Why Should I Care? Family Old-Age Caregiving and Preferences for Family or Public Care Provision in France

Supplemental Materials

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1 Reproducibility

All codes used to produce the results below and in the paper have been made available on the following server: https://github.com/garevaloig/OldAgeCare

The employed Generations and Gender Survey data can be requested at: https://www.ggp-i.org/ggs-round-i/

2 Research Design

Table 1: Operationalisation of Variables

| Variable	Original GGS Items	Transformations	Characteristics
Old-Age Care Preferences	*1110_a*	Levels inverted Transformed ordered to numeric	Likert Scale, numeric. Values ranging from 1 "Mainly for the family" to 5 "Mainly for society"
Old-Age Family Caregiving: Cares for parent?	*710, 711 512, 532*	If respondent cares for father or mother 60 or older, Cares for parent=1	Dummy
Old-Age Family Caregiving: Cares for partner?	*710, 711 373y*	If respondent cares for spouse or partner 60 or older, Cares for partner=1	Dummy
Psychological Well-Being	*721_a:721_g*	Mean of the 7 items is taken. Alpha-Cronbach=0.9. Values inverted.	Numeric. Values ranging from 1 (lowest well-being) to 4 (highest well-being)
Age	*age*		Numeric
Health	*701*	Values inverted.	Likert Scale, ordinal. Values ranging from 1 (worst health) to 5 (best health).
Employment Status	*actstat*	Levels recoded to "in paid employment, "not in paid employment"	Dummy
Lives with Parents	*501*	Levels recoded to "no", "yes"	Dummy
Marital Status	*marstat*	Levels recoded to "not married" and "married".	Dummy
Has Kids	*ankids*	Number of kids recoded to "no" and "yes"	Dummy
Household Income	*1009*	Levels recoded to "<1500", "1500-3000",">3000"	Categorical
Gender	*sex*		Dummy, time-invariant
Educational Level	*aeduc*	Levels recoded to "not completed higher education" (ISCED $\leq$ 2) and "completed higher education" (ISCED $\geq$ 3). Education level at Wave 1 kept invariant.	Dummy, time-invariant
Respondent Needs Help with Personal Care	*704*		Dummy.

3 Descriptive Analyses

3.1 Old-Age Care Preferences

Figure 1: Distribution of old-age care preferences
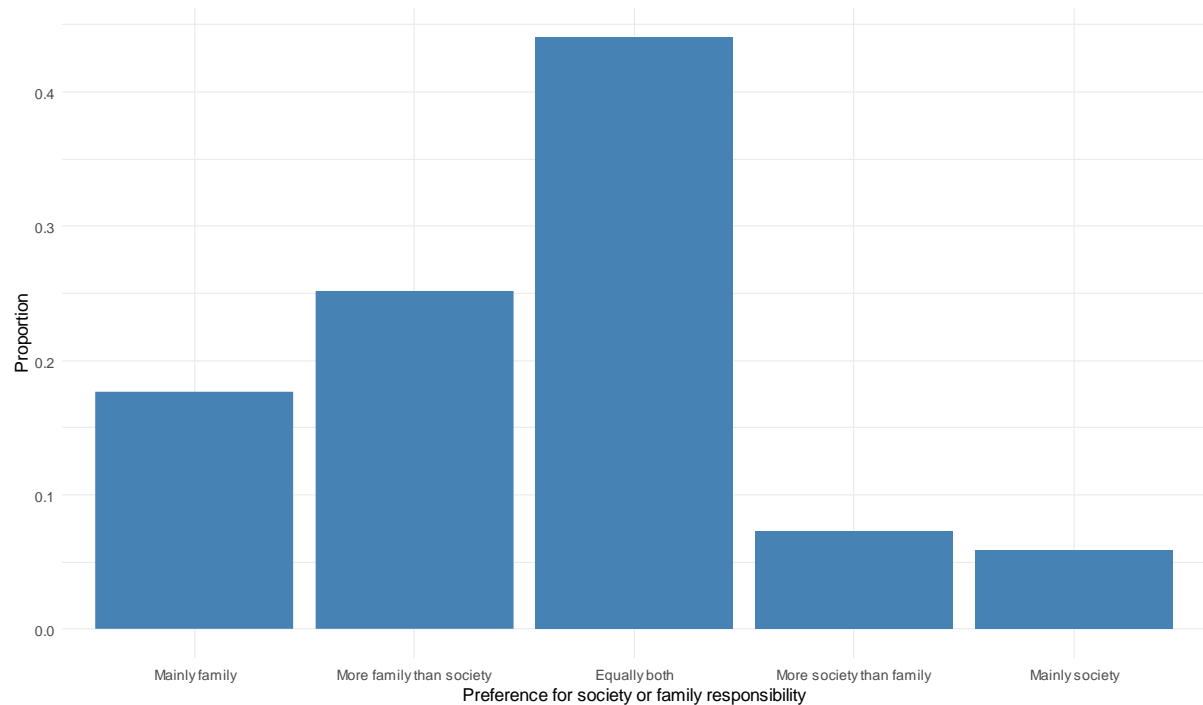
Source: Gender and Generations Survey I, n=16157

Figure 2: Distribution of old-age care preferences by gender
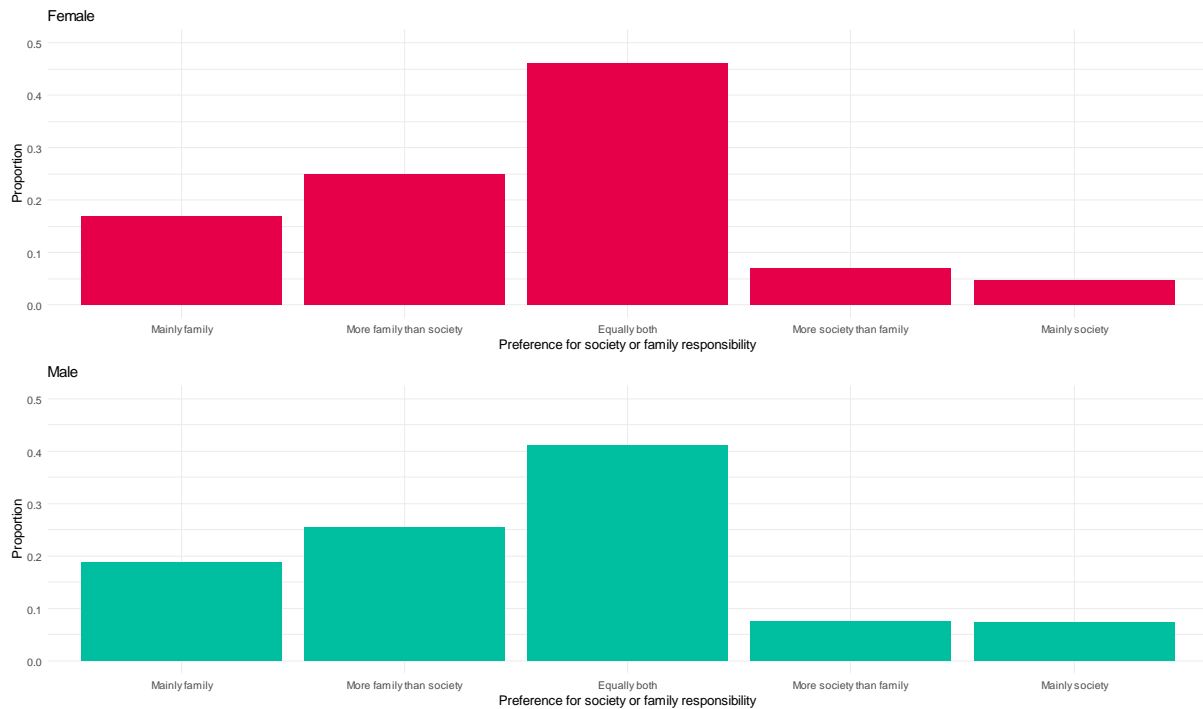
Source: Gender and Generations Survey I, n=16157

