

Online Supplementary Materials

de Bel et al. (2025) Adult Children's Timing of Entry into
Parenthood: Parental Investment, Education, and Gender. *Human Nature*

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Online Supplementary Material A

Testing the proportional hazard assumption

Model 3 (presented in Table 2)

```
. stcox c.contactm_lag##b2.isced_rec c.contactf_lag##b2.isced_rec sex rela german_native_nomigration
parents_evernottogether siblings demodiff b2.cohort, nolog
```

```
Failure _d: have_kids==1
Analysis time _t: (time-origin)/365
Origin: time birthdate_respondent
Enter on or after: time first_obs
Exit on or before: time .
ID variable: id
```

Cox regression with Breslow method for ties

```
No. of subjects =      4,111                      Number of obs = 16,543
No. of failures =      894
Time at risk    = 25,328.8658

LR chi2(20)      = 828.82
Log likelihood = -5658.6964      Prob > chi2      = 0.0000
```

	_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]
-----+-----						
contactm_lag		1.122407	.0533531	2.43	0.015	1.02256 1.232003
isced_rec						
1		1.294118	1.061231	0.31	0.753	.2593895 6.456468
3		3.338325	1.21745	3.31	0.001	1.633446 6.82264
4		.8994174	1.081217	-0.09	0.930	.0852524 9.488908
isced_rec#c.contactm_lag						
1		1.214674	.173502	1.36	0.173	.9180692 1.607103
3		.7221502	.0552126	-4.26	0.000	.6216532 .8388935
4		1.206327	.2547673	0.89	0.374	.7974396 1.824873
contactf_lag		1.076856	.0397464	2.01	0.045	1.001705 1.157644

iscd_rec#c.contactf_lag							
1		.8453382	.0742684	-1.91	0.056	.7116181	1.004186
3		1.115098	.070933	1.71	0.087	.9843896	1.263163
4		.7099977	.0886416	-2.74	0.006	.5558868	.9068335
sex		1.166055	.0800207	2.24	0.025	1.019308	1.33393
rela		15.90798	2.496792	17.63	0.000	11.69546	21.6378
german_native_nomigration		.9719589	.091453	-0.30	0.762	.8082714	1.168796
parents_evernottogether		1.08557	.0890394	1.00	0.317	.9243608	1.274894
siblings		1.322864	.1517567	2.44	0.015	1.056494	1.656394
demodiff		1.18995	.124619	1.66	0.097	.9691381	1.461073
cohort							
1 1991-1993		1.092675	.1345588	0.72	0.472	.8583584	1.390955
3 1971-1973		.5892256	.1077765	-2.89	0.004	.4117053	.8432896
4 2001-2003		9.05678	9.621011	2.07	0.038	1.129128	72.64481

. estat phtest, detail

Test of proportional-hazards assumption

Time function: Analysis time

		rho	chi2	df	Prob>chi2
-----+-----					
contactm_lag		-0.03249	1.00	1	0.3165
1.iscd_rec		-0.00883	0.08	1	0.7818
2b.iscd_rec		.	.	1	.
3.iscd_rec		0.02874	0.74	1	0.3893
4.iscd_rec		0.04506	1.29	1	0.2559
1.iscd_re~g		0.01271	0.15	1	0.6981
2b.iscd_r~g		.	.	1	.
3.iscd_re~g		0.05071	2.55	1	0.1102
4.iscd_re~g		-0.03005	0.57	1	0.4520
contactf_lag		0.05610	2.98	1	0.0841
1.iscd_re~g		-0.06835	4.01	1	0.0452
2b.iscd_r~g		.	.	1	.

3.isced_re~g	-0.04654	2.15	1	0.1428
4.isced_re~g	-0.00896	0.06	1	0.8005
sex	-0.15908	22.29	1	0.0000
rela	0.10950	10.63	1	0.0011
german_nat~n	0.08527	6.58	1	0.0103
parents_ev~r	-0.01912	0.32	1	0.5715
siblings	-0.01983	0.35	1	0.5526
demodiff	-0.05450	2.66	1	0.1026
1.cohort	-0.03191	0.86	1	0.3536
2b.cohort	.	.	1	.
3.cohort	0.00754	0.05	1	0.8247
4.cohort	-0.00135	0.00	1	0.9682

```
-----+-----
Global test |          145.53      20      0.0000
-----+-----
```

Model 4 (presented in Table 4)

```
. stcox c.contactm_lag##b2.isced_rec##sex c.contactf_lag##b2.isced_rec##sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort, nolog
```

```
Failure _d: have_kids==1
Analysis time _t: (time-origin)/365
Origin: time birthdate_respondent
Enter on or after: time first_obs
Exit on or before: time .
ID variable: id
```

Cox regression with Breslow method for ties

```
No. of subjects =      4,111                Number of obs = 16,543
No. of failures =      894
Time at risk    = 25,328.8658

LR chi2(31)      = 848.65
Log likelihood = -5648.7789                Prob > chi2      = 0.0000
```

```
-----+-----
          _t | Haz. ratio   Std. err.      z    P>|z|    [95% conf. interval]
-----+-----
contactm_lag |      1.004   .0695273     0.06   0.954    .8765724    1.149952
```

isced_rec							
1		.5439166	.5777562	-0.57	0.566	.0678225	4.362054
3		1.809282	.8884947	1.21	0.227	.6910376	4.737081
4		.3150791	.5598598	-0.65	0.516	.0096812	10.25435
isced_rec#c.contactm_lag							
1		1.210179	.2481626	0.93	0.352	.8096547	1.808836
3		.7906749	.0874762	-2.12	0.034	.6365396	.9821333
4		1.19491	.4281674	0.50	0.619	.5920082	2.411809
1.sex		.3646602	.1874248	-1.96	0.050	.1331666	.9985767
sex#c.contactm_lag							
1		1.220348	.1184582	2.05	0.040	1.008924	1.476077
isced_rec#sex							
1 1		9.260442	15.75931	1.31	0.191	.3296604	260.1337
3 1		3.045919	2.257926	1.50	0.133	.7124041	13.02297
4 1		8.133037	19.71792	0.86	0.387	.0702393	941.7277
isced_rec#sex#c.contactm_lag							
1 1		.9828093	.2921139	-0.06	0.953	.5488735	1.759812
3 1		.8796972	.1364883	-0.83	0.409	.6490319	1.192341
4 1		.9279646	.4201413	-0.17	0.869	.3820718	2.253812
contactf_lag		1.069301	.0580051	1.24	0.217	.9614477	1.189252
isced_rec#c.contactf_lag							
1		1.026135	.143382	0.18	0.854	.7803075	1.349407
3		1.17358	.111064	1.69	0.091	.9748946	1.412758
4		.8956185	.2254967	-0.44	0.661	.5467762	1.467022
sex#c.contactf_lag							
1		1.030011	.0731925	0.42	0.677	.8960981	1.183936
isced_rec#sex#c.contactf_lag							
1 1		.647877	.1199788	-2.34	0.019	.450672	.9313749
3 1		.8802019	.1122401	-1.00	0.317	.6855518	1.13012

4 1		.7070709	.2062671	-1.19	0.235	.3991627	1.252495
rela		15.87707	2.495018	17.59	0.000	11.6683	21.60396
german_native_nomigration		.9559073	.0902981	-0.48	0.633	.7943438	1.150332
parents_evernottogether		1.092914	.0899671	1.08	0.280	.9300719	1.284268
siblings		1.297138	.148983	2.27	0.024	1.03567	1.624617
demodiff		1.197268	.1257177	1.71	0.086	.9745681	1.470859
cohort							
1 1991-1993		1.071666	.1322949	0.56	0.575	.8413575	1.365019
3 1971-1973		.5875362	.1074426	-2.91	0.004	.4105591	.8408017
4 2001-2003		9.436867	10.03549	2.11	0.035	1.173899	75.86209

. estat phtest, detail

Test of proportional-hazards assumption

Time function: Analysis time

		rho	chi2	df	Prob>chi2
-----+-----					
contactm_lag		0.01171	0.14	1	0.7076
1.isced_rec		0.01121	0.13	1	0.7156
2b.isced_rec		.	.	1	.
3.isced_rec		0.03701	1.29	1	0.2564
4.isced_rec		0.01535	0.11	1	0.7348
1.isced_re~g		0.00120	0.00	1	0.9648
2b.isced_r~g		.	.	1	.
3.isced_re~g		-0.00949	0.09	1	0.7673
4.isced_re~g		-0.02507	0.27	1	0.6046
0b.sex		.	.	1	.
1.sex		-0.01245	0.14	1	0.7099
0b.sex#co.~g		.	.	1	.
1.sex#c.co~g		-0.03487	1.14	1	0.2853
1o.isced_r~x		.	.	1	.
1.isced_re~x		-0.01660	0.28	1	0.5981
2b.isced_r~x		.	.	1	.
2b.isced_r~x		.	.	1	.

