AFTER EXCLUDING POTENTIAL INFLUENTIAL CASES:

Diabetes All Cause:

Call:

svycoxph(formula = Surv(fuTime, allCauseMort) ~ factor(CRN) +

factor(EduR) + AGE + factor(IncomeR) + factor(SEX) + factor(InsType) +

factor(RaceR) + factor(CancerEvBin) + factor(AnyCVDHT), design = diab.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 0.166946 1.181691 0.040825 4.089 4.33e-05

factor(EduR)2 -0.039514 0.961257 0.029376 -1.345 0.178586

factor(EduR)3 -0.210423 0.810241 0.040000 -5.261 1.44e-07

AGE 0.061382 1.063305 0.001238 49.575 < 2e-16

factor(IncomeR)1 -0.110609 0.895289 0.031337 -3.530 0.000416

factor(IncomeR)2 -0.265224 0.767034 0.035744 -7.420 1.17e-13

factor(IncomeR)3 -0.425454 0.653473 0.049480 -8.599 < 2e-16

factor(IncomeR)4 -0.799426 0.449587 0.144170 -5.545 2.94e-08

factor(IncomeR)5 -0.481187 0.618049 0.097271 -4.947 7.54e-07

factor(SEX)2 -0.367548 0.692430 0.024326 -15.109 < 2e-16

factor(InsType)1 0.393492 1.482147 0.066309 5.934 2.95e-09

factor(InsType)2 0.038628 1.039384 0.063177 0.611 0.540917

factor(InsType)3 0.201523 1.223264 0.082613 2.439 0.014713

factor(InsType)4 0.162651 1.176626 0.065667 2.477 0.013252

factor(InsType)5 -0.110216 0.895641 0.191797 -0.575 0.565528

factor(RaceR)2 -0.091075 0.912950 0.030940 -2.944 0.003245

factor(RaceR)3 -0.388598 0.678007 0.040496 -9.596 < 2e-16

factor(RaceR)4 -0.056627 0.944946 0.121007 -0.468 0.639807

factor(RaceR)5 -0.630348 0.532407 0.081744 -7.711 1.25e-14

factor(RaceR)6 -0.563110 0.569435 0.422367 -1.333 0.182458

factor(CancerEvBin)1 0.246294 1.279275 0.030451 8.088 6.05e-16

factor(AnyCVDHT)1 0.340157 1.405169 0.033273 10.223 < 2e-16

Likelihood ratio test= on 22 df, p=

n= 37240, number of events= 8737

(1 observation deleted due to missingness)

Cardiovascular Disease All Cause:

Call:

svycoxph(formula = Surv(fuTime, allCauseMort) ~ factor(CRN) +

factor(EduR) + AGE + factor(IncomeR) + factor(SEX) + factor(InsType) +

factor(RaceR) + factor(CancerEvBin) + factor(DiabetesRec) +

factor(HyperTen), design = cvd.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 0.1252691 1.1334534 0.0311402 4.023 5.75e-05

factor(EduR)2 -0.0969336 0.9076163 0.0215403 -4.500 6.79e-06

factor(EduR)3 -0.2806383 0.7553014 0.0288260 -9.736 < 2e-16

AGE 0.0733649 1.0761231 0.0009882 74.242 < 2e-16

factor(IncomeR)1 -0.1173516 0.8892724 0.0229503 -5.113 3.17e-07

factor(IncomeR)2 -0.2707231 0.7628277 0.0281653 -9.612 < 2e-16

factor(IncomeR)3 -0.4202265 0.6568980 0.0369903 -11.360 < 2e-16

factor(IncomeR)4 -0.6466880 0.5237777 0.0897531 -7.205 5.80e-13

factor(IncomeR)5 -0.6205807 0.5376322 0.0707557 -8.771 < 2e-16

factor(SEX)2 -0.3791980 0.6844101 0.0171462 -22.116 < 2e-16

factor(InsType)1 0.3100465 1.3634885 0.0573356 5.408 6.39e-08

factor(InsType)2 -0.0235776 0.9766982 0.0556180 -0.424 0.6716

factor(InsType)3 0.0944419 1.0990453 0.0688183 1.372 0.1700

factor(InsType)4 0.0622400 1.0642177 0.0584307 1.065 0.2868

factor(InsType)5 -0.2789838 0.7565522 0.2118306 -1.317 0.1878

factor(RaceR)2 0.0022206 1.0022231 0.0284783 0.078 0.9378

factor(RaceR)3 -0.3657309 0.6936894 0.0403963 -9.054 < 2e-16

factor(RaceR)4 0.1527767 1.1650648 0.1091510 1.400 0.1616

factor(RaceR)5 -0.5250203 0.5915434 0.0770570 -6.813 9.53e-12

factor(RaceR)6 -1.9566461 0.1413316 0.7868331 -2.487 0.0129

factor(CancerEvBin)1 0.2014678 1.2231969 0.0210381 9.576 < 2e-16

factor(DiabetesRec)1 0.3737488 1.4531720 0.0198503 18.828 < 2e-16

factor(HyperTen)1 0.1044436 1.1100928 0.0190283 5.489 4.05e-08

Likelihood ratio test= on 23 df, p=

n= 57923, number of events= 15979

CVD with Hypertension All Cause:

