 0.32
Eigenprotein Value
0.1
0.0
-0.1
-0.2
control
ad

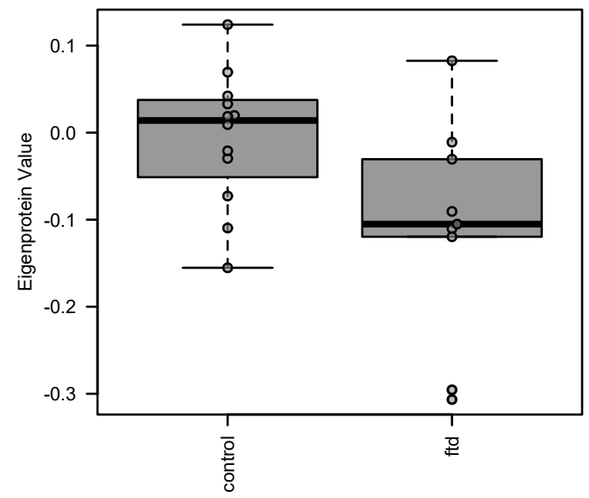

M17 grey60
T-test p = 0.29
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cbd

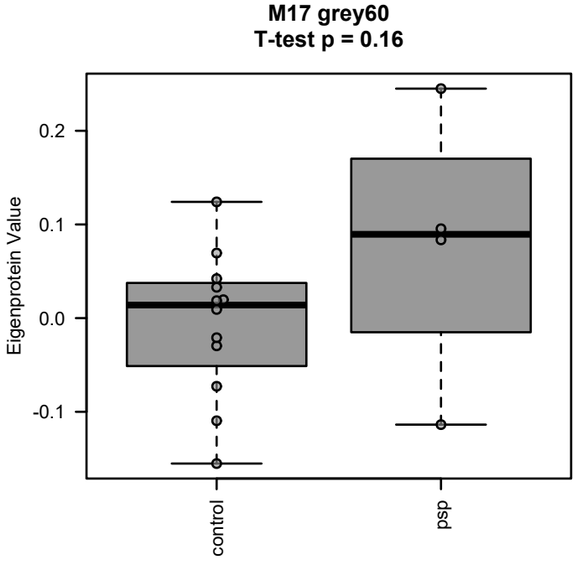

M17 grey60
T-test p = 0.66
Eigenprotein Value
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_1

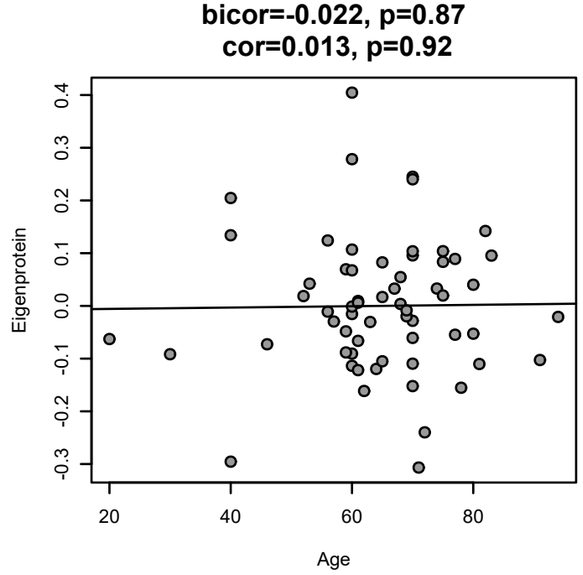

M17 grey60
T-test p = 0.2
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

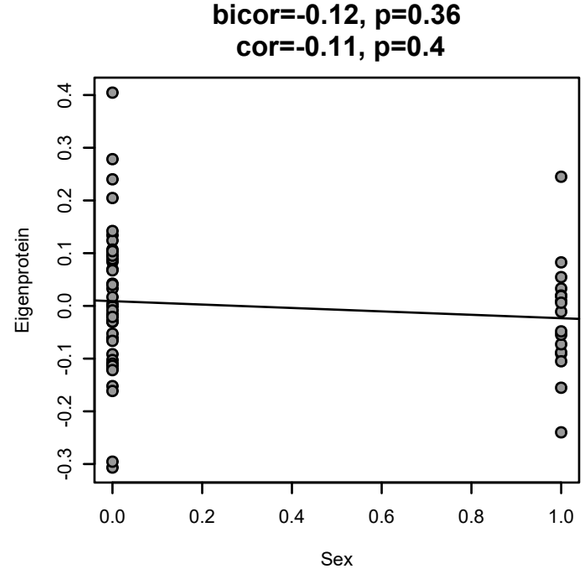

M17 grey60
T-test p = 0.00035
Eigenprotein Value
0.4
0.3
0.2
0.1
0.0
-0.1
control
cte_3

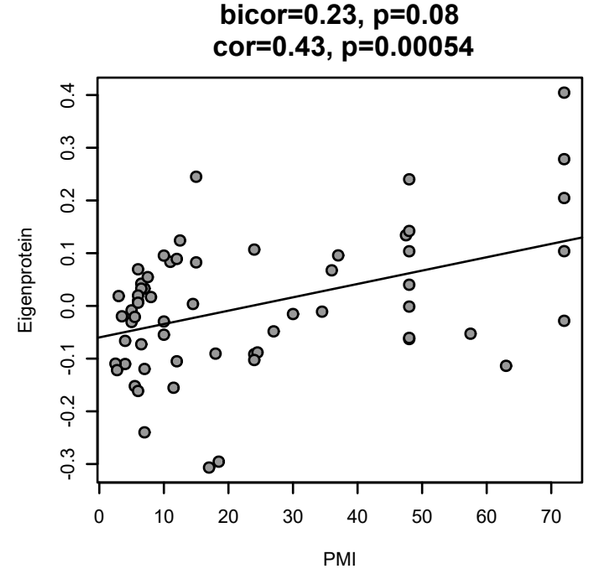

M17 grey60
T-test p = 0.44
Eigenprotein Value
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
control
cte_4

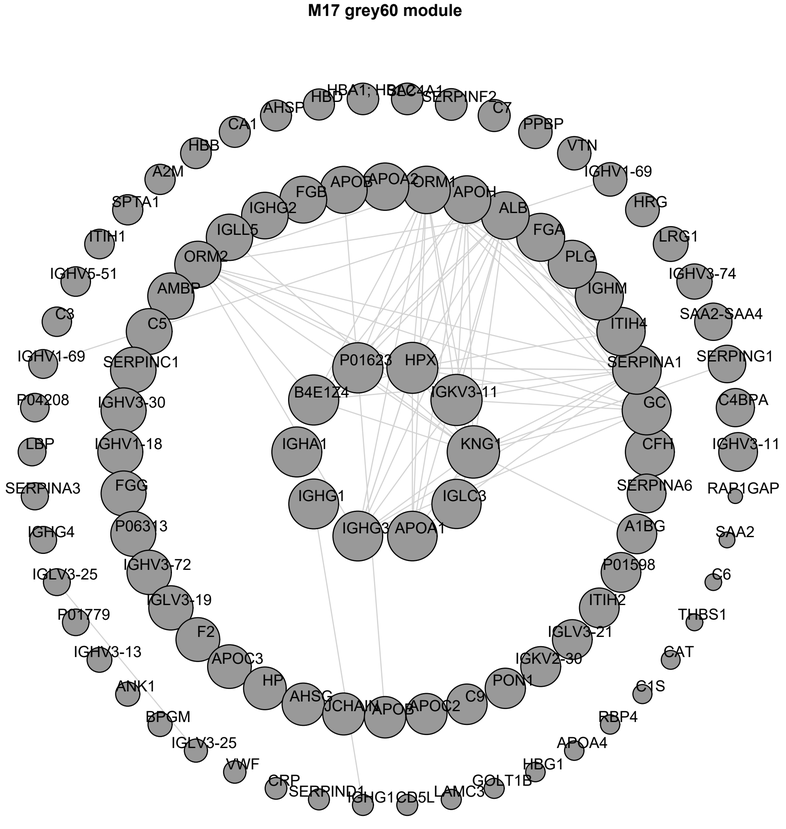

M17 grey60
T-test p = 0.031
Eigenprotein Value
0.1
0.0
-0.1
-0.2
-0.3
control
ftd

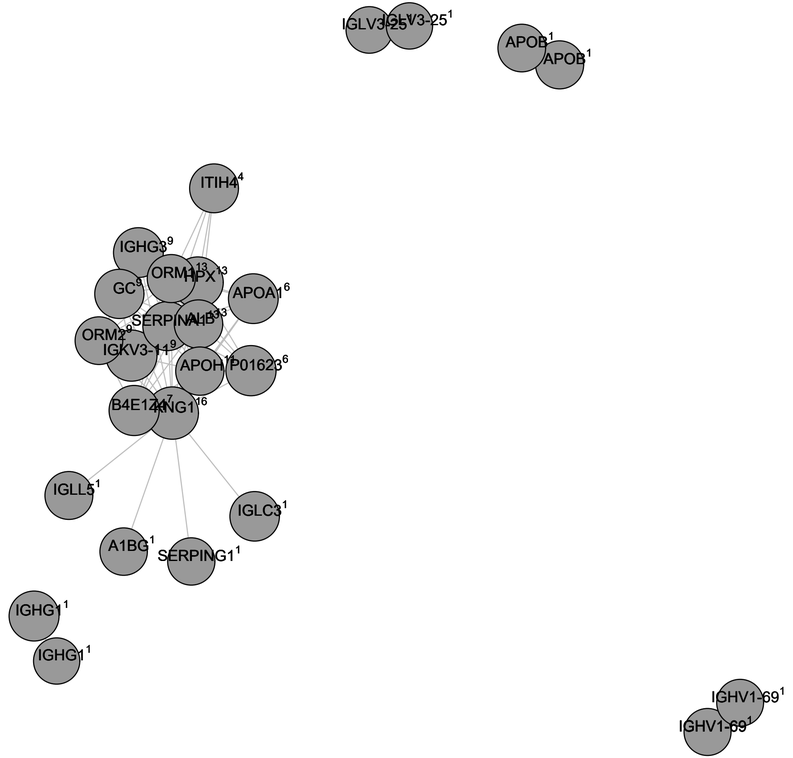

M17 grey60
T-test p = 0.16
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp

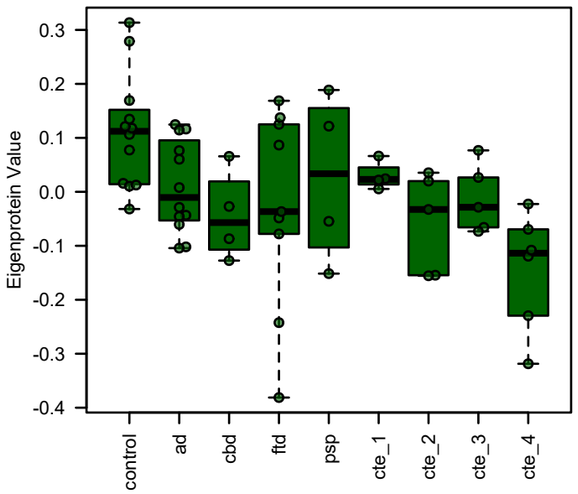

bicor=-0.022, p=0.87
cor=0.013, p=0.92
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
20
40
60
80
Age

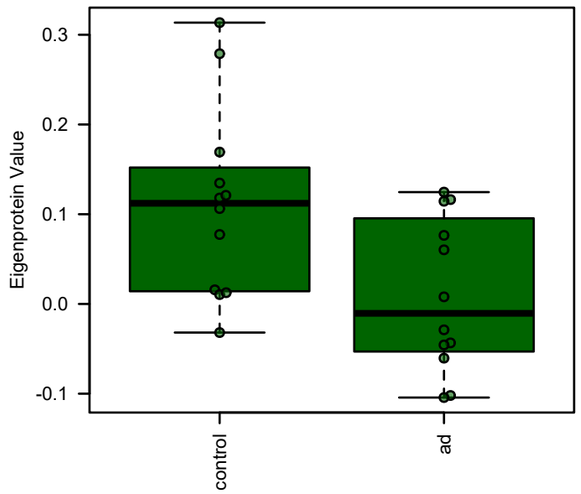

bicor=-0.12, p=0.36
cor=-0.11, p=0.4
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Sex

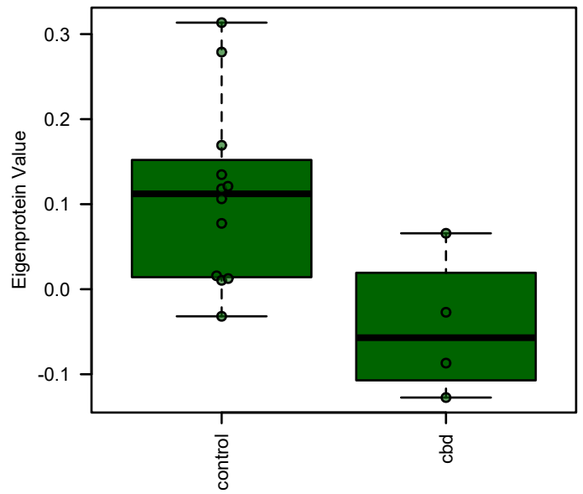

bicor=0.23, p=0.08
cor=0.43, p=0.00054
Eigenprotein
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
0
10
20
30
40
50
60
70
PMI

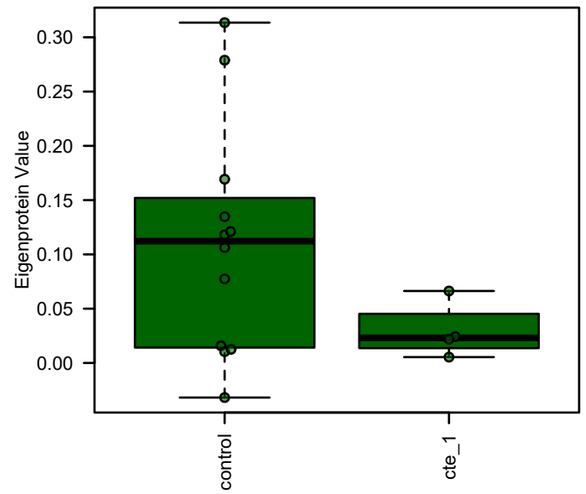

M17 grey60 module
HBA1; HBA2
C4A1
SERPINF2
C7
PPBP
VTN
IGHV1-69
HRG
LRG1
IGHV3-74
SAA2-SAA4
C4BPA
IGHV3-11
RAP1GAP
SAA2
C6
THBS1
CAT
C1S
RBP4
APOA4
HBG1
GOLT1B
LAMC3
CD5L
IGHG1
SERPIND1
CRP
VWF
IGLV3-25
BPGM
ANK1
IGHV3-13
F2
IGLV3-19
IGHV3-72
P06313
IGHG4
SERPINA3
LBP
P04208
IGHV6-51
ITIH1
SPTA1
A2M
HBB
CA1
AHSP
HBD
APOB
APOA2
ORM1
APOH
ALB
FGA
PLG
IGHM
ITIH4
SERPINA1
GC
CFH
SERPINA6
A1BG
P01598
ITIH2
IGLV3-21
IGKV2-30
PON1
C9
APOC2
APOA1
JCHAIN
AHSG
HP
APOC3
IGLV3-19
P01779
IGLV3-25
IGHV1-69
SERPINC1
C5
AMBP
ORM2
IGLL5
FGB
IGHG2
P01623
HPX
B4E124
IGKV3-11
IGHA1
KNG1
IGHG1
IGLC3
IGHG3
APOA1

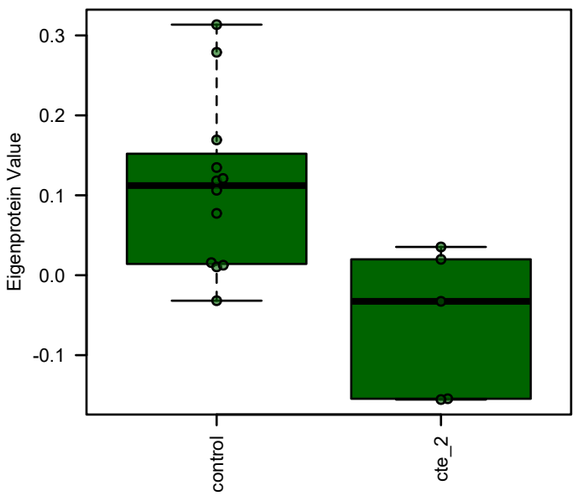

M17 grey60 module hubs connected by top 150 TOM edges: HUB degree
IGLV3-25 1
IGLV3-25 1
APOB 1
APOB 1
ITIH4 4
IGHG3 9
GC 5
ORM1 13
HPX 3
APOA1 6
SERPINA1 33
ORM2 9
IGKV3-11 9
APOH 7
P01623 6
B4E124 7
KNG1 16
IGLL5 1
IGLC3 1
A1BG 1
SERPING1 1
IGHG1 1
IGHG1 1
IGHV1-69 1
IGHV1-69 1

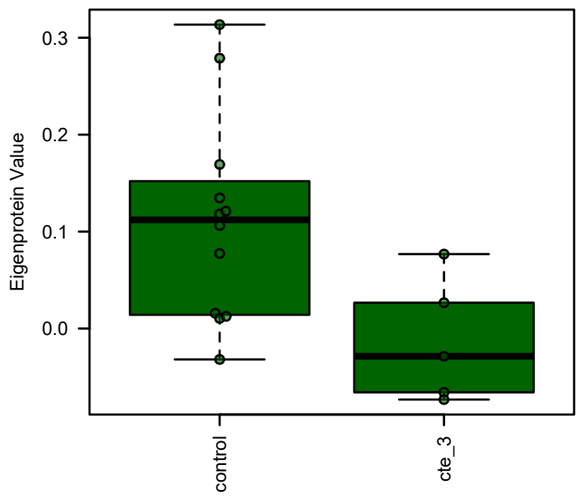

M22 darkgreen
1-way AOV p = 0.0085
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

