**Supplementary Table S1.** OLS regression results for within-family meana and within-family differentiationa of multiple offspring’s instrumental support

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Within-Family mean** | |  | **Within-Family differentiation** | |
|  | *B* | *Robust SE* |  | *B* | *Robust SE* |
| **Characteristics of older parents** |  |  |  |  |  |
| Age (centered at 60) | 0.01 | 0.01 |  | 0.01\*\* | 0.005 |
| Gender: Male | -0.09 | 0.05 |  | -0.05 | 0.03 |
| Educational levels （Ref=Low) |  |  |  |  |  |
| Middle | -0.09 | 0.06 |  | -0.03 | 0.03 |
| High | -0.09 | 0.12 |  | -0.07 | 0.05 |
| Ln(Household income+1) | 0.05 | 0.04 |  | -0.04\* | 0.02 |
| Having a married /cohabitating partner | -0.38\*\*\* | 0.09 |  | -0.15\*\*\* | 0.04 |
| Self-reported physical healthb | -0.05\* | 0.02 |  | -0.03\*\* | 0.01 |
| Urban residence | 0.01 | 0.05 |  | -0.03 | 0.03 |
| **Aggregate characteristics of adult children** | | | | | |
| Number of children | -0.15\*\*\* | 0.04 |  | 0.11\*\*\* | 0.02 |
| Age interval between children | 0.002 | 0.01 |  | -0.01 | 0.006 |
| Age of the youngest child | 0.02\* | 0.01 |  | 0.003 | 0.004 |
| All same gender | 0.18 | 0.10 |  | 0.03 | 0.05 |
| Have any daughter | 0.33\*\* | 0.11 |  | 0.19\*\*\* | 0.05 |
| Have any coresiding child | 0.54\*\*\* | 0.06 |  | 0.39\*\*\* | 0.03 |
| Intercept | 0.44 | 0.34 |  | 0.28 | 0.17 |
| *R2* | 0.08 | |  | 0.15 | |

*Note.* Parents, *N* = 5,790; Weighted.

a.Continuous, original scores. b.Rated on a 5-point scale from 1 (*poor*) to 5 (*excellent*).

\*p<0.05, \*\*p<0.01, \*\*\*p<0.001.