| *SSRI1* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 41 | 100.0 | 41 | 100.0 |
| *Frequency Missing = 15750* | | | | |

| *TCA1* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 368 | 100.0 | 368 | 100.0 |
| *Frequency Missing = 15423* | | | | |

| *OAD1* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 27 | 100.0 | 27 | 100.0 |
| *Frequency Missing = 15764* | | | | |

| *SSRI2* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 133 | 100.0 | 133 | 100.0 |
| *Frequency Missing = 14215* | | | | |

| *TCA2* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 383 | 100.0 | 383 | 100.0 |
| *Frequency Missing = 13965* | | | | |

| *OAD2* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 21 | 100.0 | 21 | 100.0 |
| *Frequency Missing = 14327* | | | | |

| *SSRI3* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 288 | 100.0 | 288 | 100.0 |
| *Frequency Missing = 12598* | | | | |

| *TCA3* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 382 | 100.0 | 382 | 100.0 |
| *Frequency Missing = 12504* | | | | |

| *OAD3* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 37 | 100.0 | 37 | 100.0 |
| *Frequency Missing = 12849* | | | | |

| *SSRI4* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 397 | 100.0 | 397 | 100.0 |
| *Frequency Missing = 11259* | | | | |

| *TCA4* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 335 | 100.0 | 335 | 100.0 |
| *Frequency Missing = 11321* | | | | |

| *OAD4* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 58 | 100.0 | 58 | 100.0 |
| *Frequency Missing = 11598* | | | | |

| *SSRI5* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 664 | 100.0 | 664 | 100.0 |
| *Frequency Missing = 5874* | | | | |

| *TCA5* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 174 | 100.0 | 174 | 100.0 |
| *Frequency Missing = 6364* | | | | |

| *OAD5* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| --- | --- | --- | --- | --- |
| *1* | 58 | 100.0 | 58 | 100.0 |
| *Frequency Missing = 6480* | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| *Data Set Name* | VISIT2.DERIVE2\_10 | *Observations* | 14348 |
| *Member Type* | DATA | *Variables* | 89 |
| *Engine* | V9 | *Indexes* | 0 |
| *Created* | 09/02/2009 16:12:05 | *Observation Length* | 656 |
| *Last Modified* | 09/02/2009 16:12:05 | *Deleted Observations* | 0 |
| *Protection* |  | *Compressed* | NO |
| *Data Set Type* |  | *Sorted* | NO |
| *Label* | Visit 2 derived file Updated by UC528402 |  |  |
| *Data Representation* | WINDOWS\_32 |  |  |
| *Encoding* | wlatin1 Western (Windows) |  |  |

| *Engine/Host Dependent Information* | |
| --- | --- |
| *Data Set Page Size* | 16384 |
| *Number of Data Set Pages* | 599 |
| *First Data Page* | 1 |
| *Max Obs per Page* | 24 |
| *Obs in First Data Page* | 5 |
| *Number of Data Set Repairs* | 0 |
| *Filename* | T:\epiprojs\ARIC\data\visit 2\derive2\_10.sas7bdat |
| *Release Created* | 9.0101M3 |
| *Host Created* | XP\_PRO |
| *Owner Name* | EMORYUNIVAD\AALONS3 |
| *File Size* | 9MB |
| *File Size (bytes)* | 9815040 |

| *Alphabetic List of Variables and Attributes* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *#* | *Variable* | *Type* | *Len* | *Format* | *Informat* | *Label* |
| *4* | ANTICOAGCODE21 | Num | 8 |  |  | Used Anticoagulates (at Visit 2) last 2 weeks (0=No, 1=Yes) based on 2004 Med Code |
| *45* | APASIU21 | Num | 8 |  |  | V2 Apolipoprotein AI in mg/L |
| *46* | APBSIU21 | Num | 8 |  |  | V2 Apolipoprotein B in mg/L |
| *2* | ASPIRINCODE21 | Num | 8 |  |  | Used Aspirin-containing analgesics (at Visit 2) in last 2 weeks (0=No, 1=Yes), based on 2004 Med Code |
| *63* | BIFPLQ21 | Num | 8 |  |  | Plaque in either carotid bifurcation |
| *73* | BIFPS21 | Num | 8 |  |  | Plaque/shadowing in either bifurcation |
| *60* | BIFSHD21 | Num | 8 |  |  | Shadowing in either carotid bifurcation |
| *59* | BIRTHDAT | Num | 4 | DATE7. |  | DATE OF BIRTH OF SUBJECT Q11 |
| *34* | BMI21 | Num | 8 |  |  | V2 body mass index in kg/m2 |
| *31* | CENTER | Char | 7 |  |  | Visit 1 center |
| *85* | CHDRISK10YR\_21 | Num | 8 |  |  | % Risk of Inc CHD w/in 10 yrs (V2) |
| *88* | CHOLMDCODE21 | Num | 8 |  |  | Cholesterol lowering medication w/in 2wks: Using 2004 Med Code -V2 |
| *89* | CHOLMDCODE22 | Num | 8 |  |  | Medications which secondarily affect cholesterol: Using 2004 Med Code -V2 |
| *52* | CIGT21 | Num | 8 |  |  | V2 cigarette smoking status |
| *7* | CLVH21 | Char | 1 |  |  | LVH present by cornell definition |
| *33* | COMPLET2 | Num | 8 |  |  | V2 completion indicator |
| *65* | COMPLQ21 | Num | 8 |  |  | Plaque in either common carotid |
| *72* | COMPS21 | Num | 8 |  |  | Plaque/shadowing in either common |
| *62* | COMSHD21 | Num | 8 |  |  | Shadowing in either common carotid |
| *22* | CURDRK21 | Num | 8 |  |  | Current Drinker Flag |
| *19* | CURSMK21 | Num | 8 |  |  | Current Smoker Flag |
| *87* | DIABETESRISK9YR\_21 | Num | 8 |  |  | %Risk of Inc Diabts w/in 9yrs (V2) |
| *26* | DIABTS22 | Num | 8 |  |  | V2 Diabetes |
| *27* | DIABTS23 | Num | 8 |  |  | Diabts22 using chmb07=126 |
| *53* | DRNKR21 | Num | 8 |  |  | V2 drinking status |
| *15* | ECGMI24 | Num | 8 |  |  | Prv myocard. infarc. frm composite ECG |
| *54* | ETHANL24 | Num | 8 |  |  | V2 usual ethanol intake in g/wk |
| *24* | EVRDRK21 | Num | 8 |  |  | Ever Drinker Flag |
| *21* | EVRSMK21 | Num | 8 |  |  | Ever Smoker Flag |
| *80* | FAST0823 | Num | 8 |  |  | V2 Fast 8 Hrs or More, Definition 2 |
| *81* | FAST1223 | Num | 8 |  |  | V2 Fast 12 Hrs or More, Definition 2 |
| *23* | FORDRK21 | Num | 8 |  |  | Former Drinker Flag |
| *20* | FORSMK21 | Num | 8 |  |  | Former Smoker Flag |
| *29* | GENDER | Char | 1 |  |  | SEX (from FTRA22) |
| *40* | GLUSIU21 | Num | 8 |  |  | V2 blood glucose in mmol/L |
| *43* | HD2SIU21 | Num | 8 |  |  | V2 HDL (2) cholesterol in mmol/L |
| *44* | HD3SIU21 | Num | 8 |  |  | V2 HDL (3) cholesterol in mmol/L |
| *39* | HDL221 | Num | 8 |  |  | V2 HDL (2) cholesterol in mg/dL |
| *42* | HDLSIU21 | Num | 8 |  |  | V2 HDL cholesterol in mmol/L |
| *58* | HORMON22 | Num | 3 |  |  | V2 Hormone Use |
| *9* | HXOFMI21 | Num | 3 |  |  | V2 History of Myocardial Infarction |
| *49* | HYPERT24 | Num | 8 |  |  | V2 hypertension, definition 4 |
| *50* | HYPERT25 | Num | 8 |  |  | V2 hypertension, definition 5 |
| *51* | HYPERT26 | Num | 8 |  |  | V2 hypertension, definition 6 |
| *56* | HYPTMD21 | Num | 8 |  |  | Hypertension Meds (Self reported) |
| *84* | HYPTMDCODE21 | Num | 8 |  |  | HYPERTENSION LOWERING MEDICATION WITHIN PAST 2 WEEKS (V2) |
| *1* | ID | Char | 7 | $7. | $7. | ARIC SUBJECT ID (CIR) |
| *64* | INTPLQ21 | Num | 8 |  |  | Plaque in either internal carotid |
| *74* | INTPS21 | Num | 8 |  |  | Plaque/shadowing in either internal |
| *61* | INTSHD21 | Num | 8 |  |  | Shadowing in either internal carotid |
| *68* | LBIFPS21 | Num | 8 |  |  | Plaque/shadowing in left bifurcation |
| *66* | LCOMPS21 | Num | 8 |  |  | Plaque/shadowing in the left common |
| *38* | LDL22 | Num | 8 |  |  | V2 re-calculated LDL-C in mg/dL |
| *47* | LDLSIU22 | Num | 8 |  |  | V2 LDL cholesterol in mmol/L |
| *71* | LINTPS21 | Num | 8 |  |  | Plaque/shadowing in the left internal |
| *75* | LPLQSD21 | Num | 8 |  |  | Plaque/shadowing in any left site |
| *5* | LVHSCR21 | Num | 8 |  |  | Cornell voltage in uV (S in V3+R in aVL) |
| *17* | MACHMI22 | Num | 8 |  |  | Prev myocard infarc. from machine coded |
| *8* | MDDXMI21 | Num | 3 |  |  | V2 MD Diagnosed Myocardial Infarction |
| *57* | MENOPS21 | Num | 8 |  |  | Menopause status variable for visit 2 |
| *36* | MNSSCP21 | Num | 8 |  |  | V2 mean subscapular in mm |
| *35* | MNTRCP21 | Num | 8 |  |  | V2 mean triceps in mm |
| *6* | NLVHSC21 | Num | 8 |  |  | Cornell voltage in mm |
| *78* | PLAQUE21 | Num | 8 |  |  | Plaque (with or without shadowing) |
| *79* | PLAQUE23 | Num | 8 |  |  | Plaque(with and w/o shadowing)-alt. def. |
| *77* | PLQSHD21 | Num | 8 |  |  | Plaque/shadowing in any site |
| *10* | PRVCHD21 | Num | 3 |  |  | V2 Prevalent Coronary Heart Disease |
| *11* | PRVCHD22 | Num | 3 |  |  | V2 Prevalent CHD - unverified |
| *82* | PRVCHD23 | Num | 8 |  |  | Prevalent CHD at V2, definition 3 |
| *83* | PRVSTR21 | Num | 8 |  |  | Prevalent Stroke at V2 |
| *12* | QWAVE24A | Num | 8 |  |  | DIAGNOSTIC Q-WAVE PRESENT |
| *13* | QWAVE27A | Num | 8 |  |  | Major Q-wave present w/o 711 or 74 |
| *14* | QWAVE28B | Num | 8 |  |  | Minor Q-wave w S or ST & no 711/74 |
| *30* | QWAVEM27 | Num | 8 |  |  | Same as QWAVE27A but uses Machine code |
| *16* | QWVEM28B | Num | 8 |  |  | Same as QWAVE28B but uses Machine code |
| *28* | RACEGRP | Char | 1 |  |  | RACE (from FTRA23) |
| *69* | RBIFPS21 | Num | 8 |  |  | Plaque/shadowing in right bifurcation |
| *67* | RCOMPS21 | Num | 8 |  |  | Plaque/shadowing in the right common |
| *70* | RINTPS21 | Num | 8 |  |  | Plaque/shadowing in the right internal |
| *76* | RPLQSD21 | Num | 8 |  |  | Plaque/shadowing in any right site |
| *3* | STATINCODE21 | Num | 8 |  |  | Used Statin (at Visit 2) last 2weeks (0=No, 1=Yes) based on 2004 Med Code |
| *86* | STROKERISK10YR\_21 | Num | 8 |  |  | %Risk of Inc Stroke w/in 10yrs (V2) |
| *41* | TCHSIU21 | Num | 8 |  |  | V2 total cholesterol in mmol/L |
| *25* | TGLEFH21 | Num | 8 |  |  | Triglycerides under 400 |
| *48* | TRGSIU21 | Num | 8 |  |  | V2 Total triglycerides in mmol/L |
| *18* | V2AGE22 | Num | 8 |  |  | Age at Visit 2 |
| *55* | V2CENTER | Char | 1 |  |  | Visit 2 center |
| *32* | V2DATE21 | Num | 8 | DDMMYY7. |  | Visit 2 Date |
| *37* | WSTHPR21 | Num | 8 |  |  | V2 waist-hip ratio |

| *Moments* | | | |
| --- | --- | --- | --- |
| *N* | 1753 | *Sum Weights* | 1753 |
| *Mean* | 4992.26184 | *Sum Observations* | 8751435 |
| *Std Deviation* | 3294.95508 | *Variance* | 10856729 |
| *Skewness* | 0.15993768 | *Kurtosis* | -1.4472811 |
| *Uncorrected SS* | 6.27104E10 | *Corrected SS* | 1.9021E10 |
| *Coeff Variation* | 66.0012473 | *Std Error Mean* | 78.6970659 |

| *Basic Statistical Measures* | | | |
| --- | --- | --- | --- |
| *Location* | | *Variability* | |
| *Mean* | 4992.262 | *Std Deviation* | 3295 |
| *Median* | 4863.000 | *Variance* | 10856729 |
| *Mode* | 1590.000 | *Range* | 10931 |
|  |  | *Interquartile Range* | 6137 |

| *Tests for Location: Mu0=0* | | | | |
| --- | --- | --- | --- | --- |
| *Test* | *Statistic* | | *p Value* | |
| *Student's t* | *t* | 63.43644 | *Pr > |t|* | <.0001 |
| *Sign* | *M* | 876.5 | *Pr >= |M|* | <.0001 |
| *Signed Rank* | *S* | 768690.5 | *Pr >= |S|* | <.0001 |

| *Quantiles (Definition 5)* | |
| --- | --- |
| *Level* | *Quantile* |
| *100% Max* | 10945 |
| *99%* | 10764 |
| *95%* | 10190 |
| *90%* | 9587 |
| *75% Q3* | 7856 |
| *50% Median* | 4863 |
| *25% Q1* | 1719 |
| *10%* | 1270 |
| *5%* | 664 |
| *1%* | 168 |
| *0% Min* | 14 |

| *Extreme Observations* | | | |
| --- | --- | --- | --- |
| *Lowest* | | *Highest* | |
| *Value* | *Obs* | *Value* | *Obs* |
| 14 | 13951 | 10866 | 4084 |
| 29 | 6001 | 10887 | 53 |
| 33 | 11014 | 10911 | 1949 |
| 35 | 13321 | 10941 | 9644 |
| 48 | 4746 | 10945 | 9638 |

| *Missing Values* | | | |
| --- | --- | --- | --- |
| *Missing Value* | *Count* | *Percent Of* | |
| *All Obs* | *Missing Obs* |
| . | 13936 | 88.83 | 100.00 |

| *Table of ssri by race* | | | |
| --- | --- | --- | --- |
| *ssri* | *race* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 791 39.02 73.04 50.06 | 292 14.41 26.96 65.32 | 1083 53.43 |
| *1* | 789 38.92 83.58 49.94 | 155 7.65 16.42 34.68 | 944 46.57 |
| *Total* | 1580 77.95 | 447 22.05 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by race*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 32.6129 | <.0001 |
| *Likelihood Ratio Chi-Square* | 1 | 33.1354 | <.0001 |
| *Continuity Adj. Chi-Square* | 1 | 32.0024 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 32.5968 | <.0001 |
| *Phi Coefficient* |  | -0.1268 |  |
| *Contingency Coefficient* |  | 0.1258 |  |
| *Cramer's V* |  | -0.1268 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 791 |
| *Left-sided Pr <= F* | <.0001 |
| *Right-sided Pr >= F* | 1.0000 |
|  |  |
| *Table Probability (P)* | <.0001 |
| *Two-sided Pr <= P* | <.0001 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by CENTER* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *ssri* | *CENTER(ARIC FIELD CENTER (CIR))* | | | | |
| *Frequency Percent Row Pct Col Pct* | *F* | *J* | *M* | *W* | *Total* |
| *0* | 307 15.15 28.35 54.05 | 263 12.97 24.28 64.46 | 263 12.97 24.28 48.61 | 250 12.33 23.08 49.02 | 1083 53.43 |
| *1* | 261 12.88 27.65 45.95 | 145 7.15 15.36 35.54 | 278 13.71 29.45 51.39 | 260 12.83 27.54 50.98 | 944 46.57 |
| *Total* | 568 28.02 | 408 20.13 | 541 26.69 | 510 25.16 | 2027 100.00 |
| *Frequency Missing = 13662* | | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by CENTER*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 3 | 29.0697 | <.0001 |
| *Likelihood Ratio Chi-Square* | 3 | 29.4221 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 8.3841 | 0.0038 |
| *Phi Coefficient* |  | 0.1198 |  |
| *Contingency Coefficient* |  | 0.1189 |  |
| *Cramer's V* |  | 0.1198 |  |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by CIGT01* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *ssri* | *CIGT01(CIGARETTE SMOKING STATUS)* | | | | |
| *Frequency Percent Row Pct Col Pct* | *1* | *2* | *3* | *4* | *Total* |
| *0* | 290 14.32 26.80 55.03 | 332 16.40 30.68 53.46 | 460 22.72 42.51 52.45 | 0 0.00 0.00 . | 1082 53.43 |
| *1* | 237 11.70 25.13 44.97 | 289 14.27 30.65 46.54 | 417 20.59 44.22 47.55 | 0 0.00 0.00 . | 943 46.57 |
| *Total* | 527 26.02 | 621 30.67 | 877 43.31 | 0 0.00 | 2025 100.00 |
| *Frequency Missing = 13664* | | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by CIGT01*** |

|  |
| --- |
| ***(Rows and Columns with Zero Totals Excluded)*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 2 | 0.8789 | 0.6444 |
| *Likelihood Ratio Chi-Square* | 2 | 0.8795 | 0.6442 |
| *Mantel-Haenszel Chi-Square* | 1 | 0.8653 | 0.3522 |
| *Phi Coefficient* |  | 0.0208 |  |
| *Contingency Coefficient* |  | 0.0208 |  |
| *Cramer's V* |  | 0.0208 |  |

|  |
| --- |
| ***Effective Sample Size = 2025 Frequency Missing = 13664*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by DRNKR01* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *ssri* | *DRNKR01(DRINKER STATUS)* | | | | |
| *Frequency Percent Row Pct Col Pct* | *1* | *2* | *3* | *4* | *Total* |
| *0* | 534 26.45 49.54 49.22 | 254 12.58 23.56 58.66 | 290 14.36 26.90 57.88 | 0 0.00 0.00 . | 1078 53.39 |
| *1* | 551 27.29 58.55 50.78 | 179 8.87 19.02 41.34 | 211 10.45 22.42 42.12 | 0 0.00 0.00 . | 941 46.61 |
| *Total* | 1085 53.74 | 433 21.45 | 501 24.81 | 0 0.00 | 2019 100.00 |
| *Frequency Missing = 13670* | | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by DRNKR01*** |

|  |
| --- |
| ***(Rows and Columns with Zero Totals Excluded)*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 2 | 16.4940 | 0.0003 |
| *Likelihood Ratio Chi-Square* | 2 | 16.5288 | 0.0003 |
| *Mantel-Haenszel Chi-Square* | 1 | 13.0344 | 0.0003 |
| *Phi Coefficient* |  | 0.0904 |  |
| *Contingency Coefficient* |  | 0.0900 |  |
| *Cramer's V* |  | 0.0904 |  |

|  |
| --- |
| ***Effective Sample Size = 2019 Frequency Missing = 13670*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by HYPTMDCODE01* | | | |
| --- | --- | --- | --- |
| *ssri* | *HYPTMDCODE01(HYPERTENSION LOWERING MEDICATION WITHIN PAST 2 WEEKS (V1))* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 620 30.59 57.25 48.21 | 463 22.84 42.75 62.48 | 1083 53.43 |
| *1* | 666 32.86 70.55 51.79 | 278 13.71 29.45 37.52 | 944 46.57 |
| *Total* | 1286 63.44 | 741 36.56 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by HYPTMDCODE01*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 38.4821 | <.0001 |
| *Likelihood Ratio Chi-Square* | 1 | 38.7862 | <.0001 |
| *Continuity Adj. Chi-Square* | 1 | 37.9107 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 38.4632 | <.0001 |
| *Phi Coefficient* |  | -0.1378 |  |
| *Contingency Coefficient* |  | 0.1365 |  |
| *Cramer's V* |  | -0.1378 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 620 |
| *Left-sided Pr <= F* | <.0001 |
| *Right-sided Pr >= F* | 1.0000 |
|  |  |
| *Table Probability (P)* | <.0001 |
| *Two-sided Pr <= P* | <.0001 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by ELEVEL01* | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *ssri* | *ELEVEL01(EDUCATION LEVEL, DEFINITION 1)* | | | | | | |
| *Frequency Percent Row Pct Col Pct* | *1* | *2* | *3* | *4* | *5* | *6* | *Total* |
| *0* | 107 5.29 9.91 65.24 | 168 8.31 15.56 59.15 | 371 18.36 34.35 53.61 | 79 3.91 7.31 48.17 | 269 13.31 24.91 50.47 | 86 4.26 7.96 46.74 | 1080 53.44 |
| *1* | 57 2.82 6.06 34.76 | 116 5.74 12.33 40.85 | 321 15.88 34.11 46.39 | 85 4.21 9.03 51.83 | 264 13.06 28.06 49.53 | 98 4.85 10.41 53.26 | 941 46.56 |
| *Total* | 164 8.11 | 284 14.05 | 692 34.24 | 164 8.11 | 533 26.37 | 184 9.10 | 2021 100.00 |
| *Frequency Missing = 13668* | | | | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by ELEVEL01*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 5 | 19.9611 | 0.0013 |
| *Likelihood Ratio Chi-Square* | 5 | 20.1622 | 0.0012 |
| *Mantel-Haenszel Chi-Square* | 1 | 16.6661 | <.0001 |
| *Phi Coefficient* |  | 0.0994 |  |
| *Contingency Coefficient* |  | 0.0989 |  |
| *Cramer's V* |  | 0.0994 |  |

|  |
| --- |
| ***Effective Sample Size = 2021 Frequency Missing = 13668*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by GENDER* | | | |
| --- | --- | --- | --- |
| *ssri* | *GENDER(SEX (from FTRA22))* | | |
| *Frequency Percent Row Pct Col Pct* | *F* | *M* | *Total* |
| *0* | 767 37.84 70.82 53.34 | 316 15.59 29.18 53.65 | 1083 53.43 |
| *1* | 671 33.10 71.08 46.66 | 273 13.47 28.92 46.35 | 944 46.57 |
| *Total* | 1438 70.94 | 589 29.06 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by GENDER*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 0.0164 | 0.8982 |
| *Likelihood Ratio Chi-Square* | 1 | 0.0164 | 0.8982 |
| *Continuity Adj. Chi-Square* | 1 | 0.0062 | 0.9371 |
| *Mantel-Haenszel Chi-Square* | 1 | 0.0164 | 0.8982 |
| *Phi Coefficient* |  | -0.0028 |  |
| *Contingency Coefficient* |  | 0.0028 |  |
| *Cramer's V* |  | -0.0028 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 767 |
| *Left-sided Pr <= F* | 0.4687 |
| *Right-sided Pr >= F* | 0.5701 |
|  |  |
| *Table Probability (P)* | 0.0388 |
| *Two-sided Pr <= P* | 0.9219 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by race* | | | |
| --- | --- | --- | --- |
| *ssri* | *race* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 791 39.02 73.04 50.06 | 292 14.41 26.96 65.32 | 1083 53.43 |
| *1* | 789 38.92 83.58 49.94 | 155 7.65 16.42 34.68 | 944 46.57 |
| *Total* | 1580 77.95 | 447 22.05 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by race*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 32.6129 | <.0001 |
| *Likelihood Ratio Chi-Square* | 1 | 33.1354 | <.0001 |
| *Continuity Adj. Chi-Square* | 1 | 32.0024 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 32.5968 | <.0001 |
| *Phi Coefficient* |  | -0.1268 |  |
| *Contingency Coefficient* |  | 0.1258 |  |
| *Cramer's V* |  | -0.1268 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 791 |
| *Left-sided Pr <= F* | <.0001 |
| *Right-sided Pr >= F* | 1.0000 |
|  |  |
| *Table Probability (P)* | <.0001 |
| *Two-sided Pr <= P* | <.0001 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by CTG* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *ssri* | *CTG* | | | | |
| *Frequency Percent Row Pct Col Pct* | *1* | *2* | *3* | *4* | *Total* |
| *0* | 229 11.30 21.14 64.33 | 401 19.78 37.03 49.81 | 438 21.61 40.44 54.82 | 15 0.74 1.39 22.39 | 1083 53.43 |
| *1* | 127 6.27 13.45 35.67 | 404 19.93 42.80 50.19 | 361 17.81 38.24 45.18 | 52 2.57 5.51 77.61 | 944 46.57 |
| *Total* | 356 17.56 | 805 39.71 | 799 39.42 | 67 3.31 | 2027 100.00 |
| *Frequency Missing = 13662* | | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by CTG*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 3 | 47.7821 | <.0001 |
| *Likelihood Ratio Chi-Square* | 3 | 49.1660 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 15.3184 | <.0001 |
| *Phi Coefficient* |  | 0.1535 |  |
| *Contingency Coefficient* |  | 0.1518 |  |
| *Cramer's V* |  | 0.1535 |  |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by DRNK* | | | | |
| --- | --- | --- | --- | --- |
| *ssri* | *DRNK* | | | |
| *Frequency Percent Row Pct Col Pct* | *1* | *2* | *3* | *Total* |
| *0* | 466 23.01 43.11 50.76 | 340 16.79 31.45 54.05 | 275 13.58 25.44 57.53 | 1081 53.38 |
| *1* | 452 22.32 47.88 49.24 | 289 14.27 30.61 45.95 | 203 10.02 21.50 42.47 | 944 46.62 |
| *Total* | 918 45.33 | 629 31.06 | 478 23.60 | 2025 100.00 |
| *Frequency Missing = 13664* | | | | |

|  |
| --- |
| ***Statistics for Table of ssri by DRNK*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 2 | 5.9524 | 0.0510 |
| *Likelihood Ratio Chi-Square* | 2 | 5.9640 | 0.0507 |
| *Mantel-Haenszel Chi-Square* | 1 | 5.9480 | 0.0147 |
| *Phi Coefficient* |  | 0.0542 |  |
| *Contingency Coefficient* |  | 0.0541 |  |
| *Cramer's V* |  | 0.0542 |  |

|  |
| --- |
| ***Effective Sample Size = 2025 Frequency Missing = 13664*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by HTN* | | | |
| --- | --- | --- | --- |
| *ssri* | *HTN* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 462 22.79 42.66 56.69 | 621 30.64 57.34 51.24 | 1083 53.43 |
| *1* | 353 17.41 37.39 43.31 | 591 29.16 62.61 48.76 | 944 46.57 |
| *Total* | 815 40.21 | 1212 59.79 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by HTN*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 5.8160 | 0.0159 |
| *Likelihood Ratio Chi-Square* | 1 | 5.8250 | 0.0158 |
| *Continuity Adj. Chi-Square* | 1 | 5.5991 | 0.0180 |
| *Mantel-Haenszel Chi-Square* | 1 | 5.8131 | 0.0159 |
| *Phi Coefficient* |  | 0.0536 |  |
| *Contingency Coefficient* |  | 0.0535 |  |
| *Cramer's V* |  | 0.0536 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 462 |
| *Left-sided Pr <= F* | 0.9930 |
| *Right-sided Pr >= F* | 0.0089 |
|  |  |
| *Table Probability (P)* | 0.0020 |
| *Two-sided Pr <= P* | 0.0162 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by DM1* | | | |
| --- | --- | --- | --- |
| *ssri* | *DM1* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 815 41.24 76.03 53.20 | 257 13.01 23.97 57.88 | 1072 54.25 |
| *1* | 717 36.29 79.31 46.80 | 187 9.46 20.69 42.12 | 904 45.75 |
| *Total* | 1532 77.53 | 444 22.47 | 1976 100.00 |
| *Frequency Missing = 13713* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by DM1*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 3.0436 | 0.0811 |
| *Likelihood Ratio Chi-Square* | 1 | 3.0548 | 0.0805 |
| *Continuity Adj. Chi-Square* | 1 | 2.8577 | 0.0909 |
| *Mantel-Haenszel Chi-Square* | 1 | 3.0420 | 0.0811 |
| *Phi Coefficient* |  | -0.0392 |  |
| *Contingency Coefficient* |  | 0.0392 |  |
| *Cramer's V* |  | -0.0392 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 815 |
| *Left-sided Pr <= F* | 0.0453 |
| *Right-sided Pr >= F* | 0.9642 |
|  |  |
| *Table Probability (P)* | 0.0094 |
| *Two-sided Pr <= P* | 0.0836 |

|  |
| --- |
| ***Effective Sample Size = 1976 Frequency Missing = 13713*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by PrevMI* | | | |
| --- | --- | --- | --- |
| *ssri* | *PrevMI* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 1068 52.69 98.61 53.67 | 15 0.74 1.39 40.54 | 1083 53.43 |
| *1* | 922 45.49 97.67 46.33 | 22 1.09 2.33 59.46 | 944 46.57 |
| *Total* | 1990 98.17 | 37 1.83 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by PrevMI*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 2.5159 | 0.1127 |
| *Likelihood Ratio Chi-Square* | 1 | 2.5142 | 0.1128 |
| *Continuity Adj. Chi-Square* | 1 | 2.0160 | 0.1557 |
| *Mantel-Haenszel Chi-Square* | 1 | 2.5147 | 0.1128 |
| *Phi Coefficient* |  | 0.0352 |  |
| *Contingency Coefficient* |  | 0.0352 |  |
| *Cramer's V* |  | 0.0352 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 1068 |
| *Left-sided Pr <= F* | 0.9602 |
| *Right-sided Pr >= F* | 0.0779 |
|  |  |
| *Table Probability (P)* | 0.0381 |
| *Two-sided Pr <= P* | 0.1345 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by PREVAF* | | | |
| --- | --- | --- | --- |
| *ssri* | *PREVAF* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 1060 52.29 97.88 54.47 | 23 1.13 2.12 28.40 | 1083 53.43 |
| *1* | 886 43.71 93.86 45.53 | 58 2.86 6.14 71.60 | 944 46.57 |
| *Total* | 1946 96.00 | 81 4.00 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by PREVAF*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 21.2496 | <.0001 |
| *Likelihood Ratio Chi-Square* | 1 | 21.6728 | <.0001 |
| *Continuity Adj. Chi-Square* | 1 | 20.2146 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 21.2391 | <.0001 |
| *Phi Coefficient* |  | 0.1024 |  |
| *Contingency Coefficient* |  | 0.1019 |  |
| *Cramer's V* |  | 0.1024 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 1060 |
| *Left-sided Pr <= F* | 1.0000 |
| *Right-sided Pr >= F* | <.0001 |
|  |  |
| *Table Probability (P)* | <.0001 |
| *Two-sided Pr <= P* | <.0001 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by PREVHF* | | | |
| --- | --- | --- | --- |
| *ssri* | *PREVHF* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 1051 51.85 97.05 53.35 | 32 1.58 2.95 56.14 | 1083 53.43 |
| *1* | 919 45.34 97.35 46.65 | 25 1.23 2.65 43.86 | 944 46.57 |
| *Total* | 1970 97.19 | 57 2.81 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by PREVHF*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 0.1733 | 0.6772 |
| *Likelihood Ratio Chi-Square* | 1 | 0.1738 | 0.6767 |
| *Continuity Adj. Chi-Square* | 1 | 0.0793 | 0.7782 |
| *Mantel-Haenszel Chi-Square* | 1 | 0.1732 | 0.6773 |
| *Phi Coefficient* |  | -0.0092 |  |
| *Contingency Coefficient* |  | 0.0092 |  |
| *Cramer's V* |  | -0.0092 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 1051 |
| *Left-sided Pr <= F* | 0.3903 |
| *Right-sided Pr >= F* | 0.7083 |
|  |  |
| *Table Probability (P)* | 0.0986 |
| *Two-sided Pr <= P* | 0.6890 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *Table of ssri by yr\_cat* | | | |
| --- | --- | --- | --- |
| *ssri* | *yr\_cat* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 671 33.10 61.96 80.26 | 412 20.33 38.04 34.59 | 1083 53.43 |
| *1* | 165 8.14 17.48 19.74 | 779 38.43 82.52 65.41 | 944 46.57 |
| *Total* | 836 41.24 | 1191 58.76 | 2027 100.00 |
| *Frequency Missing = 13662* | | | |

|  |
| --- |
| ***Statistics for Table of ssri by yr\_cat*** |

| *Statistic* | *DF* | *Value* | *Prob* |
| --- | --- | --- | --- |
| *Chi-Square* | 1 | 411.7566 | <.0001 |
| *Likelihood Ratio Chi-Square* | 1 | 433.8163 | <.0001 |
| *Continuity Adj. Chi-Square* | 1 | 409.9232 | <.0001 |
| *Mantel-Haenszel Chi-Square* | 1 | 411.5535 | <.0001 |
| *Phi Coefficient* |  | 0.4507 |  |
| *Contingency Coefficient* |  | 0.4109 |  |
| *Cramer's V* |  | 0.4507 |  |