Figure 3: Distribution of old-age care preferences by caregiver type group

Caregivers of a parent

Caregivers of a partner

Non caregivers

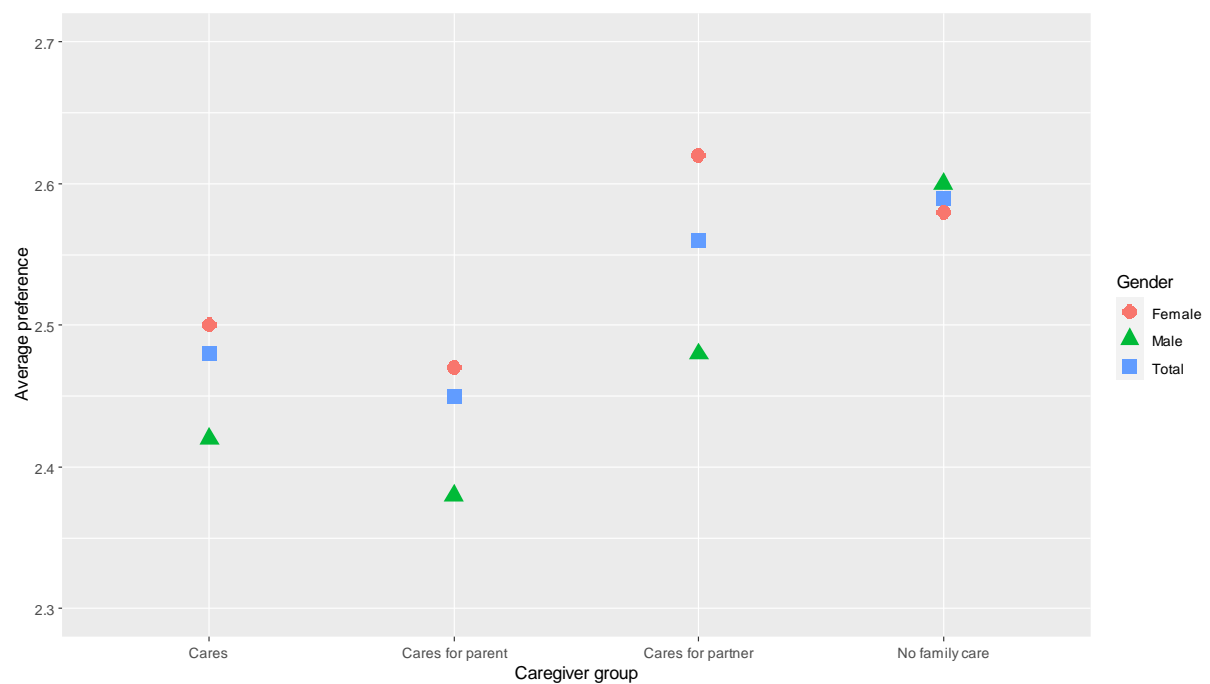Preference for society or family responsibility

Source: Gender and Generations Survey I, n=16157

Figure 4: Average old-age preferences by gender and caregiver type group

Source: Gender and Generations Survey I, n=16157

3.2 Old-Age Family Caregiving

Table 2: Distribution of caregiving across genders and age groups (pooled sample)

	Men	Women	Under 45	45-59	60 and over	N
Cares (total)	0.31	0.69	0.05	0.47	0.47	476
Cares for parent	0.26	0.74	0.07	0.63	0.30	341
Cares for partner	0.45	0.55	0.00	0.13	0.87	135

3-Wave pooled sample (group sizes in right column)

Figure 5: Gender and age distribution for each caregiving group
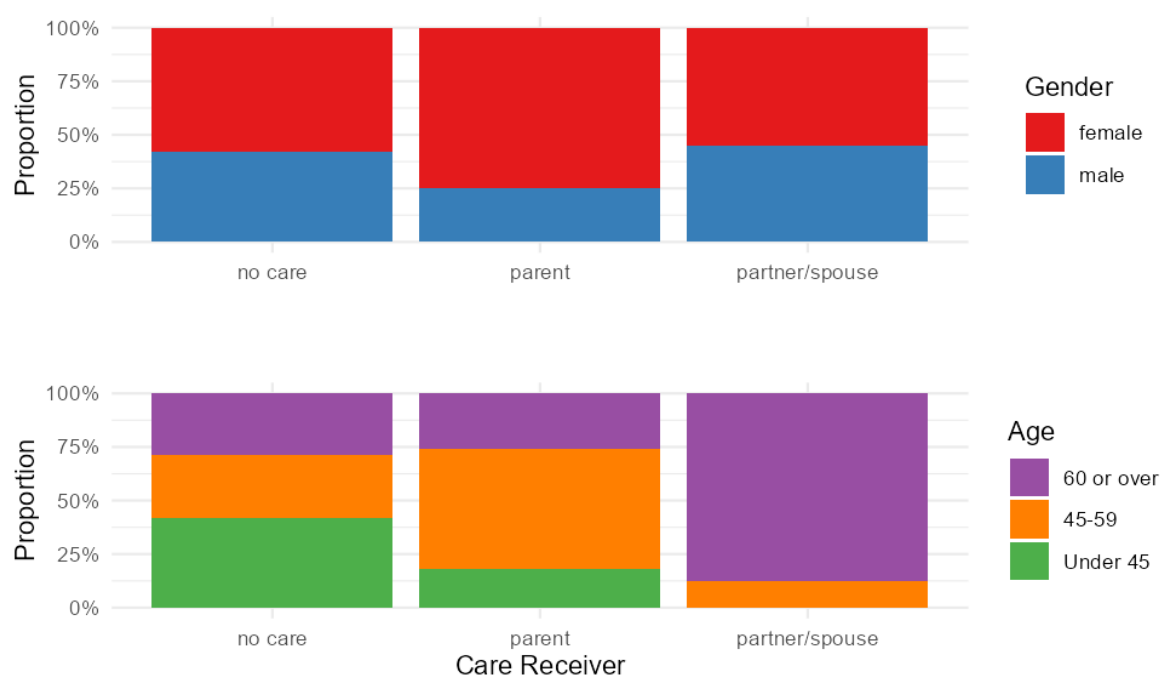
Source: Gender and Generations Survey I, n=16157

