

Data Appendix

Partnership Transitions among Turkish Immigrants and their Descendants in Western Germany

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* This Data Appendix contains additional information regarding the article:
<http://www.comparativepopulationstudies.de/index.php/CPoS/article/view/447/359>.



Sample Compositions for the Event History Analyses

Table A.1. Sample Composition for the Analysis of First Union Formation, Marriage and Cohabitation; Percent Distribution of Person-Months and Events

First Union	Person-months		Both Union Types		Marriage		Cohabitation	
	N	%	events	%	events	%	events	%
Migration Status								
Native	721656	94	4186	92	280	55	3906	97
1st generation	21337	3	198	4	144	28	54	1
2nd Generation	27795	4	154	3	87	17	67	2
Sex								
Male	421079	55	2032	45	208	41	1824	45
Female	349709	45	2506	55	303	59	2203	55
Birth Cohort								
1991-1993	170245	22	716	16	23	5	693	17
1981-1983	268742	35	1609	35	143	28	1466	36
1971-1973	331801	43	2213	49	345	68	1868	46
Education of Respondent								
Primary or No Education	50824	7	332	7	98	19	225	6
Lower Secondary	435500	56	2128	47	255	50	1873	47
Upper Secondary	202019	26	1210	27	81	16	1129	28
Tertiary	81729	11	875	19	77	15	798	20
Missing	716	0.1	2	0.0	0	0	2	0.0
Pregnancy								
Not Pregnant	767495	100	4346	96	459	90	3887	97
Pregnant	3293	0.4	192	4	52	10	140	3
Parity								
No Children	753580	98	4296	95	475	93	3821	95
1+	17208	2	242	5	36	7	206	5
Total	770788	100	4538	100	511	100	4027	100
Risk Population			7512		7512		7512	

Source: Authors' calculations based on pairfam data.

Table A.2. Sample Composition for the Analysis of Transition to Marriage after Cohabitation; Percent Distribution of Person-Months and Events

First Cohabitation End	Person-months		Marriage events	
	N	%		%
Migration Status				
Native	150928	98	1841	96
1st generation	1420	1	40	2
2nd Generation	1909	1	37	2
Sex				
Male	67957	44	842	44
Female	86300	56	1076	56
Birth Cohort				
1991-1993	15903	10	53	3
1981-1983	56479	37	626	33
1971-1973	81875	53	1239	65
Education of Respondent				
Primary or No Education	7990	5	99	5
Lower Secondary	69189	45	937	49
Upper Secondary	38407	25	370	19
Tertiary	38646	25	512	27
Missing	25	0	0	0
Pregnancy				
Not Pregnant	148592	96	1541	80
Pregnant	5665	4	377	20
Parity				
No Children	128194	83	1474	77
1+	26063	17	444	23
Age at First Cohabitation				
13-18	21865	14	154	8
19-22	57958	38	652	34
23-26	44093	29	624	33
27-30	20543	13	327	17
31+	9898	6	161	8
Total	154257	100	1918	100
Risk Population			3992	

Source: Authors' calculations based on pairfam data.

Table A.3. Sample Composition for the Analysis of Ever-Married Divorce; Percent Distribution of Person-Months and Events

Ever Married Dissolution	Person-months		Divorce events	
	N	%		%
Migration Status				
Native	249597	86	321	90
1st generation	27740	10	24	7
2nd Generation	14174	5	12	3
Sex				
Male	115756	40	130	36
Female	175755	60	227	64
Birth Cohort				
1991-1993	1427	0.5	6	2
1981-1983	55068	19	63	18
1971-1973	235016	81	288	81
Education of Respondent				
Primary or No Education	25672	9	41	11
Lower Secondary	150038	51	203	57
Upper Secondary	48277	17	57	16
Tertiary	67524	23	56	16
Missing	0	0	0	0
Pregnancy				
Not Pregnant	269911	93	338	95
Pregnant	21600	7	19	5
Parity				
No Children	64541	22	96	27
1+	226970	78	261	73
Age at Marriage				
15-18	32609	11	73	20
19-22	108881	37	141	39
23-26	94230	32	82	23
27-30	41234	14	46	13
31+	14546	5	15	4
Type of First Union				
Cohabitation	219159	75	265	74
Direct Marriage	72352	25	92	26
Total	291511	100	357	100
Risk Population			2425	

Source: Authors' calculations based on pairfam data.

