SUPPLEMENTAL MATERIAL

Supplemental Tables

Supplemental table I. Modified Poisson regression (Model 3). EMS-witnessed cases (n=5115)

term	RR	95% CI, lower limit	95% CI, upper limit	P-Value
Education				
Primary (ref)	1.000			
Secondary	0.998	0.889	1.120	0.96689
Post-secondary <=2y	1.155	0.956	1.394	0.13453
Post-secondary 3y	0.976	0.759	1.255	0.84844
Post-secondary >=4y	1.105	0.861	1.420	0.43239
Income				
Q1 (ref)	1			
Q2	0.998	0.830	1.199	0.97923
Q3	0.901	0.746	1.088	0.28043
Q4	1.092	0.922	1.293	0.30872
Q5	1.229	1.045	1.444	0.01243
splines(Age, df=4)1	1.011	0.641	1.595	0.96076
splines(Age, df=4)2	0.507	0.322	0.796	0.00321
splines(Age, df=4)3	0.464	0.168	1.286	0.13981
splines(Age, df=4)4	0.103	0.037	0.289	0.00002
Female sex	0.802	0.710	0.905	0.00036
Unmarried	0.842	0.725	0.977	0.02350
Divorced	0.967	0.841	1.111	0.63689
Widowed	0.869	0.698	1.082	0.20838
YEAR	1.013	0.989	1.037	0.29201
Retired	0.976	0.779	1.222	0.83105
CCI score	0.894	0.865	0.924	0.00000

Supplemental table II. Baseline characteristics by educational level.

Educational level	1 Primary	2 Secondary	3 Post-secondary <=2y	4 Post-secondary 3y	5 Post-secondary >=4y	SMD	Missing
n	13210	12841	2444	1464	1414		
Age (median [IQR])	75 [65, 84]	70 [59, 79]	69 [59, 78]	70 [60, 80]	71 [62, 81]	0.172	0.0
Female Sex	4564 (34.5)	4052 (31.6)	732 (30.0)	477 (32.6)	331 (23.4)	0.110	0.0
Civil status							
Married	6462 (49.2)	6343 (49.6)	1352 (56.1)	813 (56.1)	878 (62.8)	0.136	0.5
Unmarried	2689 (20.5)	2905 (22.7)	476 (19.7)	289 (19.9)	208 (14.9)	0.084	0.5
Divorced	1900 (14.5)	2303 (18.0)	402 (16.7)	207 (14.3)	207 (14.8)	0.053	0.5
Widow/widowed	2095 (15.9)	1246 (9.7)	182 (7.5)	141 (9.7)	106 (7.6)	0.121	0.5
Retired	9996 (75.7)	8120 (63.2)	1494 (61.1)	951 (65.0)	949 (67.1)	0.143	0.0
Year						0.062	0.0
2010	1445 (10.9)	1344 (10.5)	238 (9.7)	150 (10.2)	153 (10.8)		
2011	1605 (12.1)	1475 (11.5)	294 (12.0)	167 (11.4)	157 (11.1)		
2012	1666 (12.6)	1459 (11.4)	271 (11.1)	186 (12.7)	149 (10.5)		
2013	1678 (12.7)	1597 (12.4)	311 (12.7)	184 (12.6)	180 (12.7)		
2014	1657 (12.5)	1633 (12.7)	310 (12.7)	176 (12.0)	188 (13.3)		
2015	1707 (12.9)	1746 (13.6)	321 (13.1)	208 (14.2)	186 (13.2)		
2016	1705 (12.9)	1771 (13.8)	339 (13.9)	201 (13.7)	201 (14.2)		
2017	1747 (13.2)	1816 (14.1)	360 (14.7)	192 (13.1)	200 (14.1)		
Time, call - arrival	10 [6, 15]	9 [6, 15]	9 [6, 15]	9 [6, 14]	9 [6, 14]	0.038	4.7
Time, collapse - call	3 [1, 6]	2 [1, 6]	2 [1, 6]	2 [1, 6]	2 [1, 6]	0.017	32.4
Public location	3206 (24.3)	3526 (27.5)	729 (29.9)	433 (29.6)	438 (31.0)	0.071	0.0
Witnessed OHCA	8065 (62.4)	7539 (60.0)	1475 (61.8)	905 (63.3)	887 (63.8)	0.038	2.1
Cardiac cause	10836 (85.7)	10347 (84.1)	1994 (84.6)	1193 (85.0)	1159 (85.5)	0.023	4.1
Shockable rhythm	2697 (20.9)	2896 (23.1)	617 (25.9)	362 (25.3)	386 (27.9)	0.079	2.2
Bystander CPR	7615 (57.7)	7631 (59.4)	1466 (60.0)	892 (60.9)	892 (63.1)	0.051	0.0
First responder CPR	3165 (28.9)	2943 (27.3)	582 (28.1)	323 (25.8)	300 (25.1)	0.044	16.3
CCI						0.087	0.0
0-1	7057 (53.4)	7359 (57.3)	1462 (59.8)	884 (60.4)	796 (56.3)		
2-3	5124 (38.8)	4482 (34.9)	779 (31.9)	465 (31.8)	514 (36.4)		
4-6	753 (5.7)	743 (5.8)	138 (5.6)	86 (5.9)	73 (5.2)		
7-15	276 (2.1)	257 (2.0)	65 (2.7)	29 (2.0)	31 (2.2)		
Alive day 1	2506 (19.0)	2877 (22.4)	614 (25.1)	373 (25.5)	363 (25.7)	0.079	0.0
Alive day 30	945 (7.2)	1154 (9.0)	301 (12.3)	171 (11.7)	185 (13.1)	0.101	0.0
Alive 1 year	830 (6.3)	1052 (8.2)	276 (11.3)	160 (10.9)	159 (11.2)	0.092	0.0