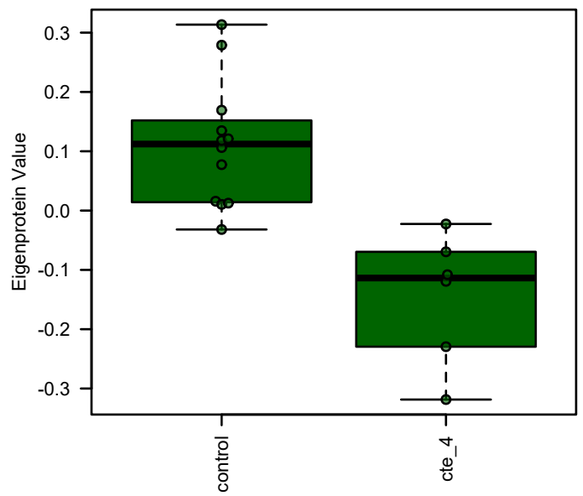

M22 darkgreen
T-test p = 0.018
Eigenprotein Value
control
ad

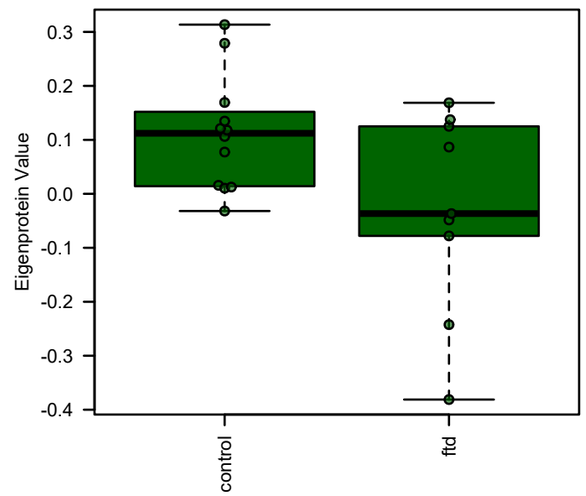

M22 darkgreen
T-test p = 0.02
Eigenprotein Value
control
cbd

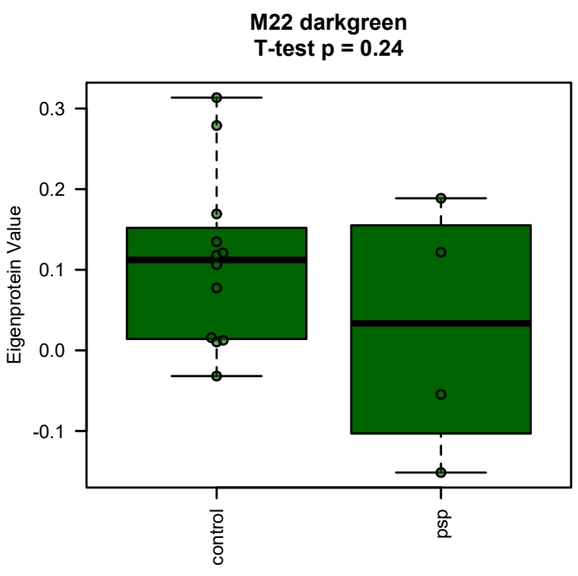

M22 darkgreen
T-test p = 0.16
Eigenprotein Value
control
cte_1

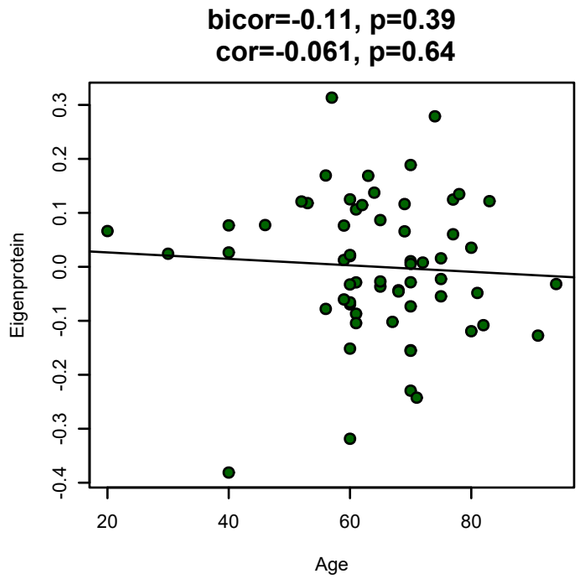

M22 darkgreen
T-test p = 0.0077
Eigenprotein Value
control
cte_2

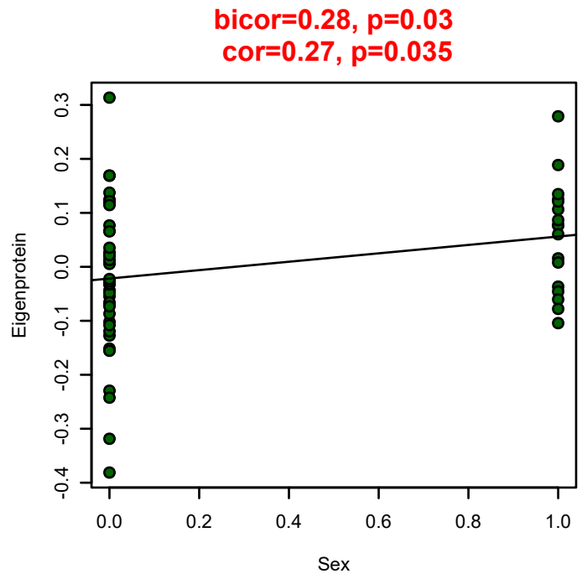

M22 darkgreen
T-test p = 0.03
Eigenprotein Value
control
cte_3

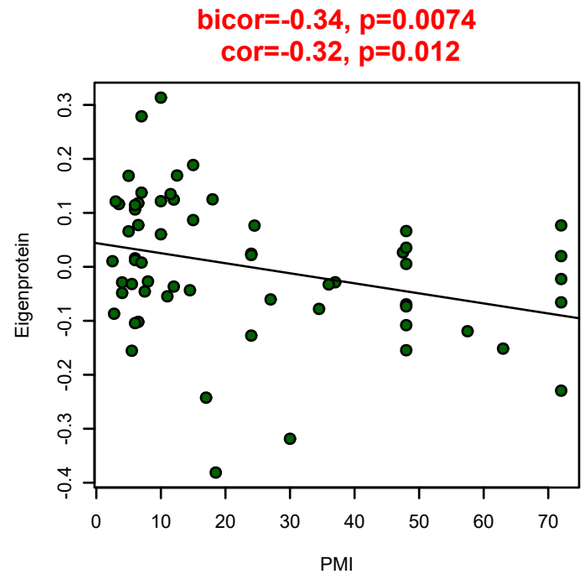

M22 darkgreen
T-test p = 0.00021
Eigenprotein Value
control
cte_4

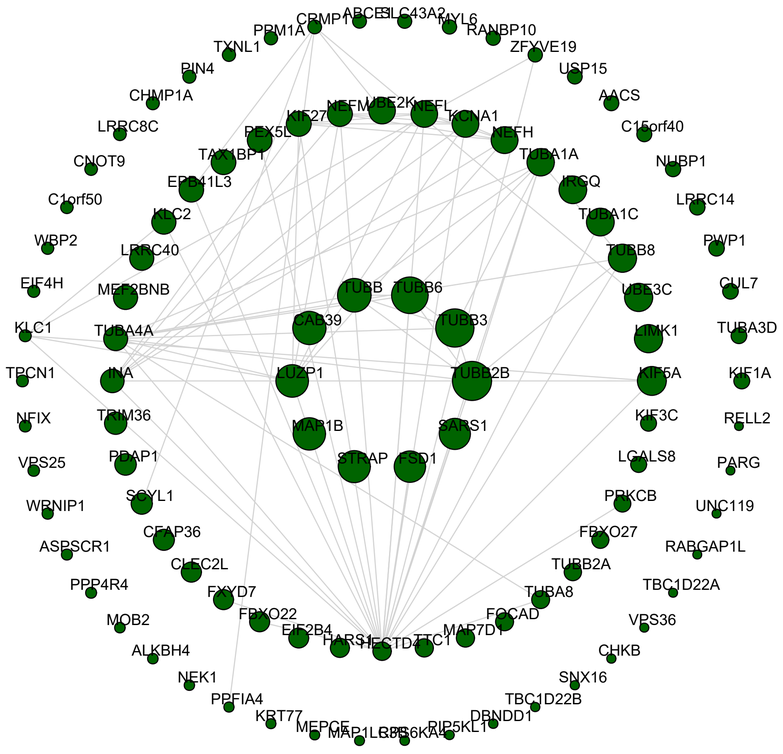

M22 darkgreen
T-test p = 0.041
Eigenprotein Value
control
ftd

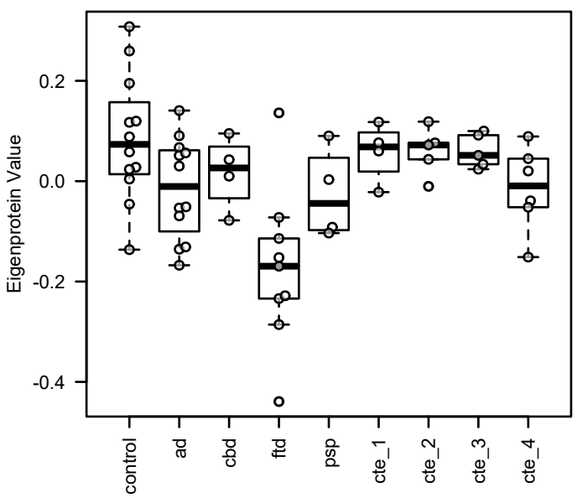

M22 darkgreen
T-test p = 0.24
Eigenprotein Value
control
psp

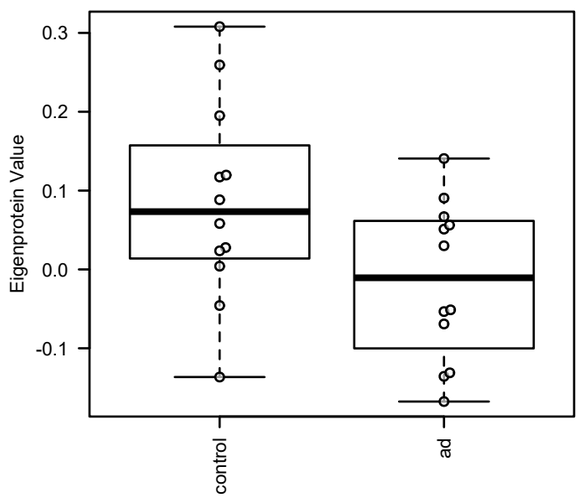

bicor=-0.11, p=0.39
cor=-0.061, p=0.64
Eigenprotein
Age

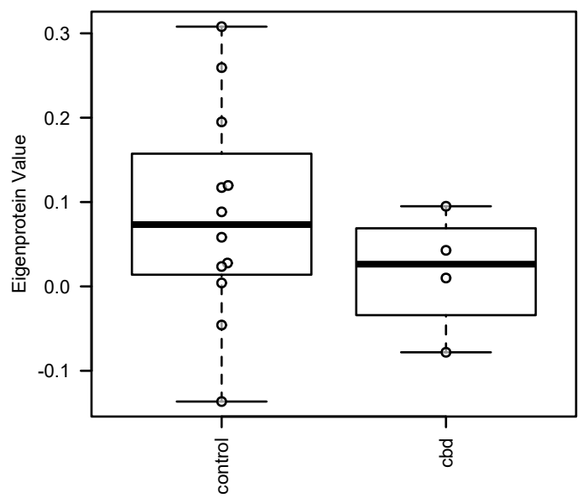

bicor=0.28, p=0.03
cor=0.27, p=0.035
Eigenprotein
Sex

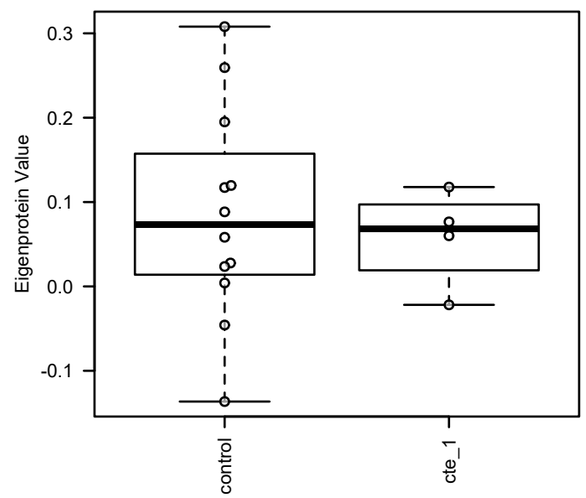

bicor=-0.34, p=0.0074
cor=-0.32, p=0.012
Eigenprotein
PMI

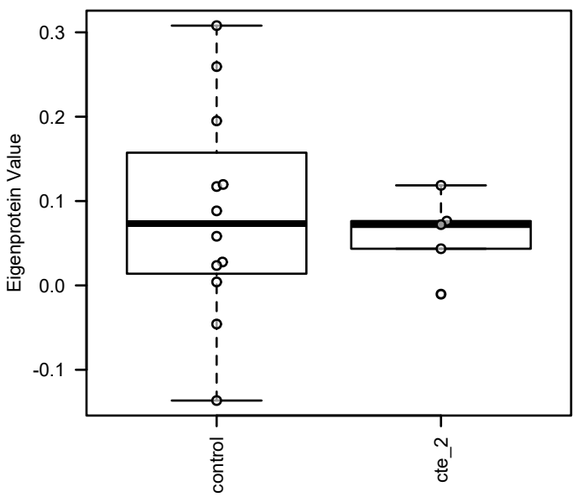

M22 darkgreen module
ABCB3
LC43A2
MYL6
CRMP1
PRM1A
RANBP10
TXNL1
ZFYVE19
PIN4
USP15
CHMP1A
AACS
LRRC8C
KIF27
NEFM
UBE2K
NEFL
KCNA1
C15orf40
PEX5L
NEFH
TAX1BP1
TUBA1A
NHBP1
CNOT9
EPB41L3
ICAM5
C1orf50
LRRC14
KLC2
TUBA1C
WBP2
PWP1
LRRC40
TUBB8
EIF4H
MED28
TUBB
TUBB6
UBE3C
CUL7
KLC1
TUBA4A
CAB39
TUBB3
CIMK1
TUBA3D
TPCN1
INA
KUZA1
TUBB2B
KIF5A
KIF1A
NFIX
TRIM36
MAP1B
SARS1
KIF3C
RELL2
VPS25
PDAP1
STRAP
FSD1
LCALS8
PARG
WBNIP1
SOYL1
PRKCB
UNC119
ASPSCR1
CEAP36
FBXO27
RABGAP1L
CLEC2L
TUBB2A
PPP4R4
FXYD7
TUBA8
TBC1D22A
MOB2
FBXO22
EIF2B4
FOCAD
VPS36
HARS1
TECTD4
MAP7D1
TTC1
ALKBH4
CHKB
NEK1
SNX16
PPFIA4
TBC1D22B
KRT77
DRNDD1
MEPCE
MAP1LC3B
RPS6KA5
RIP5KL1
M22 darkgreen module hubs connected by top 150 TOM edges: HUB degree
SOYL1 1
PPFIA4 1
CRMP1 5
UBE2K 1
UBE3C 1
EPB41L3 2
TUBB 5
TUBB3 5
TUBB2B 7
ZFYVE19 2
TUBA8 2
TUBB6 6
KLC2 2
FSD1 1
TUBA1A 7
TUBA4A 9
KLC1 5
TUBB8 4
PRKCB 1
TECTD4 24
PEX5L 1
KIF5A 3
FBXO22 1
LUZP1 10
TUBA1C 1
FXYD7 1
KCNA1 7
INA 7
NEFL 7
SARS1 1
KIF27 7
NEFM 7
NEFH 6

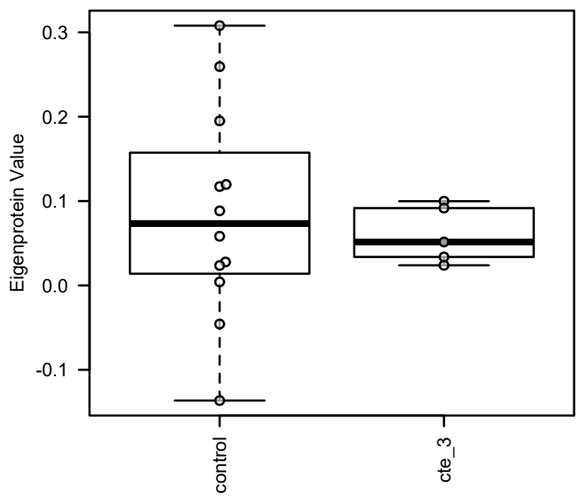

M27 white
1-way AOV p = 0.00028
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

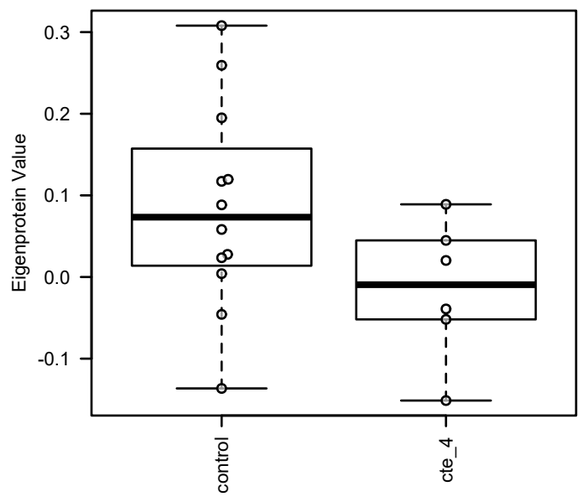

M27 white
T-test p = 0.044
Eigenprotein Value
control
ad

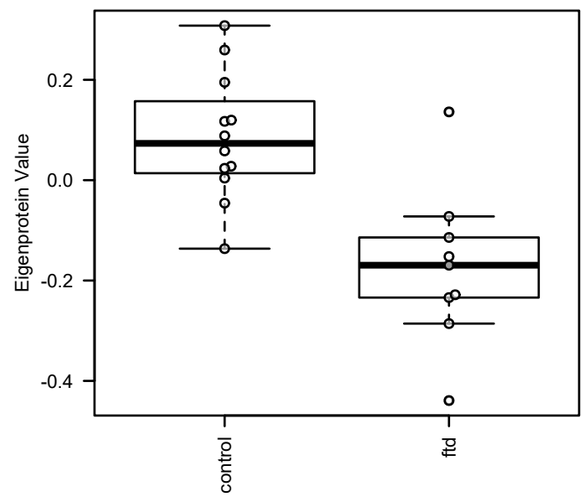

M27 white
T-test p = 0.33
Eigenprotein Value
control
cbd

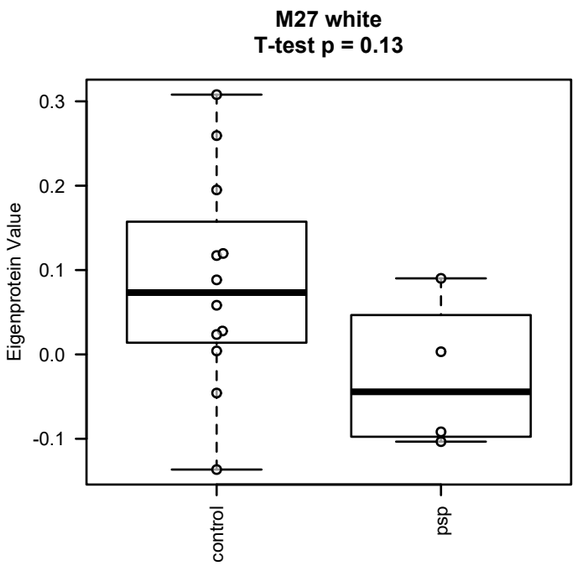

M27 white
T-test p = 0.69
Eigenprotein Value
control
cte_1

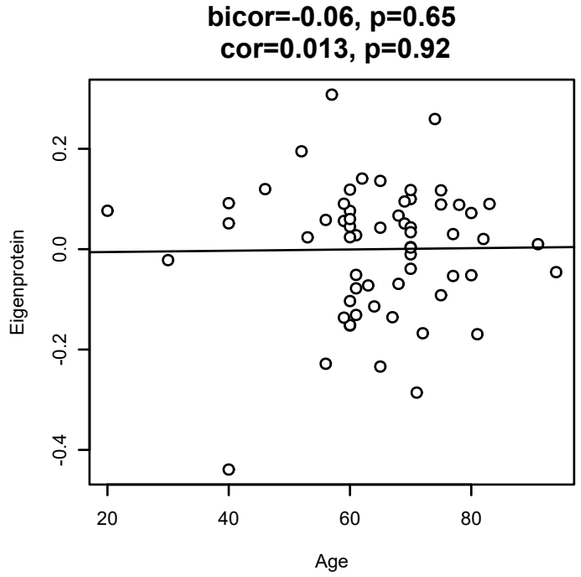

M27 white
T-test p = 0.68
Eigenprotein Value
control
cte_2

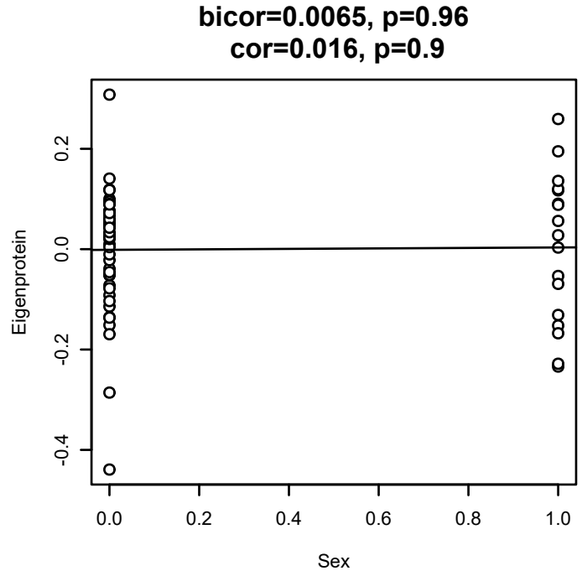

M27 white
T-test p = 0.68
Eigenprotein Value
control
cte_3

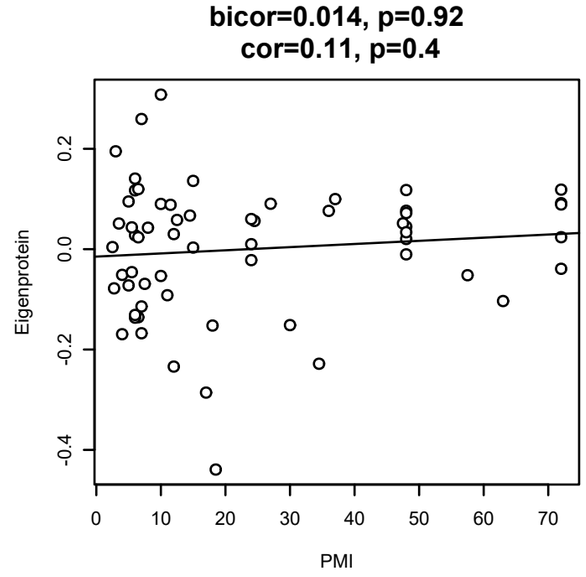

M27 white
T-test p = 0.1
Eigenprotein Value
control
cte_4


M27 white
T-test p = 0.00052
Eigenprotein Value
control
ftd

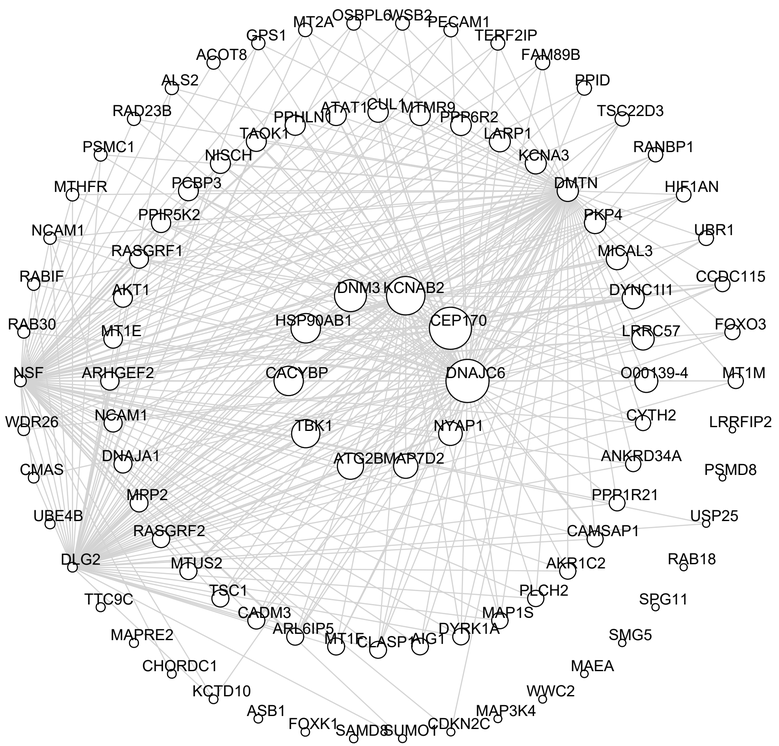

M27 white
T-test p = 0.13
Eigenprotein Value
control
psp


bicor=-0.06, p=0.65
cor=0.013, p=0.92
Eigenprotein
Age

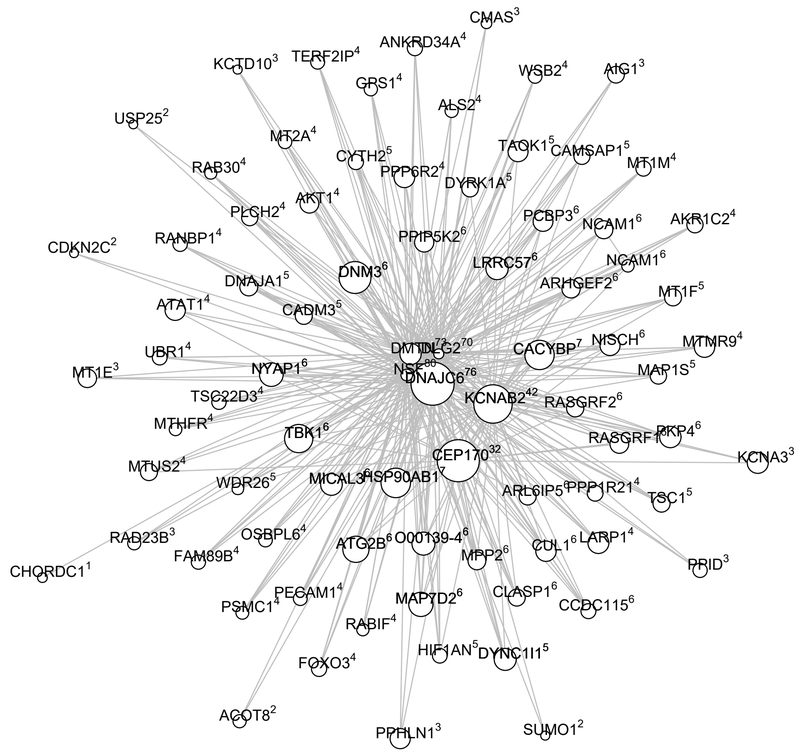

bicor=0.0065, p=0.96
cor=0.016, p=0.9
Eigenprotein
Sex

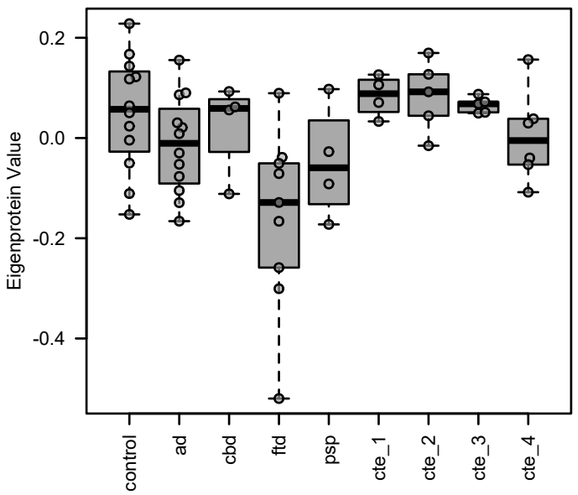

bicor=0.014, p=0.92
cor=0.11, p=0.4
Eigenprotein
PMI

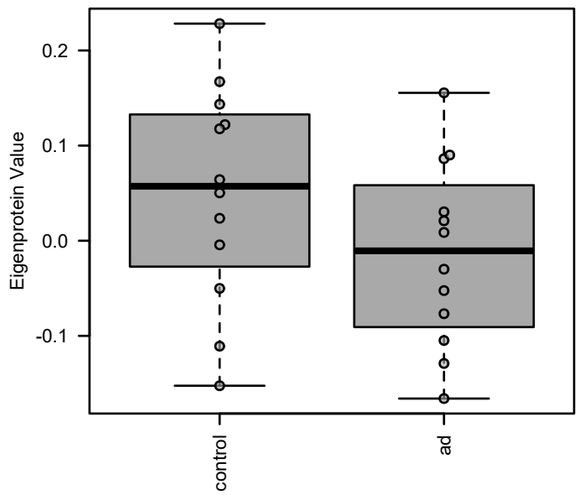
M27 white module

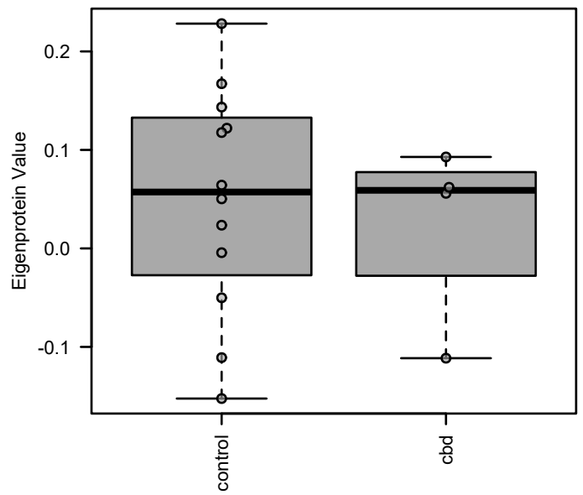


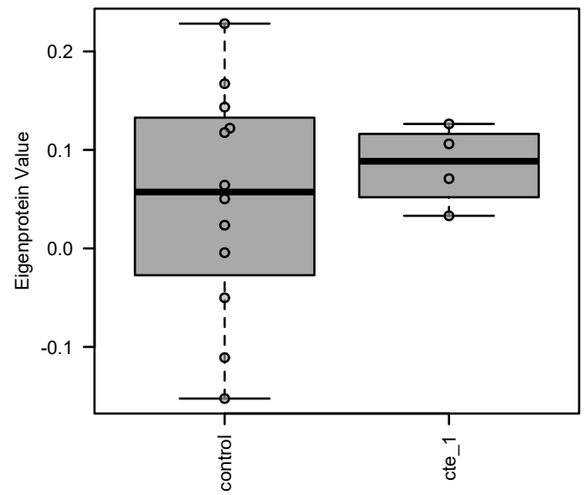
M27 white module hubs connected by top 720 TOM edges: HUB^{degree}