30.isced_r~x		.	.	1	.
3.isced_re~x		-0.00855	0.06	1	0.7999
40.isced_r~x		.	.	1	.
4.isced_re~x		0.03545	0.73	1	0.3924
10.isced_r~g		.	.	1	.
1.isced_re~g		0.02447	0.60	1	0.4401
2b.isced_r~g		.	.	1	.
2b.isced_r~g		.	.	1	.
30.isced_r~g		.	.	1	.
3.isced_re~g		0.04989	2.39	1	0.1219
40.isced_r~g		.	.	1	.
4.isced_re~g		-0.01023	0.05	1	0.8162
contactf_lag		0.01384	0.18	1	0.6720
1.isced_re~g		-0.04613	2.06	1	0.1509
2b.isced_r~g		.	.	1	.
3.isced_re~g		0.00026	0.00	1	0.9933
4.isced_re~g		0.01199	0.10	1	0.7483
0b.sex#co.~g		.	.	1	.
1.sex#c.co~g		0.03941	1.49	1	0.2217
10.isced_r~g		.	.	1	.
1.isced_re~g		-0.03138	0.95	1	0.3289
2b.isced_r~g		.	.	1	.
2b.isced_r~g		.	.	1	.
30.isced_r~g		.	.	1	.
3.isced_re~g		-0.04750	2.23	1	0.1351
40.isced_r~g		.	.	1	.
4.isced_re~g		-0.02205	0.36	1	0.5511
rela		0.11168	11.06	1	0.0009
german_nat~n		0.08638	6.80	1	0.0091
parents_ev~r		-0.01960	0.34	1	0.5614
siblings		-0.02085	0.39	1	0.5314
demodiff		-0.05258	2.48	1	0.1156
1.cohort		-0.03020	0.78	1	0.3782
2b.cohort		.	.	1	.
3.cohort		0.00774	0.05	1	0.8203
4.cohort		0.00086	0.00	1	0.9797
-----+-----					
Global test		143.96	31	0.0000	

Online Supplementary Material B

Include housewife/househusband

Model 3 (presented in Table 2)

```
. eststo isced3: stpm2 c.contactm_lag##b2.isced_rec c.contactf_lag##b2.isced_rec sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort house, scale(hazard)
```

```
> df(5) tvc(rela) dftvc(5) eform
```

note: delayed entry models are being fitted

Iteration 0: log likelihood = -42.859897

Iteration 1: log likelihood = -31.250432

Iteration 2: log likelihood = -23.267345

Iteration 3: log likelihood = -21.707017

Iteration 4: log likelihood = -21.69628

Iteration 5: log likelihood = -21.696277

Iteration 6: log likelihood = -21.696277

Log likelihood = -21.696277

Number of obs = 16,533

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
xb							
	contactm_lag	1.132141	.0539378	2.61	0.009	1.03121	1.24295
	isced_rec						
	1	1.359902	1.114143	0.38	0.707	.2729818	6.774568
	3	3.618031	1.324826	3.51	0.000	1.765164	7.415824
	4	.942152	1.13388	-0.05	0.961	.0890636	9.966478
	isced_rec#c.contactm_lag						
	1	1.17109	.1674815	1.10	0.269	.8848244	1.54997
	2	1	3.97e-16	-0.04	0.972	1	1
	3	.7120095	.0548774	-4.41	0.000	.6121816	.8281161
	4	1.195417	.2535628	0.84	0.400	.7888042	1.811632
	contactf_lag	1.079801	.0399228	2.08	0.038	1.004321	1.160953
	isced_rec#c.contactf_lag						

1		.8674104	.0790508	-1.56	0.119	.7255227	1.037047
3		1.116616	.0714907	1.72	0.085	.984932	1.265906
4		.7093267	.0881784	-2.76	0.006	.555944	.9050271
sex		1.165724	.0799975	2.23	0.025	1.019019	1.33355
rela		9.66023	2.365116	9.26	0.000	5.978436	15.60944
german_native_nomigration		.9814353	.0925663	-0.20	0.843	.8157906	1.180714
parents_evernottogether		1.096427	.0897737	1.12	0.261	.9338665	1.287285
siblings		1.324591	.1519698	2.45	0.014	1.057849	1.658593
demodiff		1.211843	.1268961	1.83	0.067	.9869937	1.487917
cohort							
1 1991-1993		1.080548	.1314741	0.64	0.524	.8512861	1.371554
2 1981-1983		1	1.50e-16	-1.90	0.057	1	1
3 1971-1973		.729798	.1230315	-1.87	0.062	.5244506	1.015549
4 2001-2003		7.466375	7.888379	1.90	0.057	.941451	59.21365
house		2.138142	.4690484	3.46	0.001	1.390935	3.286747
_rcs1		2.007073	.3332258	4.20	0.000	1.449579	2.778974
_rcs2		1.135341	.1260419	1.14	0.253	.9133324	1.411315
_rcs3		1.026009	.0534567	0.49	0.622	.9264076	1.136318
_rcs4		.9974849	.0400826	-0.06	0.950	.9219385	1.079222
_rcs5		1.012406	.0280819	0.44	0.657	.9588362	1.068969
_rcs_rela1		1.717607	.2993565	3.10	0.002	1.220592	2.417003
_rcs_rela2		1.133794	.1417435	1.00	0.315	.8874	1.448601
_rcs_rela3		1.111903	.0672636	1.75	0.080	.9875842	1.251871
_rcs_rela4		1.056274	.0446075	1.30	0.195	.9723651	1.147423
_rcs_rela5		.9866944	.0284839	-0.46	0.643	.932417	1.044131
_cons		.0094029	.0037495	-11.70	0.000	.0043036	.0205442

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 3)

```
. lincom c.contactm_lag + c.contactm_lag#1.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]1.isced_rec#c.contactm_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.325839   .1791063      2.09   0.037      1.017426      1.727741
-----

```

```
. lincom c.contactm_lag + c.contactm_lag#2.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]2b.isced_rec#c.contactm_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.132141   .0539378      2.61   0.009      1.03121      1.24295
-----

```

```
. lincom c.contactm_lag + c.contactm_lag#3.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]3.isced_rec#c.contactm_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      .806095   .0495359     -3.51   0.000      .7146254      .9092725
-----

```

```
. lincom c.contactm_lag + c.contactm_lag#4.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]4.isced_rec#c.contactm_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.353381   .2801094      1.46   0.144      .9020835      2.030455
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		.9366304	.0796853	-0.77	0.442	.7927768	1.106587

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]2b.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		1.079801	.0399228	2.08	0.038	1.004321	1.160953

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		1.205723	.0658349	3.43	0.001	1.083353	1.341915

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		.7659315	.0921056	-2.22	0.027	.6051045	.9695037

Model 4 (presented in Table 4)

```
. eststo isced4: stpm2 c.contactm_lag##b2.isced_rec##sex c.contactf_lag##b2.isced_rec##sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort house, scale(ha
```

