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Aging during COVID-19 in Germany: a longitudinal analysis of psychosocial adaptation

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Supplementary Data

Table 1—Supplement: Selectivity of Sample W1-W3 Compared to Full W1 Sample

	Participants Wave 1			Participants Wave 1 to 3		
	mean	sd	N	mean	sd	N
Age 65-79	0.11	0.31	6510	0.13	0.34	3098
Women	0.69	0.46	6454	0.73	0.45	3090
Partnered	0.74	0.44	6420	0.73	0.44	3070
University degree	0.74	0.44	6370	0.77	0.42	3058
Working	0.87	0.34	6273	0.85	0.36	3016
Self-rated pre-pandemic physical health	2.11	0.82	5112	2.10	0.82	3091
Town size >50,000 inhabitants	0.65	0.48	6456	0.67	0.47	3082
N	6510			3098		

Table 2—Supplement: OLS Regressions on Satisfaction with Different Domains of Life

Using t1 as Reference: Pooled Model

Using thas Reference. I obled Wiodel								
	Life	Family	Contacts					
Age 65-79	0.64***	0.41***	0.87***					
	[0.46, 0.82]	[0.21, 0.62]	[0.68, 1.07]					
t0	0.76***	0.54***	1.34***					
	[0.71, 0.81]	[0.48, 0.60]	[1.26, 1.41]					
t2	0.04	-0.04	-0.18***					
	[-0.00, 0.09]	[-0.10, 0.02]	[-0.24, -0.11]					
t3	0.28^{***}	0.18^{***}	0.27***					
	[0.23, 0.33]	[0.12, 0.24]	[0.20, 0.34]					
t0 * Age 65-79	-0.32***	-0.04	-0.60***					
	[-0.43,-0.21]	[-0.18,0.10]	[-0.76,-0.44]					
t2 * Age 65-79	-0.13	-0.13	-0.10					
12 11gc 03 17								
10 * A 65 70	[-0.30,0.03]	[-0.33,0.06]	[-0.28,0.08]					
t3 * Age 65-79	-0.07	0.06	-0.11					
	[-0.23, 0.09]	[-0.13, 0.25]	[-0.29, 0.08]					
Women	-0.10**	-0.07	0.11^{*}					
	[-0.18, -0.03]	[-0.16, 0.02]	[0.02, 0.20]					
Partnered	0.19^{***}	0.51***	-0.28***					
	[0.10, 0.27]	[0.41, 0.61]	[-0.37, -0.19]					
University degree	0.02	-0.03	-0.11*					
	[-0.07, 0.10]	[-0.13,0.07]	[-0.20,-0.01]					
Working	0.08	0.00	0.08					
g	[-0.06,0.21]	[-0.14,0.14]	[-0.05,0.22]					
Health	-0.38***	-0.34***	-0.18***					
	[-0.43,-0.33]	[-0.39,-0.29]	[-0.23,-0.13]					
Town size >50,000	-0.10*	-0.08	-0.08					
,	[-0.18,-0.02]		[-0.17,0.01]					
Constant	5.86***	[-0.17,0.01] 5.65***	5.10***					
Constant	5.80 [5.61,6.11]	[5.38,5.92]	[4.84,5.36]					
N(persons)	3039	3036	3039					
· · ·	3039 11697	11530	3039 11704					
N(observations)								
R2	0.13	0.10	0.15					

Note: Coefficients stem from OLS regressions with clustered, robust standard errors; confidence intervals provided in parentheses. T

p < 0.05, p < 0.01, p < 0.01, p < 0.001

Table 3—Supplement: OLS Regressions on Satisfaction with Different Domains of Life

Using t0 as Reference: Pooled Model

	Life	Family	Contacts
Age 65-79	0.32***	0.37***	0.27***
	[0.17, 0.47]	[0.20, 0.54]	[0.12, 0.43]
t1	-0.76***	-0.54***	-1.34***
	[-0.81,-0.71]	[-0.60, -0.48]	[-1.41,-1.26]
t2	-0.71***	-0.58***	-1.51***
	[-0.76, -0.66]	[-0.64, -0.52]	[-1.58,-1.44]
t3	-0.48***	-0.36***	-1.06***
	[-0.52, -0.43]	[-0.41, -0.30]	[-1.13,-1.00]
t1 * Age 65-79	0.32***	0.04	0.60^{***}
	[0.21, 0.43]	[-0.10, 0.18]	[0.44, 0.76]
t2 * Age 65-79	0.19^{*}	-0.09	0.50***
	[0.02, 0.35]	[-0.28,0.09]	[0.31,0.69]
t3 * Age 65-79	0.25**	0.10	0.49***
	[0.10, 0.40]	[-0.06,0.26]	[0.33,0.66]
N (persons)	3039	3036	3039
N (observations)	11697	11530	11704
R2	0.13	0.10	0.15

Note: Coefficients stem from OLS regressions with clustered, robust standard errors; confidence intervals provided in parentheses. The models additionally include gender, partnership status, employment status, health and size of place of residence.

