**Supplementary Table 3.** Multivariate logistic regression of independent significant factors affecting the risk of dementia for propensity score matching

|                          | Reference | Estimate | P-value |
|--------------------------|-----------|----------|---------|
| Intercept                |           | 12.564   | <0.001  |
| Age (years)              | Continuous| -0.152   | <0.001  |
| Women                    | Men       | -0.510   | <0.001  |
| Body mass index (kg/m^2) | Continuous| 0.026    | <0.001  |
| Household income, lower half | Upper half | -0.038   | <0.001  |
| Systolic blood pressure (mmHg) | Continuous | 0.002    | <0.001  |
| Fasting serum glucose (mg/dL) | Continuous | -0.002   | <0.001  |
| Smoking                  | Past      | 0.190    | 0.002   |
|                          | Current   | -0.073   | <0.001  |
| Moderate-to-vigorous physical activity | 3–4 times/week ≤2 times/week | 0.083 | <0.001 |
|                          | ≥5 times/week ≤2 times/week | 0.125 | <0.001 |
| Charlson comorbidity index | 1          | 0        | -0.167  |
|                          | ≥2        | 0        | -0.407  |

Estimates calculated using the multivariate logistic regression.