

**Table S1** The association between income, marital status and age and the number of days that females dying from cancer spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age groups</b>																
70–74 years	127.5		132.0		25.5		18.7		15.0		11.5		17.5		20.5	
75–79 years	-10.1	<0.001	-6.5	<0.001	-2.3	<0.001	-2.7	<0.001	11.4	<0.001	5.7	<0.001	2.8	<0.001	3.8	<0.001
80–84 years	-19.7	<0.001	-14.7	<0.001	-7.0	<0.001	-5.1	<0.001	22.5	<0.001	15.5	<0.001	6.4	<0.001	4.6	<0.001
85–89 years	-30.5	<0.001	-24.7	<0.001	-10.4	<0.001	-8.5	<0.001	37.9	<0.001	28.7	<0.001	4.9	<0.001	4.5	<0.001
90+ years	-49.7	<0.001	-37.8	<0.001	-15.9	<0.001	-11.6	<0.001	65.7	<0.001	45.5	<0.001	0.4	0.61	3.4	<0.001
<b>Marital status</b>																
Never married	92.6		107.8		16.4		12.9		58.5		37.5		20.3		25.3	
Currently married	29.8	<0.001	18.2	<0.001	3.8	<0.001	0.8	<0.16	-34.8	<0.001	-17.1	<0.001	-1.5	0.22	-3.5	<0.001
Previously married	7.5	<0.001	7.5	<0.001	1.7	0.01	1.0	0.07	-10.6	<0.001	-8.2	<0.001	1.2	0.27	-0.9	0.25
<b>Income quartiles</b>																
0–24%	102.7		120.7		16.9		13.4		47.5		24.2		20.1		24.8	
25–49%	-0.5	0.77	-1.5	0.18	1.1	0.01	0.4	0.29	-1.3	0.46	1.4	0.22	0.9	0.26	-0.3	0.65
50–74%	1.4	0.36	-6.8	<0.001	2.3	<0.001	0.5	0.24	-4.0	0.02	7.7	<0.001	0.9	0.29	-1.6	0.01
75–100%	7.6	<0.001	-6.2	<0.001	3.4	<0.001	0.6	0.18	-11.8	<0.001	7.6	<0.001	0.8	0.36	-2.5	<0.001

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S2** The association between income, marital status and age and the number of days that males dying from cancer spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age groups</b>																
70–74 years	133.4		137.0		26.9		17.4		11.7		10.2		13.8		18.1	
75–79 years	-4.6	<0.001	-4.7	<0.001	-3.1	<0.001	-2.1	<0.001	5.2	<0.001	4.4	<0.001	2.9	<0.001	2.8	<0.001
80–84 years	-11.0	<0.001	-11.7	<0.001	-7.2	<0.001	-4.8	<0.001	13.9	<0.001	11.9	<0.001	5.5	<0.001	5.2	<0.001
85–89 years	-23.1	<0.001	-21.4	<0.001	-10.6	<0.001	-6.1	<0.001	28.8	<0.001	21.3	<0.001	6.1	<0.001	7.0	<0.001
90+ years	-38.8	<0.001	-32.6	<0.001	-15.9	<0.001	-7.6	<0.001	49.6	<0.001	36.4	<0.001	5.5	<0.001	3.3	<0.001
<b>Marital status</b>																
Never married	96.6		107.8		17.9		12.1		53.8		39.0		20.4		25.7	
Currently married	34.6	<0.001	26.4	<0.001	3.4	<0.001	2.6	<0.001	-36.1	<0.001	-25.2	<0.001	-4.7	<0.001	-5.7	<0.001
Previously married	10.6	<0.001	12.3	<0.001	2.1	<0.001	2.0	<0.001	-14.7	<0.001	-13.1	<0.001	0.6	0.57	-2.8	<0.001
<b>Income quartiles</b>																
0–24%	116.2		131.4		18.5		13.3		34.1		16.1		17.6		22.2	
25–49%	3.9	<0.001	-4.3	<0.001	2.1	<0.001	0.4	0.32	-5.4	<0.001	3.4	<0.001	0.1	0.83	0.5	0.40
50–74%	4.1	<0.001	-8.7	<0.001	2.7	<0.001	1.1	0.01	-6.9	<0.001	8.5	<0.001	0.4	0.59	-1.1	0.06
75–100%	9.9	<0.001	-3.2	<0.001	3.2	<0.001	2.7	<0.001	-13.6	<0.001	3.6	<0.001	0.2	0.79	-2.8	<0.001