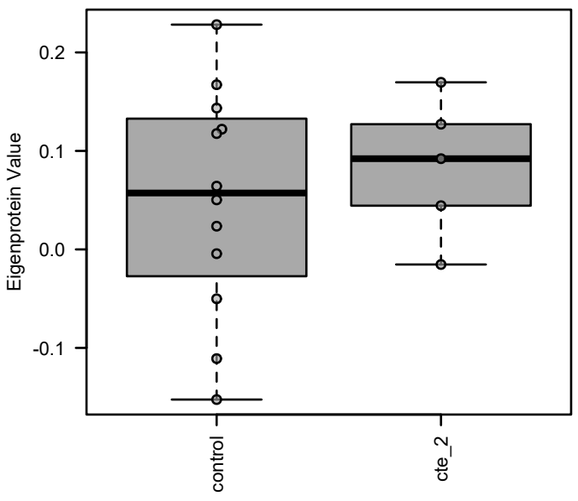


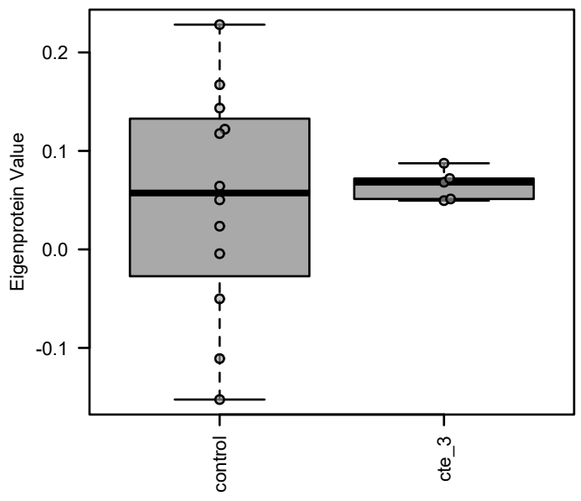

M24 darkgrey
1-way AOV p = 0.0019
Eigenprotein Value
0.2
0.0
-0.2
-0.4
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

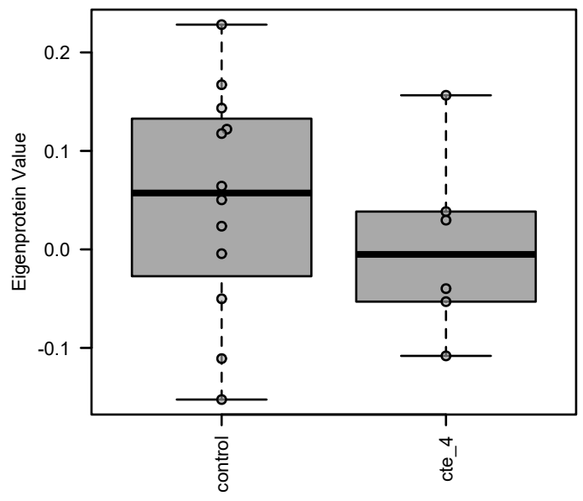

M24 darkgrey
T-test p = 0.16
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
ad

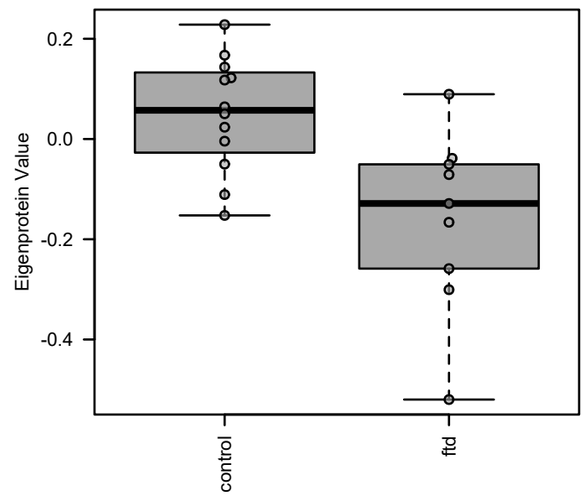

M24 darkgrey
T-test p = 0.7
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cbd

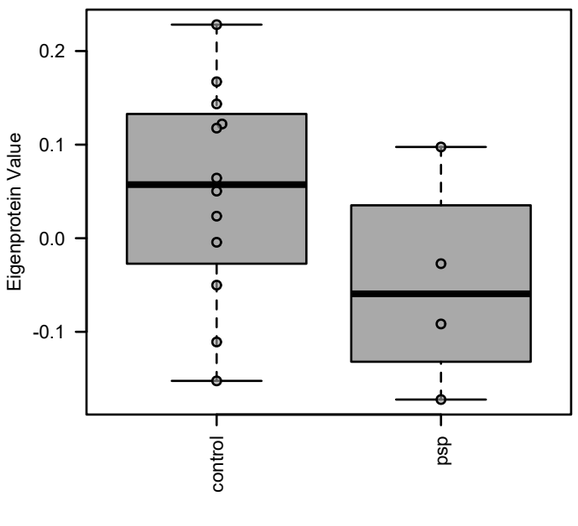

M24 darkgrey
T-test p = 0.58
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_1

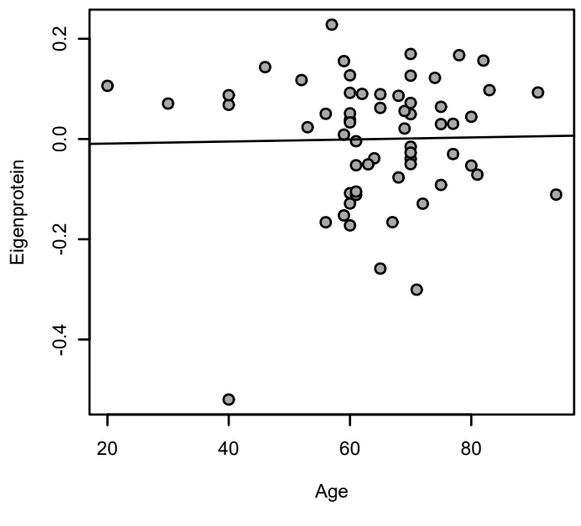

M24 darkgrey
T-test p = 0.56
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_2

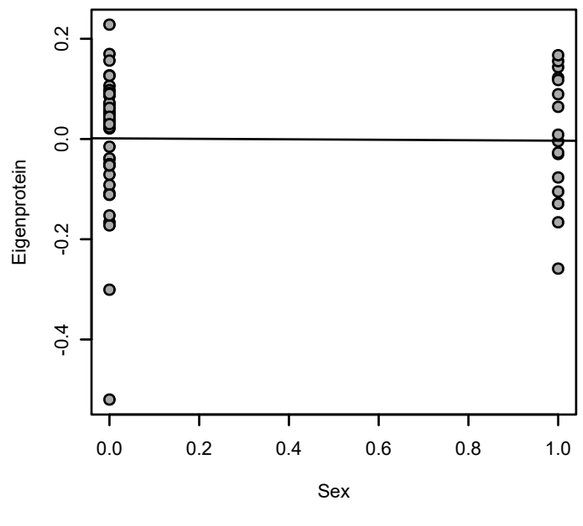

M24 darkgrey
T-test p = 0.77
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_3

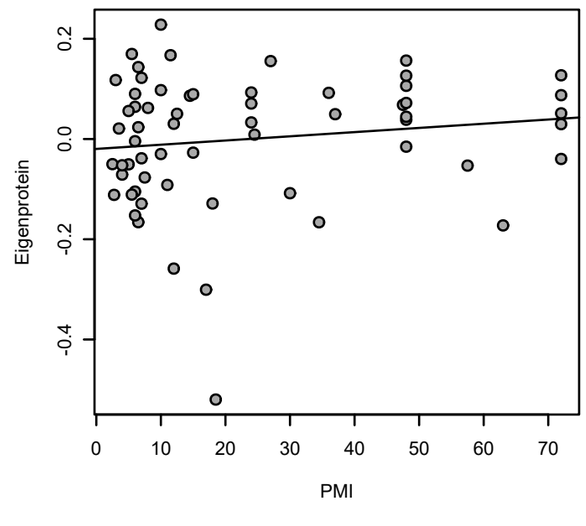

M24 darkgrey
T-test p = 0.41
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
cte_4


M24 darkgrey
T-test p = 0.0039
Eigenprotein Value
0.2
0.0
-0.2
-0.4
control
ftd

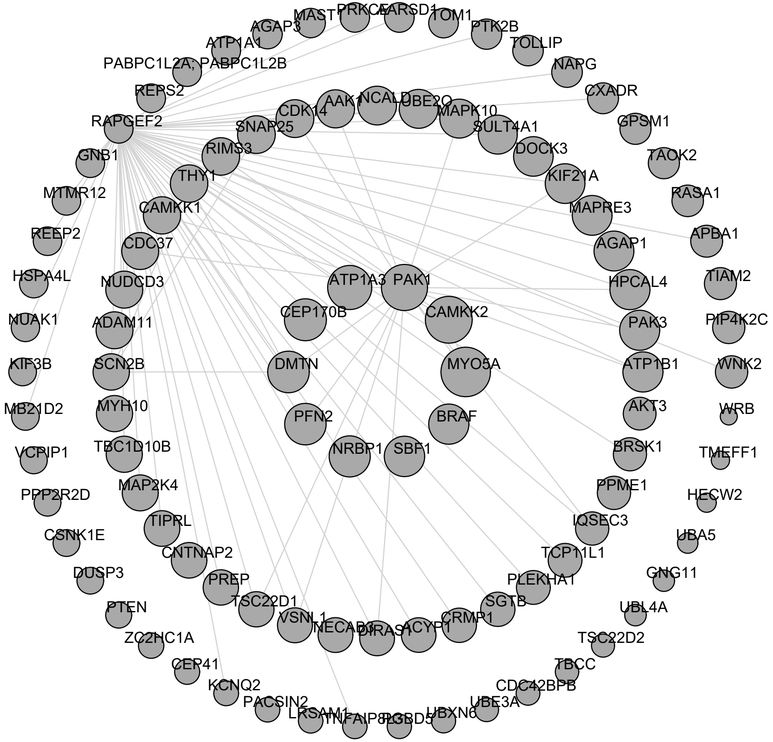

M24 darkgrey
T-test p = 0.16
Eigenprotein Value
0.2
0.1
0.0
-0.1
control
psp


bicor=-0.036, p=0.79
cor=0.021, p=0.87
Eigenprotein
0.2
0.0
-0.2
-0.4
20
40
60
80
Age

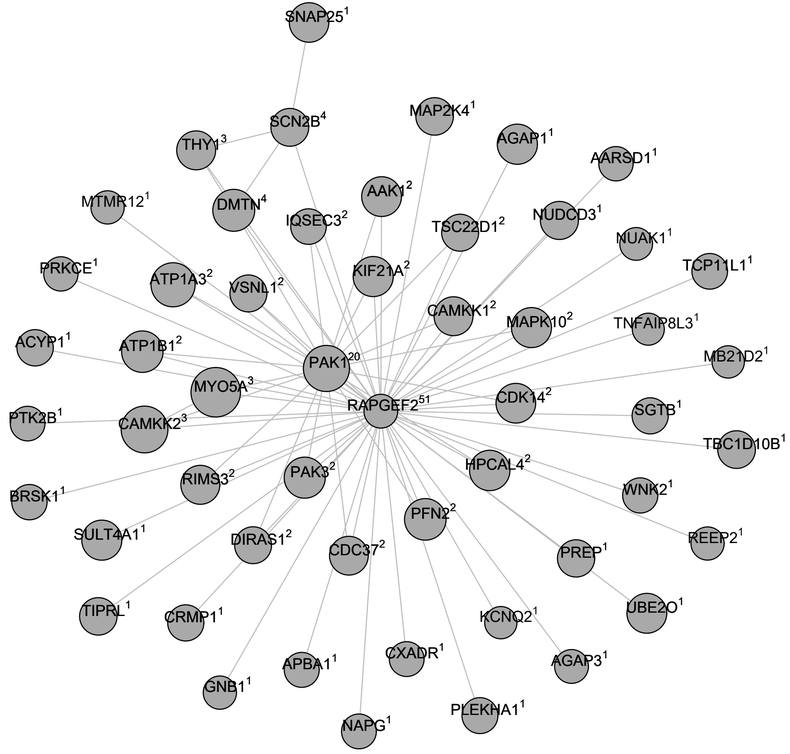

bicor=-0.058, p=0.66
cor=-0.016, p=0.9
Eigenprotein
0.2
0.0
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Sex

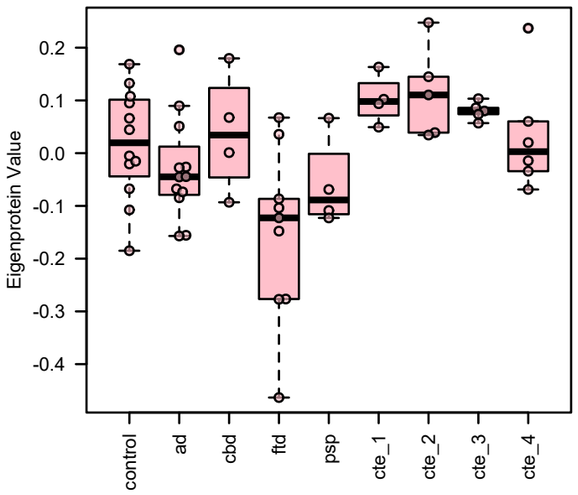

bicor=0.11, p=0.38
cor=0.14, p=0.28
Eigenprotein
0.2
0.0
-0.2
-0.4
0
10
20
30
40
50
60
70
PMI

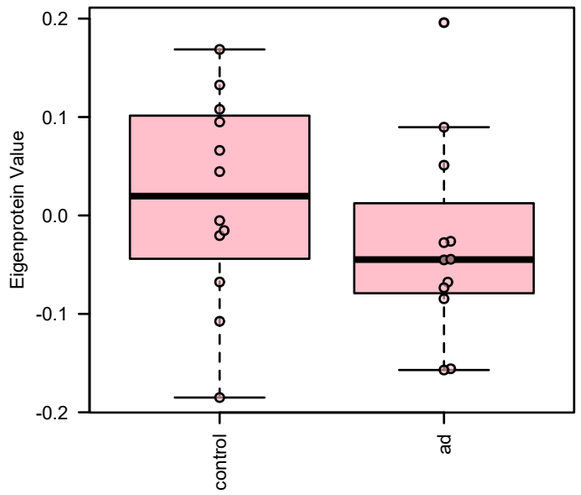
M24 darkgrey module

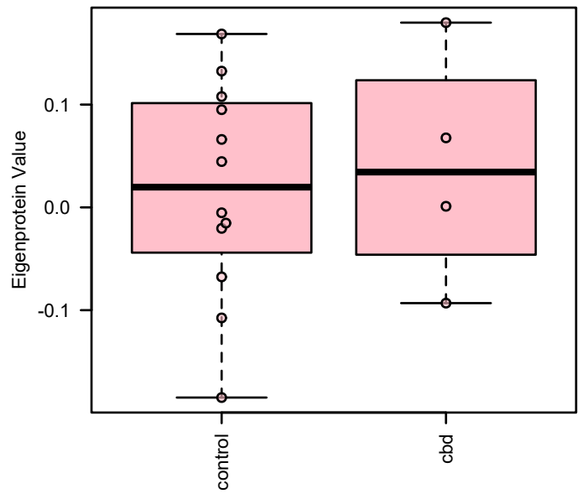


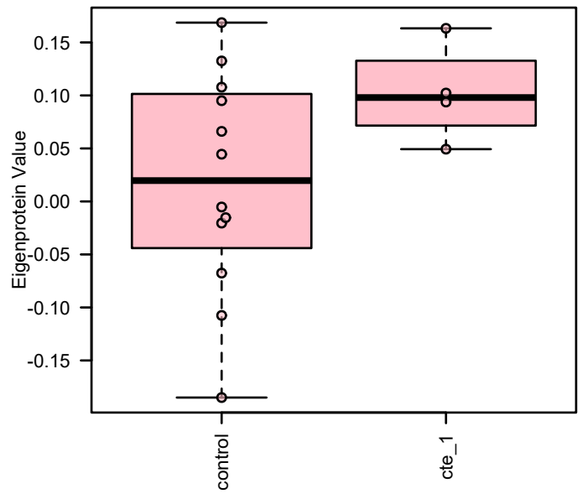
M24 darkgrey module hubs connected by top 150 TOM edges: HUB^{degree}

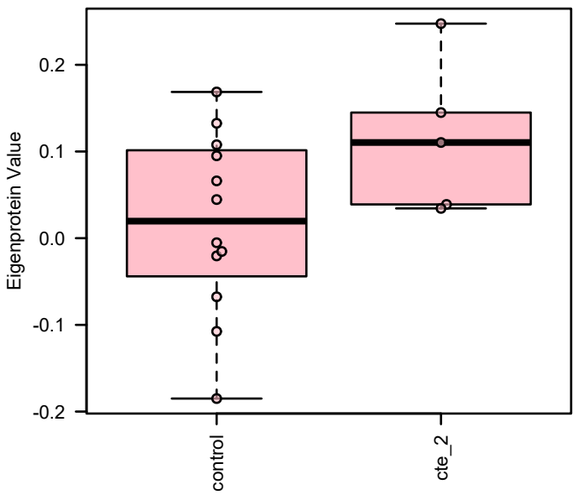


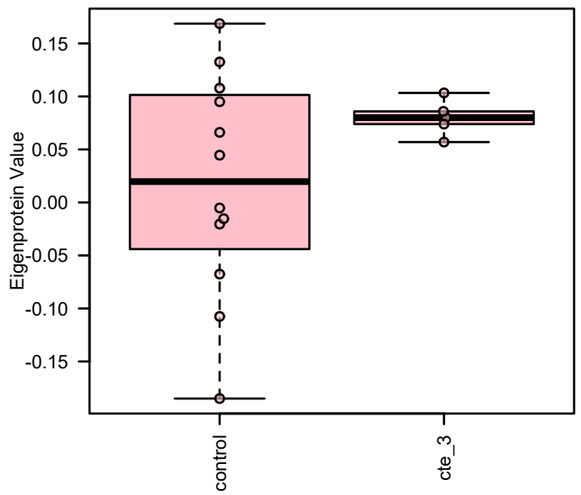

M8 pink
1-way AOV p = 0.00068
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

