

Table A1. Proportional hazards tests (p-values of Chi-sq)

A. Men

Model with class and income

	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Class						
Higher managers/professionals	ref	ref	ref	ref	ref	ref
Lower white-collar workers	0.092	0.886	0.477	0.142	0.336	0.416
Medium-skilled workers	0.980	0.959	0.707	0.039	0.949	0.554
Lower-skilled workers	0.498	0.735	0.828	0.152	0.822	0.259
Unskilled workers	0.555	0.843	0.338	0.478	0.877	0.520
Farmers	0.595	0.575	0.498	0.509	0.307	0.556
NA	0.603	0.195	0.773	0.002	0.000	0.000
Income						
Percentile 0-20			ref	ref	ref	ref
Percentile 20-40			0.060	0.137	0.000	0.503
Percentile 40-60			0.000	0.000	0.001	0.305
Percentile 60-80			0.000	0.000	0.001	0.001
Percentile 80-100			0.000	0.000	0.000	0.000
global test	0.556	0.198	0.000	0.000	0.000	0.000

Model with occupation and income

	1813-1864	1865-1904	1905-1947	1948-1967	1968-1989	1990-2011
Occupation						
Non-manual	ref	ref	ref	ref	ref	ref
Manual	0.242	0.754	0.078	0.555	0.280	0.517
NA	0.470	0.104	0.759	0.003	0.000	0.000
Income						
Percentile 0-20			ref	ref	ref	ref
Percentile 20-40			0.058	0.133	0.000	0.476
Percentile 40-60			0.000	0.000	0.001	0.288
Percentile 60-80			0.000	0.000	0.002	0.000
Percentile 80-100			0.000	0.000	0.000	0.000

global test	0.493	0.044	0.000	0.000	0.000	0.000
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B. Women

Model with class and income

	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Class						
Higher managers/professionals	ref	ref	ref	ref	ref	ref
Lower white-collar workers	0.690	0.669	0.666	0.523	0.929	0.685
Medium-skilled workers	0.272	0.224	0.257	0.480	0.417	0.131
Lower-skilled workers	0.443	0.179	0.930	0.270	0.329	0.222
Unskilled workers	0.485	0.185	0.914	0.831	0.758	0.511
Farmers	0.441	0.204	0.472	0.766	0.394	0.255
NA	0.286	0.334	0.815	0.108	0.000	0.000
Income						
Percentile 0-20			ref	ref	ref	ref
Percentile 20-40			1.000	0.884	0.140	0.548
Percentile 40-60			0.839	0.680	0.164	0.730
Percentile 60-80			0.124	0.889	0.415	0.425
Percentile 80-100			0.485	0.005	0.700	0.019
global test	0.619	0.779	0.465	0.004	0.000	0.000

Model with occupation and income

	1813-1864	1865-1904	1905-1947	1948-1967	1968-1989	1990-2011
Occupation						
Non-manual	ref	ref	ref	ref	ref	ref
Manual	0.138	0.136	0.731	0.914	0.144	0.028
NA	0.074	0.396	0.427	0.091	0.000	0.000
Income						
Percentile 0-20						
Percentile 20-40				0.792	0.125	0.524

Percentile 40-60			0.770	0.758	0.143	0.730
Percentile 60-80			0.165	0.794	0.394	0.408
Percentile 80-100			0.378	0.003	0.651	0.014
global test	0.200	0.270	0.350	0.002	0.000	0.000

Table A2, Sensitivity analysis, Hazard ratios, 30-89 years

1. Occupation and income in same model

Occupation	Men						Women					
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual			1	1	1	1			1	1	1	1
Manual			0.826**	0.830***	0.949	1.054*			0.964	0.996	1.080*	1.140***
NA			0.671***	0.870	1.511***	1.727**			0.851	1.145	1.166**	1.521***
Income (mean over last 3 years)												
Percentile 0-20			2.640***	1.215**	1.346***	1.556***			1.737***	1.522***	1.549***	1.301***
Percentile 20-40			1.191	1.606***	1.352***	1.458***			#	1.509***	1.286***	1.253***
Percentile 40-60			0.888	1.175*	1.736***	1.385***			0.953	1.253**	1.299***	1.309***
Percentile 60-80			1.009	1.016	1.113**	1.215***			1.098	1.242**	1.129*	1.217***
Percentile 80-100			1	1	1	1			1	1	1	1

