



Supplementary Table. S1 Correlation matrix of key variables.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--------------------------------------|--------|---------|-------|-------|--------|--------|---------|--------|--------|--------|----|
| 1. Age (person with dementia) | | | | | | | | | | | |
| 2. Age (carer) | 0.27** | | | | | | | | | | |
| 3. Education (carer) | -0.10 | -0.54** | | | | | | | | | |
| 4. Monthly income (carer) | 0.05 | -0.34** | 0.23 | | | | | | | | |
| 5. Time to help-seeking | 0.06 | 0.09 | 0.03 | -0.00 | | | | | | | |
| 6. Perceived difficulty | -0.00 | -0.06 | -0.02 | -0.00 | 0.06 | | | | | | |
| 7. ADCS-ADL | -0.22* | -0.02 | 0.17 | -0.17 | -0.09 | -0.25* | | | | | |
| 8. NPI-Q severity | -0.03 | -0.09 | -0.02 | 0.19 | 0.36** | 0.20* | -0.25** | | | | |
| 9. Role strain | 0.00 | -0.27** | 0.12 | 0.09 | 0.16 | 0.18 | -0.35** | 0.59** | | | |
| 10. Self-criticism | -0.03 | -0.26** | 0.10 | 0.06 | 0.08 | 0.41** | -0.16 | 0.20* | 0.35** | | |
| 11. Negative emotions | 0.02 | -0.23* | 0.07 | 0.06 | 0.16 | 0.23* | -0.38** | 0.56** | 0.76** | 0.33** | |

*p<0.05; **p<0.01

ADCS-ADL = Alzheimer's Disease Cooperative Study-Activities of Daily Living; NPI-Q = Neuropsychiatric Inventory-Questionnaire