### Supplementary Table 2. Association between sex, age at menarche, age at menopause, reproductive period and memory impairment after additionally controlling for depression (n = 6864)

|                          | Objective memory RR (95% CI) | Subjective memory RR (95% CI) |
|--------------------------|------------------------------|--------------------------------|
| **Sex**                  |                              |                                |
| Women                    | 1.17 (1.03–1.33)             | 1.41 (1.27–1.56)               |
| Men                      | 1.00                         | 1.00                           |
| **Age at menarche, years**|                              |                                |
| ≤ 13                     | 1.39 (1.13–1.70)             | 1.38 (1.16–1.64)               |
| 14–15                    | 1.33 (1.13–1.56)             | 1.43 (1.25–1.63)               |
| 16–17                    | 1.10 (0.94–1.29)             | 1.39 (1.23–1.57)               |
| ≥ 18                     | 1.07 (0.91–1.25)             | 1.42 (1.26–1.61)               |
| Men                      | 1.00                         | 1.00                           |
| **Age at menopause, years**|                              |                                |
| < 45                     | 1.45 (1.21–1.74)             | 1.37 (1.17–1.60)               |
| 45–48                    | 1.18 (1.00–1.39)             | 1.48 (1.30–1.68)               |
| 49–51                    | 1.05 (0.90–1.23)             | 1.38 (1.22–1.56)               |
| 52–53                    | 1.04 (0.86–1.27)             | 1.39 (1.20–1.61)               |
| ≥ 54                     | 1.29 (1.07–1.55)             | 1.42 (1.22–1.64)               |
| Men                      | 1.00                         | 1.00                           |
| **Reproductive period, years**|                              |                                |
| ≤ 30                     | 1.25 (1.07–1.46)             | 1.41 (1.25–1.60)               |
| 31–33                    | 1.02 (0.85–1.22)             | 1.42 (1.25–1.62)               |
| 34–36                    | 1.10 (0.93–1.30)             | 1.48 (1.31–1.68)               |
| ≥ 37                     | 1.28 (1.09–1.51)             | 1.31 (1.14–1.50)               |
| Men                      | 1.00                         | 1.00                           

6864 out of 7850 participants had valid information on depression.