| *Fisher's Exact Test* | |
| --- | --- |
| *Cell (1,1) Frequency (F)* | 671 |
| *Left-sided Pr <= F* | 1.0000 |
| *Right-sided Pr >= F* | <.0001 |
|  |  |
| *Table Probability (P)* | <.0001 |
| *Two-sided Pr <= P* | <.0001 |

|  |
| --- |
| ***Effective Sample Size = 2027 Frequency Missing = 13662*** |

|  |
| --- |
| ***WARNING: 87% of the data are missing.*** |

| *ssri* | *N Obs* | *Variable* | *Minimum* | *Maximum* | *Mean* | *Median* | *Std Dev* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1083 | BMI age SBP DBP | 14.3650965 44.0000000 73.0000000 34.0000000 | 56.9957386 89.0000000 200.0000000 110.0000000 | 28.6216990 59.7580794 123.0672269 72.8431373 | 27.7121630 59.0000000 121.0000000 72.0000000 | 6.0575716 8.6839462 18.6076348 10.9364198 |
| 1 | 944 | BMI age SBP DBP | 16.6406250 45.0000000 71.0000000 43.0000000 | 53.0843717 90.0000000 199.0000000 113.0000000 | 29.2412989 66.9629237 123.9463895 70.7614880 | 28.3440363 69.0000000 122.0000000 70.0000000 | 6.2604588 10.4706681 18.5527392 9.9233649 |

| *Model Information* | |
| --- | --- |
| *Data Set* | WORK.MRG\_F |
| *Method* | MCMC |
| *Multiple Imputation Chain* | Single Chain |
| *Initial Estimates for MCMC* | EM Posterior Mode |
| *Start* | Starting Value |
| *Prior* | Jeffreys |
| *Number of Imputations* | 25 |
| *Number of Burn-in Iterations* | 200 |
| *Number of Iterations* | 100 |
| *Seed for random number generator* | 632284000 |

| *Missing Data Patterns* | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Group* | *ELEVEL01* | *age* | *BMI* | *CTG* | *DRNK* | *HTN* | *ssri* | *DM1* | *yr* | *Freq* | *Percent* |
|
| *1* | X | X | X | X | X | X | X | X | X | 1968 | 12.54 |
| *2* | X | X | X | X | X | X | X | . | X | 51 | 0.33 |
| *3* | X | X | X | X | . | X | X | X | X | 2 | 0.01 |
| *4* | X | . | . | . | . | . | . | X | . | 13642 | 86.95 |
| *5* | . | X | X | X | X | X | X | X | X | 6 | 0.04 |
| *6* | . | . | . | . | . | . | . | X | . | 20 | 0.13 |

| *Missing Data Patterns* | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Group* | *Group Means* | | | | | | | | |
| *ELEVEL01* | *age* | *BMI* | *CTG* | *DRNK* | *HTN* | *ssri* | *DM1* | *yr* |
| *1* | 3.585366 | 62.710874 | 28.862214 | 2.272866 | 1.778455 | 0.592480 | 0.457825 | 0.225102 | 1997.639228 |
| *2* | 3.392157 | 78.745098 | 30.794280 | 2.784314 | 1.941176 | 0.823529 | 0.784314 | . | 2012.156863 |
| *3* | 2.000000 | 63.000000 | 26.407870 | 1.500000 | . | 0.500000 | 0 | 0 | 1987.000000 |
| *4* | 3.552925 | . | . | . | . | . | . | 0 | . |
| *5* | . | 62.333333 | 29.487394 | 2.166667 | 1.833333 | 0.500000 | 0.500000 | 0.166667 | 1996.833333 |
| *6* | . | . | . | . | . | . | . | 0 | . |

| *EM (Posterior Mode) Estimates* | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *\_TYPE\_* | *\_NAME\_* | *ELEVEL01* | *age* | *BMI* | *CTG* | *DRNK* | *HTN* | *ssri* | *DM1* |
| MEAN |  | 3.556258 | 62.556908 | 28.183946 | 2.255217 | 1.751001 | 0.543450 | 0.472603 | 0.028472 |
| COV | ELEVEL01 | 2.216009 | -0.372375 | -0.734971 | 0.038911 | -0.329605 | -0.082105 | 0.066199 | -0.010759 |
| COV | age | -0.372375 | 102.428314 | -1.051944 | 1.581469 | -0.073764 | 1.336477 | 1.807678 | 0.082115 |
| COV | BMI | -0.734971 | -1.051944 | 35.489799 | 0.649461 | 0.602617 | 0.615710 | 0.183373 | 0.108727 |
| COV | CTG | 0.038911 | 1.581469 | 0.649461 | 0.615434 | 0.123581 | 0.021664 | 0.035246 | 0.003975 |
| COV | DRNK | -0.329605 | -0.073764 | 0.602617 | 0.123581 | 0.633339 | 0.033570 | -0.020354 | 0.006648 |
| COV | HTN | -0.082105 | 1.336477 | 0.615710 | 0.021664 | 0.033570 | 0.226078 | 0.015282 | 0.008325 |
| COV | ssri | 0.066199 | 1.807678 | 0.183373 | 0.035246 | -0.020354 | 0.015282 | 0.247440 | -0.001404 |
| COV | DM1 | -0.010759 | 0.082115 | 0.108727 | 0.003975 | 0.006648 | 0.008325 | -0.001404 | 0.027570 |
| COV | yr | 0.986876 | 77.324246 | 2.179585 | 1.482565 | -0.647837 | 1.148831 | 2.163275 | 0.073128 |

| *EM (Posterior Mode) Estimates* |
| --- |
| *yr* |
| 1997.438041 |
| 0.986876 |
| 77.324246 |
| 2.179585 |
| 1.482565 |
| -0.647837 |
| 1.148831 |
| 2.163275 |
| 0.073128 |
| 85.607667 |

| *Variance Information (25 Imputations)* | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Variable* | *Variance* | | | *DF* | *Relative Increase in Variance* | *Fraction Missing Information* | *Relative Efficiency* |
| *Between* | *Within* | *Total* |
| *ELEVEL01* | 0.000000197 | 0.000141 | 0.000142 | 15642 | 0.001449 | 0.001447 | 0.999942 |
| *age* | 0.038704 | 0.006619 | 0.046871 | 32.07 | 6.081706 | 0.866737 | 0.966492 |
| *BMI* | 0.008006 | 0.002292 | 0.010618 | 38.587 | 3.632706 | 0.794415 | 0.969202 |
| *CTG* | 0.000390 | 0.000039378 | 0.000445 | 28.292 | 10.310904 | 0.917136 | 0.964613 |
| *DRNK* | 0.000221 | 0.000040525 | 0.000271 | 32.733 | 5.679553 | 0.858562 | 0.966798 |
| *HTN* | 0.000123 | 0.000014643 | 0.000143 | 29.259 | 8.747137 | 0.903661 | 0.965115 |
| *ssri* | 0.000108 | 0.000016031 | 0.000128 | 30.874 | 6.982137 | 0.882011 | 0.965922 |
| *DM1* | 4.7490034E-9 | 0.000001758 | 0.000001763 | 15562 | 0.002809 | 0.002802 | 0.999888 |
| *yr* | 0.024558 | 0.005527 | 0.031067 | 35.064 | 4.621368 | 0.831346 | 0.967816 |

| *Parameter Estimates (25 Imputations)* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Variable* | *Mean* | *Std Error* | *95% Confidence Limits* | | *DF* | *Minimum* | *Maximum* | *Mu0* | *t for H0: Mean=Mu0* | *Pr > |t|* |
| *ELEVEL01* | 3.556402 | 0.011897 | 3.533 | 3.580 | 15642 | 3.555223 | 3.557047 | 0 | 298.92 | <.0001 |
| *age* | 62.569526 | 0.216498 | 62.129 | 63.010 | 32.07 | 62.171266 | 62.973095 | 0 | 289.01 | <.0001 |
| *BMI* | 28.192578 | 0.103043 | 27.984 | 28.401 | 38.587 | 27.983309 | 28.316368 | 0 | 273.60 | <.0001 |
| *CTG* | 2.255044 | 0.021105 | 2.212 | 2.298 | 28.292 | 2.214419 | 2.297066 | 0 | 106.85 | <.0001 |
| *DRNK* | 1.755197 | 0.016453 | 1.722 | 1.789 | 32.733 | 1.723229 | 1.776445 | 0 | 106.68 | <.0001 |
| *HTN* | 0.542130 | 0.011947 | 0.518 | 0.567 | 29.259 | 0.523783 | 0.567297 | 0 | 45.38 | <.0001 |
| *ssri* | 0.473183 | 0.011312 | 0.450 | 0.496 | 30.874 | 0.450631 | 0.490056 | 0 | 41.83 | <.0001 |
| *DM1* | 0.028440 | 0.001328 | 0.026 | 0.031 | 15562 | 0.028340 | 0.028608 | 0 | 21.42 | <.0001 |
| *yr* | 1997.428063 | 0.176258 | 1997.070 | 1997.786 | 35.064 | 1997.161385 | 1997.761781 | 0 | 11332.4 | <.0001 |

| *Moments* | | | |
| --- | --- | --- | --- |
| *N* | 1940 | *Sum Weights* | 1940 |
| *Mean* | 5017.28247 | *Sum Observations* | 9733528 |
| *Std Deviation* | 3260.96429 | *Variance* | 10633888.1 |
| *Skewness* | 0.14947677 | *Kurtosis* | -1.4185921 |
| *Uncorrected SS* | 6.9455E10 | *Corrected SS* | 2.06191E10 |
| *Coeff Variation* | 64.9946323 | *Std Error Mean* | 74.0363805 |

| *Basic Statistical Measures* | | | |
| --- | --- | --- | --- |
| *Location* | | *Variability* | |
| *Mean* | 5017.282 | *Std Deviation* | 3261 |
| *Median* | 4912.000 | *Variance* | 10633888 |
| *Mode* | 1590.000 | *Range* | 10958 |
|  |  | *Interquartile Range* | 6133 |

| *Tests for Location: Mu0=0* | | | | |
| --- | --- | --- | --- | --- |
| *Test* | *Statistic* | | *p Value* | |
| *Student's t* | *t* | 67.7678 | *Pr > |t|* | <.0001 |
| *Sign* | *M* | 970 | *Pr >= |M|* | <.0001 |
| *Signed Rank* | *S* | 941385 | *Pr >= |S|* | <.0001 |

| *Quantiles (Definition 5)* | |
| --- | --- |
| *Level* | *Quantile* |
| *100% Max* | 10972.0 |
| *99%* | 10743.0 |
| *95%* | 10191.5 |
| *90%* | 9514.0 |
| *75% Q3* | 7866.5 |
| *50% Median* | 4912.0 |
| *25% Q1* | 1733.5 |
| *10%* | 1270.5 |
| *5%* | 702.0 |
| *1%* | 151.0 |
| *0% Min* | 14.0 |

| *Extreme Observations* | | | |
| --- | --- | --- | --- |
| *Lowest* | | *Highest* | |
| *Value* | *Obs* | *Value* | *Obs* |
| 14 | 7551 | 10911 | 7874 |
| 26 | 12596 | 10941 | 11768 |
| 40 | 4183 | 10945 | 4065 |
| 42 | 11121 | 10945 | 11756 |
| 48 | 13263 | 10972 | 7924 |

| *Missing Values* | | | |
| --- | --- | --- | --- |
| *Missing Value* | *Count* | *Percent Of* | |
| *All Obs* | *Missing Obs* |
| . | 6 | 0.31 | 100.00 |

| *Table of SSRI1 by ssri* | | | |
| --- | --- | --- | --- |
| *SSRI1* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 3 7.32 7.32 100.00 | 38 92.68 92.68 100.00 | 41 100.00 |
| *Total* | 3 7.32 | 38 92.68 | 41 100.00 |
| *Frequency Missing = 15648* | | | |

| *Table of SSRI2 by ssri* | | | |
| --- | --- | --- | --- |
| *SSRI2* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 32 24.06 24.06 100.00 | 101 75.94 75.94 100.00 | 133 100.00 |
| *Total* | 32 24.06 | 101 75.94 | 133 100.00 |
| *Frequency Missing = 15556* | | | |

| *Table of SSRI3 by ssri* | | | |
| --- | --- | --- | --- |
| *SSRI3* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 61 21.18 21.18 100.00 | 227 78.82 78.82 100.00 | 288 100.00 |
| *Total* | 61 21.18 | 227 78.82 | 288 100.00 |
| *Frequency Missing = 15401* | | | |

| *Table of SSRI4 by ssri* | | | |
| --- | --- | --- | --- |
| *SSRI4* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 79 19.90 19.90 100.00 | 318 80.10 80.10 100.00 | 397 100.00 |
| *Total* | 79 19.90 | 318 80.10 | 397 100.00 |
| *Frequency Missing = 15292* | | | |

| *Table of SSRI5 by ssri* | | | |
| --- | --- | --- | --- |
| *SSRI5* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 106 16.06 16.06 100.00 | 554 83.94 83.94 100.00 | 660 100.00 |
| *Total* | 106 16.06 | 554 83.94 | 660 100.00 |
| *Frequency Missing = 15029* | | | |

| *Table of TCA1 by ssri* | | | |
| --- | --- | --- | --- |
| *TCA1* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 368 100.00 100.00 100.00 | 0 0.00 0.00 . | 368 100.00 |
| *Total* | 368 100.00 | 0 0.00 | 368 100.00 |
| *Frequency Missing = 15321* | | | |

| *Table of TCA2 by ssri* | | | |
| --- | --- | --- | --- |
| *TCA2* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 381 99.74 99.74 100.00 | 1 0.26 0.26 100.00 | 382 100.00 |
| *Total* | 381 99.74 | 1 0.26 | 382 100.00 |
| *Frequency Missing = 15307* | | | |

| *Table of TCA3 by ssri* | | | |
| --- | --- | --- | --- |
| *TCA3* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 374 98.16 98.16 100.00 | 7 1.84 1.84 100.00 | 381 100.00 |
| *Total* | 374 98.16 | 7 1.84 | 381 100.00 |
| *Frequency Missing = 15308* | | | |

| *Table of TCA4 by ssri* | | | |
| --- | --- | --- | --- |
| *TCA4* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 320 95.81 95.81 100.00 | 14 4.19 4.19 100.00 | 334 100.00 |
| *Total* | 320 95.81 | 14 4.19 | 334 100.00 |
| *Frequency Missing = 15355* | | | |

| *Table of TCA5 by ssri* | | | |
| --- | --- | --- | --- |
| *TCA5* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *1* | 168 96.55 96.55 100.00 | 6 3.45 3.45 100.00 | 174 100.00 |
| *Total* | 168 96.55 | 6 3.45 | 174 100.00 |
| *Frequency Missing = 15515* | | | |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | BRESLOW |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1849 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1849 | 327 | 1522 | 82.31 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 4430.795 | 4202.755 |
| *AIC* | 4430.795 | 4274.755 |
| *SBC* | 4430.795 | 4411.194 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 228.0400 | 36 | <.0001 |
| *Score* | 238.2052 | 36 | <.0001 |
| *Wald* | 219.9036 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 2.7230 | 0.7426 |
| *CENTER* | 3 | 4.3962 | 0.2217 |
| *GENDER* | 1 | 11.9227 | 0.0006 |
| *age* | 1 | 68.6516 | <.0001 |
| *race* | 1 | 0.0607 | 0.8054 |
| *BMI* | 1 | 20.1511 | <.0001 |
| *CTG* | 3 | 7.0489 | 0.0704 |
| *DRNK* | 2 | 1.9602 | 0.3753 |
| *HTN* | 1 | 12.4674 | 0.0004 |
| *ssri* | 1 | 0.5040 | 0.4777 |
| *DM1* | 1 | 8.0680 | 0.0045 |
| *yr* | 16 | 9.5723 | 0.8880 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *Label* |
| *ELEVEL01* | *1* | 1 | 0.09920 | 0.27338 | 0.1317 | 0.7167 | 1.104 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.10911 | 0.25086 | 0.1892 | 0.6636 | 1.115 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.24063 | 0.22171 | 1.1780 | 0.2778 | 1.272 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.00374 | 0.28400 | 0.0002 | 0.9895 | 1.004 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.04087 | 0.22843 | 0.0320 | 0.8580 | 1.042 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.21725 | 0.15621 | 1.9341 | 0.1643 | 0.805 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.67565 | 0.45993 | 2.1580 | 0.1418 | 0.509 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.26374 | 0.16098 | 2.6841 | 0.1014 | 0.768 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.44234 | 0.12811 | 11.9227 | 0.0006 | 0.643 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08653 | 0.01044 | 68.6516 | <.0001 | 1.090 |  |
| *race* |  | 1 | 0.10649 | 0.43219 | 0.0607 | 0.8054 | 1.112 |  |
| *BMI* |  | 1 | 0.04411 | 0.00983 | 20.1511 | <.0001 | 1.045 |  |
| *CTG* | *1* | 1 | 0.69862 | 0.61947 | 1.2719 | 0.2594 | 2.011 | CTG 1 |
| *CTG* | *2* | 1 | 0.47829 | 0.60558 | 0.6238 | 0.4296 | 1.613 | CTG 2 |
| *CTG* | *3* | 1 | 0.27194 | 0.60859 | 0.1997 | 0.6550 | 1.313 | CTG 3 |
| *DRNK* | *1* | 1 | 0.09639 | 0.16148 | 0.3563 | 0.5506 | 1.101 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.10289 | 0.16367 | 0.3952 | 0.5296 | 0.902 | DRNK 2 |
| *HTN* |  | 1 | 0.45313 | 0.12833 | 12.4674 | 0.0004 | 1.573 |  |
| *ssri* |  | 1 | 0.09358 | 0.13181 | 0.5040 | 0.4777 | 1.098 |  |
| *DM1* |  | 1 | 0.39480 | 0.13899 | 8.0680 | 0.0045 | 1.484 |  |
| *yr* | *1986* | 1 | -10.44651 | 314.52450 | 0.0011 | 0.9735 | 0.000 | yr 1986 |
| *yr* | *1987* | 1 | -0.19680 | 0.57322 | 0.1179 | 0.7313 | 0.821 | yr 1987 |
| *yr* | *1988* | 1 | -0.30210 | 0.55735 | 0.2938 | 0.5878 | 0.739 | yr 1988 |
| *yr* | *1989* | 1 | -0.12992 | 0.54613 | 0.0566 | 0.8120 | 0.878 | yr 1989 |
| *yr* | *1990* | 1 | 0.18152 | 0.54916 | 0.1093 | 0.7410 | 1.199 | yr 1990 |
| *yr* | *1991* | 1 | 0.18887 | 0.53915 | 0.1227 | 0.7261 | 1.208 | yr 1991 |
| *yr* | *1992* | 1 | -0.22723 | 0.55742 | 0.1662 | 0.6835 | 0.797 | yr 1992 |
| *yr* | *1993* | 1 | -0.17690 | 0.55334 | 0.1022 | 0.7492 | 0.838 | yr 1993 |
| *yr* | *1994* | 1 | -0.11282 | 0.54193 | 0.0433 | 0.8351 | 0.893 | yr 1994 |
| *yr* | *1995* | 1 | -0.04708 | 0.51970 | 0.0082 | 0.9278 | 0.954 | yr 1995 |
| *yr* | *1996* | 1 | -0.31644 | 0.53162 | 0.3543 | 0.5517 | 0.729 | yr 1996 |
| *yr* | *1997* | 1 | -0.50760 | 0.53601 | 0.8968 | 0.3436 | 0.602 | yr 1997 |
| *yr* | *1998* | 1 | -0.10738 | 0.52464 | 0.0419 | 0.8378 | 0.898 | yr 1998 |
| *yr* | *1999* | 1 | -11.59166 | 599.34918 | 0.0004 | 0.9846 | 0.000 | yr 1999 |
| *yr* | *2011* | 1 | -0.20320 | 0.51583 | 0.1552 | 0.6936 | 0.816 | yr 2011 |
| *yr* | *2012* | 1 | -0.05680 | 0.46427 | 0.0150 | 0.9026 | 0.945 | yr 2012 |

|  |  |
| --- | --- |
| *1 With Variables:* | timerank |
| *12 Variables:* | relevel01 rcenter rGender rage rrace rBMI rCTG rDRNK rHTN rssri rdm1 ryr |

| *Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *relevel01* | *rcenter* | *rGender* | *rage* | *rrace* | *rBMI* |
| *timerank* Rank for Variable stime\_AF | 0.06076 0.2733 327 | 0.13999 0.0113 327 | -0.07361 0.1842 327 | -0.03104 0.5760 327 | -0.02374 0.6689 327 | 0.03425 0.5371 327 |

| *Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *rCTG* | *rDRNK* | *rHTN* | *rssri* | *rdm1* | *ryr* |
| *timerank* Rank for Variable stime\_AF | -0.01561 0.7786 327 | 0.01221 0.8258 327 | 0.00470 0.9326 327 | -0.01984 0.7208 327 | -0.00814 0.8834 327 | 0.05285 0.3407 327 |