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S3** The association between income, marital status and age and the number of days that females dying from circulatory diseases spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
Age group																
70–74 years	125.6		134.2		12.6		7.4		40.8		31.0		7.7		10.1	
75–79 years	-20.5	<0.001	-15.7	<0.001	-2.3	<0.001	-0.3	0.42	20.3	<0.001	13.4	<0.001	2.8	<0.001	2.6	<0.001
80–84 years	-39.9	<0.001	-29.9	<0.001	-3.4	<0.001	-0.9	<0.01	39.5	<0.001	25.8	<0.001	4.4	<0.001	5.3	<0.001
85–89 years	-53.1	<0.001	-42.0	<0.001	-5.0	<0.001	-2.1	<0.001	53.9	<0.001	37.3	<0.001	5.0	<0.001	7.1	<0.001
90+ years	-71.3	<0.001	-59.7	<0.001	-7.4	<0.001	-3.6	<0.001	75.0	<0.001	57.9	<0.001	3.5	<0.001	5.6	<0.001
Marital status																
Never married	62.9		87.8		5.8		4.8		107.7		76.4		10.4		14.5	
Currently married	31.7	<0.001	13.6	<0.001	3.3	<0.001	1.4	<0.001	-37.7	<0.001	-18.4	<0.001	3.1	<0.001	2.0	<0.001
Previously married	6.3	<0.001	5.7	<0.001	1.4	<0.001	0.5	0.02	-8.4	<0.001	-7.6	<0.001	1.0	0.08	1.0	0.01
Income quartiles																
0–24%	69.1		102.5		6.0		5.1		101.4		60.5		9.7		14.5	
25–49%	0.8	0.50	-3.5	<0.001	1.4	<0.001	0.4	0.02	-2.8	0.03	1.8	0.07	1.9	<0.001	1.8	<0.001
50–74%	3.7	<0.001	-15.8	<0.001	2.1	<0.001	0.2	0.28	-7.0	<0.001	14.7	<0.001	2.7	<0.001	1.2	<0.001
75–100%	9.5	<0.001	-17.3	<0.001	2.3	<0.001	0.5	0.01	-14.0	<0.001	16.4	<0.001	3.3	<0.001	1.0	<0.001

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S4** The association between income, marital status and age and the number of days that males dying from circulatory diseases spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
Age groups																
70–74 years	139.7		147.4		12.0		7.7		27.9		20.5		6.7		7.4	
75–79 years	-14.8	<0.001	-12.7	<0.001	-0.9	0.05	-0.1	0.81	13.6	<0.001	9.3	<0.001	2.4	<0.001	3.4	<0.001
80–84 years	-28.6	<0.001	-25.6	<0.001	-1.6	<0.001	-0.6	<0.01	27.3	<0.001	20.6	<0.001	4.5	<0.001	6.1	<0.001
85–89 years	-40.0	<0.001	-35.8	<0.001	-2.8	<0.001	-0.4	<0.23	37.4	<0.001	28.8	<0.001	6.6	<0.001	7.4	<0.001
90+ years	-59.3	<0.001	-51.5	<0.001	-4.9	<0.001	0.4	<0.35	52.1	<0.001	43.7	<0.001	6.8	<0.001	7.0	<0.001
Marital status																
Never married	89.1		107.2		7.7		5.9		79.6		59.2		11.2		11.8	
Currently married	29.8	<0.001	23.0	<0.001	2.5	<0.001	2.1	<0.001	-35.8	<0.001	-26.7	<0.001	0.3	0.67	0.6	<0.19
Previously married	6.0	<0.001	10.6	<0.001	1.7	<0.001	1.5	<0.001	-6.7	0.01	-14.0	<0.001	0.0	0.99	0.6	0.24
Income quartiles																
0–24%	102.7		133.7		8.8		6.7		64.8		30.6		10.6		11.6	
25–49%	3.8	<0.001	-10.7	<0.001	1.2	<0.001	0.1	0.54	-4.6	0.01	9.4	<0.001	1.5	<0.001	1.7	<0.001
50–74%	5.7	<0.001	-19.4	<0.001	1.1	<0.001	1.0	<0.001	-6.8	<0.001	18.2	<0.001	0.7	0.14	0.7	0.05
75–100%	8.9	<0.001	-14.0	<0.001	1.3	<0.001	2.1	<0.001	-10.6	<0.001	11.8	<0.001	1.2	0.03	0.6	0.08