2. Own SES (separate model for each outcome)

Occupation	Men						Women					
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual	1	1	1	1	1	1	1	1	1	1	1	1
Manual	0.955	0.887	0.963	0.950	1.032	1.120***	1.325	1.254	1.105	1.042	1.139***	1.194***
NA	1.109	0.854	0.921	1.008	1.662***	1.921***	1.091	1.416*	1.082	1.316***	1.394***	1.528***
Class												
Higher managers/professionals	1	1	1	1	1	1	1	1	1	1	1	1
Lower white-collar workers	0.942	0.864	1.076	0.922	1.121*	1.089*	0.645	1.314	1.013	1.049	1.103	1.025
Medium-skilled workers	0.920	0.651*	1.033	0.815*	1.152**	1.188***	1.064	1.249	1.080	1.076	1.270***	1.362***
Lower-skilled workers	0.758	0.821	0.986	0.896	1.118*	1.221***	0.854	1.432	1.046	1.036	1.253***	1.159*
Unskilled workers	1.267	0.955	1.067	1.085	1.207**	1.340***	0.946	1.465	1.238	1.182	1.129	1.270***
Farmers	0.816	0.792	1.008	0.954	0.916	1.014	0.899	1.586*	1.224	1.136	1.240	0.941
NA	1.012	0.781	0.973	0.961	1.819***	2.064***	0.872	1.644*	1.092	1.365**	1.508***	1.562***
Income (mean over last 3 years)												
Percentile 0-20			2.473***	1.188*	1.695***	1.748***			3.089***	1.516***	1.370***	1.523***
Percentile 20-40			1.166	1.774***	1.408***	1.587***			1.430**	1.483***	1.341***	1.341***
Percentile 40-60			0.838	1.224**	1.249***	1.340***			1.406***	1.262***	1.194***	1.194***
Percentile 60-80			0.995	0.963	1.135***	1.135***			1.305***	1.127**	1.152***	1.152***
Percentile 80-100			1	1	1	1			1	1	1	1

3. Income measured the previous year

Occupation	Men						Women					
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Percentile 0-20			2.539***	1.626**	1.564***	1.748***			1.111***	1.556***	1.624***	1.510***
Percentile 20-40			0.803	1.215**	1.346***	1.451***			0.601*	1.134***	1.280***	1.369***
Percentile 40-60			0.862	1.052	1.206***	1.379***			0.934	1.204*	1.230***	1.381***
Percentile 60-80			0.977	0.855*	1.078	1.138***			1.036	1.104	1.225***	1.253***
Percentile 80-100			1	1	1	1			1	1	1	1

4. Sample excluding Landskrona (separate model for each outcome)

Occupation	Men						Women					
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual	1	1	1	1	1	1	1	1	1	1	1	1
Manual	0.959	0.889	0.967	0.838	0.918	1.102	1.182	1.179	1.061	1.129	1.388***	1.052
NA	1.125	0.802	0.909	0.776	1.272	1.822***	1.242	1.799	1.028	1.187	1.562***	1.559***
Class												
Higher managers/professionals	1	1	1	1	1	1	1	1	1	1	1	1
Lower white-collar workers	0.934	0.818	1.013	0.657**	0.998	1.027	0.671	1.364	0.983	0.764	0.881	0.990
Medium-skilled workers	0.914	0.638**	1.010	0.616**	0.915	1.072	0.877	1.291	0.985	0.894	1.336	1.141
Lower-skilled workers	0.756	0.811	0.928	0.561***	0.924	1.164	0.933	1.415	1.063	0.849	1.190	1.053
Unskilled workers	1.309	0.910	1.070	0.809	1.065	1.283	0.993	1.476*	1.159	1.263	1.167	1.148
Farmers	0.803	0.781	0.948	0.604**	0.865	1.091	0.894	1.417	1.021	0.915	1.314	0.840
NA	1.021	0.716	0.920	0.574**	1.279	1.877***	0.980	1.555*	1.025	0.947	1.415	1.589***
Income (mean over last 3 years)												
Percentile 0-20			2.420***	0.632**	1.434***	1.674***			1.662***	1.126	1.491***	1.378***
Percentile 20-40			1.100	1.282	1.441***	1.399***			0	1.107	1.370**	1.326***
Percentile 40-60			0.831	0.993	1.142	1.378***			0.928	0.968	1.280*	1.389***
Percentile 60-80			0.959	0.942	1.043	1.196*			1.083	1.106	0.978	1.194*
Percentile 80-100			1	1	1	1			1	1	1	1