Full regression models

Supplemental table III. Income model 1

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0795	0.0718	31351.8	0.2683	1.083	0.941	1.246
Income Q3	0.1976	0.0684	31351.7	0.0039	1.218	1.066	1.393
Income Q4	0.4143	0.0617	31344.4	0.0000	1.513	1.341	1.708
Income Q5	0.6319	0.0589	31321.6	0.0000	1.881	1.676	2.111
ns(Age, df = 4)1	-0.7096	0.1228	31087.0	0.0000	0.492	0.387	0.626
ns(Age, df = 4)2	-1.3380	0.1754	31300.2	0.0000	0.262	0.186	0.370
ns(Age, df = 4)3	-2.7967	0.3450	31285.6	0.0000	0.061	0.031	0.120
ns(Age, df = 4)4	-4.2385	0.6111	31351.1	0.0000	0.014	0.004	0.048
Female sex	-0.3834	0.0447	31342.8	0.0000	0.682	0.624	0.744
Unmarried	-0.1499	0.0525	23023.6	0.0043	0.861	0.777	0.954
Divorced	-0.0906	0.0553	29295.7	0.1014	0.913	0.820	1.018
Widow	0.2563	0.0803	29618.4	0.0014	1.292	1.104	1.512
Year	0.0215	0.0078	31351.2	0.0060	1.022	1.006	1.038
Retirement	0.0281	0.0829	31351.8	0.7350	1.028	0.874	1.210

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table IV. Income model 2

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0847	0.0717	31348.8	0.2373	1.088	0.946	1.253
Income Q3	0.2123	0.0684	31348.4	0.0019	1.237	1.081	1.414
Income Q4	0.4361	0.0616	31340.4	0.0000	1.547	1.371	1.745
Income Q5	0.6645	0.0589	31318.2	0.0000	1.944	1.732	2.182
ns(Age, df = 4)1	-0.7647	0.1233	31097.8	0.0000	0.465	0.366	0.593
ns(Age, df = 4)2	-1.4442	0.1763	31297.7	0.0000	0.236	0.167	0.333
ns(Age, df = 4)3	-2.9377	0.3453	31280.9	0.0000	0.053	0.027	0.104
ns(Age, df = 4)4	-4.3835	0.6115	31348.1	0.0000	0.012	0.004	0.041
Female sex	-0.3591	0.0447	31339.1	0.0000	0.698	0.640	0.762
Unmarried	-0.1516	0.0526	23273.3	0.0040	0.859	0.775	0.953
Divorced	-0.0915	0.0552	28980.8	0.0971	0.913	0.819	1.017
Widow	0.2601	0.0801	29711.4	0.0012	1.297	1.109	1.518
Year	0.0216	0.0078	31348.3	0.0058	1.022	1.006	1.038
Retirement	0.0213	0.0826	31348.8	0.7967	1.022	0.869	1.201
CCI 2-3	0.3657	0.0382	31348.8	0.0000	1.442	1.338	1.554
CCI 4-6	-0.4492	0.1122	31348.8	0.0001	0.638	0.512	0.795
CCI >7	-0.4637	0.1799	31348.8	0.0100	0.629	0.442	0.895

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table V. Income model 3 (same as education model 3)

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0894	0.0717	31344.8	0.2126	1.093	0.950	1.258
Income Q3	0.2098	0.0683	31344.7	0.0021	1.233	1.079	1.410
Income Q4	0.4184	0.0619	31337.2	0.0000	1.520	1.346	1.716
Income Q5	0.6193	0.0598	31318.3	0.0000	1.858	1.652	2.089
ns(Age, df = 4)1	-0.7542	0.1231	31102.9	0.0000	0.470	0.370	0.599
ns(Age, df = 4)2	-1.4523	0.1761	31293.7	0.0000	0.234	0.166	0.331
ns(Age, df = 4)3	-2.9251	0.3450	31279.6	0.0000	0.054	0.027	0.106
ns(Age, df = 4)4	-4.3595	0.6105	31344.0	0.0000	0.013	0.004	0.042
Female sex	-0.3602	0.0447	31336.1	0.0000	0.698	0.639	0.761
Unmarried	-0.1431	0.0524	23421.6	0.0063	0.867	0.782	0.960
Divorced	-0.0905	0.0551	28770.3	0.1004	0.913	0.820	1.018
Widow	0.2680	0.0801	29615.2	0.0008	1.307	1.117	1.530
Year	0.0204	0.0078	31344.1	0.0093	1.021	1.005	1.036
Retirement	0.0211	0.0826	31344.8	0.7984	1.021	0.869	1.201
CCI 2-3	0.3683	0.0382	31344.8	0.0000	1.445	1.341	1.558
CCI 4-6	-0.4470	0.1122	31344.8	0.0001	0.640	0.513	0.797
CCI >7	-0.4722	0.1798	31344.8	0.0086	0.624	0.438	0.887
Primary education	ref				ref		
Secondary education	-0.0129	0.0421	31344.8	0.7601	0.987	0.909	1.072
Post-secondary 2y	0.2277	0.0616	31344.8	0.0002	1.256	1.113	1.417
Post-secondary 3y	0.1964	0.0770	31344.8	0.0107	1.217	1.047	1.415
Post-secondary 4y	0.2561	0.0747	31344.8	0.0006	1.292	1.116	1.496

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table VI. Income model 4 (same as education model 4)