| *Analysis Variable : stime\_AF* |
| --- |
| *Median* |
| 5178.00 |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1891 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 529 | 89 | 440 | 83.18 |
| *2* | J | 389 | 57 | 332 | 85.35 |
| *3* | M | 504 | 87 | 417 | 82.74 |
| *4* | W | 469 | 96 | 373 | 79.53 |
| *Total* |  | 1891 | 329 | 1562 | 82.60 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 3556.716 | 3412.158 |
| *AIC* | 3556.716 | 3430.158 |
| *SBC* | 3556.716 | 3464.323 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 144.5576 | 9 | <.0001 |
| *Score* | 151.5328 | 9 | <.0001 |
| *Wald* | 143.2449 | 9 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 3.8449 | 0.5720 |
| *GENDER* | 1 | 16.0963 | <.0001 |
| *age* | 1 | 112.8849 | <.0001 |
| *race* | 1 | 0.8278 | 0.3629 |
| *ssri* | 1 | 0.7136 | 0.3983 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.18870 | 0.26620 | 0.5025 | 0.4784 | 1.208 | 0.717 | 2.035 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.23461 | 0.24552 | 0.9131 | 0.3393 | 1.264 | 0.781 | 2.046 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.23741 | 0.21858 | 1.1797 | 0.2774 | 1.268 | 0.826 | 1.946 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.01129 | 0.28255 | 0.0016 | 0.9681 | 0.989 | 0.568 | 1.720 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.00721 | 0.22729 | 0.0010 | 0.9747 | 1.007 | 0.645 | 1.573 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | -0.48199 | 0.12014 | 16.0963 | <.0001 | 0.618 | 0.488 | 0.782 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08357 | 0.00787 | 112.8849 | <.0001 | 1.087 | 1.071 | 1.104 |  |
| *race* |  | 1 | 0.38634 | 0.42462 | 0.8278 | 0.3629 | 1.472 | 0.640 | 3.382 |  |
| *ssri* |  | 1 | 0.10078 | 0.11931 | 0.7136 | 0.3983 | 1.106 | 0.875 | 1.397 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1849 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DM1* | *0* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *1* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 523 | 89 | 434 | 82.98 |
| *2* | J | 372 | 57 | 315 | 84.68 |
| *3* | M | 493 | 86 | 407 | 82.56 |
| *4* | W | 461 | 95 | 366 | 79.39 |
| *Total* |  | 1849 | 327 | 1522 | 82.31 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 3529.022 | 3291.005 |
| *AIC* | 3529.022 | 3365.005 |
| *SBC* | 3529.022 | 3505.233 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 238.0170 | 37 | <.0001 |
| *Score* | 272.5661 | 37 | <.0001 |
| *Wald* | 237.7634 | 37 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 2.6826 | 0.7488 |
| *GENDER* | 1 | 12.2887 | 0.0005 |
| *age* | 1 | 66.1592 | <.0001 |
| *race* | 1 | 0.0073 | 0.9320 |
| *BMI* | 1 | 17.3802 | <.0001 |
| *CTG* | 3 | 6.7463 | 0.0804 |
| *DRNK* | 2 | 2.7043 | 0.2587 |
| *HTN* | 1 | 9.4421 | 0.0021 |
| *ssri* | 1 | 0.7530 | 0.3855 |
| *DM1* | 1 | 8.3242 | 0.0039 |
| *yr* | 16 | 9.8543 | 0.8741 |
| *statin* | 1 | 1.6936 | 0.1931 |
| *aspirin* | 1 | 2.8791 | 0.0897 |
| *PREVHF* | 1 | 16.6627 | <.0001 |
| *PrevMI* | 1 | 0.3380 | 0.5610 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.12270 | 0.27545 | 0.1984 | 0.6560 | 1.131 | 0.659 | 1.940 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.12596 | 0.25274 | 0.2484 | 0.6182 | 1.134 | 0.691 | 1.861 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.25243 | 0.22316 | 1.2795 | 0.2580 | 1.287 | 0.831 | 1.993 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.04523 | 0.28492 | 0.0252 | 0.8739 | 1.046 | 0.599 | 1.829 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.04557 | 0.22933 | 0.0395 | 0.8425 | 1.047 | 0.668 | 1.641 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | -0.44881 | 0.12803 | 12.2887 | 0.0005 | 0.638 | 0.497 | 0.820 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08459 | 0.01040 | 66.1592 | <.0001 | 1.088 | 1.066 | 1.111 |  |
| *race* |  | 1 | -0.03733 | 0.43731 | 0.0073 | 0.9320 | 0.963 | 0.409 | 2.270 |  |
| *BMI* |  | 1 | 0.04110 | 0.00986 | 17.3802 | <.0001 | 1.042 | 1.022 | 1.062 |  |
| *CTG* | *1* | 1 | 0.54510 | 0.62473 | 0.7613 | 0.3829 | 1.725 | 0.507 | 5.868 | CTG 1 |
| *CTG* | *2* | 1 | 0.35116 | 0.61073 | 0.3306 | 0.5653 | 1.421 | 0.429 | 4.703 | CTG 2 |
| *CTG* | *3* | 1 | 0.12447 | 0.61359 | 0.0412 | 0.8392 | 1.133 | 0.340 | 3.770 | CTG 3 |
| *DRNK* | *1* | 1 | 0.11046 | 0.16240 | 0.4627 | 0.4964 | 1.117 | 0.812 | 1.535 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.12735 | 0.16510 | 0.5949 | 0.4405 | 0.880 | 0.637 | 1.217 | DRNK 2 |
| *HTN* |  | 1 | 0.40120 | 0.13057 | 9.4421 | 0.0021 | 1.494 | 1.156 | 1.929 |  |
| *ssri* |  | 1 | 0.11470 | 0.13219 | 0.7530 | 0.3855 | 1.122 | 0.866 | 1.453 |  |
| *DM1* | *0* | 1 | -0.40484 | 0.14032 | 8.3242 | 0.0039 | 0.667 | 0.507 | 0.878 | DM1 0 |
| *yr* | *1986* | 1 | -10.58409 | 339.97601 | 0.0010 | 0.9752 | 0.000 | 0.000 | 6.19E284 | yr 1986 |
| *yr* | *1987* | 1 | -0.31713 | 0.58977 | 0.2891 | 0.5908 | 0.728 | 0.229 | 2.314 | yr 1987 |
| *yr* | *1988* | 1 | -0.49037 | 0.57507 | 0.7271 | 0.3938 | 0.612 | 0.198 | 1.890 | yr 1988 |
| *yr* | *1989* | 1 | -0.27229 | 0.56430 | 0.2328 | 0.6294 | 0.762 | 0.252 | 2.302 | yr 1989 |
| *yr* | *1990* | 1 | 0.10302 | 0.56581 | 0.0332 | 0.8555 | 1.109 | 0.366 | 3.360 | yr 1990 |
| *yr* | *1991* | 1 | 0.06155 | 0.55732 | 0.0122 | 0.9121 | 1.063 | 0.357 | 3.170 | yr 1991 |
| *yr* | *1992* | 1 | -0.34250 | 0.57575 | 0.3539 | 0.5519 | 0.710 | 0.230 | 2.195 | yr 1992 |
| *yr* | *1993* | 1 | -0.33207 | 0.57068 | 0.3386 | 0.5606 | 0.717 | 0.234 | 2.196 | yr 1993 |
| *yr* | *1994* | 1 | -0.25169 | 0.55900 | 0.2027 | 0.6525 | 0.777 | 0.260 | 2.325 | yr 1994 |
| *yr* | *1995* | 1 | -0.15759 | 0.53767 | 0.0859 | 0.7694 | 0.854 | 0.298 | 2.450 | yr 1995 |
| *yr* | *1996* | 1 | -0.34158 | 0.54551 | 0.3921 | 0.5312 | 0.711 | 0.244 | 2.070 | yr 1996 |
| *yr* | *1997* | 1 | -0.56189 | 0.54899 | 1.0475 | 0.3061 | 0.570 | 0.194 | 1.672 | yr 1997 |
| *yr* | *1998* | 1 | -0.16400 | 0.53670 | 0.0934 | 0.7599 | 0.849 | 0.296 | 2.430 | yr 1998 |
| *yr* | *1999* | 1 | -12.02690 | 720.91207 | 0.0003 | 0.9867 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.08814 | 0.52253 | 0.0285 | 0.8661 | 0.916 | 0.329 | 2.550 | yr 2011 |
| *yr* | *2012* | 1 | -0.09656 | 0.47056 | 0.0421 | 0.8374 | 0.908 | 0.361 | 2.284 | yr 2012 |
| *statin* |  | 1 | -0.26907 | 0.20676 | 1.6936 | 0.1931 | 0.764 | 0.510 | 1.146 |  |
| *aspirin* |  | 1 | 0.20945 | 0.12344 | 2.8791 | 0.0897 | 1.233 | 0.968 | 1.570 |  |
| *PREVHF* |  | 1 | 1.14282 | 0.27997 | 16.6627 | <.0001 | 3.136 | 1.811 | 5.428 |  |
| *PrevMI* |  | 1 | 0.30954 | 0.53246 | 0.3380 | 0.5610 | 1.363 | 0.480 | 3.870 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 537 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *M* |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 174 | 32 | 142 | 81.61 |
| *2* | J | 84 | 9 | 75 | 89.29 |
| *3* | M | 145 | 33 | 112 | 77.24 |
| *4* | W | 134 | 37 | 97 | 72.39 |
| *Total* |  | 537 | 111 | 426 | 79.33 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 912.842 | 878.431 |
| *AIC* | 912.842 | 894.431 |
| *SBC* | 912.842 | 916.107 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 34.4104 | 8 | <.0001 |
| *Score* | 34.1214 | 8 | <.0001 |
| *Wald* | 31.6395 | 8 | 0.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 2.9281 | 0.7111 |
| *GENDER* | 0 | . | . |
| *age* | 1 | 26.3526 | <.0001 |
| *race* | 1 | 0.0005 | 0.9830 |
| *ssri* | 1 | 0.9874 | 0.3204 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.22681 | 0.43449 | 0.2725 | 0.6017 | 1.255 | 0.535 | 2.940 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.37543 | 0.41292 | 0.8267 | 0.3632 | 1.456 | 0.648 | 3.270 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.51961 | 0.33428 | 2.4162 | 0.1201 | 1.681 | 0.873 | 3.237 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.13906 | 0.45220 | 0.0946 | 0.7584 | 1.149 | 0.474 | 2.788 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.29769 | 0.33361 | 0.7963 | 0.3722 | 1.347 | 0.700 | 2.590 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.06921 | 0.01348 | 26.3526 | <.0001 | 1.072 | 1.044 | 1.100 |  |
| *race* |  | 1 | -13.18476 | 617.99105 | 0.0005 | 0.9830 | 0.000 | 0.000 | . |  |
| *ssri* |  | 1 | 0.20620 | 0.20751 | 0.9874 | 0.3204 | 1.229 | 0.818 | 1.846 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1354 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 355 | 57 | 298 | 83.94 |
| *2* | J | 305 | 48 | 257 | 84.26 |
| *3* | M | 359 | 54 | 305 | 84.96 |
| *4* | W | 335 | 59 | 276 | 82.39 |
| *Total* |  | 1354 | 218 | 1136 | 83.90 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2220.861 | 2122.281 |
| *AIC* | 2220.861 | 2138.281 |
| *SBC* | 2220.861 | 2165.357 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 98.5795 | 8 | <.0001 |
| *Score* | 103.3364 | 8 | <.0001 |
| *Wald* | 96.5195 | 8 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 3.1505 | 0.6768 |
| *GENDER* | 0 | . | . |
| *age* | 1 | 84.5843 | <.0001 |
| *race* | 1 | 2.9508 | 0.0858 |
| *ssri* | 1 | 0.1295 | 0.7190 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.20690 | 0.34652 | 0.3565 | 0.5504 | 1.230 | 0.624 | 2.426 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.17682 | 0.31849 | 0.3082 | 0.5788 | 1.193 | 0.639 | 2.228 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.15156 | 0.29719 | 0.2601 | 0.6101 | 1.164 | 0.650 | 2.083 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.03331 | 0.37162 | 0.0080 | 0.9286 | 0.967 | 0.467 | 2.004 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.12909 | 0.31466 | 0.1683 | 0.6816 | 0.879 | 0.474 | 1.628 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.09042 | 0.00983 | 84.5843 | <.0001 | 1.095 | 1.074 | 1.116 |  |
| *race* |  | 1 | 0.75384 | 0.43884 | 2.9508 | 0.0858 | 2.125 | 0.899 | 5.023 |  |
| *ssri* |  | 1 | 0.05313 | 0.14766 | 0.1295 | 0.7190 | 1.055 | 0.790 | 1.409 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 527 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *M* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DM1* | *0* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *1* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 172 | 32 | 140 | 81.40 |
| *2* | J | 79 | 9 | 70 | 88.61 |
| *3* | M | 144 | 33 | 111 | 77.08 |
| *4* | W | 132 | 36 | 96 | 72.73 |
| *Total* |  | 527 | 110 | 417 | 79.13 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 900.864 | 812.827 |
| *AIC* | 900.864 | 882.827 |
| *SBC* | 900.864 | 977.344 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 88.0367 | 35 | <.0001 |
| *Score* | 90.5197 | 35 | <.0001 |
| *Wald* | 76.6429 | 35 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.6916 | 0.4547 |
| *GENDER* | 0 | . | . |
| *age* | 1 | 8.6809 | 0.0032 |
| *race* | 1 | 0.0006 | 0.9798 |
| *BMI* | 1 | 1.8918 | 0.1690 |
| *CTG* | 3 | 3.0700 | 0.3810 |
| *DRNK* | 2 | 1.7946 | 0.4077 |
| *HTN* | 1 | 17.1791 | <.0001 |
| *ssri* | 1 | 1.4468 | 0.2290 |
| *DM1* | 1 | 0.0436 | 0.8346 |
| *yr* | 15 | 16.2400 | 0.3663 |
| *aspirin* | 1 | 4.6415 | 0.0312 |
| *statin* | 1 | 1.7876 | 0.1812 |
| *PREVHF* | 1 | 0.2145 | 0.6433 |
| *PrevMI* | 1 | 0.4430 | 0.5057 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.01090 | 0.47104 | 0.0005 | 0.9815 | 0.989 | 0.393 | 2.490 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.49817 | 0.43311 | 1.3230 | 0.2501 | 1.646 | 0.704 | 3.846 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.62192 | 0.35927 | 2.9966 | 0.0834 | 1.863 | 0.921 | 3.766 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.33448 | 0.47360 | 0.4988 | 0.4800 | 1.397 | 0.552 | 3.535 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.31135 | 0.34649 | 0.8075 | 0.3689 | 1.365 | 0.692 | 2.692 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.05956 | 0.02021 | 8.6809 | 0.0032 | 1.061 | 1.020 | 1.104 |  |
| *race* |  | 1 | -13.56651 | 537.01437 | 0.0006 | 0.9798 | 0.000 | 0.000 | . |  |
| *BMI* |  | 1 | 0.03418 | 0.02485 | 1.8918 | 0.1690 | 1.035 | 0.986 | 1.086 |  |
| *CTG* | *1* | 1 | 1.02289 | 1.11123 | 0.8473 | 0.3573 | 2.781 | 0.315 | 24.554 | CTG 1 |
| *CTG* | *2* | 1 | 0.90455 | 1.07815 | 0.7039 | 0.4015 | 2.471 | 0.299 | 20.444 | CTG 2 |
| *CTG* | *3* | 1 | 0.53877 | 1.10221 | 0.2389 | 0.6250 | 1.714 | 0.198 | 14.866 | CTG 3 |
| *DRNK* | *1* | 1 | 0.46426 | 0.37518 | 1.5312 | 0.2159 | 1.591 | 0.763 | 3.319 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.47909 | 0.37200 | 1.6586 | 0.1978 | 1.615 | 0.779 | 3.347 | DRNK 2 |
| *HTN* |  | 1 | 1.02376 | 0.24700 | 17.1791 | <.0001 | 2.784 | 1.715 | 4.517 |  |
| *ssri* |  | 1 | 0.30313 | 0.25201 | 1.4468 | 0.2290 | 1.354 | 0.826 | 2.219 |  |
| *DM1* | *0* | 1 | -0.05672 | 0.27163 | 0.0436 | 0.8346 | 0.945 | 0.555 | 1.609 | DM1 0 |
| *yr* | *1987* | 1 | -0.69154 | 1.11032 | 0.3879 | 0.5334 | 0.501 | 0.057 | 4.413 | yr 1987 |
| *yr* | *1988* | 1 | -0.94839 | 1.07998 | 0.7712 | 0.3799 | 0.387 | 0.047 | 3.217 | yr 1988 |
| *yr* | *1989* | 1 | -0.24391 | 1.06042 | 0.0529 | 0.8181 | 0.784 | 0.098 | 6.262 | yr 1989 |
| *yr* | *1990* | 1 | 0.06899 | 1.09387 | 0.0040 | 0.9497 | 1.071 | 0.126 | 9.143 | yr 1990 |
| *yr* | *1991* | 1 | -0.92756 | 1.03923 | 0.7966 | 0.3721 | 0.396 | 0.052 | 3.032 | yr 1991 |
| *yr* | *1992* | 1 | -1.27403 | 1.11536 | 1.3048 | 0.2533 | 0.280 | 0.031 | 2.489 | yr 1992 |
| *yr* | *1993* | 1 | -0.68496 | 1.08719 | 0.3969 | 0.5287 | 0.504 | 0.060 | 4.246 | yr 1993 |
| *yr* | *1994* | 1 | -0.85634 | 1.06346 | 0.6484 | 0.4207 | 0.425 | 0.053 | 3.414 | yr 1994 |
| *yr* | *1995* | 1 | -0.66474 | 0.97856 | 0.4615 | 0.4969 | 0.514 | 0.076 | 3.502 | yr 1995 |
| *yr* | *1996* | 1 | -2.02701 | 1.16868 | 3.0083 | 0.0828 | 0.132 | 0.013 | 1.302 | yr 1996 |
| *yr* | *1997* | 1 | -1.04302 | 0.99647 | 1.0956 | 0.2952 | 0.352 | 0.050 | 2.484 | yr 1997 |
| *yr* | *1998* | 1 | -1.03913 | 1.00244 | 1.0746 | 0.2999 | 0.354 | 0.050 | 2.523 | yr 1998 |
| *yr* | *1999* | 1 | -14.96206 | 5542 | 0.0000 | 0.9978 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | 0.13078 | 0.89440 | 0.0214 | 0.8837 | 1.140 | 0.197 | 6.578 | yr 2011 |
| *yr* | *2012* | 1 | -0.17177 | 0.84340 | 0.0415 | 0.8386 | 0.842 | 0.161 | 4.399 | yr 2012 |
| *aspirin* |  | 1 | 0.53058 | 0.24627 | 4.6415 | 0.0312 | 1.700 | 1.049 | 2.755 |  |
| *statin* |  | 1 | -0.45991 | 0.34399 | 1.7876 | 0.1812 | 0.631 | 0.322 | 1.239 |  |
| *PREVHF* |  | 1 | 0.33887 | 0.73166 | 0.2145 | 0.6433 | 1.403 | 0.334 | 5.888 |  |
| *PrevMI* |  | 1 | 0.58055 | 0.87222 | 0.4430 | 0.5057 | 1.787 | 0.323 | 9.876 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1322 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DM1* | *0* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *1* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 351 | 57 | 294 | 83.76 |
| *2* | J | 293 | 48 | 245 | 83.62 |
| *3* | M | 349 | 53 | 296 | 84.81 |
| *4* | W | 329 | 59 | 270 | 82.07 |
| *Total* |  | 1322 | 217 | 1105 | 83.59 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2207.608 | 2032.200 |
| *AIC* | 2207.608 | 2104.200 |
| *SBC* | 2207.608 | 2225.876 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 175.4076 | 36 | <.0001 |
| *Score* | 218.7009 | 36 | <.0001 |
| *Wald* | 178.4471 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 0.8353 | 0.9747 |
| *GENDER* | 0 | . | . |
| *age* | 1 | 58.2798 | <.0001 |
| *race* | 1 | 0.4712 | 0.4924 |
| *BMI* | 1 | 18.6164 | <.0001 |
| *CTG* | 3 | 4.6643 | 0.1981 |
| *DRNK* | 2 | 4.5261 | 0.1040 |
| *HTN* | 1 | 1.1039 | 0.2934 |
| *ssri* | 1 | 0.1137 | 0.7359 |
| *DM1* | 1 | 9.4819 | 0.0021 |
| *yr* | 16 | 11.2767 | 0.7921 |
| *aspirin* | 1 | 0.0002 | 0.9881 |
| *statin* | 1 | 0.6293 | 0.4276 |
| *PREVHF* | 1 | 20.6234 | <.0001 |
| *PrevMI* | 1 | 0.8965 | 0.3437 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.04514 | 0.35969 | 0.0157 | 0.9001 | 0.956 | 0.472 | 1.934 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | -0.06035 | 0.32743 | 0.0340 | 0.8538 | 0.941 | 0.496 | 1.789 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.00751 | 0.30245 | 0.0006 | 0.9802 | 1.008 | 0.557 | 1.823 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.13948 | 0.37567 | 0.1379 | 0.7104 | 0.870 | 0.417 | 1.816 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.15291 | 0.31902 | 0.2297 | 0.6317 | 0.858 | 0.459 | 1.604 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.10134 | 0.01327 | 58.2798 | <.0001 | 1.107 | 1.078 | 1.136 |  |
| *race* |  | 1 | 0.31461 | 0.45833 | 0.4712 | 0.4924 | 1.370 | 0.558 | 3.363 |  |
| *BMI* |  | 1 | 0.04921 | 0.01141 | 18.6164 | <.0001 | 1.050 | 1.027 | 1.074 |  |
| *CTG* | *1* | 1 | 0.30412 | 0.77061 | 0.1557 | 0.6931 | 1.355 | 0.299 | 6.138 | CTG 1 |
| *CTG* | *2* | 1 | -0.00369 | 0.75734 | 0.0000 | 0.9961 | 0.996 | 0.226 | 4.396 | CTG 2 |
| *CTG* | *3* | 1 | -0.13821 | 0.75477 | 0.0335 | 0.8547 | 0.871 | 0.198 | 3.823 | CTG 3 |
| *DRNK* | *1* | 1 | 0.08500 | 0.18714 | 0.2063 | 0.6497 | 1.089 | 0.754 | 1.571 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.30104 | 0.19709 | 2.3329 | 0.1267 | 0.740 | 0.503 | 1.089 | DRNK 2 |
| *HTN* |  | 1 | 0.16705 | 0.15899 | 1.1039 | 0.2934 | 1.182 | 0.865 | 1.614 |  |
| *ssri* |  | 1 | 0.05490 | 0.16279 | 0.1137 | 0.7359 | 1.056 | 0.768 | 1.453 |  |
| *DM1* | *0* | 1 | -0.52414 | 0.17022 | 9.4819 | 0.0021 | 0.592 | 0.424 | 0.827 | DM1 0 |
| *yr* | *1986* | 1 | -10.82604 | 457.23929 | 0.0006 | 0.9811 | 0.000 | 0.000 | . | yr 1986 |
| *yr* | *1987* | 1 | 0.10749 | 0.72515 | 0.0220 | 0.8822 | 1.113 | 0.269 | 4.612 | yr 1987 |
| *yr* | *1988* | 1 | -0.15192 | 0.70720 | 0.0461 | 0.8299 | 0.859 | 0.215 | 3.436 | yr 1988 |
| *yr* | *1989* | 1 | -0.04197 | 0.69897 | 0.0036 | 0.9521 | 0.959 | 0.244 | 3.773 | yr 1989 |
| *yr* | *1990* | 1 | 0.37452 | 0.69589 | 0.2896 | 0.5905 | 1.454 | 0.372 | 5.688 | yr 1990 |
| *yr* | *1991* | 1 | 0.67756 | 0.69214 | 0.9583 | 0.3276 | 1.969 | 0.507 | 7.646 | yr 1991 |
| *yr* | *1992* | 1 | 0.15082 | 0.69897 | 0.0466 | 0.8292 | 1.163 | 0.295 | 4.576 | yr 1992 |
| *yr* | *1993* | 1 | -0.03507 | 0.69606 | 0.0025 | 0.9598 | 0.966 | 0.247 | 3.778 | yr 1993 |
| *yr* | *1994* | 1 | 0.05339 | 0.68290 | 0.0061 | 0.9377 | 1.055 | 0.277 | 4.022 | yr 1994 |
| *yr* | *1995* | 1 | 0.22514 | 0.67393 | 0.1116 | 0.7383 | 1.252 | 0.334 | 4.693 | yr 1995 |
| *yr* | *1996* | 1 | 0.23472 | 0.65674 | 0.1277 | 0.7208 | 1.265 | 0.349 | 4.581 | yr 1996 |
| *yr* | *1997* | 1 | -0.22775 | 0.68923 | 0.1092 | 0.7411 | 0.796 | 0.206 | 3.074 | yr 1997 |
| *yr* | *1998* | 1 | 0.25498 | 0.66126 | 0.1487 | 0.6998 | 1.290 | 0.353 | 4.716 | yr 1998 |
| *yr* | *1999* | 1 | -11.25236 | 770.75675 | 0.0002 | 0.9884 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.30655 | 0.69500 | 0.1945 | 0.6592 | 0.736 | 0.188 | 2.874 | yr 2011 |
| *yr* | *2012* | 1 | 0.05727 | 0.57492 | 0.0099 | 0.9206 | 1.059 | 0.343 | 3.268 | yr 2012 |
| *aspirin* |  | 1 | -0.00221 | 0.14790 | 0.0002 | 0.9881 | 0.998 | 0.747 | 1.333 |  |
| *statin* |  | 1 | -0.21211 | 0.26738 | 0.6293 | 0.4276 | 0.809 | 0.479 | 1.366 |  |
| *PREVHF* |  | 1 | 1.42612 | 0.31403 | 20.6234 | <.0001 | 4.163 | 2.249 | 7.703 |  |
| *PrevMI* |  | 1 | 0.65933 | 0.69633 | 0.8965 | 0.3437 | 1.933 | 0.494 | 7.569 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1467 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 494 | 83 | 411 | 83.20 |
| *2* | M | 504 | 87 | 417 | 82.74 |
| *3* | W | 469 | 96 | 373 | 79.53 |
| *Total* |  | 1467 | 266 | 1201 | 81.87 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2892.399 | 2765.986 |
| *AIC* | 2892.399 | 2781.986 |
| *SBC* | 2892.399 | 2810.654 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 126.4124 | 8 | <.0001 |
| *Score* | 132.9904 | 8 | <.0001 |
| *Wald* | 125.0214 | 8 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 1.9375 | 0.8577 |
| *GENDER* | 1 | 19.6331 | <.0001 |
| *age* | 1 | 93.7353 | <.0001 |
| *ssri* | 1 | 1.6673 | 0.1966 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.09581 | 0.34822 | 0.0757 | 0.7832 | 0.909 | 0.459 | 1.798 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.16384 | 0.28992 | 0.3194 | 0.5720 | 1.178 | 0.667 | 2.079 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.17220 | 0.24852 | 0.4801 | 0.4884 | 1.188 | 0.730 | 1.933 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.09983 | 0.30655 | 0.1061 | 0.7447 | 1.105 | 0.606 | 2.015 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.01050 | 0.25241 | 0.0017 | 0.9668 | 1.011 | 0.616 | 1.657 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | -0.57736 | 0.13030 | 19.6331 | <.0001 | 0.561 | 0.435 | 0.725 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08459 | 0.00874 | 93.7353 | <.0001 | 1.088 | 1.070 | 1.107 |  |
| *ssri* |  | 1 | 0.16864 | 0.13061 | 1.6673 | 0.1966 | 1.184 | 0.916 | 1.529 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 424 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 35 | 6 | 29 | 82.86 |
| *2* | J | 389 | 57 | 332 | 85.35 |
| *Total* |  | 424 | 63 | 361 | 85.14 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 620.145 | 587.081 |
| *AIC* | 620.145 | 603.081 |
| *SBC* | 620.145 | 620.226 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 33.0640 | 8 | <.0001 |
| *Score* | 32.2749 | 8 | <.0001 |
| *Wald* | 29.8710 | 8 | 0.0002 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.6096 | 0.1257 |
| *GENDER* | 1 | 0.3522 | 0.5528 |
| *age* | 1 | 20.7691 | <.0001 |
| *ssri* | 1 | 1.3796 | 0.2402 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.77277 | 0.47662 | 2.6287 | 0.1049 | 2.166 | 0.851 | 5.512 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.48199 | 0.48069 | 1.0054 | 0.3160 | 1.619 | 0.631 | 4.154 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.71953 | 0.47962 | 2.2506 | 0.1336 | 2.053 | 0.802 | 5.257 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -1.05443 | 1.08387 | 0.9464 | 0.3306 | 0.348 | 0.042 | 2.915 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.25469 | 0.62073 | 0.1684 | 0.6816 | 0.775 | 0.230 | 2.617 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | 0.22062 | 0.37172 | 0.3522 | 0.5528 | 1.247 | 0.602 | 2.584 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08369 | 0.01836 | 20.7691 | <.0001 | 1.087 | 1.049 | 1.127 |  |
| *ssri* |  | 1 | -0.37631 | 0.32038 | 1.3796 | 0.2402 | 0.686 | 0.366 | 1.286 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1443 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DM1* | *0* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *1* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 489 | 83 | 406 | 83.03 |
| *2* | M | 493 | 86 | 407 | 82.56 |
| *3* | W | 461 | 95 | 366 | 79.39 |
| *Total* |  | 1443 | 264 | 1179 | 81.70 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2865.571 | 2654.893 |
| *AIC* | 2865.571 | 2726.893 |
| *SBC* | 2865.571 | 2855.627 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 210.6787 | 36 | <.0001 |
| *Score* | 235.8567 | 36 | <.0001 |
| *Wald* | 202.3490 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 2.5865 | 0.7634 |
| *GENDER* | 1 | 15.7579 | <.0001 |
| *age* | 1 | 52.0408 | <.0001 |
| *BMI* | 1 | 17.6563 | <.0001 |
| *CTG* | 3 | 6.3117 | 0.0974 |
| *DRNK* | 2 | 0.5930 | 0.7434 |
| *HTN* | 1 | 9.0353 | 0.0026 |
| *ssri* | 1 | 1.8581 | 0.1728 |
| *DM1* | 1 | 3.0604 | 0.0802 |
| *yr* | 16 | 10.5036 | 0.8390 |
| *aspirin* | 1 | 6.0043 | 0.0143 |
| *statin* | 1 | 2.4147 | 0.1202 |
| *PREVHF* | 1 | 14.8843 | 0.0001 |
| *PrevMI* | 1 | 0.2774 | 0.5984 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.15824 | 0.35858 | 0.1947 | 0.6590 | 0.854 | 0.423 | 1.724 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.00943 | 0.30016 | 0.0010 | 0.9749 | 1.009 | 0.561 | 1.818 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.19799 | 0.25486 | 0.6035 | 0.4372 | 1.219 | 0.740 | 2.009 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.18027 | 0.31163 | 0.3346 | 0.5629 | 1.198 | 0.650 | 2.206 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.04385 | 0.25505 | 0.0296 | 0.8635 | 1.045 | 0.634 | 1.722 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | -0.55406 | 0.13958 | 15.7579 | <.0001 | 0.575 | 0.437 | 0.755 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08369 | 0.01160 | 52.0408 | <.0001 | 1.087 | 1.063 | 1.112 |  |
| *BMI* |  | 1 | 0.04826 | 0.01149 | 17.6563 | <.0001 | 1.049 | 1.026 | 1.073 |  |
| *CTG* | *1* | 1 | 0.53634 | 0.63541 | 0.7125 | 0.3986 | 1.710 | 0.492 | 5.940 | CTG 1 |
| *CTG* | *2* | 1 | 0.29773 | 0.61808 | 0.2320 | 0.6300 | 1.347 | 0.401 | 4.523 | CTG 2 |
| *CTG* | *3* | 1 | 0.07098 | 0.62290 | 0.0130 | 0.9093 | 1.074 | 0.317 | 3.639 | CTG 3 |
| *DRNK* | *1* | 1 | 0.06647 | 0.18744 | 0.1258 | 0.7229 | 1.069 | 0.740 | 1.543 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.05327 | 0.19752 | 0.0727 | 0.7874 | 0.948 | 0.644 | 1.396 | DRNK 2 |
| *HTN* |  | 1 | 0.42400 | 0.14106 | 9.0353 | 0.0026 | 1.528 | 1.159 | 2.015 |  |
| *ssri* |  | 1 | 0.20134 | 0.14771 | 1.8581 | 0.1728 | 1.223 | 0.916 | 1.634 |  |
| *DM1* | *0* | 1 | -0.29790 | 0.17029 | 3.0604 | 0.0802 | 0.742 | 0.532 | 1.037 | DM1 0 |
| *yr* | *1986* | 1 | -10.72494 | 354.69358 | 0.0009 | 0.9759 | 0.000 | 0.000 | 1.81E297 | yr 1986 |
| *yr* | *1987* | 1 | -0.35818 | 0.65923 | 0.2952 | 0.5869 | 0.699 | 0.192 | 2.544 | yr 1987 |
| *yr* | *1988* | 1 | -0.71949 | 0.64669 | 1.2378 | 0.2659 | 0.487 | 0.137 | 1.730 | yr 1988 |
| *yr* | *1989* | 1 | -0.34627 | 0.63476 | 0.2976 | 0.5854 | 0.707 | 0.204 | 2.454 | yr 1989 |
| *yr* | *1990* | 1 | 0.01497 | 0.63952 | 0.0005 | 0.9813 | 1.015 | 0.290 | 3.555 | yr 1990 |
| *yr* | *1991* | 1 | -0.21424 | 0.62940 | 0.1159 | 0.7336 | 0.807 | 0.235 | 2.771 | yr 1991 |
| *yr* | *1992* | 1 | -0.44701 | 0.64977 | 0.4733 | 0.4915 | 0.640 | 0.179 | 2.285 | yr 1992 |
| *yr* | *1993* | 1 | -0.40157 | 0.63535 | 0.3995 | 0.5274 | 0.669 | 0.193 | 2.325 | yr 1993 |
| *yr* | *1994* | 1 | -0.39461 | 0.62883 | 0.3938 | 0.5303 | 0.674 | 0.197 | 2.311 | yr 1994 |
| *yr* | *1995* | 1 | -0.30446 | 0.60208 | 0.2557 | 0.6131 | 0.738 | 0.227 | 2.400 | yr 1995 |
| *yr* | *1996* | 1 | -0.70690 | 0.61960 | 1.3017 | 0.2539 | 0.493 | 0.146 | 1.661 | yr 1996 |
| *yr* | *1997* | 1 | -0.70425 | 0.60871 | 1.3385 | 0.2473 | 0.494 | 0.150 | 1.630 | yr 1997 |
| *yr* | *1998* | 1 | -0.37289 | 0.60184 | 0.3839 | 0.5355 | 0.689 | 0.212 | 2.240 | yr 1998 |
| *yr* | *1999* | 1 | -12.18310 | 757.75808 | 0.0003 | 0.9872 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.08277 | 0.56803 | 0.0212 | 0.8841 | 0.921 | 0.302 | 2.803 | yr 2011 |
| *yr* | *2012* | 1 | 0.09728 | 0.51555 | 0.0356 | 0.8503 | 1.102 | 0.401 | 3.027 | yr 2012 |
| *aspirin* |  | 1 | 0.35205 | 0.14367 | 6.0043 | 0.0143 | 1.422 | 1.073 | 1.884 |  |
| *statin* |  | 1 | -0.34691 | 0.22325 | 2.4147 | 0.1202 | 0.707 | 0.456 | 1.095 |  |
| *PREVHF* |  | 1 | 1.23257 | 0.31948 | 14.8843 | 0.0001 | 3.430 | 1.834 | 6.416 |  |
| *PrevMI* |  | 1 | -0.36110 | 0.68561 | 0.2774 | 0.5984 | 0.697 | 0.182 | 2.672 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_AF |  |
| *Censoring Variable* | afinc | Incident AF |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 406 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DM1* | *0* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *1* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *CENTER* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | F | 34 | 6 | 28 | 82.35 |
| *2* | J | 372 | 57 | 315 | 84.68 |
| *Total* |  | 406 | 63 | 343 | 84.48 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 619.268 | 551.852 |
| *AIC* | 619.268 | 619.852 |
| *SBC* | 619.268 | 692.719 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 67.4158 | 34 | 0.0006 |
| *Score* | 73.0540 | 34 | 0.0001 |
| *Wald* | 60.2052 | 34 | 0.0037 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.4751 | 0.1319 |
| *GENDER* | 1 | 0.4574 | 0.4988 |
| *age* | 1 | 16.3776 | <.0001 |
| *BMI* | 1 | 0.5795 | 0.4465 |
| *CTG* | 3 | 0.9128 | 0.8223 |
| *DRNK* | 2 | 5.1867 | 0.0748 |
| *HTN* | 1 | 0.5717 | 0.4496 |
| *ssri* | 1 | 0.9320 | 0.3343 |
| *DM1* | 1 | 3.2587 | 0.0710 |
| *yr* | 14 | 9.6394 | 0.7880 |
| *aspirin* | 1 | 0.2539 | 0.6144 |
| *statin* | 1 | 0.2487 | 0.6180 |
| *PREVHF* | 1 | 0.6029 | 0.4375 |
| *PrevMI* | 1 | 11.2240 | 0.0008 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.64451 | 0.51442 | 1.5698 | 0.2102 | 1.905 | 0.695 | 5.221 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.36639 | 0.52259 | 0.4915 | 0.4832 | 1.443 | 0.518 | 4.017 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.73317 | 0.51657 | 2.0144 | 0.1558 | 2.082 | 0.756 | 5.730 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -1.99237 | 1.29953 | 2.3505 | 0.1252 | 0.136 | 0.011 | 1.741 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.19891 | 0.63234 | 0.0990 | 0.7531 | 0.820 | 0.237 | 2.830 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | 0.28476 | 0.42103 | 0.4574 | 0.4988 | 1.329 | 0.582 | 3.034 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.10416 | 0.02574 | 16.3776 | <.0001 | 1.110 | 1.055 | 1.167 |  |
| *BMI* |  | 1 | 0.01702 | 0.02236 | 0.5795 | 0.4465 | 1.017 | 0.974 | 1.063 |  |
| *CTG* | *1* | 1 | 12.65986 | 881.22904 | 0.0002 | 0.9885 | 314851.9 | 0.000 | . | CTG 1 |
| *CTG* | *2* | 1 | 12.87214 | 881.22896 | 0.0002 | 0.9883 | 389313.8 | 0.000 | . | CTG 2 |
| *CTG* | *3* | 1 | 12.56215 | 881.22896 | 0.0002 | 0.9886 | 285544.0 | 0.000 | . | CTG 3 |
| *DRNK* | *1* | 1 | 0.45948 | 0.36048 | 1.6247 | 0.2024 | 1.583 | 0.781 | 3.209 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.44320 | 0.34505 | 1.6498 | 0.1990 | 0.642 | 0.326 | 1.262 | DRNK 2 |
| *HTN* |  | 1 | 0.28831 | 0.38131 | 0.5717 | 0.4496 | 1.334 | 0.632 | 2.817 |  |
| *ssri* |  | 1 | -0.33931 | 0.35146 | 0.9320 | 0.3343 | 0.712 | 0.358 | 1.418 |  |
| *DM1* | *0* | 1 | -0.53443 | 0.29605 | 3.2587 | 0.0710 | 0.586 | 0.328 | 1.047 | DM1 0 |
| *yr* | *1987* | 1 | -0.15896 | 1.43491 | 0.0123 | 0.9118 | 0.853 | 0.051 | 14.202 | yr 1987 |
| *yr* | *1988* | 1 | -0.09606 | 1.34696 | 0.0051 | 0.9431 | 0.908 | 0.065 | 12.730 | yr 1988 |
| *yr* | *1989* | 1 | 0.05962 | 1.33387 | 0.0020 | 0.9643 | 1.061 | 0.078 | 14.497 | yr 1989 |
| *yr* | *1990* | 1 | 0.52086 | 1.33427 | 0.1524 | 0.6963 | 1.683 | 0.123 | 23.011 | yr 1990 |
| *yr* | *1991* | 1 | 0.75214 | 1.28722 | 0.3414 | 0.5590 | 2.122 | 0.170 | 26.444 | yr 1991 |
| *yr* | *1992* | 1 | -0.05995 | 1.33792 | 0.0020 | 0.9643 | 0.942 | 0.068 | 12.966 | yr 1992 |
| *yr* | *1993* | 1 | 0.18172 | 1.38345 | 0.0173 | 0.8955 | 1.199 | 0.080 | 18.052 | yr 1993 |
| *yr* | *1994* | 1 | 0.18752 | 1.31788 | 0.0202 | 0.8868 | 1.206 | 0.091 | 15.967 | yr 1994 |
| *yr* | *1995* | 1 | 0.52962 | 1.29137 | 0.1682 | 0.6817 | 1.698 | 0.135 | 21.342 | yr 1995 |
| *yr* | *1996* | 1 | 1.03685 | 1.29974 | 0.6364 | 0.4250 | 2.820 | 0.221 | 36.028 | yr 1996 |
| *yr* | *1997* | 1 | -0.07593 | 1.43638 | 0.0028 | 0.9578 | 0.927 | 0.056 | 15.476 | yr 1997 |
| *yr* | *1998* | 1 | 0.54848 | 1.25454 | 0.1911 | 0.6620 | 1.731 | 0.148 | 20.234 | yr 1998 |
| *yr* | *2011* | 1 | -0.93633 | 1.46633 | 0.4077 | 0.5231 | 0.392 | 0.022 | 6.942 | yr 2011 |
| *yr* | *2012* | 1 | -0.74948 | 1.27819 | 0.3438 | 0.5576 | 0.473 | 0.039 | 5.788 | yr 2012 |
| *aspirin* |  | 1 | -0.14244 | 0.28271 | 0.2539 | 0.6144 | 0.867 | 0.498 | 1.509 |  |
| *statin* |  | 1 | 0.30436 | 0.61030 | 0.2487 | 0.6180 | 1.356 | 0.410 | 4.484 |  |
| *PREVHF* |  | 1 | 0.52591 | 0.67732 | 0.6029 | 0.4375 | 1.692 | 0.449 | 6.382 |  |
| *PrevMI* |  | 1 | 3.63082 | 1.08376 | 11.2240 | 0.0008 | 37.744 | 4.512 | 315.749 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | BRESLOW |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1709 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1709 | 360 | 1349 | 78.94 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 4882.976 | 4572.163 |
| *AIC* | 4882.976 | 4642.163 |
| *SBC* | 4882.976 | 4778.176 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 310.8133 | 35 | <.0001 |
| *Score* | 323.7679 | 35 | <.0001 |
| *Wald* | 308.3416 | 35 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 11.4534 | 0.0431 |
| *CENTER* | 3 | 4.2364 | 0.2370 |
| *GENDER* | 1 | 5.9455 | 0.0148 |
| *age* | 1 | 60.1557 | <.0001 |
| *race* | 1 | 0.7884 | 0.3746 |
| *BMI* | 1 | 16.3741 | <.0001 |
| *CTG* | 3 | 55.2153 | <.0001 |
| *DRNK* | 2 | 1.3641 | 0.5056 |
| *HTN* | 1 | 28.4871 | <.0001 |
| *ssri* | 1 | 0.5562 | 0.4558 |
| *DM1* | 1 | 46.2778 | <.0001 |
| *yr* | 15 | 37.5285 | 0.0011 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *Label* |
| *ELEVEL01* | *1* | 1 | -0.14085 | 0.26888 | 0.2744 | 0.6004 | 0.869 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.31738 | 0.24132 | 1.7297 | 0.1884 | 1.374 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.30248 | 0.22387 | 1.8256 | 0.1766 | 1.353 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.23968 | 0.29071 | 0.6797 | 0.4097 | 0.787 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.07594 | 0.23164 | 0.1075 | 0.7430 | 1.079 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.29107 | 0.15866 | 3.3656 | 0.0666 | 0.747 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.58642 | 0.37461 | 2.4505 | 0.1175 | 0.556 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.10040 | 0.16114 | 0.3882 | 0.5332 | 0.904 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.30420 | 0.12476 | 5.9455 | 0.0148 | 0.738 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.07688 | 0.00991 | 60.1557 | <.0001 | 1.080 |  |
| *race* |  | 1 | 0.31335 | 0.35291 | 0.7884 | 0.3746 | 1.368 |  |
| *BMI* |  | 1 | 0.04131 | 0.01021 | 16.3741 | <.0001 | 1.042 |  |
| *CTG* | *1* | 1 | 0.76658 | 0.54380 | 1.9872 | 0.1586 | 2.152 | CTG 1 |
| *CTG* | *2* | 1 | 0.19611 | 0.53334 | 0.1352 | 0.7131 | 1.217 | CTG 2 |
| *CTG* | *3* | 1 | -0.40007 | 0.53871 | 0.5515 | 0.4577 | 0.670 | CTG 3 |
| *DRNK* | *1* | 1 | -0.16542 | 0.15589 | 1.1260 | 0.2886 | 0.848 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.04261 | 0.15091 | 0.0797 | 0.7777 | 0.958 | DRNK 2 |
| *HTN* |  | 1 | 0.66978 | 0.12549 | 28.4871 | <.0001 | 1.954 |  |
| *ssri* |  | 1 | -0.09541 | 0.12793 | 0.5562 | 0.4558 | 0.909 |  |
| *DM1* |  | 1 | 0.87053 | 0.12797 | 46.2778 | <.0001 | 2.388 |  |
| *yr* | *1986* | 0 | 0 | . | . | . | . | yr 1986 |
| *yr* | *1987* | 1 | 0.28885 | 0.56225 | 0.2639 | 0.6074 | 1.335 | yr 1987 |
| *yr* | *1988* | 1 | 0.78002 | 0.53184 | 2.1510 | 0.1425 | 2.182 | yr 1988 |
| *yr* | *1989* | 1 | 0.86425 | 0.52313 | 2.7293 | 0.0985 | 2.373 | yr 1989 |
| *yr* | *1990* | 1 | 1.17041 | 0.52420 | 4.9851 | 0.0256 | 3.223 | yr 1990 |
| *yr* | *1991* | 1 | 0.24115 | 0.54447 | 0.1962 | 0.6578 | 1.273 | yr 1991 |
| *yr* | *1992* | 1 | 1.20670 | 0.52225 | 5.3388 | 0.0209 | 3.342 | yr 1992 |
| *yr* | *1993* | 1 | 0.89990 | 0.53102 | 2.8719 | 0.0901 | 2.459 | yr 1993 |
| *yr* | *1994* | 1 | 1.10405 | 0.51647 | 4.5697 | 0.0325 | 3.016 | yr 1994 |
| *yr* | *1995* | 1 | 0.65959 | 0.50096 | 1.7336 | 0.1880 | 1.934 | yr 1995 |
| *yr* | *1996* | 1 | 0.58599 | 0.50572 | 1.3426 | 0.2466 | 1.797 | yr 1996 |
| *yr* | *1997* | 1 | 0.13706 | 0.51778 | 0.0701 | 0.7912 | 1.147 | yr 1997 |
| *yr* | *1998* | 1 | 0.29716 | 0.51391 | 0.3344 | 0.5631 | 1.346 | yr 1998 |
| *yr* | *1999* | 1 | -9.54078 | 284.14431 | 0.0011 | 0.9732 | 0.000 | yr 1999 |
| *yr* | *2011* | 1 | -0.25172 | 0.52060 | 0.2338 | 0.6287 | 0.777 | yr 2011 |
| *yr* | *2012* | 1 | 0.09740 | 0.46120 | 0.0446 | 0.8327 | 1.102 | yr 2012 |