Multivariate Results: Full Model Results Including Covariates

Table A.4. Relative Risk of First Union Formation

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	1.63	0.0	1.40	1.89	1.67	0.00	1.44	1.94
2 nd Generation	1.06	0.47	0.90	1.25	1.04	0.65	0.88	1.22
Male	1.00	.	.	.				
Female	1.64	0.00	1.55	1.74				
Birth Cohort								
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	0.90	0.02	0.82	0.98	0.91	0.04	0.83	1.00
1971-1973	0.87	0.00	0.79	0.95	0.89	0.01	0.81	0.98
Education								
No or primary	1.00	.	.	.				
Lower secondary	0.96	0.53	0.85	1.09				
Upper secondary	0.75	0.0	0.65	0.85				
Tertiary	0.97	0.63	0.84	1.11				
Pregnancy								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	6.18	0.00	5.32	7.17	6.03	0.00	5.28	7.02
Parity								
Childless	1.00	.	.	.	1.00	.	.	.
1+	1.07	0.34	0.93	1.23	1.27	0.00	1.11	1.46
Person-months	770788							
Risk population	7512							
Events	4536							
Log Likelihood	-35624.661				-27691.292			
LR chi2	802.19				415.15			
Prob> chi2	0.0000				0.0000			
Test of Proportional Hazard Assumption	0.0000				0.2110			

Source: Authors' calculations based on pairfam data.
Standard Cox: controlled for migration status, sex, cohort, education, pregnancy and parity
Stratified Cox: controlled for migration status, cohort, pregnancy, parity and stratified by sex and education

Table A.5. Relative Risk of the First Cohabitation

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	0.50	0.00	0.38	0.66	0.50	0.00	0.38	0.66
2 nd Generation	0.49	0.00	0.38	0.62	0.48	0.00	0.37	0.61
Male	1.00	.	.	.				
Female	1.61	0.00	1.51	1.71				
Birth Cohort								
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	0.84	0.00	0.77	0.92	0.86	0.01	0.78	0.94
1971-1973	0.77	0.00	0.70	0.84	0.79	0.00	0.72	0.87
Education								
No or primary	1.00	.	.	.				
Lower secondary	0.98	0.78	0.85	1.13				
Upper secondary	0.77	0.01	0.67	0.90				
Tertiary	0.99	0.87	0.84	1.15				
Pregnancy								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	5.37	0.00	4.44	6.28	5.17	0.00	4.27	6.14
Parity								
Childless	1.00	.	.	.	1.00	.	.	.
1+	1.14	0.09	0.98	1.32	1.33	0.00	1.15	1.55
Person-months	770788							
Risk population	7512							
Events	4027							
Log Likelihood	-31648.379				-24708.908			
LR chi2	622.50				333.78			
Prob> chi2	0.0000				0.0000			
Test of Proportional Hazards Assumption	0.0000				0.8139			

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, cohort, education, pregnancy and parity

Stratified Cox: controlled for migration status, cohort, pregnancy, parity and stratified by sex and education

Table A.6. Relative Risk of the Direct Marriage

Variable	Standard Cox Model				Extended Cox Model							
					Main Effect			Interaction				
	Beta	p-value	CI		Beta	p-value	CI	Beta	p-value	CI		
Native	1.00	.	.	.	1.00				1.00			
1 st Generation	13.74	0.00	10.91	17.31	44.73	0.00	26.60	75.24	0.99	0.00	0.98	0.99
2 nd Generation	10.95	0.00	8.53	14.06	28.22	0.00	15.71	50.70	0.99	0.00	0.98	1.00
Male	1.00	.	.	.	1.00				1.00			
Female	1.95	0.00	1.63	2.34	5.41	0.00	3.54	8.24	0.99	0.00	0.99	0.99
Birth Cohort												
1991-1993	1.00	.	.	.	1.00							
1981-1983	2.61	0.00	1.67	4.07	2.40	0.00	1.52	3.76				
1971-1973	4.43	0.00	2.85	6.87	4.23	0.00	2.71	6.62				
Education												
No or primary	1.00	.	.	.	1.00				1.00			
Lower secondary	0.93	0.83	0.72	1.20	0.48	0.07	0.28	0.82	1.01	0.00	1.00	1.01
Upper secondary	0.57	0.00	0.41	0.79	0.14	0.00	0.07	0.30	1.02	0.00	1.01	1.02
Tertiary	0.89	0.58	0.63	1.25	0.06	0.00	0.02	0.19	1.02	0.00	1.01	1.03
Pregnancy												
No pregnancy	1.00	.	.	.	1.00				1.00			
Pregnant	12.45	0.00	9.13	16.98	50.09	0.00	23.38	107.70	0.99	0.00	0.98	1.00
Parity												
Childless	1.00	.	.	.	1.00				1.00			
1+	0.74	0.30	0.51	1.08	0.24	0.01	0.08	0.72	1.01	0.00	1.00	1.02
Person-months	770072											
Risk population	7512											
Events	511											
Log Likelihood	-3562.7553				-							
LR chi2	1006.74				3496.8747							
Prob> chi2	0.0000				1138.51							
					0.0000							