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0165	0.0687	30785.7	0.8095	1.017	0.889	1.163
Income Q3	0.1389	0.0653	30806.1	0.0336	1.149	1.011	1.306
Income Q4	0.2902	0.0584	30092.4	0.0000	1.337	1.192	1.499
Income Q5	0.4430	0.0571	30807.9	0.0000	1.557	1.392	1.742
ns(Age, df = 4)1	-1.0603	0.1162	30168.5	0.0000	0.346	0.276	0.435
ns(Age, df = 4)2	-1.7079	0.1676	31279.0	0.0000	0.181	0.131	0.252
ns(Age, df = 4)3	-3.7539	0.3362	30347.6	0.0000	0.023	0.012	0.045
ns(Age, df = 4)4	-4.2167	0.5903	31252.5	0.0000	0.015	0.005	0.047
Female sex	-0.1456	0.0435	28901.3	0.0008	0.865	0.794	0.941
Unmarried	-0.1827	0.0481	17693.2	0.0001	0.833	0.758	0.915
Divorced	-0.1282	0.0512	24956.6	0.0124	0.880	0.796	0.973
Widow	0.1278	0.0778	25164.1	0.1005	1.136	0.976	1.323
Year	0.0271	0.0075	30831.4	0.0003	1.027	1.013	1.043
Retirement	0.0507	0.0768	31051.6	0.5088	1.052	0.905	1.223
CCI 2-3	0.3503	0.0359	30977.4	0.0000	1.419	1.323	1.523
CCI 4-6	-0.2837	0.1100	31325.0	0.0099	0.753	0.607	0.934
CCI >7	-0.3356	0.1718	31313.0	0.0508	0.715	0.510	1.001
Primary education	ref				ref		
Secondary education	-0.0112	0.0400	31179.5	0.7796	0.989	0.914	1.070
Post-secondary 2y	0.1636	0.0582	30624.9	0.0050	1.178	1.051	1.320
Post-secondary 3y	0.1076	0.0713	30616.4	0.1310	1.114	0.968	1.281
Post-secondary 4y	0.1322	0.0706	29461.2	0.0611	1.141	0.994	1.311
ns(call_arrival, df = 4)1	-0.9640	0.0877	15605.1	0.0000	0.381	0.321	0.453
ns(call_arrival, df = 4)2	-1.5671	0.1663	1502.8	0.0000	0.209	0.151	0.289
ns(call_arrival, df = 4)3	-1.6706	0.2399	12944.0	0.0000	0.188	0.118	0.301
ns(call_arrival, df = 4)4	-0.7086	0.3045	3472.1	0.0200	0.492	0.271	0.894
witnessed	1.2365	0.0537	14176.0	0.0000	3.444	3.099	3.826
public	0.8541	0.0371	25896.6	0.0000	2.349	2.184	2.526
cardiac	0.3760	0.0600	2132.5	0.0000	1.456	1.295	1.638
FirstRCPR	0.1870	0.0451	2088.4	0.0000	1.206	1.103	1.317
ByCPR	0.4475	0.0422	29180.8	0.0000	1.564	1.440	1.699

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table VII. Income model 5 (same as education model 5)

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0130	0.0660	22931.3	0.8442	1.013	0.890	1.153
Income Q3	0.0774	0.0621	24273.9	0.2124	1.080	0.957	1.220
Income Q4	0.1671	0.0563	12455.7	0.0030	1.182	1.058	1.320
Income Q5	0.2951	0.0543	26930.6	0.0000	1.343	1.208	1.494
ns(Age, df = 4)1	-0.9665	0.1107	13608.1	0.0000	0.380	0.306	0.473
ns(Age, df = 4)2	-1.4716	0.1583	29796.9	0.0000	0.230	0.168	0.313
ns(Age, df = 4)3	-3.2954	0.3170	20937.5	0.0000	0.037	0.020	0.069
ns(Age, df = 4)4	-3.2089	0.5451	31092.6	0.0000	0.040	0.014	0.118
Female sex	0.0955	0.0416	22650.7	0.0217	1.100	1.014	1.194
Unmarried	-0.1122	0.0445	22120.6	0.0118	0.894	0.819	0.975
Divorced	-0.0913	0.0493	16995.2	0.0639	0.913	0.829	1.005
Widow	0.1036	0.0736	23038.3	0.1592	1.109	0.960	1.281
Year	0.0403	0.0072	27509.6	0.0000	1.041	1.027	1.056
Retirement	0.0180	0.0716	29328.7	0.8011	1.018	0.885	1.172
CCI 2-3	0.2812	0.0343	25279.2	0.0000	1.325	1.238	1.417
CCI 4-6	-0.1185	0.1068	30920.7	0.2672	0.888	0.720	1.095
CCI >7	-0.2240	0.1661	31203.6	0.1775	0.799	0.577	1.107
Primary education	ref				ref		
Secondary education	-0.0175	0.0382	30513.4	0.6464	0.983	0.912	1.059
Post-secondary 2y	0.1462	0.0549	28623.2	0.0077	1.157	1.039	1.289
Post-secondary 3y	0.0759	0.0674	28901.0	0.2598	1.079	0.945	1.231
Post-secondary 4y	0.0953	0.0677	29957.1	0.1590	1.100	0.963	1.256
ns(call_arrival, df = 4)1	-0.7541	0.0829	13686.9	0.0000	0.470	0.400	0.553
ns(call_arrival, df = 4)2	-1.1247	0.1583	1009.5	0.0000	0.325	0.238	0.443
ns(call_arrival, df = 4)3	-1.0747	0.2282	8534.9	0.0000	0.341	0.218	0.534
ns(call_arrival, df = 4)4	-0.2090	0.2753	2440.8	0.4479	0.811	0.473	1.392
witnessed	0.8262	0.0537	12713.0	0.0000	2.285	2.056	2.538
public	0.6279	0.0356	27276.1	0.0000	1.874	1.747	2.009
cardiac	-0.2221	0.0612	1948.7	0.0003	0.801	0.710	0.903
FirstRCPR	0.1452	0.0437	1247.4	0.0009	1.156	1.061	1.260
ByCPR	0.2454	0.0412	23132.1	0.0000	1.278	1.179	1.386
Shockable rhythm	1.7497	0.0472	2593.6	0.0000	5.753	5.244	6.311

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table VIII. Income model 6 (same as education model 6)