```
> zard) df(5) tvc(rela) dftvc(5) eform
```

note: delayed entry models are being fitted

Iteration 0: log likelihood = -33.827316

Iteration 1: log likelihood = -22.339113

Iteration 2: log likelihood = -14.196698

Iteration 3: log likelihood = -12.590625

Iteration 4: log likelihood = -12.576508

Iteration 5: log likelihood = -12.576503

Iteration 6: log likelihood = -12.576503

Log likelihood = -12.576503

Number of obs = 16,533

		exp(b)	Std. err.	z	P> z	[95% conf. interval]		
-----+-----								
xb								
	contactm_lag		1.022615	.0712794	0.32	0.748	.8920326	1.172313
	isced_rec							
	1		.6634377	.7092084	-0.38	0.701	.0816345	5.391707
	3		2.113233	1.04319	1.52	0.130	.8030722	5.560836
	4		.3847937	.6808636	-0.54	0.589	.0119975	12.34142
	isced_rec#c.contactm_lag							
	1		1.14759	.2338053	0.68	0.499	.7697794	1.710831
	2		1	1.20e-15	0.54	0.592	1	1
	3		.7638275	.0854605	-2.41	0.016	.6134215	.9511119
	4		1.148404	.4098259	0.39	0.698	.5705977	2.311316
	1.sex		.4058813	.209442	-1.75	0.081	.1476264	1.115923
sex#c.contactm_lag								
0		1	1.27e-17	-2.42	0.016	1	1	
1		1.196585	.1164994	1.84	0.065	.9887136	1.448159	
isced_rec#sex								

	1 0		1	3.43e-16	-1.94	0.053	1	1
	1 1		5.354844	9.157086	0.98	0.326	.1875617	152.8796
	2 0		1	1.30e-16	1.62	0.105	1	1
	3 1		2.604751	1.939769	1.29	0.199	.6051638	11.21139
	4 0		1	6.15e-17	-1.07	0.285	1	1
	4 1		6.235084	15.04948	0.76	0.448	.0549942	706.9155
iscd_rec#sex#c.contactm_lag								
	1 0		1	7.96e-17	-2.18	0.029	1	1
	1 1		1.068905	.3194766	0.22	0.824	.5950183	1.920207
	2 0		1	4.98e-16	-1.59	0.111	1	1
	3 1		.9140598	.1429335	-0.57	0.566	.6727758	1.241878
	4 0		1	6.86e-17	-1.96	0.050	1	1
	4 1		.9763085	.4400793	-0.05	0.958	.4035532	2.361965
contactf_lag			1.07069	.0584051	1.25	0.211	.9621254	1.191505
iscd_rec#c.contactf_lag								
	1		1.04711	.1478593	0.33	0.744	.7939565	1.380982
	2		1	7.34e-17	1.95	0.052	1	1
	3		1.183449	.1129591	1.76	0.078	.9815289	1.426908
	4		.8939576	.2227483	-0.45	0.653	.5485575	1.456839
sex#c.contactf_lag								
	1		1.031517	.0735446	0.44	0.663	.8969905	1.186219
iscd_rec#sex#c.contactf_lag								
	1 0		1	8.33e-17	-1.88	0.060	1	1
	1 1		.6481271	.1229554	-2.29	0.022	.4468685	.9400277
	2 0		1	6.25e-17	1.92	0.054	1	1
	3 1		.8701978	.1117012	-1.08	0.279	.6766362	1.11913
	4 0		1	2.50e-16	1.92	0.054	1	1
	4 1		.7075238	.2046983	-1.20	0.232	.4013049	1.247406
rela			9.613293	2.330051	9.34	0.000	5.978052	15.45912
german_native_nomigration			.9645466	.0913865	-0.38	0.703	.8010796	1.161371
parents_evernottogether			1.102734	.0906149	1.19	0.234	.9386961	1.295438
siblings			1.299074	.1492679	2.28	0.023	1.037118	1.627196
demodiff			1.219022	.1280125	1.89	0.059	.9922583	1.497609

cohort							
1 1991-1993		1.058583	.1291591	0.47	0.641	.8334293	1.344563
2 1981-1983		1	2.50e-16	1.92	0.055	1	1
3 1971-1973		.727351	.1226717	-1.89	0.059	.5226179	1.012287
4 2001-2003		7.642398	8.1054	1.92	0.055	.9560036	61.09418
house		2.067857	.4569513	3.29	0.001	1.340983	3.188728
_rcs1		2.010809	.3306992	4.25	0.000	1.456738	2.77562
_rcs2		1.138665	.1264545	1.17	0.242	.9159372	1.415553
_rcs3		1.024168	.0540214	0.45	0.651	.9235776	1.135715
_rcs4		.9963197	.0401453	-0.09	0.927	.9206632	1.078193
_rcs5		1.011629	.0280893	0.42	0.677	.9580466	1.068209
_rcs_rela1		1.729134	.2986599	3.17	0.002	1.232557	2.425772
_rcs_rela2		1.137711	.142378	1.03	0.303	.8902443	1.453969
_rcs_rela3		1.114893	.0682338	1.78	0.076	.9888669	1.25698
_rcs_rela4		1.05652	.0447745	1.30	0.195	.9723093	1.148024
_rcs_rela5		.986999	.0285258	-0.45	0.651	.9326434	1.044522
_cons		.0165185	.0074681	-9.08	0.000	.0068098	.0400686

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 5)

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
(1)		1.121131	.1473504	0.87	0.384	.866528 1.45054

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]contactf_lag + [xb]2b.isced_rec#co.contactf_lag = 0

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.07069   .0584051      1.25   0.211      .9621254      1.191505
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.267107   .1007463      2.98   0.003      1.084264      1.480783
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      .9571517   .2333221     -0.18   0.857      .5935889      1.54339
-----

```

```
.
```

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 1.sex, eform
```

```
( 1)  [xb]1.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      .4550459   .2423711     -1.48   0.139      .1602064      1.2925
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]2b.isced_rec#co.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.4345732	.228129	-1.59	0.112	.1553191	1.215908

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.5142951	.2683189	-1.27	0.202	.1849788	1.42989

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.38849	.2215266	-1.66	0.097	.1270585	1.187835

Online Supplementary Material C

Parents aged 66+

Model 3 (presented in Table 2)

```
. eststo isced3: stpm2 c.contactm_lag##b3.isced_rec c.contactf_lag##b3.isced_rec sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort father_66 mother_66,
> scale(hazard) df(5) tvc(rela) dftvc(5) eform
note: delayed entry models are being fitted
```

```
Iteration 0: log likelihood = -20.282306
Iteration 1: log likelihood = -11.850563
Iteration 2: log likelihood = -4.5280273
Iteration 3: log likelihood = -2.8646162
Iteration 4: log likelihood = -2.8465065
Iteration 5: log likelihood = -2.8433792
Iteration 6: log likelihood = -2.8428666
Iteration 7: log likelihood = -2.8427431
Iteration 8: log likelihood = -2.8427168
Iteration 9: log likelihood = -2.8427113
Iteration 10: log likelihood = -2.84271
Iteration 11: log likelihood = -2.8427097
```

Log likelihood = -2.8427097

Number of obs = 14,990

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
xb							
	contactm_lag	.8195742	.0536717	-3.04	0.002	.7208509	.9318181
	isced_rec						
1		.7508581	.6725793	-0.32	0.749	.1297467	4.345298
2		.2393367	.0937539	-3.65	0.000	.111064	.515757
3		1	1.92e-13	-0.00	0.997	1	1
4		.1841415	.2464021	-1.26	0.206	.0133705	2.536037
	isced_rec#c.contactm_lag						
1		1.428133	.2256675	2.26	0.024	1.047769	1.946578

	2		1.401074	.1167082	4.05	0.000	1.190027	1.649549
	3		1	4.51e-13	-0.00	0.997	1	1
	4		1.904521	.4512472	2.72	0.007	1.197034	3.030156
contactf_lag			1.185165	.071049	2.83	0.005	1.053782	1.33293
iscsed_rec#c.contactf_lag								
	1		.8332332	.0997271	-1.52	0.127	.6590053	1.053524
	2		.9207086	.0664087	-1.15	0.252	.7993314	1.060517
	4		.5970839	.0850836	-3.62	0.000	.4515858	.7894604
sex			1.18639	.0851901	2.38	0.017	1.030637	1.36568
rela			9.752895	2.557653	8.68	0.000	5.833238	16.30637
german_native_nomigration			.993892	.0989283	-0.06	0.951	.8177373	1.207993
parents_evernottogether			1.104992	.0940504	1.17	0.241	.9352115	1.305595
siblings			1.345114	.1605951	2.48	0.013	1.064469	1.699751
demodiff			1.124927	.1247682	1.06	0.289	.9051402	1.398084
cohort								
1 1991-1993			1.061464	.1347011	0.47	0.638	.827726	1.361206
3 1971-1973			.6579073	.120999	-2.28	0.023	.4587921	.9434381
4 2001-2003			5.02e-07	.0021631	-0.00	0.997	0	.
father_66			.8966366	.0929282	-1.05	0.292	.7318081	1.09859
mother_66			.9095689	.1315845	-0.66	0.512	.6850068	1.207748
_rcs1			2.076122	.3761555	4.03	0.000	1.455562	2.96125
_rcs2			1.13072	.1355438	1.02	0.305	.8939598	1.430184
_rcs3			1.024799	.059046	0.43	0.671	.9153659	1.147314
_rcs4			.9862729	.0429783	-0.32	0.751	.9055341	1.074211
_rcs5			1.010339	.0313734	0.33	0.740	.9506824	1.07374
_rcs_rela1			1.719357	.3274819	2.85	0.004	1.183695	2.497425
_rcs_rela2			1.13174	.1520377	0.92	0.357	.869754	1.472641
_rcs_rela3			1.109387	.072702	1.58	0.113	.9756658	1.261437
_rcs_rela4			1.064078	.0485988	1.36	0.174	.9729645	1.163723
_rcs_rela5			.989876	.0318857	-0.32	0.752	.929313	1.054386
_cons			.033235	.0140262	-8.07	0.000	.0145332	.0760028