|  |  |
| --- | --- |
| *1 With Variables:* | timerank |
| *12 Variables:* | relevel01 rcenter rGender rage rrace rBMI rCTG rDRNK rHTN rssri rdm1 ryr |

| *Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *relevel01* | *rcenter* | *rGender* | *rage* | *rrace* | *rBMI* |
| *timerank* Rank for Variable stime\_HF | 0.03259 0.5377 360 | 0.01464 0.7819 360 | 0.02472 0.6402 360 | -0.01424 0.7878 360 | -0.00033 0.9950 360 | -0.01165 0.8256 360 |

| *Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *rCTG* | *rDRNK* | *rHTN* | *rssri* | *rdm1* | *ryr* |
| *timerank* Rank for Variable stime\_HF | -0.08755 0.0972 360 | 0.04460 0.3988 360 | -0.02793 0.5974 360 | 0.00641 0.9035 360 | -0.10852 0.0396 360 | -0.01442 0.7851 360 |

| *Analysis Variable : stime\_HF* |
| --- |
| *Median* |
| 5773.00 |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1748 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1748 | 365 | 1383 | 79.12 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 4960.865 | 4834.644 |
| *AIC* | 4960.865 | 4858.644 |
| *SBC* | 4960.865 | 4905.443 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 126.2209 | 12 | <.0001 |
| *Score* | 129.4198 | 12 | <.0001 |
| *Wald* | 125.7502 | 12 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 18.5941 | 0.0023 |
| *CENTER* | 3 | 2.5651 | 0.4636 |
| *race* | 1 | 5.8296 | 0.0158 |
| *GENDER* | 1 | 12.1457 | 0.0005 |
| *ssri* | 1 | 0.7005 | 0.4026 |
| *age* | 1 | 77.7899 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.37577 | 0.25658 | 2.1449 | 0.1430 | 1.456 | 0.881 | 2.408 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.70864 | 0.23061 | 9.4424 | 0.0021 | 2.031 | 1.293 | 3.192 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.47961 | 0.21576 | 4.9413 | 0.0262 | 1.615 | 1.058 | 2.466 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.03310 | 0.28173 | 0.0138 | 0.9065 | 1.034 | 0.595 | 1.795 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.14545 | 0.22604 | 0.4140 | 0.5199 | 1.157 | 0.743 | 1.801 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.19101 | 0.15348 | 1.5489 | 0.2133 | 0.826 | 0.612 | 1.116 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.48216 | 0.36693 | 1.7267 | 0.1888 | 0.617 | 0.301 | 1.267 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.03215 | 0.15504 | 0.0430 | 0.8357 | 0.968 | 0.715 | 1.312 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.81273 | 0.33661 | 5.8296 | 0.0158 | 2.254 | 1.165 | 4.360 |  |
| *GENDER* | *F* | 1 | -0.39974 | 0.11470 | 12.1457 | 0.0005 | 0.670 | 0.536 | 0.840 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.09712 | 0.11604 | 0.7005 | 0.4026 | 0.907 | 0.723 | 1.139 |  |
| *age* |  | 1 | 0.06164 | 0.00699 | 77.7899 | <.0001 | 1.064 | 1.049 | 1.078 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1709 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 1362 | 240 | 1122 | 82.38 |
| *2* | 1 | 347 | 120 | 227 | 65.42 |
| *Total* |  | 1709 | 360 | 1349 | 78.94 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 4355.489 | 4090.975 |
| *AIC* | 4355.489 | 4164.975 |
| *SBC* | 4355.489 | 4308.761 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 264.5136 | 37 | <.0001 |
| *Score* | 334.5237 | 37 | <.0001 |
| *Wald* | 273.6015 | 37 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 13.2130 | 0.0215 |
| *CENTER* | 3 | 3.5075 | 0.3198 |
| *GENDER* | 1 | 4.7040 | 0.0301 |
| *age* | 1 | 65.5204 | <.0001 |
| *race* | 1 | 1.0343 | 0.3091 |
| *BMI* | 1 | 17.2753 | <.0001 |
| *CTG* | 3 | 52.3173 | <.0001 |
| *DRNK* | 2 | 1.1429 | 0.5647 |
| *HTN* | 1 | 25.0110 | <.0001 |
| *ssri* | 1 | 0.4066 | 0.5237 |
| *yr* | 15 | 42.8300 | 0.0002 |
| *aspirin* | 1 | 4.1611 | 0.0414 |
| *statin* | 1 | 0.0105 | 0.9183 |
| *PREVHF* | 0 | . | . |
| *PrevMI* | 1 | 64.2867 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.11014 | 0.27017 | 0.1662 | 0.6835 | 0.896 | 0.527 | 1.521 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.36233 | 0.24254 | 2.2318 | 0.1352 | 1.437 | 0.893 | 2.311 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.34698 | 0.22447 | 2.3895 | 0.1222 | 1.415 | 0.911 | 2.197 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.28813 | 0.29089 | 0.9812 | 0.3219 | 0.750 | 0.424 | 1.326 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.15740 | 0.23309 | 0.4560 | 0.4995 | 1.170 | 0.741 | 1.848 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.25966 | 0.15992 | 2.6364 | 0.1044 | 0.771 | 0.564 | 1.055 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.56819 | 0.37552 | 2.2894 | 0.1303 | 0.567 | 0.271 | 1.183 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.10261 | 0.16206 | 0.4009 | 0.5266 | 0.902 | 0.657 | 1.240 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.27515 | 0.12686 | 4.7040 | 0.0301 | 0.759 | 0.592 | 0.974 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08111 | 0.01002 | 65.5204 | <.0001 | 1.084 | 1.063 | 1.106 |  |
| *race* |  | 1 | 0.35885 | 0.35285 | 1.0343 | 0.3091 | 1.432 | 0.717 | 2.859 |  |
| *BMI* |  | 1 | 0.04297 | 0.01034 | 17.2753 | <.0001 | 1.044 | 1.023 | 1.065 |  |
| *CTG* | *1* | 1 | 0.65046 | 0.54683 | 1.4149 | 0.2342 | 1.916 | 0.656 | 5.597 | CTG 1 |
| *CTG* | *2* | 1 | 0.07767 | 0.53787 | 0.0209 | 0.8852 | 1.081 | 0.377 | 3.101 | CTG 2 |
| *CTG* | *3* | 1 | -0.48716 | 0.54274 | 0.8057 | 0.3694 | 0.614 | 0.212 | 1.780 | CTG 3 |
| *DRNK* | *1* | 1 | -0.15836 | 0.15718 | 1.0151 | 0.3137 | 0.854 | 0.627 | 1.161 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.05307 | 0.15174 | 0.1223 | 0.7265 | 0.948 | 0.704 | 1.277 | DRNK 2 |
| *HTN* |  | 1 | 0.63700 | 0.12737 | 25.0110 | <.0001 | 1.891 | 1.473 | 2.427 |  |
| *ssri* |  | 1 | -0.08242 | 0.12927 | 0.4066 | 0.5237 | 0.921 | 0.715 | 1.186 |  |
| *yr* | *1986* | 0 | 0 | . | . | . | . | . | . | yr 1986 |
| *yr* | *1987* | 1 | 0.42004 | 0.57942 | 0.5255 | 0.4685 | 1.522 | 0.489 | 4.738 | yr 1987 |
| *yr* | *1988* | 1 | 0.86062 | 0.54796 | 2.4668 | 0.1163 | 2.365 | 0.808 | 6.921 | yr 1988 |
| *yr* | *1989* | 1 | 0.91433 | 0.54097 | 2.8567 | 0.0910 | 2.495 | 0.864 | 7.204 | yr 1989 |
| *yr* | *1990* | 1 | 1.23942 | 0.53957 | 5.2765 | 0.0216 | 3.454 | 1.199 | 9.944 | yr 1990 |
| *yr* | *1991* | 1 | 0.26636 | 0.55699 | 0.2287 | 0.6325 | 1.305 | 0.438 | 3.889 | yr 1991 |
| *yr* | *1992* | 1 | 1.25280 | 0.53852 | 5.4121 | 0.0200 | 3.500 | 1.218 | 10.057 | yr 1992 |
| *yr* | *1993* | 1 | 0.96088 | 0.54687 | 3.0872 | 0.0789 | 2.614 | 0.895 | 7.635 | yr 1993 |
| *yr* | *1994* | 1 | 1.13722 | 0.53247 | 4.5614 | 0.0327 | 3.118 | 1.098 | 8.854 | yr 1994 |
| *yr* | *1995* | 1 | 0.70252 | 0.51603 | 1.8534 | 0.1734 | 2.019 | 0.734 | 5.551 | yr 1995 |
| *yr* | *1996* | 1 | 0.64266 | 0.51660 | 1.5476 | 0.2135 | 1.902 | 0.691 | 5.234 | yr 1996 |
| *yr* | *1997* | 1 | 0.00759 | 0.52862 | 0.0002 | 0.9885 | 1.008 | 0.358 | 2.840 | yr 1997 |
| *yr* | *1998* | 1 | 0.08960 | 0.52997 | 0.0286 | 0.8657 | 1.094 | 0.387 | 3.090 | yr 1998 |
| *yr* | *1999* | 1 | -10.03016 | 362.19201 | 0.0008 | 0.9779 | 0.000 | 0.000 | 8.76E303 | yr 1999 |
| *yr* | *2011* | 1 | -0.42389 | 0.52400 | 0.6544 | 0.4185 | 0.654 | 0.234 | 1.828 | yr 2011 |
| *yr* | *2012* | 1 | -0.06449 | 0.46569 | 0.0192 | 0.8899 | 0.938 | 0.376 | 2.336 | yr 2012 |
| *aspirin* |  | 1 | 0.23806 | 0.11670 | 4.1611 | 0.0414 | 1.269 | 1.009 | 1.595 |  |
| *statin* |  | 1 | 0.01933 | 0.18841 | 0.0105 | 0.9183 | 1.020 | 0.705 | 1.475 |  |
| *PREVHF* |  | 0 | 0 | . | . | . | . | . | . |  |
| *PrevMI* |  | 1 | 2.45172 | 0.30578 | 64.2867 | <.0001 | 11.608 | 6.375 | 21.137 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1199 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 975 | 164 | 811 | 83.18 |
| *2* | 1 | 224 | 79 | 145 | 64.73 |
| *Total* |  | 1199 | 243 | 956 | 79.73 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2767.653 | 2700.186 |
| *AIC* | 2767.653 | 2722.186 |
| *SBC* | 2767.653 | 2760.610 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 67.4670 | 11 | <.0001 |
| *Score* | 68.1222 | 11 | <.0001 |
| *Wald* | 65.9943 | 11 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 19.7267 | 0.0014 |
| *CENTER* | 3 | 1.0663 | 0.7852 |
| *race* | 1 | 0.5782 | 0.4470 |
| *ssri* | 1 | 0.0772 | 0.7812 |
| *age* | 1 | 41.8294 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.65953 | 0.37675 | 3.0644 | 0.0800 | 1.934 | 0.924 | 4.047 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.08783 | 0.34998 | 9.6613 | 0.0019 | 2.968 | 1.495 | 5.893 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.68349 | 0.34083 | 4.0215 | 0.0449 | 1.981 | 1.016 | 3.863 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.01005 | 0.43272 | 0.0005 | 0.9815 | 1.010 | 0.433 | 2.359 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.46459 | 0.35382 | 1.7241 | 0.1892 | 1.591 | 0.795 | 3.184 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.13662 | 0.19367 | 0.4976 | 0.4806 | 0.872 | 0.597 | 1.275 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.14565 | 0.44309 | 0.1081 | 0.7424 | 0.864 | 0.363 | 2.060 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.05577 | 0.19401 | 0.0826 | 0.7738 | 1.057 | 0.723 | 1.547 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.31264 | 0.41116 | 0.5782 | 0.4470 | 1.367 | 0.611 | 3.060 |  |
| *ssri* |  | 1 | -0.03949 | 0.14216 | 0.0772 | 0.7812 | 0.961 | 0.728 | 1.270 |  |
| *age* |  | 1 | 0.05918 | 0.00915 | 41.8294 | <.0001 | 1.061 | 1.042 | 1.080 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 511 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 388 | 76 | 312 | 80.41 |
| *2* | 1 | 123 | 41 | 82 | 66.67 |
| *Total* |  | 511 | 117 | 394 | 77.10 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1135.365 | 1109.370 |
| *AIC* | 1135.365 | 1131.370 |
| *SBC* | 1135.365 | 1161.754 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 25.9955 | 11 | 0.0065 |
| *Score* | 26.9870 | 11 | 0.0046 |
| *Wald* | 26.1483 | 11 | 0.0062 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 2.9703 | 0.7046 |
| *CENTER* | 3 | 3.6485 | 0.3020 |
| *race* | 1 | 3.7452 | 0.0530 |
| *ssri* | 1 | 1.8883 | 0.1694 |
| *age* | 1 | 18.5626 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.33639 | 0.41549 | 0.6555 | 0.4182 | 0.714 | 0.316 | 1.613 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.02056 | 0.37157 | 0.0031 | 0.9559 | 1.021 | 0.493 | 2.115 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.09577 | 0.31294 | 0.0937 | 0.7596 | 1.101 | 0.596 | 2.032 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.06890 | 0.39508 | 0.0304 | 0.8616 | 1.071 | 0.494 | 2.324 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.25513 | 0.31612 | 0.6514 | 0.4196 | 0.775 | 0.417 | 1.440 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.22527 | 0.26036 | 0.7486 | 0.3869 | 0.798 | 0.479 | 1.330 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -1.30611 | 0.69300 | 3.5521 | 0.0595 | 0.271 | 0.070 | 1.054 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.06605 | 0.26650 | 0.0614 | 0.8043 | 0.936 | 0.555 | 1.578 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 1.19263 | 0.61627 | 3.7452 | 0.0530 | 3.296 | 0.985 | 11.029 |  |
| *ssri* |  | 1 | -0.29169 | 0.21227 | 1.8883 | 0.1694 | 0.747 | 0.493 | 1.132 |  |
| *age* |  | 1 | 0.05356 | 0.01243 | 18.5626 | <.0001 | 1.055 | 1.030 | 1.081 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1199 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 975 | 164 | 811 | 83.18 |
| *2* | 1 | 224 | 79 | 145 | 64.73 |
| *Total* |  | 1199 | 243 | 956 | 79.73 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2767.653 | 2594.579 |
| *AIC* | 2767.653 | 2666.579 |
| *SBC* | 2767.653 | 2792.329 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 173.0745 | 36 | <.0001 |
| *Score* | 229.5140 | 36 | <.0001 |
| *Wald* | 179.0344 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 11.1552 | 0.0484 |
| *CENTER* | 3 | 3.3916 | 0.3351 |
| *age* | 1 | 46.5047 | <.0001 |
| *race* | 1 | 0.1150 | 0.7345 |
| *BMI* | 1 | 12.4181 | 0.0004 |
| *CTG* | 3 | 38.7854 | <.0001 |
| *DRNK* | 2 | 0.3808 | 0.8266 |
| *HTN* | 1 | 10.7061 | 0.0011 |
| *ssri* | 1 | 0.3571 | 0.5501 |
| *yr* | 15 | 25.6587 | 0.0418 |
| *aspirin* | 1 | 1.4502 | 0.2285 |
| *statin* | 1 | 0.7416 | 0.3892 |
| *PrevMI* | 1 | 32.3723 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.33652 | 0.38979 | 0.7454 | 0.3879 | 1.400 | 0.652 | 3.006 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.71618 | 0.36135 | 3.9282 | 0.0475 | 2.047 | 1.008 | 4.155 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.62966 | 0.34648 | 3.3025 | 0.0692 | 1.877 | 0.952 | 3.702 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.14961 | 0.43675 | 0.1173 | 0.7319 | 0.861 | 0.366 | 2.027 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.48188 | 0.35744 | 1.8175 | 0.1776 | 1.619 | 0.804 | 3.262 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.36994 | 0.20248 | 3.3380 | 0.0677 | 0.691 | 0.464 | 1.027 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.33542 | 0.45406 | 0.5457 | 0.4601 | 0.715 | 0.294 | 1.741 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.13711 | 0.20484 | 0.4480 | 0.5033 | 0.872 | 0.584 | 1.303 | ARIC FIELD CENTER (CIR) M |
| *age* |  | 1 | 0.08561 | 0.01255 | 46.5047 | <.0001 | 1.089 | 1.063 | 1.117 |  |
| *race* |  | 1 | 0.14575 | 0.42972 | 0.1150 | 0.7345 | 1.157 | 0.498 | 2.686 |  |
| *BMI* |  | 1 | 0.04163 | 0.01181 | 12.4181 | 0.0004 | 1.043 | 1.019 | 1.067 |  |
| *CTG* | *1* | 1 | 0.98231 | 0.76316 | 1.6568 | 0.1980 | 2.671 | 0.598 | 11.918 | CTG 1 |
| *CTG* | *2* | 1 | 0.30686 | 0.75774 | 0.1640 | 0.6855 | 1.359 | 0.308 | 6.001 | CTG 2 |
| *CTG* | *3* | 1 | -0.16202 | 0.75691 | 0.0458 | 0.8305 | 0.850 | 0.193 | 3.749 | CTG 3 |
| *DRNK* | *1* | 1 | -0.11231 | 0.18333 | 0.3753 | 0.5401 | 0.894 | 0.624 | 1.280 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.06887 | 0.17487 | 0.1551 | 0.6937 | 0.933 | 0.663 | 1.315 | DRNK 2 |
| *HTN* |  | 1 | 0.49858 | 0.15238 | 10.7061 | 0.0011 | 1.646 | 1.221 | 2.219 |  |
| *ssri* |  | 1 | -0.09373 | 0.15685 | 0.3571 | 0.5501 | 0.911 | 0.670 | 1.238 |  |
| *yr* | *1986* | 0 | 0 | . | . | . | . | . | . | yr 1986 |
| *yr* | *1987* | 1 | -0.09263 | 0.66537 | 0.0194 | 0.8893 | 0.912 | 0.247 | 3.358 | yr 1987 |
| *yr* | *1988* | 1 | 0.29539 | 0.62287 | 0.2249 | 0.6353 | 1.344 | 0.396 | 4.555 | yr 1988 |
| *yr* | *1989* | 1 | 0.23896 | 0.61321 | 0.1519 | 0.6968 | 1.270 | 0.382 | 4.224 | yr 1989 |
| *yr* | *1990* | 1 | 0.58893 | 0.61501 | 0.9170 | 0.3383 | 1.802 | 0.540 | 6.015 | yr 1990 |
| *yr* | *1991* | 1 | -0.33948 | 0.66681 | 0.2592 | 0.6107 | 0.712 | 0.193 | 2.631 | yr 1991 |
| *yr* | *1992* | 1 | 0.77698 | 0.60883 | 1.6286 | 0.2019 | 2.175 | 0.659 | 7.173 | yr 1992 |
| *yr* | *1993* | 1 | 0.54651 | 0.61144 | 0.7989 | 0.3714 | 1.727 | 0.521 | 5.725 | yr 1993 |
| *yr* | *1994* | 1 | 0.34193 | 0.61749 | 0.3066 | 0.5797 | 1.408 | 0.420 | 4.722 | yr 1994 |
| *yr* | *1995* | 1 | 0.15918 | 0.60166 | 0.0700 | 0.7913 | 1.173 | 0.361 | 3.813 | yr 1995 |
| *yr* | *1996* | 1 | 0.40330 | 0.57359 | 0.4944 | 0.4820 | 1.497 | 0.486 | 4.607 | yr 1996 |
| *yr* | *1997* | 1 | -0.47042 | 0.62320 | 0.5698 | 0.4503 | 0.625 | 0.184 | 2.119 | yr 1997 |
| *yr* | *1998* | 1 | 0.05346 | 0.58958 | 0.0082 | 0.9278 | 1.055 | 0.332 | 3.350 | yr 1998 |
| *yr* | *1999* | 1 | -8.87331 | 305.96269 | 0.0008 | 0.9769 | 0.000 | 0.000 | 3.82E256 | yr 1999 |
| *yr* | *2011* | 1 | -0.74002 | 0.58758 | 1.5862 | 0.2079 | 0.477 | 0.151 | 1.509 | yr 2011 |
| *yr* | *2012* | 1 | -0.61882 | 0.54412 | 1.2934 | 0.2554 | 0.539 | 0.185 | 1.565 | yr 2012 |
| *aspirin* |  | 1 | 0.16766 | 0.13922 | 1.4502 | 0.2285 | 1.183 | 0.900 | 1.554 |  |
| *statin* |  | 1 | -0.21058 | 0.24453 | 0.7416 | 0.3892 | 0.810 | 0.502 | 1.308 |  |
| *PrevMI* |  | 1 | 2.70174 | 0.47485 | 32.3723 | <.0001 | 14.906 | 5.877 | 37.804 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 510 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 387 | 76 | 311 | 80.36 |
| *2* | 1 | 123 | 41 | 82 | 66.67 |
| *Total* |  | 510 | 117 | 393 | 77.06 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1134.322 | 1014.138 |
| *AIC* | 1134.322 | 1086.138 |
| *SBC* | 1134.322 | 1185.576 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 120.1839 | 36 | <.0001 |
| *Score* | 134.8761 | 36 | <.0001 |
| *Wald* | 110.4032 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 6.1192 | 0.2948 |
| *CENTER* | 3 | 6.3246 | 0.0968 |
| *age* | 1 | 17.9023 | <.0001 |
| *race* | 1 | 4.2434 | 0.0394 |
| *BMI* | 1 | 3.8726 | 0.0491 |
| *CTG* | 3 | 15.6852 | 0.0013 |
| *DRNK* | 2 | 0.1610 | 0.9226 |
| *HTN* | 1 | 15.6053 | <.0001 |
| *ssri* | 1 | 0.2811 | 0.5960 |
| *yr* | 15 | 27.8248 | 0.0227 |
| *aspirin* | 1 | 3.9447 | 0.0470 |
| *statin* | 1 | 0.0786 | 0.7792 |
| *PrevMI* | 1 | 21.6827 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.54508 | 0.44060 | 1.5305 | 0.2160 | 0.580 | 0.244 | 1.375 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.17003 | 0.39781 | 0.1827 | 0.6691 | 1.185 | 0.544 | 2.585 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.26493 | 0.34049 | 0.6054 | 0.4365 | 1.303 | 0.669 | 2.540 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.09397 | 0.43538 | 0.0466 | 0.8291 | 0.910 | 0.388 | 2.137 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.23253 | 0.34329 | 0.4588 | 0.4982 | 0.793 | 0.404 | 1.553 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.00530 | 0.28105 | 0.0004 | 0.9849 | 0.995 | 0.573 | 1.726 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -1.72832 | 0.75180 | 5.2849 | 0.0215 | 0.178 | 0.041 | 0.775 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.11817 | 0.29496 | 0.1605 | 0.6887 | 0.889 | 0.498 | 1.584 | ARIC FIELD CENTER (CIR) M |
| *age* |  | 1 | 0.07971 | 0.01884 | 17.9023 | <.0001 | 1.083 | 1.044 | 1.124 |  |
| *race* |  | 1 | 1.39796 | 0.67864 | 4.2434 | 0.0394 | 4.047 | 1.070 | 15.303 |  |
| *BMI* |  | 1 | 0.05338 | 0.02713 | 3.8726 | 0.0491 | 1.055 | 1.000 | 1.112 |  |
| *CTG* | *1* | 1 | 0.37281 | 0.81839 | 0.2075 | 0.6487 | 1.452 | 0.292 | 7.220 | CTG 1 |
| *CTG* | *2* | 1 | -0.05293 | 0.78091 | 0.0046 | 0.9460 | 0.948 | 0.205 | 4.383 | CTG 2 |
| *CTG* | *3* | 1 | -1.06347 | 0.82569 | 1.6589 | 0.1978 | 0.345 | 0.068 | 1.742 | CTG 3 |
| *DRNK* | *1* | 1 | -0.07387 | 0.35633 | 0.0430 | 0.8358 | 0.929 | 0.462 | 1.867 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.01738 | 0.35769 | 0.0024 | 0.9612 | 1.018 | 0.505 | 2.051 | DRNK 2 |
