Ages 35-59

m1 m2 m3 m4 m5

RR 95% CI RR 95% CI RR 95% CI RR 95% CI RR 95% CI

dead

1b.dur\_cat 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.dur\_cat 0.97 [0.85,1.11] 0.97 [0.85,1.10] 1.00 [0.88,1.14] 0.99 [0.87,1.13] 1.00 [0.88,1.14]

3.dur\_cat 0.92 [0.80,1.05] 0.91 [0.80,1.04] 0.97 [0.85,1.11] 0.96 [0.84,1.10] 0.96 [0.84,1.10]

4.dur\_cat 1.05 [0.92,1.21] 1.05 [0.92,1.21] 1.16\* [1.01,1.32] 1.15\* [1.01,1.31] 1.16\* [1.01,1.33]

1b.sex 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.sex 0.61\*\*\* [0.55,0.66] 0.65\*\*\* [0.59,0.71] 0.57\*\*\* [0.52,0.63] 0.60\*\*\* [0.55,0.66] 0.58\*\*\* [0.53,0.64]

1.xspd2 3.33\*\*\* [2.86,3.88] 2.75\*\*\* [2.35,3.22] 2.39\*\*\* [2.04,2.80] 1.99\*\*\* [1.69,2.34] 1.60\*\*\* [1.36,1.87]

2b.xspd2 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.xsmoke 2.42\*\*\* [2.16,2.72] 2.30\*\*\* [2.05,2.58] 1.96\*\*\* [1.75,2.20]

2.xsmoke 1.62\*\*\* [1.41,1.85] 1.44\*\*\* [1.26,1.65] 1.48\*\*\* [1.29,1.70]

3b.xsmoke 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.chronic1p 3.18\*\*\* [2.89,3.49] 3.07\*\*\* [2.80,3.38] 2.95\*\*\* [2.69,3.24]

2b.chronic1p 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1b.marital 1.00 [1.00,1.00]

2.marital 1.73\*\*\* [1.56,1.92]

3.marital 2.27\*\*\* [1.73,2.99]

4.marital 1.73\*\*\* [1.54,1.94]

1b.educ\_cat 1.00 [1.00,1.00]

2.educ\_cat 0.66\*\*\* [0.60,0.73]

3.educ\_cat 0.47\*\*\* [0.40,0.55]

1.racehisp 0.95 [0.81,1.11]

2b.racehisp 1.00 [1.00,1.00]

3.racehisp 1.49\*\*\* [1.33,1.67]

4.racehisp 0.71\* [0.51,0.98]

PY of obs 2,632,391 2,622,077 2,619,348 2,609,182 2,592,328

Ages 60-74

m1 m2 m3 m4 m5

RR 95% CI RR 95% CI RR 95% CI RR 95% CI RR 95% CI

1b.dur\_cat 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.dur\_cat 0.99 [0.89,1.10] 0.99 [0.89,1.10] 1.01 [0.91,1.13] 1.01 [0.90,1.13] 1.02 [0.91,1.14]

3.dur\_cat 1.01 [0.91,1.12] 1.00 [0.90,1.10] 1.06 [0.95,1.18] 1.04 [0.94,1.16] 1.07 [0.97,1.20]

4.dur\_cat 0.97 [0.87,1.08] 0.94 [0.84,1.04] 1.05 [0.94,1.17] 1.02 [0.91,1.14] 1.07 [0.95,1.19]

1b.sex 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.sex 0.60\*\*\* [0.55,0.64] 0.66\*\*\* [0.61,0.71] 0.60\*\*\* [0.56,0.65] 0.65\*\*\* [0.60,0.71] 0.56\*\*\* [0.52,0.60]

1.xspd2 2.36\*\*\* [2.03,2.75] 2.10\*\*\* [1.80,2.45] 2.03\*\*\* [1.74,2.37] 1.80\*\*\* [1.54,2.10] 1.57\*\*\* [1.34,1.84]