3.3 Well-being

Figure 7: Distribution of well-being by gender and caregiver type group
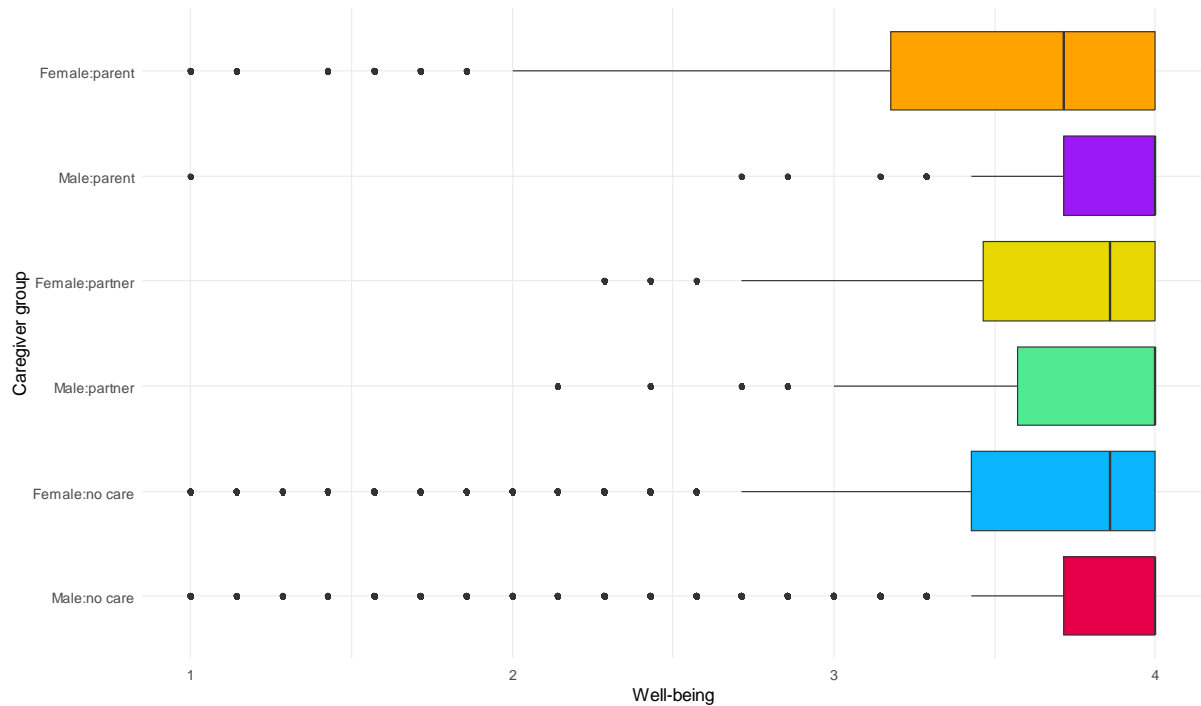
Source: Gender and Generations Survey I, n=16157

3.4 Correlations

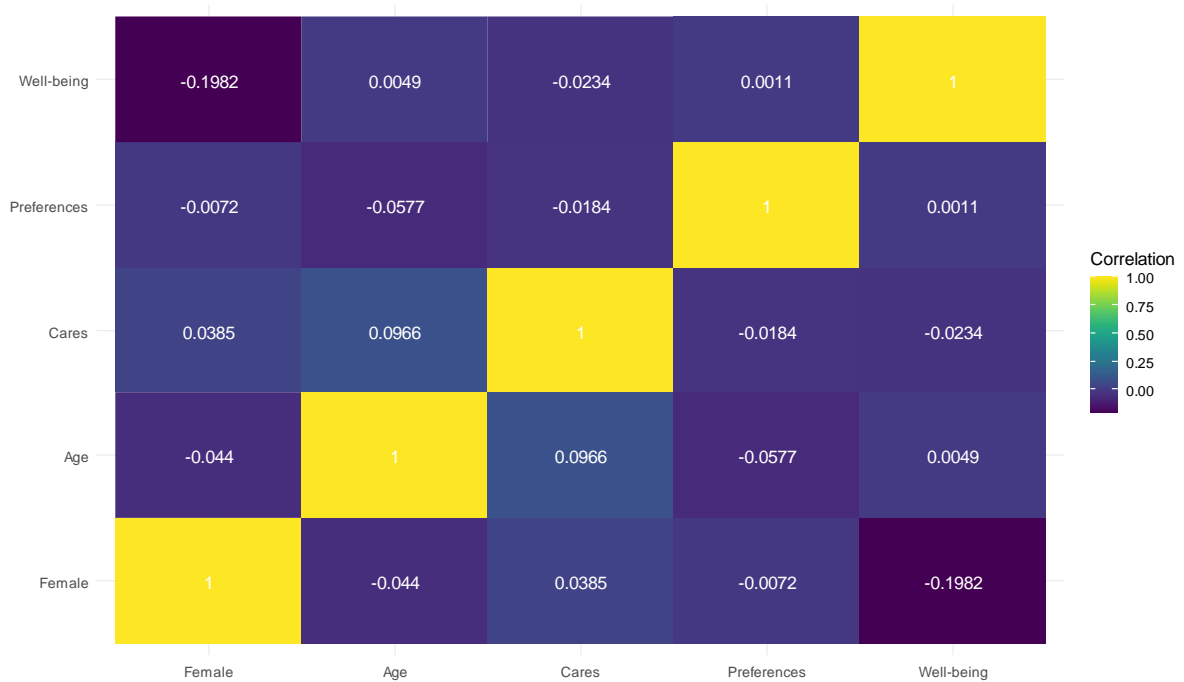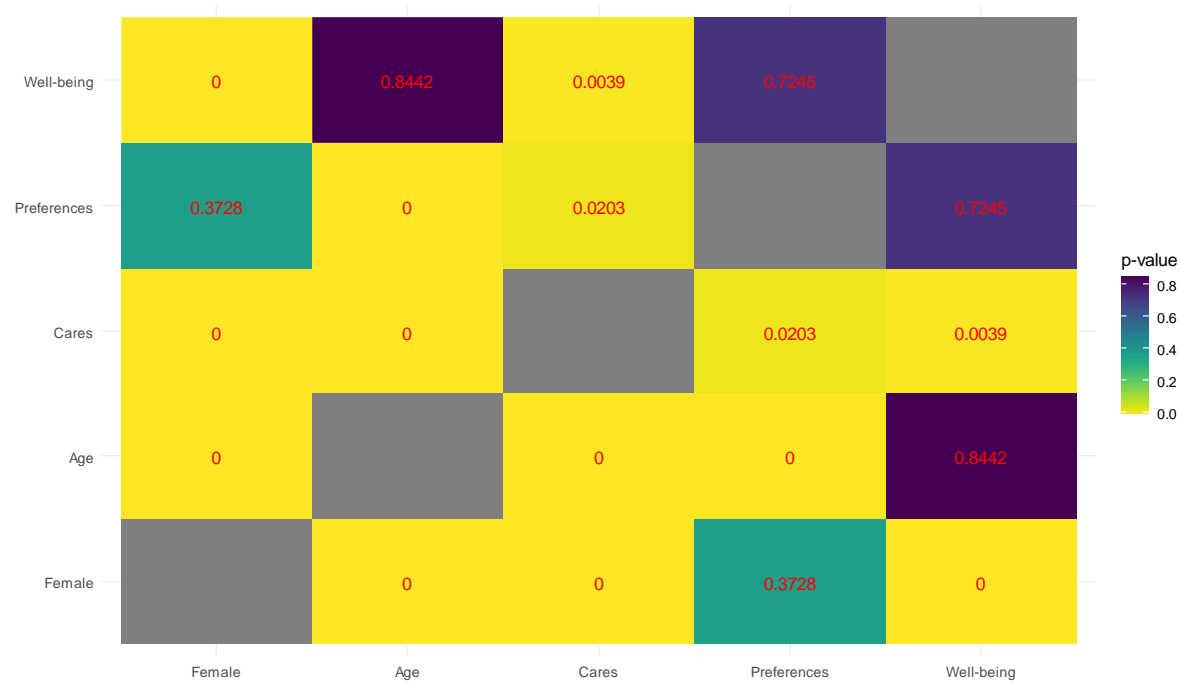**Figure 8: Size of correlations between main variables**