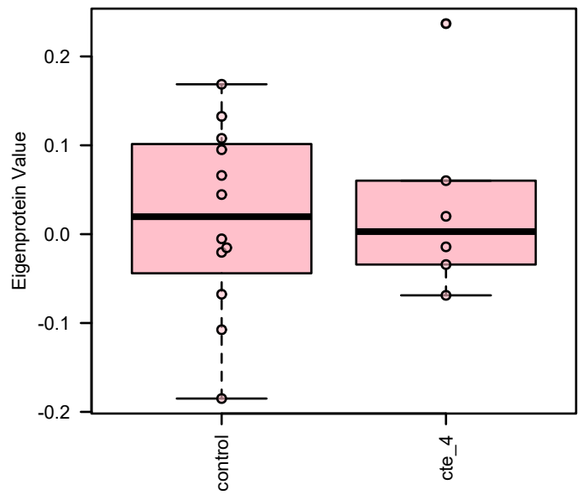

M8 pink
T-test p = 0.28
Eigenprotein Value
control
ad

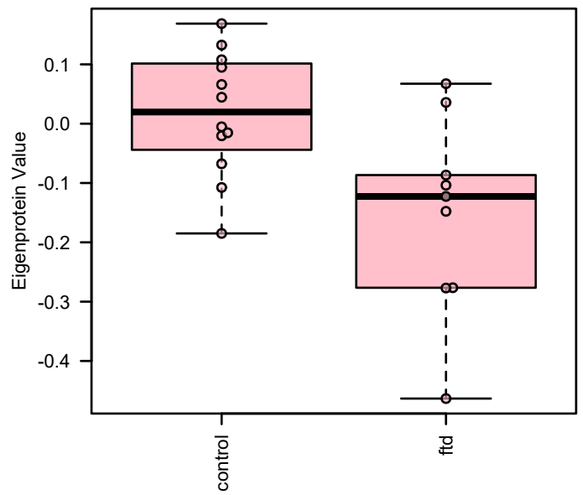

M8 pink
T-test p = 0.74
Eigenprotein Value
control
cbd

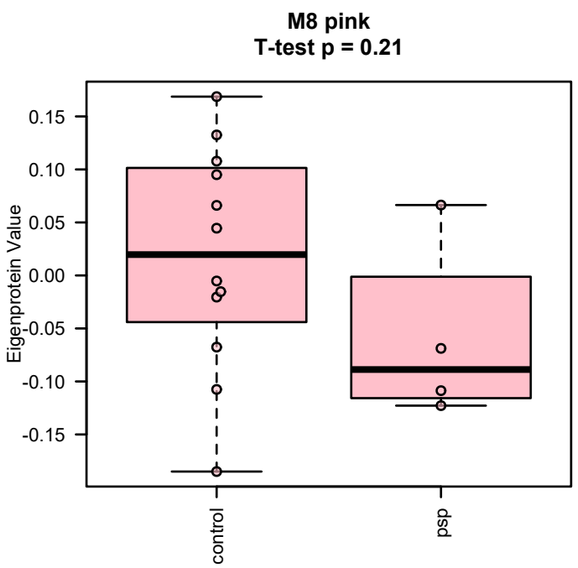

M8 pink
T-test p = 0.15
Eigenprotein Value
control
cte_1

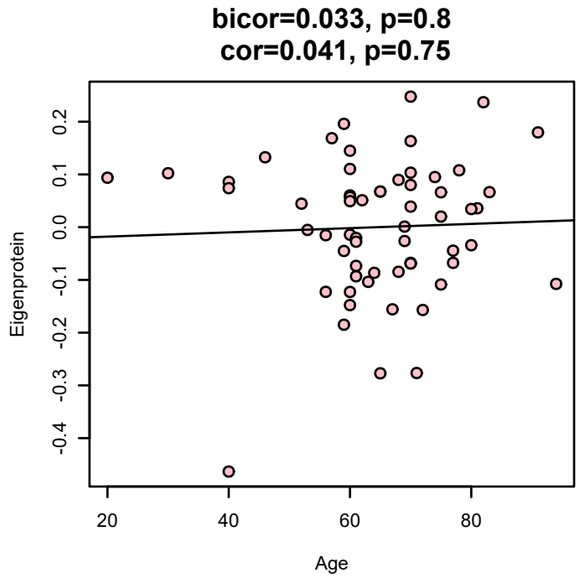

M8 pink
T-test p = 0.088
Eigenprotein Value
control
cte_2

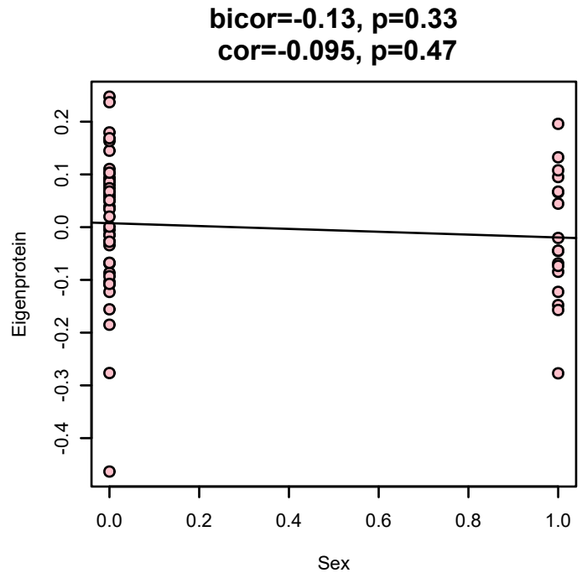

M8 pink
T-test p = 0.21
Eigenprotein Value
control
cte_3

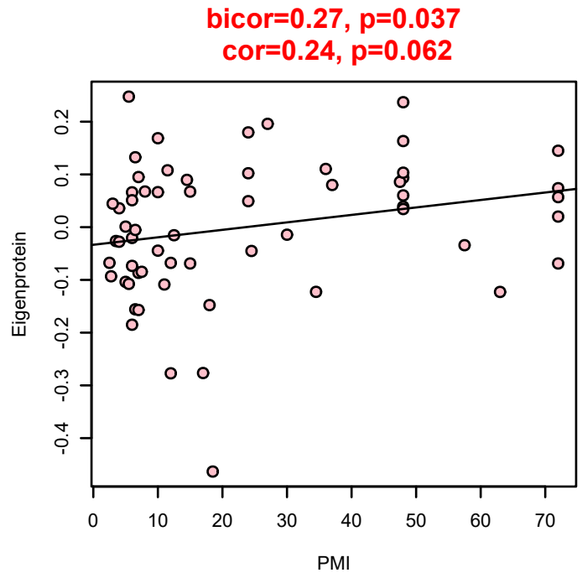

M8 pink
T-test p = 0.77
Eigenprotein Value
control
cte_4

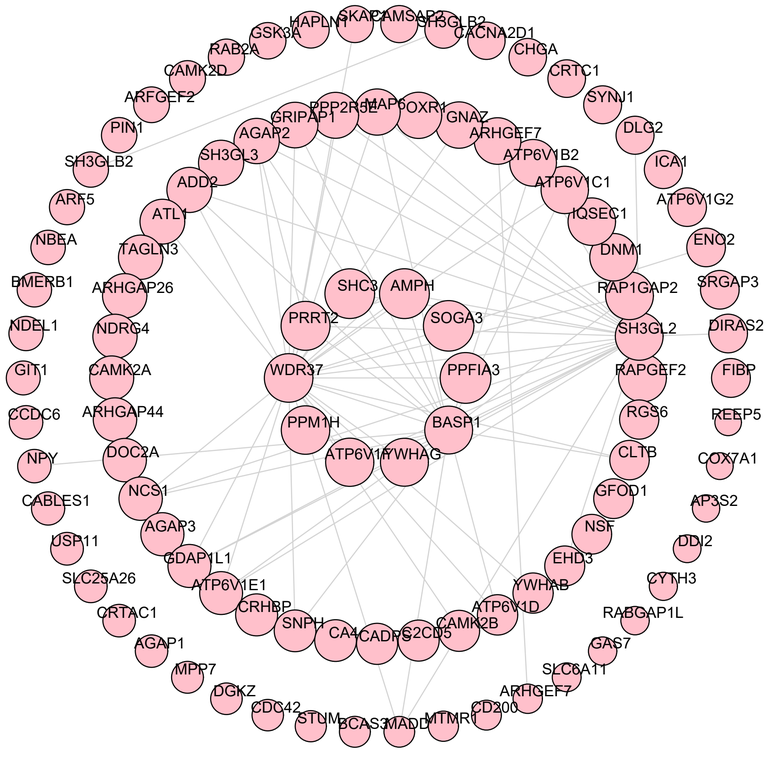

M8 pink
T-test p = 0.0093
Eigenprotein Value
control
ftd


M8 pink
T-test p = 0.21
Eigenprotein Value
control
psp

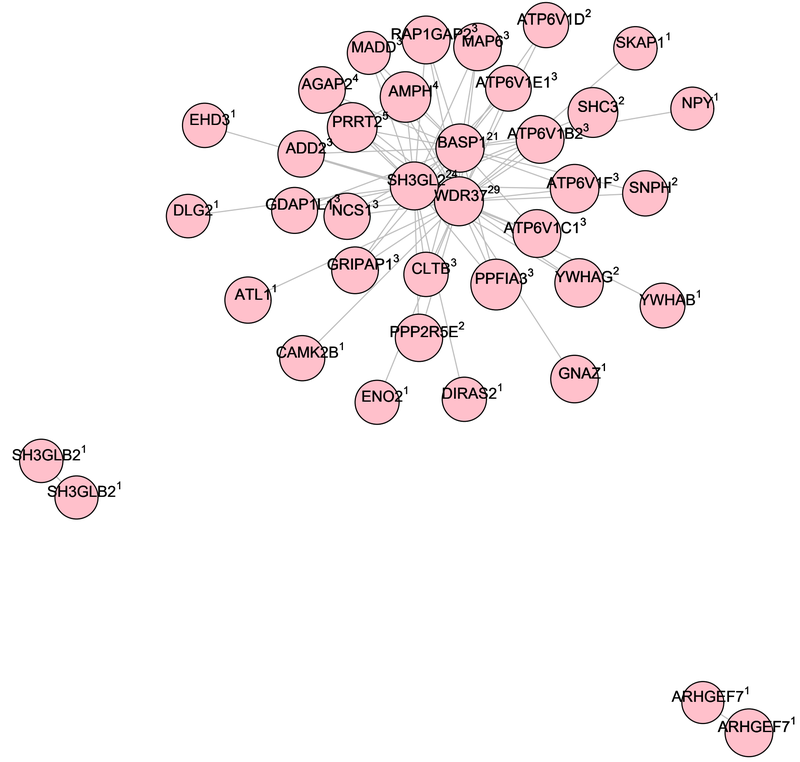

bicor=0.033, p=0.8
cor=0.041, p=0.75
Eigenprotein
Age

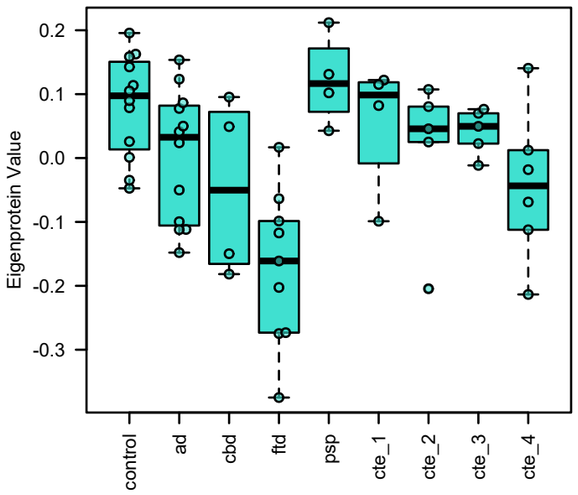

bicor=-0.13, p=0.33
cor=-0.095, p=0.47
Eigenprotein
Sex

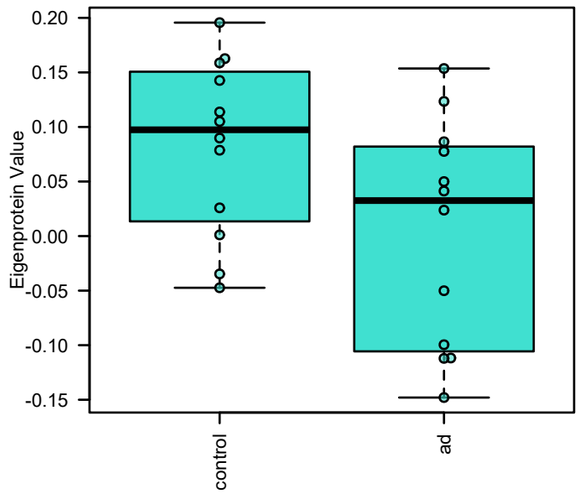

bicor=0.27, p=0.037
cor=0.24, p=0.062
Eigenprotein
PMI

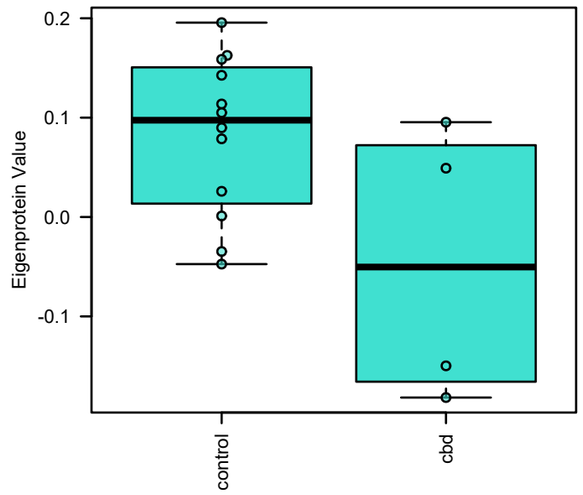


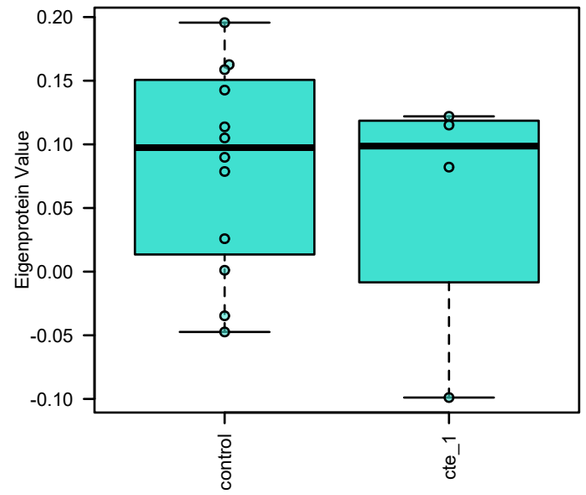
M8 pink module hubs connected by top 150 TOM edges: HUB^{degree}

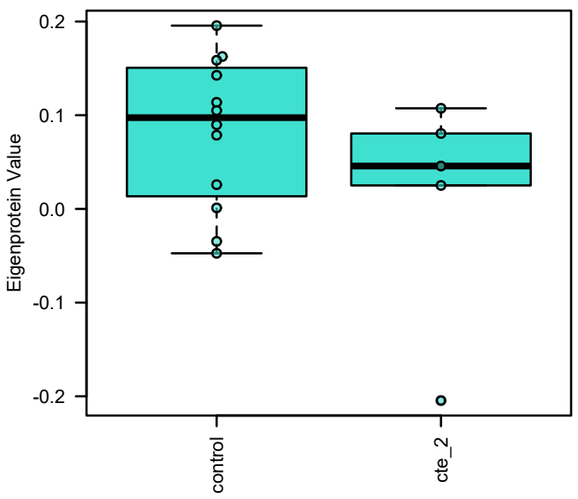


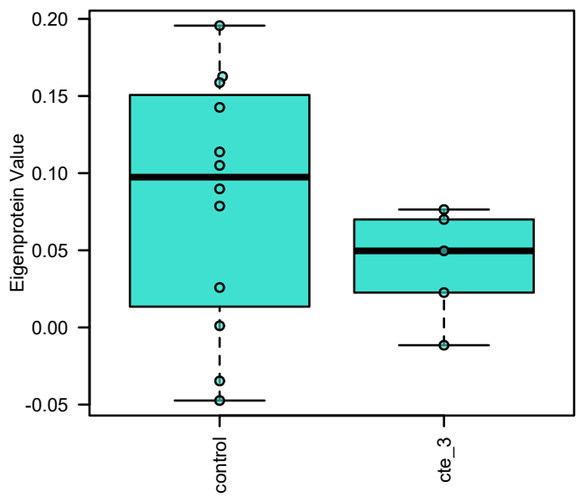

M1 turquoise
1-way AOV p = 6.9e-05
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

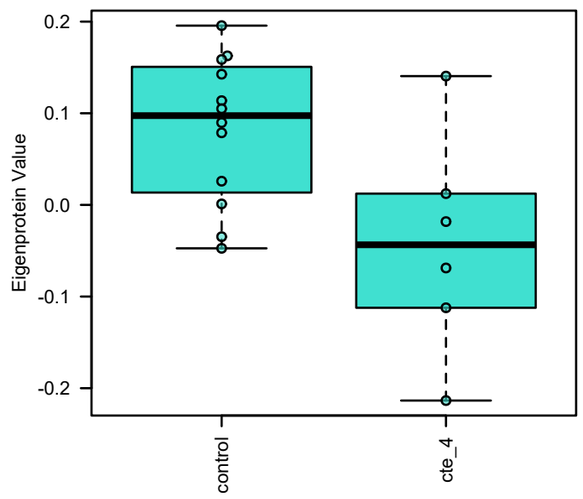

M1 turquoise
T-test p = 0.046
Eigenprotein Value
control
ad

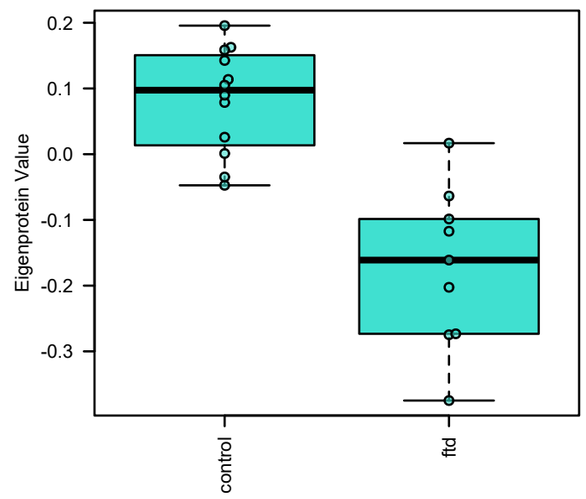

M1 turquoise
T-test p = 0.035
Eigenprotein Value
control
cbd

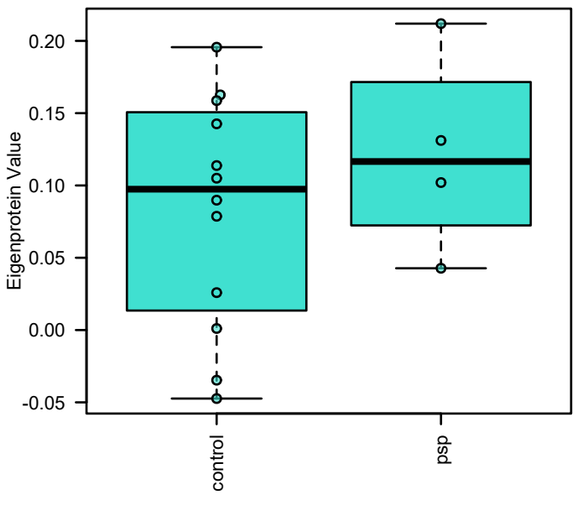

M1 turquoise
T-test p = 0.59
Eigenprotein Value
control
cte_1

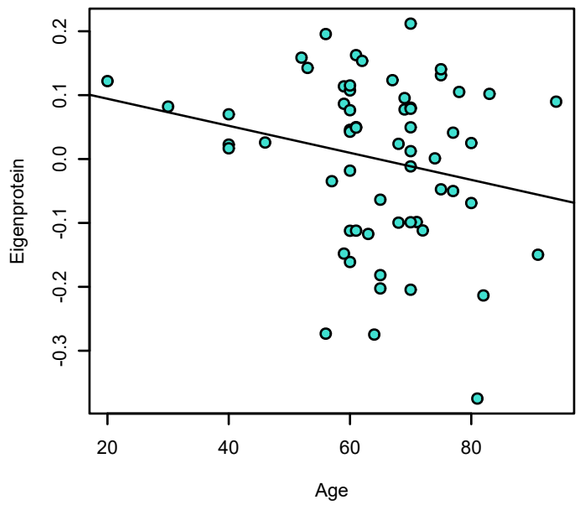

M1 turquoise
T-test p = 0.17
Eigenprotein Value
control
cte_2

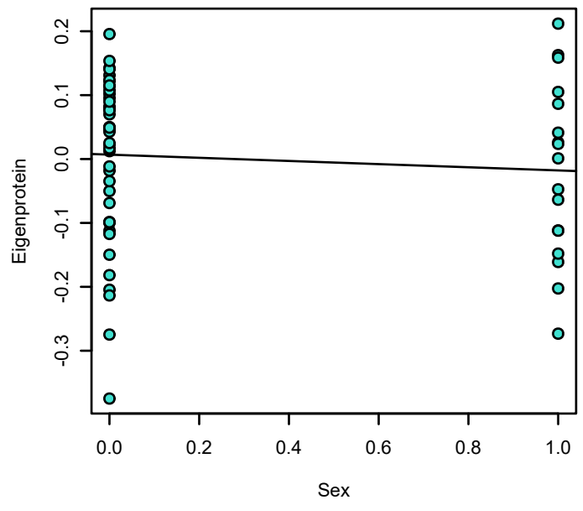

M1 turquoise
T-test p = 0.29
Eigenprotein Value
control
cte_3

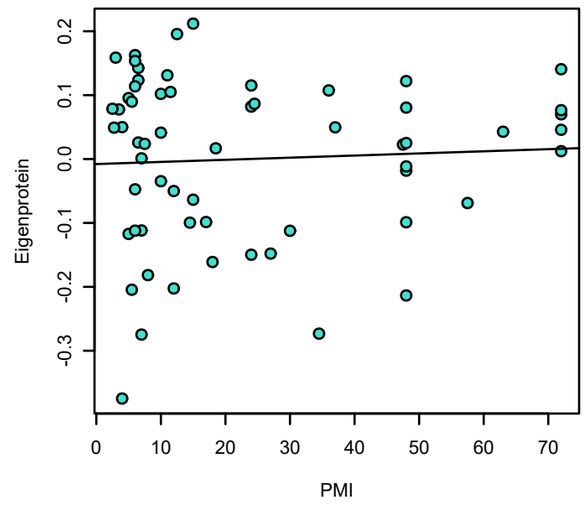

M1 turquoise
T-test p = 0.017
Eigenprotein Value
control
cte_4


M1 turquoise
T-test p = 1.4e-05
Eigenprotein Value
control
ftd

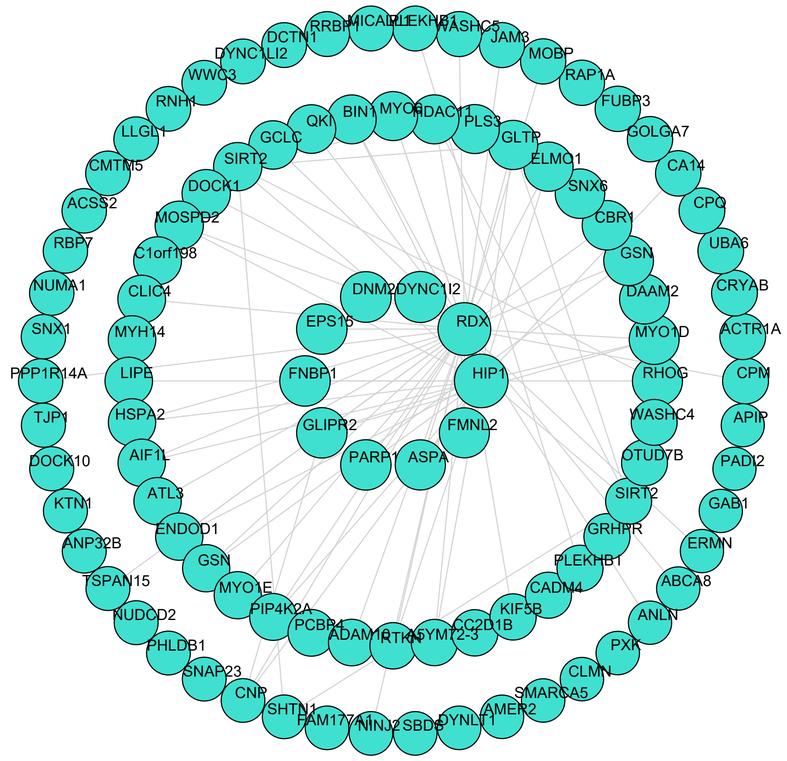

M1 turquoise
T-test p = 0.4
Eigenprotein Value
control
psp


bicor=-0.17, p=0.18
cor=-0.22, p=0.088
Eigenprotein
Age

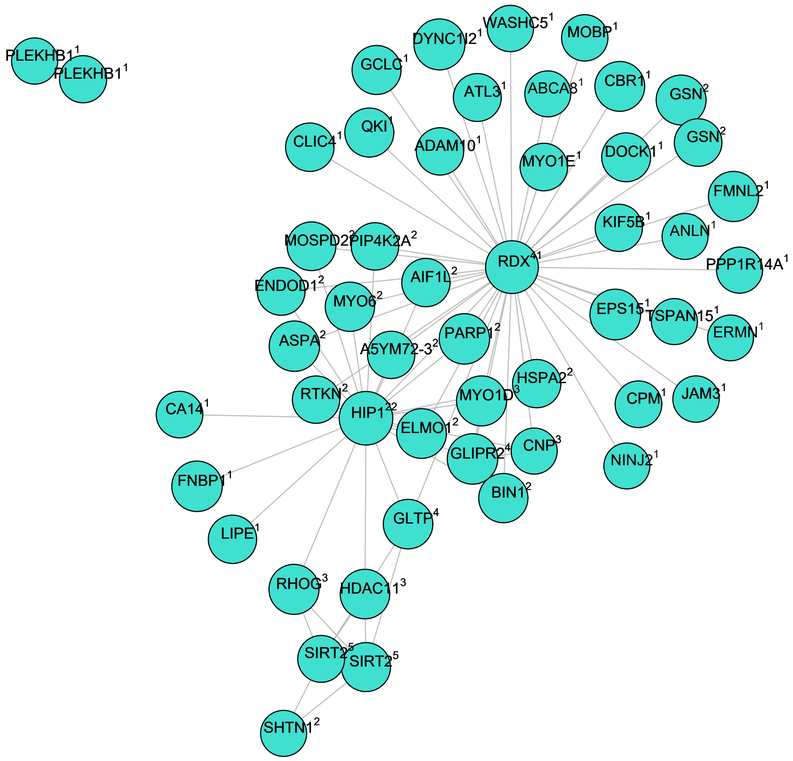

bicor=-0.1, p=0.43
cor=-0.087, p=0.5
Eigenprotein
Sex

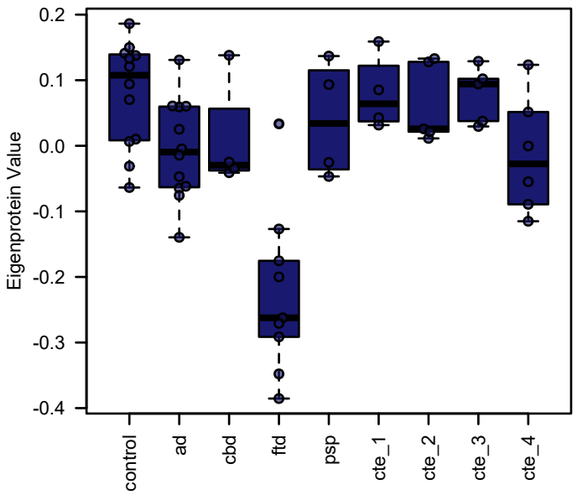

bicor=-0.16, p=0.21
cor=0.056, p=0.67
Eigenprotein
PMI

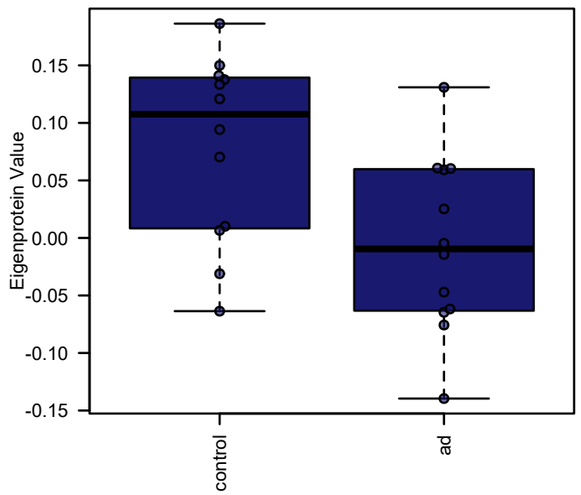
M1 turquoise module

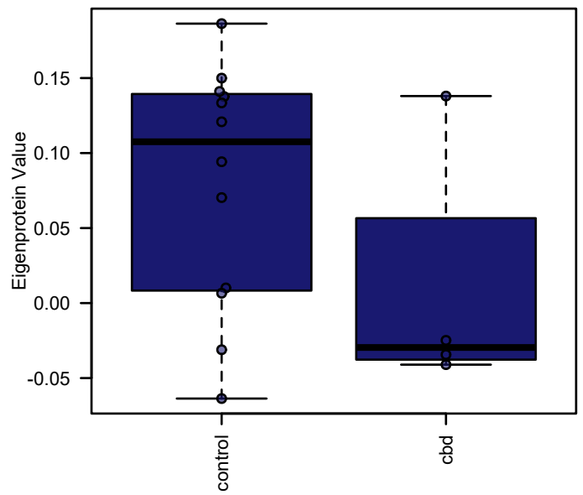


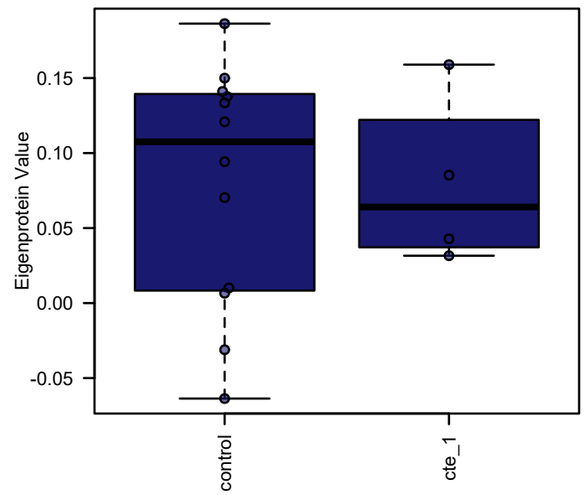
M1 turquoise module hubs connected by top 150 TOM edges: HUB^{degree}

