

SUPPLEMENTARY MATERIAL

Table 1. Association between childhood social characteristics and all-cause mortality: age-varying hazard ratios and 95% confidence intervals. Uppsala Birth Cohort study, 1915-1929 (N=11 868)

Age (years) intervals No. subjects (no. deaths)	<1 (1915-1929) N=11,868 (713; 6.0%)			1-19 (1916-1948) N=11 149 (486; 4.4%)			20-54 (1935-1983) N=9 882 (767; 7.8%)					
	Minimal HR	Adj. 1 HR	Adj. 2 HR	Minimal HR	Adj. 1 HR	Adj. 2 HR	Minimal HR	Adj. 1 HR	Adj. 2 HR			
	no. deaths	95%CI	95%CI	95%CI	no. deaths	95%CI	95%CI	95%CI	no. deaths	95%CI	95%CI	95%CI
Mother's marital status												
Married (ref)	562				397				644			
Unmarried	151	1.47***	1.47***	1.42**	89	1.25	1.46**	1.44**	123	1.07	1.13	1.16
		1.23,1.76	1.19,1.80	1.10,1.76		0.99,1.57	1.13,1.88	1.10,1.88		0.88,1.30	0.91,1.40	0.92,1.45
Family socioeconomic position												
High (ref)	182				127				200			
Middle	142	0.98	0.94	0.93	106	1.01	1.01	1.00	190	1.18	1.17	1.17
		0.78,1.22	0.75,1.18	0.74,1.17		0.77,1.31	0.78,1.30	0.76,1.30		0.97,1.44	0.96,1.43	0.96,1.43
Low	389	1.21*	1.14	1.05	253	1.11	1.12	1.03	377	1.07	1.05	1.02
		1.01,1.45	0.95,1.38	0.86,1.28		0.89,1.37	0.90,1.41	0.81,1.31		0.90,1.26	0.88,1.26	0.84,1.23

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Age (years) intervals	55-64 (1970-1993)			65-74 (1980-2003)			75+ (1990-2009)					
No. subjects (no. deaths)	N=9 776 (870; 8.9%)			N= 8 882 (1 678; 19.0%)			N= 7 187(3502; 48.7%)					
	Minimal	Adj. 1	Adj. 2	Minimal	Adj. 1	Adj. 2	Minimal	Adj. 1	Adj. 2			
	HR	HR	HR	HR	HR	HR	HR	HR	HR			
no. deaths	95%CI	95%CI	95%CI	no. deaths	95%CI	95%CI	95%CI	no. deaths	95%CI	95%CI	95%CI	
Mother's marital status												
Married (ref)	743			1399				2928				
Unmarried	127	0.97	1.04	0.94	279	1.13	1.15	1.11	574	1.23***	1.24***	1.21***
		0.80,1.17	0.85,1.29	0.75,1.17		0.99,1.29	1.00,1.33	0.95,1.29		1.12,1.34	1.12,1.37	1.09,1.34
Family socioeconomic position												
High (ref)	205			418				928				
Middle	195	1.21	1.22	1.22	401	1.26**	1.25**	1.25**	796	1.12*	1.11*	1.11*
		0.99,1.48	1.00,1.50	1.00,1.45		1.10,1.45	1.09,1.44	1.09,1.44		1.02,1.24	1.01,1.23	1.01,1.23
Low	470	1.32***	1.36***	1.38***	859	1.22***	1.22**	1.19**	1778	1.18***	1.15***	1.12*
		1.12,1.57	1.14,1.62	1.15,1.65		1.09,1.38	1.08,1.38	1.05,1.36		1.09,1.27	1.06,1.25	1.01,1.20

* $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.

Note: Minimal (subject's sex and birth year), Adjusted 1 (minimal + birthweight, gestational age, parity and maternal age), Adjusted 2 (Partial + mutually adjusted for familial socioeconomic position and marital status).

