

Social Contacts, Unemployment, and Experienced
Well-being: Evidence from Time-Use Data

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Supplementary Material

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Table A1: Pre- and post-Entropy-Balancing first moments and second moments of the employed and the unemployed, differentiated by partnership status

		Married/Cohabiting		Single		
		Mean	Variance	Mean	Variance	
Unemployed	Before Entropy Balancing	Age	40.95	170.61	35.23	174.06
		Number of Household Members	3.33	1.76	2.18	1.61
		Number of Children Household	0.92	1.50	0.34	0.47
		Female (Proportion)	51.57%	0.25	38.21%	0.24
		Higher Education as Highest Qualification (Proportion)	39.77%	0.24	34.33%	0.23
		A-Level as Highest Qualification (Proportion)	28.32%	0.20	17.43%	0.15
Employed	Before Entropy Balancing	Age	44.04	131.69	36.91	216.61
		Number of Household Members	3.21	1.45	2.50	2.04
		Number of Children Household	0.74	0.96	0.25	0.36
		Female (Proportion)	46.38%	0.25	51.03%	0.25
		Higher Education as Highest Qualification (Proportion)	52.29%	0.25	49.96%	0.25
		A-Level as Highest Qualification (Proportion)	17.48%	0.14	24.15%	0.18
	After Entropy Balancing - Targeting First Moments	Age	40.96	123.79	35.23	181.29
		Number of Household Members	3.33	1.51	2.18	1.56
		Number of Children Household	0.92	1.13	0.34	0.49
		Female (Proportion)	51.55%	0.25	38.21%	0.24
		Higher Education as Highest Qualification (Proportion)	39.82%	0.24	34.33%	0.23
		A-Level as Highest Qualification (Proportion)	28.29%	0.20	17.43%	0.14
	After Entropy Balancing - Targeting First and Second Moments	Age	40.92	170.39	35.21	173.99
		Number of Household Members	3.33	1.75	2.18	1.61
		Number of Children Household	0.92	1.50	0.34	0.47
		Female (Proportion)	51.50%	0.25	38.24%	0.24
		Higher Education as Highest Qualification (Proportion)	39.82%	0.24	34.36%	0.23
		A-Level as Highest Qualification (Proportion)	28.33%	0.20	17.47%	0.14

Notes : Diary weights are used as base weights for the entropy balancing re-weighting scheme. In our analyses, we target first and second moments.

Table A2: Two-step and five-step decompositions with social contacts for the employed and the non-working, i.e. unemployed and economically inactive, subgroups

	Married/cohabitating	Average employed person	Single	
"Time-composition effect"	5.271 (0.024)		5.338 (0.037)	"Time-composition effect"
	-0.024 ** (0.012)	<i>Contact loss at work</i>	-0.072 *** (0.024)	
	5.247 (0.026)		5.266 (0.044)	
	0.287 *** (0.013)	<i>Activity-composition effect</i>	0.304 *** (0.035)	
	5.460 (0.023)		5.571 (0.036)	
	0.097 *** (0.006)	<i>Contact gain in non-work activities</i>	0.071 *** (0.008)	
	5.558 (0.022)		5.641 (0.035)	
"Saddening effect"	0.057 (0.039)		-0.060 *** (0.011)	"Saddening effect"
	-0.007 (0.005)	<i>Contact shift when not working</i>	-0.124 ** (0.056)	
	5.552 (0.023)		5.582 (0.035)	
	0.063 (0.039)	<i>Adjusted saddening effect</i>	-0.065 (0.056)	
	5.615 (0.032)	Average non-working person	5.517 (0.044)	

Notes: Standard errors from (clustered) bootstrapping with 1000 replications in parentheses. Significance level: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Figure A3: Time-use (minutes) by employment statuses, types of activities and social contacts

