**Supplementary Table 1.** The variable assignment of ordered logistic regression analysis

| variable | Factors                                      | Assignment                                      |
|----------|----------------------------------------------|-------------------------------------------------|
| X1       | Age                                          | >60 years=1, ≤60 years=2                        |
|          | Family history of dementia                   | Yes=1, No=2                                      |
| X2       | Memory decline complaint                     | Yes =1, No =2                                    |
| X3       | Diabetes                                     | Yes =1, No =2                                    |
| X4       | Hypertension                                 | Yes =1, No =2                                    |
| X5       | Hyperlipemia                                 | Yes =1, No =2                                    |
| X6       | Gender                                       | Male=1, Female=2                                 |
| X7       | Health insurance                             | Marriage=1, others=2                             |
| X8       | Marital status                               | City medical insurance =1, Town medical insurance =2, Resident medical insurance =3, Cooperative medical care =4, other=5 |
| X9       | Care method                                  | Someone else =1, family member =2                |
| X10      | Care frequency                               | Occasion=1, others=2                             |
| X11      | BMI (≥28.0)                                  | BMI(<24.0)=1; BMI (24.0-27.9) =2; BMI (≥28.0) =3 |
| X12      | Personality                                  | Introverted personality =1, Outward personality =2, Neutral personality =3 |
| X13      | Education                                    | High/secondary school =4, College degree =5, Bachelor or above =6 |
| X14      | Past occupation                              | Technical staff =1, Manager=2, Clerk =3, Businessman =4, Service staff =5, Peasant =6, Worker=7, others=8 |
| X15      | Homestyle                                    | living alone=1, Core family=2, Stem family=3     |
| X16      | Economic income                              | <1300 Yuan/month =1, ≤2000 Yuan/month =2, ≤4000V=3, >4000 Yuan/month =4 |