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 3)

```
. lincom c.contactm_lag + c.contactm_lag#1.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]1.isced_rec#c.contactm_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.170461	.1684572	1.09	0.274	.8827723	1.551905

```
. lincom c.contactm_lag + c.contactm_lag#2.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]2.isced_rec#c.contactm_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.148284	.060626	2.62	0.009	1.0354	1.273474

```
. lincom c.contactm_lag + c.contactm_lag#3.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]3b.isced_rec#co.contactm_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.8195742	.0536717	-3.04	0.002	.7208509	.9318181

```
. lincom c.contactm_lag + c.contactm_lag#4.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]4.isced_rec#c.contactm_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)						

```

(1) | 1.560896 .3561162 1.95 0.051 .9980989 2.441037
-----

```

```

.
.
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec, eform

```

```

( 1) [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0

```

```

-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | .9875191 .1032759 -0.12 0.904 .8044997 1.212174
-----

```

```

. lincom c.contactf_lag + c.contactf_lag#2.isced_rec, eform

```

```

( 1) [xb]contactf_lag + [xb]2.isced_rec#c.contactf_lag = 0

```

```

-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | 1.091192 .0475727 2.00 0.045 1.001824 1.188532
-----

```

```

. lincom c.contactf_lag + c.contactf_lag#3.isced_rec, eform

```

```

( 1) [xb]contactf_lag + [xb]3b.isced_rec#co.contactf_lag = 0

```

```

-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | 1.185165 .071049 2.83 0.005 1.053782 1.33293
-----

```

```

. lincom c.contactf_lag + c.contactf_lag#4.isced_rec, eform

```

```

( 1) [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0

```

```

-----

```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.7076431	.0923819	-2.65	0.008	.547887	.9139819

Model 4 (presented in Table 4)

```
. eststo isced4: stpm2 c.contactm_lag##b2.isced_rec##sex c.contactf_lag##b2.isced_rec##sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort father_66 mothe
```

```
> r_66, scale(hazard) df(5) tvc(rela) dftvc(5) eform
```

note: delayed entry models are being fitted

```
Iteration 0: log likelihood = -11.790659
Iteration 1: log likelihood = -4.1061863
Iteration 2: log likelihood = 2.398014
Iteration 3: log likelihood = 5.3558843
Iteration 4: log likelihood = 5.5073864
Iteration 5: log likelihood = 5.5114619
Iteration 6: log likelihood = 5.5117537
Iteration 7: log likelihood = 5.5118165
Iteration 8: log likelihood = 5.5118296
Iteration 9: log likelihood = 5.5118325
Iteration 10: log likelihood = 5.5118332
Iteration 11: log likelihood = 5.5118334
```

Log likelihood = 5.5118334

Number of obs = 14,990

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
-----+-----							
xb							
	contactm_lag		1.050575	.0871591	0.59	0.552	.8929116 1.236077
	isced_rec						
	1		2.306673	2.616009	0.74	0.461	.2498239 21.29796
	3		2.081202	1.119563	1.36	0.173	.7251346 5.97324
	4		.1833694	.3835534	-0.81	0.417	.00304 11.06071
	isced_rec#c.contactm_lag						
	1		.9317332	.202725	-0.32	0.745	.6082589 1.427232
	2		1	2.94e-16	-0.79	0.431	1 1

3		.7472837	.0946886	-2.30	0.022	.5829474	.9579472
4		1.362034	.5868195	0.72	0.473	.5854045	3.168985
1.sex		.3696421	.2077778	-1.77	0.077	.1228334	1.112363
sex#c.contactm_lag							
0		1	3.02e-13	0.00	0.998	1	1
1		1.16137	.1272393	1.37	0.172	.9369435	1.439554
iscd_rec#sex							
1 0		1	3.36e-13	-0.00	0.998	1	1
1 1		2.395733	4.500218	0.47	0.642	.0603276	95.13959
2 0		1	1.79e-13	0.00	0.998	1	1
3 1		3.328703	2.64059	1.52	0.130	.7031288	15.75851
4 0		1	6.55e-13	-0.00	0.998	1	1
4 1		13.9089	37.8019	0.97	0.333	.0675897	2862.236
iscd_rec#sex#c.contactm_lag							
1 0		1	4.44e-14	-0.01	0.994	1	1
1 1		1.243551	.4100382	0.66	0.509	.6516212	2.373186
2 0		1	5.47e-13	0.00	0.998	1	1
3 1		.9589074	.1638684	-0.25	0.806	.6859843	1.340415
4 0		1	8.75e-13	0.00	0.998	1	1
4 1		.903139	.4707929	-0.20	0.845	.3251142	2.508842
contactf_lag		1.054442	.071466	0.78	0.434	.9232756	1.204242
iscd_rec#c.contactf_lag							
1		1.033297	.1784991	0.19	0.850	.7365166	1.449666
2		1	3.56e-13	0.00	0.998	1	1
3		1.213997	.1372924	1.71	0.086	.9726443	1.515238
4		.8612632	.2673292	-0.48	0.630	.4687375	1.582494
sex#c.contactf_lag							
1		1.082386	.0938252	0.91	0.361	.9132652	1.282825
iscd_rec#sex#c.contactf_lag							
1 0		1	2.19e-13	-0.00	0.998	1	1
1 1		.7136617	.1691762	-1.42	0.155	.4484477	1.135724

2 0		1	2.19e-13	-0.00	0.998	1	1
3 1		.7927662	.1165804	-1.58	0.114	.5942531	1.057593
4 0		1	1.20e-12	-0.00	0.998	1	1
4 1		.6669856	.2319896	-1.16	0.244	.3373287	1.318802
rela		9.546069	2.495591	8.63	0.000	5.718714	15.93495
german_native_nomigration		.9620856	.0960454	-0.39	0.699	.7911119	1.17001
parents_evernottogether		1.110162	.0950847	1.22	0.222	.9386017	1.31308
siblings		1.341001	.1606367	2.45	0.014	1.060388	1.695873
demodiff		1.137253	.126427	1.16	0.247	.9145979	1.414113
cohort							
1 1991-1993		1.045053	.1331347	0.35	0.729	.8141405	1.341458
2 1981-1983		1	4.38e-13	0.00	0.998	1	1
3 1971-1973		.6499814	.1198516	-2.34	0.019	.4528412	.9329448
4 2001-2003		2.79e-07	.001557	-0.00	0.998	0	.
father_66		.8986426	.0931489	-1.03	0.303	.7334247	1.101079
mother_66		.9017789	.1304182	-0.71	0.475	.6791983	1.197302
_rcs1		2.073568	.374275	4.04	0.000	1.45572	2.953646
_rcs2		1.130605	.135512	1.02	0.306	.8938968	1.429993
_rcs3		1.022639	.0592269	0.39	0.699	.9129025	1.145567
_rcs4		.9850006	.0429002	-0.35	0.729	.9044066	1.072777
_rcs5		1.009549	.0313301	0.31	0.759	.9499733	1.072861
_rcs_rela1		1.742977	.3304988	2.93	0.003	1.201957	2.527518
_rcs_rela2		1.140023	.1531553	0.98	0.329	.8761119	1.483431
_rcs_rela3		1.110953	.073287	1.60	0.111	.9762118	1.264293
_rcs_rela4		1.064906	.048658	1.38	0.169	.9736836	1.164675
_rcs_rela5		.99049	.0319062	-0.30	0.767	.9298882	1.055041
_cons		.0152892	.0076365	-8.37	0.000	.0057443	.0406944