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0337	0.0709	21292.1	0.6344	1.034	0.900	1.188
Income Q3	0.0800	0.0676	24205.9	0.2366	1.083	0.949	1.237
Income Q4	0.1819	0.0607	15394.6	0.0028	1.199	1.065	1.351
Income Q5	0.3152	0.0587	26191.5	0.0000	1.371	1.222	1.538
ns(Age, df = 4)1	-0.9562	0.1180	12089.0	0.0000	0.384	0.305	0.484
ns(Age, df = 4)2	-1.4558	0.1619	25748.9	0.0000	0.233	0.170	0.320
ns(Age, df = 4)3	-3.1532	0.3016	16102.7	0.0000	0.043	0.024	0.077
ns(Age, df = 4)4	-2.9993	0.4818	27756.1	0.0000	0.050	0.019	0.128
Female sex	0.0940	0.0445	22253.1	0.0348	1.099	1.007	1.199
Unmarried	-0.1181	0.0472	25539.9	0.0124	0.889	0.810	0.975
Divorced	-0.1242	0.0535	12706.7	0.0204	0.883	0.795	0.981
Widow	0.0788	0.0790	18637.3	0.3186	1.082	0.927	1.263
Year	0.0474	0.0078	25350.0	0.0000	1.049	1.033	1.065
Retirement	0.0475	0.0756	26979.4	0.5296	1.049	0.904	1.216
CCI 2-3	0.2951	0.0367	21621.9	0.0000	1.343	1.250	1.444
CCI 4-6	-0.1975	0.1184	27568.0	0.0953	0.821	0.651	1.035
CCI >7	-0.2028	0.1696	27806.3	0.2316	0.816	0.586	1.138
Primary education	ref				ref		
Secondary education	-0.0215	0.0408	27592.3	0.5992	0.979	0.903	1.060
Post-secondary 2y	0.1087	0.0580	25755.2	0.0607	1.115	0.995	1.249
Post-secondary 3y	0.0423	0.0722	24717.4	0.5576	1.043	0.906	1.202
Post-secondary 4y	0.0765	0.0709	26897.5	0.2805	1.080	0.939	1.241
ns(call_arrival, df = 4)1	-0.6477	0.0987	4667.7	0.0000	0.523	0.431	0.635
ns(call_arrival, df = 4)2	-1.0121	0.1733	2514.8	0.0000	0.363	0.259	0.511
ns(call_arrival, df = 4)3	-0.9800	0.2601	6434.5	0.0002	0.375	0.225	0.625
ns(call_arrival, df = 4)4	-0.2004	0.3122	2329.0	0.5209	0.818	0.444	1.509
witnessed	0.8178	0.0570	11992.4	0.0000	2.266	2.026	2.534
public	0.6161	0.0381	21239.0	0.0000	1.852	1.718	1.995
cardiac	-0.2636	0.0638	2098.8	0.0000	0.768	0.678	0.871
FirstRCPR	0.1594	0.0454	1132.3	0.0005	1.173	1.073	1.282
ByCPR	0.2680	0.0444	21960.7	0.0000	1.307	1.198	1.426
Shockable rhythm	1.7472	0.0507	1917.7	0.0000	5.738	5.195	6.338
ns(distance2, df = 4)1	-0.2912	0.0704	19628.4	0.0000	0.747	0.651	0.858
ns(distance2, df = 4)2	-0.3335	0.2528	24732.9	0.1871	0.716	0.437	1.176
ns(distance2, df = 4)3	-0.2926	0.4636	26450.2	0.5280	0.746	0.301	1.852
ns(distance2, df = 4)4	0.1335	1.0187	27198.8	0.8957	1.143	0.155	8.416

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table IX. Income model 7 (same as education model 7)

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Income Q1	ref				ref		
Income Q2	0.0363	0.0708	21395.9	0.6087	1.037	0.902	1.191
Income Q3	0.0835	0.0677	23748.1	0.2176	1.087	0.952	1.241
Income Q4	0.1875	0.0610	14243.4	0.0021	1.206	1.070	1.359
Income Q5	0.3197	0.0592	25705.4	0.0000	1.377	1.226	1.546
ns(Age, df = 4)1	-0.9524	0.1181	12057.2	0.0000	0.386	0.306	0.486
ns(Age, df = 4)2	-1.4561	0.1619	25789.3	0.0000	0.233	0.170	0.320
ns(Age, df = 4)3	-3.1561	0.3020	16338.4	0.0000	0.043	0.024	0.077
ns(Age, df = 4)4	-3.0061	0.4823	27752.5	0.0000	0.049	0.019	0.127
Female sex	0.0945	0.0445	22783.6	0.0338	1.099	1.007	1.199
Unmarried	-0.1163	0.0474	25998.6	0.0141	0.890	0.811	0.977
Divorced	-0.1258	0.0536	13677.4	0.0188	0.882	0.794	0.979
Widow	0.0805	0.0791	18886.3	0.3093	1.084	0.928	1.266
Year	0.0478	0.0078	25225.0	0.0000	1.049	1.033	1.065
Retirement	0.0495	0.0756	26986.0	0.5125	1.051	0.906	1.218
CCI 2-3	0.2937	0.0368	21595.5	0.0000	1.341	1.248	1.442
CCI 4-6	-0.2025	0.1185	27541.1	0.0874	0.817	0.647	1.030
CCI >7	-0.2101	0.1697	27813.6	0.2157	0.810	0.581	1.130
Primary education	ref				ref		
Secondary education	-0.0195	0.0408	27581.4	0.6325	0.981	0.905	1.062
Post-secondary 2y	0.1087	0.0579	25693.2	0.0606	1.115	0.995	1.249
Post-secondary 3y	0.0403	0.0722	24486.5	0.5762	1.041	0.904	1.199
Post-secondary 4y	0.0754	0.0710	26748.2	0.2883	1.078	0.938	1.239
ns(call_arrival, df = 4)1	-0.6393	0.0987	4824.2	0.0000	0.528	0.435	0.640
ns(call_arrival, df = 4)2	-0.9851	0.1738	2379.6	0.0000	0.373	0.266	0.525
ns(call_arrival, df = 4)3	-0.9703	0.2599	6420.6	0.0002	0.379	0.228	0.631
ns(call_arrival, df = 4)4	-0.2064	0.3118	2154.1	0.5082	0.814	0.441	1.500
witnessed	0.8179	0.0570	12057.4	0.0000	2.266	2.026	2.534
public	0.6146	0.0381	21572.0	0.0000	1.849	1.716	1.992
cardiac	-0.2623	0.0637	2248.5	0.0000	0.769	0.679	0.872
FirstRCPR	0.1526	0.0458	1062.6	0.0009	1.165	1.065	1.274
ByCPR	0.2712	0.0443	22454.4	0.0000	1.312	1.202	1.431
Shockable rhythm	1.7473	0.0507	1943.1	0.0000	5.739	5.196	6.339
ns(distance2, df = 4)1	-0.2798	0.0707	19458.9	0.0001	0.756	0.658	0.868
ns(distance2, df = 4)2	-0.3059	0.2507	24490.7	0.2224	0.736	0.451	1.204
ns(distance2, df = 4)3	-0.2457	0.4532	26420.2	0.5877	0.782	0.322	1.901
ns(distance2, df = 4)4	0.1885	0.9903	27123.8	0.8491	1.207	0.173	8.412
foreign Q2	0.1149	0.0740	26757.1	0.1206	1.122	0.970	1.297
foreign Q3	0.1572	0.0735	27364.8	0.0325	1.170	1.013	1.352
foreign Q4	0.1080	0.0744	26290.8	0.1470	1.114	0.963	1.289
foreign Q5	0.1410	0.0759	24468.9	0.0633	1.151	0.992	1.336

