

Supplemental Material

Table A1. Per capita social expenditures and share of total employment in human health and social services, by country

	Per capita social expenditures (2015 USD, PPP)	Employment in human health and social services (% total)
<i>More generous welfare states</i>		
Austria	13,398	11.1
Belgium	12,822	13.9
Denmark	13,385	18.3
France	12,428	14.7
Germany	11,267	13.6
Luxembourg	22,455	17.2
Netherlands	11,149	18.3
Sweden	12,318	17.3
Switzerland	11,267	14.0
<i>Less generous welfare states</i>		
Croatia	-	6.6
Czech Republic	6,129	7.0
Estonia	4,282	6.0
Greece	6,735	5.1
Hungary	5,387	7.3
Italy	10,178	7.2
Poland	4,489	5.9
Portugal	7,134	8.9
Slovenia	6,958	7.0
Spain	8,580	8.1
USA	10,013	15.0

Note: Data from ILO (2017) and OECD (2017); authors' calculations.

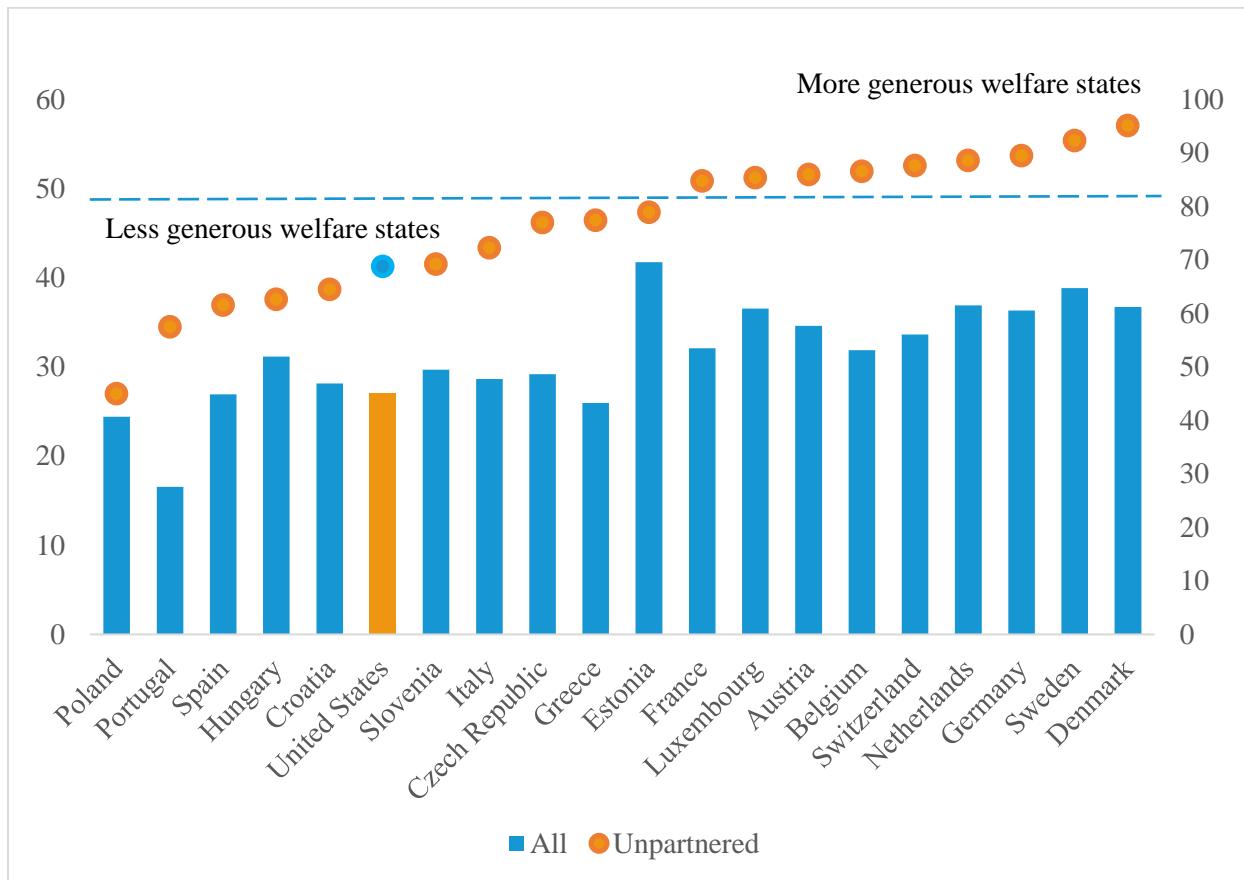
Table A2. Test of equality of coefficients for logistic regression model of living alone for unpartnered adults aged 60 and older stratified by sex and age groups.