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 5)

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.089551   .1738137      0.54   0.591      .7969983      1.489491
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]contactf_lag + [xb]2b.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.054442   .071466      0.78   0.434      .9232756      1.204242
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      1.280089   .1171126      2.70   0.007      1.069955      1.531492
-----

```

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

```

-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1) |      .9081517   .2755064     -0.32   0.751      .5011052      1.645841
-----

```

```
.
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	+					
(1)		.4027441	.235014	-1.56	0.119	.1283293 1.263957

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]2b.isced_rec#co.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	+					
(1)		.389766	.2237886	-1.64	0.101	.1264961 1.200967

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	+					
(1)		.4731747	.2692643	-1.31	0.189	.1551092 1.443462

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	+					
(1)		.3356911	.2142551	-1.71	0.087	.096086 1.172789

Online Supplementary Material D

Including indicators for vulnerable parents

Model 3 (presented in Table 2)

```
. eststo isced3: stpm2 c.contactm_lag##b2.isced_rec c.contactf_lag##b2.isced_rec sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort vulnerable_f vulnerab
> le_m, scale(hazard) df(5) tvc(rela) dftvc(5) eform
note: delayed entry models are being fitted
```

```
Iteration 0: log likelihood = -23.091823
Iteration 1: log likelihood = -14.531005
Iteration 2: log likelihood = -3.2559492
Iteration 3: log likelihood = -1.1529918
Iteration 4: log likelihood = -1.1339652
Iteration 5: log likelihood = -1.1339582
Iteration 6: log likelihood = -1.1339582
```

Log likelihood = -1.1339582

Number of obs = 15,292

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
xb							
	contactm_lag	1.139346	.0567859	2.62	0.009	1.033311	1.256262
	isced_rec						
	1	1.624828	1.409063	0.56	0.576	.2969195	8.89152
	3	4.066612	1.531906	3.72	0.000	1.94349	8.509091
	4	.9612772	1.18351	-0.03	0.974	.086072	10.73582
	isced_rec#c.contactm_lag						
	1	1.224056	.1947883	1.27	0.204	.8960801	1.672076
	2	1	4.05e-16	-0.10	0.924	1	1
	3	.7126941	.0567093	-4.26	0.000	.6097795	.8329779
	4	1.22544	.2662207	0.94	0.349	.8005215	1.875907
	contactf_lag	1.097095	.0423443	2.40	0.016	1.017163	1.183308

iscd_rec#c.contactf_lag							
1		.8174692	.0794394	-2.07	0.038	.6757001	.988983
3		1.099161	.0727047	1.43	0.153	.9655127	1.251309
4		.6876311	.0874784	-2.94	0.003	.5358807	.882354
sex		1.11394	.0782235	1.54	0.124	.9707072	1.278307
rela		9.394179	2.419575	8.70	0.000	5.670514	15.56307
german_native_nomigration		.9385109	.0901829	-0.66	0.509	.7774029	1.133007
parents_evernottogether		1.136149	.0965246	1.50	0.133	.9618759	1.341996
siblings		1.26517	.1463781	2.03	0.042	1.008477	1.587199
demodiff		1.1872	.1256887	1.62	0.105	.9647337	1.460968
cohort							
1 1991-1993		1.209317	.1594374	1.44	0.149	.9339354	1.565897
2 1981-1983		1	2.44e-17	0.12	0.905	1	1
3 1971-1973		.6962786	.12249	-2.06	0.040	.493218	.9829404
vulnerable_f		.9795626	.168862	-0.12	0.905	.6987111	1.373304
vulnerable_m		.9869839	.1667334	-0.08	0.938	.7087854	1.374376
_rcs1		1.996922	.3472519	3.98	0.000	1.420178	2.807887
_rcs2		1.129928	.1219634	1.13	0.258	.9144771	1.396139
_rcs3		1.031197	.0505196	0.63	0.531	.9367858	1.135123
_rcs4		.9789085	.0399987	-0.52	0.602	.9035695	1.060529
_rcs5		1.007218	.0300523	0.24	0.810	.950006	1.067876
_rcs_rela1		1.819033	.3315117	3.28	0.001	1.27266	2.599972
_rcs_rela2		1.170071	.1430141	1.29	0.199	.9208157	1.486798
_rcs_rela3		1.111302	.0642894	1.82	0.068	.9921783	1.244729
_rcs_rela4		1.06688	.0459965	1.50	0.133	.9804322	1.16095
_rcs_rela5		.993525	.0308163	-0.21	0.834	.9349254	1.055797
_cons		.009004	.0037428	-11.33	0.000	.0039866	.0203358

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 3)

. lincom c.contactm_lag + c.contactm_lag#1.isced_rec, eform

(1) [xb]contactm_lag + [xb]1.isced_rec#c.contactm_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		1.394624	.2112276	2.20	0.028	1.036419	1.87663

```
. lincom c.contactm_lag + c.contactm_lag#2.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]2b.isced_rec#c.contactm_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		1.139346	.0567859	2.62	0.009	1.033311	1.256262

```
. lincom c.contactm_lag + c.contactm_lag#3.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]3.isced_rec#c.contactm_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		.8120051	.0512399	-3.30	0.001	.717539	.918908

```
. lincom c.contactm_lag + c.contactm_lag#4.isced_rec, eform
```

```
( 1) [xb]contactm_lag + [xb]4.isced_rec#c.contactm_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
	+						
(1)		1.3962	.2958418	1.58	0.115	.9216927	2.114995

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.8968416	.0817582	-1.19	0.232	.7500982	1.072293

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]2b.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.097095	.0423443	2.40	0.016	1.017163	1.183308

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.205884	.067903	3.32	0.001	1.079878	1.346593

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec, eform
```

```
( 1) [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.7543968	.092734	-2.29	0.022	.592879	.9599167

Model 4 (presented in Table 4)

```
. eststo isced4: stpm2 c.contactm_lag##b2.isced_rec##sex c.contactf_lag##b2.isced_rec##sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort vulnerable_f vu
> lnerable_m, scale(hazard) df(5) tvc(rela) dftvc(5) eform
note: delayed entry models are being fitted
```

