

Supplementary Table 2. OR of retirement from white-collar jobs by chronic disease and education level

| | High education level | | Low education level | | <i>p</i> for interaction |
|-----------------------------|----------------------|------------|---------------------|------------|--------------------------|
| | OR | 95% CI | OR | 95% CI | |
| Chronic disease | | | | | |
| Yes | 1.29 | 1.01–1.65 | 1.95 | 1.35–2.83 | 0.042 |
| Severity of chronic disease | | | | | |
| Severe ^a | 0.75 | 0.41–1.37 | 2.68 | 1.23–5.83 | 0.008 |
| Non-severe | 1.38 | 1.07–1.79 | 1.82 | 1.23–2.70 | 0.176 |
| Specific chronic disease | | | | | |
| Cerebrovascular related | 1.08 | 0.80–1.44 | 2.23 | 1.43–3.46 | 0.004 |
| Musculoskeletal | 2.28 | 1.38–3.76 | 2.30 | 1.20–4.42 | 0.885 |
| Psychiatric | 7.28 | 2.56–20.76 | 3.88 | 0.76–19.75 | 0.557 |
| Gastrointestinal | 1.04 | 0.61–1.77 | 2.13 | 0.82–5.51 | 0.189 |
| Other | 1.04 | 0.64–1.69 | 1.01 | 0.49–2.09 | 0.971 |

The model was adjusted for age, sex, marital status, socioeconomic status and whether one does exercise, drinking and smoking. White-collar jobs are defined as occupations classified within job codes 0111 to 4209 in the Korean Employment Classification of Occupation.

OR: odds ratio; CI: confidence interval.

^aSevere chronic disease is heart disease, kidney disease, and cancer, which are designated “severe and intractable diseases” by the Ministry of Health and Welfare of Korea.