| *HTN* |  | 1 | 1.00765 | 0.25508 | 15.6053 | <.0001 | 2.739 | 1.661 | 4.516 |  |
| *ssri* |  | 1 | -0.13179 | 0.24858 | 0.2811 | 0.5960 | 0.877 | 0.538 | 1.427 |  |
| *yr* | *1987* | 1 | 1.43359 | 1.27769 | 1.2589 | 0.2619 | 4.194 | 0.343 | 51.306 | yr 1987 |
| *yr* | *1988* | 1 | 2.15172 | 1.23665 | 3.0275 | 0.0819 | 8.600 | 0.762 | 97.077 | yr 1988 |
| *yr* | *1989* | 1 | 2.43661 | 1.22741 | 3.9409 | 0.0471 | 11.434 | 1.031 | 126.759 | yr 1989 |
| *yr* | *1990* | 1 | 2.65252 | 1.23444 | 4.6172 | 0.0317 | 14.190 | 1.262 | 159.490 | yr 1990 |
| *yr* | *1991* | 1 | 1.68973 | 1.19730 | 1.9917 | 0.1582 | 5.418 | 0.518 | 56.622 | yr 1991 |
| *yr* | *1992* | 1 | 2.20724 | 1.23064 | 3.2169 | 0.0729 | 9.091 | 0.815 | 101.417 | yr 1992 |
| *yr* | *1993* | 1 | 1.92944 | 1.26963 | 2.3094 | 0.1286 | 6.886 | 0.572 | 82.920 | yr 1993 |
| *yr* | *1994* | 1 | 2.55238 | 1.19785 | 4.5403 | 0.0331 | 12.838 | 1.227 | 134.306 | yr 1994 |
| *yr* | *1995* | 1 | 1.89087 | 1.15144 | 2.6968 | 0.1006 | 6.625 | 0.694 | 63.286 | yr 1995 |
| *yr* | *1996* | 1 | 0.71331 | 1.26140 | 0.3198 | 0.5717 | 2.041 | 0.172 | 24.182 | yr 1996 |
| *yr* | *1997* | 1 | 1.12624 | 1.16011 | 0.9424 | 0.3316 | 3.084 | 0.317 | 29.965 | yr 1997 |
| *yr* | *1998* | 1 | 0.35055 | 1.22756 | 0.0815 | 0.7752 | 1.420 | 0.128 | 15.745 | yr 1998 |
| *yr* | *1999* | 1 | -9.04991 | 637.01526 | 0.0002 | 0.9887 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | 0.17515 | 1.25777 | 0.0194 | 0.8892 | 1.191 | 0.101 | 14.018 | yr 2011 |
| *yr* | *2012* | 1 | 1.13722 | 1.06765 | 1.1346 | 0.2868 | 3.118 | 0.385 | 25.274 | yr 2012 |
| *aspirin* |  | 1 | 0.46929 | 0.23628 | 3.9447 | 0.0470 | 1.599 | 1.006 | 2.541 |  |
| *statin* |  | 1 | 0.09467 | 0.33761 | 0.0786 | 0.7792 | 1.099 | 0.567 | 2.131 |  |
| *PrevMI* |  | 1 | 2.20445 | 0.47342 | 21.6827 | <.0001 | 9.065 | 3.584 | 22.927 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1357 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 |  |  |  |
|  | *M* | 0 | 1 |  |  |  |
|  | *W* | 0 | 0 |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 1146 | 196 | 950 | 82.90 |
| *2* | 1 | 211 | 66 | 145 | 68.72 |
| *Total* |  | 1357 | 262 | 1095 | 80.69 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 3092.118 | 3020.165 |
| *AIC* | 3092.118 | 3040.165 |
| *SBC* | 3092.118 | 3075.848 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 71.9532 | 10 | <.0001 |
| *Score* | 73.7530 | 10 | <.0001 |
| *Wald* | 72.1911 | 10 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 12.9611 | 0.0237 |
| *CENTER* | 2 | 1.8556 | 0.3954 |
| *GENDER* | 1 | 8.1665 | 0.0043 |
| *ssri* | 1 | 0.1121 | 0.7378 |
| *age* | 1 | 40.9305 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.25892 | 0.37026 | 0.4890 | 0.4844 | 1.296 | 0.627 | 2.677 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.65045 | 0.30453 | 4.5621 | 0.0327 | 1.916 | 1.055 | 3.481 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.39566 | 0.27739 | 2.0346 | 0.1538 | 1.485 | 0.862 | 2.558 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.09512 | 0.35291 | 0.0727 | 0.7875 | 0.909 | 0.455 | 1.816 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.04289 | 0.28284 | 0.0230 | 0.8795 | 1.044 | 0.600 | 1.817 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.14559 | 0.15626 | 0.8681 | 0.3515 | 0.865 | 0.636 | 1.174 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *M* | 1 | 0.05693 | 0.15881 | 0.1285 | 0.7200 | 1.059 | 0.775 | 1.445 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.38134 | 0.13344 | 8.1665 | 0.0043 | 0.683 | 0.526 | 0.887 | SEX (from FTRA22) F |
| *ssri* |  | 1 | 0.04479 | 0.13379 | 0.1121 | 0.7378 | 1.046 | 0.805 | 1.359 |  |
| *age* |  | 1 | 0.05534 | 0.00865 | 40.9305 | <.0001 | 1.057 | 1.039 | 1.075 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 353 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 |  |  |  |  |
|  | *J* | 0 |  |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 217 | 44 | 173 | 79.72 |
| *2* | 1 | 136 | 54 | 82 | 60.29 |
| *Total* |  | 353 | 98 | 255 | 72.24 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 872.654 | 851.022 |
| *AIC* | 872.654 | 869.022 |
| *SBC* | 872.654 | 892.286 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 21.6327 | 9 | 0.0101 |
| *Score* | 22.2376 | 9 | 0.0082 |
| *Wald* | 21.9850 | 9 | 0.0089 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.6005 | 0.3471 |
| *CENTER* | 1 | 0.4873 | 0.4851 |
| *GENDER* | 1 | 0.3146 | 0.5749 |
| *ssri* | 1 | 3.1174 | 0.0775 |
| *age* | 1 | 16.4406 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.19465 | 0.39305 | 0.2453 | 0.6204 | 1.215 | 0.562 | 2.625 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.72824 | 0.37908 | 3.6905 | 0.0547 | 2.071 | 0.985 | 4.355 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.34609 | 0.39753 | 0.7579 | 0.3840 | 1.414 | 0.649 | 3.081 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.09669 | 0.52101 | 0.0344 | 0.8528 | 1.102 | 0.397 | 3.058 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.35526 | 0.41375 | 0.7373 | 0.3905 | 1.427 | 0.634 | 3.210 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.23656 | 0.33888 | 0.4873 | 0.4851 | 1.267 | 0.652 | 2.461 | ARIC FIELD CENTER (CIR) F |
| *GENDER* | *F* | 1 | -0.14041 | 0.25036 | 0.3146 | 0.5749 | 0.869 | 0.532 | 1.419 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.46397 | 0.26278 | 3.1174 | 0.0775 | 0.629 | 0.376 | 1.052 |  |
| *age* |  | 1 | 0.05599 | 0.01381 | 16.4406 | <.0001 | 1.058 | 1.029 | 1.087 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1356 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 1145 | 196 | 949 | 82.88 |
| *2* | 1 | 211 | 66 | 145 | 68.72 |
| *Total* |  | 1356 | 262 | 1094 | 80.68 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 3091.234 | 2867.427 |
| *AIC* | 3091.234 | 2937.427 |
| *SBC* | 3091.234 | 3062.319 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 223.8066 | 35 | <.0001 |
| *Score* | 267.5225 | 35 | <.0001 |
| *Wald* | 223.2993 | 35 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 7.7060 | 0.1732 |
| *CENTER* | 2 | 2.6962 | 0.2597 |
| *age* | 1 | 53.8730 | <.0001 |
| *GENDER* | 1 | 2.8536 | 0.0912 |
| *BMI* | 1 | 15.5510 | <.0001 |
| *CTG* | 3 | 45.3350 | <.0001 |
| *DRNK* | 2 | 0.7810 | 0.6767 |
| *HTN* | 1 | 24.6525 | <.0001 |
| *ssri* | 1 | 0.3209 | 0.5711 |
| *yr* | 15 | 34.7103 | 0.0027 |
| *aspirin* | 1 | 3.0906 | 0.0787 |
| *statin* | 1 | 0.0003 | 0.9852 |
| *PrevMI* | 1 | 44.7275 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.00924 | 0.37876 | 0.0006 | 0.9805 | 1.009 | 0.480 | 2.120 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.23006 | 0.31743 | 0.5253 | 0.4686 | 1.259 | 0.676 | 2.345 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.36417 | 0.28240 | 1.6629 | 0.1972 | 1.439 | 0.828 | 2.503 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.23133 | 0.36317 | 0.4057 | 0.5241 | 0.793 | 0.389 | 1.617 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.07026 | 0.29032 | 0.0586 | 0.8088 | 1.073 | 0.607 | 1.895 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.26949 | 0.16423 | 2.6928 | 0.1008 | 0.764 | 0.554 | 1.054 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *M* | 1 | -0.12565 | 0.16688 | 0.5669 | 0.4515 | 0.882 | 0.636 | 1.223 | ARIC FIELD CENTER (CIR) M |
| *age* |  | 1 | 0.08639 | 0.01177 | 53.8730 | <.0001 | 1.090 | 1.065 | 1.116 |  |
| *GENDER* | *F* | 1 | -0.24237 | 0.14348 | 2.8536 | 0.0912 | 0.785 | 0.592 | 1.040 | SEX (from FTRA22) F |
| *BMI* |  | 1 | 0.05017 | 0.01272 | 15.5510 | <.0001 | 1.051 | 1.026 | 1.078 |  |
| *CTG* | *1* | 1 | 1.06005 | 0.75217 | 1.9862 | 0.1587 | 2.887 | 0.661 | 12.607 | CTG 1 |
| *CTG* | *2* | 1 | 0.57532 | 0.74217 | 0.6009 | 0.4382 | 1.778 | 0.415 | 7.614 | CTG 2 |
| *CTG* | *3* | 1 | -0.18465 | 0.74991 | 0.0606 | 0.8055 | 0.831 | 0.191 | 3.615 | CTG 3 |
| *DRNK* | *1* | 1 | -0.09129 | 0.19198 | 0.2261 | 0.6344 | 0.913 | 0.627 | 1.330 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.03778 | 0.19800 | 0.0364 | 0.8487 | 1.039 | 0.704 | 1.531 | DRNK 2 |
| *HTN* |  | 1 | 0.70232 | 0.14145 | 24.6525 | <.0001 | 2.018 | 1.530 | 2.663 |  |
| *ssri* |  | 1 | 0.08528 | 0.15055 | 0.3209 | 0.5711 | 1.089 | 0.811 | 1.463 |  |
| *yr* | *1986* | 0 | 0 | . | . | . | . | . | . | yr 1986 |
| *yr* | *1987* | 1 | 0.20765 | 0.65912 | 0.0992 | 0.7527 | 1.231 | 0.338 | 4.479 | yr 1987 |
| *yr* | *1988* | 1 | 0.62745 | 0.62086 | 1.0213 | 0.3122 | 1.873 | 0.555 | 6.324 | yr 1988 |
| *yr* | *1989* | 1 | 0.86314 | 0.60729 | 2.0201 | 0.1552 | 2.371 | 0.721 | 7.794 | yr 1989 |
| *yr* | *1990* | 1 | 1.15634 | 0.61236 | 3.5658 | 0.0590 | 3.178 | 0.957 | 10.554 | yr 1990 |
| *yr* | *1991* | 1 | 0.33150 | 0.61895 | 0.2869 | 0.5922 | 1.393 | 0.414 | 4.686 | yr 1991 |
| *yr* | *1992* | 1 | 0.98687 | 0.61036 | 2.6142 | 0.1059 | 2.683 | 0.811 | 8.874 | yr 1992 |
| *yr* | *1993* | 1 | 0.55224 | 0.63197 | 0.7636 | 0.3822 | 1.737 | 0.503 | 5.995 | yr 1993 |
| *yr* | *1994* | 1 | 1.02193 | 0.59038 | 2.9963 | 0.0835 | 2.779 | 0.874 | 8.838 | yr 1994 |
| *yr* | *1995* | 1 | 0.49316 | 0.57426 | 0.7375 | 0.3905 | 1.637 | 0.531 | 5.046 | yr 1995 |
| *yr* | *1996* | 1 | 0.41975 | 0.57017 | 0.5420 | 0.4616 | 1.522 | 0.498 | 4.652 | yr 1996 |
| *yr* | *1997* | 1 | -0.15293 | 0.58417 | 0.0685 | 0.7935 | 0.858 | 0.273 | 2.697 | yr 1997 |
| *yr* | *1998* | 1 | -0.23228 | 0.59695 | 0.1514 | 0.6972 | 0.793 | 0.246 | 2.554 | yr 1998 |
| *yr* | *1999* | 1 | -10.21647 | 370.52321 | 0.0008 | 0.9780 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.66748 | 0.57481 | 1.3484 | 0.2456 | 0.513 | 0.166 | 1.583 | yr 2011 |
| *yr* | *2012* | 1 | -0.44228 | 0.52376 | 0.7131 | 0.3984 | 0.643 | 0.230 | 1.794 | yr 2012 |
| *aspirin* |  | 1 | 0.24783 | 0.14097 | 3.0906 | 0.0787 | 1.281 | 0.972 | 1.689 |  |
| *statin* |  | 1 | 0.00389 | 0.20950 | 0.0003 | 0.9852 | 1.004 | 0.666 | 1.514 |  |
| *PrevMI* |  | 1 | 2.53178 | 0.37856 | 44.7275 | <.0001 | 12.576 | 5.988 | 26.410 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_HF |  |
| *Censoring Variable* | C7\_INCHF16 | Incident HF (from discharge codes) |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 353 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *DM1* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 217 | 44 | 173 | 79.72 |
| *2* | 1 | 136 | 54 | 82 | 60.29 |
| *Total* |  | 353 | 98 | 255 | 72.24 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 872.654 | 801.470 |
| *AIC* | 872.654 | 867.470 |
| *SBC* | 872.654 | 952.774 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 71.1843 | 33 | 0.0001 |
| *Score* | 103.3151 | 33 | <.0001 |
| *Wald* | 73.9383 | 33 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.9310 | 0.1118 |
| *CENTER* | 1 | 1.3482 | 0.2456 |
| *age* | 1 | 10.6149 | 0.0011 |
| *GENDER* | 1 | 0.9265 | 0.3358 |
| *BMI* | 1 | 2.3450 | 0.1257 |
| *CTG* | 3 | 12.5971 | 0.0056 |
| *DRNK* | 2 | 1.1745 | 0.5559 |
| *HTN* | 1 | 2.9924 | 0.0837 |
| *ssri* | 1 | 3.6666 | 0.0555 |
| *yr* | 14 | 17.6772 | 0.2219 |
| *aspirin* | 1 | 0.9369 | 0.3331 |
| *statin* | 1 | 0.0715 | 0.7892 |
| *PrevMI* | 1 | 23.0238 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.27376 | 0.44551 | 0.3776 | 0.5389 | 0.761 | 0.318 | 1.821 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.46342 | 0.42172 | 1.2075 | 0.2718 | 1.589 | 0.695 | 3.633 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.38241 | 0.42758 | 0.7999 | 0.3711 | 1.466 | 0.634 | 3.389 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.68345 | 0.60163 | 1.2905 | 0.2560 | 0.505 | 0.155 | 1.642 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.33658 | 0.43205 | 0.6069 | 0.4360 | 1.400 | 0.600 | 3.265 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.41757 | 0.35963 | 1.3482 | 0.2456 | 1.518 | 0.750 | 3.072 | ARIC FIELD CENTER (CIR) F |
| *age* |  | 1 | 0.07060 | 0.02167 | 10.6149 | 0.0011 | 1.073 | 1.029 | 1.120 |  |
| *GENDER* | *F* | 1 | -0.31226 | 0.32441 | 0.9265 | 0.3358 | 0.732 | 0.387 | 1.382 | SEX (from FTRA22) F |
| *BMI* |  | 1 | 0.03139 | 0.02050 | 2.3450 | 0.1257 | 1.032 | 0.991 | 1.074 |  |
| *CTG* | *1* | 1 | -0.02965 | 0.86791 | 0.0012 | 0.9728 | 0.971 | 0.177 | 5.320 | CTG 1 |
| *CTG* | *2* | 1 | -0.96530 | 0.83975 | 1.3214 | 0.2503 | 0.381 | 0.073 | 1.975 | CTG 2 |
| *CTG* | *3* | 1 | -1.17159 | 0.83663 | 1.9610 | 0.1614 | 0.310 | 0.060 | 1.597 | CTG 3 |
| *DRNK* | *1* | 1 | -0.31040 | 0.34027 | 0.8322 | 0.3616 | 0.733 | 0.376 | 1.428 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.24695 | 0.27519 | 0.8053 | 0.3695 | 0.781 | 0.456 | 1.340 | DRNK 2 |
| *HTN* |  | 1 | 0.54821 | 0.31691 | 2.9924 | 0.0837 | 1.730 | 0.930 | 3.220 |  |
| *ssri* |  | 1 | -0.57078 | 0.29808 | 3.6666 | 0.0555 | 0.565 | 0.315 | 1.014 |  |
| *yr* | *1987* | 1 | 1.12948 | 1.34697 | 0.7031 | 0.4017 | 3.094 | 0.221 | 43.358 | yr 1987 |
| *yr* | *1988* | 1 | 1.66641 | 1.27987 | 1.6952 | 0.1929 | 5.293 | 0.431 | 65.034 | yr 1988 |
| *yr* | *1989* | 1 | 1.33239 | 1.28415 | 1.0765 | 0.2995 | 3.790 | 0.306 | 46.959 | yr 1989 |
| *yr* | *1990* | 1 | 1.79788 | 1.27219 | 1.9972 | 0.1576 | 6.037 | 0.499 | 73.064 | yr 1990 |
| *yr* | *1991* | 1 | 0.08922 | 1.34979 | 0.0044 | 0.9473 | 1.093 | 0.078 | 15.406 | yr 1991 |
| *yr* | *1992* | 1 | 2.21595 | 1.25583 | 3.1135 | 0.0776 | 9.170 | 0.782 | 107.483 | yr 1992 |
| *yr* | *1993* | 1 | 1.87503 | 1.25662 | 2.2264 | 0.1357 | 6.521 | 0.555 | 76.551 | yr 1993 |
| *yr* | *1994* | 1 | 1.64123 | 1.27994 | 1.6442 | 0.1997 | 5.162 | 0.420 | 63.426 | yr 1994 |
| *yr* | *1995* | 1 | 1.43015 | 1.23069 | 1.3504 | 0.2452 | 4.179 | 0.375 | 46.631 | yr 1995 |
| *yr* | *1996* | 1 | 1.34815 | 1.25490 | 1.1541 | 0.2827 | 3.850 | 0.329 | 45.047 | yr 1996 |
| *yr* | *1997* | 1 | 0.70539 | 1.30926 | 0.2903 | 0.5900 | 2.025 | 0.156 | 26.351 | yr 1997 |
| *yr* | *1998* | 1 | 1.17320 | 1.21576 | 0.9312 | 0.3345 | 3.232 | 0.298 | 35.024 | yr 1998 |
| *yr* | *2011* | 1 | 0.01275 | 1.35275 | 0.0001 | 0.9925 | 1.013 | 0.071 | 14.355 | yr 2011 |
| *yr* | *2012* | 1 | 1.24512 | 1.08072 | 1.3274 | 0.2493 | 3.473 | 0.418 | 28.884 | yr 2012 |
| *aspirin* |  | 1 | 0.23224 | 0.23993 | 0.9369 | 0.3331 | 1.261 | 0.788 | 2.019 |  |
| *statin* |  | 1 | -0.12559 | 0.46976 | 0.0715 | 0.7892 | 0.882 | 0.351 | 2.215 |  |
| *PrevMI* |  | 1 | 3.47316 | 0.72383 | 23.0238 | <.0001 | 32.239 | 7.803 | 133.199 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | BRESLOW |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1887 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1887 | 198 | 1689 | 89.51 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2760.916 | 2636.511 |
| *AIC* | 2760.916 | 2708.511 |
| *SBC* | 2760.916 | 2826.889 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 124.4048 | 36 | <.0001 |
| *Score* | 133.7490 | 36 | <.0001 |
| *Wald* | 128.3638 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 6.4651 | 0.2636 |
| *CENTER* | 3 | 0.6307 | 0.8894 |
| *GENDER* | 1 | 7.0764 | 0.0078 |
| *age* | 1 | 21.4234 | <.0001 |
| *race* | 1 | 0.1300 | 0.7184 |
| *BMI* | 1 | 0.3210 | 0.5710 |
| *CTG* | 3 | 28.6616 | <.0001 |
| *DRNK* | 2 | 6.0916 | 0.0476 |
| *HTN* | 1 | 7.0213 | 0.0081 |
| *ssri* | 1 | 0.2660 | 0.6061 |
| *DM1* | 1 | 24.5301 | <.0001 |
| *yr* | 16 | 12.6919 | 0.6951 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *Label* |
| *ELEVEL01* | *1* | 1 | -0.08331 | 0.35908 | 0.0538 | 0.8165 | 0.920 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.07736 | 0.32307 | 0.0573 | 0.8107 | 1.080 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.03127 | 0.29821 | 0.0110 | 0.9165 | 1.032 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.44420 | 0.41379 | 1.1524 | 0.2830 | 0.641 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.32769 | 0.29627 | 1.2233 | 0.2687 | 1.388 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.02717 | 0.20885 | 0.0169 | 0.8965 | 0.973 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.07079 | 0.56981 | 0.0154 | 0.9011 | 0.932 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.12769 | 0.21586 | 0.3499 | 0.5542 | 1.136 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.42949 | 0.16145 | 7.0764 | 0.0078 | 0.651 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.06048 | 0.01307 | 21.4234 | <.0001 | 1.062 |  |
| *race* |  | 1 | -0.19271 | 0.53451 | 0.1300 | 0.7184 | 0.825 |  |
| *BMI* |  | 1 | 0.00772 | 0.01363 | 0.3210 | 0.5710 | 1.008 |  |
| *CTG* | *1* | 1 | -0.30802 | 0.59071 | 0.2719 | 0.6021 | 0.735 | CTG 1 |
| *CTG* | *2* | 1 | -0.96409 | 0.57549 | 2.8065 | 0.0939 | 0.381 | CTG 2 |
| *CTG* | *3* | 1 | -1.31673 | 0.58134 | 5.1302 | 0.0235 | 0.268 | CTG 3 |
| *DRNK* | *1* | 1 | -0.34777 | 0.21213 | 2.6876 | 0.1011 | 0.706 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.07639 | 0.20089 | 0.1446 | 0.7038 | 1.079 | DRNK 2 |
| *HTN* |  | 1 | 0.43736 | 0.16506 | 7.0213 | 0.0081 | 1.549 |  |
| *ssri* |  | 1 | -0.08964 | 0.17382 | 0.2660 | 0.6061 | 0.914 |  |
| *DM1* |  | 1 | 0.83551 | 0.16869 | 24.5301 | <.0001 | 2.306 |  |
| *yr* | *1986* | 1 | -9.90412 | 441.45571 | 0.0005 | 0.9821 | 0.000 | yr 1986 |
| *yr* | *1987* | 1 | 1.61147 | 0.85549 | 3.5483 | 0.0596 | 5.010 | yr 1987 |
| *yr* | *1988* | 1 | 1.24558 | 0.85294 | 2.1326 | 0.1442 | 3.475 | yr 1988 |
| *yr* | *1989* | 1 | 1.51816 | 0.83748 | 3.2861 | 0.0699 | 4.564 | yr 1989 |
| *yr* | *1990* | 1 | 0.85519 | 0.88829 | 0.9269 | 0.3357 | 2.352 | yr 1990 |
| *yr* | *1991* | 1 | 1.31286 | 0.84543 | 2.4115 | 0.1204 | 3.717 | yr 1991 |
| *yr* | *1992* | 1 | 1.27490 | 0.85150 | 2.2417 | 0.1343 | 3.578 | yr 1992 |
| *yr* | *1993* | 1 | 1.33578 | 0.84939 | 2.4732 | 0.1158 | 3.803 | yr 1993 |
| *yr* | *1994* | 1 | 1.40514 | 0.83888 | 2.8057 | 0.0939 | 4.076 | yr 1994 |
| *yr* | *1995* | 1 | 1.37412 | 0.81713 | 2.8279 | 0.0926 | 3.952 | yr 1995 |
| *yr* | *1996* | 1 | 1.46580 | 0.82055 | 3.1911 | 0.0740 | 4.331 | yr 1996 |
| *yr* | *1997* | 1 | 0.81728 | 0.84722 | 0.9306 | 0.3347 | 2.264 | yr 1997 |
| *yr* | *1998* | 1 | 1.19080 | 0.82869 | 2.0648 | 0.1507 | 3.290 | yr 1998 |
| *yr* | *1999* | 1 | -9.48534 | 782.22832 | 0.0001 | 0.9903 | 0.000 | yr 1999 |
| *yr* | *2011* | 1 | 0.47085 | 0.83683 | 0.3166 | 0.5737 | 1.601 | yr 2011 |
| *yr* | *2012* | 1 | 0.34292 | 0.78735 | 0.1897 | 0.6632 | 1.409 | yr 2012 |