```
Iteration 0: log likelihood = -15.223595
Iteration 1: log likelihood = -6.1451031
Iteration 2: log likelihood = 4.828425
Iteration 3: log likelihood = 6.8901292
Iteration 4: log likelihood = 6.9075179
Iteration 5: log likelihood = 6.9075231
Iteration 6: log likelihood = 6.9075231
```

Log likelihood = 6.9075231

Number of obs = 15,292

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
-----+-----							
xb							
contactm_lag		1.038794	.0748518	0.53	0.597	.9019758	1.196366
isced_rec							
1		.669697	.7684792	-0.35	0.727	.0706516	6.347966
3		2.211435	1.122604	1.56	0.118	.8176616	5.981012
4		.3508921	.634422	-0.58	0.562	.0101433	12.13858
isced_rec#c.contactm_lag							
1		1.225692	.2910315	0.86	0.391	.7696088	1.952059
2		1	1.23e-15	0.58	0.563	1	1
3		.7778899	.0902428	-2.17	0.030	.6196843	.9764855
4		1.180939	.4264	0.46	0.645	.5819497	2.396457
1.sex		.4057158	.2181686	-1.68	0.093	.1414161	1.163978
sex#c.contactm_lag							
0		1	1.11e-17	-1.27	0.205	1	1
1		1.178188	.1190297	1.62	0.105	.966539	1.436182
isced_rec#sex							

	1 0		1	5.76e-17	-0.23	0.818	1	1
	1 1		10.25435	18.24609	1.31	0.191	.3135607	335.3471
	2 0		1	3.44e-17	-0.74	0.457	1	1
	3 1		3.067712	2.349327	1.46	0.143	.6838237	13.76211
	4 0		1	1.35e-17	4.00	0.000	1	1
	4 1		7.334766	18.07773	0.81	0.419	.0585411	918.9926
iscsed_rec#sex#c.contactm_lag								
	1 0		1	1.50e-17	-1.47	0.141	1	1
	1 1		.9182977	.2997304	-0.26	0.794	.4843431	1.74106
	2 0		1	8.82e-17	1.69	0.092	1	1
	3 1		.882924	.142924	-0.77	0.442	.6428867	1.212585
	4 0		1	2.84e-17	-0.52	0.601	1	1
	4 1		.9895978	.453292	-0.02	0.982	.4032367	2.428608
contactf_lag			1.082609	.0606923	1.42	0.157	.9699564	1.208345
iscsed_rec#c.contactf_lag								
	1		.9945412	.1585722	-0.03	0.973	.7276207	1.359379
	2		1	1.54e-17	0.23	0.819	1	1
	3		1.159497	.1135424	1.51	0.131	.9570103	1.404826
	4		.8887674	.2167865	-0.48	0.629	.5510165	1.433546
sex#c.contactf_lag								
	1		1.040584	.0768017	0.54	0.590	.9004366	1.202545
iscsed_rec#sex#c.contactf_lag								
	1 0		1	1.41e-17	0.26	0.795	1	1
	1 1		.6821548	.1384554	-1.88	0.059	.4582648	1.015428
	2 0		1	1.03e-17	0.04	0.967	1	1
	3 1		.8738734	.1163372	-1.01	0.311	.6731774	1.134403
	4 0		1	4.10e-17	0.04	0.967	1	1
	4 1		.6649279	.1918128	-1.41	0.157	.3777697	1.170367
rela			9.341107	2.380813	8.77	0.000	5.668244	15.39388
german_native_nomigration			.9253442	.0895301	-0.80	0.423	.7655027	1.118562
parents_evernottogether			1.14285	.097504	1.57	0.118	.9668691	1.350861
siblings			1.243535	.1439962	1.88	0.060	.9910425	1.560356
demodiff			1.19625	.1270562	1.69	0.092	.9714356	1.473092

cohort							
1 1991-1993		1.199953	.1586023	1.38	0.168	.9260999	1.554787
2 1981-1983		1	4.07e-17	0.02	0.984	1	1
3 1971-1973		.6910479	.1214919	-2.10	0.036	.4896209	.9753407
vulnerable_f		1.003473	.1733956	0.02	0.984	.7151909	1.407957
vulnerable_m		.9588287	.1622616	-0.25	0.804	.6881658	1.335946
_rcs1		2.003549	.3457566	4.03	0.000	1.428586	2.809917
_rcs2		1.131611	.1221308	1.15	0.252	.9158622	1.398184
_rcs3		1.030254	.0510838	0.60	0.548	.9348431	1.135403
_rcs4		.9781849	.0401238	-0.54	0.591	.9026219	1.060074
_rcs5		1.006482	.0301633	0.22	0.829	.9490657	1.067372
_rcs_rela1		1.831586	.3313205	3.35	0.001	1.284846	2.610979
_rcs_rela2		1.17474	.1437028	1.32	0.188	.924308	1.493025
_rcs_rela3		1.114386	.065196	1.85	0.064	.9936578	1.249782
_rcs_rela4		1.066802	.0462023	1.49	0.135	.9799838	1.161311
_rcs_rela5		.993885	.0309672	-0.20	0.844	.9350065	1.056471
_cons		.0152974	.0072029	-8.88	0.000	.0060789	.0384959

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 5)

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
(1)		1.076699	.162095	0.49	0.624	.8015813 1.446242

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]contactf_lag + [xb]2b.isced_rec#co.contactf_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
-----+-----						
(1)		1.082609	.0606923	1.42	0.157	.9699564 1.208345

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 0.sex, eform
```

```
( 1) [xb]0b.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
-----+-----						
(1)		1.255281	.102263	2.79	0.005	1.070032 1.472602

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 0.sex, eform
```

```
( 1) [xb]0b.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
-----+-----						
(1)		.9621875	.2291437	-0.16	0.871	.6033192 1.534519

```
.
```

```
. lincom c.contactf_lag + c.contactf_lag#1.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]1.isced_rec#c.contactf_lag = 0
```

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
-----+-----						
(1)		.4368338	.2438351	-1.48	0.138	.1462805 1.304506

```
. lincom c.contactf_lag + c.contactf_lag#2.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]2b.isced_rec#co.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.4392315	.2402842	-1.50	0.133	.1503275	1.28336

```
. lincom c.contactf_lag + c.contactf_lag#3.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]3.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.5092875	.2767866	-1.24	0.214	.1755309	1.477653

```
. lincom c.contactf_lag + c.contactf_lag#4.isced_rec + 1.sex, eform
```

```
( 1) [xb]1.sex + [xb]contactf_lag + [xb]4.isced_rec#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.3903746	.2293986	-1.60	0.109	.1233912	1.235034

Online Supplementary Material E

Cohort interactions

```
. tab cohort have_kids
```

Birth cohort	have_kids		Total
	0	1	
1 1991-1993	5,982	194	6,176
2 1981-1983	7,153	611	7,764
3 1971-1973	2,417	88	2,505
4 2001-2003	97	1	98

```
-----+-----+-----
Total |    15,649    894 |    16,543
```

```
. * only one birth from youngest cohort, so this one we drop
. drop if cohort == 4
(98 observations deleted)
```

Model

```
. stpm2 c.contactm_lag##b2.cohort c.contactf_lag##b2.cohort b2.isced_rec sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort, scale(hazard) df(5)
tvc(rela
> ) dftvc(5) eform
note: delayed entry models are being fitted
```

```
Iteration 0: log likelihood = -62.016487
Iteration 1: log likelihood = -49.234617
Iteration 2: log likelihood = -39.179454
Iteration 3: log likelihood = -37.327884
Iteration 4: log likelihood = -37.283079
Iteration 5: log likelihood = -37.282997
Iteration 6: log likelihood = -37.282997
```

Log likelihood = -37.282997

Number of obs = 16,445

-----+-----+-----								
		exp(b)	Std. err.	z	P> z	[95% conf. interval]		
-----+-----+-----								
xb								
	contactm_lag		.9891474	.0415555	-0.26	0.795	.9109632	1.074042
	cohort							
	1 1991-1993		.6331002	.3402246	-0.85	0.395	.2208216	1.815112
	3 1971-1973		.622153	.322141	-0.92	0.359	.2255063	1.716469
	cohort#c.contactm_lag							
	1 1991-1993		1.270902	.1183108	2.58	0.010	1.058941	1.525289
	3 1971-1973		.9283449	.1034711	-0.67	0.505	.7461678	1.155001
	contactf_lag		1.108471	.0390846	2.92	0.003	1.034453	1.187784

cohort#c.contactf_lag						
1	1991-1993	.8427227	.050669	-2.85	0.004	.7490416 .9481203
2	1981-1983	1	4.08e-17	-2.47	0.014	1 1
3	1971-1973	1.120964	.1137415	1.13	0.260	.9188033 1.367606
iscd_rec						
1		1.761362	.2896302	3.44	0.001	1.276089 2.431175
3		.9395883	.0666474	-0.88	0.380	.8176355 1.079731
4		.4836577	.1000411	-3.51	0.000	.322458 .7254425
	sex	1.142639	.0783545	1.94	0.052	.9989399 1.307009
	rela	8.201399	2.454502	7.03	0.000	4.561857 14.74464
	german_native_nomigration	.9622461	.0907545	-0.41	0.683	.7998432 1.157624
	parents_evernottogether	1.074027	.0878712	0.87	0.383	.9149018 1.260828
	siblings	1.316493	.150893	2.40	0.016	1.051614 1.648091
	demodiff	1.181813	.1236985	1.60	0.110	.9626195 1.450917
	_rcs1	1.777307	.3091734	3.31	0.001	1.263836 2.499391
	_rcs2	1.079843	.1027276	0.81	0.419	.8961574 1.301179
	_rcs3	1.026971	.0404779	0.68	0.500	.9506229 1.109451
	_rcs4	1.002041	.0348534	0.06	0.953	.9360064 1.072735
	_rcs5	1.010148	.0253055	0.40	0.687	.9617477 1.060983
	_rcs_rela1	1.890627	.3455715	3.48	0.000	1.321362 2.705139
	_rcs_rela2	1.195159	.1317181	1.62	0.106	.9629753 1.483325
	_rcs_rela3	1.102296	.0541454	1.98	0.047	1.001121 1.213695
	_rcs_rela4	1.04997	.0388433	1.32	0.187	.9765329 1.128929
	_rcs_rela5	.9890558	.0259887	-0.42	0.675	.9394082 1.041327
	_cons	.0225076	.0091664	-9.32	0.000	.0101314 .0500021

Note: Estimates are transformed only in the first equation.

