

**SUPPLEMENTARY TABLE****Table S1**– Data structure of number of individuals according to age, survey and cohort

Cohort	Survey Year	Age Group								Total
		15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-85 years	>85 years	
1906-15	1968				171	690				861
	1974					434	303			737
	1981						614	51		665
	1991/1992							399		399
	2000/2002								135	135
	2010/2011								20	20
1925-34	1968		90	770						860
	1974			418	373					791
	1981				594	140				734
	1991/1992					508	120			628
	2000/2002						483	52		535
	2010/2011							397	36	433
1944-53	1968	1,126								1,126
	1974	358	705							1,063
	1981		659	339						998
	1991/1992			598	307					905
	2000/2002				675	169				844
	2010/2011					535	158			693
1957-66	1981	878								878
	1991/1992		804							804
	2000/2002		12	735						747
	2010/2011			12	592					604
1970-81	2000/2002	344	418							762
	2010/2011		344	418						762
Total		2,706	3,032	3,290	2,712	2,476	1,678	899	191	16,984

**Note:** repeated measures of the same individuals in survey years were identified as clusters using Generalized Estimating Equations. In addition, age groups and cohorts were included as variables in the regression models.

Table S2- Prevalence Ratio (PR and 95% confidence intervals) between poor and not poor in a time-varying indicator for three health outcomes according to age and socioeconomic group in five Swedish cohorts over 1968 to 2011.

	Teeth not in good conditions			Psychological Distress			Musculoskeletal Pain		
	PR	(95% CI)		PR	(95% CI)		PR	(95% CI)	
Time-Varying Indicator: Cumulative Poverty over life									
15-24 years	1.33	1.04	1.69	1.86	1.30	2.66	1.31	0.95	1.80
25-34 years	1.33	1.13	1.56	1.78	1.35	2.35	1.45	1.17	1.79
35-44 years	1.18	1.06	1.32	1.66	1.33	2.07	1.61	1.35	1.92
45-54 years	1.16	1.05	1.28	1.81	1.44	2.26	1.69	1.43	2.00
55-64 years	1.08	0.98	1.18	1.66	1.35	2.04	1.48	1.26	1.74
65-74 years	1.04	0.95	1.15	1.51	1.21	1.88	1.36	1.16	1.61
75-85 years	1.08	0.96	1.21	1.26	1.01	1.58	1.29	1.08	1.55
>85 years	1.03	0.81	1.31	1.33	0.82	2.13	1.14	0.73	1.79
p-value	0.003			<0.01			0.62		

Table S3- Prevalence differences (PD and 95% confidence intervals) between poor and not poor in a time-varying indicator for three health outcomes according to age and socioeconomic group in five Swedish cohorts over 1968 to 2011.

	Teeth not in good conditions			Psychological Distress			Musculoskeletal Pain		
	PD	(95% CI)		PD	(95% CI)		PD	(95% CI)	
Time-Varying Indicator: Cumulative Poverty over life									
15-24 years	0.06	0.01	0.10	0.05	0.01	0.08	0.03	-0.01	0.07
25-34 years	0.10	0.06	0.14	0.06	0.03	0.09	0.07	0.03	0.11
35-44 years	0.10	0.06	0.14	0.06	0.03	0.09	0.10	0.07	0.14
45-54 years	0.10	0.06	0.13	0.14	0.11	0.17	0.14	0.10	0.18
55-64 years	0.06	0.03	0.09	0.21	0.18	0.24	0.12	0.08	0.16
65-74 years	0.04	0.01	0.06	0.19	0.16	0.22	0.10	0.06	0.15
75-85 years	0.05	0.02	0.09	0.11	0.06	0.15	0.11	0.05	0.16
>85 years	0.03	-0.02	0.09	0.24	0.14	0.34	0.05	-0.09	0.20
p-value	0.003			0.062			0.03		

Note: Psychological Distress models did not achieved convergence, coefficients are not reliable