Source: Authors' calculations based on pairfam data.

Standard Cox Model: controlled for migration status, sex, cohort, education, pregnancy and parity

Extended Model: controlled for migration status, sex, cohort, education, pregnancy, parity, migration status*t., sex*t., education*t., pregnancy*t and parity*t

Table A.7. Relative Risk of Marriage after Cohabitation

Variable	Standard Cox Model				Extended Cox Model								
				Main Effect			Interaction						
	Beta	p-value	CI		Beta	p-value	CI		Beta	p-value	CI		
Native	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
1 st Generation	1.82	0.00	1.31	2.54	4.67	0.00	2.82	7.72	0.96	0.00	0.94	0.98	
2 nd Generation	1.65	0.00	1.19	2.29	3.96	0.00	2.43	6.46	0.97	0.00	0.95	0.99	
Male	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
Female	1.08	0.10	0.99	1.19	1.20	0.01	1.04	1.38	1.00	0.04	0.99	1.00	
Age at first cohabitation													
15-18	0.62	0.00	0.52	0.74	0.53	0.00	0.40	0.70	1.00	0.18	1.00	1.01	
19-22	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
23-26	1.20	0.00	1.08	1.35	1.42	0.00	1.19	1.69	1.00	0.01	0.99	1.00	
27-30	1.19	0.02	1.03	1.37	1.71	0.00	1.37	2.12	0.99	0.00	0.99	0.99	
31+	1.13	0.19	0.94	1.35	1.65	0.00	1.25	2.19	0.99	0.00	0.98	0.99	
Birth Cohort													
1991-1993	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
1981-1983	2.49	0.00	1.88	3.31	2.36	0.00	1.78	3.14					
1971-1973	3.28	0.00	2.47	4.35	3.11	0.00	2.34	4.12					
Education													
No or primary	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
Lower secondary	1.19	0.12	0.96	1.48	1.08	0.62	0.79	1.49	1.00	0.68	0.99	1.01	
Upper secondary	1.00	0.97	0.79	1.26	0.86	0.38	0.61	1.21	1.00	0.36	1.00	1.01	
Tertiary	1.05	0.68	0.83	1.32	0.78	0.18	0.55	1.10	1.01	0.06	1.00	1.01	
Pregnancy													
No pregnancy	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
Pregnant	5.77	0.00	5.15	6.47	7.40	0.00	6.19	8.85	0.99	0.00	0.99	1.00	
Parity													
Childless	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.	
1+	1.25	0.00	1.11	1.40	1.68	0.00	1.41	2.00	0.99	0.00	0.99	1.00	
Person-months	154205												
Risk population	3990												
Events	1917												
Log Likelihood	-				-13407.311								
LR chi2	13468.121				1086.18								
Prob> chi2	964.56				0.0000								
	0.0000												

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, age at first cohabitation, cohort, education, pregnancy and parity

Extended Cox: controlled for migration status, sex, age at first cohabitation, cohort, education, pregnancy, parity, migration status*t, sex*t, age at first cohabitation*t, pregnancy*t and parity*t

