**Supplementary material**

**SM 1.** Average marginal effects (AME) from the main model presented in Table 2 (ref: No relocation)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Women** | | | | | | **Men** | | | | | |
|  | **To institutional care** | | | **Elsewhere** | | | **To institutional care** | | | **Elsewhere** | | |
|  | **AME** | | **SE** | **AME** | | **SE** | **AME** | | **SE** | **AME** | | **SE** |
| **Distance to the closest son/daughter (ref: closest child >20 km)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Coresiding child | -0.025 | \*\*\* | 0.002 | -0.020 | \*\*\* | 0.002 | -0.009 | \*\*\* | 0.001 | -0.013 | \*\*\* | 0.002 |
| Son in the same neighbourhood | -0.011 | \*\*\* | 0.002 | -0.014 | \*\*\* | 0.001 | -0.003 | \*\* | 0.001 | -0.013 | \*\*\* | 0.002 |
| Daughter in the same neighbourhood | -0.013 | \*\*\* | 0.002 | -0.009 | \*\*\* | 0.001 | -0.002 |  | 0.001 | -0.009 | \*\*\* | 0.002 |
| Son within 20 km of parent’s neighbourhood | 0.003 | \*\* | 0.001 | -0.007 | \*\*\* | 0.001 | 0.005 | \*\*\* | 0.001 | -0.007 | \*\*\* | 0.001 |
| Daughter within 20 km of parent’s neighbourhood | 0.006 | \*\*\* | 0.001 | -0.005 | \*\*\* | 0.001 | 0.007 | \*\*\* | 0.001 | -0.006 | \*\*\* | 0.001 |
| Son and daughter at the same distance <=20km | -0.005 | \*\* | 0.002 | -0.013 | \*\*\* | 0.002 | -0.005 | \*\* | 0.002 | -0.009 | \*\*\* | 0.002 |
| **Number of children (ref: 2 children)** |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 child | 0.001 |  | 0.001 | -0.003 | \*\*\* | 0.001 | -0.001 |  | 0.001 | -0.003 | \*\*\* | 0.001 |
| 3+ children | 0.001 |  | 0.001 | 0.005 | \*\*\* | 0.001 | 0.001 |  | 0.001 | 0.005 | \*\*\* | 0.001 |
| **Closeness to death (ref: did not die within 2 years)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Died within 2 years | 0.061 | \*\*\* | 0.002 | 0.036 | \*\*\* | 0.002 | 0.035 | \*\*\* | 0.002 | 0.028 | \*\*\* | 0.002 |
| **Parent's age** | 0.005 | \*\*\* | 0.000 | 0.001 | \*\*\* | 0.000 | 0.003 | \*\*\* | 0.001 | 0.001 | \*\*\* | 0.000 |
| **Closest child's age** | 0.001 | \*\*\* | 0.000 | 0.001 | \*\* | 0.000 | 0.001 | \*\*\* | 0.000 | 0.001 | † | 0.000 |
| **Partner in parent's household (ref: living without a partner)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Living with a partner | -0.025 | \*\*\* | 0.001 | -0.005 | \*\*\* | 0.001 | -0.026 | \*\*\* | 0.001 | -0.013 | \*\*\* | 0.001 |
| **Partner in closest child's household (ref: living without a partner)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Living with a partner | 0.001 |  | 0.001 | 0.002 | \*\*\* | 0.001 | -0.001 |  | 0.001 | 0.002 | \* | 0.001 |
| **Parent's pension (ref: pension below median)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Pension above median | -0.005 | \*\*\* | 0.001 | -0.003 | \*\*\* | 0.001 | -0.001 |  | 0.001 | -0.002 |  | 0.001 |
| **Children with high income (ref: all children with income below median)** | |  |  |  |  |  |  |  |  |  |  |  |
| At least one child with income above median | 0.002 | \* | 0.001 | -0.002 | \* | 0.001 | 0.001 |  | 0.001 | -0.002 | \* | 0.001 |
| **Parent's education (ref: primary)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Secondary | -0.003 | \*\*\* | 0.001 | 0.002 | † | 0.001 | -0.004 | \*\*\* | 0.001 | -0.001 |  | 0.001 |
| Post-secondary | -0.014 | \*\*\* | 0.001 | -0.001 |  | 0.001 | -0.009 | \*\*\* | 0.001 | -0.006 | \*\*\* | 0.001 |
| No information | -0.018 | \*\*\* | 0.002 | 0.009 | \* | 0.004 | -0.009 | \*\*\* | 0.003 | 0.013 | \* | 0.005 |