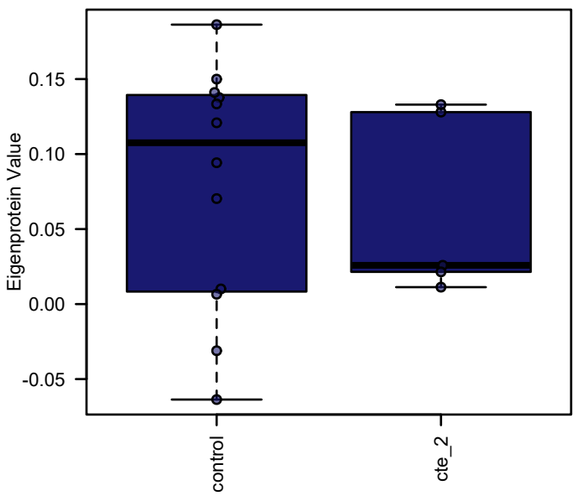


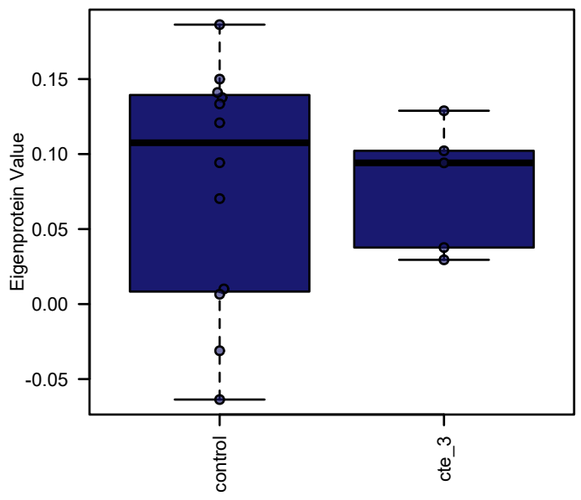

M15 midnightblue
1-way AOV p = 1.3e-08
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

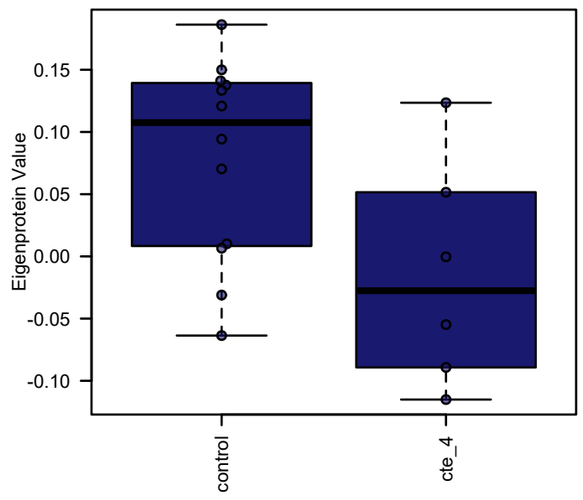

M15 midnightblue
T-test p = 0.014
Eigenprotein Value
control
ad

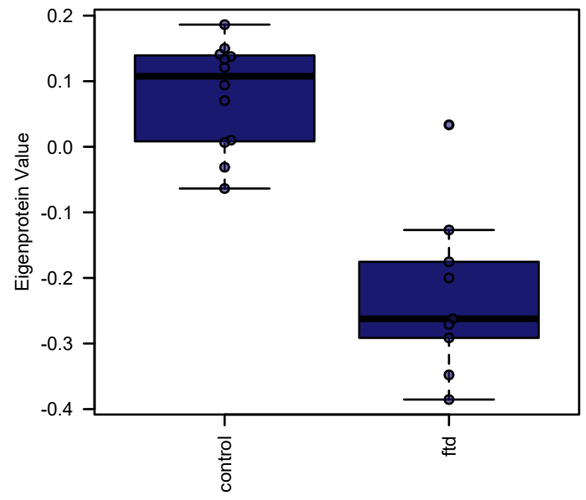

M15 midnightblue
T-test p = 0.16
Eigenprotein Value
control
cbd

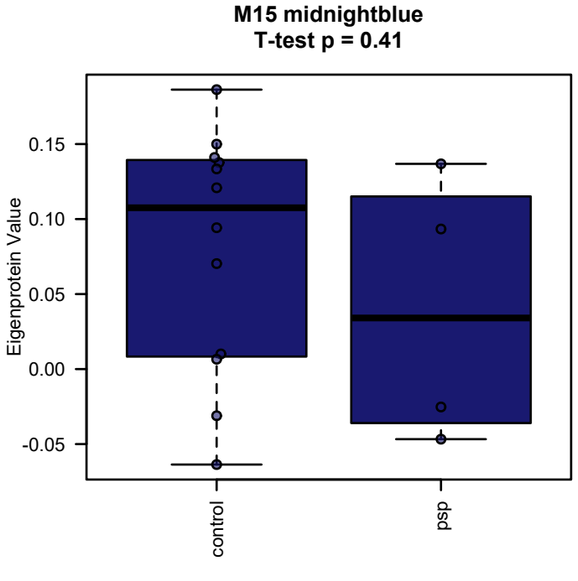

M15 midnightblue
T-test p = 1
Eigenprotein Value
control
cte_1

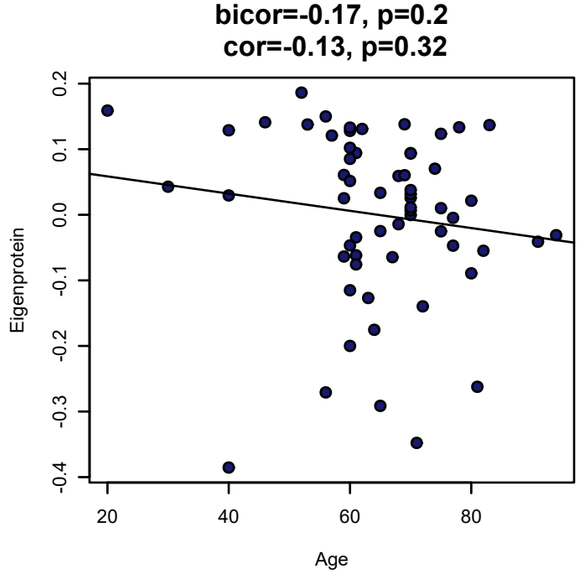

M15 midnightblue
T-test p = 0.7
Eigenprotein Value
control
cte_2

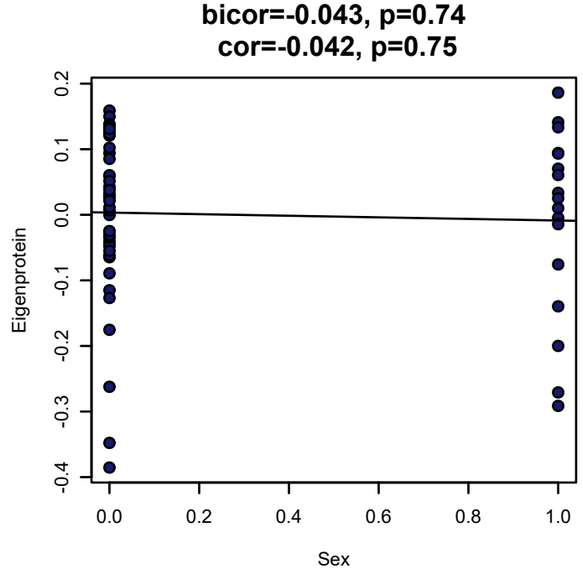

M15 midnightblue
T-test p = 0.98
Eigenprotein Value
control
cte_3

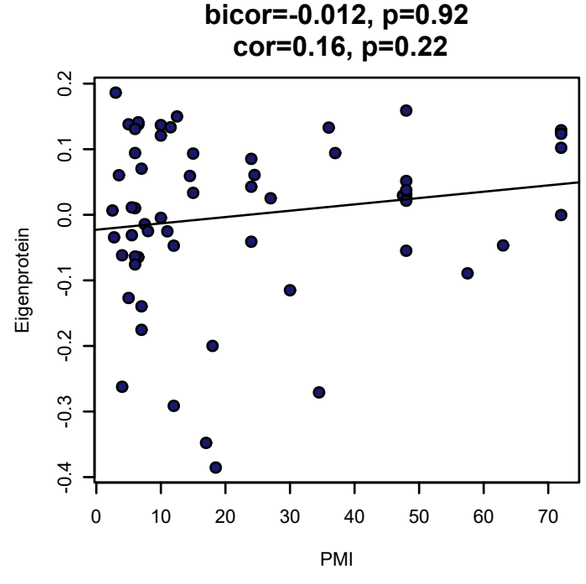

M15 midnightblue
T-test p = 0.04
Eigenprotein Value
control
cte_4


M15 midnightblue
T-test p = 1.9e-06
Eigenprotein Value
control
ftd

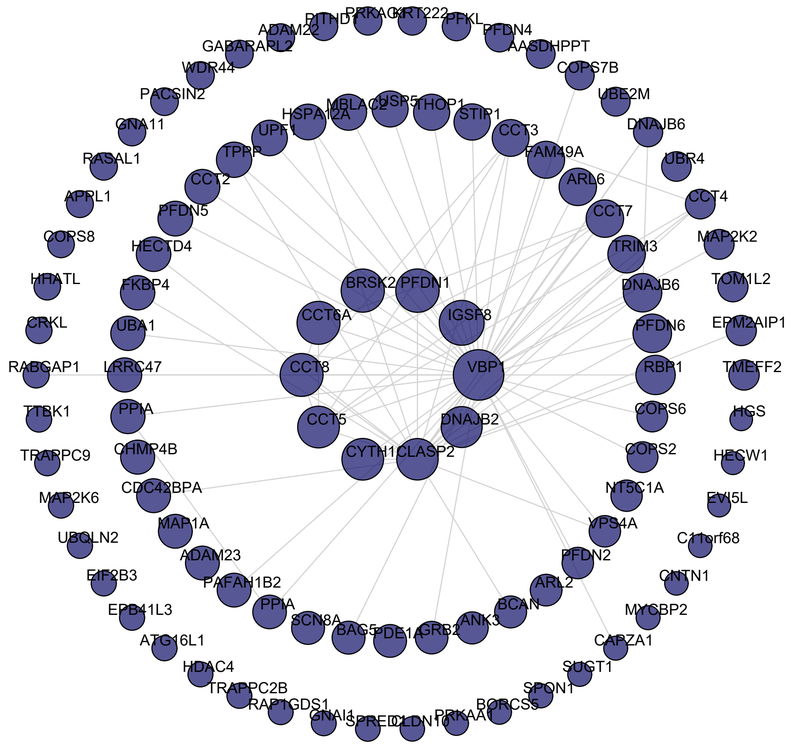

M15 midnightblue
T-test p = 0.41
Eigenprotein Value
control
psp


bicor=-0.17, p=0.2
cor=-0.13, p=0.32
Eigenprotein
Age

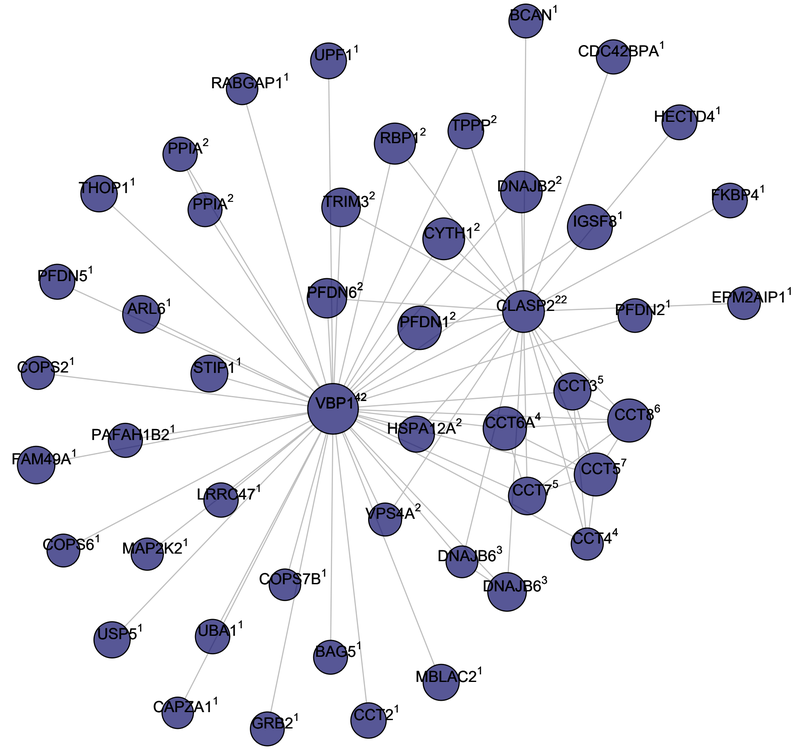

bicor=-0.043, p=0.74
cor=-0.042, p=0.75
Eigenprotein
Sex

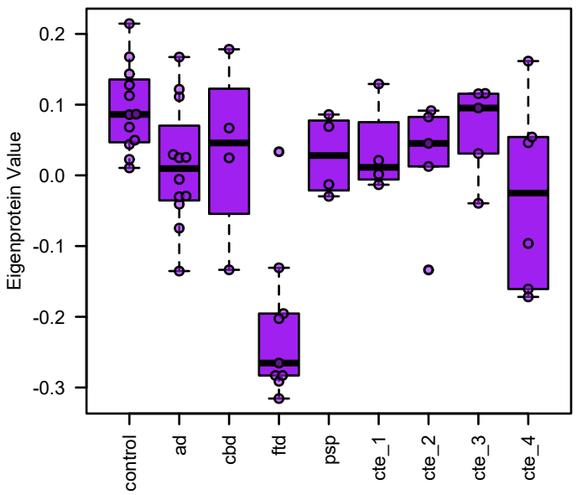

bicor=-0.012, p=0.92
cor=0.16, p=0.22
Eigenprotein
PMI

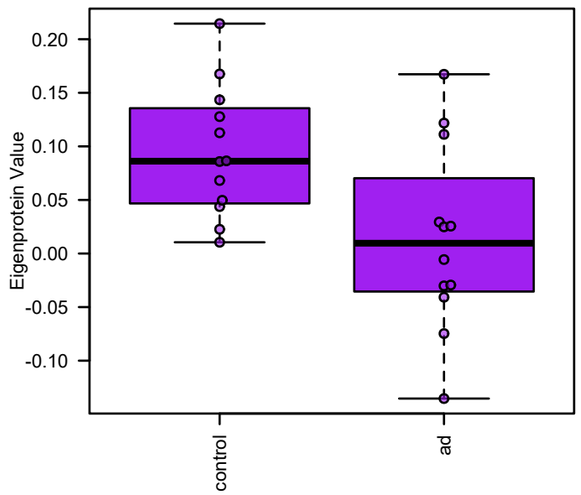
M15 midnightblue module

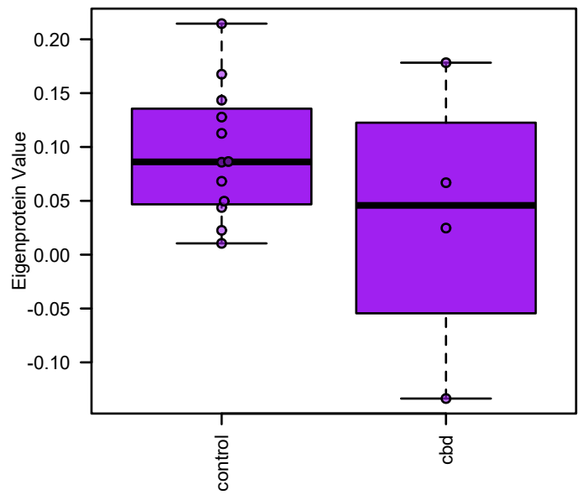


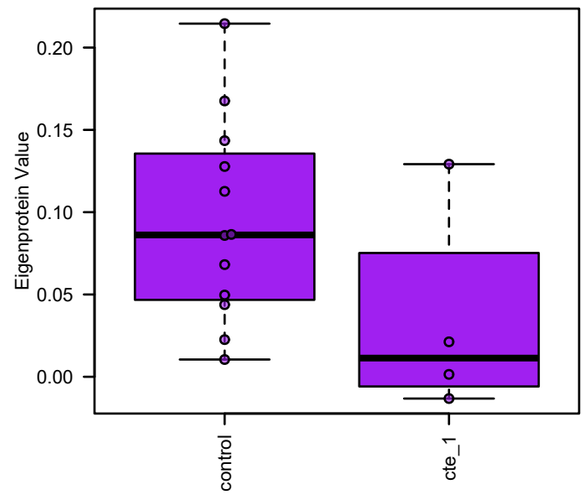
M15 midnightblue module hubs connected by top 150 TOM edges: HUB^{degree}

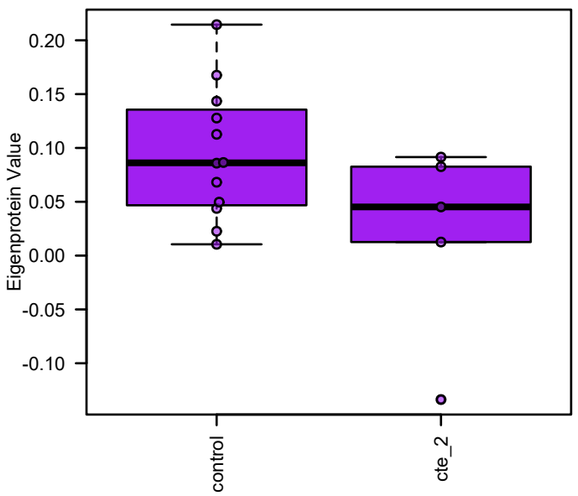


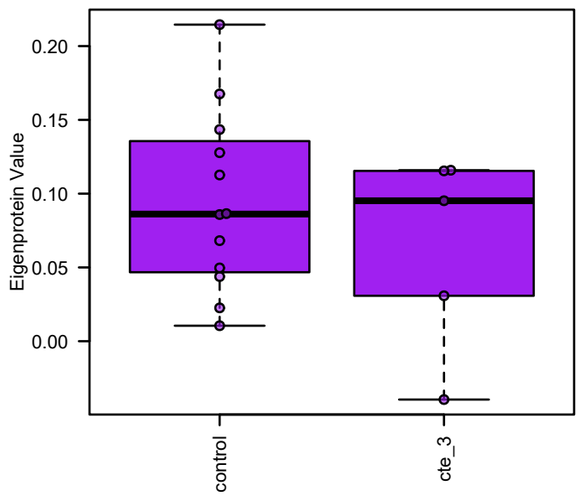

M10 purple
1-way AOV p = 3e-07
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