Table A.8. Relative Risk of Ever Married Divorce

Variable	Standard Cox Model			
	Beta	p-value	CI	
Native	1.00	.	.	.
1 st Generation	0.34	0.00	0.21	0.56
2 nd Generation	0.36	0.00	0.19	0.67
Age at union formation				
<18	1.82	0.00	1.35	2,45
19-22	1	.	.	.
23-26	0.64	0.00	0.48	0,85
27-30	0.83	0.30	0.58	1,18
31+	0.77	0.35	0.44	1,33
Male	1	.	.	.
Female	0.94	0.59	0.75	1,18
Birth Cohort				
1991-1993	1	.	.	.
1981-1983	0.22	0.00	0.09	0,53
1971-1973	0.25	0.00	0.11	0,58
Education				
No or primary	1	.	.	.
Lower secondary	0.68	0.05	0.47	0,99
Upper secondary	0.64	0.05	0.41	1,00
Tertiary	0.47	0.00	0.30	0,74
Pregnancy				
No pregnancy	1	.	.	.
Pregnant	0.71	0.16	0.45	1,14
Parity				
Childless	1	.	.	.
1+	0.52	0.00	0.40	0,67
Type of the first union				
Cohabitation	1	.	.	.
Direct marriage	1.33	0.04	1.01	1,75
Person-months	291500			
Risk population	2425			
Events	357			
Log Likelihood		-2519.4596		
LR chi2		100.25		
Prob> chi2		0.0000		
Test of Proportional Hazards Assumption		0.1979		

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, age at first union, cohort, education, pregnancy, parity and type of first union

Robustness Check: Full Model Results with Restricted Samples

Table A.9. Relative Risk of First Union Formation: Robustness Check with Restricted Sample

Variable	Standard Cox Model		
	Beta	p-value	CI
Migrant status			
Native	1	.	.
1 st Generation	1.417	0	1.184 1.695
2 nd Generation	1.067	.436	.907 1.255
Sex			
Male	1	.	.
Female	1.633	0	1.538 1.734
Birth Cohort			
1991-1993	1	.	.
1981-1983	.884	.008	.806 .968
1971-1973	.869	.003	.793 .953
Education			
No or primary	1	.	.
Lower secondary	.976	.707	.86 1.108
Upper secondary	.755	0	.659 .864
Tertiary	.974	.719	.845 1.124
Pregnancy			
No pregnancy	1	.	.
Pregnant	6.377	0	5.492 7.404
Parity			
Childless	1	.	.
1+	1.09	.225	.949 1.252
Person-months	764510		
Risk population	7,452		
Events	4,471		
Log Likelihood		-35073.68	
LR chi2		774.33	
Prob> chi2		0.0000	

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, cohort, education, pregnancy and parity

Table A.10. Relative Risk of the First Cohabitation: Robustness Check with Restricted Sample

Variable	Standard Cox Model			
	Beta	p-value		CI
Migrant status				
Native	1	.	.	.
1 st Generation	.408	0	.291	.572
2 nd Generation	.488	0	.382	.622
Sex				
Male	1	.	.	.
Female	1.603	0	1.505	1.708
Birth Cohort				
1991-1993	1	.	.	.
1981-1983	.84	0	.765	.923
1971-1973	.765	0	.696	.841
Education				
No or primary	1	.	.	.
Lower secondary	.987	.856	.855	1.139
Upper secondary	.775	.001	.666	.901
Tertiary	.989	.892	.844	1.159
Pregnancy				
No pregnancy	1	.	.	.
Pregnant	5.357	0	4.507	6.368
Parity				
Childless	1	.	.	.
1+	1.132	.105	.974	1.314
Person-months	764510			
Risk population	7,445			
Events	4,004			
Log Likelihood		-31451.81		
LR chi2		628.27		
Prob> chi2		0.0000		
Source: Authors' calculations based on pairfam data.				
Standard Cox: controlled for migration status, sex, cohort, education, pregnancy and parity				

Table A.11. Relative Risk of the Direct Marriage: Robustness Check with Restricted Sample

Variable	Standard Cox Model			
	Beta	p-value		CI
Migrant status				
Native	1	.	.	.
1 st Generation	11.984	0	9.232	15.555
2 nd Generation	11.401	0	8.871	14.651
Sex				
Male	1	.	.	.
Female	1.935	0	1.604	2.333
Birth Cohort				
1991-1993	1	.	.	.
1981-1983	2.239	0	1.425	3.519
1971-1973	4.519	0	2.906	7.027
Education				
No or primary	1	.	.	.
Lower secondary	.943	.681	.714	1.246
Upper secondary	.579	.002	.408	.82
Tertiary	.866	.436	.602	1.245
Pregnancy				
No pregnancy	1	.	.	.
Pregnant	14.096	0	10.3	19.291
Parity				
Childless	1	.	.	.
1+	.839	.361	.577	1.222
Person-months	764510			
Risk population	7,455			
Events	467			
Log Likelihood		-3261.2945		
LR chi2		867.21		
Prob> chi2		0.0000		
Source: Authors' calculations based on pairfam data.				
Standard Cox: controlled for migration status, sex, cohort, education, pregnancy, and parity				