df = degrees of freedom after Barnard-Rubin correction.

Supplemental table X. Education model 1

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Primary education	ref				ref		
Secondary education	0.0344	0.0421	31351.8	0.4148	1.035	0.953	1.124
Post-secondary 2y	0.3096	0.0617	31351.8	0.0000	1.363	1.208	1.538
Post-secondary 3y	0.3068	0.0760	31351.8	0.0001	1.359	1.171	1.577
Post-secondary 4y	0.4113	0.0741	31351.8	0.0000	1.509	1.305	1.745
ns(Age, df = 4)1	-0.6139	0.1220	31099.8	0.0000	0.541	0.426	0.687
ns(Age, df = 4)2	-1.5504	0.1727	31314.1	0.0000	0.212	0.151	0.298
ns(Age, df = 4)3	-2.6451	0.3400	31289.9	0.0000	0.071	0.036	0.138
ns(Age, df = 4)4	-4.0807	0.5973	31350.9	0.0000	0.017	0.005	0.054
Female sex	-0.4359	0.0446	31346.3	0.0000	0.647	0.593	0.706
Unmarried	-0.2908	0.0499	23620.9	0.0000	0.748	0.678	0.824
Divorced	-0.2367	0.0537	29187.9	0.0000	0.789	0.710	0.877
Widow	0.1845	0.0796	29371.3	0.0205	1.203	1.029	1.406
Year	0.0222	0.0078	31350.6	0.0047	1.022	1.007	1.038
retirement	0.0126	0.0842	31351.8	0.8810	1.013	0.859	1.194

df = degrees of freedom after Barnard-Rubin correction.

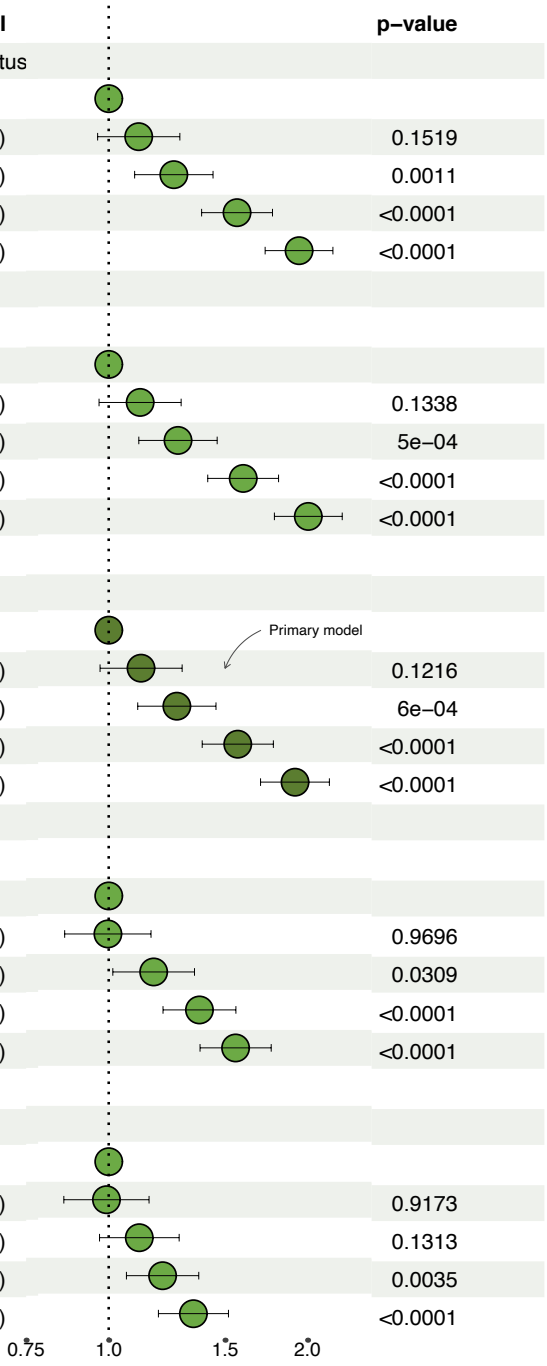
Supplemental table XI. Education model 2