Source: Gender and Generations Survey I, n=16157

Figure 9: Significance of correlations between main variables

Source: Gender and Generations Survey I, n=16157

4 Regression Models

Table 2: Linear Fixed-Effects Models for Preferences

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	0.02	-0.19 ***		
	(0.02)	(0.03)		
Cares for partner			0.14 ***	0.03
			(0.04)	(0.04)
Well-being	0.08 **	-0.18 **	-0.08 *	-0.10 +
	(0.02)	(0.06)	(0.03)	(0.05)
Age	-0.00	-0.04 ***	0.03 ***	-0.04 ***
	(0.00)	(0.01)	(0.01)	(0.01)
Activity: not in paid employment	0.07 .	-0.05	-0.33 ***	-0.04
	(0.04)	(0.06)	(0.06)	(0.11)
Partnership: non-resident	0.30 ***	0.53 ***	0.15	-0.33 *
	(0.06)	(0.09)	(0.10)	(0.14)
Partnership: co-resident partner	0.24 **	0.30 **	-0.27 **	0.81 ***
	(0.08)	(0.09)	(0.10)	(0.16)
Lives with parents	-0.34 **	-0.86 ***	-0.10	-0.19
	(0.10)	(0.18)	(0.26)	(0.32)
Marital: married	-0.31 ***	0.39 ***	-0.02	-1.67 ***
	(0.08)	(0.09)	(0.10)	(0.22)
Has kids: no	-0.03	-0.26 **	-0.00	-0.50 ***
	(0.06)	(0.08)	(0.06)	(0.06)
HH Income: 1500-3000	-0.04	-0.46 ***	-0.01	0.38 ***
	(0.04)	(0.06)	(0.05)	(0.06)
HH Income: >3000	0.07	-0.31 ***	-0.12 +	0.41 ***
	(0.05)	(0.07)	(0.07)	(0.08)
Health	0.08 ***	-0.02	0.04 +	0.05 +
	(0.02)	(0.03)	(0.03)	(0.03)
AIC	-26104.01	-10955.54	-5282.509	3867.747
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896

$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$

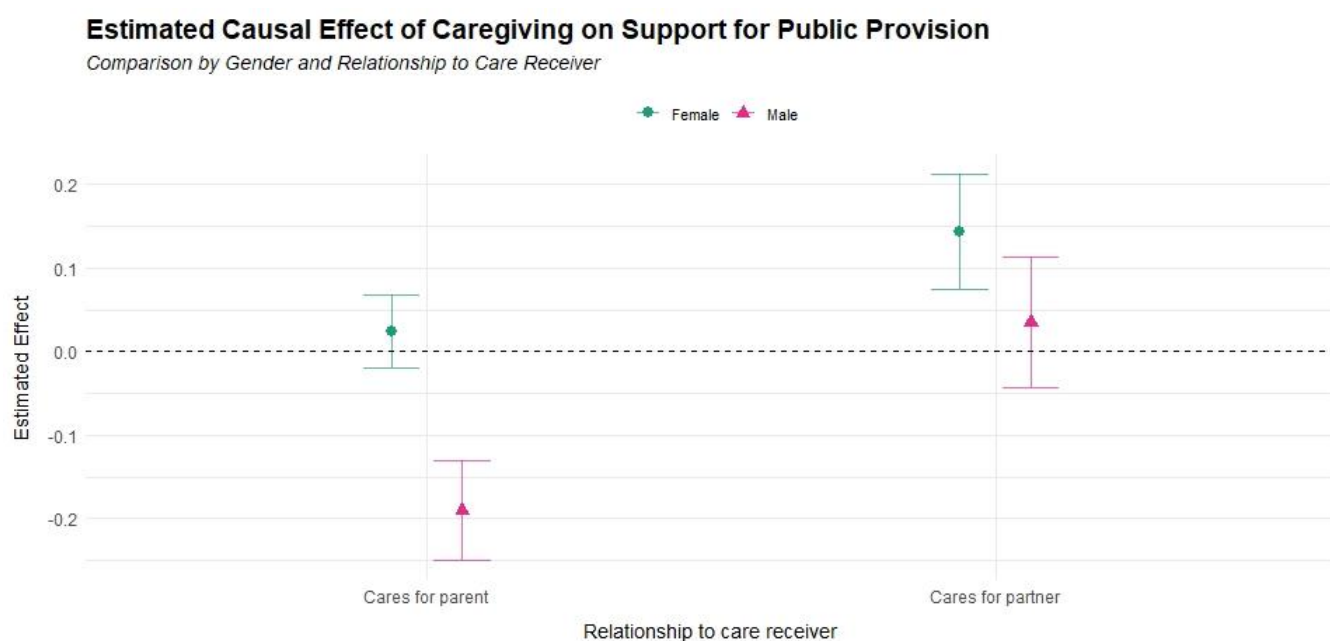**Figure X: Linear within effect of caregiving on preferences (fixed-effects models)**

Estimated Causal Effect of Caregiving on Support for Public Provision

Comparison by Gender and Relationship to Care Receiver

Table 3: Linear Within-Between Models for Preferences

	M1	M2	M3
Within-Effects			
Treatment: Cares for parent or partner	-0.13*		
	(0.06)		
Treatment: Cares for parent		-0.15*	
		(0.07)	
Treatment: Cares for partner			-0.10
			(0.07)
Well-being	-0.01	-0.00	-0.05+
	(0.02)	(0.02)	(0.03)
Age	-0.001	-0.003	0.004
	(0.003)	(0.003)	(0.003)
Health	0.02	-0.001	0.05***
	(0.02)	(0.02)	(0.02)
Emp. Status: Not in paid employment	-0.02	-0.01	-0.09
	(0.03)	(0.03)	(0.07)
Partnership: Co-resident partner	0.24***	0.15**	0.55***
	(0.06)	(0.06)	(0.08)
Partnership: Non-resident partner	0.18***	0.26***	-0.24***
	(0.05)	(0.05)	(0.07)
Lives with parents: Yes	-0.44***	-0.44***	0.03
	(0.11)	(0.09)	(0.17)
Marital status: Married	-0.17*	-0.08	-0.48***
	(0.07)	(0.06)	(0.10)
Has kids: Yes	-0.22***	-0.10*	-0.49***
	(0.04)	(0.04)	(0.04)
HH Income 1500-3000	-0.07*	-0.12***	-0.001
	(0.03)	(0.03)	(0.03)
HH Income >3000	0.06	0.04	-0.05
	(0.04)	(0.04)	(0.05)
Between-Effects			
Intercept	2.74***	2.80***	2.72***
	(0.14)	(0.14)	(0.19)
Treatment: Cares (between)	-0.16+	-0.29**	0.12
	(0.09)	(0.10)	(0.15)
Well-being	-0.03	-0.03	-0.03
	(0.03)	(0.03)	(0.04)
Age	-0.00	-0.00	-0.00
	(0.00)	(0.00)	(0.00)
Health	-0.02	-0.02	-0.04
	(0.02)	(0.02)	(0.03)
Emp. Status: Not in paid employment	-0.01	-0.02	-0.04
	(0.04)	(0.04)	(0.06)
Partnership: Co-resident partner	0.03	0.02	0.07
	(0.05)	(0.05)	(0.08)
Partnership: Non-resident partner	0.08	0.06	0.06
	(0.08)	(0.07)	(0.10)
Lives with parents: Yes	-0.41***	-0.41***	-0.18
	(0.13)	(0.11)	(0.17)
Marital status: Married	-0.04	-0.03	-0.12+
	(0.04)	(0.04)	(0.07)
Has kids: Yes	-0.03	-0.03	0.00
	(0.04)	(0.04)	(0.05)
HH Income 1500-3000	0.10*	0.08	0.09
	(0.05)	(0.05)	(0.06)
HH Income >3000	0.11*	0.11*	0.07
	(0.05)	(0.05)	(0.07)
Gender: Female	-0.01	-0.02	-0.01
	(0.03)	(0.03)	(0.05)
Education: completed higher secondary	0.11***	0.11***	0.16***
	(0.03)	(0.03)	(0.04)
Cross-Level Interactions			
Treatment:Female	0.18*	0.20*	0.33***
	(0.07)	0.08	(0.10)
AIC	44725.71	41981.13	57775.72
Num. obs.	13761	13524	13041
Num. groups: individuals	4587	4508	4347