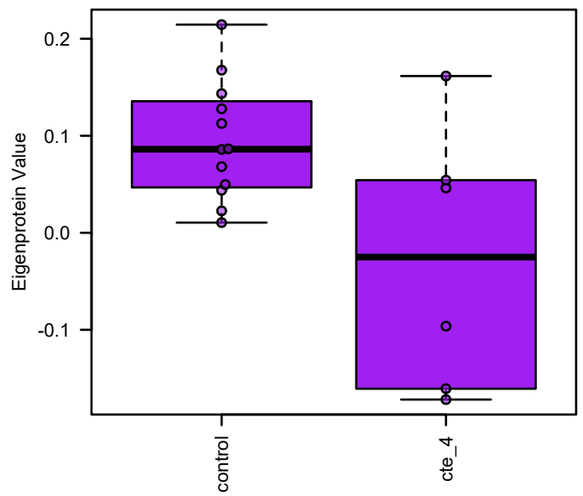

M10 purple
T-test p = 0.015
Eigenprotein Value
control
ad

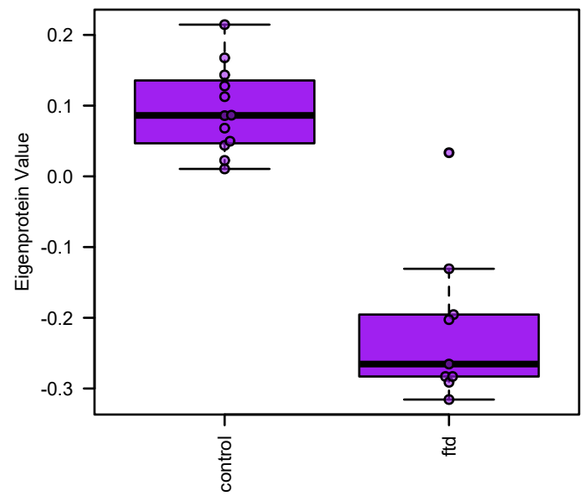

M10 purple
T-test p = 0.22
Eigenprotein Value
control
cbd

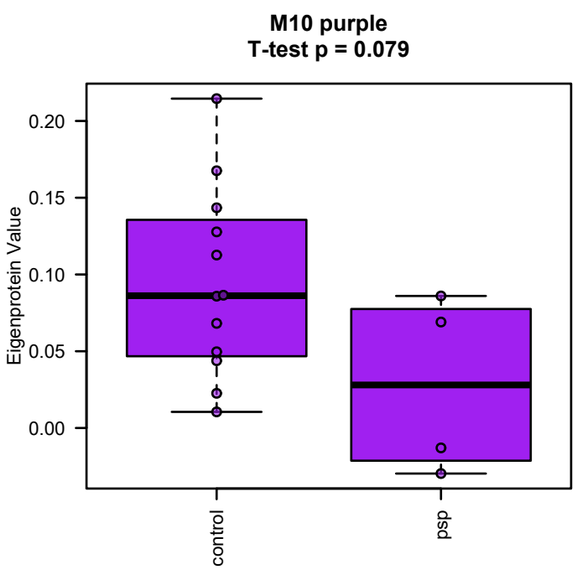

M10 purple
T-test p = 0.12
Eigenprotein Value
control
cte_1

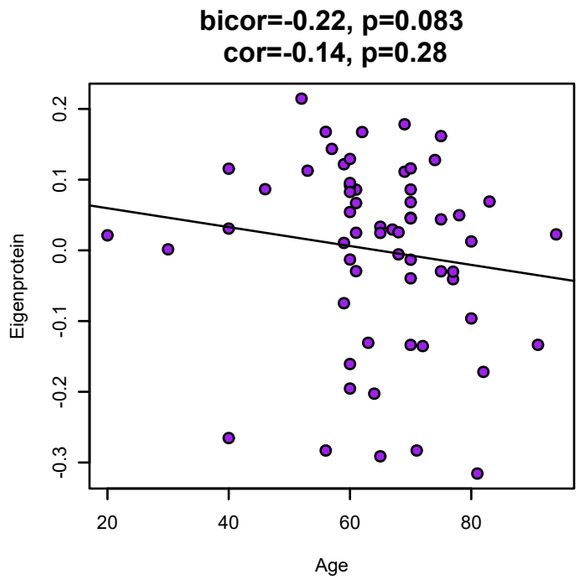

M10 purple
T-test p = 0.065
Eigenprotein Value
control
cte_2

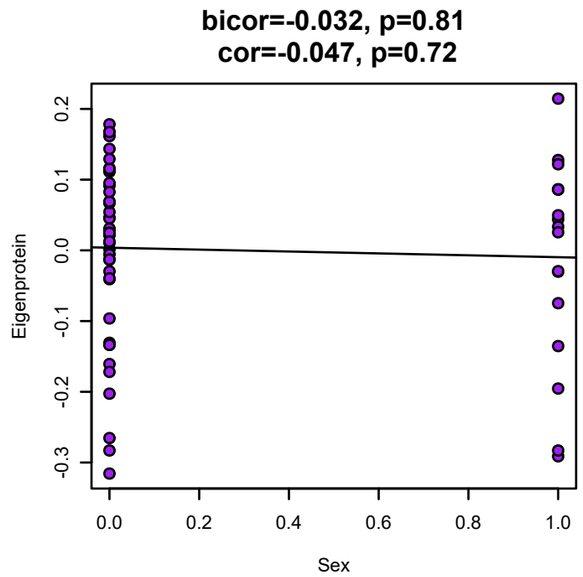

M10 purple
T-test p = 0.37
Eigenprotein Value
control
cte_3

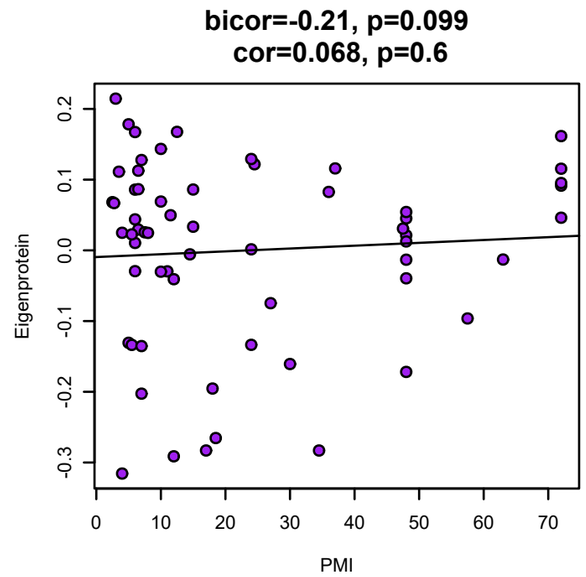

M10 purple
T-test p = 0.016
Eigenprotein Value
control
cte_4

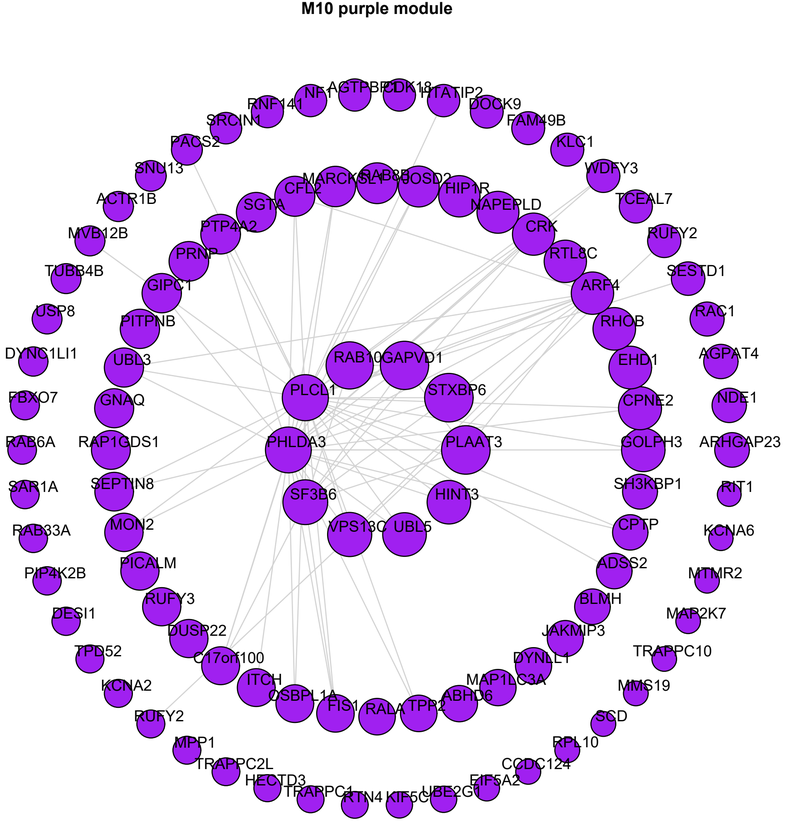

M10 purple
T-test p = 1.1e-07
Eigenprotein Value
control
ftd

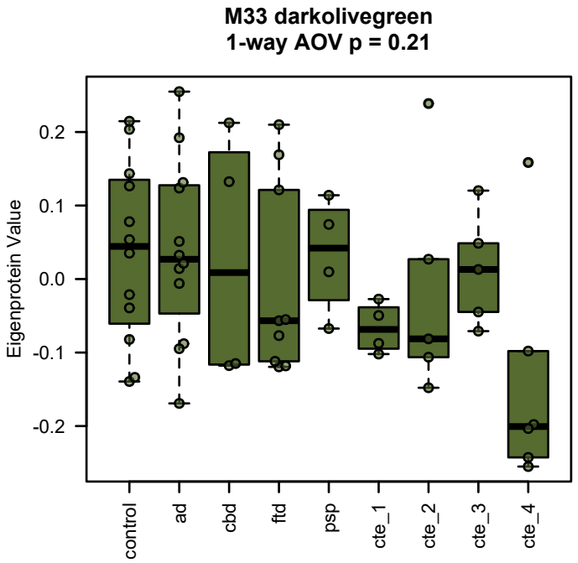

M10 purple
T-test p = 0.079
Eigenprotein Value
control
psp

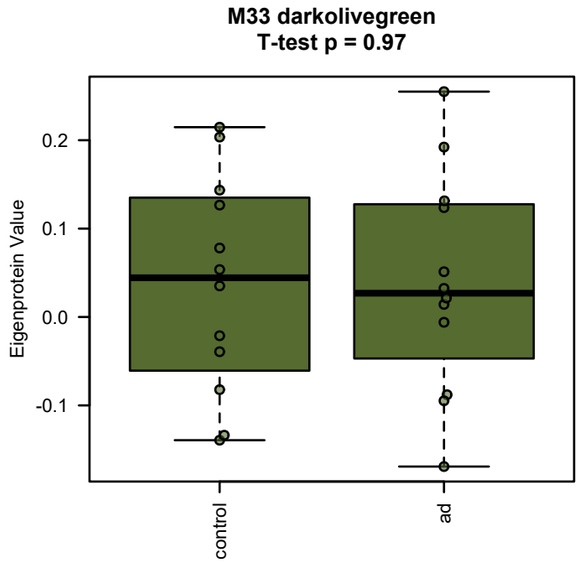

bicor=-0.22, p=0.083
cor=-0.14, p=0.28
Eigenprotein
Age

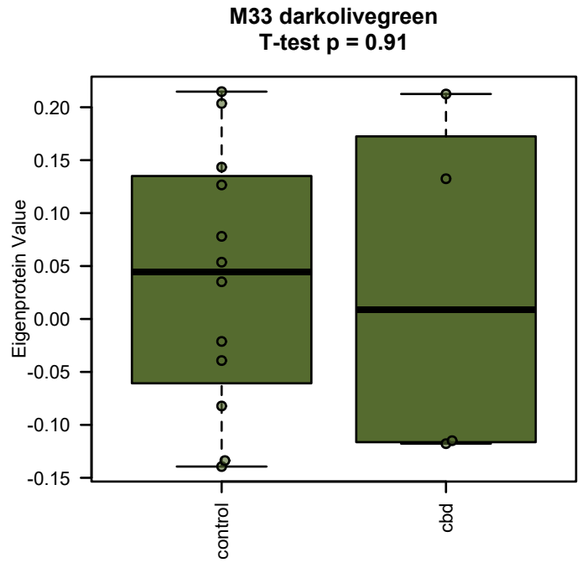

bicor=-0.032, p=0.81
cor=-0.047, p=0.72
Eigenprotein
Sex

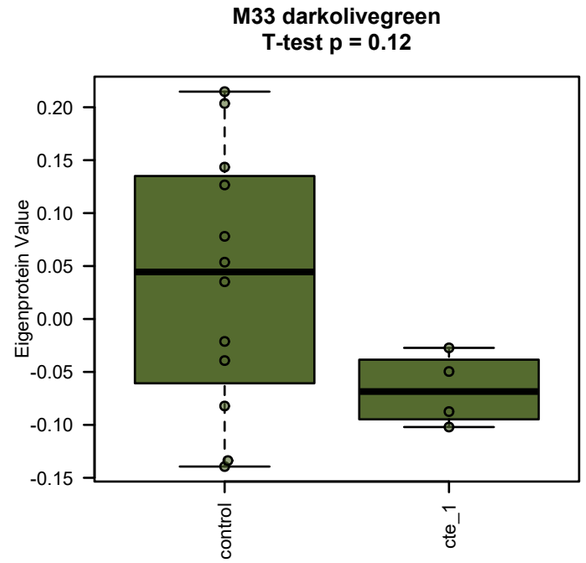

bicor=-0.21, p=0.099
cor=0.068, p=0.6
Eigenprotein
PMI

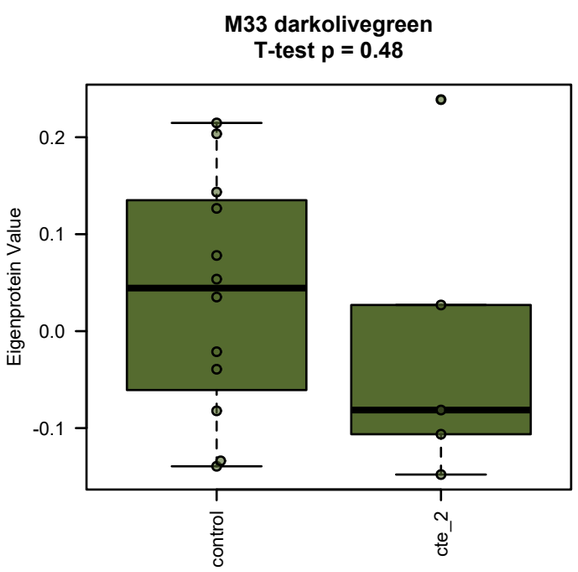

M10 purple module
AGTPBP1
CDK18
HTATIP2
DOCK9
FAM49B
KLC1
WDFY3
TCEAL7
RUFY2
SESTD1
RAC1
AGPAT4
NDE1
ARHGAP23
RIT1
KCNA6
MTMR2
MAP2K7
TRAPPC10
MMS19
SCD
RPL10
CCDC124
EIF5A2
UBE2G1
KIF5C
ATN4
TRAPPC1
HECTD3
TRAPPC2L
MPP1
RUFY2
KCNA2
TPD52
C17orf100
DUSP22
RUFY3
DESI1
PIP4K2B
PICALM
MON2
RAB33A
SAR1A
SEPTIN8
RAP1GDS1
RAB6A
FBXO7
GNAQ
UBL3
DYNC1LI1
USP8
PITPNB
GIPC1
PRNP
TUBB4B
MVB12B
ACTR1B
SNU13
PACS2
SRCIN1
RNF141
NF1
MARCKSL1
SLAB8B
OSBPL1A
FIS1
RALA
TPR
ABHD6
MAP1LC3A
DYNLL1
JAKMIP3
BLMH
ADSS2
CPTP
SH3KBP1
CPNE2
GOLPH3
PLAAT3
HINT3
VPS13C
UBL5
SF3B6
PHLDA3
PLCL1
STXBP6
GAPVD1
RAB10
RHOB
EHD1
ARF4
RTL8C
CRK
NAPEPLD
HIP1R
JOSD2
CFL2
SGTA
PTP4A2
RUFY2
RUFY2
ADSS2
ITCH
HTATIP2
MVB12B
JOSD2
TPPP2
PTP4A2
MON2
MARCKSL1
SESTD1
OSBPL1A
GOLPH3
STXBP6
VPS13C
CFL2
PLCL1
WDFY3
UBL3
PHLDA3
HINT3
SEPTIN8
ARF4
RAB10
UBL5
PLAAT3
CRK
CPNE2
GIPC1
C17orf100
GAPVD1
SF3B6
CPTP
FIS1
PACS2
M10 purple module hubs connected by top 150 TOM edges: HUB degree

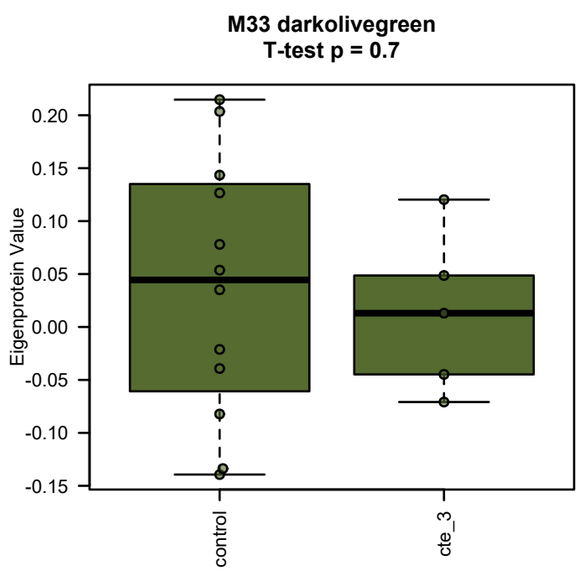

M33 darkolivegreen
1-way AOV p = 0.21
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