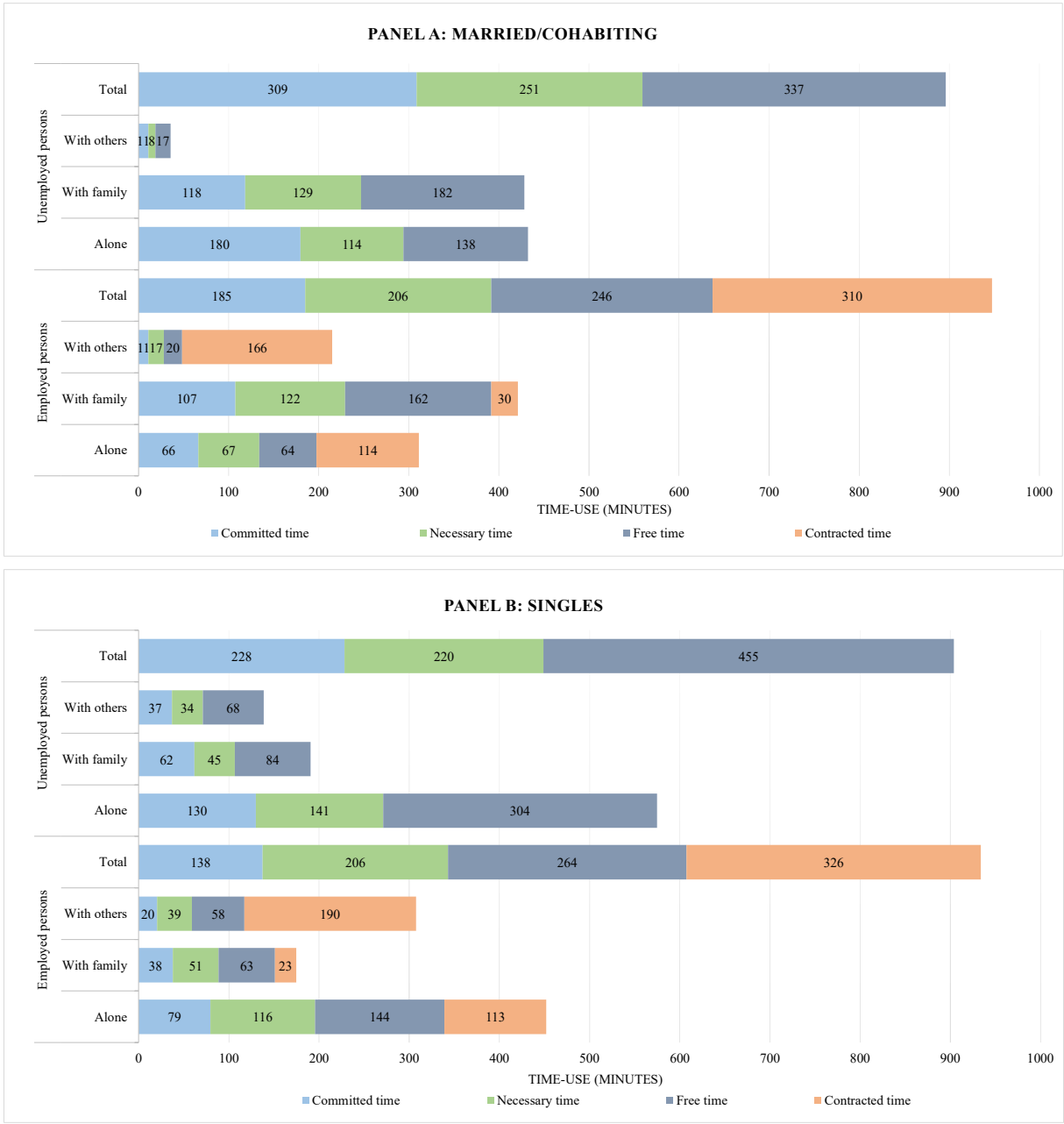


Figure A4: Self-reported enjoyment level by employment statuses, types of activities, and social contacts, differentiated by partnership statuses