Linear combinations

```
. lincom c.contactm_lag + c.contactm_lag#1.cohort, eform
```

```
( 1) [xb]contactm_lag + [xb]1.cohort#c.contactm_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]
--	--------	-----------	---	------	----------------------

```

-----+-----
(1) | 1.257109 .1050488 2.74 0.006 1.067194 1.480821
-----

. lincom c.contactm_lag + c.contactm_lag#2.cohort, eform

( 1) [xb]contactm_lag + [xb]2b.cohort#co.contactm_lag = 0

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | .9891474 .0415555 -0.26 0.795 .9109632 1.074042
-----

. lincom c.contactm_lag + c.contactm_lag#3.cohort, eform

( 1) [xb]contactm_lag + [xb]3.cohort#c.contactm_lag = 0

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | .9182699 .0947993 -0.83 0.409 .7500582 1.124206
-----

. * cohort 1, i.e., 1991-1993 have children earlier when more contact with mother
.
. lincom c.contactf_lag + c.contactf_lag#1.cohort, eform

( 1) [xb]contactf_lag + [xb]1.cohort#c.contactf_lag = 0

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | .9341333 .0484011 -1.32 0.189 .8439269 1.033982
-----

. lincom c.contactf_lag + c.contactf_lag#2.cohort, eform

( 1) [xb]contactf_lag + [xb]2b.cohort#co.contactf_lag = 0

```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.108471	.0390846	2.92	0.003	1.034453	1.187784

```
. lincom c.contactf_lag + c.contactf_lag#3.cohort, eform
```

```
( 1) [xb]contactf_lag + [xb]3.cohort#c.contactf_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.242556	.1191914	2.26	0.024	1.029592	1.499571

```
. * cohort 2 and 3, i.e., 1981-1983 and 1971-1973 have children earlier when more contact with father
```

Online Supplementary Material F

Emotional closeness instead of contact

Model 3 (presented in Table 2)

```
. eststo isced3: stpm2 c.emo_m_lag##b2.isced_rec c.emo_f_lag##b2.isced_rec sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort, scale(hazard) df(5)
tvc(re
```

```
> la) dftvc(5) eform
```

note: delayed entry models are being fitted

Iteration 0: log likelihood = -56.706627

Iteration 1: log likelihood = -46.681464

Iteration 2: log likelihood = -38.945939

Iteration 3: log likelihood = -37.530414

Iteration 4: log likelihood = -37.517054

Iteration 5: log likelihood = -37.517034

Iteration 6: log likelihood = -37.517034

Log likelihood = -37.517034

Number of obs = 16,132

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
xb							
	emo_m_lag	1.137436	.068755	2.13	0.033	1.010356	1.280501
	isced_rec						
	1	4.036648	2.700831	2.09	0.037	1.08768	14.981
	3	1.852131	.6618045	1.72	0.085	.9194325	3.730985
	4	.4561067	.5291041	-0.68	0.499	.0469499	4.430965
	isced_rec#c.emo_m_lag						
	1	.9242843	.1488394	-0.49	0.625	.6741163	1.267291
	2	1	1.58e-16	-0.86	0.391	1	1
	3	.7755246	.0700237	-2.82	0.005	.6497388	.9256618
	4	1.127752	.3256023	0.42	0.677	.6404073	1.985961
	emo_f_lag	1.029555	.0510653	0.59	0.557	.93418	1.134668
	isced_rec#c.emo_f_lag						

1		.8581377	.1155567	-1.14	0.256	.6590742	1.117325
3		1.102337	.0853929	1.26	0.208	.9470564	1.283078
4		.8729055	.1863505	-0.64	0.524	.5744472	1.32643
sex		1.155246	.0800782	2.08	0.037	1.00849	1.323358
rela		9.808985	2.721955	8.23	0.000	5.69402	16.89776
german_native_nomigration		.9540432	.0906004	-0.50	0.620	.7920161	1.149217
parents_evernottogether		.9926156	.0790795	-0.09	0.926	.8491173	1.160365
siblings		1.288906	.1488828	2.20	0.028	1.027776	1.616384
demodiff		1.139989	.1216626	1.23	0.220	.9248219	1.405216
cohort							
1 1991-1993		1.097788	.1361596	0.75	0.452	.8608811	1.399889
2 1981-1983		1	3.32e-16	-2.14	0.033	1	1
3 1971-1973		.7068473	.1250069	-1.96	0.050	.4997922	.9996817
4 2001-2003		8.95816	9.462863	2.08	0.038	1.129953	71.01941
_rcs1		1.958878	.3615497	3.64	0.000	1.364273	2.812636
_rcs2		1.112189	.1274759	0.93	0.354	.8884158	1.392326
_rcs3		1.035902	.0513605	0.71	0.477	.9399741	1.14162
_rcs4		.9966213	.0398482	-0.08	0.933	.9215022	1.077864
_rcs5		1.012693	.0280884	0.45	0.649	.9591106	1.069269
_rcs_rela1		1.729084	.3316729	2.85	0.004	1.187241	2.51822
_rcs_rela2		1.142408	.1459299	1.04	0.297	.8893846	1.467414
_rcs_rela3		1.095228	.0635042	1.57	0.117	.9775735	1.227041
_rcs_rela4		1.05782	.0444221	1.34	0.181	.9742409	1.148569
_rcs_rela5		.986752	.0284695	-0.46	0.644	.9325012	1.044159
_cons		.0164053	.0067447	-10.00	0.000	.0073287	.0367232

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 3)

```
. lincom c.emo_m_lag + c.emo_m_lag#1.isced_rec, eform
```

```
( 1) [xb]emo_m_lag + [xb]1.isced_rec#c.emo_m_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]
--	--------	-----------	---	------	----------------------

```

-----+-----
(1) | 1.051315 .1573056 0.33 0.738 .7840966 1.4096
-----

```

```
. lincom c.emo_m_lag + c.emo_m_lag#2.isced_rec, eform
```

```
( 1) [xb]emo_m_lag + [xb]2b.isced_rec#c.emo_m_lag = 0
```

```

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | 1.137436 .068755 2.13 0.033 1.010356 1.280501
-----

```

```
. lincom c.emo_m_lag + c.emo_m_lag#3.isced_rec, eform
```

```
( 1) [xb]emo_m_lag + [xb]3.isced_rec#c.emo_m_lag = 0
```

```

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | .8821099 .0598021 -1.85 0.064 .7723533 1.007464
-----

```

```
. lincom c.emo_m_lag + c.emo_m_lag#4.isced_rec, eform
```

```
( 1) [xb]emo_m_lag + [xb]4.isced_rec#c.emo_m_lag = 0
```

```

-----+-----
| exp(b) Std. err. z P>|z| [95% conf. interval]
-----+-----
(1) | 1.282746 .3624959 0.88 0.378 .737219 2.231952
-----

```

```
.
. lincom c.emo_f_lag + c.emo_f_lag#1.isced_rec, eform
```

```
( 1) [xb]emo_f_lag + [xb]1.isced_rec#c.emo_f_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.8835001	.1116583	-0.98	0.327	.6896525	1.131835

```
. lincom c.emo_f_lag + c.emo_f_lag#2.isced_rec, eform
```

```
( 1) [xb]emo_f_lag + [xb]2b.isced_rec#c.emo_f_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.029555	.0510653	0.59	0.557	.93418	1.134668

```
. lincom c.emo_f_lag + c.emo_f_lag#3.isced_rec, eform
```

```
( 1) [xb]emo_f_lag + [xb]3.isced_rec#c.emo_f_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	1.134917	.0696317	2.06	0.039	1.006328	1.279937

```
. lincom c.emo_f_lag + c.emo_f_lag#4.isced_rec, eform
```

```
( 1) [xb]emo_f_lag + [xb]4.isced_rec#c.emo_f_lag = 0
```

	exp(b)	Std. err.	z	P> z	[95% conf. interval]	
(1)	.8987044	.1874886	-0.51	0.609	.597088	1.352681