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.10$

Figure 10: Linear within effect of caregiving on preferences (within-between models)

Estimated Causal Effect of Caregiving on Support for Public Provision

Comparison by Gender and Relationship to Care Receiver

Table 4: Linear Fixed-Effects Models for Well-Being

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	-0.00	-0.02 *		
	(0.01)	(0.01)		
Cares for partner			0.09 ***	-0.04 **
			(0.02)	(0.01)
Age	0.00	0.00	0.00	-0.01 ***
	(0.00)	(0.00)	(0.00)	(0.00)
Activity: not in paid employment	-0.03	0.03	-0.10 ***	0.05
	(0.02)	(0.02)	(0.02)	(0.03)
Partnership: non-resident	0.27 ***	0.14 ***	0.42 ***	0.12 **
	(0.04)	(0.02)	(0.06)	(0.04)
Partnership: co-resident partner	0.43 ***	0.26 ***	0.30 ***	0.51 ***
	(0.04)	(0.03)	(0.05)	(0.05)
Lives with parents	-0.05	0.02	-0.00	-0.01
	(0.06)	(0.05)	(0.15)	(0.10)
Marital: married	-0.02	0.05 *	-0.10 *	-0.26 ***
	(0.05)	(0.02)	(0.05)	(0.07)
Has kids: no	0.08 *	-0.02	-0.07 **	-0.13 ***
	(0.03)	(0.02)	(0.03)	(0.02)
HH Income: 1500-3000	-0.04 +	-0.02	-0.00	-0.05 **
	(0.02)	(0.02)	(0.02)	(0.02)
HH Income: >3000	-0.08 *	0.01	0.08 **	-0.00
	(0.03)	(0.02)	(0.03)	(0.03)
Health	0.12 ***	0.01	0.06 ***	0.02 +
	(0.01)	(0.01)	(0.01)	(0.01)
AIC	13253.86	3065.99	22249.99	17357.14
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896

$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$

Figure 10: Linear within effect of caregiving on preferences (within-between models)

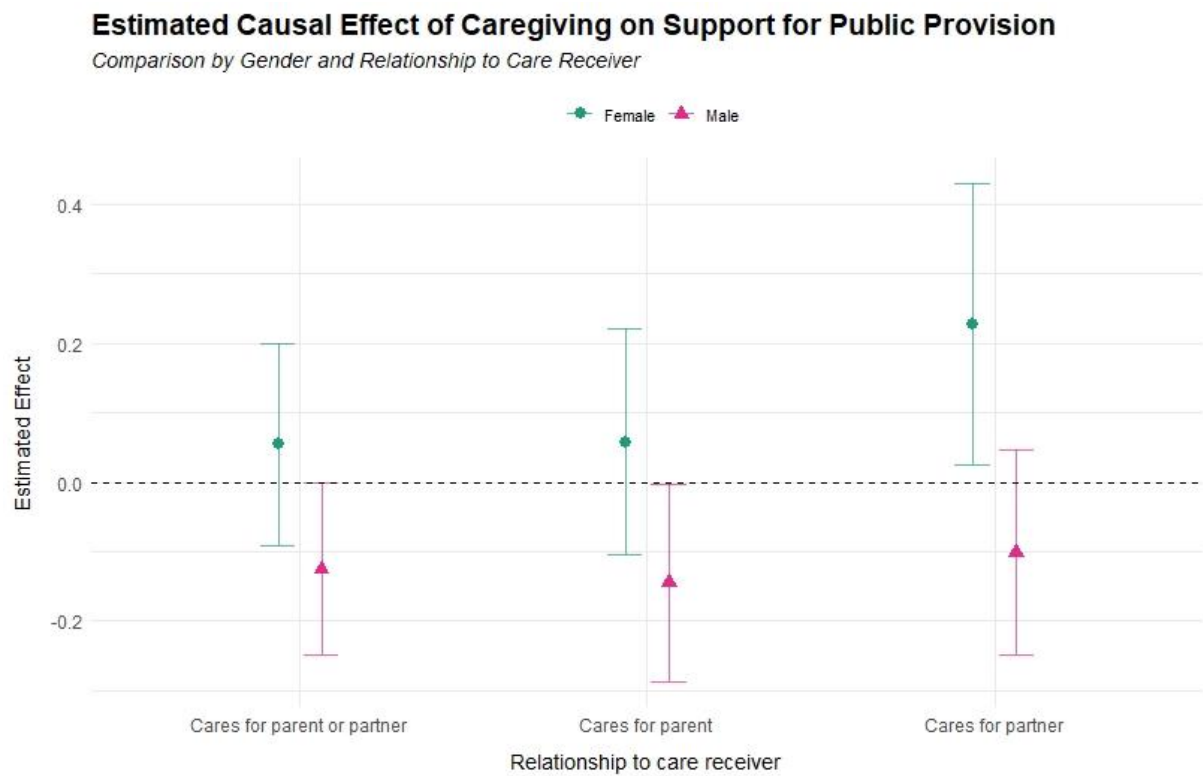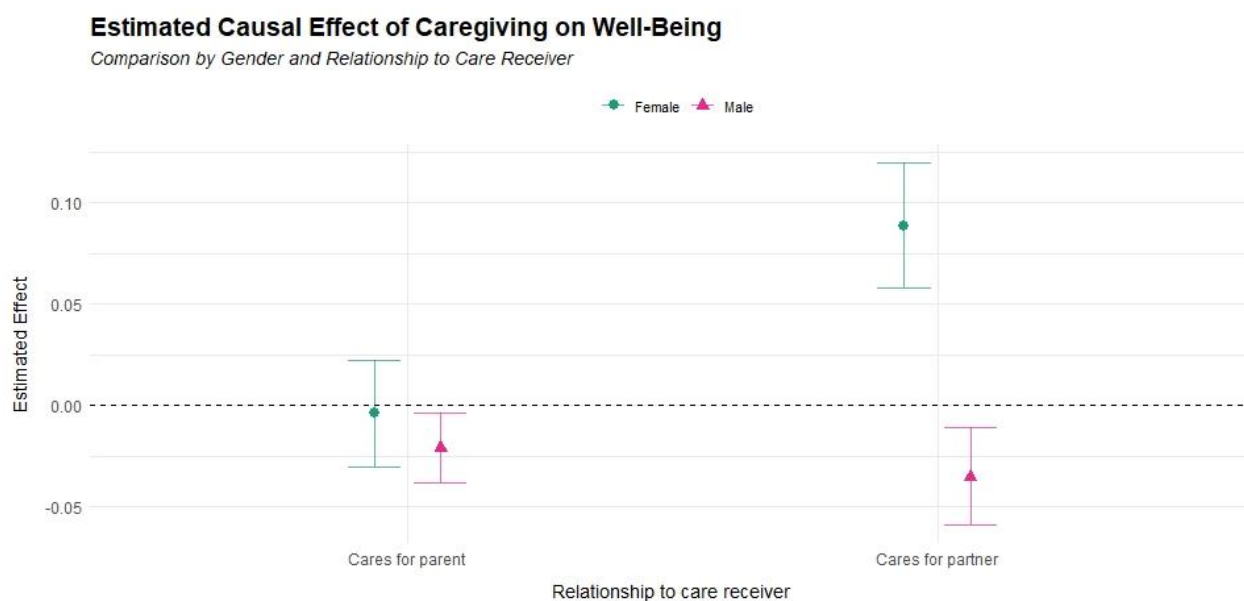**Estimated Causal Effect of Caregiving on Well-Being**
Comparison by Gender and Relationship to Care Receiver