Table A.12. Relative Risk of Marriage after Cohabitation: Robustness Check with Restricted Sample

Variable	Standard Cox Model			
	Beta	p-value		CI
Migrant status				
Native	1	.	.	.
1 st Generation	1.809	.005	1.198	2.729
2 nd Generation	1.645	.003	1.183	2.289
Sex				
Male	1	.	.	.
Female	1.078	.115	.982	1.183
Age at first cohabitation				
15-18	.622	0	.52	.745
19-22	1	.	.	.
23-26	1.206	.001	1.077	1.351
27-30	1.198	.011	1.042	1.377
31+	1.125	.207	.937	1.35
Birth Cohort				
1991-1993	1	.	.	.
1981-1983	2.464	0	1.854	3.275
1971-1973	3.275	0	2.468	4.347
Education				
No or primary	1	.	.	.
Lower secondary	1.129	.278	.907	1.407
Upper secondary	.945	.64	.746	1.198
Tertiary	.999	.993	.791	1.261
Pregnancy				
No pregnancy	1	.	.	.
Pregnant	5.821	0	5.191	6.528
Parity				
Childless	1	.	.	.
1+	1.26	0	1.124	1.414
Person-months	153609			
Risk population	3,971			
Events	1,900			
Log Likelihood		-13333.912		
LR chi2		959.31		
Prob> chi2		0.0000		

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, age at first cohabitation, cohort, education, pregnancy and parity

Table A.13. Relative Risk of Ever Married Divorce: Robustness Check with Restricted Sample

Variable	Standard Cox Model			
	Beta	p-value		CI
Native	1	.		.
1 st Generation	.283	0	.168	.475
2 nd Generation	.343	.001	.184	.64
Age at union formation				
<18	1.82	0	1.351	2.454
19-22	1	.	.	.
23-26	.634	.002	.477	.841
27-30	.83	.301	.582	1.182
31+	.77	.357	.442	1.342
Sex				
Male	1	.	.	.
Female	.931	.54	.74	1.171
Birth Cohort				
1991-1993	1	.	.	.
1981-1983	.222	.001	.094	.523
1971-1973	.244	.001	.105	.566
Education				
No or primary	1	.	.	.
Lower secondary	.654	.025	.451	.948
Upper secondary	.605	.028	.387	.947
Tertiary	.45	.001	.285	.711
Pregnancy				
No pregnancy	1	.	.	.
Pregnant	.724	.176	.453	1.156
Parity				
Childless	1	.	.	.
1+	.524	0	.404	.681
Type of the first union				
Cohabitation	1	.	.	.
Direct marriage	1.372	.022	1.046	1.799
Person-months	291378			
Risk population	2,422			
Events	354			
Log Likelihood		-2494.5784		
LR chi2		104.24		
Prob> chi2		0.0000		

Source: Authors' calculations based on pairfam data.

Standard Cox: controlled for migration status, sex, age at first union, cohort, education, pregnancy, parity and type of first union

Multivariate Results by Sex: Full Model Results including Covariates

Table A.14. Relative Risk of First Union Formation, Men

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	1.78	0.00	1.44	2.20	1.83	0.00	1.47	2.27
2 nd Generation	1.08	0.57	0.84	1.38	1.08	0.55	0.84	1.39
Birth Cohort								
1991-1993	1.00	.	.	.				
1981-1983	0.79	0.02	0.69	0.92	0.80	0.02	0.69	0.92
1971-1973	0.73	0.00	0.63	0.84	0.74	0.00	0.64	0.86
Education								
No or primary	1.00	.	.	.				
Lower secondary	1.03	0.76	0.84	1.26				
Upper secondary	0.83	0.07	0.67	1.02				
Tertiary	1.09	0.45	0.88	1.35				
Pregnancy of partner								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	8.70	0.00	6.93	10.92	8.69	0.00	6.85	11.01
Parity								
Childless	1.00	.	.	.				
1+	1.77	0.00	1.43	2.20				

Source: Authors' calculations based on pairfam data.

