

Supplementary Table 1. Caregiving Arrangements by Region and Country, Survey of Aging, Health and Retirement in Europe (pooled 2015 and 2019 samples, N=112,963)

Disability Status	Reports Difficulty with Activities of Daily Living					No difficulty with ADLs
Caregiving Arrangements	Care Gap: Neither family/ unpaid care nor paid care	Only family/ unpaid care	Only paid care	Both family/ unpaid and paid care	Live in nursing home	No Care Needed
<i>Eastern Europe</i>	7.6	5.0	0.3	0.8	0.4	85.9
Bulgaria	6.4	3.7	0.3	0.3	0.3	89.1
Czech Republic	7.2	4.0	0.2	0.7	1.0	87.0
Hungary	8.2	6.1	0.1	0.3	0.0	85.3
Poland	8.2	4.9	0.3	0.9	0.4	85.2
Romania	6.9	7.0	0.1	0.4	0.2	85.4
Slovakia	4.8	2.8	0.2	1.9	0.0	90.2
<i>Western Europe</i>	7.0	1.9	1.1	1.9	1.3	86.9
Austria	4.1	2.6	0.8	1.9	1.7	89.0
Belgium	9.2	2.1	2.0	1.6	2.3	82.8
France	8.0	2.3	1.1	1.3	1.3	86.0
Germany	6.8	1.7	1.1	2.5	1.1	86.9
Luxembourg	3.7	1.2	1.0	1.3	2.5	90.3
Netherlands	4.4	1.0	1.2	0.8	1.0	91.6
Switzerland	4.3	0.5	0.7	0.5	1.3	92.7
<i>Northern Europe</i>	5.8	1.6	0.9	0.5	1.0	90.3
Denmark	5.5	0.9	1.1	0.6	1.4	90.5
Estonia	8.1	4.6	0.2	0.6	0.9	85.7
Finland	6.0	1.7	0.4	0.2	0.4	91.2
Latvia	4.1	3.0	0.4	0.5	0.5	91.5
Lithuania	8.4	4.1	0.3	0.5	0.2	86.6
Sweden	5.3	1.0	1.3	0.5	1.1	90.9
<i>Southern Europe</i>	4.3	4.1	0.8	1.4	0.6	88.8
Croatia	5.9	4.9	0.2	0.8	0.7	87.6
Cyprus	1.9	0.8	1.8	2.2	0.1	93.2
Greece	2.8	3.1	0.3	1.1	0.1	92.6
Italy	4.7	4.2	0.7	1.0	0.5	88.9
Malta	1.7	1.0	0.2	0.3	2.0	94.9
Portugal	10.8	5.7	0.8	2.4	2.5	77.9
Slovenia	6.1	3.9	0.3	0.6	0.8	88.3
Spain	3.2	4.0	1.1	2.0	0.8	88.9
<i>Israel</i>	3.0	1.9	2.5	2.6	0.9	89.0

Notes: Rows add to 100%. Weighted with person-level weights. The analytic sample is all respondents aged 50 and older. The total N=112,963.

Supplementary Table 2. Disability and Caregiving Arrangements by Age Group, Survey of Health, Aging and Retirement in Europe (2015 and 2019)

Disability Status	Reports Difficulty with Activities of Daily Living						No difficulty with Activities of Daily Living	<i>Total</i>
	Care Gap: Neither family/ unpaid care nor paid care	Only family/ unpaid care	Only paid care	Both family/ unpaid and paid care	Lives in a nursing home	No Care Needed		
Age								
Age 50-69	4.5 ^{a b c d}	1.6	0.2	0.4	0.3	93.1	63,035	100%
Age 70 +	9.1 ^{a b c d}	5.7	2.2	3.5	2.1	77.4	49,928	100%
<i>Total</i>	6,886 6.1%	3,796 3.1%	959 0.9%	1,536 1.5%	1,178 0.9%	98,608 87.5%	112,963	100%

Notes: Sample weighted using person-level weights. The analytic sample is all respondents aged 50 and older. The total N=112,963. We tested whether respondents with a care gap differ significantly by two age groups from the following groups: respondents with only family/unpaid care (a), those who received only paid care (b), those who received both family/unpaid and paid care (c), and those living in nursing homes (d) ($p < .05$).