2b.xspd2 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.xsmoke 2.81\*\*\* [2.55,3.09] 2.77\*\*\* [2.51,3.05] 2.44\*\*\* [2.21,2.70]

2.xsmoke 1.56\*\*\* [1.42,1.71] 1.45\*\*\* [1.31,1.59] 1.43\*\*\* [1.29,1.57]

3b.xsmoke 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.chronic1p 2.40\*\*\* [2.19,2.64] 2.41\*\*\* [2.20,2.64] 2.30\*\*\* [2.10,2.52]

2b.chronic1p 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1b.marital 1.00 [1.00,1.00]

2.marital 1.40\*\*\* [1.28,1.54]

3.marital 1.70\*\*\* [1.54,1.87]

4.marital 1.57\*\*\* [1.35,1.82]

1b.educ\_cat 1.00 [1.00,1.00]

2.educ\_cat 0.79\*\*\* [0.73,0.85]

3.educ\_cat 0.53\*\*\* [0.47,0.60]

1.racehisp 0.86\* [0.75,1.00]

2b.racehisp 1.00 [1.00,1.00]

3.racehisp 1.21\*\*\* [1.09,1.35]

4.racehisp 0.78 [0.60,1.01]

PY of obs 844,049 840,950 834,688 831,674 825,999

Ages 75-84

m1 m2 m3 m4 m5

RR 95% CI RR 95% CI RR 95% CI RR 95% CI RR 95% CI

1b.dur\_cat 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.dur\_cat 1.11\* [1.01,1.22] 1.11\* [1.01,1.22] 1.14\*\* [1.04,1.26] 1.14\*\* [1.03,1.25] 1.16\*\* [1.05,1.27]

3.dur\_cat 1.13\* [1.03,1.24] 1.11\* [1.01,1.22] 1.16\*\* [1.05,1.28] 1.14\*\* [1.03,1.26] 1.17\*\* [1.06,1.29]

4.dur\_cat 1.15\*\* [1.05,1.26] 1.12\* [1.02,1.24] 1.22\*\*\* [1.11,1.34] 1.19\*\*\* [1.08,1.31] 1.23\*\*\* [1.12,1.36]

1b.sex 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

2.sex 0.68\*\*\* [0.63,0.72] 0.75\*\*\* [0.70,0.81] 0.68\*\*\* [0.64,0.73] 0.75\*\*\* [0.71,0.81] 0.67\*\*\* [0.63,0.72]

1.xspd2 2.10\*\*\* [1.82,2.43] 2.00\*\*\* [1.73,2.32] 1.95\*\*\* [1.69,2.26] 1.86\*\*\* [1.61,2.16] 1.74\*\*\* [1.49,2.02]

2b.xspd2 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.xsmoke 2.36\*\*\* [2.14,2.59] 2.38\*\*\* [2.16,2.63] 2.23\*\*\* [2.02,2.46]

2.xsmoke 1.49\*\*\* [1.39,1.60] 1.44\*\*\* [1.34,1.55] 1.44\*\*\* [1.34,1.55]

3b.xsmoke 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1.chronic1p 1.82\*\*\* [1.66,2.00] 1.82\*\*\* [1.66,2.00] 1.81\*\*\* [1.65,1.99]

2b.chronic1p 1.00 [1.00,1.00] 1.00 [1.00,1.00] 1.00 [1.00,1.00]

1b.marital 1.00 [1.00,1.00]

2.marital 1.27\*\*\* [1.13,1.42]

3.marital 1.31\*\*\* [1.21,1.41]

4.marital 1.53\*\*\* [1.32,1.77]

1b.educ\_cat 1.00 [1.00,1.00]

2.educ\_cat 0.79\*\*\* [0.74,0.85]

3.educ\_cat 0.64\*\*\* [0.58,0.72]

1.racehisp 0.75\*\*\* [0.65,0.86]

2b.racehisp 1.00 [1.00,1.00]

3.racehisp 1.04 [0.93,1.16]

4.racehisp 0.75 [0.55,1.04]

PY of obs 390,866 389,292 384,019 382,534 379,697