Table 5: Linear Within-Between Models for Well-Being

	M1	M2	M3
Within-Effects			
Treatment: Cares for parent or partner	-0.03		
	(0.04)		
Treatment: Cares for parent		0.02	
		(0.05)	
Treatment: Cares for partner			-0.12 ***
			(0.03)
Age	-0.00	0.00	-0.01 ***
	(0.00)	(0.00)	(0.00)
Health	0.08 ***	0.11 ***	0.00
	(0.01)	(0.01)	(0.01)
Emp. Status: Not in paid employment	-0.04 **	-0.05 ***	-0.00
	(0.01)	(0.01)	(0.02)
Partnership: Co-resident partner	0.32 ***	0.33 ***	0.32 ***
	(0.03)	(0.03)	(0.05)
Partnership: Non-resident partner	0.16 ***	0.18 ***	-0.02
	(0.03)	(0.02)	(0.05)
Lives with parents: Yes	-0.12 **	-0.15 ***	-0.01
	(0.05)	(0.04)	(0.07)
Marital status: Married	0.04	0.04	0.08 .
	(0.03)	(0.03)	(0.04)
Has kids: Yes	-0.02	0.01	-0.10 ***
	(0.02)	(0.02)	(0.01)
HH Income 1500-3000	0.00	-0.01	0.02 *
	(0.01)	(0.02)	(0.01)
HH Income >3000	0.00	-0.03	0.09 ***
	(0.02)	(0.02)	(0.02)
Between-Effects			
Intercept	2.42 ***	2.43 ***	2.47 ***
	(0.06)	(0.06)	(0.07)
Treatment: Cares (between)	-0.17 ***	-0.20 ***	-0.09
	(0.05)	(0.06)	(0.08)
Age (between)	0.01 ***	0.01 ***	0.01 ***
	(0.00)	(0.00)	(0.00)
Health (between)	0.23 ***	0.23 ***	0.22 ***
	(0.01)	(0.01)	(0.01)
Emp. Status: Not in paid employment (between)	-0.00	-0.00	-0.03
	(0.02)	(0.02)	(0.03)
Partnership: Co-resident partner (between)	0.16 ***	0.16 ***	0.15 ***
	(0.03)	(0.03)	(0.04)
Partnership: Non-resident partner (between)	0.02	0.01	-0.05
	(0.04)	(0.04)	(0.07)
Lives with parents: Yes (between)	-0.02	-0.02	0.08
	(0.06)	(0.06)	(0.09)
Marital status: Married (between)	0.03	0.03	0.03
	(0.02)	(0.02)	(0.03)
Has kids: Yes (between)	-0.05 **	-0.06 **	-0.05 .
	(0.02)	(0.02)	(0.03)
HH Income 1500-3000 (between)	0.09 ***	0.08 ***	0.09 **
	(0.02)	(0.02)	(0.03)
HH Income >3000 (between)	0.06 *	0.06 *	0.10 **
	(0.03)	(0.03)	(0.03)
Gender: Female	-0.19 ***	-0.19 ***	-0.20 ***
	(0.01)	(0.01)	(0.02)
Education: completed higher secondary	0.05 **	0.06 ***	0.01
	(0.02)	(0.02)	(0.02)
Cross-Level Interactions			
Treatment:Female	0.05	-0.01	0.23 ***
	(0.04)	(0.05)	(0.04)
AIC	23897.46	23898.84	38059.49
Num. obs.	13761	13524	13041
Num. groups: individuals	4587	4508	4347

$***\ p < 0.001, **\ p < 0.01, *\ p < 0.05, +p < 0.10$

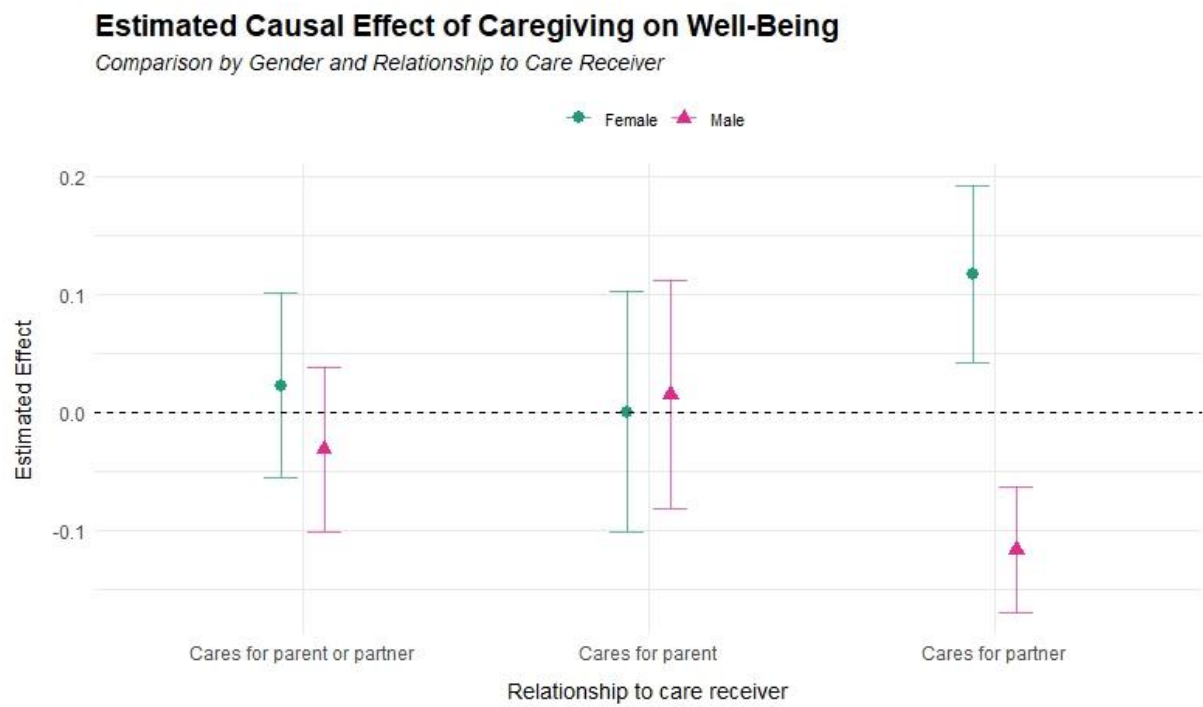**Figure 11: Linear within effect of caregiving on well-being (within-between models)**

Estimated Causal Effect of Caregiving on Well-Being

Comparison by Gender and Relationship to Care Receiver

Table 6: Causal Mediation Analysis

	Female			Male		
	Cares	*Cares for parent*	*Cares for partner*	*Cares*	*Cares for parent*	*Cares for partner*
ACME	0.001	-0.0004	-0.01**	0.003**	0.004**	0.004*
ADE	0.04+	0.03	0.14***	-0.14***	-0.19***	0.03
Total	0.04*	0.02	0.14***	-0.14***	-0.19***	0.04
Proportion Mediated	0.01	-0.01	-0.04**	-0.02*	-0.02**	0.07
Num. obs	7893	7764	7353	5868	5760	5688
Num. groups: individuals	2631	2588	2451	1956	1920	1896