Table A.15. Relative Risk of First Union Formation, Women

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	1.50	0.00	1.24	1.86	1.60	0.00	1.30	1.99
2 nd Generation	1.05	0.65	0.85	1.30	1.01	0.89	0.82	1.26
Birth Cohort								
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	0.97	0.68	0.87	1.10	0.97	0.66	0.86	1.10
1971-1973	0.97	0.56	0.86	1.09	0.98	0.72	0.87	1.10
Education								
No or primary	1.00	.	.	.				
Lower secondary	0.87	0.12	0.76	1.03				
Upper secondary	0.66	0.00	0.56	0.79				
Tertiary	0.85	0.11	0.72	1.03				
Pregnancy								
No pregnancy	1.00	.	.	.				
Pregnant	5.12	0.00	4.21	6.23				
Parity								
Childless	1.00	.	.	.	1.00	.	.	.
1+	0.93	0.43	0.78	1.11	1.09	0.33	0.91	1.31

Source: Authors' calculations based on pairfam data.

Table A.16. Relative Risk of the First Cohabitation, Men

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native 1 st Generation	1.00	.	.	.	1.00	.	.	.
2 nd Generation	0.57	0.00	0.39	0.82	0.58	0.05	0.40	0.85
Birth Cohort	0.54	0.00	0.38	0.77	0.55	0.01	0.38	0.77
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	0.76	0.00	0.66	0.88	0.76	0.00	0.66	0.88
1971-1973	0.64	0.00	0.55	0.74	0.66	0.00	0.56	0.76
Education No or primary	1.00	.	.	.				
Lower secondary	1.06	0.64	0.84	1.33				
Upper secondary	0.85	0.20	0.67	1.08				
Tertiary	1.08	0.56	0.84	1.38				
Pregnancy of partner								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	7.92	0.00	6.14	10.23	7.84	0.00	6.00	10.20
Parity								
Childless	1.00	.	.	.				
1+	1.98	0.00	1.57	2.49				

Source: Authors' calculations based on pairfam data.

Table A.17. Relative Risk of the First Cohabitation, Women

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	0.43	0.00	0.29	0.64	0.43	0.00	0.29	0.65
2 nd Generation	0.44	0.00	0.31	0.62	0.42	0.00	0.30	0.59
Birth Cohort								
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	0.91	0.13	0.80	1.03	0.93	0.22	0.82	1.05
1971-1973	0.85	0.01	0.76	0.96	0.88	0.04	0.78	1.00
Education								
No or primary	1.00	.	.	.				
Lower secondary	0.89	0.27	0.74	1.06				
Upper secondary	0.69	0.00	0.57	0.83				
Tertiary	0.90	0.30	0.73	1.10				
Pregnancy								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	4.17	0.00	3.38	5.25	3.99	0.00	3.24	5.05
Parity								
Childless	1.00	.	.	.	1.00	.	.	.
1+	0.96	0.72	0.80	1.17	1.04	0.69	0.86	1.27

Source: Authors' calculations based on pairfam data.

Table A.18. Relative Risk of the Direct Marriage, Men

Variable	Standard Cox Model				Stratified Cox Model			
	Beta	p-value	CI		Beta	p-value	CI	
Native	1.00	.	.	.	1.00	.	.	.
1 st Generation	18.34	0.00	13.03	25.80	18.15	0.00	12.83	25.69
2 nd Generation	14.85	0.00	9.84	22.60	13.93	0.00	9.11	21.29
Birth Cohort								
1991-1993	1.00	.	.	.	1.00	.	.	.
1981-1983	2.66	0.03	1.13	6.26	2.58	0.03	1.09	6.10
1971-1973	5.35	0.00	2.28	12.52	5.28	0.00	2.25	12.40
Education								
No or primary	1.00	.	.	.				
Lower secondary	0.95	0.82	0.64	1.43				
Upper secondary	0.63	0.08	0.38	1.06				
Tertiary	1.39	0.19	0.86	2.27				
Pregnancy of partner								
No pregnancy	1.00	.	.	.	1.00	.	.	.
Pregnant	14.56	0.00	8.66	24.48	15.82	0.00	9.27	26,99
Parity								
Childless	1.00	.	.	.	1.00	.	.	.
1+	0.95	0.87	0.50	1.78	1.03	0.92	0.53	2.00

Source: Authors' calculations based on pairfam data.