term	Beta	Standard error	df	P-value	RR	95% CI, lower limit	95% CI, upper limit
Primary education	ref				ref		
Secondary education	0.0375	0.0420	31348.8	0.3724	1.038	0.956	1.127
Post-secondary 2y	0.3259	0.0615	31348.8	0.0000	1.385	1.228	1.563
Post-secondary 3y	0.3250	0.0759	31348.8	0.0000	1.384	1.193	1.606
Post-secondary 4y	0.4181	0.0740	31348.8	0.0000	1.519	1.314	1.756
ns(Age, df = 4)1	-0.6520	0.1223	31106.7	0.0000	0.521	0.410	0.662
ns(Age, df = 4)2	-1.6534	0.1735	31309.6	0.0000	0.191	0.136	0.269
ns(Age, df = 4)3	-2.7580	0.3399	31284.1	0.0000	0.063	0.033	0.123
ns(Age, df = 4)4	-4.1930	0.5961	31347.9	0.0000	0.015	0.005	0.049
Female sex	-0.4152	0.0446	31342.8	0.0000	0.660	0.605	0.721
Unmarried	-0.3015	0.0498	23738.1	0.0000	0.740	0.671	0.816
Divorced	-0.2463	0.0536	28777.7	0.0000	0.782	0.704	0.868
Widow	0.1821	0.0794	29511.7	0.0219	1.200	1.027	1.402
Year	0.0226	0.0079	31347.4	0.0041	1.023	1.007	1.039
retirement	0.0064	0.0839	31348.8	0.9394	1.006	0.854	1.186
CCI 2-3	0.3369	0.0380	31348.8	0.0000	1.401	1.300	1.509
CCI 4-6	-0.4663	0.1122	31348.8	0.0000	0.627	0.503	0.782
CCI >7	-0.5038	0.1794	31348.8	0.0050	0.604	0.425	0.859

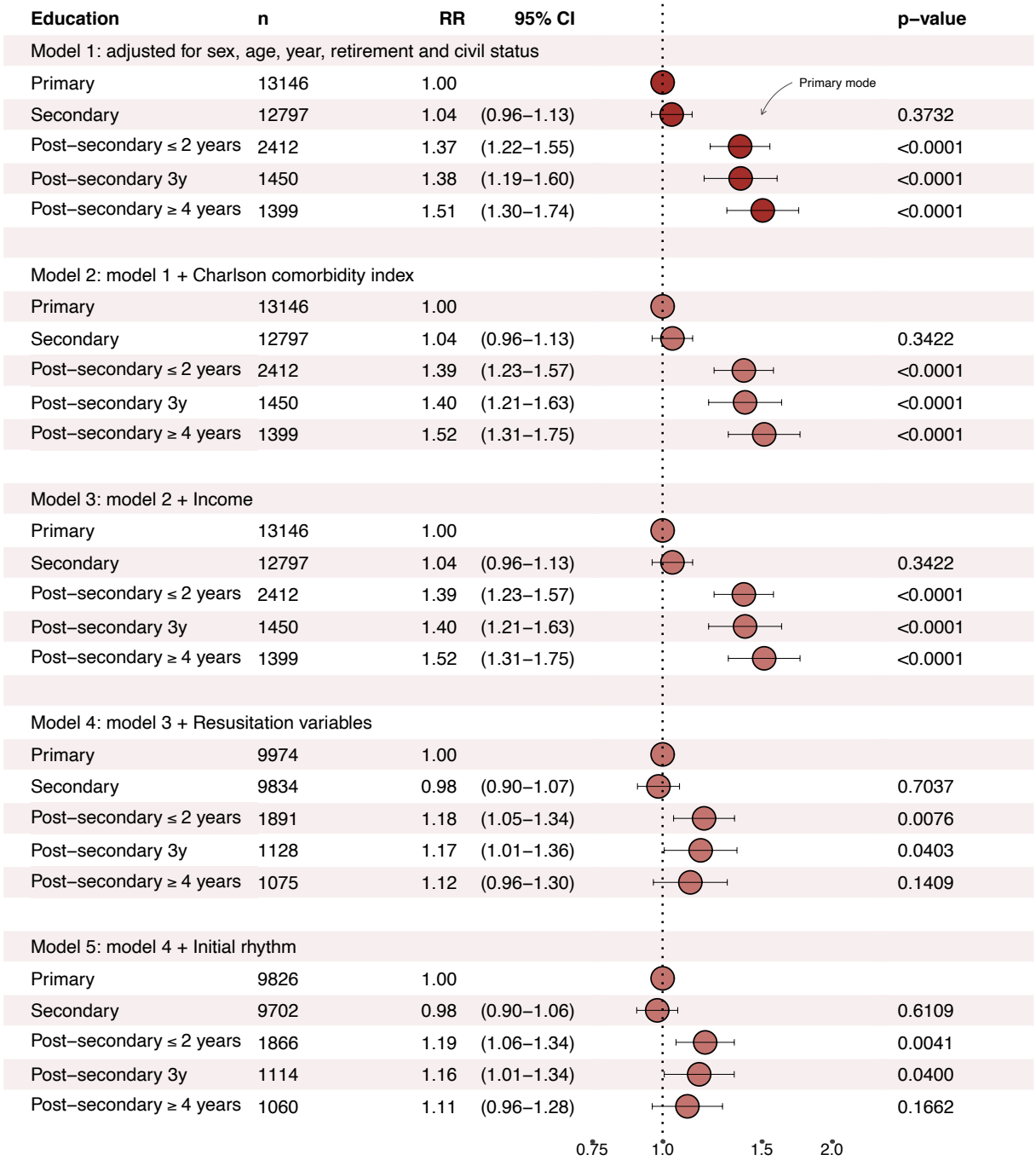
df = degrees of freedom after Barnard-Rubin correction.

Complete case analyses

Income	n	RR	95% CI	p–value
Model 1: adjusted for sex, age, year, retirement status and civil status				
Q1	6164	1.00		
Q2	6262	1.11	(0.96–1.28)	0.1519
Q3	6262	1.25	(1.09–1.44)	0.0011
Q4	6255	1.56	(1.38–1.77)	<0.0001
Q5	6261	1.94	(1.72–2.18)	<0.0001
Model 2: model 1 + Charlson comorbidity index				
Q1	6164	1.00		
Q2	6262	1.12	(0.97–1.29)	0.1338
Q3	6262	1.27	(1.11–1.46)	5e–04
Q4	6255	1.60	(1.41–1.81)	<0.0001
Q5	6261	2.00	(1.78–2.26)	<0.0001
Model 3: model 2 + Education				
Q1	6164	1.00		
Q2	6262	1.12	(0.97–1.29)	0.1216
Q3	6262	1.27	(1.11–1.45)	6e–04
Q4	6255	1.57	(1.39–1.77)	<0.0001
Q5	6261	1.91	(1.70–2.16)	<0.0001
Model 4: model 3 + Resuscitation variables				
Q1	4637	1.00		
Q2	4703	1.00	(0.86–1.16)	0.9696
Q3	4653	1.17	(1.01–1.35)	0.0309
Q4	4841	1.37	(1.21–1.56)	<0.0001
Q5	5068	1.56	(1.37–1.76)	<0.0001
Model 5: model 4 + Initial rhythm				
Q1	4555	1.00		
Q2	4639	0.99	(0.86–1.15)	0.9173
Q3	4596	1.11	(0.97–1.28)	0.1313
Q4	4773	1.21	(1.06–1.37)	0.0035
Q5	5005	1.34	(1.19–1.52)	<0.0001



Supplemental figure I.