$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$

Figure 12: Causal Mediation Effects of Caregiving on Preferences through Well-Being
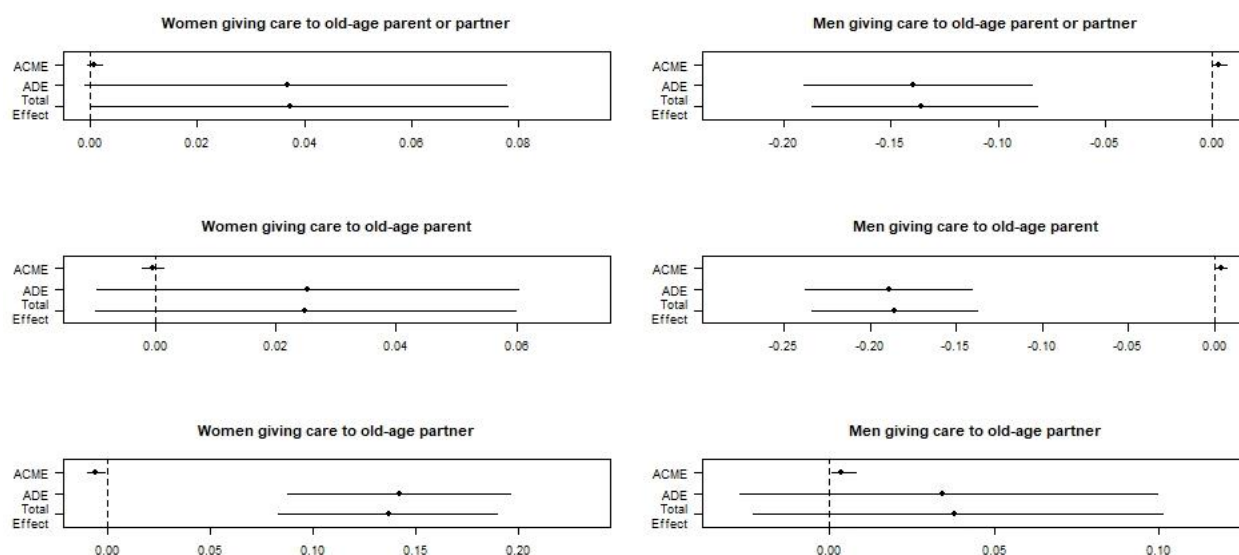
5 Robustness

Table X: Doubly Robust Estimator for the Effect of Caregiving on Preferences

	Total	Female	Male
Gives care to parent or partner	-0.09+	-0.06	-0.14
Gives care to parent	-0.12*	-0.11	-0.14
Gives care to partner	0.11	0.36	-0.09
$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$			

PS Formula: *cares~age+activity status+education+household income+lives with parents+needs care+health*

Outcome Formula: *preferences ~ well-being+age+activity status+education+household income+partnership status+marital status+has kids+lives with parents+health*

Table X: Doubly Robust Estimator for the Effect of Caregiving on Well-Being

	Total	Female	Male
Gives care to parent or partner	-0.09**	-0.09*	-0.04
Gives care to parent	-0.10*	-0.12*	0.01
Gives care to partner	-0.08	0.02	-0.30***
$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$			

PS Formula: *cares~age+activity status+education+household income+lives with parents+needs care+health*

Outcome Formula: *well-being ~ age+activity status+education+household income+partnership status+marital status+has kids+lives with parents+health*

Note: Doubly-Robust Estimators do not take into account the panel structure of the data

Table X: Linear Fixed-Effects Models for Preferences using IPW

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	0.05 *	-0.40 ***		
	(0.02)	(0.03)		
Cares for partner			0.10 **	0.86 ***
			(0.03)	(0.03)
Well-being	0.12 ***	-0.13 *	0.21 ***	0.03
	(0.02)	(0.05)	(0.03)	(0.05)
Age	-0.01 **	-0.05 ***	-0.01 *	0.01 +
	(0.00)	(0.01)	(0.00)	(0.01)
Activity: not in paid employment	0.07 +	-0.13 *	-0.07	-0.08
	(0.04)	(0.06)	(0.05)	(0.06)
Partnership: non-resident	0.18 **	0.54 ***	-0.17 *	-0.29 **
	(0.06)	(0.09)	(0.07)	(0.09)
Partnership: co-resident partner	0.16 *	0.27 **	-0.74 ***	-0.03
	(0.07)	(0.09)	(0.05)	(0.09)
Lives with parents	-0.55 ***	-0.45 **	-0.46 ***	0.13
	(0.11)	(0.15)	(0.13)	(0.16)
Marital: married	-0.41 ***	0.23 *	0.28 ***	-0.15
	(0.07)	(0.09)	(0.06)	(0.11)
Has kids: no	0.05	-0.22 **	0.25 ***	-0.17 **
	(0.06)	(0.08)	(0.05)	(0.06)
HH Income: 1500-3000	-0.00	-0.24 ***	0.50 ***	0.03
	(0.04)	(0.05)	(0.03)	(0.06)
HH Income: >3000	0.18 ***	-0.12 *	0.47 ***	0.09
	(0.05)	(0.06)	(0.04)	(0.07)
Health	0.06 *	0.06 *	0.14 ***	0.06 *
	(0.02)	(0.03)	(0.02)	(0.03)
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896
$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$				

Table X: Linear Fixed-Effects Models for Preferences, no weights

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	-0.02	-0.26 +		
	(0.08)	(0.15)		
Cares for partner			0.13	-0.14
			(0.16)	(0.20)
Well-being	-0.02	-0.01	-0.03	-0.01
	(0.03)	(0.05)	(0.03)	(0.05)
Age	0.01	0.01	0.01 +	0.01
	(0.00)	(0.01)	(0.00)	(0.01)
Activity: not in paid employment	0.02	-0.09	0.02	-0.09
	(0.04)	(0.06)	(0.04)	(0.06)
Partnership: non-resident	0.04	-0.13 +	0.02	-0.16 *
	(0.06)	(0.08)	(0.06)	(0.08)
Partnership: co-resident partner	0.09	0.01	0.06	-0.00
	(0.06)	(0.08)	(0.07)	(0.08)
Lives with parents	-0.11	0.14	-0.09	0.17
	(0.10)	(0.14)	(0.11)	(0.14)
Marital: married	-0.02	0.04	-0.02	-0.01
	(0.07)	(0.10)	(0.07)	(0.10)
Has kids: no	0.10 *	-0.07	0.11 *	-0.08
	(0.05)	(0.06)	(0.05)	(0.06)
HH Income: 1500-3000	-0.08 +	-0.13 *	-0.09 *	-0.11 +
	(0.04)	(0.06)	(0.04)	(0.06)
HH Income: >3000	-0.07	-0.07	-0.08	-0.07
	(0.06)	(0.07)	(0.06)	(0.07)
Health	0.03	0.02	0.03	0.02
	(0.02)	(0.03)	(0.02)	(0.03)
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896
$*** p < 0.001, ** p < 0.01, * p < 0.05, + p < 0.10$				