Supplementary Table 3. Relative risk ratios from multinomial logistic regression model by age group predicting caregiving arrangements among respondents who report difficulty with ADLs or live in a nursing home, SHARE (2015 and 2019)

	Care Gap: Neither family/unpaid care nor paid care vs. Only family/unpaid care	Only paid care vs. Only family/unpaid care	Both family/unpaid and paid care vs. Only family/unpaid care	Live in nursing home vs. Only family/unpaid care
Model for Age 50-69				
<u>Family structure</u> (Partnered, has children)				
Partnered, no child(ren)	0.63	0.28	0.88	0.59
Un-partnered, has child(ren)	1.84*	13.35***	1.5	8.05***
Un-partnered, no children	1.87	25.04***	2.83*	18.44***
Men (Women)	0.79	0.79	0.56*	1.60
Education (Less than upper secondary education)				
Upper secondary and vocational training	1.17	0.87	1.14	0.73
Tertiary education	1.54*	0.98	1.71	1.33
Total wealth (<=49,999, Euros)				
50k-149,999	0.72	0.33	0.45*	0.19*
150k-500k	1.81**	1.32	1.18	0.34
>=500k	0.996	2.23	0.28*	0.09**
Number of difficulties with ADLs				
	0.76***	1.10	1.39***	0.66
Regions (Western Europe)				
Northern Europe	0.92	1.68	0.57	1.06
Southern Europe	0.41***	0.46	0.26**	0.81
Eastern Europe	0.62*	0.08***	0.25***	0.34
Israel	0.24**	2.12	0.73	0.30
<i>Constant</i>	5.53***	0.05***	0.23***	0.21
Model for Age 70+				
<u>Family structure</u> (Partnered, has children)				
Partnered, no child(ren)	1.19	3.38**	1.52	0.90
Un-partnered, has child(ren)	1.72***	3.33***	1.42*	4.37***
Un-partnered, no children	2.74***	6.62***	1.75*	18.45***
Men (Women)	0.94	0.83	0.86	0.95
Education (Less than upper secondary education)				
Upper secondary and vocational training	1.61***	1.06	1.37*	0.94
Tertiary education	1.67**	0.92	1.17	1.74*
Total wealth (<=49,999, Euros)				
50k-149,999	1.36*	1.02	0.84	0.29***
150k-500k	1.54**	1.10	0.86	0.19***
>=500k	1.39	0.48**	0.87	0.22***
Number of difficulties with ADLs				
	0.70***	0.99	1.27***	1.03
Regions (Western Europe)				
Northern Europe	1.11	0.95	0.25***	0.89
Southern Europe	0.39***	0.23***	0.28***	0.18***
Eastern Europe	0.50***	0.07***	0.10***	0.04***
Israel	0.85	3.30***	1.61*	1.31
<i>Constant</i>	2.92***	0.44***	0.59**	0.53*

* p<.05; ** p<.01; *** p<.001

Notes: The analytic sample is respondents aged 50 and older who have difficulty with at least one ADL or live in a nursing home. The total N=14,355.