|  |  |
| --- | --- |
| *1 With Variables:* | timerank |
| *12 Variables:* | relevel01 rcenter rGender rage rrace rBMI rCTG rDRNK rHTN rssri rdm1 ryr |

| *Pearson Correlation Coefficients, N = 198 Prob > |r| under H0: Rho=0* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *relevel01* | *rcenter* | *rGender* | *rage* | *rrace* | *rBMI* |
| *timerank* Rank for Variable stime\_MI | 0.05973 0.4032 | 0.01498 0.8340 | -0.01064 0.8817 | 0.01468 0.8373 | -0.02376 0.7397 | 0.01070 0.8810 |

| *Pearson Correlation Coefficients, N = 198 Prob > |r| under H0: Rho=0* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | *rCTG* | *rDRNK* | *rHTN* | *rssri* | *rdm1* | *ryr* |
| *timerank* Rank for Variable stime\_MI | -0.09146 0.2000 | -0.00975 0.8915 | 0.00226 0.9748 | -0.02849 0.6903 | -0.10592 0.1375 | -0.04370 0.5410 |

| *Analysis Variable : stime\_MI* |
| --- |
| *Median* |
| 5446.00 |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1935 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1935 | 198 | 1737 | 89.77 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2763.976 | 2723.916 |
| *AIC* | 2763.976 | 2747.916 |
| *SBC* | 2763.976 | 2787.375 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 40.0595 | 12 | <.0001 |
| *Score* | 41.3644 | 12 | <.0001 |
| *Wald* | 40.5715 | 12 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.7385 | 0.3325 |
| *CENTER* | 3 | 0.1878 | 0.9795 |
| *race* | 1 | 0.0752 | 0.7839 |
| *GENDER* | 1 | 11.9925 | 0.0005 |
| *ssri* | 1 | 1.7648 | 0.1840 |
| *age* | 1 | 20.4393 | <.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.41939 | 0.34767 | 1.4551 | 0.2277 | 1.521 | 0.769 | 3.007 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.43201 | 0.31642 | 1.8641 | 0.1722 | 1.540 | 0.828 | 2.864 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.22510 | 0.29367 | 0.5875 | 0.4434 | 1.252 | 0.704 | 2.227 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.24946 | 0.40962 | 0.3709 | 0.5425 | 0.779 | 0.349 | 1.739 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.37064 | 0.29283 | 1.6020 | 0.2056 | 1.449 | 0.816 | 2.572 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.00179 | 0.20309 | 0.0001 | 0.9930 | 1.002 | 0.673 | 1.492 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.08551 | 0.56230 | 0.0231 | 0.8791 | 0.918 | 0.305 | 2.764 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.07109 | 0.20894 | 0.1158 | 0.7337 | 1.074 | 0.713 | 1.617 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.14247 | 0.51960 | 0.0752 | 0.7839 | 1.153 | 0.416 | 3.193 |  |
| *GENDER* | *F* | 1 | -0.52733 | 0.15227 | 11.9925 | 0.0005 | 0.590 | 0.438 | 0.795 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.20978 | 0.15791 | 1.7648 | 0.1840 | 0.811 | 0.595 | 1.105 |  |
| *age* |  | 1 | 0.04257 | 0.00942 | 20.4393 | <.0001 | 1.043 | 1.024 | 1.063 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1563 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1563 | 149 | 1414 | 90.47 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2015.746 | 1906.774 |
| *AIC* | 2015.746 | 1984.774 |
| *SBC* | 2015.746 | 2101.927 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 108.9726 | 39 | <.0001 |
| *Score* | 114.6993 | 39 | <.0001 |
| *Wald* | 110.9640 | 39 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.2116 | 0.5194 |
| *GENDER* | 1 | 2.8319 | 0.0924 |
| *age* | 1 | 25.7508 | <.0001 |
| *race* | 1 | 0.0786 | 0.7792 |
| *BMI* | 1 | 0.0598 | 0.8068 |
| *CTG* | 3 | 21.7903 | <.0001 |
| *DRNK* | 2 | 6.2538 | 0.0439 |
| *HTN* | 1 | 3.6548 | 0.0559 |
| *ssri* | 1 | 0.1099 | 0.7403 |
| *DM1* | 1 | 4.9639 | 0.0259 |
| *yr* | 16 | 13.7971 | 0.6138 |
| *HDL* | 1 | 5.1879 | 0.0227 |
| *LDL* | 1 | 0.2745 | 0.6003 |
| *DADHISTORYCHD* | 1 | 0.1050 | 0.7459 |
| *MOMHISTORYCHD* | 1 | 0.5127 | 0.4740 |
| *statin* | 1 | 0.9497 | 0.3298 |
| *aspirin* | 1 | 1.2687 | 0.2600 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.03921 | 0.41159 | 0.0091 | 0.9241 | 0.962 | 0.429 | 2.154 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.10285 | 0.35810 | 0.0825 | 0.7739 | 1.108 | 0.549 | 2.236 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | -0.05246 | 0.32643 | 0.0258 | 0.8723 | 0.949 | 0.500 | 1.799 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.42412 | 0.44033 | 0.9277 | 0.3355 | 0.654 | 0.276 | 1.551 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.24606 | 0.32317 | 0.5797 | 0.4464 | 1.279 | 0.679 | 2.410 | EDUCATION LEVEL, DEFINITION 1 5 |
| *GENDER* | *F* | 1 | -0.33787 | 0.20078 | 2.8319 | 0.0924 | 0.713 | 0.481 | 1.057 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.07838 | 0.01545 | 25.7508 | <.0001 | 1.082 | 1.049 | 1.115 |  |
| *race* |  | 1 | -0.06954 | 0.24803 | 0.0786 | 0.7792 | 0.933 | 0.574 | 1.517 |  |
| *BMI* |  | 1 | 0.00400 | 0.01635 | 0.0598 | 0.8068 | 1.004 | 0.972 | 1.037 |  |
| *CTG* | *1* | 1 | -0.27011 | 0.69207 | 0.1523 | 0.6963 | 0.763 | 0.197 | 2.963 | CTG 1 |
| *CTG* | *2* | 1 | -1.03416 | 0.67618 | 2.3391 | 0.1262 | 0.356 | 0.094 | 1.338 | CTG 2 |
| *CTG* | *3* | 1 | -1.22650 | 0.68313 | 3.2235 | 0.0726 | 0.293 | 0.077 | 1.119 | CTG 3 |
| *DRNK* | *1* | 1 | 0.06751 | 0.25251 | 0.0715 | 0.7892 | 1.070 | 0.652 | 1.755 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.48600 | 0.24611 | 3.8994 | 0.0483 | 1.626 | 1.004 | 2.634 | DRNK 2 |
| *HTN* |  | 1 | 0.35997 | 0.18829 | 3.6548 | 0.0559 | 1.433 | 0.991 | 2.073 |  |
| *ssri* |  | 1 | 0.06717 | 0.20261 | 0.1099 | 0.7403 | 1.069 | 0.719 | 1.591 |  |
| *DM1* |  | 1 | 0.47956 | 0.21524 | 4.9639 | 0.0259 | 1.615 | 1.059 | 2.463 |  |
| *yr* | *1986* | 1 | -9.84320 | 541.53659 | 0.0003 | 0.9855 | 0.000 | 0.000 | . | yr 1986 |
| *yr* | *1987* | 1 | 1.65744 | 0.92992 | 3.1768 | 0.0747 | 5.246 | 0.848 | 32.461 | yr 1987 |
| *yr* | *1988* | 1 | 1.24227 | 0.92353 | 1.8094 | 0.1786 | 3.463 | 0.567 | 21.165 | yr 1988 |
| *yr* | *1989* | 1 | 1.49265 | 0.91748 | 2.6468 | 0.1038 | 4.449 | 0.737 | 26.867 | yr 1989 |
| *yr* | *1990* | 1 | 0.90617 | 0.96348 | 0.8846 | 0.3469 | 2.475 | 0.374 | 16.355 | yr 1990 |
| *yr* | *1991* | 1 | 1.21115 | 0.91848 | 1.7388 | 0.1873 | 3.357 | 0.555 | 20.315 | yr 1991 |
| *yr* | *1992* | 1 | 1.45552 | 0.91494 | 2.5307 | 0.1116 | 4.287 | 0.713 | 25.759 | yr 1992 |
| *yr* | *1993* | 1 | 0.65582 | 0.96479 | 0.4621 | 0.4967 | 1.927 | 0.291 | 12.766 | yr 1993 |
| *yr* | *1994* | 1 | 1.33580 | 0.90569 | 2.1753 | 0.1402 | 3.803 | 0.644 | 22.441 | yr 1994 |
| *yr* | *1995* | 1 | 1.23735 | 0.88509 | 1.9544 | 0.1621 | 3.446 | 0.608 | 19.533 | yr 1995 |
| *yr* | *1996* | 1 | 1.22289 | 0.88094 | 1.9270 | 0.1651 | 3.397 | 0.604 | 19.097 | yr 1996 |
| *yr* | *1997* | 1 | 0.53071 | 0.92397 | 0.3299 | 0.5657 | 1.700 | 0.278 | 10.398 | yr 1997 |
| *yr* | *1998* | 1 | 0.71755 | 0.90852 | 0.6238 | 0.4296 | 2.049 | 0.345 | 12.161 | yr 1998 |
| *yr* | *1999* | 1 | -9.71007 | 880.18422 | 0.0001 | 0.9912 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | 0.31922 | 0.86910 | 0.1349 | 0.7134 | 1.376 | 0.251 | 7.558 | yr 2011 |
| *yr* | *2012* | 1 | -0.12157 | 0.83953 | 0.0210 | 0.8849 | 0.886 | 0.171 | 4.590 | yr 2012 |
| *HDL* |  | 1 | -0.56563 | 0.24834 | 5.1879 | 0.0227 | 0.568 | 0.349 | 0.924 |  |
| *LDL* |  | 1 | 0.04370 | 0.08339 | 0.2745 | 0.6003 | 1.045 | 0.887 | 1.230 |  |
| *DADHISTORYCHD* |  | 1 | -0.05760 | 0.17773 | 0.1050 | 0.7459 | 0.944 | 0.666 | 1.337 | New Paternal History of CHD |
| *MOMHISTORYCHD* |  | 1 | -0.15678 | 0.21896 | 0.5127 | 0.4740 | 0.855 | 0.557 | 1.313 | New Maternal History of CHD |
| *statin* |  | 1 | -0.32678 | 0.33532 | 0.9497 | 0.3298 | 0.721 | 0.374 | 1.392 |  |
| *aspirin* |  | 1 | 0.20228 | 0.17959 | 1.2687 | 0.2600 | 1.224 | 0.861 | 1.741 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1392 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1392 | 128 | 1264 | 90.80 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1703.951 | 1678.659 |
| *AIC* | 1703.951 | 1700.659 |
| *SBC* | 1703.951 | 1732.031 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 25.2921 | 11 | 0.0083 |
| *Score* | 24.9913 | 11 | 0.0091 |
| *Wald* | 24.1773 | 11 | 0.0120 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.0010 | 0.1562 |
| *CENTER* | 3 | 0.3249 | 0.9553 |
| *race* | 1 | 0.1589 | 0.6901 |
| *ssri* | 1 | 0.9386 | 0.3326 |
| *age* | 1 | 14.5254 | 0.0001 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 1.15688 | 0.56865 | 4.1390 | 0.0419 | 3.180 | 1.043 | 9.693 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.22595 | 0.53767 | 5.1988 | 0.0226 | 3.407 | 1.188 | 9.774 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.77681 | 0.52814 | 2.1634 | 0.1413 | 2.175 | 0.772 | 6.122 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.59753 | 0.61551 | 0.9424 | 0.3317 | 1.818 | 0.544 | 6.073 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.93333 | 0.53580 | 3.0343 | 0.0815 | 2.543 | 0.890 | 7.268 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.07105 | 0.24885 | 0.0815 | 0.7753 | 0.931 | 0.572 | 1.517 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.22417 | 0.77136 | 0.0845 | 0.7713 | 1.251 | 0.276 | 5.675 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.10352 | 0.26119 | 0.1571 | 0.6918 | 0.902 | 0.540 | 1.504 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | -0.29168 | 0.73166 | 0.1589 | 0.6901 | 0.747 | 0.178 | 3.134 |  |
| *ssri* |  | 1 | -0.18867 | 0.19475 | 0.9386 | 0.3326 | 0.828 | 0.565 | 1.213 |  |
| *age* |  | 1 | 0.04553 | 0.01195 | 14.5254 | 0.0001 | 1.047 | 1.022 | 1.071 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 543 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 543 | 70 | 473 | 87.11 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 793.318 | 778.925 |
| *AIC* | 793.318 | 800.925 |
| *SBC* | 793.318 | 825.658 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 14.3938 | 11 | 0.2120 |
| *Score* | 13.3909 | 11 | 0.2685 |
| *Wald* | 12.8404 | 11 | 0.3039 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.0489 | 0.5424 |
| *CENTER* | 3 | 1.5873 | 0.6623 |
| *race* | 1 | 0.9549 | 0.3285 |
| *ssri* | 1 | 1.6075 | 0.2049 |
| *age* | 1 | 5.4947 | 0.0191 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.20800 | 0.53513 | 0.1511 | 0.6975 | 0.812 | 0.285 | 2.318 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | -0.49054 | 0.52133 | 0.8854 | 0.3467 | 0.612 | 0.220 | 1.701 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | -0.04715 | 0.39314 | 0.0144 | 0.9045 | 0.954 | 0.441 | 2.061 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -1.23446 | 0.77042 | 2.5674 | 0.1091 | 0.291 | 0.064 | 1.317 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.03795 | 0.36394 | 0.0109 | 0.9170 | 1.039 | 0.509 | 2.120 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.10983 | 0.36096 | 0.0926 | 0.7609 | 1.116 | 0.550 | 2.264 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.46790 | 0.87976 | 0.2829 | 0.5948 | 0.626 | 0.112 | 3.513 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.34503 | 0.36430 | 0.8970 | 0.3436 | 1.412 | 0.691 | 2.884 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.73450 | 0.75164 | 0.9549 | 0.3285 | 2.084 | 0.478 | 9.095 |  |
| *ssri* |  | 1 | -0.34724 | 0.27388 | 1.6075 | 0.2049 | 0.707 | 0.413 | 1.209 |  |
| *age* |  | 1 | 0.03701 | 0.01579 | 5.4947 | 0.0191 | 1.038 | 1.006 | 1.070 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1296 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1296 | 112 | 1184 | 91.36 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1479.574 | 1399.249 |
| *AIC* | 1479.574 | 1471.249 |
| *SBC* | 1479.574 | 1569.115 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 80.3250 | 36 | <.0001 |
| *Score* | 83.1459 | 36 | <.0001 |
| *Wald* | 76.2642 | 36 | 0.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.5498 | 0.3525 |
| *age* | 1 | 14.4213 | 0.0001 |
| *race* | 1 | 0.4812 | 0.4879 |
| *BMI* | 1 | 0.7755 | 0.3785 |
| *CTG* | 3 | 19.7973 | 0.0002 |
| *DRNK* | 2 | 3.8318 | 0.1472 |
| *HTN* | 1 | 1.7578 | 0.1849 |
| *ssri* | 1 | 0.0457 | 0.8307 |
| *DM1* | 1 | 11.5334 | 0.0007 |
| *yr* | 16 | 10.6166 | 0.8325 |
| *LDL* | 1 | 0.9780 | 0.3227 |
| *HDL* | 1 | 0.7657 | 0.3816 |
| *aspirin* | 1 | 0.2666 | 0.6056 |
| *statin* | 1 | 2.9545 | 0.0856 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.74811 | 0.60204 | 1.5441 | 0.2140 | 2.113 | 0.649 | 6.876 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.03426 | 0.55542 | 3.4676 | 0.0626 | 2.813 | 0.947 | 8.355 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.66951 | 0.53966 | 1.5391 | 0.2148 | 1.953 | 0.678 | 5.625 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.51689 | 0.62400 | 0.6862 | 0.4075 | 1.677 | 0.494 | 5.697 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.96431 | 0.54846 | 3.0913 | 0.0787 | 2.623 | 0.895 | 7.685 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.06832 | 0.01799 | 14.4213 | 0.0001 | 1.071 | 1.034 | 1.109 |  |
| *race* |  | 1 | -0.18830 | 0.27145 | 0.4812 | 0.4879 | 0.828 | 0.487 | 1.410 |  |
| *BMI* |  | 1 | -0.01624 | 0.01844 | 0.7755 | 0.3785 | 0.984 | 0.949 | 1.020 |  |
| *CTG* | *1* | 1 | 0.28776 | 0.81546 | 0.1245 | 0.7242 | 1.333 | 0.270 | 6.593 | CTG 1 |
| *CTG* | *2* | 1 | -0.71465 | 0.80532 | 0.7875 | 0.3749 | 0.489 | 0.101 | 2.372 | CTG 2 |
| *CTG* | *3* | 1 | -0.71634 | 0.79713 | 0.8076 | 0.3688 | 0.489 | 0.102 | 2.330 | CTG 3 |
| *DRNK* | *1* | 1 | -0.0008465 | 0.26816 | 0.0000 | 0.9975 | 0.999 | 0.591 | 1.690 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.39913 | 0.25379 | 2.4733 | 0.1158 | 1.491 | 0.906 | 2.451 | DRNK 2 |
| *HTN* |  | 1 | 0.28153 | 0.21234 | 1.7578 | 0.1849 | 1.325 | 0.874 | 2.009 |  |
| *ssri* |  | 1 | 0.04994 | 0.23363 | 0.0457 | 0.8307 | 1.051 | 0.665 | 1.662 |  |
| *DM1* |  | 1 | 0.82865 | 0.24400 | 11.5334 | 0.0007 | 2.290 | 1.420 | 3.695 |  |
| *yr* | *1986* | 1 | -11.34303 | 525.10958 | 0.0005 | 0.9828 | 0.000 | 0.000 | . | yr 1986 |
| *yr* | *1987* | 1 | 0.57356 | 0.96747 | 0.3515 | 0.5533 | 1.775 | 0.266 | 11.820 | yr 1987 |
| *yr* | *1988* | 1 | 0.27932 | 0.94955 | 0.0865 | 0.7686 | 1.322 | 0.206 | 8.503 | yr 1988 |
| *yr* | *1989* | 1 | 0.28418 | 0.94078 | 0.0912 | 0.7626 | 1.329 | 0.210 | 8.399 | yr 1989 |
| *yr* | *1990* | 1 | -0.61846 | 1.05272 | 0.3451 | 0.5569 | 0.539 | 0.068 | 4.241 | yr 1990 |
| *yr* | *1991* | 1 | 0.17325 | 0.95915 | 0.0326 | 0.8567 | 1.189 | 0.181 | 7.792 | yr 1991 |
| *yr* | *1992* | 1 | 0.15929 | 0.95044 | 0.0281 | 0.8669 | 1.173 | 0.182 | 7.554 | yr 1992 |
| *yr* | *1993* | 1 | 0.33455 | 0.93876 | 0.1270 | 0.7216 | 1.397 | 0.222 | 8.798 | yr 1993 |
| *yr* | *1994* | 1 | 0.02223 | 0.95641 | 0.0005 | 0.9815 | 1.022 | 0.157 | 6.664 | yr 1994 |
| *yr* | *1995* | 1 | -0.05181 | 0.93211 | 0.0031 | 0.9557 | 0.950 | 0.153 | 5.901 | yr 1995 |
| *yr* | *1996* | 1 | 0.67822 | 0.88249 | 0.5906 | 0.4422 | 1.970 | 0.349 | 11.110 | yr 1996 |
| *yr* | *1997* | 1 | -0.76270 | 1.01551 | 0.5641 | 0.4526 | 0.466 | 0.064 | 3.413 | yr 1997 |
| *yr* | *1998* | 1 | 0.28118 | 0.90588 | 0.0963 | 0.7563 | 1.325 | 0.224 | 7.820 | yr 1998 |
| *yr* | *1999* | 1 | -10.52840 | 924.17564 | 0.0001 | 0.9909 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.09716 | 0.89116 | 0.0119 | 0.9132 | 0.907 | 0.158 | 5.204 | yr 2011 |
| *yr* | *2012* | 1 | -0.41863 | 0.85018 | 0.2425 | 0.6224 | 0.658 | 0.124 | 3.482 | yr 2012 |
| *LDL* |  | 1 | 0.09052 | 0.09153 | 0.9780 | 0.3227 | 1.095 | 0.915 | 1.310 |  |
| *HDL* |  | 1 | -0.22245 | 0.25421 | 0.7657 | 0.3816 | 0.801 | 0.486 | 1.318 |  |
| *aspirin* |  | 1 | 0.10475 | 0.20289 | 0.2666 | 0.6056 | 1.110 | 0.746 | 1.653 |  |
| *statin* |  | 1 | -0.70377 | 0.40944 | 2.9545 | 0.0856 | 0.495 | 0.222 | 1.104 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 503 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 503 | 62 | 441 | 87.67 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 692.116 | 628.936 |
| *AIC* | 692.116 | 696.936 |
| *SBC* | 692.116 | 769.258 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 63.1803 | 34 | 0.0017 |
| *Score* | 62.2589 | 34 | 0.0022 |
| *Wald* | 53.6212 | 34 | 0.0174 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.2928 | 0.1408 |
| *age* | 1 | 9.9425 | 0.0016 |
| *race* | 1 | 0.5209 | 0.4705 |
| *BMI* | 1 | 2.9325 | 0.0868 |
| *CTG* | 3 | 10.8754 | 0.0124 |
| *DRNK* | 2 | 1.6304 | 0.4425 |
| *HTN* | 1 | 1.2514 | 0.2633 |
| *ssri* | 1 | 0.2678 | 0.6048 |
| *DM1* | 1 | 0.5887 | 0.4429 |
| *yr* | 14 | 12.6921 | 0.5509 |
| *LDL* | 1 | 0.0142 | 0.9052 |
| *HDL* | 1 | 3.3572 | 0.0669 |
| *aspirin* | 1 | 3.6575 | 0.0558 |
| *statin* | 1 | 0.3410 | 0.5592 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -1.23156 | 0.66047 | 3.4771 | 0.0622 | 0.292 | 0.080 | 1.065 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | -0.90873 | 0.58557 | 2.4083 | 0.1207 | 0.403 | 0.128 | 1.270 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | -0.44185 | 0.45758 | 0.9324 | 0.3342 | 0.643 | 0.262 | 1.576 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -1.50863 | 0.80836 | 3.4830 | 0.0620 | 0.221 | 0.045 | 1.079 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.08954 | 0.40890 | 0.0480 | 0.8267 | 0.914 | 0.410 | 2.038 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.08019 | 0.02543 | 9.9425 | 0.0016 | 1.083 | 1.031 | 1.139 |  |
| *race* |  | 1 | 0.30947 | 0.42880 | 0.5209 | 0.4705 | 1.363 | 0.588 | 3.158 |  |
| *BMI* |  | 1 | 0.05549 | 0.03240 | 2.9325 | 0.0868 | 1.057 | 0.992 | 1.126 |  |
| *CTG* | *1* | 1 | -2.05417 | 0.99991 | 4.2204 | 0.0399 | 0.128 | 0.018 | 0.910 | CTG 1 |
| *CTG* | *2* | 1 | -2.28593 | 0.94967 | 5.7941 | 0.0161 | 0.102 | 0.016 | 0.654 | CTG 2 |
| *CTG* | *3* | 1 | -2.99338 | 1.00221 | 8.9209 | 0.0028 | 0.050 | 0.007 | 0.357 | CTG 3 |
| *DRNK* | *1* | 1 | 0.02801 | 0.45486 | 0.0038 | 0.9509 | 1.028 | 0.422 | 2.508 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.40315 | 0.46683 | 0.7458 | 0.3878 | 1.497 | 0.599 | 3.736 | DRNK 2 |
| *HTN* |  | 1 | 0.35320 | 0.31573 | 1.2514 | 0.2633 | 1.424 | 0.767 | 2.643 |  |
| *ssri* |  | 1 | -0.16884 | 0.32625 | 0.2678 | 0.6048 | 0.845 | 0.446 | 1.601 |  |
| *DM1* |  | 1 | 0.25428 | 0.33142 | 0.5887 | 0.4429 | 1.290 | 0.673 | 2.469 |  |
| *yr* | *1987* | 1 | 15.49459 | 706.61458 | 0.0005 | 0.9825 | 5360615 | 0.000 | . | yr 1987 |
| *yr* | *1988* | 1 | 13.74907 | 706.61481 | 0.0004 | 0.9845 | 935722.4 | 0.000 | . | yr 1988 |
| *yr* | *1989* | 1 | 15.39118 | 706.61458 | 0.0005 | 0.9826 | 4833967 | 0.000 | . | yr 1989 |
| *yr* | *1990* | 1 | 15.43897 | 706.61468 | 0.0005 | 0.9826 | 5070599 | 0.000 | . | yr 1990 |
| *yr* | *1991* | 1 | 14.87576 | 706.61454 | 0.0004 | 0.9832 | 2887095 | 0.000 | . | yr 1991 |
| *yr* | *1992* | 1 | 14.86222 | 706.61461 | 0.0004 | 0.9832 | 2848252 | 0.000 | . | yr 1992 |
| *yr* | *1993* | 1 | 13.91584 | 706.61514 | 0.0004 | 0.9843 | 1105538 | 0.000 | . | yr 1993 |
| *yr* | *1994* | 1 | 15.15571 | 706.61455 | 0.0005 | 0.9829 | 3819815 | 0.000 | . | yr 1994 |
| *yr* | *1995* | 1 | 15.20314 | 706.61440 | 0.0005 | 0.9828 | 4005324 | 0.000 | . | yr 1995 |
| *yr* | *1996* | 1 | 13.86048 | 706.61500 | 0.0004 | 0.9844 | 1045998 | 0.000 | . | yr 1996 |
| *yr* | *1997* | 1 | 14.97504 | 706.61442 | 0.0004 | 0.9831 | 3188421 | 0.000 | . | yr 1997 |
| *yr* | *1998* | 1 | 14.61589 | 706.61447 | 0.0004 | 0.9835 | 2226388 | 0.000 | . | yr 1998 |
| *yr* | *1999* | 0 | 0 | . | . | . | . | . | . | yr 1999 |
| *yr* | *2011* | 1 | 13.58512 | 706.61434 | 0.0004 | 0.9847 | 794224.0 | 0.000 | . | yr 2011 |
| *yr* | *2012* | 1 | 13.12631 | 706.61413 | 0.0003 | 0.9852 | 501978.7 | 0.000 | . | yr 2012 |
| *LDL* |  | 1 | -0.01764 | 0.14812 | 0.0142 | 0.9052 | 0.983 | 0.735 | 1.313 |  |
| *HDL* |  | 1 | -0.93605 | 0.51087 | 3.3572 | 0.0669 | 0.392 | 0.144 | 1.067 |  |
| *aspirin* |  | 1 | 0.60957 | 0.31874 | 3.6575 | 0.0558 | 1.840 | 0.985 | 3.436 |  |
| *statin* |  | 1 | -0.28051 | 0.48033 | 0.3410 | 0.5592 | 0.755 | 0.295 | 1.937 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1510 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 |  |  |  |
|  | *M* | 0 | 1 |  |  |  |
|  | *W* | 0 | 0 |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1510 | 154 | 1356 | 89.80 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 2066.667 | 2036.316 |
| *AIC* | 2066.667 | 2056.316 |
| *SBC* | 2066.667 | 2086.685 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 30.3512 | 10 | 0.0008 |
| *Score* | 31.7217 | 10 | 0.0004 |
| *Wald* | 31.0481 | 10 | 0.0006 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.9343 | 0.3127 |
| *CENTER* | 2 | 0.4120 | 0.8138 |
| *GENDER* | 1 | 8.8932 | 0.0029 |
| *ssri* | 1 | 0.5032 | 0.4781 |
| *age* | 1 | 13.2909 | 0.0003 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.59584 | 0.42922 | 1.9271 | 0.1651 | 1.815 | 0.782 | 4.208 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.48466 | 0.37668 | 1.6555 | 0.1982 | 1.624 | 0.776 | 3.397 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.15979 | 0.34143 | 0.2190 | 0.6398 | 1.173 | 0.601 | 2.291 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.30443 | 0.46761 | 0.4238 | 0.5150 | 0.738 | 0.295 | 1.844 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.24909 | 0.33681 | 0.5470 | 0.4596 | 1.283 | 0.663 | 2.482 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.02404 | 0.20421 | 0.0139 | 0.9063 | 1.024 | 0.686 | 1.528 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *M* | 1 | 0.12509 | 0.21242 | 0.3468 | 0.5559 | 1.133 | 0.747 | 1.718 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.50798 | 0.17034 | 8.8932 | 0.0029 | 0.602 | 0.431 | 0.840 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.12379 | 0.17451 | 0.5032 | 0.4781 | 0.884 | 0.628 | 1.244 |  |
| *age* |  | 1 | 0.03953 | 0.01084 | 13.2909 | 0.0003 | 1.040 | 1.018 | 1.063 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 425 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 |  |  |  |  |
|  | *J* | 0 |  |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 425 | 44 | 381 | 89.65 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 487.377 | 473.057 |
| *AIC* | 487.377 | 491.057 |
| *SBC* | 487.377 | 507.115 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 14.3199 | 9 | 0.1114 |
| *Score* | 14.6682 | 9 | 0.1005 |
| *Wald* | 14.1846 | 9 | 0.1159 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 3.8157 | 0.5762 |
| *CENTER* | 1 | 0.0269 | 0.8698 |
| *GENDER* | 1 | 2.3595 | 0.1245 |
| *ssri* | 1 | 2.3632 | 0.1242 |
| *age* | 1 | 7.7104 | 0.0055 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.34137 | 0.61400 | 0.3091 | 0.5782 | 1.407 | 0.422 | 4.687 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.44181 | 0.59295 | 0.5552 | 0.4562 | 1.556 | 0.487 | 4.973 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.56403 | 0.59606 | 0.8954 | 0.3440 | 1.758 | 0.546 | 5.654 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.01571 | 0.87096 | 0.0003 | 0.9856 | 0.984 | 0.179 | 5.427 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.95947 | 0.59798 | 2.5745 | 0.1086 | 2.610 | 0.809 | 8.427 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.08729 | 0.53248 | 0.0269 | 0.8698 | 0.916 | 0.323 | 2.602 | ARIC FIELD CENTER (CIR) F |
| *GENDER* | *F* | 1 | -0.53169 | 0.34614 | 2.3595 | 0.1245 | 0.588 | 0.298 | 1.158 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.60930 | 0.39635 | 2.3632 | 0.1242 | 0.544 | 0.250 | 1.182 |  |
| *age* |  | 1 | 0.05473 | 0.01971 | 7.7104 | 0.0055 | 1.056 | 1.016 | 1.098 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1419 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1419 | 137 | 1282 | 90.35 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1822.316 | 1745.355 |
| *AIC* | 1822.316 | 1817.355 |
| *SBC* | 1822.316 | 1922.474 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 76.9610 | 36 | <.0001 |
| *Score* | 82.0054 | 36 | <.0001 |
| *Wald* | 77.9935 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 3.1298 | 0.6800 |
| *age* | 1 | 15.5785 | <.0001 |
| *GENDER* | 1 | 3.6014 | 0.0577 |
| *BMI* | 1 | 1.0176 | 0.3131 |
| *CTG* | 3 | 16.7032 | 0.0008 |
| *DRNK* | 2 | 3.2386 | 0.1980 |
| *HTN* | 1 | 2.4527 | 0.1173 |
| *ssri* | 1 | 0.0763 | 0.7823 |
| *DM1* | 1 | 5.1854 | 0.0228 |
| *yr* | 16 | 5.4907 | 0.9927 |
| *LDL* | 1 | 0.7221 | 0.3955 |
| *HDL* | 1 | 0.7466 | 0.3876 |
| *aspirin* | 1 | 1.1967 | 0.2740 |
| *statin* | 1 | 1.6641 | 0.1971 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.22718 | 0.47410 | 0.2296 | 0.6318 | 1.255 | 0.496 | 3.178 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.16161 | 0.40891 | 0.1562 | 0.6927 | 1.175 | 0.527 | 2.620 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.03642 | 0.36370 | 0.0100 | 0.9202 | 1.037 | 0.508 | 2.115 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.38745 | 0.48261 | 0.6445 | 0.4221 | 0.679 | 0.264 | 1.748 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.23918 | 0.35593 | 0.4516 | 0.5016 | 1.270 | 0.632 | 2.552 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.06317 | 0.01601 | 15.5785 | <.0001 | 1.065 | 1.032 | 1.099 |  |
| *GENDER* | *F* | 1 | -0.39985 | 0.21070 | 3.6014 | 0.0577 | 0.670 | 0.444 | 1.013 | SEX (from FTRA22) F |
| *BMI* |  | 1 | 0.01754 | 0.01739 | 1.0176 | 0.3131 | 1.018 | 0.984 | 1.053 |  |
| *CTG* | *1* | 1 | -0.10604 | 0.67921 | 0.0244 | 0.8759 | 0.899 | 0.238 | 3.405 | CTG 1 |
| *CTG* | *2* | 1 | -0.85862 | 0.66101 | 1.6873 | 0.1940 | 0.424 | 0.116 | 1.548 | CTG 2 |
| *CTG* | *3* | 1 | -0.95515 | 0.66770 | 2.0463 | 0.1526 | 0.385 | 0.104 | 1.424 | CTG 3 |
| *DRNK* | *1* | 1 | 0.16001 | 0.26772 | 0.3572 | 0.5500 | 1.174 | 0.694 | 1.983 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.43785 | 0.27371 | 2.5589 | 0.1097 | 1.549 | 0.906 | 2.649 | DRNK 2 |
| *HTN* |  | 1 | 0.29394 | 0.18769 | 2.4527 | 0.1173 | 1.342 | 0.929 | 1.938 |  |
| *ssri* |  | 1 | 0.05747 | 0.20800 | 0.0763 | 0.7823 | 1.059 | 0.705 | 1.592 |  |
| *DM1* |  | 1 | 0.54216 | 0.23809 | 5.1854 | 0.0228 | 1.720 | 1.078 | 2.742 |  |
| *yr* | *1986* | 1 | -10.42606 | 451.18748 | 0.0005 | 0.9816 | 0.000 | 0.000 | . | yr 1986 |
| *yr* | *1987* | 1 | 1.06559 | 0.92406 | 1.3298 | 0.2488 | 2.903 | 0.474 | 17.756 | yr 1987 |
| *yr* | *1988* | 1 | 0.64977 | 0.91648 | 0.5027 | 0.4783 | 1.915 | 0.318 | 11.543 | yr 1988 |
| *yr* | *1989* | 1 | 0.89482 | 0.90572 | 0.9761 | 0.3232 | 2.447 | 0.415 | 14.440 | yr 1989 |
| *yr* | *1990* | 1 | 0.26843 | 0.97092 | 0.0764 | 0.7822 | 1.308 | 0.195 | 8.771 | yr 1990 |
| *yr* | *1991* | 1 | 0.57821 | 0.91558 | 0.3988 | 0.5277 | 1.783 | 0.296 | 10.727 | yr 1991 |
| *yr* | *1992* | 1 | 0.50326 | 0.93076 | 0.2924 | 0.5887 | 1.654 | 0.267 | 10.252 | yr 1992 |
| *yr* | *1993* | 1 | 0.45026 | 0.93371 | 0.2325 | 0.6296 | 1.569 | 0.252 | 9.779 | yr 1993 |
| *yr* | *1994* | 1 | 0.43138 | 0.91376 | 0.2229 | 0.6369 | 1.539 | 0.257 | 9.229 | yr 1994 |
| *yr* | *1995* | 1 | 0.61746 | 0.87400 | 0.4991 | 0.4799 | 1.854 | 0.334 | 10.283 | yr 1995 |
| *yr* | *1996* | 1 | 0.59847 | 0.88585 | 0.4564 | 0.4993 | 1.819 | 0.321 | 10.326 | yr 1996 |
| *yr* | *1997* | 1 | 0.28694 | 0.88457 | 0.1052 | 0.7456 | 1.332 | 0.235 | 7.543 | yr 1997 |
| *yr* | *1998* | 1 | 0.46546 | 0.87928 | 0.2802 | 0.5965 | 1.593 | 0.284 | 8.925 | yr 1998 |
| *yr* | *1999* | 1 | -9.88859 | 780.07496 | 0.0002 | 0.9899 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | 0.18523 | 0.85542 | 0.0469 | 0.8286 | 1.203 | 0.225 | 6.435 | yr 2011 |
| *yr* | *2012* | 1 | 0.03117 | 0.81536 | 0.0015 | 0.9695 | 1.032 | 0.209 | 5.100 | yr 2012 |
| *LDL* |  | 1 | 0.07616 | 0.08963 | 0.7221 | 0.3955 | 1.079 | 0.905 | 1.286 |  |
| *HDL* |  | 1 | -0.22233 | 0.25731 | 0.7466 | 0.3876 | 0.801 | 0.484 | 1.326 |  |
| *aspirin* |  | 1 | 0.20674 | 0.18899 | 1.1967 | 0.2740 | 1.230 | 0.849 | 1.781 |  |
| *statin* |  | 1 | -0.43152 | 0.33452 | 1.6641 | 0.1971 | 0.650 | 0.337 | 1.251 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_MI |  |
| *Censoring Variable* | C7\_MI16 | MI by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 380 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 380 | 37 | 343 | 90.26 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 405.120 | 338.283 |
| *AIC* | 405.120 | 406.283 |
| *SBC* | 405.120 | 461.054 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 66.8377 | 34 | 0.0007 |
| *Score* | 61.7329 | 34 | 0.0025 |
| *Wald* | 47.0955 | 34 | 0.0669 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 10.6795 | 0.0581 |
| *age* | 1 | 7.8340 | 0.0051 |
| *GENDER* | 1 | 0.7889 | 0.3744 |
| *BMI* | 1 | 3.5208 | 0.0606 |
| *CTG* | 3 | 7.5449 | 0.0564 |
| *DRNK* | 2 | 0.4471 | 0.7997 |
| *HTN* | 1 | 1.8143 | 0.1780 |
| *ssri* | 1 | 0.0266 | 0.8704 |
| *DM1* | 1 | 8.7167 | 0.0032 |
| *yr* | 14 | 4.9936 | 0.9859 |
| *LDL* | 1 | 0.3932 | 0.5306 |
| *HDL* | 1 | 2.8851 | 0.0894 |
| *aspirin* | 1 | 0.9313 | 0.3345 |
| *statin* | 1 | 0.6732 | 0.4119 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.50060 | 0.80820 | 0.3837 | 0.5357 | 0.606 | 0.124 | 2.955 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.61016 | 0.71657 | 0.7250 | 0.3945 | 1.841 | 0.452 | 7.498 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.88083 | 0.72563 | 1.4735 | 0.2248 | 2.413 | 0.582 | 10.005 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.33749 | 0.97831 | 0.1190 | 0.7301 | 1.401 | 0.206 | 9.535 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 1.41836 | 0.68895 | 4.2383 | 0.0395 | 4.130 | 1.070 | 15.938 | EDUCATION LEVEL, DEFINITION 1 5 |
| *age* |  | 1 | 0.09817 | 0.03508 | 7.8340 | 0.0051 | 1.103 | 1.030 | 1.182 |  |
| *GENDER* | *F* | 1 | -0.44716 | 0.50345 | 0.7889 | 0.3744 | 0.639 | 0.238 | 1.715 | SEX (from FTRA22) F |
| *BMI* |  | 1 | -0.06796 | 0.03622 | 3.5208 | 0.0606 | 0.934 | 0.870 | 1.003 |  |
| *CTG* | *1* | 1 | -17.31674 | 1633 | 0.0001 | 0.9915 | 0.000 | 0.000 | . | CTG 1 |
| *CTG* | *2* | 1 | -17.94517 | 1633 | 0.0001 | 0.9912 | 0.000 | 0.000 | . | CTG 2 |
| *CTG* | *3* | 1 | -18.80022 | 1633 | 0.0001 | 0.9908 | 0.000 | 0.000 | . | CTG 3 |
| *DRNK* | *1* | 1 | -0.37433 | 0.59558 | 0.3950 | 0.5297 | 0.688 | 0.214 | 2.210 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.20330 | 0.43548 | 0.2179 | 0.6406 | 0.816 | 0.348 | 1.916 | DRNK 2 |
| *HTN* |  | 1 | 0.71411 | 0.53017 | 1.8143 | 0.1780 | 2.042 | 0.723 | 5.773 |  |
| *ssri* |  | 1 | 0.08487 | 0.52022 | 0.0266 | 0.8704 | 1.089 | 0.393 | 3.018 |  |
| *DM1* |  | 1 | 1.14485 | 0.38777 | 8.7167 | 0.0032 | 3.142 | 1.469 | 6.719 |  |
| *yr* | *1987* | 1 | 32.48847 | 2625 | 0.0002 | 0.9901 | 1.287E14 | 0.000 | . | yr 1987 |
| *yr* | *1988* | 1 | 30.86448 | 2625 | 0.0001 | 0.9906 | 2.537E13 | 0.000 | . | yr 1988 |
| *yr* | *1989* | 1 | 31.97106 | 2625 | 0.0001 | 0.9903 | 7.671E13 | 0.000 | . | yr 1989 |
| *yr* | *1990* | 1 | 31.53496 | 2625 | 0.0001 | 0.9904 | 4.96E13 | 0.000 | . | yr 1990 |
| *yr* | *1991* | 1 | 31.34735 | 2625 | 0.0001 | 0.9905 | 4.111E13 | 0.000 | . | yr 1991 |
| *yr* | *1992* | 1 | 31.82752 | 2625 | 0.0001 | 0.9903 | 6.645E13 | 0.000 | . | yr 1992 |
| *yr* | *1993* | 1 | 32.10787 | 2625 | 0.0001 | 0.9902 | 8.796E13 | 0.000 | . | yr 1993 |
| *yr* | *1994* | 1 | 32.27942 | 2625 | 0.0002 | 0.9902 | 1.044E14 | 0.000 | . | yr 1994 |
| *yr* | *1995* | 1 | 31.59807 | 2625 | 0.0001 | 0.9904 | 5.283E13 | 0.000 | . | yr 1995 |
| *yr* | *1996* | 1 | 32.32124 | 2625 | 0.0002 | 0.9902 | 1.089E14 | 0.000 | . | yr 1996 |
| *yr* | *1997* | 1 | 15.75099 | 3252 | 0.0000 | 0.9961 | 6927361 | 0.000 | . | yr 1997 |
| *yr* | *1998* | 1 | 32.00232 | 2625 | 0.0001 | 0.9903 | 7.915E13 | 0.000 | . | yr 1998 |
| *yr* | *2011* | 1 | 30.97250 | 2625 | 0.0001 | 0.9906 | 2.826E13 | 0.000 | . | yr 2011 |
| *yr* | *2012* | 1 | 14.64801 | 2055 | 0.0001 | 0.9943 | 2299059 | 0.000 | . | yr 2012 |
| *LDL* |  | 1 | 0.10133 | 0.16160 | 0.3932 | 0.5306 | 1.107 | 0.806 | 1.519 |  |
| *HDL* |  | 1 | -0.87508 | 0.51519 | 2.8851 | 0.0894 | 0.417 | 0.152 | 1.144 |  |
| *aspirin* |  | 1 | 0.38670 | 0.40070 | 0.9313 | 0.3345 | 1.472 | 0.671 | 3.229 |  |
| *statin* |  | 1 | -0.91241 | 1.11206 | 0.6732 | 0.4119 | 0.402 | 0.045 | 3.551 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | BRESLOW |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1913 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | |
| --- | --- | --- | --- |
| *Total* | *Event* | *Censored* | *Percent Censored* |
| 1913 | 134 | 1779 | 93.00 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1875.932 | 1784.495 |
| *AIC* | 1875.932 | 1856.495 |
| *SBC* | 1875.932 | 1960.818 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 91.4368 | 36 | <.0001 |
| *Score* | 93.9840 | 36 | <.0001 |
| *Wald* | 87.4153 | 36 | <.0001 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 9.3948 | 0.0943 |
| *CENTER* | 3 | 0.3094 | 0.9583 |
| *GENDER* | 1 | 0.4910 | 0.4835 |
| *age* | 1 | 26.0441 | <.0001 |
| *race* | 1 | 0.0274 | 0.8684 |
| *BMI* | 1 | 0.4802 | 0.4883 |
| *CTG* | 3 | 11.2201 | 0.0106 |
| *DRNK* | 2 | 0.4850 | 0.7847 |
| *HTN* | 1 | 2.4933 | 0.1143 |
| *ssri* | 1 | 0.0928 | 0.7606 |
| *DM1* | 1 | 7.5295 | 0.0061 |
| *yr* | 16 | 24.7328 | 0.0747 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *Label* |
| *ELEVEL01* | *1* | 1 | 0.15518 | 0.44910 | 0.1194 | 0.7297 | 1.168 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.59512 | 0.39602 | 2.2582 | 0.1329 | 1.813 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.48672 | 0.37414 | 1.6923 | 0.1933 | 1.627 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.65614 | 0.42875 | 2.3420 | 0.1259 | 1.927 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.12741 | 0.41211 | 0.0956 | 0.7572 | 0.880 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.09413 | 0.25792 | 0.1332 | 0.7151 | 0.910 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.15744 | 0.65833 | 0.0572 | 0.8110 | 1.171 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.03013 | 0.27742 | 0.0118 | 0.9135 | 0.970 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.14791 | 0.21107 | 0.4910 | 0.4835 | 0.863 | SEX (from FTRA22) F |
| *age* |  | 1 | 0.08293 | 0.01625 | 26.0441 | <.0001 | 1.086 |  |
| *race* |  | 1 | 0.10301 | 0.62192 | 0.0274 | 0.8684 | 1.109 |  |
| *BMI* |  | 1 | 0.01131 | 0.01631 | 0.4802 | 0.4883 | 1.011 |  |
| *CTG* | *1* | 1 | -0.71767 | 0.71093 | 1.0191 | 0.3127 | 0.488 | CTG 1 |
| *CTG* | *2* | 1 | -0.64708 | 0.68159 | 0.9013 | 0.3424 | 0.524 | CTG 2 |
| *CTG* | *3* | 1 | -1.29181 | 0.69114 | 3.4935 | 0.0616 | 0.275 | CTG 3 |
| *DRNK* | *1* | 1 | -0.17376 | 0.25073 | 0.4803 | 0.4883 | 0.840 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.08225 | 0.23667 | 0.1208 | 0.7282 | 0.921 | DRNK 2 |
| *HTN* |  | 1 | 0.31960 | 0.20241 | 2.4933 | 0.1143 | 1.377 |  |
| *ssri* |  | 1 | 0.06594 | 0.21645 | 0.0928 | 0.7606 | 1.068 |  |
| *DM1* |  | 1 | 0.56600 | 0.20627 | 7.5295 | 0.0061 | 1.761 |  |
| *yr* | *1986* | 1 | 3.41535 | 1.29368 | 6.9698 | 0.0083 | 30.428 | yr 1986 |
| *yr* | *1987* | 1 | 1.60625 | 0.81690 | 3.8662 | 0.0493 | 4.984 | yr 1987 |
| *yr* | *1988* | 1 | 1.63228 | 0.79660 | 4.1987 | 0.0405 | 5.116 | yr 1988 |
| *yr* | *1989* | 1 | 1.05308 | 0.81170 | 1.6832 | 0.1945 | 2.866 | yr 1989 |
| *yr* | *1990* | 1 | 1.23721 | 0.81232 | 2.3197 | 0.1277 | 3.446 | yr 1990 |
| *yr* | *1991* | 1 | 1.28701 | 0.79922 | 2.5932 | 0.1073 | 3.622 | yr 1991 |
| *yr* | *1992* | 1 | 1.27930 | 0.79323 | 2.6011 | 0.1068 | 3.594 | yr 1992 |
| *yr* | *1993* | 1 | 0.73462 | 0.82872 | 0.7858 | 0.3754 | 2.085 | yr 1993 |
| *yr* | *1994* | 1 | 0.21174 | 0.88126 | 0.0577 | 0.8101 | 1.236 | yr 1994 |
| *yr* | *1995* | 1 | 0.80917 | 0.76819 | 1.1095 | 0.2922 | 2.246 | yr 1995 |
| *yr* | *1996* | 1 | 0.79313 | 0.78498 | 1.0209 | 0.3123 | 2.210 | yr 1996 |
| *yr* | *1997* | 1 | 0.21225 | 0.83139 | 0.0652 | 0.7985 | 1.236 | yr 1997 |
| *yr* | *1998* | 1 | 0.98531 | 0.76563 | 1.6562 | 0.1981 | 2.679 | yr 1998 |
| *yr* | *1999* | 1 | -7.81286 | 438.74611 | 0.0003 | 0.9858 | 0.000 | yr 1999 |
| *yr* | *2011* | 1 | 0.03347 | 0.76618 | 0.0019 | 0.9652 | 1.034 | yr 2011 |
| *yr* | *2012* | 1 | -0.70950 | 0.75001 | 0.8949 | 0.3442 | 0.492 | yr 2012 |

|  |  |
| --- | --- |
| *1 With Variables:* | timerank |
| *12 Variables:* | relevel01 rcenter rGender rage rrace rBMI rCTG rDRNK rHTN rssri rdm1 ryr |