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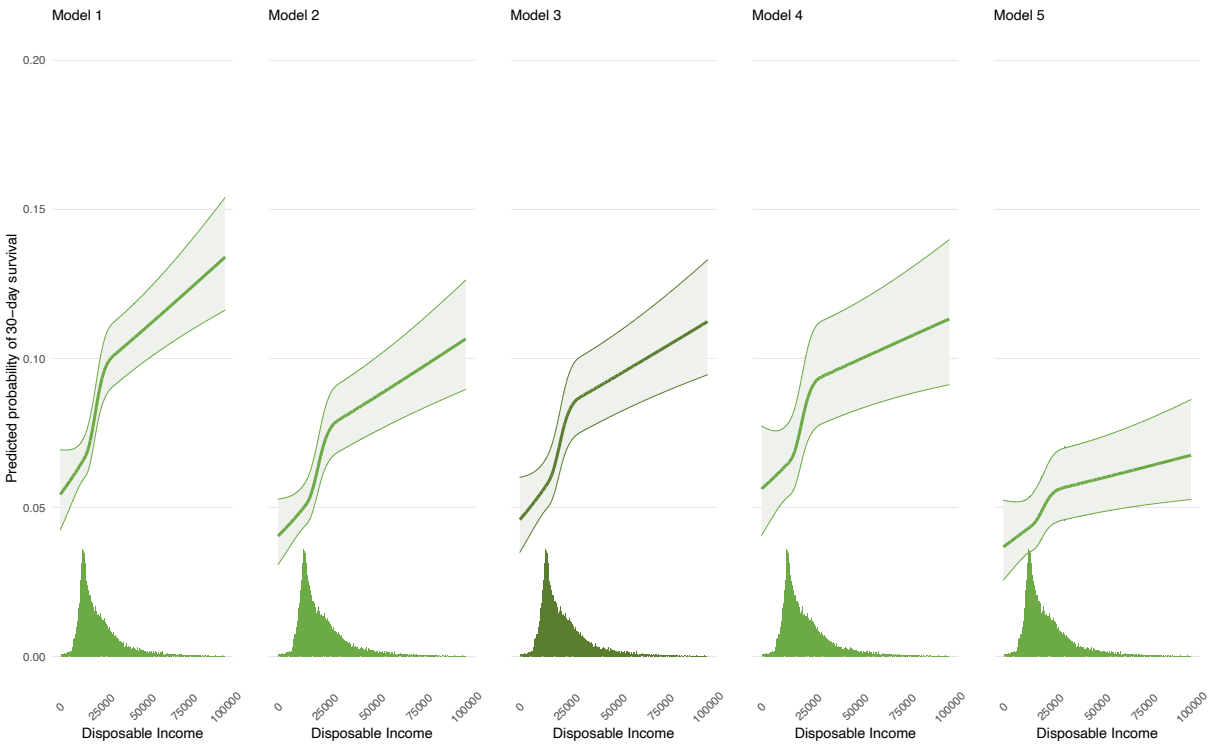