	Difference by sex		Difference by age groups					
	Male vs female chi2	Prob>chi2	60-69 vs 70-79 chi2		70-79 vs 80 and older chi2		60-69 vs 80 and older chi2	
Age spline								
60 – 70	0.15	0.70						
70 – 80	4.64	0.03						
80 and older	1.70	0.19						
Female			0.65	0.42	1.52	0.22	3.53	0.06
Relationship status (ref. Divorced/separated)								
Widowed	8.58	0.00	0.10	0.75	0.02	0.89	0.01	0.92
Never married	0.51	0.47	5.10	0.02	0.00	0.96	2.59	0.11
Female X Relationship status								
Female X Widowed			0.11	0.74	0.82	0.36	1.44	0.23
Female X Never married			1.26	0.26	1.45	0.23	0.28	0.60
Any living siblings	0.06	0.81	0.52	0.47	3.77	0.05	1.16	0.28
Any living children	7.31	0.01	2.38	0.12	0.13	0.72	4.10	0.04
Taking care of grandchildren	3.90	0.05	4.98	0.03	1.15	0.28	6.55	0.01
Foreign born	0.00	0.95	1.77	0.18	4.89	0.03	1.01	0.31
Any IADL difficulties	1.13	0.29	12.95	0.00	2.48	0.12	27.90	0.00
Education (ref. 8 years or less)								
9 – 11	0.47	0.49	0.02	0.89	1.33	0.25	1.02	0.31
12	0.00	0.99	0.20	0.66	0.07	0.80	0.49	0.49
13 – 15	0.59	0.44	0.09	0.76	0.35	0.55	0.86	0.35
16 or more	3.66	0.06	0.15	0.70	0.00	0.97	0.10	0.75
Wealth tercile (ref. Bottom)								
Medium	0.27	0.61	2.03	0.15	0.21	0.65	0.90	0.34
Top	1.69	0.19	0.85	0.36	0.00	0.95	0.88	0.35
Income tercile (ref. Bottom)								
Medium	9.45	0.00	21.62	0.00	0.00	0.94	19.73	0.00
Top	0.51	0.48	7.33	0.01	0.17	0.68	4.25	0.04
More generous welfare state	1.42	0.23	10.83	0.00	0.00	0.95	11.36	0.00
More generous welfare state X Wealth tercile								
More generous welfare state X Medium	0.17	0.68	0.44	0.51	0.30	0.59	1.63	0.20
More generous welfare state X Top	1.00	0.32	0.10	0.76	0.29	0.59	0.09	0.76
More generous welfare state X Income tercile								
More generous welfare state X Medium	0.12	0.73	0.08	0.77	0.00	0.98	0.07	0.79
More generous welfare state X Top	3.72	0.05	2.32	0.13	0.07	0.79	1.54	0.21

Table A3. Test of equality of coefficients for multilevel logistic regression model of living alone for unpartnered adults aged 60 and older stratified by sex and age groups.