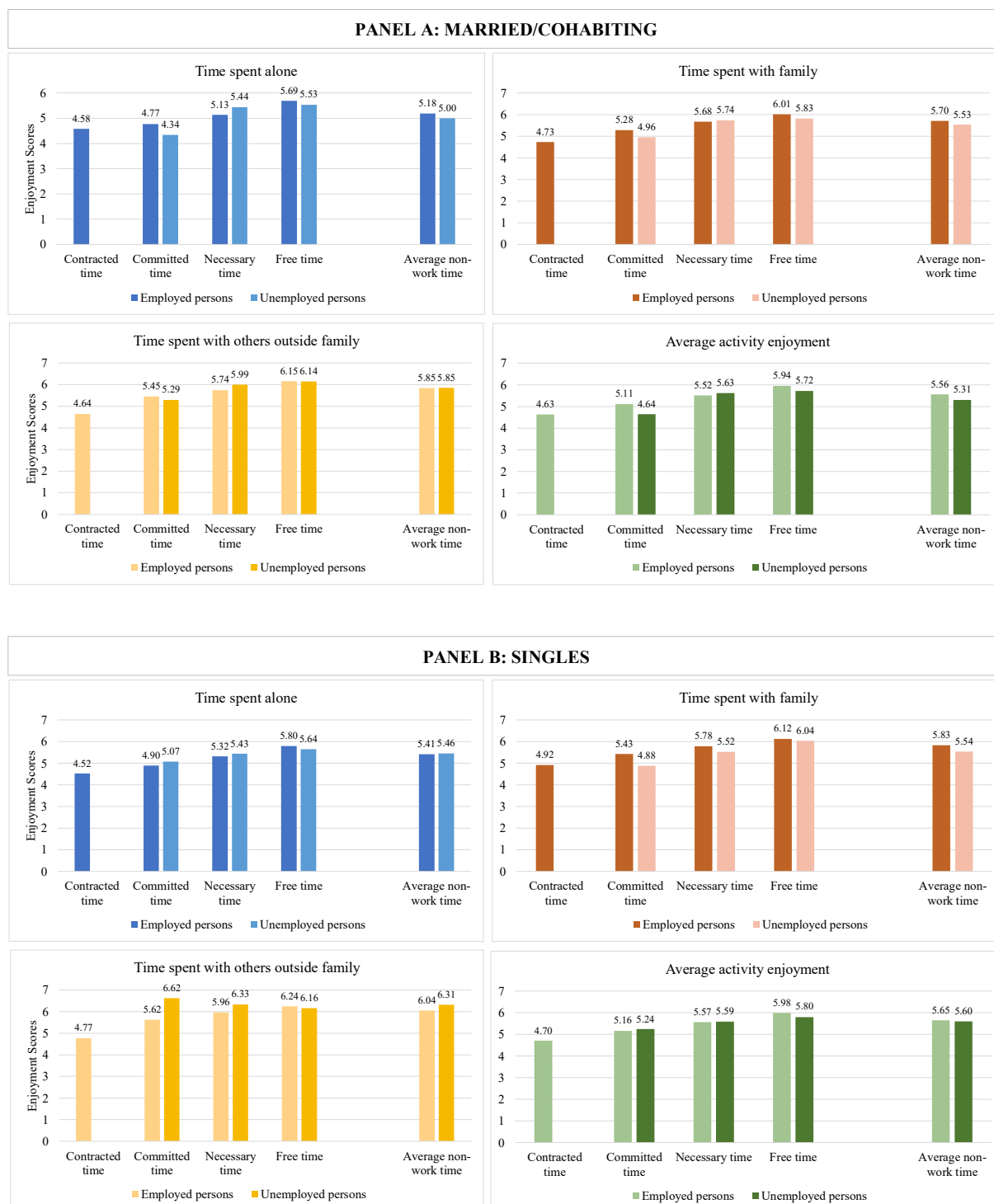


Table A5: Regression Results: Life Satisfaction at Individual Level

	Life Satisfaction					
	(1)	(2)	(3)	(4)	(5)	(6)
Unemployment	-1.344*** (0.239)	-1.193*** (0.230)	-0.936*** (0.248)	-1.142*** (0.242)	-1.074*** (0.232)	-0.818*** (0.249)
Day-average share of time spent with family				1.162*** (0.174)	0.664*** (0.208)	0.701*** (0.211)
Day-average share of time spent with others outside one's household				0.783*** (0.217)	0.739*** (0.215)	0.716*** (0.215)
Female		0.121* (0.070)	0.138* (0.070)		0.103 (0.070)	0.117* (0.070)
Age		-0.100*** (0.021)	-0.100*** (0.021)		-0.095*** (0.021)	-0.096*** (0.021)
Age ² × 10 ⁻³		1.096*** (0.238)	1.105*** (0.238)		1.070*** (0.240)	1.076*** (0.240)
Married/Cohabiting		0.751*** (0.113)	0.678*** (0.111)		0.647*** (0.125)	0.564*** (0.125)
Degree/Higher Education		-0.093 (0.084)	-0.201** (0.088)		-0.087 (0.083)	-0.195** (0.086)
Number of Adults in Household		-0.013 (0.059)	-0.011 (0.056)		-0.018 (0.059)	-0.017 (0.057)
Number of Children in Household		0.052 (0.043)	0.112** (0.045)		0.034 (0.045)	0.092* (0.047)
Log (Equivalised) HH Income			0.307*** (0.071)			0.311*** (0.071)
Constant	7.622*** (0.043)	9.167*** (0.431)	6.955*** (0.642)	6.989*** (0.119)	8.706*** (0.433)	6.460*** (0.644)
Observations	2627	2627	2627	2627	2627	2627
R ²	0.02	0.06	0.07	0.04	0.07	0.08

Notes: OLS Regressions. Standard errors in parentheses. Individual weights applied. Significance level: * p < 0.10, ** p < 0.05, *** p < 0.01.

Table A6: Regression Results: Day-Average Affective Well-being (Diary Level)