| **Parent's dwelling (ref: living in a smaller-size dwelling)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Living in a bigger dwelling | 0.025 | \*\*\* | 0.001 | -0.001 |  | 0.001 | 0.011 | \*\*\* | 0.001 | 0.001 |  | 0.001 |
| **Parent’s duration of residence** | -0.004 | \*\*\* | 0.000 | 0.001 | \*\*\* | 0.000 | -0.002 | \*\*\* | 0.000 | -0.001 | \*\*\* | 0.000 |
| **Parent’s country of origin (ref: born outside Sweden)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Born in Sweden | -0.003 | \* | 0.001 | 0.001 |  | 0.001 | 0.001 |  | 0.001 | 0.001 |  | 0.002 |
| **Level of urbanisation of parent’s place of residence (ref: sparsely populated area)** | | |  |  |  |  |  |  |  |  |  |  |
| Metropolitan area | 0.005 |  | 0.004 | -0.010 | \*\* | 0.003 | 0.002 |  | 0.002 | -0.009 | \*\* | 0.003 |
| Smaller town or suburb | 0.002 |  | 0.002 | -0.004 | \*\* | 0.002 | 0.002 |  | 0.002 | -0.003 | † | 0.002 |
| **Coverage of welfare system services (ref: bigger share of in-home care and small share of institutionalised care coverage)** | | | | | | |  |  |  |  |  |  |
| Small share of in-home and institutionalised care coverage | 0.004 |  | 0.005 | -0.002 |  | 0.002 | 0.001 |  | 0.003 | -0.003 |  | 0.002 |
| Small share of in-home and bigger share of institutionalised care coverage | -0.001 |  | 0.005 | 0.005 | † | 0.003 | -0.002 |  | 0.003 | 0.002 |  | 0.002 |
| Bigger share of in-home and institutionalised care coverage | -0.002 |  | 0.005 | 0.004 |  | 0.004 | -0.002 |  | 0.003 | 0.004 |  | 0.004 |
| No information | -0.011 |  | 0.013 | 0.007 |  | 0.007 | -0.004 |  | 0.008 | -0.002 |  | 0.006 |
| **N** | 426078 | | | | | | 269929 | | | | | |
| **Model summary** |  |  |  |  |  |  |  |  |  |  |  |  |
| Log pseudolikelihood | -145301.41 | | | | | | -71023.063 | | | | | |
| Pseudo R2 | 0.121 | | | | | | 0.104 | | | | | |
| *Note:* †p ‹ 0.10; \*p ‹ 0.05; \*\*p ‹ 0.01; \*\*\*p ‹ 0.001*.* Miniscule effects are rounded to the nearest thousandth. | | | | |  |  |  |  |  |  |  |  |
| *Source:* Swedish register data, authors’ calculations |  |  |  |  |  |  |  |  |  |  |  |  |

**SM 2.** Average marginal effects (AME) from the model that includes older people without children (ref: No relocation)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Women** | | | | | | **Men** | | | | | |
|  | **To institutional care** | | | **Elsewhere** | | | **To institutional care** | | | **Elsewhere** | | |
|  | **AME** | | **SE** | **AME** | | **SE** | **AME** | | **SE** | **AME** | | **SE** |
| **Distance to the closest son/daughter (ref: closest child >20 km)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Coresiding child | -0.024 | \*\*\* | 0.002 | -0.019 | \*\*\* | 0.001 | -0.010 | \*\*\* | 0.001 | -0.011 | \*\*\* | 0.002 |
| Son in the same neighbourhood | -0.011 | \*\*\* | 0.002 | -0.012 | \*\*\* | 0.001 | -0.003 | \*\* | 0.001 | -0.012 | \*\*\* | 0.001 |
| Daughter in the same neighbourhood | -0.013 | \*\*\* | 0.002 | -0.007 | \*\*\* | 0.001 | -0.002 |  | 0.001 | -0.008 | \*\*\* | 0.002 |
| Son within 20 km of parent’s neighbourhood | 0.003 | \*\* | 0.001 | -0.006 | \*\*\* | 0.001 | 0.005 | \*\*\* | 0.001 | -0.006 | \*\*\* | 0.001 |
| Daughter within 20 km of parent’s neighbourhood | 0.006 | \*\*\* | 0.001 | -0.004 | \*\*\* | 0.001 | 0.007 | \*\*\* | 0.001 | -0.005 | \*\*\* | 0.001 |
| Son and daughter at the same distance <=20km | -0.006 | \*\* | 0.002 | -0.009 | \*\*\* | 0.002 | -0.005 | \* | 0.002 | -0.006 | \* | 0.002 |
| No children | -0.001 |  | 0.003 | -0.010 | \*\*\* | 0.002 | 0.004 | \*\* | 0.002 | -0.010 | \*\*\* | 0.002 |