Abbreviations: Number (No), Hazard Ratio (HR), CI (Confidence Intervals)

Note: No interactions were found between family socioeconomic status and mother's marital status at any age intervals (P -value > 0.01)

Table 2. Association between childhood social characteristics and all-cause mortality: age-varying hazard ratios and 95% confidence intervals. Uppsala Birth Cohort study, 1915-1929 (N=9450)

Age (years) intervals		55-64 (1970-1993)				65-74 (1980-2003)				75+ (1990-2009)					
No. subjects (no. deaths)		9450 (820; 8.7%)				8616 (1,595; 19.0%)				7005 (3,778; 48%)					
	No. D	Minimal HR	Adj.1 HR	Adj.2 HR	Adj.2.+adult HR	No. D	Minimal HR	Adj.1 HR	Adj.2 HR	Adj.2.+adult HR	No. D	Minimal HR	Adj.1 HR	Adj.2 HR	Adj.2.+adult HR
		95%CI	95%CI	95%CI	95%CI		95%CI	95%CI	95%CI	95%CI		95%CI	95%CI	95%CI	95%CI
Childhood characteristics															
Mother's marital status															
Married (ref)	703					1333					2839				
Unmarried	117	0.95	1.02	0.92	0.88	262	1.12	1.13	1.06	1.06	555	1.22***	1.23***	1.19**	1.16**
		0.78,1.16	0.82,1.27	0.73,1.16	0.70,1.16		0.98,1.28	0.97,1.30	0.93,1.27	0.90,1.23		1.11,1.34	1.11,1.35	1.07,1.33	1.05,1.29
Family socioeconomic position															
High (ref)	196					397					888				
Middle	183	1.18	1.19	1.19	1.22	381	1.25**	1.24**	1.24**	1.25**	775	1.14**	1.13*	1.13*	1.14**
		0.96,1.46	0.97,1.47	0.97,1.47	0.99,1.50		1.08,1.44	1.08,1.43	1.08,1.43	1.08,1.45		1.04,1.26	1.05,1.25	1.02,1.25	1.04,1.26
Low	441	1.29**	1.32**	1.35**	1.30**	817	1.22**	1.19**	1.19**	1.15*	1731	1.19***	1.16***	1.12*	1.10*
		1.09,1.53	1.11,1.58	1.12,1.62	1.08,1.56		1.08,1.37	1.04,1.36	1.04,1.36	1.00,1.31		1.09,1.29	1.07,1.27	1.02,1.22	1.01,1.20
Adult characteristics															
Education															
Low (ref)	546					1023					2048				
High	274				0.75***	572				0.76***	1346				0.91*
					0.64,0.88					0.68,0.85					0.85,0.99
Occupation															
Disadvantaged (ref)	487					894					1745				
Advantaged	333				0.92	701				0.94	1649				0.93
					0.79,1.08					0.84,1.06					0.86,1.00
Income (tertiles)															
Lowest (ref)	333					576					1075				
Middle	246				0.77**	527				0.93	1175				1.00
					0.65,0.92					0.82,1.04					0.92,1.09
Highest	241				0.85	492				0.93	1144				0.91*
					0.71,1.01					0.82,1.06					0.83,0.99
Marital status															
Married (ref)	651					1306					2850				
Unmarried	169				1.37***	289				1.24**	544				1.32***
					1.15,1.63					1.09,1.41					1.20,1.46

Note: No interactions were found between subject's gender and (early and adult) socioeconomic characteristics on mortality at any age intervals (all P-values >0.05). Minimal (subject's sex and birth year), Adjusted 1 (minimal + birthweight, gestational age, parity and maternal age), Adjusted 2 (Partial + mutually adjusted for familial socioeconomic position and marital status). Abbreviations: Number (No), Hazard Ratio (HR), CI (Confidence Intervals), No. D (Number of Deaths). In a sensitivity analysis we disaggregated marital status in adulthood further and we found that the strength of the association is slightly higher among divorced than among single mothers and there was not enough statistical power to draw any conclusion for widows