	Daily Enjoyment						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Unemployment	0.184*	0.255**	0.188*	-0.078	-0.033	-0.057	-0.182
	(0.097)	(0.110)	(0.099)	(0.114)	(0.115)	(0.113)	(0.115)
Weekend		0.340***		0.110***	0.099***	0.099***	0.104***
		(0.019)		(0.025)	(0.025)	(0.025)	(0.025)
Unemployment × Weekend		-0.242***		-0.012	-0.021	-0.024	-0.029
		(0.092)		(0.093)	(0.095)	(0.096)	(0.095)
Day-average share of time spent with family			0.459***		0.219***	0.292***	0.287***
			(0.063)		(0.065)	(0.071)	(0.070)
Day-average share of time spent with others outside one's household			-0.107		0.252***	0.257***	0.265***
			(0.081)		(0.083)	(0.082)	(0.082)
Working Episode Dummy				-0.018	0.002	-0.004	-0.014
				(0.058)	(0.059)	(0.056)	(0.055)
Working Time				-0.049***	-0.052***	-0.048***	-0.047***
				(0.007)	(0.008)	(0.007)	(0.007)
Female						0.049*	0.045
						(0.027)	(0.027)
Age						-0.018**	-0.017**
						(0.008)	(0.008)
Age ² × 10 ⁻³						0.237**	0.229**
						(0.092)	(0.091)
Married/Cohabiting						-0.098**	-0.063
						(0.048)	(0.049)
Degree/Higher Education						-0.137***	-0.083**
						(0.036)	(0.036)
Number of Adults in Household						0.009	0.008
						(0.024)	(0.023)
Number of Children in Household						0.002	-0.028
						(0.024)	(0.025)
Log (Equivalised) HH Income							-0.162***
							(0.036)
Constant	5.292***	5.194***	5.143***	5.528***	5.385***	5.738***	6.893***
	(0.021)	(0.024)	(0.042)	(0.033)	(0.049)	(0.191)	(0.333)
Observations (Diaries)	6348	6348	6348	6348	6348	6348	6348
R ²	0.00	0.03	0.03	0.07	0.08	0.09	0.10

Notes: OLS Regressions. Standard errors in parentheses. Diary weights applied. Significance level: * p<0.10, ** p<0.05, *** p<0.01.