| *Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations* | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | *relevel01* | *rcenter* | *rGender* | *rage* | *rrace* | *rBMI* | *rCTG* | *rDRNK* | *rHTN* | *rssri* | *rdm1* | *ryr* |
| *timerank* Rank for Variable stime\_IS | -0.08208 0.3457 134 | -0.01588 0.8555 134 | -0.14755 0.0889 134 | 0.18464 0.0327 134 | 0.07912 0.3635 134 | 0.12542 0.1488 134 | -0.06919 0.4270 134 | 0.01328 0.8790 134 | 0.00120 0.9891 134 | -0.01645 0.8504 134 | -0.06792 0.4355 134 | 0.00437 0.9601 134 |

| *Analysis Variable : stime\_IS* |
| --- |
| *Median* |
| 5446.00 |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1957 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 988 | 72 | 916 | 92.71 |
| *2* | 1 | 969 | 63 | 906 | 93.50 |
| *Total* |  | 1957 | 135 | 1822 | 93.10 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1703.311 | 1680.674 |
| *AIC* | 1703.311 | 1702.674 |
| *SBC* | 1703.311 | 1734.632 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 22.6367 | 11 | 0.0199 |
| *Score* | 22.3288 | 11 | 0.0219 |
| *Wald* | 21.3630 | 11 | 0.0298 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 12.5976 | 0.0275 |
| *CENTER* | 3 | 0.2737 | 0.9649 |
| *GENDER* | 1 | 1.3574 | 0.2440 |
| *race* | 1 | 0.2701 | 0.6032 |
| *ssri* | 1 | 0.7042 | 0.4014 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.37745 | 0.43782 | 0.7432 | 0.3886 | 1.459 | 0.618 | 3.440 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.74770 | 0.38764 | 3.7206 | 0.0537 | 2.112 | 0.988 | 4.515 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.56665 | 0.36784 | 2.3731 | 0.1234 | 1.762 | 0.857 | 3.624 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.74168 | 0.42440 | 3.0541 | 0.0805 | 2.099 | 0.914 | 4.823 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.13584 | 0.40785 | 0.1109 | 0.7391 | 0.873 | 0.393 | 1.942 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.09289 | 0.24855 | 0.1397 | 0.7086 | 0.911 | 0.560 | 1.483 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.03860 | 0.65019 | 0.0035 | 0.9527 | 1.039 | 0.291 | 3.717 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.11669 | 0.26347 | 0.1962 | 0.6578 | 0.890 | 0.531 | 1.491 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.22847 | 0.19610 | 1.3574 | 0.2440 | 0.796 | 0.542 | 1.169 | SEX (from FTRA22) F |
| *race* |  | 1 | 0.31456 | 0.60524 | 0.2701 | 0.6032 | 1.370 | 0.418 | 4.485 |  |
| *ssri* |  | 1 | -0.15973 | 0.19035 | 0.7042 | 0.4014 | 0.852 | 0.587 | 1.238 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 15689 1913 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 987 | 72 | 915 | 92.71 |
| *2* | 1 | 926 | 62 | 864 | 93.30 |
| *Total* |  | 1913 | 134 | 1779 | 93.00 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1690.083 | 1626.298 |
| *AIC* | 1690.083 | 1696.298 |
| *SBC* | 1690.083 | 1797.723 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 63.7847 | 35 | 0.0021 |
| *Score* | 66.5469 | 35 | 0.0010 |
| *Wald* | 62.8615 | 35 | 0.0026 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 9.3887 | 0.0945 |
| *CENTER* | 3 | 0.2007 | 0.9775 |
| *GENDER* | 1 | 0.4077 | 0.5232 |
| *race* | 1 | 0.0032 | 0.9551 |
| *BMI* | 1 | 0.2854 | 0.5932 |
| *CTG* | 3 | 9.4580 | 0.0238 |
| *DRNK* | 2 | 0.5571 | 0.7569 |
| *HTN* | 1 | 3.2492 | 0.0715 |
| *ssri* | 1 | 0.0162 | 0.8988 |
| *DM1* | 1 | 8.5520 | 0.0035 |
| *yr* | 16 | 16.6298 | 0.4099 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.22212 | 0.44990 | 0.2438 | 0.6215 | 1.249 | 0.517 | 3.016 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.60031 | 0.39624 | 2.2953 | 0.1298 | 1.823 | 0.838 | 3.963 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.47764 | 0.37311 | 1.6388 | 0.2005 | 1.612 | 0.776 | 3.350 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.62262 | 0.42811 | 2.1151 | 0.1459 | 1.864 | 0.805 | 4.313 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.15998 | 0.41176 | 0.1509 | 0.6976 | 0.852 | 0.380 | 1.910 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.07647 | 0.25712 | 0.0885 | 0.7662 | 0.926 | 0.560 | 1.533 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.12541 | 0.65787 | 0.0363 | 0.8488 | 1.134 | 0.312 | 4.116 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.05210 | 0.27710 | 0.0354 | 0.8509 | 0.949 | 0.551 | 1.634 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.13399 | 0.20986 | 0.4077 | 0.5232 | 0.875 | 0.580 | 1.320 | SEX (from FTRA22) F |
| *race* |  | 1 | 0.03498 | 0.62153 | 0.0032 | 0.9551 | 1.036 | 0.306 | 3.501 |  |
| *BMI* |  | 1 | 0.00874 | 0.01637 | 0.2854 | 0.5932 | 1.009 | 0.977 | 1.042 |  |
| *CTG* | *1* | 1 | -0.74881 | 0.71728 | 1.0898 | 0.2965 | 0.473 | 0.116 | 1.929 | CTG 1 |
| *CTG* | *2* | 1 | -0.64865 | 0.68822 | 0.8883 | 0.3459 | 0.523 | 0.136 | 2.014 | CTG 2 |
| *CTG* | *3* | 1 | -1.23711 | 0.69780 | 3.1430 | 0.0763 | 0.290 | 0.074 | 1.139 | CTG 3 |
| *DRNK* | *1* | 1 | -0.17938 | 0.25065 | 0.5122 | 0.4742 | 0.836 | 0.511 | 1.366 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.05682 | 0.23590 | 0.0580 | 0.8097 | 0.945 | 0.595 | 1.500 | DRNK 2 |
| *HTN* |  | 1 | 0.36390 | 0.20188 | 3.2492 | 0.0715 | 1.439 | 0.969 | 2.137 |  |
| *ssri* |  | 1 | 0.02739 | 0.21539 | 0.0162 | 0.8988 | 1.028 | 0.674 | 1.568 |  |
| *DM1* |  | 1 | 0.60635 | 0.20734 | 8.5520 | 0.0035 | 1.834 | 1.221 | 2.753 |  |
| *yr* | *1986* | 1 | 2.09291 | 1.26246 | 2.7483 | 0.0974 | 8.108 | 0.683 | 96.282 | yr 1986 |
| *yr* | *1987* | 1 | 0.57814 | 0.78553 | 0.5417 | 0.4617 | 1.783 | 0.382 | 8.312 | yr 1987 |
| *yr* | *1988* | 1 | 0.60615 | 0.76679 | 0.6249 | 0.4292 | 1.833 | 0.408 | 8.240 | yr 1988 |
| *yr* | *1989* | 1 | 0.03306 | 0.78320 | 0.0018 | 0.9663 | 1.034 | 0.223 | 4.798 | yr 1989 |
| *yr* | *1990* | 1 | 0.28972 | 0.79048 | 0.1343 | 0.7140 | 1.336 | 0.284 | 6.290 | yr 1990 |
| *yr* | *1991* | 1 | 0.39450 | 0.78012 | 0.2557 | 0.6131 | 1.484 | 0.322 | 6.845 | yr 1991 |
| *yr* | *1992* | 1 | 0.33039 | 0.77519 | 0.1817 | 0.6700 | 1.392 | 0.305 | 6.358 | yr 1992 |
| *yr* | *1993* | 1 | -0.12276 | 0.81763 | 0.0225 | 0.8807 | 0.884 | 0.178 | 4.392 | yr 1993 |
| *yr* | *1994* | 1 | -0.65426 | 0.86916 | 0.5666 | 0.4516 | 0.520 | 0.095 | 2.856 | yr 1994 |
| *yr* | *1995* | 1 | 0.01120 | 0.76196 | 0.0002 | 0.9883 | 1.011 | 0.227 | 4.502 | yr 1995 |
| *yr* | *1996* | 1 | 0.02824 | 0.78158 | 0.0013 | 0.9712 | 1.029 | 0.222 | 4.759 | yr 1996 |
| *yr* | *1997* | 1 | -0.52129 | 0.83113 | 0.3934 | 0.5305 | 0.594 | 0.116 | 3.027 | yr 1997 |
| *yr* | *1998* | 1 | 0.24420 | 0.76576 | 0.1017 | 0.7498 | 1.277 | 0.285 | 5.726 | yr 1998 |
| *yr* | *1999* | 1 | -9.02575 | 555.33012 | 0.0003 | 0.9870 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.07269 | 0.77704 | 0.0088 | 0.9255 | 0.930 | 0.203 | 4.264 | yr 2011 |
| *yr* | *2012* | 1 | -0.80558 | 0.75412 | 1.1411 | 0.2854 | 0.447 | 0.102 | 1.959 | yr 2012 |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1404 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 737 | 57 | 680 | 92.27 |
| *2* | 1 | 667 | 40 | 627 | 94.00 |
| *Total* |  | 1404 | 97 | 1307 | 93.09 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1168.926 | 1148.348 |
| *AIC* | 1168.926 | 1168.348 |
| *SBC* | 1168.926 | 1194.095 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 20.5776 | 10 | 0.0242 |
| *Score* | 20.4119 | 10 | 0.0256 |
| *Wald* | 19.3834 | 10 | 0.0357 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 9.0354 | 0.1077 |
| *CENTER* | 3 | 0.6983 | 0.8736 |
| *race* | 1 | 0.0880 | 0.7667 |
| *ssri* | 1 | 0.9182 | 0.3380 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 1.04053 | 0.66778 | 2.4280 | 0.1192 | 2.831 | 0.765 | 10.479 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.37154 | 0.61805 | 4.9246 | 0.0265 | 3.941 | 1.174 | 13.235 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 1.22202 | 0.60587 | 4.0682 | 0.0437 | 3.394 | 1.035 | 11.128 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 1.35389 | 0.66367 | 4.1616 | 0.0414 | 3.872 | 1.055 | 14.220 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.66576 | 0.64258 | 1.0735 | 0.3002 | 1.946 | 0.552 | 6.856 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.10420 | 0.30422 | 0.1173 | 0.7320 | 0.901 | 0.496 | 1.636 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.25527 | 0.78994 | 0.1044 | 0.7466 | 1.291 | 0.274 | 6.071 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.22132 | 0.32451 | 0.4651 | 0.4952 | 0.801 | 0.424 | 1.514 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.22055 | 0.74345 | 0.0880 | 0.7667 | 1.247 | 0.290 | 5.353 |  |
| *ssri* |  | 1 | -0.21459 | 0.22395 | 0.9182 | 0.3380 | 0.807 | 0.520 | 1.251 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 553 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 251 | 15 | 236 | 94.02 |
| *2* | 1 | 302 | 23 | 279 | 92.38 |
| *Total* |  | 553 | 38 | 515 | 93.13 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 375.359 | 368.264 |
| *AIC* | 375.359 | 388.264 |
| *SBC* | 375.359 | 404.640 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 7.0948 | 10 | 0.7165 |
| *Score* | 6.6150 | 10 | 0.7612 |
| *Wald* | 6.0548 | 10 | 0.8106 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.4165 | 0.3672 |
| *CENTER* | 3 | 0.4119 | 0.9378 |
| *race* | 1 | 0.4158 | 0.5191 |
| *ssri* | 1 | 0.0047 | 0.9452 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.13881 | 0.67491 | 0.0423 | 0.8370 | 0.870 | 0.232 | 3.267 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.26186 | 0.59355 | 0.1946 | 0.6591 | 1.299 | 0.406 | 4.159 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.05288 | 0.51468 | 0.0106 | 0.9182 | 1.054 | 0.384 | 2.891 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.36156 | 0.60920 | 0.3522 | 0.5529 | 1.436 | 0.435 | 4.738 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.94057 | 0.61148 | 2.3660 | 0.1240 | 0.390 | 0.118 | 1.294 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.02806 | 0.43430 | 0.0042 | 0.9485 | 0.972 | 0.415 | 2.278 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.74016 | 1.21407 | 0.3717 | 0.5421 | 0.477 | 0.044 | 5.152 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.03454 | 0.45226 | 0.0058 | 0.9391 | 1.035 | 0.427 | 2.512 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.68844 | 1.06768 | 0.4158 | 0.5191 | 1.991 | 0.246 | 16.136 |  |
| *ssri* |  | 1 | -0.02554 | 0.37167 | 0.0047 | 0.9452 | 0.975 | 0.470 | 2.020 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1307 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 705 | 53 | 652 | 92.48 |
| *2* | 1 | 602 | 34 | 568 | 94.35 |
| *Total* |  | 1307 | 87 | 1220 | 93.34 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1043.195 | 982.768 |
| *AIC* | 1043.195 | 1056.768 |
| *SBC* | 1043.195 | 1148.006 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 60.4273 | 37 | 0.0089 |
| *Score* | 67.0080 | 37 | 0.0018 |
| *Wald* | 61.0892 | 37 | 0.0076 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 6.1883 | 0.2883 |
| *CENTER* | 3 | 0.5708 | 0.9031 |
| *GENDER* | 0 | . | . |
| *race* | 1 | 0.0073 | 0.9321 |
| *BMI* | 1 | 0.0039 | 0.9505 |
| *CTG* | 3 | 4.3003 | 0.2308 |
| *DRNK* | 2 | 0.4515 | 0.7979 |
| *HTN* | 1 | 2.9846 | 0.0841 |
| *ssri* | 1 | 0.1917 | 0.6615 |
| *DM1* | 1 | 6.9596 | 0.0083 |
| *yr* | 15 | 12.1677 | 0.6663 |
| *aspirin* | 1 | 6.7853 | 0.0092 |
| *statin* | 1 | 3.3553 | 0.0670 |
| *HDL* | 1 | 0.0001 | 0.9937 |
| *LDL* | 1 | 0.4059 | 0.5241 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.67356 | 0.69606 | 0.9364 | 0.3332 | 1.961 | 0.501 | 7.674 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.09056 | 0.63625 | 2.9379 | 0.0865 | 2.976 | 0.855 | 10.356 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.89974 | 0.61964 | 2.1084 | 0.1465 | 2.459 | 0.730 | 8.283 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 1.15519 | 0.67494 | 2.9294 | 0.0870 | 3.175 | 0.846 | 11.918 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.45988 | 0.65475 | 0.4933 | 0.4824 | 1.584 | 0.439 | 5.715 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.16068 | 0.33569 | 0.2291 | 0.6322 | 0.852 | 0.441 | 1.644 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.04708 | 0.82298 | 0.0033 | 0.9544 | 1.048 | 0.209 | 5.260 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.24592 | 0.35837 | 0.4709 | 0.4926 | 0.782 | 0.387 | 1.579 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.06670 | 0.78321 | 0.0073 | 0.9321 | 1.069 | 0.230 | 4.962 |  |
| *BMI* |  | 1 | -0.00125 | 0.02009 | 0.0039 | 0.9505 | 0.999 | 0.960 | 1.039 |  |
| *CTG* | *1* | 1 | -0.94820 | 0.89074 | 1.1332 | 0.2871 | 0.387 | 0.068 | 2.220 | CTG 1 |
| *CTG* | *2* | 1 | -0.92465 | 0.85534 | 1.1686 | 0.2797 | 0.397 | 0.074 | 2.121 | CTG 2 |
| *CTG* | *3* | 1 | -1.32823 | 0.86107 | 2.3795 | 0.1229 | 0.265 | 0.049 | 1.433 | CTG 3 |
| *DRNK* | *1* | 1 | -0.18509 | 0.29943 | 0.3821 | 0.5365 | 0.831 | 0.462 | 1.494 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.15631 | 0.29040 | 0.2897 | 0.5904 | 0.855 | 0.484 | 1.511 | DRNK 2 |
| *HTN* |  | 1 | 0.43626 | 0.25252 | 2.9846 | 0.0841 | 1.547 | 0.943 | 2.538 |  |
| *ssri* |  | 1 | 0.12078 | 0.27588 | 0.1917 | 0.6615 | 1.128 | 0.657 | 1.938 |  |
| *DM1* |  | 1 | 0.71836 | 0.27230 | 6.9596 | 0.0083 | 2.051 | 1.203 | 3.498 |  |
| *yr* | *1986* | 1 | 2.21065 | 1.64128 | 1.8141 | 0.1780 | 9.122 | 0.366 | 227.582 | yr 1986 |
| *yr* | *1987* | 1 | 1.21823 | 1.30424 | 0.8725 | 0.3503 | 3.381 | 0.262 | 43.575 | yr 1987 |
| *yr* | *1988* | 1 | 0.69617 | 1.29605 | 0.2885 | 0.5912 | 2.006 | 0.158 | 25.441 | yr 1988 |
| *yr* | *1989* | 1 | 0.68770 | 1.29843 | 0.2805 | 0.5964 | 1.989 | 0.156 | 25.345 | yr 1989 |
| *yr* | *1990* | 1 | 0.34902 | 1.31747 | 0.0702 | 0.7911 | 1.418 | 0.107 | 18.750 | yr 1990 |
| *yr* | *1991* | 1 | 0.82953 | 1.30739 | 0.4026 | 0.5258 | 2.292 | 0.177 | 29.724 | yr 1991 |
| *yr* | *1992* | 1 | 0.71695 | 1.29299 | 0.3075 | 0.5792 | 2.048 | 0.162 | 25.820 | yr 1992 |
| *yr* | *1993* | 1 | -0.43689 | 1.41911 | 0.0948 | 0.7582 | 0.646 | 0.040 | 10.428 | yr 1993 |
| *yr* | *1994* | 1 | 0.19643 | 1.33503 | 0.0216 | 0.8830 | 1.217 | 0.089 | 16.660 | yr 1994 |
| *yr* | *1995* | 1 | -0.17943 | 1.32572 | 0.0183 | 0.8923 | 0.836 | 0.062 | 11.234 | yr 1995 |
| *yr* | *1996* | 1 | 0.39703 | 1.27158 | 0.0975 | 0.7549 | 1.487 | 0.123 | 17.980 | yr 1996 |
| *yr* | *1997* | 1 | 0.00558 | 1.31275 | 0.0000 | 0.9966 | 1.006 | 0.077 | 13.178 | yr 1997 |
| *yr* | *1998* | 1 | 0.08045 | 1.30359 | 0.0038 | 0.9508 | 1.084 | 0.084 | 13.950 | yr 1998 |
| *yr* | *1999* | 0 | 0 | . | . | . | . | . | . | yr 1999 |
| *yr* | *2011* | 1 | 0.51237 | 1.20130 | 0.1819 | 0.6697 | 1.669 | 0.158 | 17.582 | yr 2011 |
| *yr* | *2012* | 1 | -0.13055 | 1.15374 | 0.0128 | 0.9099 | 0.878 | 0.091 | 8.421 | yr 2012 |
| *aspirin* |  | 1 | -0.58774 | 0.22563 | 6.7853 | 0.0092 | 0.556 | 0.357 | 0.865 |  |
| *statin* |  | 1 | 0.75319 | 0.41119 | 3.3553 | 0.0670 | 2.124 | 0.949 | 4.755 |  |
| *HDL* |  | 1 | -0.00218 | 0.27632 | 0.0001 | 0.9937 | 0.998 | 0.581 | 1.715 |  |
| *LDL* |  | 1 | -0.06805 | 0.10682 | 0.4059 | 0.5241 | 0.934 | 0.758 | 1.152 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 511 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *M* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 232 | 11 | 221 | 95.26 |
| *2* | 1 | 279 | 21 | 258 | 92.47 |
| *Total* |  | 511 | 32 | 479 | 93.74 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 316.659 | 276.172 |
| *AIC* | 316.659 | 350.172 |
| *SBC* | 316.659 | 404.405 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 40.4870 | 37 | 0.3191 |
| *Score* | 37.2819 | 37 | 0.4561 |
| *Wald* | 27.4433 | 37 | 0.8739 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.1912 | 0.5222 |
| *CENTER* | 3 | 2.8381 | 0.4173 |
| *GENDER* | 0 | . | . |
| *race* | 1 | 0.6159 | 0.4326 |
| *BMI* | 1 | 0.7310 | 0.3926 |
| *CTG* | 3 | 1.3786 | 0.7106 |
| *DRNK* | 2 | 0.1429 | 0.9311 |
| *HTN* | 1 | 1.7430 | 0.1868 |
| *ssri* | 1 | 0.4245 | 0.5147 |
| *DM1* | 1 | 0.0433 | 0.8351 |
| *yr* | 15 | 12.3272 | 0.6541 |
| *aspirin* | 1 | 1.2155 | 0.2703 |
| *statin* | 1 | 5.4060 | 0.0201 |
| *HDL* | 1 | 0.6352 | 0.4254 |
| *LDL* | 1 | 0.9255 | 0.3360 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.37329 | 0.82145 | 0.2065 | 0.6495 | 1.453 | 0.290 | 7.267 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.01562 | 0.74660 | 0.0004 | 0.9833 | 1.016 | 0.235 | 4.388 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | -0.14776 | 0.61729 | 0.0573 | 0.8108 | 0.863 | 0.257 | 2.892 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.12557 | 0.70882 | 0.0314 | 0.8594 | 0.882 | 0.220 | 3.538 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -1.02876 | 0.67076 | 2.3523 | 0.1251 | 0.357 | 0.096 | 1.331 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.62198 | 0.52208 | 1.4193 | 0.2335 | 1.863 | 0.669 | 5.182 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.85376 | 1.36876 | 0.3891 | 0.5328 | 0.426 | 0.029 | 6.227 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.55880 | 0.56538 | 0.9769 | 0.3230 | 1.749 | 0.577 | 5.296 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.96843 | 1.23402 | 0.6159 | 0.4326 | 2.634 | 0.235 | 29.579 |  |
| *BMI* |  | 1 | 0.03888 | 0.04547 | 0.7310 | 0.3926 | 1.040 | 0.951 | 1.137 |  |
| *CTG* | *1* | 1 | -1.33046 | 1.47497 | 0.8137 | 0.3670 | 0.264 | 0.015 | 4.761 | CTG 1 |
| *CTG* | *2* | 1 | -1.19799 | 1.39200 | 0.7407 | 0.3894 | 0.302 | 0.020 | 4.620 | CTG 2 |
| *CTG* | *3* | 1 | -1.60667 | 1.47818 | 1.1814 | 0.2771 | 0.201 | 0.011 | 3.635 | CTG 3 |
| *DRNK* | *1* | 1 | 0.01981 | 0.74227 | 0.0007 | 0.9787 | 1.020 | 0.238 | 4.369 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.17096 | 0.72654 | 0.0554 | 0.8140 | 1.186 | 0.286 | 4.928 | DRNK 2 |
| *HTN* |  | 1 | 0.62421 | 0.47280 | 1.7430 | 0.1868 | 1.867 | 0.739 | 4.716 |  |
| *ssri* |  | 1 | 0.31201 | 0.47886 | 0.4245 | 0.5147 | 1.366 | 0.534 | 3.492 |  |
| *DM1* |  | 1 | -0.12370 | 0.59431 | 0.0433 | 0.8351 | 0.884 | 0.276 | 2.832 |  |
| *yr* | *1987* | 1 | -0.69607 | 1.72515 | 0.1628 | 0.6866 | 0.499 | 0.017 | 14.661 | yr 1987 |
| *yr* | *1988* | 1 | 0.85817 | 1.48071 | 0.3359 | 0.5622 | 2.359 | 0.130 | 42.962 | yr 1988 |
| *yr* | *1989* | 1 | -1.70226 | 1.77458 | 0.9201 | 0.3374 | 0.182 | 0.006 | 5.905 | yr 1989 |
| *yr* | *1990* | 1 | -0.89172 | 1.73917 | 0.2629 | 0.6081 | 0.410 | 0.014 | 12.391 | yr 1990 |
| *yr* | *1991* | 1 | -0.37775 | 1.54559 | 0.0597 | 0.8069 | 0.685 | 0.033 | 14.176 | yr 1991 |
| *yr* | *1992* | 1 | -0.05803 | 1.49778 | 0.0015 | 0.9691 | 0.944 | 0.050 | 17.771 | yr 1992 |
| *yr* | *1993* | 1 | -0.01205 | 1.58111 | 0.0001 | 0.9939 | 0.988 | 0.045 | 21.908 | yr 1993 |
| *yr* | *1994* | 1 | -15.09524 | 1059 | 0.0002 | 0.9886 | 0.000 | 0.000 | . | yr 1994 |
| *yr* | *1995* | 1 | 0.24542 | 1.40764 | 0.0304 | 0.8616 | 1.278 | 0.081 | 20.173 | yr 1995 |
| *yr* | *1996* | 1 | -0.56411 | 1.52611 | 0.1366 | 0.7117 | 0.569 | 0.029 | 11.325 | yr 1996 |
| *yr* | *1997* | 1 | -0.96219 | 1.69449 | 0.3224 | 0.5701 | 0.382 | 0.014 | 10.580 | yr 1997 |
| *yr* | *1998* | 1 | 0.97469 | 1.44538 | 0.4547 | 0.5001 | 2.650 | 0.156 | 45.041 | yr 1998 |
| *yr* | *1999* | 1 | -15.93585 | 10628 | 0.0000 | 0.9988 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.57147 | 1.52320 | 0.1408 | 0.7075 | 0.565 | 0.029 | 11.178 | yr 2011 |
| *yr* | *2012* | 1 | -1.03660 | 1.55315 | 0.4454 | 0.5045 | 0.355 | 0.017 | 7.445 | yr 2012 |
| *aspirin* |  | 1 | -0.47931 | 0.43476 | 1.2155 | 0.2703 | 0.619 | 0.264 | 1.452 |  |
| *statin* |  | 1 | -2.71360 | 1.16710 | 5.4060 | 0.0201 | 0.066 | 0.007 | 0.653 |  |
| *HDL* |  | 1 | -0.52540 | 0.65920 | 0.6352 | 0.4254 | 0.591 | 0.162 | 2.152 |  |
| *LDL* |  | 1 | 0.22108 | 0.22982 | 0.9255 | 0.3360 | 1.247 | 0.795 | 1.957 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1404 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 737 | 57 | 680 | 92.27 |
| *2* | 1 | 667 | 40 | 627 | 94.00 |
| *Total* |  | 1404 | 97 | 1307 | 93.09 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1168.926 | 1148.348 |
| *AIC* | 1168.926 | 1168.348 |
| *SBC* | 1168.926 | 1194.095 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 20.5776 | 10 | 0.0242 |
| *Score* | 20.4119 | 10 | 0.0256 |
| *Wald* | 19.3834 | 10 | 0.0357 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 9.0354 | 0.1077 |
| *CENTER* | 3 | 0.6983 | 0.8736 |
| *race* | 1 | 0.0880 | 0.7667 |
| *ssri* | 1 | 0.9182 | 0.3380 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 1.04053 | 0.66778 | 2.4280 | 0.1192 | 2.831 | 0.765 | 10.479 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.37154 | 0.61805 | 4.9246 | 0.0265 | 3.941 | 1.174 | 13.235 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 1.22202 | 0.60587 | 4.0682 | 0.0437 | 3.394 | 1.035 | 11.128 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 1.35389 | 0.66367 | 4.1616 | 0.0414 | 3.872 | 1.055 | 14.220 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.66576 | 0.64258 | 1.0735 | 0.3002 | 1.946 | 0.552 | 6.856 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.10420 | 0.30422 | 0.1173 | 0.7320 | 0.901 | 0.496 | 1.636 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.25527 | 0.78994 | 0.1044 | 0.7466 | 1.291 | 0.274 | 6.071 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.22132 | 0.32451 | 0.4651 | 0.4952 | 0.801 | 0.424 | 1.514 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.22055 | 0.74345 | 0.0880 | 0.7667 | 1.247 | 0.290 | 5.353 |  |
| *ssri* |  | 1 | -0.21459 | 0.22395 | 0.9182 | 0.3380 | 0.807 | 0.520 | 1.251 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 553 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |
|  | *J* | 0 | 1 | 0 |  |  |
|  | *M* | 0 | 0 | 1 |  |  |
|  | *W* | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 251 | 15 | 236 | 94.02 |
| *2* | 1 | 302 | 23 | 279 | 92.38 |
| *Total* |  | 553 | 38 | 515 | 93.13 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 375.359 | 368.264 |
| *AIC* | 375.359 | 388.264 |
| *SBC* | 375.359 | 404.640 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 7.0948 | 10 | 0.7165 |
| *Score* | 6.6150 | 10 | 0.7612 |
| *Wald* | 6.0548 | 10 | 0.8106 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 5.4165 | 0.3672 |
| *CENTER* | 3 | 0.4119 | 0.9378 |
| *race* | 1 | 0.4158 | 0.5191 |
| *ssri* | 1 | 0.0047 | 0.9452 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.13881 | 0.67491 | 0.0423 | 0.8370 | 0.870 | 0.232 | 3.267 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.26186 | 0.59355 | 0.1946 | 0.6591 | 1.299 | 0.406 | 4.159 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.05288 | 0.51468 | 0.0106 | 0.9182 | 1.054 | 0.384 | 2.891 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.36156 | 0.60920 | 0.3522 | 0.5529 | 1.436 | 0.435 | 4.738 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.94057 | 0.61148 | 2.3660 | 0.1240 | 0.390 | 0.118 | 1.294 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.02806 | 0.43430 | 0.0042 | 0.9485 | 0.972 | 0.415 | 2.278 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.74016 | 1.21407 | 0.3717 | 0.5421 | 0.477 | 0.044 | 5.152 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.03454 | 0.45226 | 0.0058 | 0.9391 | 1.035 | 0.427 | 2.512 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.68844 | 1.06768 | 0.4158 | 0.5191 | 1.991 | 0.246 | 16.136 |  |
| *ssri* |  | 1 | -0.02554 | 0.37167 | 0.0047 | 0.9452 | 0.975 | 0.470 | 2.020 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 8659 1307 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 705 | 53 | 652 | 92.48 |
| *2* | 1 | 602 | 34 | 568 | 94.35 |
| *Total* |  | 1307 | 87 | 1220 | 93.34 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1043.195 | 982.768 |
| *AIC* | 1043.195 | 1056.768 |
| *SBC* | 1043.195 | 1148.006 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 60.4273 | 37 | 0.0089 |
| *Score* | 67.0080 | 37 | 0.0018 |
| *Wald* | 61.0892 | 37 | 0.0076 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 6.1883 | 0.2883 |
| *CENTER* | 3 | 0.5708 | 0.9031 |
| *GENDER* | 0 | . | . |
| *race* | 1 | 0.0073 | 0.9321 |
| *BMI* | 1 | 0.0039 | 0.9505 |
| *CTG* | 3 | 4.3003 | 0.2308 |
| *DRNK* | 2 | 0.4515 | 0.7979 |
| *HTN* | 1 | 2.9846 | 0.0841 |
| *ssri* | 1 | 0.1917 | 0.6615 |
| *DM1* | 1 | 6.9596 | 0.0083 |
| *yr* | 15 | 12.1677 | 0.6663 |
| *aspirin* | 1 | 6.7853 | 0.0092 |
| *statin* | 1 | 3.3553 | 0.0670 |
| *HDL* | 1 | 0.0001 | 0.9937 |
| *LDL* | 1 | 0.4059 | 0.5241 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.67356 | 0.69606 | 0.9364 | 0.3332 | 1.961 | 0.501 | 7.674 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.09056 | 0.63625 | 2.9379 | 0.0865 | 2.976 | 0.855 | 10.356 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.89974 | 0.61964 | 2.1084 | 0.1465 | 2.459 | 0.730 | 8.283 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 1.15519 | 0.67494 | 2.9294 | 0.0870 | 3.175 | 0.846 | 11.918 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 0.45988 | 0.65475 | 0.4933 | 0.4824 | 1.584 | 0.439 | 5.715 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.16068 | 0.33569 | 0.2291 | 0.6322 | 0.852 | 0.441 | 1.644 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | 0.04708 | 0.82298 | 0.0033 | 0.9544 | 1.048 | 0.209 | 5.260 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | -0.24592 | 0.35837 | 0.4709 | 0.4926 | 0.782 | 0.387 | 1.579 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.06670 | 0.78321 | 0.0073 | 0.9321 | 1.069 | 0.230 | 4.962 |  |
| *BMI* |  | 1 | -0.00125 | 0.02009 | 0.0039 | 0.9505 | 0.999 | 0.960 | 1.039 |  |
| *CTG* | *1* | 1 | -0.94820 | 0.89074 | 1.1332 | 0.2871 | 0.387 | 0.068 | 2.220 | CTG 1 |
| *CTG* | *2* | 1 | -0.92465 | 0.85534 | 1.1686 | 0.2797 | 0.397 | 0.074 | 2.121 | CTG 2 |
| *CTG* | *3* | 1 | -1.32823 | 0.86107 | 2.3795 | 0.1229 | 0.265 | 0.049 | 1.433 | CTG 3 |
| *DRNK* | *1* | 1 | -0.18509 | 0.29943 | 0.3821 | 0.5365 | 0.831 | 0.462 | 1.494 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.15631 | 0.29040 | 0.2897 | 0.5904 | 0.855 | 0.484 | 1.511 | DRNK 2 |
| *HTN* |  | 1 | 0.43626 | 0.25252 | 2.9846 | 0.0841 | 1.547 | 0.943 | 2.538 |  |
| *ssri* |  | 1 | 0.12078 | 0.27588 | 0.1917 | 0.6615 | 1.128 | 0.657 | 1.938 |  |
| *DM1* |  | 1 | 0.71836 | 0.27230 | 6.9596 | 0.0083 | 2.051 | 1.203 | 3.498 |  |
| *yr* | *1986* | 1 | 2.21065 | 1.64128 | 1.8141 | 0.1780 | 9.122 | 0.366 | 227.582 | yr 1986 |
| *yr* | *1987* | 1 | 1.21823 | 1.30424 | 0.8725 | 0.3503 | 3.381 | 0.262 | 43.575 | yr 1987 |
| *yr* | *1988* | 1 | 0.69617 | 1.29605 | 0.2885 | 0.5912 | 2.006 | 0.158 | 25.441 | yr 1988 |
| *yr* | *1989* | 1 | 0.68770 | 1.29843 | 0.2805 | 0.5964 | 1.989 | 0.156 | 25.345 | yr 1989 |
| *yr* | *1990* | 1 | 0.34902 | 1.31747 | 0.0702 | 0.7911 | 1.418 | 0.107 | 18.750 | yr 1990 |
| *yr* | *1991* | 1 | 0.82953 | 1.30739 | 0.4026 | 0.5258 | 2.292 | 0.177 | 29.724 | yr 1991 |
| *yr* | *1992* | 1 | 0.71695 | 1.29299 | 0.3075 | 0.5792 | 2.048 | 0.162 | 25.820 | yr 1992 |
| *yr* | *1993* | 1 | -0.43689 | 1.41911 | 0.0948 | 0.7582 | 0.646 | 0.040 | 10.428 | yr 1993 |
| *yr* | *1994* | 1 | 0.19643 | 1.33503 | 0.0216 | 0.8830 | 1.217 | 0.089 | 16.660 | yr 1994 |
| *yr* | *1995* | 1 | -0.17943 | 1.32572 | 0.0183 | 0.8923 | 0.836 | 0.062 | 11.234 | yr 1995 |
| *yr* | *1996* | 1 | 0.39703 | 1.27158 | 0.0975 | 0.7549 | 1.487 | 0.123 | 17.980 | yr 1996 |
| *yr* | *1997* | 1 | 0.00558 | 1.31275 | 0.0000 | 0.9966 | 1.006 | 0.077 | 13.178 | yr 1997 |
| *yr* | *1998* | 1 | 0.08045 | 1.30359 | 0.0038 | 0.9508 | 1.084 | 0.084 | 13.950 | yr 1998 |
| *yr* | *1999* | 0 | 0 | . | . | . | . | . | . | yr 1999 |
| *yr* | *2011* | 1 | 0.51237 | 1.20130 | 0.1819 | 0.6697 | 1.669 | 0.158 | 17.582 | yr 2011 |
| *yr* | *2012* | 1 | -0.13055 | 1.15374 | 0.0128 | 0.9099 | 0.878 | 0.091 | 8.421 | yr 2012 |
| *aspirin* |  | 1 | -0.58774 | 0.22563 | 6.7853 | 0.0092 | 0.556 | 0.357 | 0.865 |  |
| *statin* |  | 1 | 0.75319 | 0.41119 | 3.3553 | 0.0670 | 2.124 | 0.949 | 4.755 |  |
| *HDL* |  | 1 | -0.00218 | 0.27632 | 0.0001 | 0.9937 | 0.998 | 0.581 | 1.715 |  |
| *LDL* |  | 1 | -0.06805 | 0.10682 | 0.4059 | 0.5241 | 0.934 | 0.758 | 1.152 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 7030 511 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *M* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 232 | 11 | 221 | 95.26 |
| *2* | 1 | 279 | 21 | 258 | 92.47 |
| *Total* |  | 511 | 32 | 479 | 93.74 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 316.659 | 276.172 |
| *AIC* | 316.659 | 350.172 |
| *SBC* | 316.659 | 404.405 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 40.4870 | 37 | 0.3191 |
| *Score* | 37.2819 | 37 | 0.4561 |
| *Wald* | 27.4433 | 37 | 0.8739 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.1912 | 0.5222 |
| *CENTER* | 3 | 2.8381 | 0.4173 |
| *GENDER* | 0 | . | . |
| *race* | 1 | 0.6159 | 0.4326 |
| *BMI* | 1 | 0.7310 | 0.3926 |
| *CTG* | 3 | 1.3786 | 0.7106 |
| *DRNK* | 2 | 0.1429 | 0.9311 |
| *HTN* | 1 | 1.7430 | 0.1868 |
| *ssri* | 1 | 0.4245 | 0.5147 |
| *DM1* | 1 | 0.0433 | 0.8351 |
| *yr* | 15 | 12.3272 | 0.6541 |
| *aspirin* | 1 | 1.2155 | 0.2703 |
| *statin* | 1 | 5.4060 | 0.0201 |
| *HDL* | 1 | 0.6352 | 0.4254 |
| *LDL* | 1 | 0.9255 | 0.3360 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.37329 | 0.82145 | 0.2065 | 0.6495 | 1.453 | 0.290 | 7.267 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.01562 | 0.74660 | 0.0004 | 0.9833 | 1.016 | 0.235 | 4.388 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | -0.14776 | 0.61729 | 0.0573 | 0.8108 | 0.863 | 0.257 | 2.892 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | -0.12557 | 0.70882 | 0.0314 | 0.8594 | 0.882 | 0.220 | 3.538 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -1.02876 | 0.67076 | 2.3523 | 0.1251 | 0.357 | 0.096 | 1.331 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.62198 | 0.52208 | 1.4193 | 0.2335 | 1.863 | 0.669 | 5.182 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *J* | 1 | -0.85376 | 1.36876 | 0.3891 | 0.5328 | 0.426 | 0.029 | 6.227 | ARIC FIELD CENTER (CIR) J |
| *CENTER* | *M* | 1 | 0.55880 | 0.56538 | 0.9769 | 0.3230 | 1.749 | 0.577 | 5.296 | ARIC FIELD CENTER (CIR) M |
| *race* |  | 1 | 0.96843 | 1.23402 | 0.6159 | 0.4326 | 2.634 | 0.235 | 29.579 |  |
| *BMI* |  | 1 | 0.03888 | 0.04547 | 0.7310 | 0.3926 | 1.040 | 0.951 | 1.137 |  |
| *CTG* | *1* | 1 | -1.33046 | 1.47497 | 0.8137 | 0.3670 | 0.264 | 0.015 | 4.761 | CTG 1 |
| *CTG* | *2* | 1 | -1.19799 | 1.39200 | 0.7407 | 0.3894 | 0.302 | 0.020 | 4.620 | CTG 2 |
| *CTG* | *3* | 1 | -1.60667 | 1.47818 | 1.1814 | 0.2771 | 0.201 | 0.011 | 3.635 | CTG 3 |
| *DRNK* | *1* | 1 | 0.01981 | 0.74227 | 0.0007 | 0.9787 | 1.020 | 0.238 | 4.369 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.17096 | 0.72654 | 0.0554 | 0.8140 | 1.186 | 0.286 | 4.928 | DRNK 2 |
| *HTN* |  | 1 | 0.62421 | 0.47280 | 1.7430 | 0.1868 | 1.867 | 0.739 | 4.716 |  |
| *ssri* |  | 1 | 0.31201 | 0.47886 | 0.4245 | 0.5147 | 1.366 | 0.534 | 3.492 |  |
| *DM1* |  | 1 | -0.12370 | 0.59431 | 0.0433 | 0.8351 | 0.884 | 0.276 | 2.832 |  |
| *yr* | *1987* | 1 | -0.69607 | 1.72515 | 0.1628 | 0.6866 | 0.499 | 0.017 | 14.661 | yr 1987 |
| *yr* | *1988* | 1 | 0.85817 | 1.48071 | 0.3359 | 0.5622 | 2.359 | 0.130 | 42.962 | yr 1988 |
| *yr* | *1989* | 1 | -1.70226 | 1.77458 | 0.9201 | 0.3374 | 0.182 | 0.006 | 5.905 | yr 1989 |
| *yr* | *1990* | 1 | -0.89172 | 1.73917 | 0.2629 | 0.6081 | 0.410 | 0.014 | 12.391 | yr 1990 |
| *yr* | *1991* | 1 | -0.37775 | 1.54559 | 0.0597 | 0.8069 | 0.685 | 0.033 | 14.176 | yr 1991 |
| *yr* | *1992* | 1 | -0.05803 | 1.49778 | 0.0015 | 0.9691 | 0.944 | 0.050 | 17.771 | yr 1992 |
| *yr* | *1993* | 1 | -0.01205 | 1.58111 | 0.0001 | 0.9939 | 0.988 | 0.045 | 21.908 | yr 1993 |
| *yr* | *1994* | 1 | -15.09524 | 1059 | 0.0002 | 0.9886 | 0.000 | 0.000 | . | yr 1994 |
| *yr* | *1995* | 1 | 0.24542 | 1.40764 | 0.0304 | 0.8616 | 1.278 | 0.081 | 20.173 | yr 1995 |
| *yr* | *1996* | 1 | -0.56411 | 1.52611 | 0.1366 | 0.7117 | 0.569 | 0.029 | 11.325 | yr 1996 |
| *yr* | *1997* | 1 | -0.96219 | 1.69449 | 0.3224 | 0.5701 | 0.382 | 0.014 | 10.580 | yr 1997 |
| *yr* | *1998* | 1 | 0.97469 | 1.44538 | 0.4547 | 0.5001 | 2.650 | 0.156 | 45.041 | yr 1998 |
| *yr* | *1999* | 1 | -15.93585 | 10628 | 0.0000 | 0.9988 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.57147 | 1.52320 | 0.1408 | 0.7075 | 0.565 | 0.029 | 11.178 | yr 2011 |
| *yr* | *2012* | 1 | -1.03660 | 1.55315 | 0.4454 | 0.5045 | 0.355 | 0.017 | 7.445 | yr 2012 |
| *aspirin* |  | 1 | -0.47931 | 0.43476 | 1.2155 | 0.2703 | 0.619 | 0.264 | 1.452 |  |
| *statin* |  | 1 | -2.71360 | 1.16710 | 5.4060 | 0.0201 | 0.066 | 0.007 | 0.653 |  |
| *HDL* |  | 1 | -0.52540 | 0.65920 | 0.6352 | 0.4254 | 0.591 | 0.162 | 2.152 |  |
| *LDL* |  | 1 | 0.22108 | 0.22982 | 0.9255 | 0.3360 | 1.247 | 0.795 | 1.957 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1529 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 | 0 |  |  |  |
|  | *M* | 0 | 1 |  |  |  |
|  | *W* | 0 | 0 |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 758 | 47 | 711 | 93.80 |
| *2* | 1 | 771 | 47 | 724 | 93.90 |
| *Total* |  | 1529 | 94 | 1435 | 93.85 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 1134.864 | 1117.989 |
| *AIC* | 1134.864 | 1135.989 |
| *SBC* | 1134.864 | 1158.879 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 16.8753 | 9 | 0.0507 |
| *Score* | 16.6449 | 9 | 0.0546 |
| *Wald* | 15.7315 | 9 | 0.0727 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 12.6716 | 0.0267 |
| *CENTER* | 2 | 0.2296 | 0.8916 |
| *GENDER* | 1 | 1.9105 | 0.1669 |
| *ssri* | 1 | 0.3616 | 0.5476 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | -0.08576 | 0.59914 | 0.0205 | 0.8862 | 0.918 | 0.284 | 2.970 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.52472 | 0.46160 | 1.2922 | 0.2556 | 1.690 | 0.684 | 4.176 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.17163 | 0.42217 | 0.1653 | 0.6843 | 1.187 | 0.519 | 2.716 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.56519 | 0.47405 | 1.4215 | 0.2332 | 1.760 | 0.695 | 4.456 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.58650 | 0.46217 | 1.6104 | 0.2044 | 0.556 | 0.225 | 1.376 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.10874 | 0.24964 | 0.1897 | 0.6631 | 0.897 | 0.550 | 1.463 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *M* | 1 | -0.10336 | 0.26659 | 0.1503 | 0.6982 | 0.902 | 0.535 | 1.521 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.30848 | 0.22318 | 1.9105 | 0.1669 | 0.735 | 0.474 | 1.138 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.13239 | 0.22015 | 0.3616 | 0.5476 | 0.876 | 0.569 | 1.349 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 428 |