| **Closeness to death (ref: did not die within 2 years)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Died within 2 years | 0.060 | \*\*\* | 0.002 | 0.035 | \*\*\* | 0.001 | 0.036 | \*\*\* | 0.001 | 0.027 | \*\*\* | 0.001 |
| **Parent's age** | 0.005 | \*\*\* | 0.001 | 0.001 | \*\*\* | 0.000 | 0.003 | \*\*\* | 0.000 | 0.001 | \*\*\* | 0.000 |
| **Partner in parent's household (ref: living without a partner)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Living with a partner | -0.025 | \*\*\* | 0.001 | -0.005 | \*\*\* | 0.001 | -0.027 | \*\*\* | 0.001 | -0.012 | \*\*\* | 0.001 |
| **Parent's pension (ref: pension below median)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Pension above median | -0.004 | \*\*\* | 0.001 | -0.004 | \*\*\* | 0.001 | -0.001 |  | 0.001 | -0.003 | \* | 0.001 |
| **Parent's education (ref: primary)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Secondary | -0.003 | \*\*\* | 0.001 | 0.001 | † | 0.001 | -0.004 | \*\*\* | 0.001 | -0.001 |  | 0.001 |
| Post-secondary | -0.014 | \*\*\* | 0.001 | -0.001 |  | 0.001 | -0.010 | \*\*\* | 0.001 | -0.006 | \*\*\* | 0.001 |
| No information | -0.030 | \*\*\* | 0.002 | 0.016 | \*\*\* | 0.003 | -0.014 | \*\*\* | 0.002 | 0.016 | \*\*\* | 0.004 |
| **Parent's dwelling (ref: living in a smaller-size dwelling)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Living in a bigger dwelling | 0.021 | \*\*\* | 0.001 | -0.001 |  | 0.001 | 0.010 | \*\*\* | 0.001 | 0.001 |  | 0.001 |
| **Parent’s duration of residence** | -0.004 | \*\*\* | 0.001 | 0.001 | \*\*\* | 0.000 | -0.002 | \*\*\* | 0.000 | -0.001 | \*\*\* | 0.000 |
| **Parent’s country of origin (ref: born outside Sweden)** |  |  |  |  |  |  |  |  |  |  |  |  |
| Born in Sweden | 0.002 |  | 0.001 | 0.001 |  | 0.001 | 0.003 | \*\* | 0.001 | -0.001 |  | 0.002 |
| **Level of urbanisation of parent’s place of residence (ref: sparsely populated area)** | | |  |  |  |  |  |  |  |  |  |  |
| Metropolitan area | 0.005 |  | 0.003 | -0.011 | \*\*\* | 0.003 | 0.002 |  | 0.002 | -0.009 | \* | 0.003 |
| Smaller town or suburb | 0.003 |  | 0.002 | -0.004 | \* | 0.002 | 0.002 |  | 0.002 | -0.003 | † | 0.002 |
| **Coverage of welfare system services (ref: bigger share of in-home care and small share of institutionalised care coverage)** | | | | | | |  |  |  |  |  |  |
| Small share of in-home and institutionalised care coverage | 0.004 |  | 0.004 | -0.002 |  | 0.002 | 0.001 |  | 0.002 | -0.003 |  | 0.002 |
| Small share of in-home and bigger share of institutionalised care coverage | -0.001 |  | 0.004 | 0.005 | † | 0.003 | -0.002 |  | 0.003 | 0.002 |  | 0.002 |
| Bigger share of in-home and institutionalised care coverage | -0.002 |  | 0.005 | 0.004 |  | 0.004 | -0.002 |  | 0.003 | 0.003 |  | 0.004 |
| No information | -0.010 |  | 0.013 | 0.007 |  | 0.006 | -0.003 |  | 0.008 | -0.002 |  | 0.006 |
| **N** | 484887 | | | | | | 311212 | | | | | |
| **Model summary** |  |  |  |  |  |  |  |  |  |  |  |  |
| Log pseudolikelihood | -164086.61 | | | | | | -82633.21 | | | | | |
| Pseudo R2 | 0.121 | | | | | | 0.104 | | | | | |
| *Note:* †p ‹ 0.10; \*p ‹ 0.05; \*\*p ‹ 0.01; \*\*\*p ‹ 0.001*.* Miniscule effects are rounded to the nearest thousandth. | | | | |  |  |  |  |  |  |  |  |
| *Source:* Swedish register data, authors’ calculations |  |  |  |  |  |  |  |  |  |  |  |  |

**SM 3.** Average marginal effects (AME) from the three-level model of institutionalisation (ref: No relocation)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Women** | | | **Men** | | |
|  | **AME** | | **SE** | **AME** | | **SE** |
| **Distance to the closest son/daughter (ref: closest child >20 km)** |  |  |  |  |  |  |