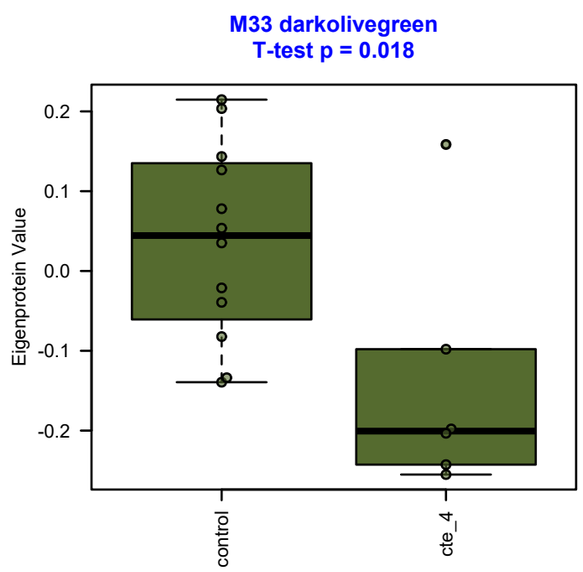

M33 darkolivegreen
T-test p = 0.97
Eigenprotein Value
control
ad

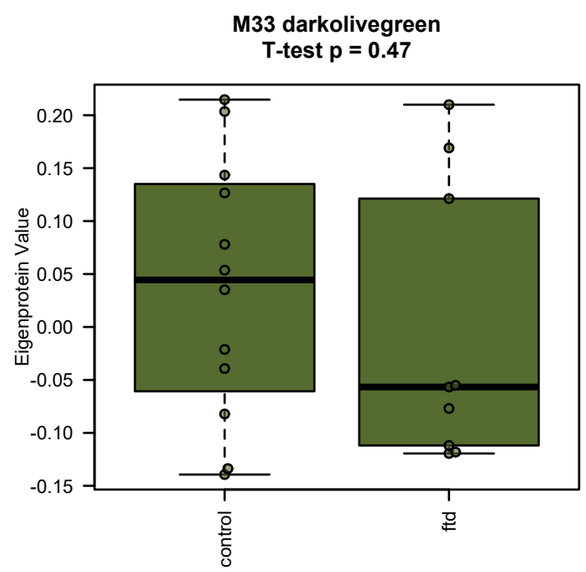

M33 darkolivegreen
T-test p = 0.91
Eigenprotein Value
control
cbd

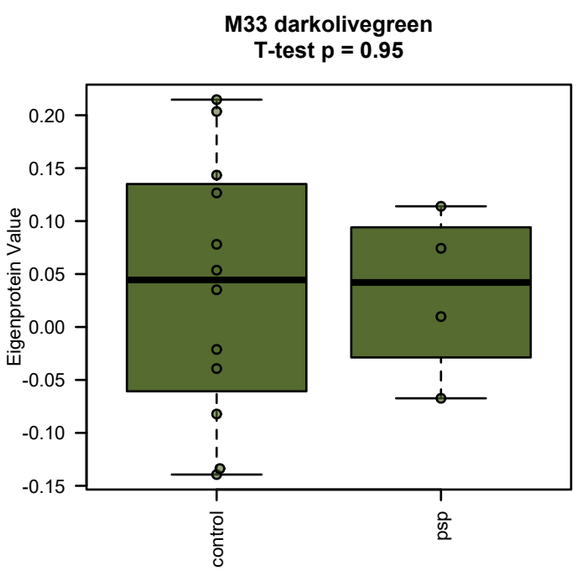

M33 darkolivegreen
T-test p = 0.12
Eigenprotein Value
control
cte_1

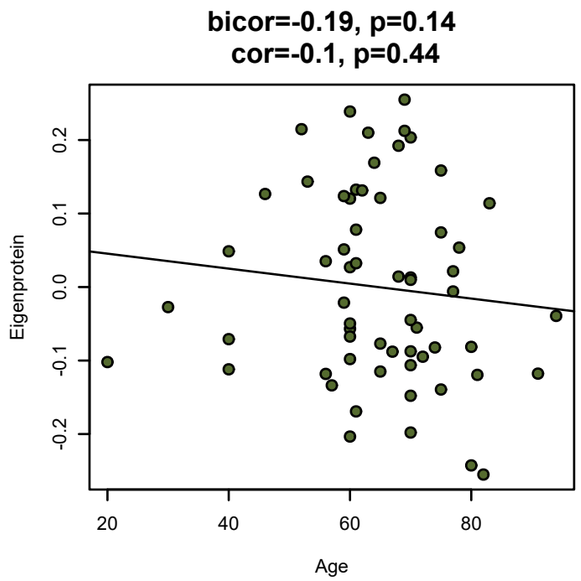

M33 darkolivegreen
T-test p = 0.48
Eigenprotein Value
control
cte_2

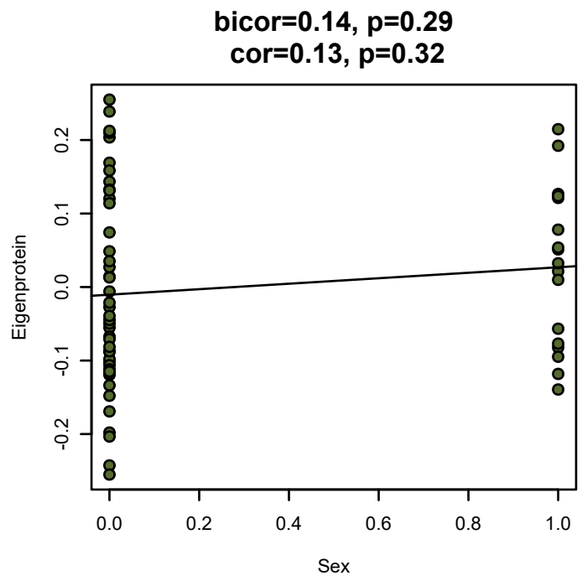

M33 darkolivegreen
T-test p = 0.7
Eigenprotein Value
control
cte_3

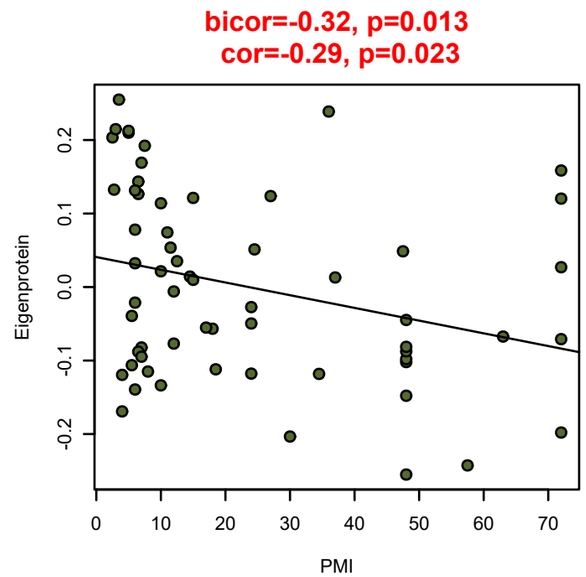

M33 darkolivegreen
T-test p = 0.018
Eigenprotein Value
control
cte_4

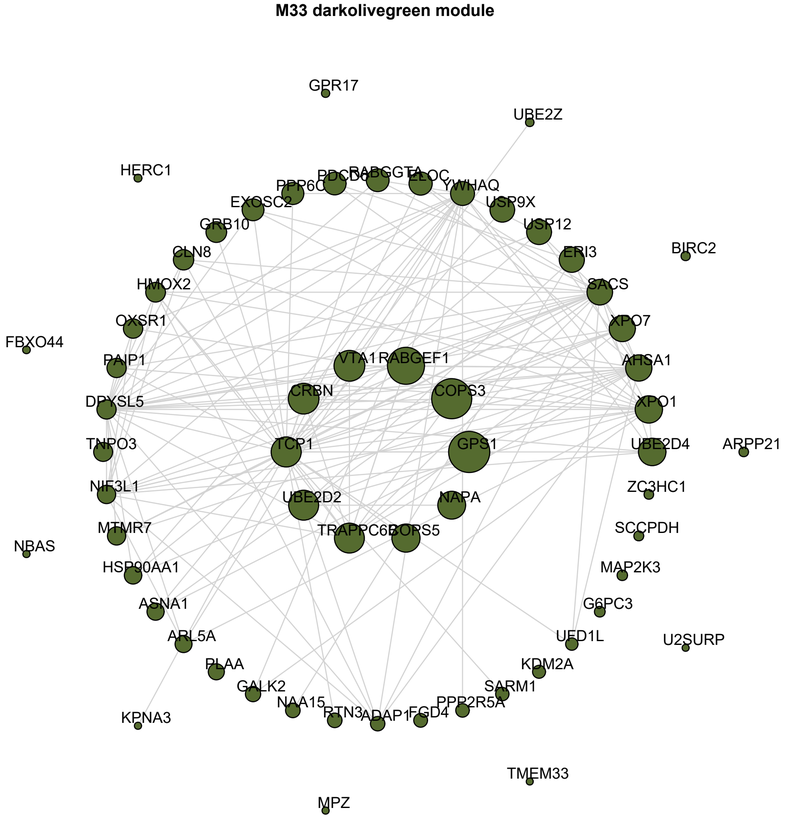

M33 darkolivegreen
T-test p = 0.47
Eigenprotein Value
control
ftd


M33 darkolivegreen
T-test p = 0.95
Eigenprotein Value
control
psp

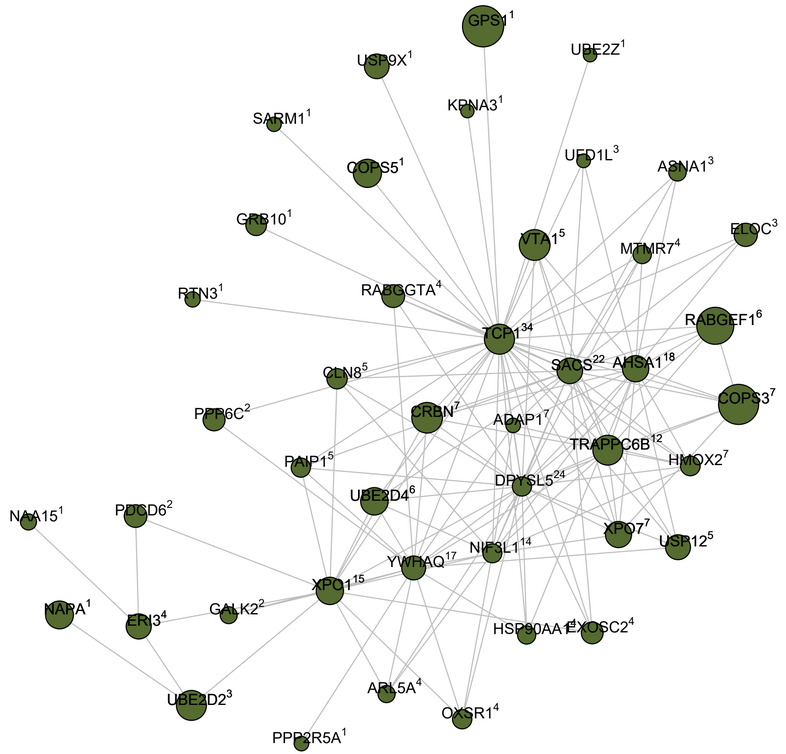

bicor=-0.19, p=0.14
cor=-0.1, p=0.44
Eigenprotein
Age

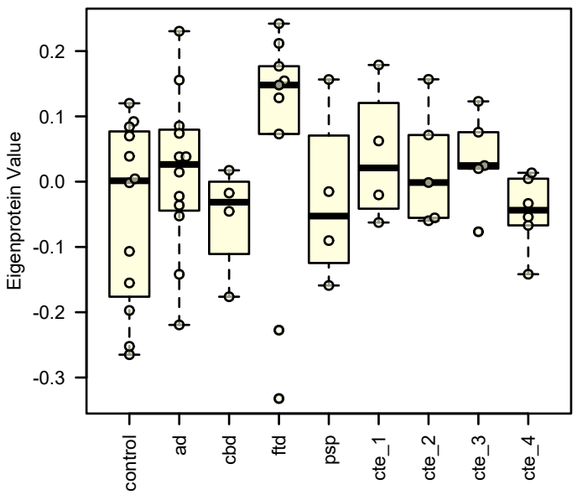

bicor=0.14, p=0.29
cor=0.13, p=0.32
Eigenprotein
Sex

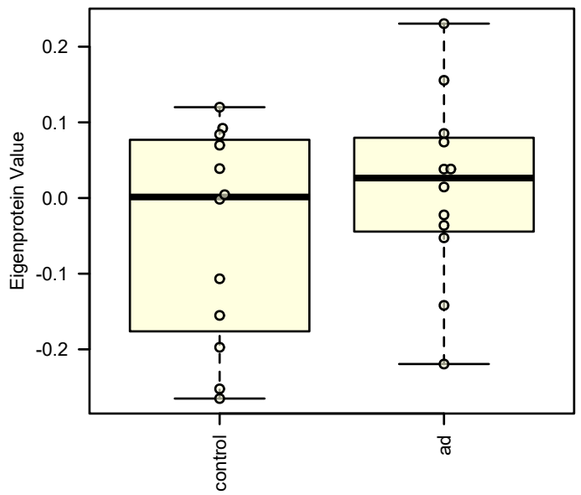

bicor=-0.32, p=0.013
cor=-0.29, p=0.023
Eigenprotein
PMI

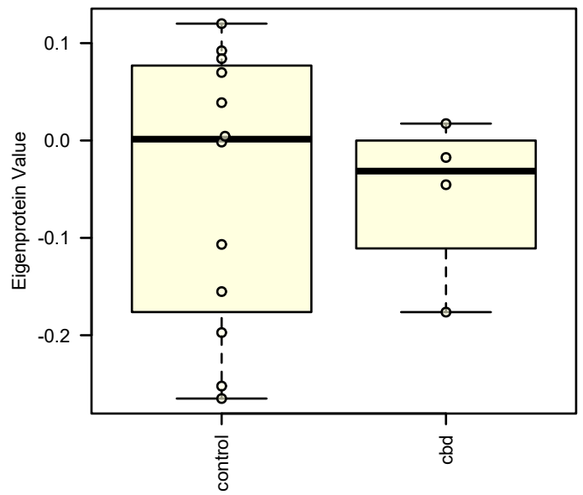


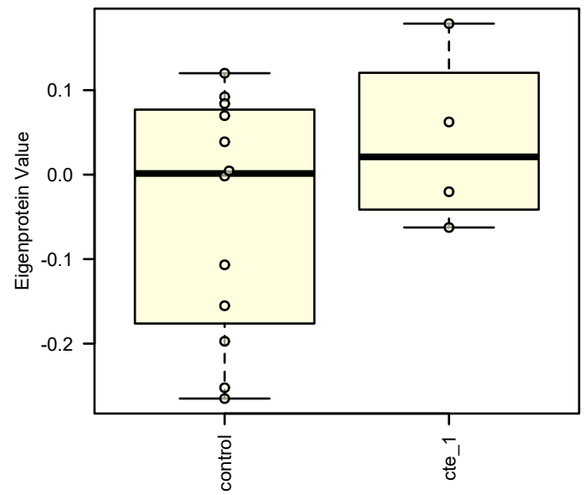
M33 darkolivegreen module hubs connected by top 280 TOM edges: HUB^{degree}

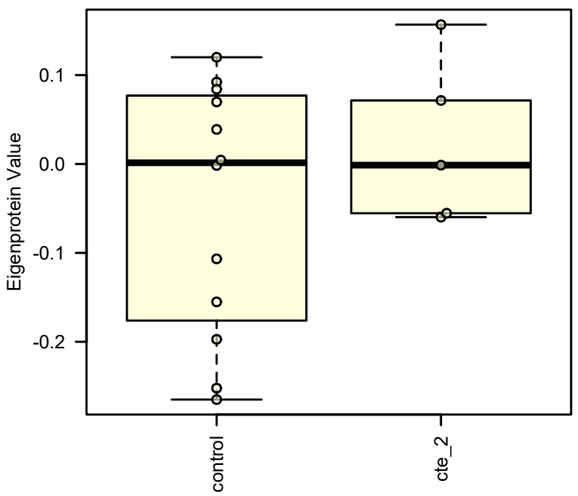


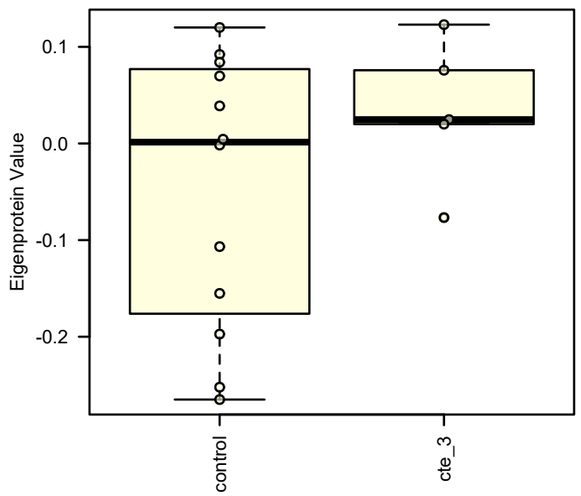

M19 lightyellow
1-way AOV p = 0.61
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

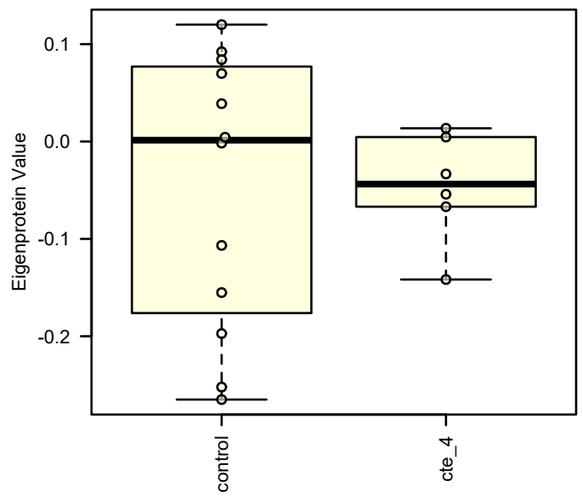

M19 lightyellow
T-test p = 0.27
Eigenprotein Value
control
ad

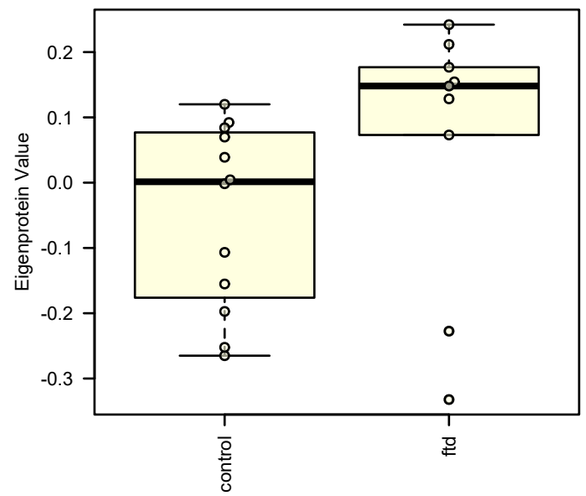

M19 lightyellow
T-test p = 0.92
Eigenprotein Value
control
cbd

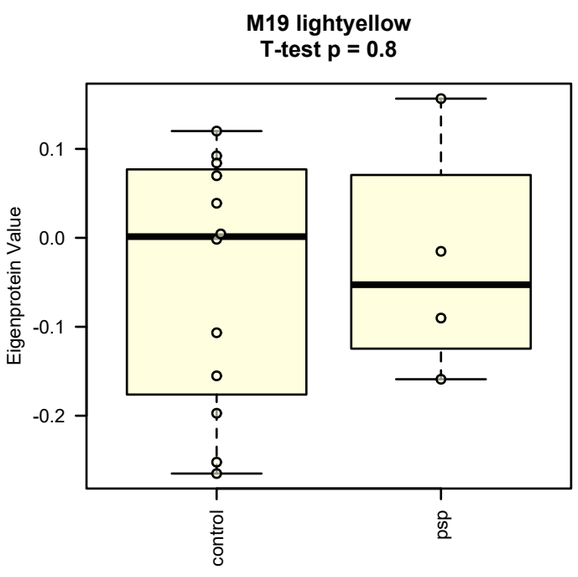

M19 lightyellow
T-test p = 0.28
Eigenprotein Value
control
cte_1

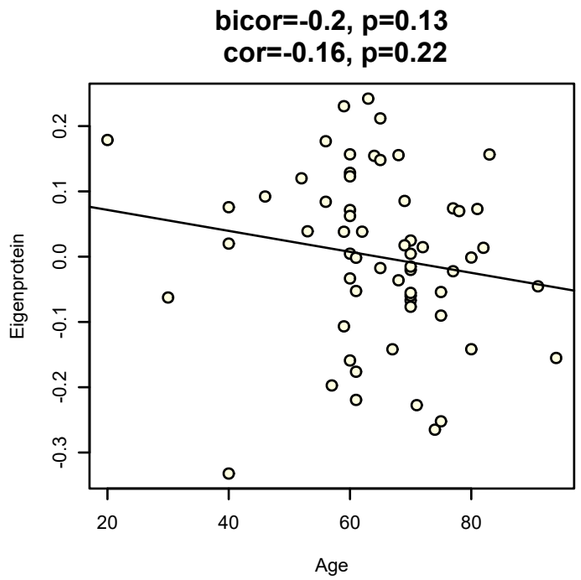

M19 lightyellow
T-test p = 0.33
Eigenprotein Value
control
cte_2

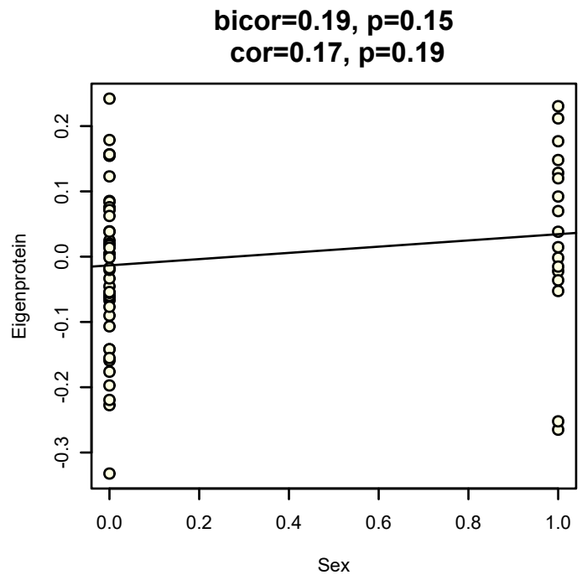

M19 lightyellow
T-test p = 0.25
Eigenprotein Value
control
cte_3

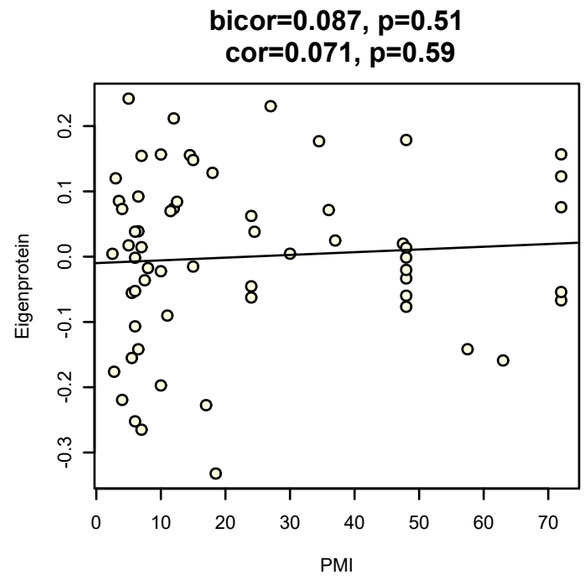

M19 lightyellow
T-test p = 0.99
Eigenprotein Value
control
cte_4


M19 lightyellow
T-test p = 0.15
Eigenprotein Value
control
ftd

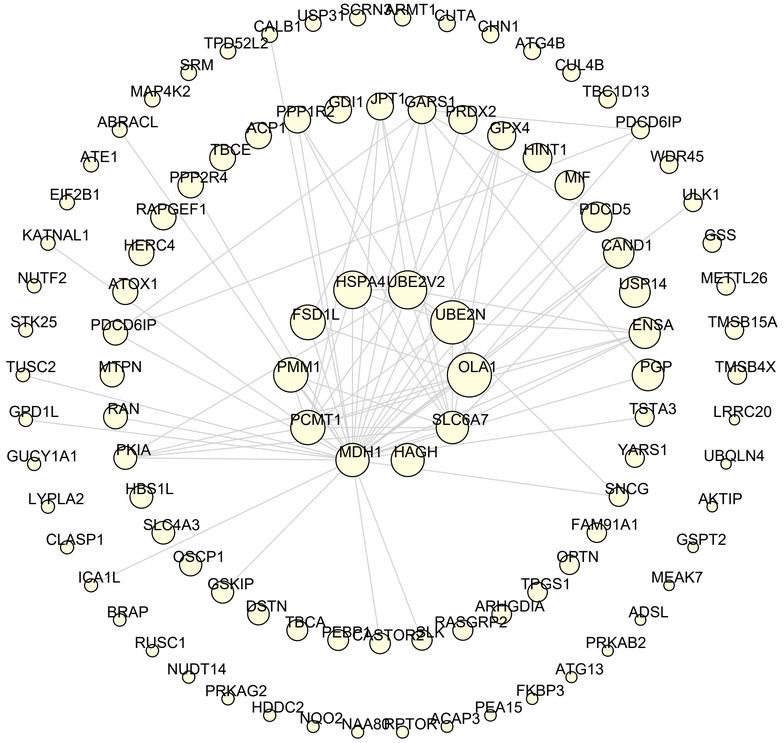

M19 lightyellow
T-test p = 0.8
Eigenprotein Value
control
psp


bicor=-0.2, p=0.13
cor=-0.16, p=0.22
Eigenprotein
Age

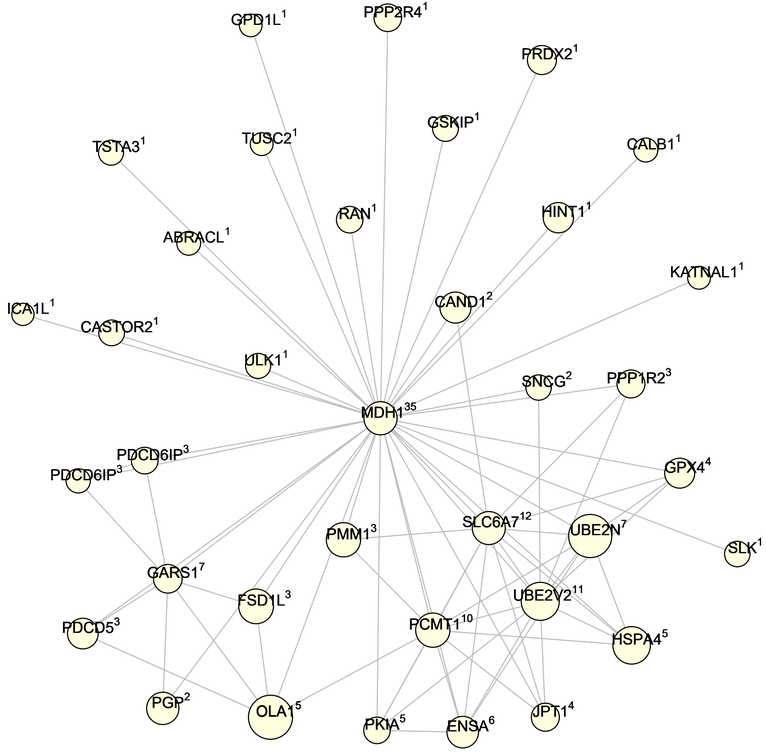

bicor=0.19, p=0.15
cor=0.17, p=0.19
Eigenprotein
Sex

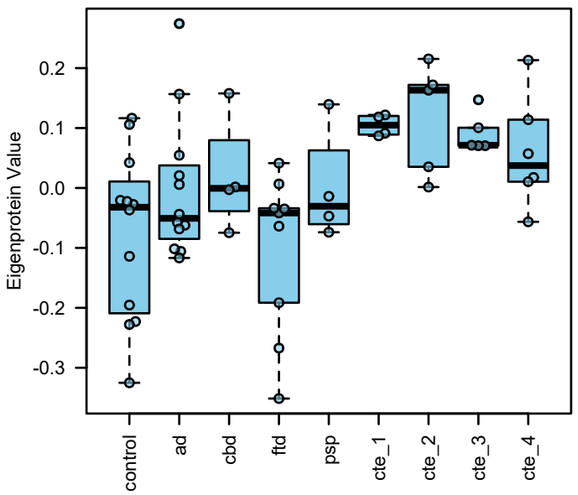

bicor=0.087, p=0.51
cor=0.071, p=0.59
Eigenprotein
PMI

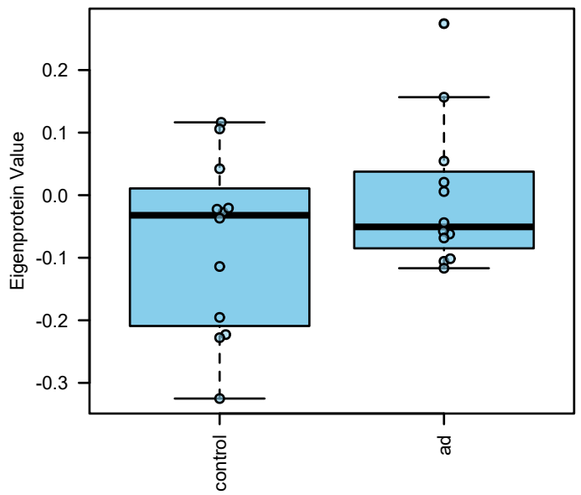
M19 lightyellow module

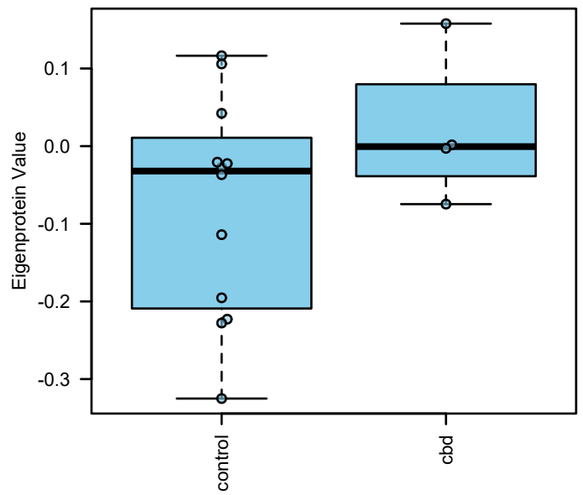


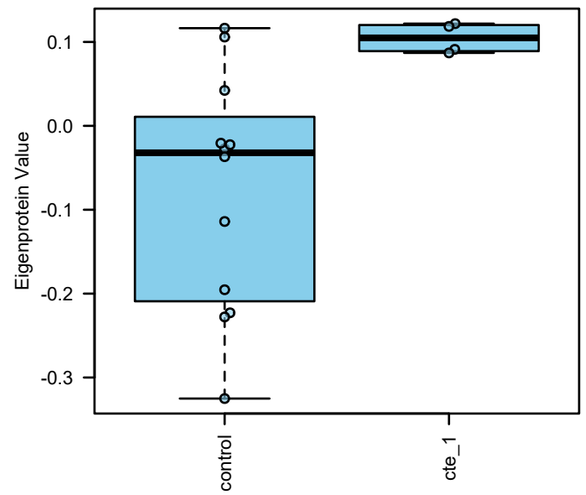
M19 lightyellow module hubs connected by top 150 TOM edges: HUB^{degree}

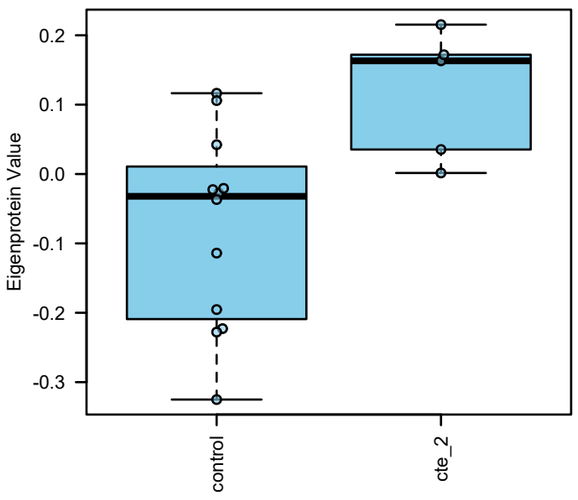


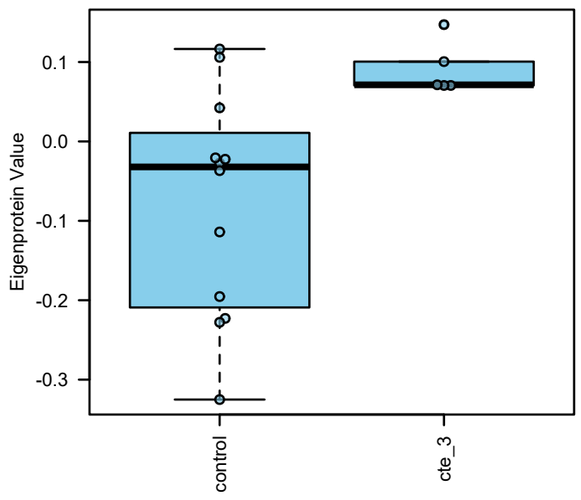

M28 skyblue
1-way AOV p = 0.0029
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