5. Whole population regardless of location in Sweden (1968-2011, separate model for each outcome)

Occupation	Men						Women					
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual					1	1					1	1
Manual					1.046***	1.257***					1.182***	1.241***
NA					1.798***	2.378***					1.508***	1.787***
Class												
Higher managers/professionals					1	1					1	1
Lower white-collar workers					1.163**	1.177**					1.063	1.173**
Medium-skilled workers					1.227**	1.314**					1.246**	1.465**
Lower-skilled workers					1.197**	1.368**					1.243**	1.423**
Unskilled workers					1.428**	1.419**					1.325**	1.520**

Farmers				0.914**	1.103***				1.133**	1.160***
NA				2.038***	2.119***				1.586***	2.040***
Income (mean over last 3 years)										
Percentile 0-20				1.538***	1.809***				1.586***	1.621***
Percentile 20-40				1.420***	1.395***				1.405***	1.326***
Percentile 40-60				1.199***	1.298***				1.311***	1.345***
Percentile 60-80				1.197***	1.194***				1.247***	1.217***
Percentile 80-100				1	1				1	1

6. Age group 30-59 (separate model for each outcome)

Occupation	Men					Women						
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual												
Manual	1.048	0.874	1.011	0.939	1.212**	1.151	1.791*	1.329	1.030	1.135	1.248**	1.493***
NA	1.309	1.155	1.692**	1.373	4.008***	3.794***	2.075**	1.319	1.481*	2.013***	3.052***	5.031***
Class												
Higher managers/professionals	1	1	1	1	1	1	1	1	1	1	1	1
Lower white-collar workers	0.653	0.702	1.209	1.275	1.163	1.027	0.637	1.571	0.968	1.117	0.971	1.054
Medium-skilled workers	0.889	0.567*	1.364	1.093	1.366*	0.975	1.276	0.656	1.240	0.656	1.354	1.425
Lower-skilled workers	0.693	0.643	0.863	1.052	0.867	0.457	1.155	1.697	1.115	0.816	0.888	2.097
Unskilled workers	0.706	0.735	1.231	1.134	1.438*	1.234	1.340	1.938	1.095	1.267	1.185	1.625**
Farmers	1.141	0.854	1.177	1.214	1.556*	1.743**	1.357	1.870	1.277	1.204	1.031	1.436
NA	1.014	0.933	1.914*	1.658*	4.676***	3.923***	1.532	1.784	1.432	2.189***	2.958***	5.245***
Income (mean over last 3 years)												
Percentile 0-20			21.46***	1.699***	2.406***	4.447***			2.091***	2.134***	1.726***	3.543***
Percentile 20-40			1.989	2.669***	1.392**	2.578***			0	1.968***	1.357*	1.572**
Percentile 40-60			0.650	1.412**	1.408**	1.838***			1.065	1.739***	1.162	1.729***
Percentile 60-80			0.836	1.191	1.314*	1.543**			1.373	1.662***	1.124	1.566**
Percentile 80-100			1	1	1	1			1	1	1	1