Table A.19. Relative Risk of the Direct Marriage, Women

Variable	Standard Cox Model				Extended Cox Model							
					Main Effect			Interaction				
	Beta	p-value	CI		Beta	p-value	CI	Beta	p-value	CI		
Native	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
1 st Generation	11.21	0.00	8.19	15.33	73.37	0.00	35.41	152.00	0.98	0.00	0.97	0.99
2 nd Generation	9.58	0.00	6.98	13.15	45.38	0.00	21.42	96.14	0.98	0.00	0.98	0.99
Birth Cohort												
1991-1993	1.00	.	.	.	1.00	.	.	.				
1981-1983	2.63	0.00	1.55	4.44	2.37	0.00	1.39	4.03				
1971-1973	3.96	0.00	2.36	6.64	3.82	0.00	2.25	6.46				
Education												
No or primary	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
Lower secondary	0.83	0.26	0.60	1.15	0.33	0.00	0.18	0.66	1.01	0.00	1.01	1.02
Upper secondary	0.49	0.00	0.32	0.74	0.12	0.00	0.05	0.31	1.02	0.00	1.01	1.03
Tertiary	0.53	0.01	0.32	0.86	0.03	0.00	0.01	0.18	1.03	0.00	1.01	1.04
Pregnancy												
No pregnancy	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
Pregnant	11.73	0.00	7.93	17.35	80.35	0.00	33.21	194.38	0.98	0.00	0.97	0.99
Parity												
Childless	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
1+	0.79	0.31	0.50	1.25	0.15	0.01	0.03	0.63	1.01	0.00	1.00	1.03

Source: Authors' calculations based on pairfam data.

Table A.20. Relative Risk of Marriage after Cohabitation, Men

Variable	Standard Cox Model				Extended Cox Model							
					Main Effect			Interaction				
	Beta	p-value	CI		Beta	p-value	CI	Beta	p-value	CI		
Native	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
1 st Generation	1.47	0.11	0.92	2.37	6.48	0.00	3.13	13.38	0.95	0.00	0.92	0.98
2 nd Generation	1.76	0.02	1.11	2.80	6.48	0.00	3.31	12.71	0.96	0.00	0.93	0.98
Age at first cohabitation												
15-18	0.57	0.01	0.39	0.84	0.56	0.00	0.38	0.83				
19-22	1.00	.	.	.	1.00	.	.	.				
23-26	1.35	0.00	1.12	1.61	1.33	0.00	1.11	1.60				
27-30	1.40	0.00	1.14	1.71	1.38	0.00	1.13	1.70				
31+	1.34	0.02	1.05	1.71	1.36	0.01	1.06	1.73				
Birth Cohort												
1991-1993	1.00	.	.	.	1.00	.	.	.				
1981-1983	2.66	0.00	1.62	4.36	2.67	0.00	1.62	4.38				
1971-1973	3.51	0.00	2.14	5.77	3.55	0.00	2.16	5.84				
Education												
No or primary	1.00	.	.	.	1.00	.	.	.				
Lower secondary	1.09	0.66	0.75	1.58	1.15	0.46	0.79	1.68				
Upper secondary	0.91	0.63	0.61	1.35	0.98	0.91	0.66	1.45				
Tertiary	0.97	0.86	0.66	1.42	1.04	0.88	0.70	1.52				
Pregnancy of partner												
No pregnancy	1.00	.	.	.	1.00	.	.	.				
Pregnant	5.73	0.00	4.81	6.83	5.75	0.00	4.82	6.85				
Parity												
Childless	1.00	.	.	.	1.00	.	.	.				
1+	1.37	0.00	1.15	1.62	1.41	0.00	1.20	1.68				

Source: Authors' calculations based on pairfam data.