Model 4 (presented in Table 4)

```
. eststo isced4: stpm2 c.emo_m_lag##b2.isced_rec##sex c.emo_f_lag##b2.isced_rec##sex rela
german_native_nomigration parents_evernottogether siblings demodiff b2.cohort, scale(hazard) df(5)
> tvc(rela) dftvc(5) eform
```

note: delayed entry models are being fitted

Iteration 0: log likelihood = -46.984171
 Iteration 1: log likelihood = -36.506794
 Iteration 2: log likelihood = -28.84968
 Iteration 3: log likelihood = -27.469804
 Iteration 4: log likelihood = -27.457332
 Iteration 5: log likelihood = -27.457315
 Iteration 6: log likelihood = -27.457315

Log likelihood = -27.457315

Number of obs = 16,132

		exp(b)	Std. err.	z	P> z	[95% conf. interval]	
xb							
	emo_m_lag	1.064769	.0965789	0.69	0.489	.8913489	1.271928
	iscd_rec						
	1	3.230949	2.864065	1.32	0.186	.5685713	18.36011
	3	1.049857	.524481	0.10	0.922	.3943592	2.794912
	4	.30401	.4896618	-0.74	0.460	.0129383	7.143292
	iscd_rec#c.emo_m_lag						
	1	.8799194	.1941484	-0.58	0.562	.5709932	1.355985
	2	1	5.14e-16	0.72	0.471	1	1
	3	.7196172	.0996404	-2.38	0.017	.548582	.9439771
	4	.9047807	.4194495	-0.22	0.829	.3646975	2.244677
	1.sex	.6260756	.3175254	-0.92	0.356	.2316994	1.691721
	sex#c.emo_m_lag						
	0	1	9.14e-17	-1.30	0.194	1	1
	1	1.101307	.1342253	0.79	0.429	.8672923	1.398464
	iscd_rec#sex						
	1 0	1	1.51e-16	0.68	0.499	1	1
	1 1	1.371319	1.880152	0.23	0.818	.0933459	20.14568
	2 0	1	8.31e-17	-0.52	0.604	1	1

3 1		2.436455	1.759337	1.23	0.217	.5917186	10.03233
4 0		1	8.23e-17	1.11	0.265	1	1
4 1		1.988463	4.720983	0.29	0.772	.0189498	208.6553
isced_rec#sex#c.emo_m_lag							
1 0		1	3.00e-16	-2.27	0.023	1	1
1 1		1.167396	.3853401	0.47	0.639	.6112927	2.229396
2 0		1	1.57e-16	3.37	0.001	1	1
3 1		1.147802	.2124337	0.74	0.456	.7985972	1.649705
4 0		1	4.80e-17	-0.26	0.796	1	1
4 1		1.327097	.812322	0.46	0.644	.3998326	4.404808
emo_f_lag		.9760626	.0711532	-0.33	0.740	.8461097	1.125975
isced_rec#c.emo_f_lag							
1		.9773231	.1906881	-0.12	0.906	.6667423	1.432578
2		1	1.31e-16	1.84	0.066	1	1
3		1.456577	.1803557	3.04	0.002	1.142711	1.856652
4		1.242824	.5195461	0.52	0.603	.5477418	2.819961
sex#c.emo_f_lag							
1		1.109662	.1074668	1.07	0.283	.9178147	1.341611
isced_rec#sex#c.emo_f_lag							
1 0		1	8.44e-17	1.77	0.076	1	1
1 1		.7582295	.2055051	-1.02	0.307	.4457558	1.289746
2 0		1	2.47e-16	1.41	0.159	1	1
3 1		.6218786	.099146	-2.98	0.003	.4549868	.8499874
4 0		1	1.54e-16	-1.16	0.248	1	1
4 1		.6007228	.2922289	-1.05	0.295	.2315244	1.55866
rela		9.683758	2.664917	8.25	0.000	5.646742	16.60695
german_native_nomigration		.9420184	.0897012	-0.63	0.530	.7816385	1.135306
parents_evernottogether		1.006032	.0804958	0.08	0.940	.8600119	1.176845
siblings		1.281866	.1481909	2.15	0.032	1.021972	1.607853
demodiff		1.151776	.1231059	1.32	0.186	.9340899	1.420193
cohort							
1 1991-1993		1.078361	.1340378	0.61	0.544	.8452043	1.375836

2	1981-1983		1	1.85e-17	0.19	0.853	1	1
3	1971-1973		.6966674	.1232605	-2.04	0.041	.4925195	.9854339
4	2001-2003		8.751453	9.281046	2.05	0.041	1.094884	69.9507
	_rcs1		1.95381	.356845	3.67	0.000	1.365898	2.794771
	_rcs2		1.115148	.127752	0.95	0.341	.8908786	1.395876
	_rcs3		1.03314	.0515882	0.65	0.514	.9368192	1.139364
	_rcs4		.9943713	.0396111	-0.14	0.887	.9196883	1.075119
	_rcs5		1.012543	.0278852	0.45	0.651	.9593382	1.068699
	_rcs_rela1		1.741794	.3308163	2.92	0.003	1.20041	2.527343
	_rcs_rela2		1.14331	.1460212	1.05	0.294	.8901231	1.468512
	_rcs_rela3		1.098546	.0641434	1.61	0.107	.9797538	1.231741
	_rcs_rela4		1.0596	.0443748	1.38	0.167	.9761008	1.150242
	_rcs_rela5		.9869439	.028299	-0.46	0.647	.9330086	1.043997
	_cons		.0242237	.0115054	-7.83	0.000	.0095488	.0614514

Note: Estimates are transformed only in the first equation.

Linear combinations (presented in Table 5)

```
. lincom c.emo_f_lag + c.emo_f_lag#1.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]emo_f_lag + [xb]1.isced_rec#c.emo_f_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	-----+-----					
(1)		.9539286	.1735062	-0.26	0.795	.6678735 1.362503

```
. lincom c.emo_f_lag + c.emo_f_lag#2.isced_rec + 0.sex, eform
```

(1) [xb]0b.sex + [xb]emo_f_lag + [xb]2b.isced_rec#co.emo_f_lag = 0

		exp(b)	Std. err.	z	P> z	[95% conf. interval]
	-----+-----					
(1)		.9760626	.0711532	-0.33	0.740	.8461097 1.125975

```
-----
. lincom c.emo_f_lag + c.emo_f_lag#3.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]emo_f_lag + [xb]3.isced_rec#c.emo_f_lag = 0
```

```
-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1)  |      1.42171   .1438293     3.48   0.001     1.165999     1.733501
-----
```

```
. lincom c.emo_f_lag + c.emo_f_lag#4.isced_rec + 0.sex, eform
```

```
( 1)  [xb]0b.sex + [xb]emo_f_lag + [xb]4.isced_rec#c.emo_f_lag = 0
```

```
-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1)  |      1.213074   .4999257     0.47   0.639     .5408718     2.720696
-----
```

```
. lincom c.emo_f_lag + c.emo_f_lag#1.isced_rec + 1.sex, eform
```

```
( 1)  [xb]1.sex + [xb]emo_f_lag + [xb]1.isced_rec#c.emo_f_lag = 0
```

```
-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
-----+-----
(1)  |      .5972314   .3213064    -0.96   0.338     .2080664     1.714286
-----
```

```
. lincom c.emo_f_lag + c.emo_f_lag#2.isced_rec + 1.sex, eform
```

```
( 1)  [xb]1.sex + [xb]emo_f_lag + [xb]2b.isced_rec#co.emo_f_lag = 0
```

```
-----
      |      exp(b)   Std. err.      z    P>|z|      [95% conf. interval]
```

```

-----+-----
(1) |      .611089      .3216936      -0.94      0.349      .2177756      1.714746
-----

```

```

. lincom c.emo_f_lag + c.emo_f_lag#3.isced_rec + 1.sex, eform

```

```

( 1)  [xb]1.sex + [xb]emo_f_lag + [xb]3.isced_rec#c.emo_f_lag = 0

```

```

-----+-----
      |      exp(b)      Std. err.      z      P>|z|      [95% conf. interval]
-----+-----
(1) |      .8900982      .4599256      -0.23      0.822      .3233037      2.450559
-----

```

```

. lincom c.emo_f_lag + c.emo_f_lag#4.isced_rec + 1.sex, eform

```

```

( 1)  [xb]1.sex + [xb]emo_f_lag + [xb]4.isced_rec#c.emo_f_lag = 0

```

```

-----+-----
      |      exp(b)      Std. err.      z      P>|z|      [95% conf. interval]
-----+-----
(1) |      .7594758      .4959374      -0.42      0.674      .2111931      2.731167
-----

```