Call:

svycoxph(formula = Surv(fuTime, allCauseMort) ~ factor(CRN) +

factor(EduR) + AGE + factor(IncomeR) + factor(SEX) + factor(InsType) +

factor(RaceR) + factor(CancerEvBin) + factor(DiabetesRec),

design = cvdht.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 0.2088449 1.2322538 0.0257025 8.125 4.46e-16

factor(EduR)2 -0.0827712 0.9205617 0.0161235 -5.134 2.84e-07

factor(EduR)3 -0.2359014 0.7898585 0.0221304 -10.660 < 2e-16

AGE 0.0752108 1.0781114 0.0007814 96.247 < 2e-16

factor(IncomeR)1 -0.1411358 0.8683714 0.0167224 -8.440 < 2e-16

factor(IncomeR)2 -0.2866682 0.7507608 0.0208806 -13.729 < 2e-16

factor(IncomeR)3 -0.4757385 0.6214259 0.0275604 -17.262 < 2e-16

factor(IncomeR)4 -0.6052091 0.5459603 0.0684206 -8.845 < 2e-16

factor(IncomeR)5 -0.5411995 0.5820496 0.0479966 -11.276 < 2e-16

factor(SEX)2 -0.4387891 0.6448167 0.0132672 -33.073 < 2e-16

factor(InsType)1 0.2506804 1.2848993 0.0396619 6.320 2.61e-10

factor(InsType)2 -0.1502830 0.8604645 0.0363477 -4.135 3.56e-05

factor(InsType)3 0.0543135 1.0558155 0.0475537 1.142 0.25339

factor(InsType)4 -0.0570141 0.9445808 0.0382102 -1.492 0.13567

factor(InsType)5 -0.2732025 0.7609387 0.1267795 -2.155 0.03117

factor(RaceR)2 -0.0594179 0.9423129 0.0195019 -3.047 0.00231

factor(RaceR)3 -0.3971932 0.6722041 0.0293344 -13.540 < 2e-16

factor(RaceR)4 0.2183611 1.2440362 0.0824023 2.650 0.00805

factor(RaceR)5 -0.4741804 0.6223949 0.0580566 -8.168 3.15e-16

factor(RaceR)6 -0.1984778 0.8199780 0.1945942 -1.020 0.30775

factor(CancerEvBin)1 0.2499865 1.2840081 0.0163081 15.329 < 2e-16

factor(DiabetesRec)1 0.3792084 1.4611275 0.0152687 24.836 < 2e-16

Likelihood ratio test= on 22 df, p=

n= 146025, number of events= 28340

(1 observation deleted due to missingness)

Disease Specific: Diabetes

Call:

svycoxph(formula = Surv(fuTime, diabMort) ~ factor(CRN) + factor(EduR) +

AGE + factor(IncomeR) + factor(SEX) + factor(InsType) + factor(RaceR),

design = diab.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 1.651e-01 1.180e+00 6.166e-02 2.677 0.007419

factor(EduR)2 -3.535e-02 9.653e-01 5.368e-02 -0.658 0.510238

factor(EduR)3 -1.807e-01 8.347e-01 7.193e-02 -2.512 0.012021

AGE 6.339e-02 1.065e+00 2.125e-03 29.826 < 2e-16

factor(IncomeR)1 -1.855e-01 8.307e-01 5.628e-02 -3.296 0.000979

factor(IncomeR)2 -3.894e-01 6.774e-01 6.648e-02 -5.858 4.69e-09

factor(IncomeR)3 -5.861e-01 5.565e-01 8.414e-02 -6.965 3.28e-12

factor(IncomeR)4 -9.981e-01 3.686e-01 2.568e-01 -3.886 0.000102

factor(IncomeR)5 -4.575e+00 1.030e-02 6.934e-01 -6.599 4.15e-11

factor(SEX)2 -4.042e-01 6.675e-01 4.110e-02 -9.833 < 2e-16

factor(InsType)1 5.574e-01 1.746e+00 1.150e-01 4.846 1.26e-06

factor(InsType)2 2.430e-01 1.275e+00 1.056e-01 2.300 0.021461

factor(InsType)3 4.125e-01 1.511e+00 1.472e-01 2.803 0.005070

factor(InsType)4 3.403e-01 1.405e+00 1.156e-01 2.943 0.003252

factor(InsType)5 -1.170e+00 3.105e-01 6.793e-01 -1.722 0.085142

factor(RaceR)2 -8.190e-02 9.214e-01 5.680e-02 -1.442 0.149370

factor(RaceR)3 -4.343e-01 6.477e-01 6.636e-02 -6.545 5.94e-11

factor(RaceR)4 -1.423e+00 2.411e-01 4.392e-01 -3.239 0.001199

factor(RaceR)5 -7.025e-01 4.953e-01 1.595e-01 -4.406 1.05e-05

factor(RaceR)6 -1.283e+01 2.666e-06 2.828e-01 -45.386 < 2e-16

Likelihood ratio test= on 20 df, p=

n= 34412, number of events= 2882

Disease Specific: CVD

Call:

svycoxph(formula = Surv(fuTime, cvdMort) ~ factor(CRN) + factor(EduR) +

AGE + factor(IncomeR) + factor(SEX) + factor(InsType) + factor(RaceR),

design = cvd.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 0.07715 1.08021 0.05614 1.374 0.169327

factor(EduR)2 -0.10688 0.89863 0.04049 -2.640 0.008299

factor(EduR)3 -0.38524 0.68028 0.05152 -7.477 7.60e-14

AGE 0.08870 1.09276 0.00184 48.200 < 2e-16

factor(IncomeR)1 -0.16681 0.84636 0.04340 -3.844 0.000121

factor(IncomeR)2 -0.33466 0.71558 0.04942 -6.772 1.27e-11

factor(IncomeR)3 -0.44156 0.64303 0.06750 -6.541 6.11e-11

factor(IncomeR)4 -0.69155 0.50080 0.17605 -3.928 8.56e-05

factor(IncomeR)5 -3.38026 0.03404 0.37306 -9.061 < 2e-16

factor(SEX)2 -0.50570 0.60308 0.03256 -15.530 < 2e-16

factor(InsType)1 0.01433 1.01443 0.09958 0.144 0.885597

factor(InsType)2 -0.27715 0.75794 0.09442 -2.935 0.003332

factor(InsType)3 -0.28739 0.75022 0.11929 -2.409 0.015992

factor(InsType)4 -0.23587 0.78988 0.09968 -2.366 0.017964

factor(InsType)5 -2.64615 0.07092 0.99521 -2.659 0.007840

factor(RaceR)2 0.12719 1.13563 0.05149 2.470 0.013505

factor(RaceR)3 -0.27806 0.75725 0.06925 -4.015 5.93e-05

factor(RaceR)4 -0.91846 0.39913 0.30451 -3.016 0.002559

factor(RaceR)5 -0.42513 0.65369 0.14108 -3.013 0.002585

factor(RaceR)6 -0.69310 0.50002 0.52161 -1.329 0.183925

Likelihood ratio test= on 20 df, p=

n= 52506, number of events= 4692

Disease Specific: CVD or hypertension

Call:

svycoxph(formula = Surv(fuTime, cvdHtMort) ~ factor(CRN) + factor(EduR) +

AGE + factor(IncomeR) + factor(SEX) + factor(InsType) + factor(RaceR),

design = cvdht.not.inf.svy)

coef exp(coef) se(coef) z p

factor(CRN)1 0.235295 1.265282 0.043397 5.422 5.90e-08

factor(EduR)2 -0.053445 0.947958 0.028498 -1.875 0.060738

factor(EduR)3 -0.262569 0.769073 0.036042 -7.285 3.21e-13

AGE 0.092032 1.096399 0.001273 72.287 < 2e-16

factor(IncomeR)1 -0.201418 0.817570 0.030725 -6.556 5.54e-11

factor(IncomeR)2 -0.327791 0.720514 0.034018 -9.636 < 2e-16

factor(IncomeR)3 -0.564736 0.568510 0.048647 -11.609 < 2e-16

factor(IncomeR)4 -2.857448 0.057415 0.250094 -11.426 < 2e-16

factor(IncomeR)5 -1.063134 0.345372 0.107628 -9.878 < 2e-16

factor(SEX)2 -0.536186 0.584975 0.022761 -23.557 < 2e-16

factor(InsType)1 0.231796 1.260862 0.067308 3.444 0.000574

factor(InsType)2 -0.140341 0.869062 0.063161 -2.222 0.026286

factor(InsType)3 0.023724 1.024008 0.081925 0.290 0.772131

factor(InsType)4 -0.091531 0.912533 0.065570 -1.396 0.162733

factor(InsType)5 -2.355313 0.094864 0.509397 -4.624 3.77e-06

factor(RaceR)2 0.098547 1.103567 0.030530 3.228 0.001247

factor(RaceR)3 -0.286256 0.751070 0.045204 -6.333 2.41e-10

factor(RaceR)4 0.131853 1.140940 0.160949 0.819 0.412660

factor(RaceR)5 -0.290530 0.747867 0.081056 -3.584 0.000338

factor(RaceR)6 -1.652212 0.191626 0.453345 -3.644 0.000268

Likelihood ratio test= on 20 df, p=

n= 137412, number of events= 10028