Table A.21. Relative Risk of Marriage after Cohabitation, Women

Variable	Standard Cox Model				Extended Cox Model							
					Main Effect			Interaction				
	Beta	p-value	CI		Beta	p-value	CI	Beta	p-value	CI		
Native	1.00	.	.	.	1.00	.	.	.	.	.	.	.
1 st Generation	2.19	0.00	1.36	3.53	2.06	0.00	1.28	3.31	.	.	.	.
2 nd Generation	1.56	0.07	0.96	2.54	1.49	0.11	0.92	2.42	.	.	.	.
Age at first cohabitation												
15-18	0.63	0.00	0.51	0.77	0.57	0.00	0.42	0.77	1.00	0.53	1.00	1.01
19-22	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
23-26	1.13	0.09	0.98	1.31	1.37	0.00	1.10	1.71	1.00	0.02	0.99	1.00
27-30	1.05	0.62	0.86	1.29	1.43	0.02	1.06	1.94	0.99	0.01	0.99	1.00
31+	0.94	0.70	0.70	1.27	1.15	0.56	0.73	1.79	0.99	0.21	0.98	1.01
Birth Cohort												
1991-1993	1.00	.	.	.	1.00	.	.	.	.	.	.	.
1981-1983	2.41	0.00	1.70	3.42	2.26	0.00	1.60	3.21	.	.	.	.
1971-1973	3.11	0.00	2.20	4.40	2.93	0.00	2.07	4.14	.	.	.	.
Education												
No or primary	1.00	.	.	.	1.00	.	.	.	.	.	.	.
Lower secondary	1.27	0.09	0.96	1.67	1.24	0.13	0.94	1.63	.	.	.	.
Upper secondary	1.06	0.71	0.78	1.44	1.05	0.77	0.77	1.41	.	.	.	.
Tertiary	1.12	0.48	0.83	1.51	1.10	0.52	0.82	1.49	.	.	.	.
Pregnancy												
No pregnancy	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
Pregnant	5.81	0.00	5.01	6.79	8.26	0.00	6.52	10.45	0.99	0.00	0.99	1.00
Parity												
Childless	1.00	.	.	.	1.00	.	.	.	1.00	.	.	.
1+	1.19	0.03	1.03	1.01	1.66	0.00	1.32	2.09	0.99	0.00	0.99	1.00

Source: Authors' calculations based on pairfam data.

Table A.22. Relative Risk of Ever Married Divorce, Men

Standard Cox Model				
Variable	Beta	p-value	CI	
Native	1.00	.	.	.
1 st Generation	0.18	0.00	0.07	0.43
2 nd Generation	0.11	0.00	0.02	0.46
Age at union formation				
<18	2.27	0.01	1.23	4.18
19-22	1.00	.	.	.
23-26	0.52	0.01	0.33	0.83
27-30	0.65	0.11	0.38	1.11
31+	0.68	0.29	0.33	1.39
Birth Cohort				
1991-1993	1.00	.	.	.
1981-1983	0.09	0.00	0.03	0.33
1971-1973	0.10	0.00	0.03	0.35
Education				
No or primary	1.00	.	.	.
Lower secondary	0.44	0.02	0.22	0.87
Upper secondary	0.40	0.02	0.18	0.88
Tertiary	0.33	0.00	0.15	0.71
Pregnancy of partner				
No pregnancy	1.00	.	.	.
Pregnant	0.81	0.56	0.39	1.67
Parity				
Childless	1.00	.	.	.
1+	0.45	0.00	0.31	0.68
Type of the first union				
Cohabitation	1.00	.	.	.
Direct marriage	1.45	0.11	0.92	2.27

Source: Authors' calculations based on pairfam data.

Table A.23. Relative Risk of Ever Married Divorce, Women

Standard Cox Model				
Variable	Beta	p-value	CI	
Native	1.00	.	.	.
1 st Generation	0.46	0.01	0.25	0.84
2 nd Generation	0.58	0.12	0.29	1.16
Age at union formation				
<18	1.82	0.00	1.29	2.56
19-22	1.00	.	.	.
23-26	0.73	0.09	0.51	1.05
27-30	1.02	0.95	0.63	1.64
31+	0.81	0.66	0.33	2.03
Birth Cohort				
1991-1993	1.00	.	.	.
1981-1983	0.31	0.05	0.09	1.02
1971-1973	0.36	0.09	0.11	1.16
Education				
No or primary	1.00	.	.	.
Lower secondary	0.79	0.30	0.50	1.24
Upper secondary	0.78	0.37	0.45	1.35
Tertiary	0.51	0.02	0.28	0.92
Pregnancy				
No pregnancy	1.00	.	.	.
Pregnant	0.68	0.21	0.37	1.25
Parity				
Childless	1.00	.	.	.
1+	0.59	0.00	0.41	0.83
Type of the first union				
Cohabitation	1.00	.	.	.
Direct marriage	1.26	0.19	0.89	1.77

Source: Authors' calculations based on pairfam data.

Median Age at First Union

Table A.24. Median Age at First Union, pairfam first 10 waves (2008-2018), analysis period: 1985-2018

Both sexes	
1st generation Turkish Immigrants	
Before migration	21.00
After migration	21.33
Total	21.66

Source: Authors' calculations based on pairfam data.

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