7. Age group 60-89 (separate model for each outcome)

Occupation	Men					Women						
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual												
Manual	0.840	0.896	0.954	0.864**	0.992	1.155***	0.821	1.074	1.076	1.049	1.139***	1.187***
NA	0.978	0.569**	0.765*	0.867	1.129	1.474***	0.765	1.260	0.976	1.188	1.313***	1.347***
Class												
Higher managers/professionals	1	1	1	1	1	1	1	1	1	1	1	1
Lower white-collar workers	1.635	0.939	0.947	0.801	1.166**	1.078	0.638	1.297	0.993	0.993	1.109	1.127**
Medium-skilled workers	1.125	0.700	0.903	0.606**	1.161**	1.219***	0.915	1.173	1.128	0.975	1.211**	1.347***
Lower-skilled workers	1.096	0.869	0.938	0.804	0.912	1.084	0.612	1.271	1.000	1.061	1.330**	1.049
Unskilled workers	0.949	0.860	0.838	0.731**	1.077	1.257***	0.348	1.197	1.063	1.035	1.231**	1.305***
Farmers	1.640	0.975	1.083	0.923	1.231**	1.581***	0.655	1.293	1.123	1.229	1.278**	1.412***
NA	1.259	0.549**	0.742	0.750	1.274**	1.580***	0.565	1.444	0.973	1.182	1.320***	1.688***
Income (mean over last 3 years)												
Percentile 0-20			1.108	1.023	1.460***	1.652***			1.546***	1.409**	1.625***	1.453***
Percentile 20-40			0.932	1.005	1.327***	1.438***				1.419***	1.336***	1.343***
Percentile 40-60			0.910	0.966	1.184***	1.383***			0.908	1.122	1.316***	1.354***
Percentile 60-80			0.945	0.861	1.069	1.198***			0.995	1.104	1.155**	1.229***
Percentile 80-100			1	1	1	1			1	1	1	1

8. Only married 30-89 (separate model for each outcome)

Occupation	Men					Women						
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Non-manual												
Manual	0.964	0.978	0.976	0.864**	1.015	1.137***	1.260	1.155	1.040	1.029	1.135**	1.241***
NA	1.280	1.127	0.939	1.161	1.637***	1.666***	1.745*	1.119	0.705	1.184	1.351**	1.354**
Class												
Higher managers/professionals	1	1	1	1	1	1	1	1	1	1	1	1
Lower white-collar workers	0.889	0.842	1.199	1.072	1.134*	1.084	0.644	1.920	0.853	1.021	1.098	1.236**
Medium-skilled workers	0.935	0.707	1.117	0.826	1.178**	1.190**	0.994	1.565	0.854	0.895	1.211	1.375***
Lower-skilled workers	0.832	0.836	1.053	0.809	0.839	1.045	0.925	1.714	0.841	1.340	1.077	1.295
Unskilled workers	0.812	0.908	1.072	0.860	1.073	1.228***	1.017	1.847	1.032	1.131	1.383**	1.609***
Farmers	1.125	1.125	1.338	1.083	1.234**	1.939***	0.805	2.049*	0.986	1.187	1.063	1.556**
NA	1.160	1.021	1.067	1.179	1.803***	1.798***	1.316	1.742	0.826	1.208	1.491**	1.616***
Income (mean over last 3 years)												
Percentile 0-20			4.544***	1.211*	1.376***	1.595***			1.117*	1.636***	1.715***	1.471***
Percentile 20-40			1.307	1.414***	1.295***	1.494***				2.259***	1.384***	1.439***
Percentile 40-60			1.124	1.134	1.211**	1.429***			0.005	1.544***	1.341***	1.595***
Percentile 60-80			1.114	1.031	1.139**	1.179***			1.214	1.178**	1.172*	1.368***
Percentile 80-100			1	1	1	1			1	1	1	1

9. 1911-1949 (separate model for each outcome)

Occupation	Men				Women							
	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011	1813-1864	1865-1904	1905-1949	1950-1967	1968-1989	1990-2011
Income (mean over last 3 years)												
Percentile 0-20			2.499***						1.596***			
Percentile 20-40			1.309						0.653			
Percentile 40-60			0.956						0.933			
Percentile 60-80			0.949						1.064			
Percentile 80-100			1						1			

Note: All models control for year of birth, migration status, civil status and parish of residence.
Included in O 20