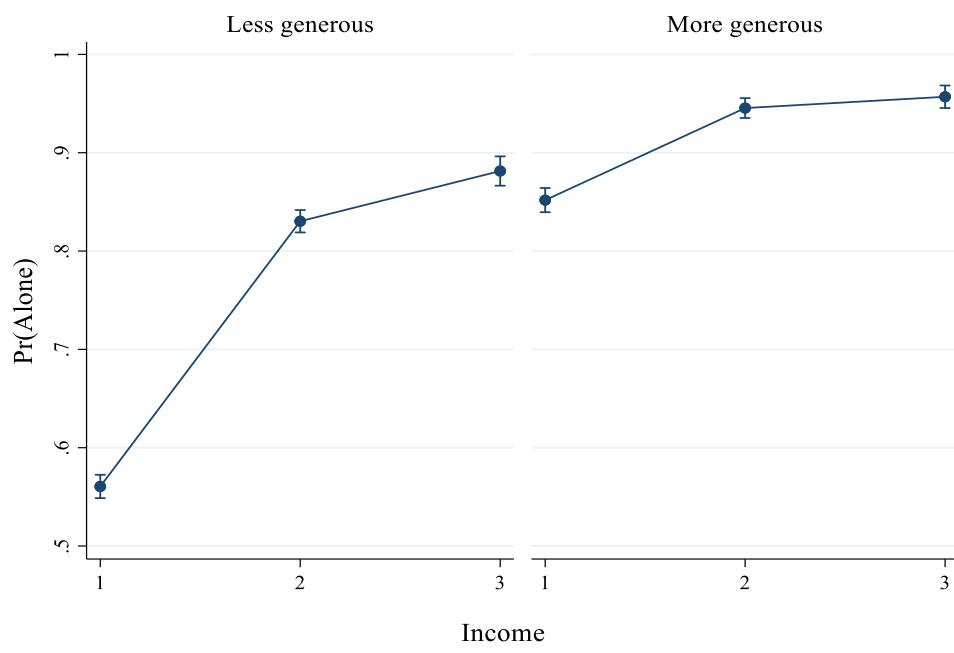
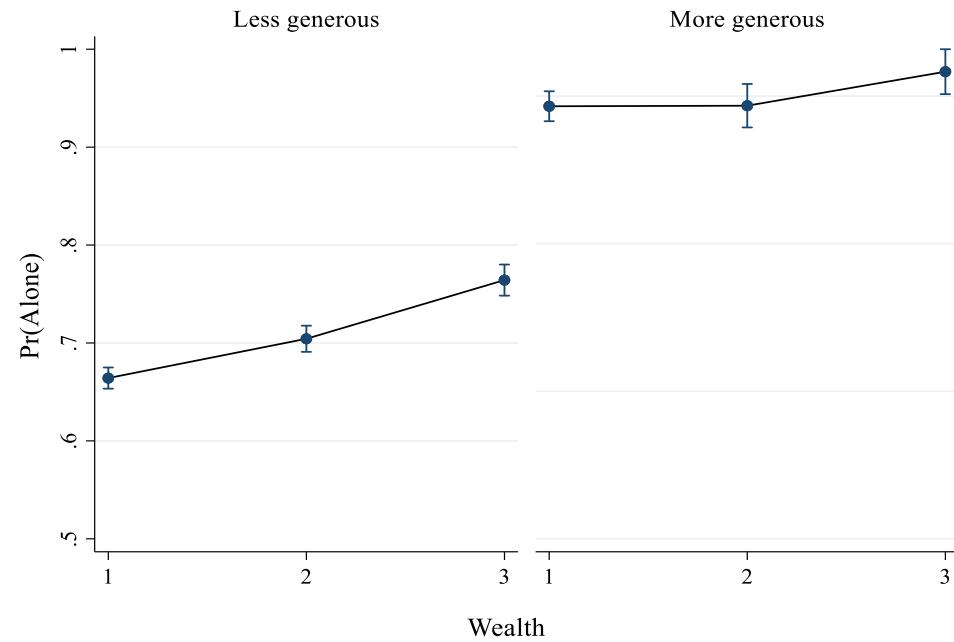
	Social services employment							
	Difference by sex		Difference by age groups					
	Male vs female chi2	Prob>chi2	60-69 vs 70-79 chi2	Prob>chi2	70-79 vs 80 and older chi2	Prob>chi2	60-69 vs 80 and older chi2	Prob>chi2
Social services employment	2.72	0.10	24.60	0.00	0.52	0.47	10.01	0.00
Wealth tercile (ref. Bottom)								
Medium	0.04	0.84	0.16	0.69	2.97	0.08	0.56	0.46
Top	0.15	0.70	0.38	0.54	0.07	0.79	0.92	0.34
Income tercile (ref. Bottom)								
Medium	4.88	0.03	14.58	0.00	0.86	0.36	3.97	0.05
Top	3.86	0.05	6.05	0.01	0.01	0.94	7.02	0.01
Social services employment X Wealth terciles								
Social services employment X Medium	0.32	0.57	1.91	0.17	5.15	0.02	0.15	0.70
Social services employment X Top	2.45	0.12	0.00	0.97	0.03	0.86	0.03	0.87
Social services employment X Income terciles								
Social services employment X Medium	1.93	0.16	11.28	0.00	1.51	0.22	2.46	0.12
Social services employment X Top	8.56	0.00	1.53	0.22	0.07	0.79	3.50	0.06
Social expenditures								
	Difference by sex		Difference by age groups					
	Male vs female chi2	Prob>chi2	60-69 vs 70-79 chi2	Prob>chi2	70-79 vs 80 and older chi2	Prob>chi2	60-69 vs 80 and older chi2	Prob>chi2
	0.03	0.87	12.34	0.00	0.03	0.86	9.56	0.00
Social expenditures								
Wealth tercile (ref. Bottom)								
Medium	0.02	0.90	0.29	0.59	2.50	0.11	0.64	0.42
Top	0.80	0.37	0.08	0.78	1.57	0.21	2.07	0.15
Income tercile (ref. Bottom)								
Medium	5.18	0.02	10.24	0.00	0.50	0.48	3.95	0.05
Top	3.00	0.08	4.75	0.03	0.36	0.55	12.04	0.00
Social expenditures X Wealth terciles								
Social expenditures X Medium	0.04	0.85	1.37	0.24	3.12	0.08	0.33	0.57
Social expenditures X Top	3.77	0.05	1.06	0.30	1.65	0.20	0.60	0.44
Social expenditures X Income terciles								
Social expenditures X Medium	1.92	0.17	5.98	0.01	0.90	0.34	2.47	0.12
Social expenditures X Top	5.63	0.02	1.58	0.21	0.26	0.61	8.36	0.00

Figure A1. Percentage of all (left axis) and unpartnered (right axis) adults aged 60 and older living alone, by country.



Note: Data from SHARE, 2011-2015, and HRS, 2014; authors' calculations.

Figure A2. Predictive margins of probability to live alone for unpartnered adults aged 60 and older, by wealth and income, and welfare state generosity. (95% confidence interval)



Note: Data from SHARE, 2011-2015, and HRS, 2014; authors' calculations.