^{*} p < 0.05, *** p < 0.01, *** p < 0.001

Table 4—Supplement: Comparison of Coefficients Across Measurement Occasions and Life Domain by Age Groups

	40 to 64 yrs.		65 to 79 yrs.	
	χ2	p-value	χ2	p-value
t0 vs. t1				
Life vs. family satisfaction	62.67	0.00	0.79	0.37
Life vs. contact quality satisfaction	338.06	0.00	20.47	0.00
Family vs. contact quality satisfaction	442.68	0.00	9.80	0.00
t1 vs. t2				
Life vs. family satisfaction	7.63	0.01	1.09	0.30
Life vs. contact quality satisfaction	40.10	0.00	4.87	0.03
Family vs. contact quality satisfaction	11.96	0.00	1.26	0.26
t1 vs. t3				
Life vs. family satisfaction	11.69	0.00	0.15	0.70
Life vs. contact quality satisfaction	0.00	0.96	0.23	0.63
Family vs. contact quality satisfaction	6.36	0.01	0.63	0.43

Note: Stata's suest command was used to compare regression coefficients across life domains and time points (taken from Table 2).

Table 5—Supplement: FIML Estimation on Satisfaction with Different Areas of Life (Before and During the Corona Pandemic) by Age Group

	Life		Family		Contacts	
	40-64	65-79	40-64	65-79	40-64	65-79
				ata ata ata		and the second
t0	0.77^{***}	0.42***	0.56***	0.62***	1.38***	0.74^{***}
	[0.74, 0.81]	[0.34, 0.50]	[0.52, 0.60]	[0.51, 0.72]	[1.33, 1.43]	[0.63, 0.85]
t2	0.08^{***}	-0.10	-0.01	-0.09	-0.11***	-0.27***
	[0.03, 0.12]	[-0.23, 0.03]	[-0.06, 0.04]	[-0.25, 0.07]	[-0.16, -0.05]	[-0.41, -0.12]
t3	0.32^{***}	0.21***	0.20^{***}	0.35***	0.34***	0.14^*
	[0.27, 0.37]	[0.09, 0.33]	[0.15, 0.26]	[0.20, 0.50]	[0.28, 0.40]	[0.00, 0.28]
Women	-0.06	-0.04	-0.05	-0.14	0.15^{***}	0.10
	[-0.12, 0.00]	[-0.19, 0.12]	[-0.11, 0.02]	[-0.32,0.03]	[0.08, 0.21]	[-0.07, 0.27]
Partnered	0.21***	0.14	0.50^{***}	0.51***	-0.25***	-0.23*
	[0.14, 0.27]	[-0.04, 0.31]	[0.43, 0.58]	[0.30, 0.72]	[-0.32, -0.18]	[-0.43, -0.04]
University degree	-0.02	-0.05	-0.02	-0.03	-0.13***	-0.08
	[-0.08, 0.05]	[-0.22, 0.13]	[-0.10, 0.05]	[-0.23, 0.17]	[-0.20, -0.06]	[-0.27, 0.12]
Working	0.16^{*}	-0.05	0.03	-0.12	0.12	0.01
	[0.03, 0.29]	[-0.21, 0.12]	[-0.11, 0.17]	[-0.32, 0.08]	[-0.01, 0.25]	[-0.17, 0.18]
Health	-0.40***	-0.29***	-0.34***	-0.25***	-0.18***	-0.17**
	[-0.44, -0.35]	[-0.39, -0.19]	[-0.39, -0.30]	[-0.36,-0.13]	[-0.22, -0.14]	[-0.28, -0.06]
Town size >50,000	-0.10**	-0.04	-0.09*	-0.01	-0.07*	0.03
	[-0.16,-0.04]	[-0.20, 0.11]	[-0.15, -0.02]	[-0.19, 0.17]	[-0.14, -0.01]	[-0.15, 0.20]
Constant	5.74***	6.24***	5.61***	5.67***	4.94***	5.72***
	[5.53,5.95]	[5.80,6.69]	[5.39,5.83]	[5.16,6.19]	[4.73,5.15]	[5.21,6.23]
N (persons)	5803	727	5803	727	5803	727
N (observations)	17639	2342	17639	2342	17639	2342