Table X: Linear Fixed-Effects Models for Well-Being using IPW

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	-0.02	-0.03 ***		
	(0.01)	(0.01)		
Cares for partner			0.25 ***	0.07 ***
			(0.02)	(0.01)
Age	-0.00	0.00	0.01 **	-0.00
	(0.00)	(0.00)	(0.00)	(0.00)
Activity: not in paid employment	-0.02	0.01	-0.15 ***	0.00
	(0.02)	(0.02)	(0.02)	(0.02)
Partnership: non-resident	0.24 ***	0.15 ***	0.15 ***	0.15 ***
	(0.04)	(0.03)	(0.03)	(0.03)
Partnership: co-resident partner	0.41 ***	0.26 ***	0.32 ***	0.29 ***
	(0.04)	(0.02)	(0.03)	(0.03)
Lives with parents	0.01	0.04	0.14 *	0.05
	(0.06)	(0.03)	(0.06)	(0.05)
Marital: married	-0.01	0.05 *	-0.03	0.02
	(0.04)	(0.02)	(0.04)	(0.03)
Has kids: no	0.07 *	-0.00	0.13 ***	-0.02
	(0.03)	(0.02)	(0.03)	(0.02)
HH Income: 1500-3000	-0.01	-0.01	-0.11 ***	0.03
	(0.02)	(0.01)	(0.02)	(0.02)
HH Income: >3000	-0.07 *	0.02	-0.11 ***	0.03
	(0.03)	(0.02)	(0.02)	(0.02)
Health	0.11 ***	0.02 *	0.17 ***	0.06 ***
	(0.01)	(0.01)	(0.01)	(0.01)
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896
*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.10$				

Table X: Linear Fixed-Effects Models for Well-Being, no weights

	M1.1 (Female)	M1.2 (Male)	M2.1 (Female)	M2.2 (Male)
Cares for parent	-0.01	-0.01		
	(0.04)	(0.05)		
Cares for partner			0.06	-0.08
			(0.09)	(0.07)
Age	0.01 ***	0.00	0.01 ***	-0.00
	(0.00)	(0.00)	(0.00)	(0.00)
Activity: not in paid employment	-0.03 +	0.01	-0.04 +	0.01
	(0.02)	(0.02)	(0.02)	(0.02)
Partnership: non-resident	0.19 ***	0.18 ***	0.17 ***	0.18 ***
	(0.03)	(0.03)	(0.03)	(0.03)
Partnership: co-resident partner	0.34 ***	0.25 ***	0.33 ***	0.26 ***
	(0.03)	(0.03)	(0.03)	(0.03)
Lives with parents	0.07	0.03	0.07	0.03
	(0.06)	(0.05)	(0.06)	(0.05)
Marital: married	-0.00	0.05	-0.01	0.05
	(0.04)	(0.03)	(0.04)	(0.03)
Has kids: no	0.00	0.00	-0.01	-0.00
	(0.03)	(0.02)	(0.03)	(0.02)
HH Income: 1500-3000	0.01	0.07 ***	0.02	0.07 ***
	(0.02)	(0.02)	(0.02)	(0.02)
HH Income: >3000	0.03	0.06 *	0.04	0.06 *
	(0.03)	(0.02)	(0.03)	(0.02)
Health	0.13 ***	0.07 ***	0.12 ***	0.07 ***
	(0.01)	(0.01)	(0.01)	(0.01)
Num. obs.	7764	5760	7353	5688
Num. groups: individuals	2588	1920	2451	1896
*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.10$				

Figures X: Performance of Weights

	Gives care to old-age parent or partner
Pooled sample	
Female	
Male	

Gives care to old-age parent

Pooled sample

needscareyes	
lwparentsyes	
hhincome1500-3000	
hhincome>3000	
health_num	
higher secondary education	
aage_grp60 or over	
aage_grp45-59	
not in paid employment	

Standardized Mean Differences

wt.type
- IPW
- overlap
- unweighted

Female

Standardized Mean Differences

Male

Standardized Mean Differences

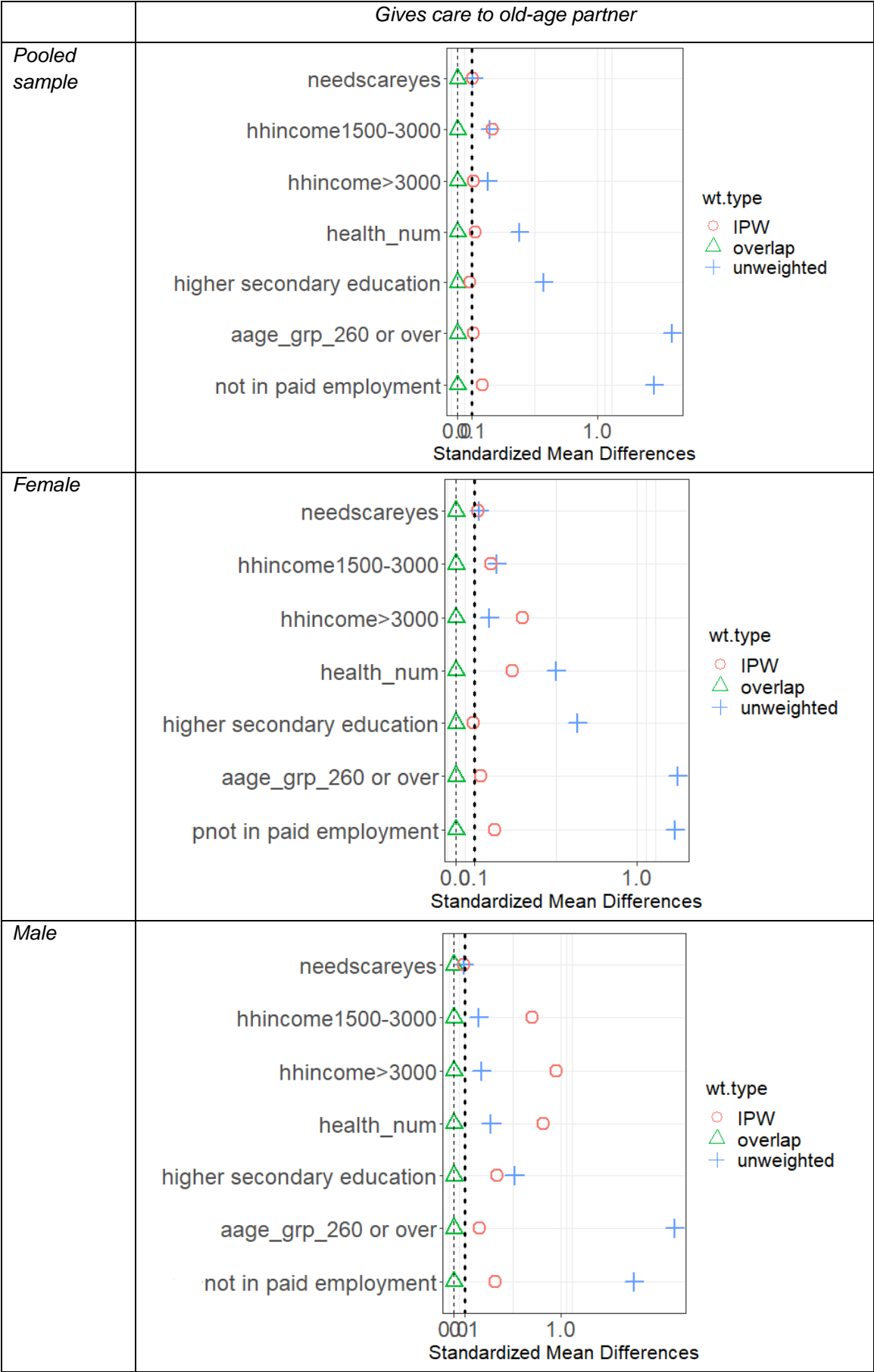|	Gives care to old-age partner
Pooled sample	
Female	
Male	

Figure X: Sensitivity Analyses for Mediation Models