Supplementary Table 4. Sources of help by family structure by age group, among respondents reporting difficulty with ADLs or living in nursing homes, SHARE (2015 and 2019)

Family Structure					
	Respondents aged 50-69 reporting difficulty with ADLs	Partnered, has children	Partnered, no child(ren)	Un-partnered, has child(ren)	Kinless: Un- partnered, no children
Sources of Help					
Spouse/partner only	14.6	21.1 ^d	33.3	NA	NA
Children only	3.4	1.8	NA	9.5 ^e	NA
Mix of family members	4.2	3.0	0.0	5.2	12.4 ^{a c}
Non-family members only	3.5	1.2	0.4	6.7	11.9 ^{a b c}
Mix of family and non-family members	5.5	5.9	5.5	4.2	5.9 ^{b c}
Live in nursing home	3.8	1.3	1.3	6.3	14.6 ^{a b c}
Care Gap: Neither family/unpaid care nor paid care	65.1	65.8	59.5	68.1	55.2 ^{a b c}
	Respondents aged 70+ reporting difficulty with ADLs	Partnered, has children	Partnered, no child(ren)	Un-partnered, has child(ren)	Kinless: Un- partnered, no children
Sources of Help					
Spouse/partner only	8.9	21.7 ^d	14.5	NA	NA
Children only	11.8	5.5	NA	19.6 ^e	NA
Mix of family members	3.0	3.7	5.4	1.2	9.2 ^{a b c}
Non-family members only	13.8	8.2	22.8	16.3	21.6 ^{a b c}
Mix of family and non-family members	13.1	15.2	17.1	12.4	6.9 ^{a b c}
Live in nursing home	9.1	3.1	2.3	11.2	25.2 ^{a b c}
Care Gap: Neither family/unpaid care nor paid care	40.4	42.7	37.9	39.3	37.2 ^{a b c}
<i>Total</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>

Notes: The analytic sample is respondents aged 50 and older who have difficulty with at least one ADL or live in a nursing home. The total N=14,355. We tested whether kinless respondents differ significantly from respondents with a partner and children (a), with a partner and no children (b), no partner and children (c). We also tested differences between those with a partner and no children from those with a partner and children (d), and differences between no partner and children from those with a partner and children (e) ($p < .05$).

Supplementary Table 5. Relative risk ratios from multinomial logistic regression model predicting caregiving arrangements among respondents who report difficulty with ADLs or live in a nursing home, Survey of Aging, Health and Retirement in Europe (*All respondents with one wave each.*)

	Care Gap: Neither family/unpaid care nor paid care vs. Only family/ unpaid care	Only paid care vs. Only family/ unpaid care	Both family/unpaid and paid care vs. Only family/ unpaid care	Live in nursing home vs. Only family/ unpaid care
Family structure (Partnered, has children)				
Partnered, no child(ren)	1.002	1.79	0.86	0.73
Un-partnered, has child(ren)	1.61***	5.09***	1.16	4.44***
Un-partnered, no children	2.07***	9.14***	1.76*	20.04***
Men (Women)	0.92	0.99	0.81	1.15
Age (50-59)				
55-59	0.80	1.76	1.87	13.51***
60-64	1.01	2.51	2.35	8.18**
65-69	1.20	4.68**	3.15	8.23**
70-74	0.74	4.29*	3.28	6.72**
75-79	0.85	3.86*	3.82*	8.96***
80+	0.50**	6.58***	5.41**	19.24***
Education (Less than upper secondary education)				
Upper secondary and vocational training	1.38**	1.30	1.46*	1.01
Tertiary education	1.46*	1.61	1.38	2.28**
Total wealth (<=49,999, Euros)				
50k-149,999	1.12	0.79	0.74	0.24***
150k-500k	1.69***	1.21	0.94	0.20***
>=500k	1.28	0.70	0.92	0.30**
Number of difficulties with ADLs	0.68***	0.97	1.34***	1.02
Regions (Western Europe)				
Northern Europe	0.99	0.80	0.25***	0.78
Southern Europe	0.41***	0.28***	0.25***	0.29***
Eastern Europe	0.52***	0.07***	0.10***	0.07***
Israel	0.58	2.02*	1.01	0.77
<i>Constant</i>	5.30***	0.04***	0.13***	0.02***

* p<.05; ** p<.01; *** p<.001

Notes: The analytic sample is respondents aged 50 and older who have difficulty with at least one ADL or live in a nursing home. Total sample size= 10,133.