| Coresiding child | -0.032 | \*\*\* | 0.002 | -0.010 | \*\*\* | 0.002 |
| Son in the same neighbourhood | -0.014 | \*\*\* | 0.002 | -0.004 | \*\* | 0.001 |
| Daughter in the same neighbourhood | -0.017 | \*\*\* | 0.002 | -0.003 | † | 0.001 |
| Son within 20 km of parent’s neighbourhood | 0.004 | \*\*\* | 0.001 | 0.005 | \*\*\* | 0.001 |
| Daughter within 20 km of parent’s neighbourhood | 0.008 | \*\*\* | 0.001 | 0.008 | \*\*\* | 0.001 |
| Son and daughter at the same distance <=20km | -0.008 | \*\* | 0.002 | -0.006 | \*\* | 0.002 |
| **Number of children (ref: 2 children)** |  |  |  |  |  |  |
| 1 child | 0.001 |  | 0.001 | -0.001 |  | 0.001 |
| 3+ children | 0.001 |  | 0.001 | 0.001 |  | 0.001 |
| **Closeness to death (ref: did not die within 2 years)** |  |  |  |  |  |  |
| Died within 2 years | 0.073 | \*\*\* | 0.003 | 0.039 | \*\*\* | 0.002 |
| **Parent's age** | 0.007 | \*\*\* | 0.000 | 0.003 | \*\*\* | 0.000 |
| **Closest child's age** | 0.001 | \*\*\* | 0.000 | 0.001 | \*\*\* | 0.000 |
| **Partner in parent's household (ref: living without a partner)** |  |  |  |  |  |  |
| Living with a partner | -0.032 | \*\*\* | 0.002 | -0.029 | \*\*\* | 0.002 |
| **Partner in closest child's household (ref: living without a partner)** |  |  |  |  |  |  |
| Living with a partner | 0.001 |  | 0.001 | -0.001 |  | 0.001 |
| **Parent's pension (ref: pension below median)** |  |  |  |  |  |  |
| Pension above median | -0.007 | \*\*\* | 0.001 | -0.001 |  | 0.001 |
| **Children with high income (ref: all children with income below median)** | |  |  |  |  |  |
| At least one child with income above median | 0.002 | \* | 0.001 | 0.001 |  | 0.001 |
| **Parent's education (ref: primary)** |  |  |  |  |  |  |
| Secondary | -0.004 | \*\*\* | 0.001 | -0.004 | \*\*\* | 0.001 |
| Post-secondary | -0.017 | \*\*\* | 0.001 | -0.010 | \*\*\* | 0.001 |
| No information | -0.022 | \*\*\* | 0.003 | -0.010 | \*\* | 0.003 |
| **Parent's dwelling (ref: living in a smaller-size dwelling)** |  |  |  |  |  |  |
| Living in a bigger dwelling | 0.028 | \*\*\* | 0.001 | 0.011 | \*\*\* | 0.001 |
| **Parent’s duration of residence** | -0.004 | \*\*\* | 0.000 | -0.002 | \*\*\* | 0.000 |
| **Parent’s country of origin (ref: born outside Sweden)** |  |  |  |  |  |  |
| Born in Sweden | -0.002 | † | 0.001 | 0.001 |  | 0.001 |
| **Level of urbanisation of parent’s place of residence (ref: sparsely populated area)** | | |  |  |  |  |
| Metropolitan area | 0.081 | \*\*\* | 0.010 | 0.010 | \* | 0.005 |
| Smaller town or suburb | -0.009 | \* | 0.004 | -0.003 |  | 0.002 |
| **Coverage of welfare system services (ref: bigger share of in-home care and small share of institutionalised care coverage)** | | | | | | |
| Small share of in-home and institutionalised care coverage | 0.046 | \*\*\* | 0.004 | 0.020 | \*\*\* | 0.003 |
| Small share of in-home and bigger share of institutionalised care coverage | -0.036 | \*\*\* | 0.003 | -0.015 | \*\*\* | 0.002 |
| Bigger share of in-home and institutionalised care coverage | -0.061 | \*\*\* | 0.004 | -0.026 | \*\*\* | 0.002 |
| No information | -0.034 | \*\*\* | 0.004 | -0.008 | \* | 0.004 |
| **N** | 421396 | | | 267674 | | |
| N parents | 237566 | | | 152804 | | |
| N municipalities | 290 | | | 290 | | |
| **Model summary** |  |  |  |  |  |  |
| Log likelihood | -65329.10 | | | -26094.64 | | |
| *Note:* †p ‹ 0.10; \*p ‹ 0.05; \*\*p ‹ 0.01; \*\*\*p ‹ 0.001*.* Miniscule effects are rounded to the nearest thousandth. | | | | |  |  |
| *Source:* Swedish register data, authors’ calculations |  |  |  |  |  |  |