

Supplementary Table 1: Sensitivity analyses of the association between the hikikomori condition and psychiatric factors (one or more risks) with psychiatric factors categorized into binary variables

| | Model 1 OR (95% CI) | Model 2 OR (95% CI) | Model 3 OR (95% CI) |
|----------------------------|------------------------|------------------------|------------------------|
| Suicide risks | 5.36 (2.76-10.43) | 3.22 (1.56-6.64) | 2.83 (1.35-5.92) |
| Violent tendencies | 1.23 (0.61-2.47) | 0.74 (0.36-1.51) | 0.71 (0.34-1.47) |
| Interpersonal difficulties | 5.59 (3.06-10.19) | 3.59 (1.86-6.95) | 2.94 (1.50-5.79) |
| OCB | 2.03 (1.19-3.47) | 0.97 (0.54-1.72) | 0.86 (0.47-1.56) |
| Dependencies | 1.93 (1.06-3.51) | 1.28 (0.68-2.40) | 1.09 (0.56-2.09) |

Model 1 = Odds ratio adjusted for age, sex, number of family members, and social class.

Model 2 = Odds ratio adjusted for age, sex, numbers of family members, social class, and all psychiatric factors.

Model 3 = Odds ratio adjusted for age, sex, numbers of family members, social class, all psychiatric factors, and history of psychiatric treatment.