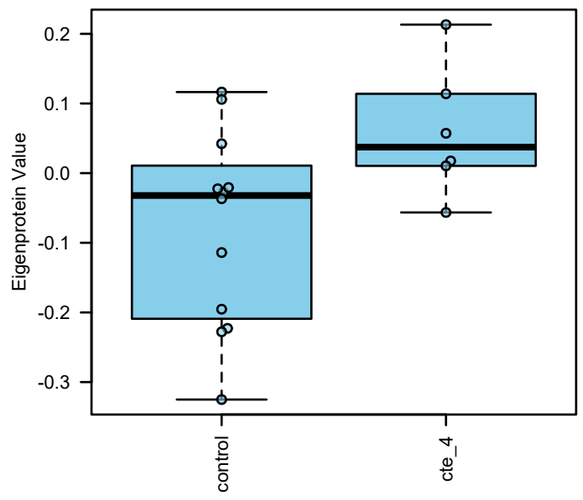

M28 skyblue
T-test p = 0.18
Eigenprotein Value
control
ad

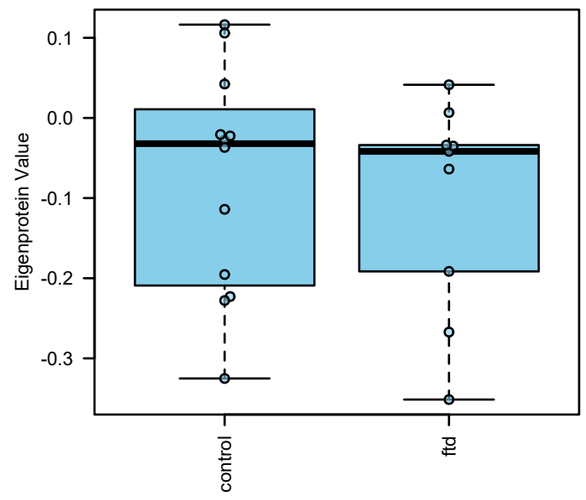

M28 skyblue
T-test p = 0.22
Eigenprotein Value
control
cbd

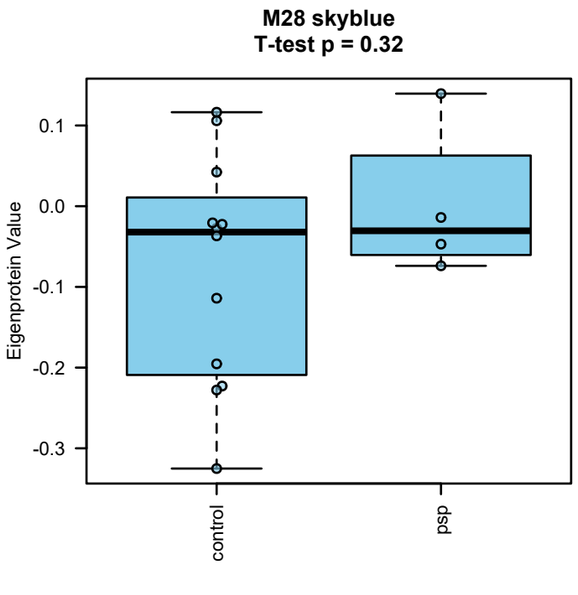

M28 skyblue
T-test p = 0.024
Eigenprotein Value
control
cte_1

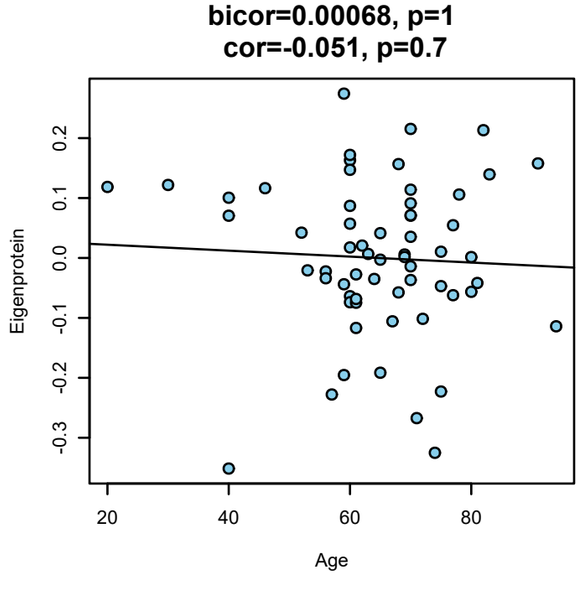

M28 skyblue
T-test p = 0.013
Eigenprotein Value
control
cte_2

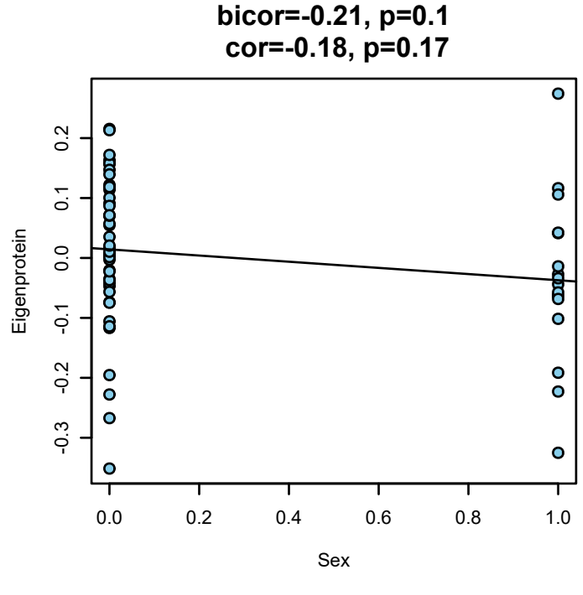

M28 skyblue
T-test p = 0.019
Eigenprotein Value
control
cte_3

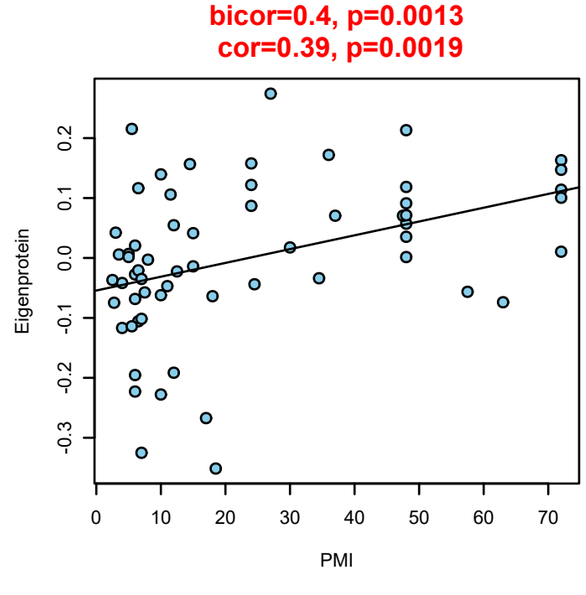

M28 skyblue
T-test p = 0.048
Eigenprotein Value
control
cte_4


M28 skyblue
T-test p = 0.66
Eigenprotein Value
control
ftd

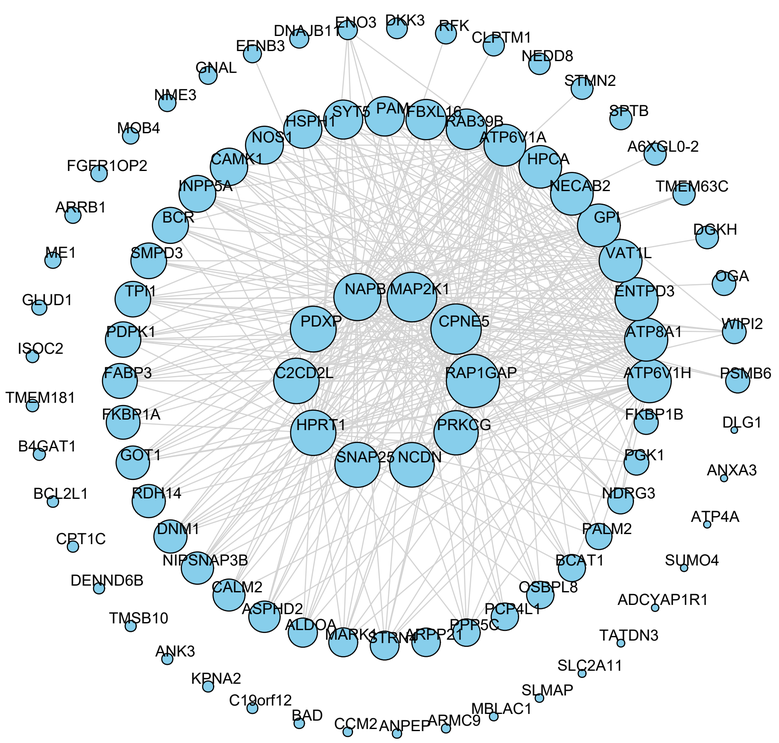

M28 skyblue
T-test p = 0.32
Eigenprotein Value
control
psp


bicor=0.00068, p=1
cor=-0.051, p=0.7
Eigenprotein
Age

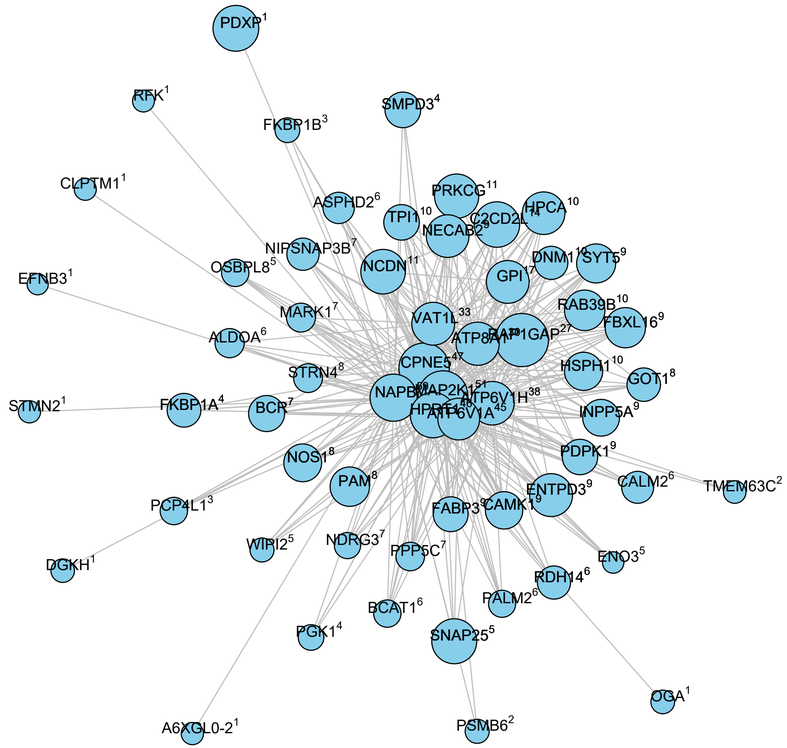

bicor=-0.21, p=0.1
cor=-0.18, p=0.17
Eigenprotein
Sex

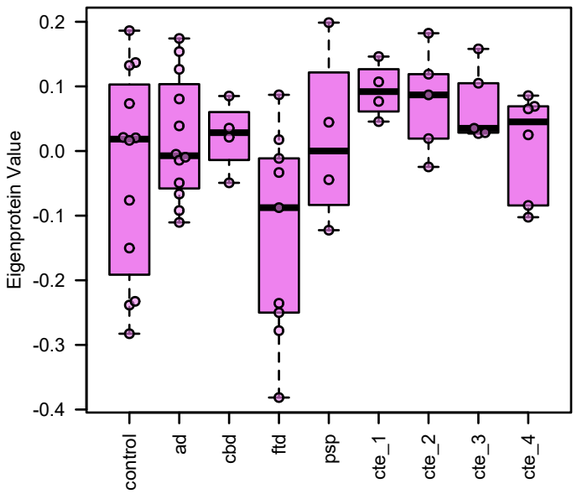

bicor=0.4, p=0.0013
cor=0.39, p=0.0019
Eigenprotein
PMI

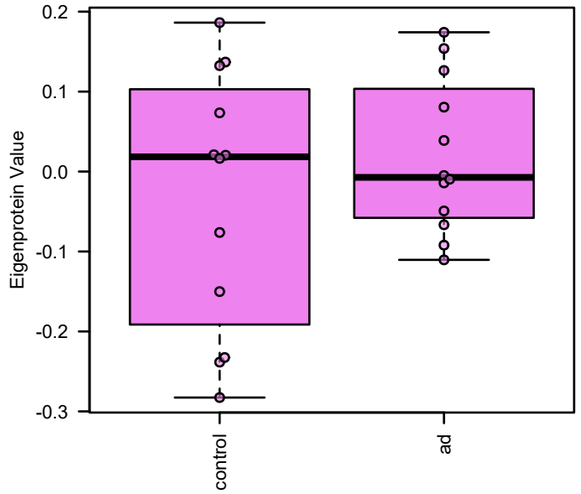
M28 skyblue module

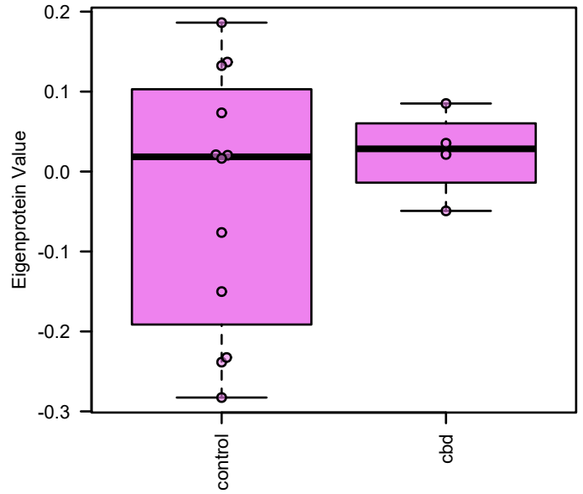


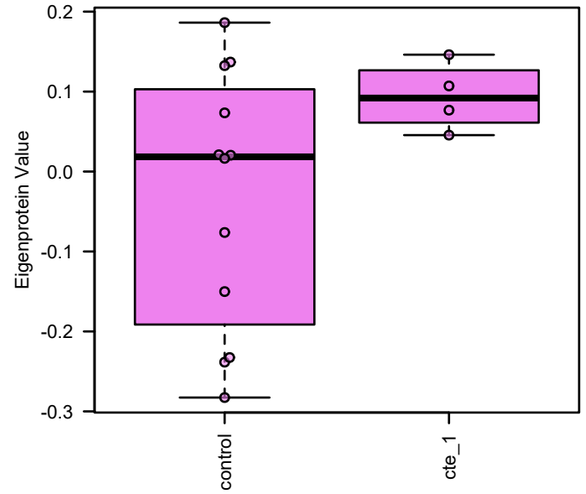
M28 skyblue module hubs connected by top 704 TOM edges: HUB^{degree}

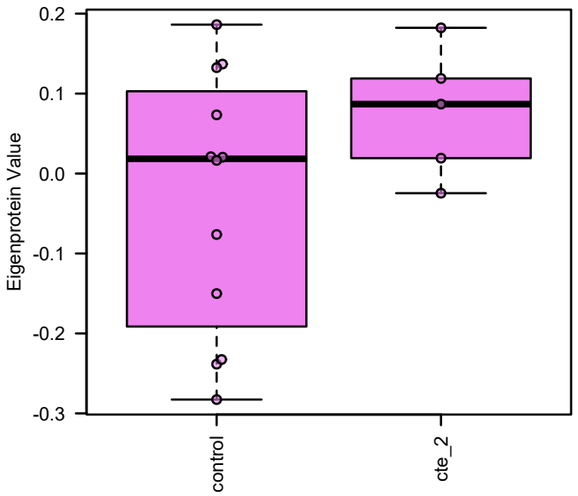


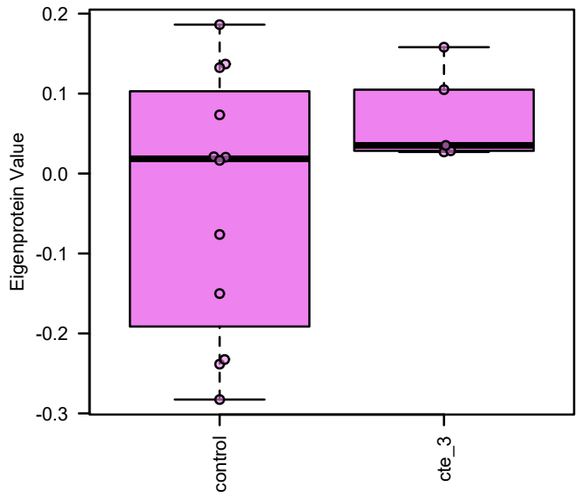

M32 violet
1-way AOV p = 0.032
Eigenprotein Value
control
ad
cbd
ftd
psp
cte_1
cte_2
cte_3
cte_4

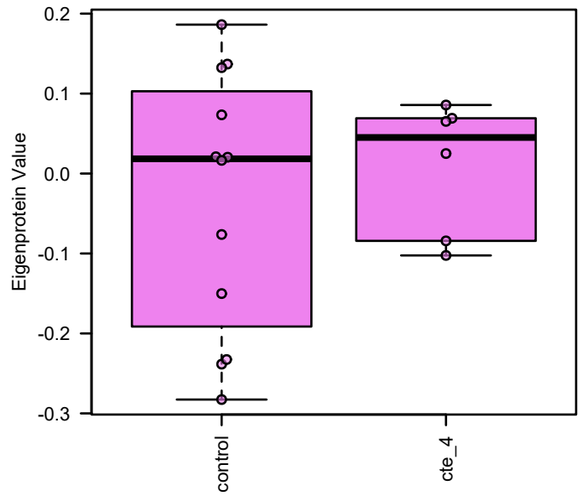

M32 violet
T-test p = 0.35
Eigenprotein Value
control
ad

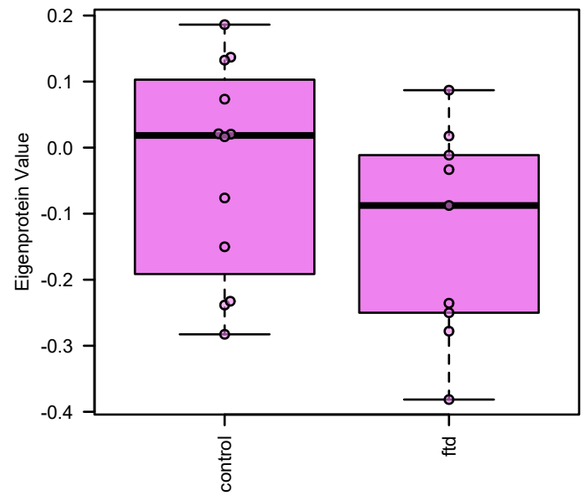

M32 violet
T-test p = 0.51
Eigenprotein Value
control
cbd

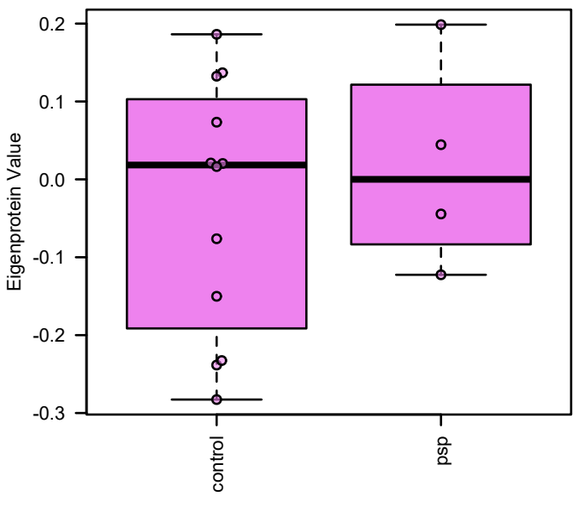

M32 violet
T-test p = 0.15
Eigenprotein Value
control
cte_1

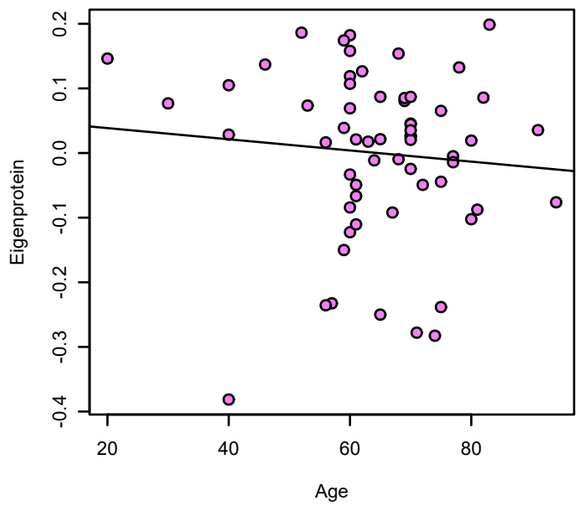

M32 violet
T-test p = 0.17
Eigenprotein Value
control
cte_2

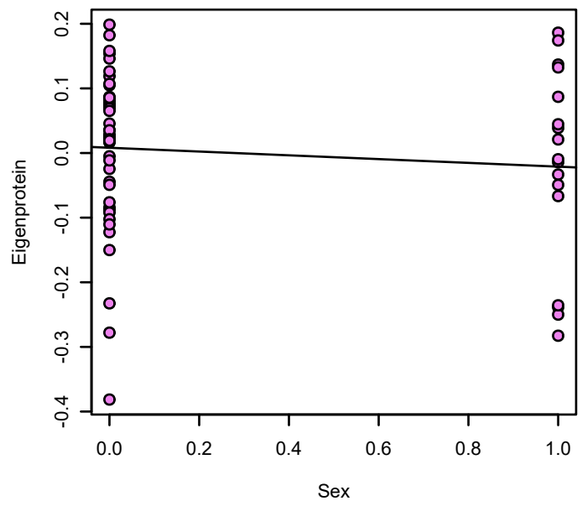

M32 violet
T-test p = 0.19
Eigenprotein Value
control
cte_3

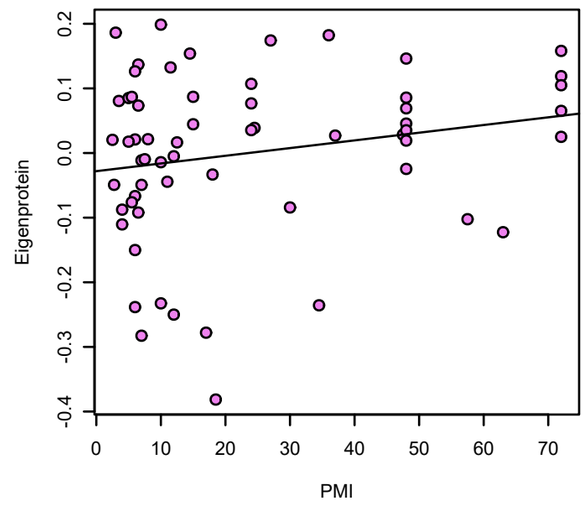

M32 violet
T-test p = 0.55
Eigenprotein Value
control
cte_4


M32 violet
T-test p = 0.18
Eigenprotein Value
control
ftd

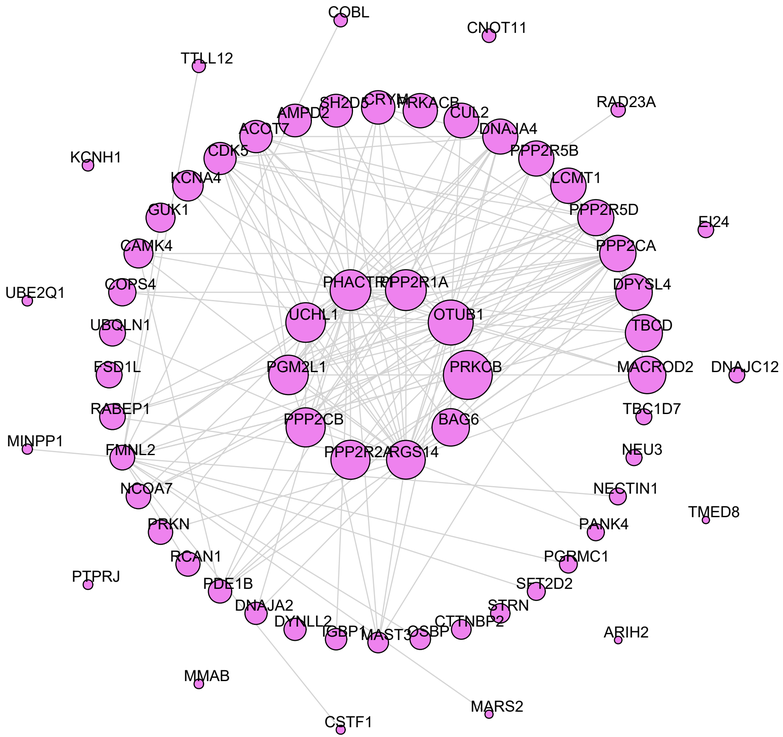

M32 violet
T-test p = 0.57
Eigenprotein Value
control
psp


bicor=-0.1, p=0.43
cor=-0.088, p=0.5
Eigenprotein
Age


bicor=-0.094, p=0.47
cor=-0.1, p=0.44
Eigenprotein
Sex


bicor=0.11, p=0.4
cor=0.2, p=0.12
Eigenprotein
PMI

M32 violet module



M32 violet module hubs connected by top 320 TOM edges: HUB^{degree}