

Supplementary

Table 1 The comparison of sociodemographic characteristics between excluded subjects and included subjects

| Characteristics | Included subjects (%) | Excluded subjects (%) * | P-value |
|------------------------------------|-----------------------|-------------------------|---------|
| Observations | 3158(100.0) | 589(100.0) | |
| Sex | | | 0.188 |
| Male | 1946(61.6) | 346(58.7) | |
| Female | 1212(38.4) | 243(41.3) | |
| Educational attainment | | | 0.082 |
| Primary education or below | 1524(48.3) | 621(58.2) | |
| Junior education | 1017(32.2) | 432(25.3) | |
| Senior education or above | 617(19.5) | 260(42.1) | |
| Age (Years) | 66.1±5.4 | 66.1±5.6 | 0.471 |
| Movement area | | | 0.106 |
| Intra-provincial | 1866(59.1) | 327(55.5) | |
| Inter-provincial | 1292(40.9) | 262(45.5) | |
| Time in inflow area (Years) | 7.5±6.8 | 7.0±6.1 | 0.533 |

Note: *Excluded subjects were those who were not clear whether the health records had been established.

Table 2 Univariate logistic regression of the relationship between social integration and establishment of health records among elderly migrants in China,2015

| Characteristics | Establishment of health records | | |
|--|---------------------------------|------|-----------|
| | P-value | OR | OR 95% CI |
| Socio-demographic characteristics | | | |
| Sex | | | |
| Male | | 1.0 | |
| Female | 0.053 | 1.15 | 0.99-1.33 |
| Educational attainment | | | |
| Primary education or below | | 1.0 | |
| Junior education | 0.386 | 1.07 | 0.91-1.26 |
| Senior education or above | 0.554 | 1.06 | 0.88-1.28 |
| Hukou | | | |
| Rural | | 1.0 | |
| Urban | 0.007 | 1.21 | 1.05-1.40 |
| Marital status | | | |
| Single | | 1.0 | |
| Marrieds | 0.531 | 0.94 | 0.78-1.14 |

| | | | |
|--|------------------|------|-----------|
| Age (Years) | 0.001 | 1.02 | 1.01-1.04 |
| Movement area | | | |
| Intra-provincial | | 1.0 | |
| Inter provincial | <0.001 | 0.53 | 0.46-0.61 |
| Time in inflow area (Years) | 0.002 | 1.02 | 1.01-1.03 |
| Daily exercise time (Minutes) | | | |
| 0- | | 1.0 | |
| 60- | <0.001 | 1.34 | 1.15-1.55 |
| Chronic disease | | | |
| No | | 1.0 | |
| Yes | 0.332 | 1.09 | 0.91-1.31 |
| Self-reported health status | | | |
| Health | | 1.0 | |
| Unhealth | 0.327 | 1.14 | 0.88-1.47 |
| Economy integration | | | |
| Monthly average household income ^b | | | |
| Q1 | | 1.0 | |
| Q2 | 0.229 | 0.89 | 0.74-1.08 |
| Q3 | 0.838 | 0.98 | 0.80-1.19 |
| Q4 | <0.001 | 0.59 | 0.47-0.73 |
| Occupation | | | |
| Unemployed | | 1.0 | |
| Employed | 0.002 | 0.78 | 0.67-0.91 |
| Local medical insurance | | | |
| No | | 1.0 | |
| Yes | <0.001 | 2.24 | 1.79-2.82 |
| Social identity | | | |
| Settlement willingness | | | |
| No /Not decide | | 1.0 | |
| Yes | <0.001 | 1.64 | 1.39-1.93 |
| Social interaction | | | |
| Number of local friends | | | |
| 0- | | 1.0 | |
| 3- | <0.001 | 1.68 | 1.41-2.03 |

The P-values in boldface mean statistical significance

^a NCMS: New Cooperative Medical Scheme; MIUR: Medical Insurance for Urban Residents Scheme; MIUE: Medical Insurance for Urban Employees Scheme;

^b Quartile 1 (Q1) is the poorest and Quartile 4 (Q4) is the richest