| *Class Level Information* | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | |
| *CENTER* | *F* | 1 |  |  |  |  |
|  | *J* | 0 |  |  |  |  |
|  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |
|  | *2* | 0 | 1 | 0 | 0 | 0 |
|  | *3* | 0 | 0 | 1 | 0 | 0 |
|  | *4* | 0 | 0 | 0 | 1 | 0 |
|  | *5* | 0 | 0 | 0 | 0 | 1 |
|  | *6* | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |
|  | *M* | 0 |  |  |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 230 | 25 | 205 | 89.13 |
| *2* | 1 | 198 | 16 | 182 | 91.92 |
| *Total* |  | 428 | 41 | 387 | 90.42 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 397.287 | 390.243 |
| *AIC* | 397.287 | 406.243 |
| *SBC* | 397.287 | 419.952 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 7.0441 | 8 | 0.5319 |
| *Score* | 6.2014 | 8 | 0.6247 |
| *Wald* | 5.6737 | 8 | 0.6837 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 4.6135 | 0.4648 |
| *CENTER* | 1 | 0.0941 | 0.7591 |
| *GENDER* | 1 | 0.2151 | 0.6428 |
| *ssri* | 1 | 0.8821 | 0.3476 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 1.18376 | 0.79231 | 2.2322 | 0.1352 | 3.267 | 0.691 | 15.435 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.26794 | 0.76953 | 2.7149 | 0.0994 | 3.554 | 0.786 | 16.058 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 1.51868 | 0.76218 | 3.9703 | 0.0463 | 4.566 | 1.025 | 20.339 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.78322 | 1.00598 | 0.6062 | 0.4362 | 2.189 | 0.305 | 15.720 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 1.08071 | 0.84402 | 1.6395 | 0.2004 | 2.947 | 0.564 | 15.409 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | -0.18655 | 0.60823 | 0.0941 | 0.7591 | 0.830 | 0.252 | 2.733 | ARIC FIELD CENTER (CIR) F |
| *GENDER* | *F* | 1 | 0.20965 | 0.45204 | 0.2151 | 0.6428 | 1.233 | 0.508 | 2.991 | SEX (from FTRA22) F |
| *ssri* |  | 1 | -0.36622 | 0.38993 | 0.8821 | 0.3476 | 0.693 | 0.323 | 1.489 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 11478 1434 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *W* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1986* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1987* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1988* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1989* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1990* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1991* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
|  | *1999* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 721 | 41 | 680 | 94.31 |
| *2* | 1 | 713 | 42 | 671 | 94.11 |
| *Total* |  | 1434 | 83 | 1351 | 94.21 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 999.128 | 948.229 |
| *AIC* | 999.128 | 1022.229 |
| *SBC* | 999.128 | 1111.726 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 50.8987 | 37 | 0.0637 |
| *Score* | 54.2852 | 37 | 0.0332 |
| *Wald* | 48.7125 | 37 | 0.0942 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 8.6330 | 0.1246 |
| *CENTER* | 2 | 0.2638 | 0.8764 |
| *GENDER* | 1 | 0.1018 | 0.7497 |
| *BMI* | 1 | 1.1977 | 0.2738 |
| *CTG* | 3 | 4.9419 | 0.1761 |
| *DRNK* | 2 | 1.1296 | 0.5685 |
| *HTN* | 1 | 0.7803 | 0.3770 |
| *ssri* | 1 | 0.4091 | 0.5224 |
| *DM1* | 1 | 2.9374 | 0.0866 |
| *yr* | 16 | 13.8252 | 0.6117 |
| *aspirin* | 1 | 5.0662 | 0.0244 |
| *statin* | 1 | 0.2247 | 0.6355 |
| *HDL* | 1 | 0.4572 | 0.4989 |
| *LDL* | 1 | 0.4073 | 0.5233 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 0.06612 | 0.68059 | 0.0094 | 0.9226 | 1.068 | 0.281 | 4.055 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 0.50131 | 0.51852 | 0.9347 | 0.3336 | 1.651 | 0.598 | 4.561 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 0.23689 | 0.46774 | 0.2565 | 0.6125 | 1.267 | 0.507 | 3.170 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 0.49978 | 0.51363 | 0.9468 | 0.3305 | 1.648 | 0.602 | 4.511 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | -0.50572 | 0.50069 | 1.0202 | 0.3125 | 0.603 | 0.226 | 1.609 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.12101 | 0.28185 | 0.1843 | 0.6677 | 1.129 | 0.650 | 1.961 | ARIC FIELD CENTER (CIR) F |
| *CENTER* | *M* | 1 | -0.01385 | 0.30081 | 0.0021 | 0.9633 | 0.986 | 0.547 | 1.778 | ARIC FIELD CENTER (CIR) M |
| *GENDER* | *F* | 1 | -0.09049 | 0.28364 | 0.1018 | 0.7497 | 0.913 | 0.524 | 1.593 | SEX (from FTRA22) F |
| *BMI* |  | 1 | 0.02430 | 0.02220 | 1.1977 | 0.2738 | 1.025 | 0.981 | 1.070 |  |
| *CTG* | *1* | 1 | -0.83791 | 0.75382 | 1.2356 | 0.2663 | 0.433 | 0.099 | 1.896 | CTG 1 |
| *CTG* | *2* | 1 | -0.97920 | 0.71330 | 1.8845 | 0.1698 | 0.376 | 0.093 | 1.520 | CTG 2 |
| *CTG* | *3* | 1 | -1.33684 | 0.73003 | 3.3533 | 0.0671 | 0.263 | 0.063 | 1.099 | CTG 3 |
| *DRNK* | *1* | 1 | 0.29958 | 0.35975 | 0.6935 | 0.4050 | 1.349 | 0.667 | 2.731 | DRNK 1 |
| *DRNK* | *2* | 1 | 0.37746 | 0.35648 | 1.1212 | 0.2897 | 1.459 | 0.725 | 2.933 | DRNK 2 |
| *HTN* |  | 1 | 0.21694 | 0.24559 | 0.7803 | 0.3770 | 1.242 | 0.768 | 2.010 |  |
| *ssri* |  | 1 | 0.17183 | 0.26863 | 0.4091 | 0.5224 | 1.187 | 0.701 | 2.010 |  |
| *DM1* |  | 1 | 0.51349 | 0.29961 | 2.9374 | 0.0866 | 1.671 | 0.929 | 3.006 |  |
| *yr* | *1986* | 1 | 1.79321 | 1.40898 | 1.6198 | 0.2031 | 6.009 | 0.380 | 95.085 | yr 1986 |
| *yr* | *1987* | 1 | 0.21326 | 1.01595 | 0.0441 | 0.8337 | 1.238 | 0.169 | 9.066 | yr 1987 |
| *yr* | *1988* | 1 | 0.50655 | 0.98452 | 0.2647 | 0.6069 | 1.660 | 0.241 | 11.429 | yr 1988 |
| *yr* | *1989* | 1 | 0.07812 | 1.00076 | 0.0061 | 0.9378 | 1.081 | 0.152 | 7.687 | yr 1989 |
| *yr* | *1990* | 1 | -0.36889 | 1.08877 | 0.1148 | 0.7347 | 0.692 | 0.082 | 5.842 | yr 1990 |
| *yr* | *1991* | 1 | -0.32299 | 1.05058 | 0.0945 | 0.7585 | 0.724 | 0.092 | 5.675 | yr 1991 |
| *yr* | *1992* | 1 | 0.46910 | 0.97712 | 0.2305 | 0.6312 | 1.599 | 0.236 | 10.851 | yr 1992 |
| *yr* | *1993* | 1 | -0.58053 | 1.07491 | 0.2917 | 0.5891 | 0.560 | 0.068 | 4.601 | yr 1993 |
| *yr* | *1994* | 1 | -1.76312 | 1.35864 | 1.6840 | 0.1944 | 0.172 | 0.012 | 2.459 | yr 1994 |
| *yr* | *1995* | 1 | -0.04003 | 0.95482 | 0.0018 | 0.9666 | 0.961 | 0.148 | 6.242 | yr 1995 |
| *yr* | *1996* | 1 | -0.20778 | 0.98031 | 0.0449 | 0.8321 | 0.812 | 0.119 | 5.549 | yr 1996 |
| *yr* | *1997* | 1 | -0.65991 | 1.01955 | 0.4189 | 0.5175 | 0.517 | 0.070 | 3.813 | yr 1997 |
| *yr* | *1998* | 1 | 0.05003 | 0.96438 | 0.0027 | 0.9586 | 1.051 | 0.159 | 6.960 | yr 1998 |
| *yr* | *1999* | 1 | -9.33833 | 652.96332 | 0.0002 | 0.9886 | 0.000 | 0.000 | . | yr 1999 |
| *yr* | *2011* | 1 | -0.11175 | 0.92075 | 0.0147 | 0.9034 | 0.894 | 0.147 | 5.435 | yr 2011 |
| *yr* | *2012* | 1 | -0.39422 | 0.86681 | 0.2068 | 0.6493 | 0.674 | 0.123 | 3.687 | yr 2012 |
| *aspirin* |  | 1 | -0.51509 | 0.22885 | 5.0662 | 0.0244 | 0.597 | 0.382 | 0.936 |  |
| *statin* |  | 1 | -0.19512 | 0.41166 | 0.2247 | 0.6355 | 0.823 | 0.367 | 1.844 |  |
| *HDL* |  | 1 | -0.21436 | 0.31704 | 0.4572 | 0.4989 | 0.807 | 0.434 | 1.502 |  |
| *LDL* |  | 1 | -0.07512 | 0.11770 | 0.4073 | 0.5233 | 0.928 | 0.737 | 1.168 |  |

| *Model Information* | | |
| --- | --- | --- |
| *Data Set* | WORK.MRG\_F |  |
| *Dependent Variable* | stime\_IS |  |
| *Censoring Variable* | C7\_IN16ISC | Def/Prob Ischemic Inc. Stroke by Censoring Date |
| *Censoring Value(s)* | 0 |  |
| *Ties Handling* | EFRON |  |

|  |  |
| --- | --- |
| *Number of Observations Read Number of Observations Used* | 4211 384 |

| *Class Level Information* | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Class* | *Value* | *Design Variables* | | | | | | | | | | | | | | | |
| *CENTER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *J* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *ELEVEL01* | *1* | 1 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  | *5* | 0 | 0 | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | *6* | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *GENDER* | *F* | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *M* | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *DRNK* | *1* | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *CTG* | *1* | 1 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *2* | 0 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *3* | 0 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *4* | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *yr* | *1987* | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1988* | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1989* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1990* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1991* | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1992* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1993* | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1994* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1995* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |  |  |
|  | *1996* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |  |  |
|  | *1997* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |  |  |
|  | *1998* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |  |  |
|  | *2011* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |  |  |
|  | *2012* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |  |
|  | *2013* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |

| *Summary of the Number of Event and Censored Values* | | | | | |
| --- | --- | --- | --- | --- | --- |
| *Stratum* | *age\_cat* | *Total* | *Event* | *Censored* | *Percent Censored* |
| *1* | 0 | 216 | 23 | 193 | 89.35 |
| *2* | 1 | 168 | 13 | 155 | 92.26 |
| *Total* |  | 384 | 36 | 348 | 90.63 |

| *Convergence Status* |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| *Model Fit Statistics* | | |
| --- | --- | --- |
| *Criterion* | *Without Covariates* | *With Covariates* |
| *-2 LOG L* | 345.148 | 309.512 |
| *AIC* | 345.148 | 377.512 |
| *SBC* | 345.148 | 431.352 |

| *Testing Global Null Hypothesis: BETA=0* | | | |
| --- | --- | --- | --- |
| *Test* | *Chi-Square* | *DF* | *Pr > ChiSq* |
| *Likelihood Ratio* | 35.6352 | 34 | 0.3913 |
| *Score* | 31.3484 | 34 | 0.5983 |
| *Wald* | 24.1601 | 34 | 0.8943 |

| *Type 3 Tests* | | | |
| --- | --- | --- | --- |
| *Effect* | *DF* | *Wald Chi-Square* | *Pr > ChiSq* |
| *ELEVEL01* | 5 | 3.4756 | 0.6271 |
| *CENTER* | 1 | 0.0001 | 0.9943 |
| *GENDER* | 1 | 0.0335 | 0.8547 |
| *BMI* | 1 | 1.3696 | 0.2419 |
| *CTG* | 3 | 2.2714 | 0.5180 |
| *DRNK* | 2 | 2.4709 | 0.2907 |
| *HTN* | 1 | 3.4529 | 0.0631 |
| *ssri* | 1 | 0.0605 | 0.8057 |
| *DM1* | 1 | 1.3673 | 0.2423 |
| *yr* | 14 | 8.0314 | 0.8877 |
| *aspirin* | 1 | 2.4513 | 0.1174 |
| *statin* | 1 | 1.9308 | 0.1647 |
| *HDL* | 1 | 0.1219 | 0.7270 |
| *LDL* | 1 | 0.0550 | 0.8146 |

| *Analysis of Maximum Likelihood Estimates* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Parameter* |  | *DF* | *Parameter Estimate* | *Standard Error* | *Chi-Square* | *Pr > ChiSq* | *Hazard Ratio* | *95% Hazard Ratio Confidence Limits* | | *Label* |
| *ELEVEL01* | *1* | 1 | 1.37563 | 0.87594 | 2.4664 | 0.1163 | 3.958 | 0.711 | 22.031 | EDUCATION LEVEL, DEFINITION 1 1 |
| *ELEVEL01* | *2* | 1 | 1.37213 | 0.84602 | 2.6304 | 0.1048 | 3.944 | 0.751 | 20.704 | EDUCATION LEVEL, DEFINITION 1 2 |
| *ELEVEL01* | *3* | 1 | 1.48044 | 0.83298 | 3.1587 | 0.0755 | 4.395 | 0.859 | 22.490 | EDUCATION LEVEL, DEFINITION 1 3 |
| *ELEVEL01* | *4* | 1 | 1.01804 | 1.08329 | 0.8832 | 0.3473 | 2.768 | 0.331 | 23.133 | EDUCATION LEVEL, DEFINITION 1 4 |
| *ELEVEL01* | *5* | 1 | 1.10075 | 0.88411 | 1.5501 | 0.2131 | 3.006 | 0.531 | 17.006 | EDUCATION LEVEL, DEFINITION 1 5 |
| *CENTER* | *F* | 1 | 0.00462 | 0.64845 | 0.0001 | 0.9943 | 1.005 | 0.282 | 3.581 | ARIC FIELD CENTER (CIR) F |
| *GENDER* | *F* | 1 | 0.10630 | 0.58062 | 0.0335 | 0.8547 | 1.112 | 0.356 | 3.471 | SEX (from FTRA22) F |
| *BMI* |  | 1 | -0.04000 | 0.03418 | 1.3696 | 0.2419 | 0.961 | 0.899 | 1.027 |  |
| *CTG* | *1* | 1 | 0.39690 | 2951 | 0.0000 | 0.9999 | 1.487 | 0.000 | . | CTG 1 |
| *CTG* | *2* | 1 | 0.87893 | 2951 | 0.0000 | 0.9998 | 2.408 | 0.000 | . | CTG 2 |
| *CTG* | *3* | 1 | 0.27318 | 2951 | 0.0000 | 0.9999 | 1.314 | 0.000 | . | CTG 3 |
| *DRNK* | *1* | 1 | -0.87720 | 0.59993 | 2.1379 | 0.1437 | 0.416 | 0.128 | 1.348 | DRNK 1 |
| *DRNK* | *2* | 1 | -0.46590 | 0.45439 | 1.0513 | 0.3052 | 0.628 | 0.258 | 1.529 | DRNK 2 |
| *HTN* |  | 1 | 0.98329 | 0.52916 | 3.4529 | 0.0631 | 2.673 | 0.948 | 7.542 |  |
| *ssri* |  | 1 | 0.12499 | 0.50818 | 0.0605 | 0.8057 | 1.133 | 0.419 | 3.068 |  |
| *DM1* |  | 1 | 0.48718 | 0.41664 | 1.3673 | 0.2423 | 1.628 | 0.719 | 3.683 |  |
| *yr* | *1987* | 1 | 16.47432 | 2805 | 0.0000 | 0.9953 | 14279232 | 0.000 | . | yr 1987 |
| *yr* | *1988* | 1 | 15.85765 | 2805 | 0.0000 | 0.9955 | 7707100 | 0.000 | . | yr 1988 |
| *yr* | *1989* | 1 | 15.03185 | 2805 | 0.0000 | 0.9957 | 3374816 | 0.000 | . | yr 1989 |
| *yr* | *1990* | 1 | 15.42634 | 2805 | 0.0000 | 0.9956 | 5006946 | 0.000 | . | yr 1990 |
| *yr* | *1991* | 1 | 16.17415 | 2805 | 0.0000 | 0.9954 | 10576554 | 0.000 | . | yr 1991 |
| *yr* | *1992* | 1 | 14.97881 | 2805 | 0.0000 | 0.9957 | 3200463 | 0.000 | . | yr 1992 |
| *yr* | *1993* | 1 | 14.86075 | 2805 | 0.0000 | 0.9958 | 2844082 | 0.000 | . | yr 1993 |
| *yr* | *1994* | 1 | 15.54903 | 2805 | 0.0000 | 0.9956 | 5660524 | 0.000 | . | yr 1994 |
| *yr* | *1995* | 1 | 14.28058 | 2805 | 0.0000 | 0.9959 | 1592124 | 0.000 | . | yr 1995 |
| *yr* | *1996* | 1 | 15.93548 | 2805 | 0.0000 | 0.9955 | 8330895 | 0.000 | . | yr 1996 |
| *yr* | *1997* | 1 | 14.91556 | 2805 | 0.0000 | 0.9958 | 3004327 | 0.000 | . | yr 1997 |
| *yr* | *1998* | 1 | 15.47015 | 2805 | 0.0000 | 0.9956 | 5231173 | 0.000 | . | yr 1998 |
| *yr* | *2011* | 1 | 14.50859 | 2805 | 0.0000 | 0.9959 | 1999873 | 0.000 | . | yr 2011 |
| *yr* | *2012* | 1 | 0.04424 | 2860 | 0.0000 | 1.0000 | 1.045 | 0.000 | . | yr 2012 |
| *aspirin* |  | 1 | -0.61207 | 0.39093 | 2.4513 | 0.1174 | 0.542 | 0.252 | 1.167 |  |
| *statin* |  | 1 | 1.31679 | 0.94766 | 1.9308 | 0.1647 | 3.731 | 0.582 | 23.907 |  |
| *HDL* |  | 1 | -0.16850 | 0.48270 | 0.1219 | 0.7270 | 0.845 | 0.328 | 2.176 |  |
| *LDL* |  | 1 | 0.03802 | 0.16211 | 0.0550 | 0.8146 | 1.039 | 0.756 | 1.427 |  |

| *Variable* | *Median* | *Minimum* | *Maximum* |
| --- | --- | --- | --- |
| stime\_AF stime\_HF stime\_MI stime\_IS | 4912.00 4863.00 4945.00 5133.00 | 14.0000000 14.0000000 14.0000000 14.0000000 | 10972.00 10945.00 10972.00 10972.00 |

| *Variable* | *Median* | *Minimum* | *Maximum* |
| --- | --- | --- | --- |
| stime\_AF stime\_HF stime\_MI stime\_IS | 4912.00 4863.00 4945.00 5133.00 | 14.0000000 14.0000000 14.0000000 14.0000000 | 10972.00 10945.00 10972.00 10972.00 |

| *Analysis Variable : age* | |
| --- | --- |
| *Mean* | *Std Dev* |
| 63.1134682 | 10.2091142 |

| *SEX (from FTRA22)* | | | | |
| --- | --- | --- | --- | --- |
| *GENDER* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| *F* | 1,438 | 70.9 | 1,438 | 70.9 |
| *M* | 589 | 29.1 | 2,027 | 100.0 |

| *RACE (from FTRA23)* | | | | |
| --- | --- | --- | --- | --- |
| *RACEGRP* | *Frequency* | *Percent* | *Cumulative Frequency* | *Cumulative Percent* |
| *B* | 447 | 22.1 | 447 | 22.1 |
| *W* | 1,580 | 77.9 | 2,027 | 100.0 |

| *Table of afinc by ssri* | | | |
| --- | --- | --- | --- |
| *afinc(Incident AF)* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 834 43.94 53.15 81.13 | 735 38.72 46.85 84.48 | 1569 82.67 |
| *1* | 194 10.22 58.97 18.87 | 135 7.11 41.03 15.52 | 329 17.33 |
| *Total* | 1028 54.16 | 870 45.84 | 1898 100.00 |
| *Frequency Missing = 48* | | | |

| *Table of C7\_MI16 by ssri* | | | |
| --- | --- | --- | --- |
| *C7\_MI16(MI by Censoring Date)* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 923 47.55 52.95 87.65 | 820 42.25 47.05 92.34 | 1743 89.80 |
| *1* | 130 6.70 65.66 12.35 | 68 3.50 34.34 7.66 | 198 10.20 |
| *Total* | 1053 54.25 | 888 45.75 | 1941 100.00 |

| *Table of C7\_IN16ISC by ssri* | | | |
| --- | --- | --- | --- |
| *C7\_IN16ISC(Def/Prob Ischemic Inc. Stroke by Censoring Date)* | *ssri* | | |
| *Frequency Percent Row Pct Col Pct* | *0* | *1* | *Total* |
| *0* | 975 49.67 53.34 91.55 | 853 43.45 46.66 94.99 | 1828 93.12 |
| *1* | 90 4.58 66.67 8.45 | 45 2.29 33.33 5.01 | 135 6.88 |
| *Total* | 1065 54.25 | 898 45.75 | 1963 100.00 |