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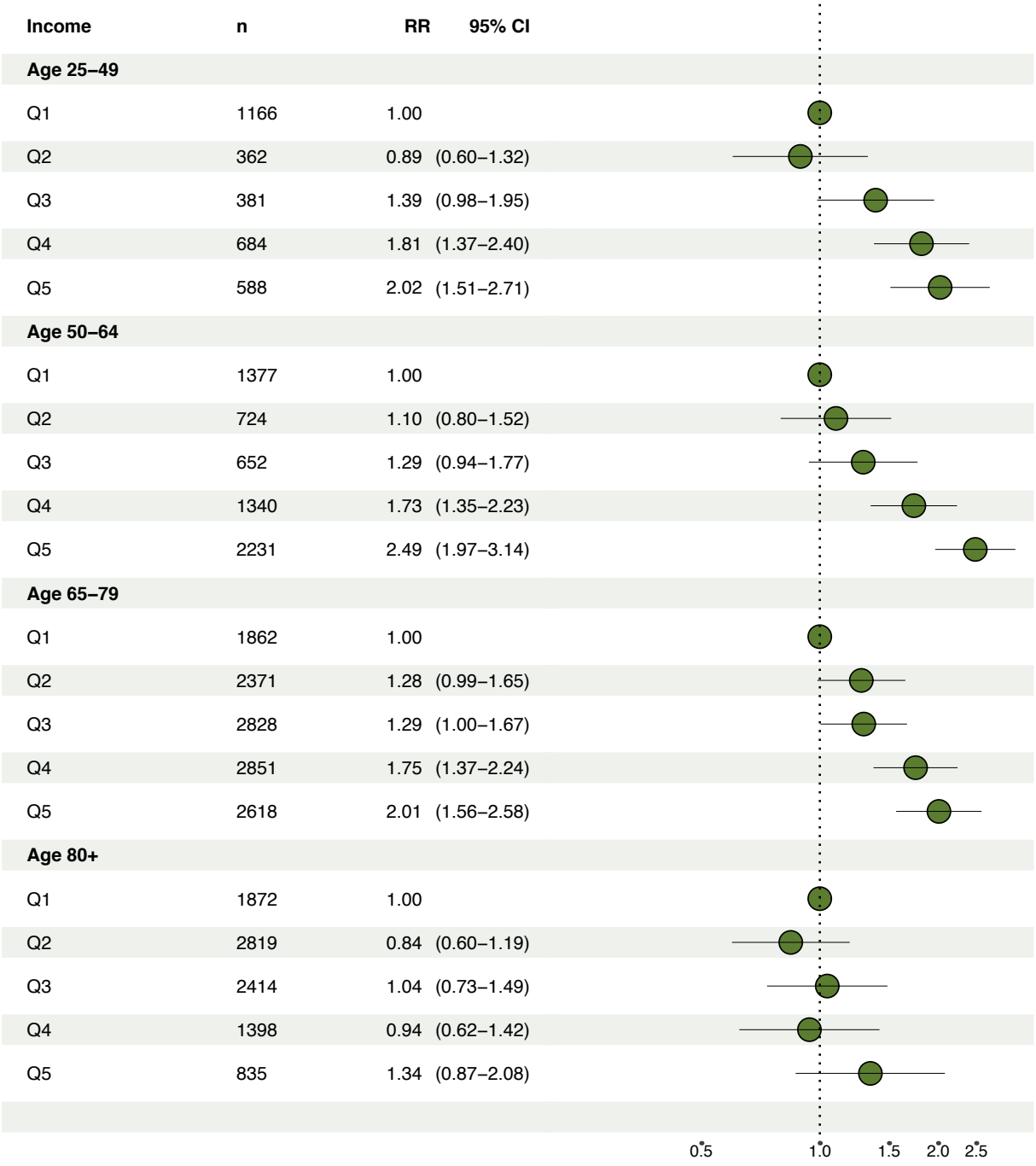
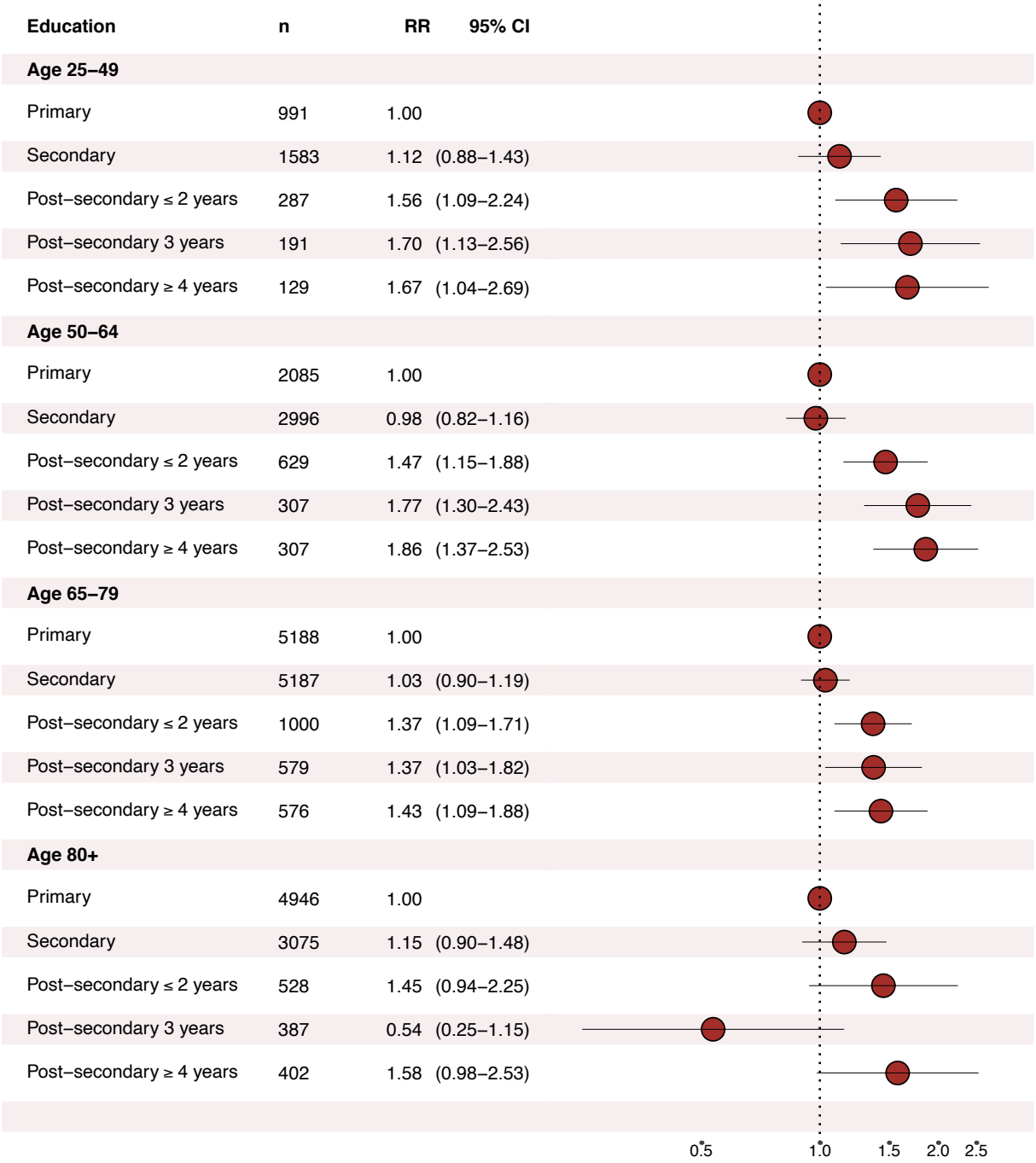


Supplemental figure IV.



Supplemental figure V.

Figure legends

Supplemental figure I. Complete case analyses by income quintile.

Supplemental figure II. Complete case analyses for educational level.

Supplemental figure III. Natural splines of disposable income and 30-day survival

Supplemental figure IV. Results from modified Poisson regression stratified by age for income quintiles. Adjustment for variables in model 3.

Supplemental figure V. Results from modified Poisson regression stratified by age for educational level. Adjustment for variables in model 1.