

Hazard Ratios for onset of cognitive impairment: HRS, 2000-2018

| Variables | Hazard Ratio |
|--|---------------------|
| Age | 1.060*** (0.002) |
| Occupation (ref: administrative/clerical support) | |
| Farming/forestry/fishing, mechanics/repair, construction, precision production | 1.197** (0.062) |
| Managerial and professional specialty | 0.920 (0.059) |
| Operators: machine, transport, handlers | 1.288*** (0.092) |
| Other/armed forces/unknown | 1.154* (0.067) |
| Professional specialty/technical support | 0.852* (0.052) |
| Sales | 0.994 (0.071) |
| Service | 1.301*** (0.080) |
| Education | |
| Less than HS diploma | 1.551*** (0.068) |
| Some College | 0.883** (0.034) |
| College Degree | 0.680*** (0.034) |
| Race/ethnicity | |
| Black | 1.916*** (0.096) |
| Hispanic | 1.323*** (0.079) |
| Gender (women) | 0.923* (0.036) |
| Parents' education | |
| HS diploma | 0.868*** (0.035) |
| Some College | 0.841* (0.062) |
| College Degree | 0.763*** |

| | |
|------------------|----------|
| | (0.051) |
| Fair/poor health | 1.555*** |
| | (0.057) |
| Ever smoked | 1.077* |
| | (0.033) |
| Retired | 0.646*** |
| | (0.042) |
| Disabled/other | 0.841*** |
| | (0.040) |
| Observations | 92,836 |

Standard errors in parentheses

*** p<0.001, ** p<0.01, * p<0.05

Pairwise comparisons for occupation

| | Contrast | Std. err. | Unadjusted t | Unadjusted P> t | Unadjusted [95% conf. interval] | |
|---|-----------|-----------|-----------------|--------------------|------------------------------------|-----------|
| rmainocc | | | | | | |
| farm/mech/construct/precision prod vs clerical/admin support | .1798274 | .0521171 | 3.45 | 0.001 | .0752468 | .2844081 |
| Managerial specialty op vs clerical/admin support | -.0835342 | .0640506 | -1.30 | 0.198 | -.2120611 | .0449927 |
| operators vs clerical/admin support | .252997 | .0715411 | 3.54 | 0.001 | .1094393 | .3965547 |
| other/unknown vs clerical/admin support | .14322 | .0582447 | 2.46 | 0.017 | .0263435 | .2600966 |
| prof specialty opr/tech vs clerical/admin support | -.1597245 | .0611229 | -2.61 | 0.012 | -.2823766 | -.0370725 |
| sales vs clerical/admin support | -.0062391 | .0712274 | -0.09 | 0.931 | -.1491672 | .1366891 |
| service vs clerical/admin support | .2628406 | .0613503 | 4.28 | 0.000 | .1397322 | .385949 |
| Managerial specialty op vs farm/mech/construct/precision prod operators | -.2633616 | .0623689 | -4.22 | 0.000 | -.388514 | -.1382092 |
| vs farm/mech/construct/precision prod other/unknown | .0731695 | .0659446 | 1.11 | 0.272 | -.059158 | .2054971 |
| vs farm/mech/construct/precision prod prof specialty opr/tech | -.0366074 | .0538001 | -0.68 | 0.499 | -.1445652 | .0713504 |
| vs | | | | | | |

| | | | | | | |
|--|-----------|----------|-------|-------|-----------|-----------|
| farm/mech/construct/precision prod sales vs | -.339552 | .0658797 | -5.15 | 0.000 | -.4717492 | -.2073547 |
| farm/mech/construct/precision prod service vs | -.1860665 | .0693425 | -2.68 | 0.010 | -.3252124 | -.0469206 |
| farm/mech/construct/precision prod operators vs Managerial specialty op | .0830132 | .0583004 | 1.42 | 0.160 | -.0339752 | .2000015 |
| other/unknown vs Managerial specialty op | .3365311 | .0563261 | 5.97 | 0.000 | .2235045 | .4495577 |
| prof specialty opr/tech vs | .2267542 | .0627536 | 3.61 | 0.001 | .1008299 | .3526785 |
| Managerial specialty op sales vs Managerial specialty op | -.0761904 | .0738995 | -1.03 | 0.307 | -.2244806 | .0720998 |
| service vs Managerial specialty op | .0772951 | .0732005 | 1.06 | 0.296 | -.0695924 | .2241826 |
| other/unknown vs operators prof specialty opr/tech vs operators | .3463748 | .0721667 | 4.80 | 0.000 | .2015617 | .4911878 |
| sales vs operators | -.1097769 | .0674902 | -1.63 | 0.110 | -.2452059 | .0256521 |
| service vs operators | -.4127215 | .0699177 | -5.90 | 0.000 | -.5530216 | -.2724214 |
| prof specialty opr/tech vs other/unknown | -.259236 | .0617661 | -4.20 | 0.000 | -.3831788 | -.1352932 |
| sales vs other/unknown | .0098436 | .0703269 | 0.14 | 0.889 | -.1312775 | .1509648 |
| service vs other/unknown | -.3029446 | .069202 | -4.38 | 0.000 | -.4418087 | -.1640805 |
| sales vs prof specialty opr/tech | -.1494591 | .0581427 | -2.57 | 0.013 | -.266131 | -.0327873 |
| service vs prof specialty opr/tech | .1196205 | .0550403 | 2.17 | 0.034 | .0091741 | .230067 |
| sales vs service vs prof specialty opr/tech | .1534855 | .0732708 | 2.09 | 0.041 | .0064568 | .3005141 |
| service vs sales | .4225651 | .0520169 | 8.12 | 0.000 | .3181857 | .5269446 |
| | .2690797 | .0655356 | 4.11 | 0.000 | .1375728 | .4005865 |