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S5** The association between income, marital status and age and the number of days that females dying from respiratory diseases spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age group</b>																
70–74 years	103.6		125.7		15.0		10.7		57.8		31.7		11.4		13.8	
75–79 years	-14.9	<0.001	-6.7	0.12	-0.9	0.28	0.1	0.88	14.2	<0.001	6.4	0.15	2.5	0.05	0.8	0.63
80–84 years	-32.9	<0.001	-26.2	<0.001	-4.6	<0.001	-1.7	<0.001	35.5	<0.001	25.4	<0.001	2.5	0.04	3.7	<0.01
85–89 years	-42.9	<0.001	-32.9	<0.001	-7.1	<0.001	-3.5	<0.001	48.0	<0.001	33.2	<0.001	1.7	0.12	4.2	<0.01
90+ years	-61.0	<0.001	-52.3	<0.001	-10.5	<0.001	-5.8	<0.001	71.7	<0.001	56.0	<0.001	-1.6	0.15	2.7	<0.08
<b>Marital status</b>																
Never married	52.9		86.0		6.4		6.1		116.5		77.1		10.7		14.9	
Currently married	31.2	<0.001	32.1	<0.001	5.2	<0.001	4.5	<0.001	-40.2	<0.001	-40.5	<0.001	6.7	<0.001	1.0	>0.59
Previously married	7.3	0.02	9.8	0.02	1.9	<0.001	1.8	0.04	-8.9	0.01	-15.0	<0.001	0.7	0.51	1.9	0.20
<b>Income quartiles</b>																
0–24%	63.0		99.9		6.9		6.9		106.6		60.1		8.9		16.1	
25–49%	-0.3	0.89	1.9	0.59	2.0	<0.001	1.2	0.10	-2.5	0.32	-4.1	0.27	3.9	<0.001	0.8	0.56
50–74%	-3.4	0.13	-3.2	0.38	2.7	<0.001	1.6	0.06	-0.8	0.75	1.3	0.74	5.4	<0.001	0.5	0.69
75–100%	5.5	0.03	-4.7	0.21	3.2	<0.001	2.9	<0.001	-10.4	<0.001	2.1	0.59	4.5	<0.001	-0.2	0.90

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S6** The association between income, marital status and age and the number of days that males dying from respiratory diseases spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age groups</b>																
70–74 years	115.8		132.3		18.5		12.1		41.9		25.0		11.6		13.3	
75–79 years	-13.4	<0.001	-7.1	0.01	-2.5	<0.001	-0.8	0.34	14.2	<0.001	6.1	0.02	1.3	0.28	2.3	0.05
80–84 years	-27.9	<0.001	-19.2	<0.001	-5.1	<0.001	-2.3	<0.001	29.7	<0.001	17.5	<0.001	3.6	<0.001	4.6	<0.001
85–89 years	-33.7	<0.001	-29.5	<0.001	-7.7	<0.001	-2.0	<0.001	37.9	<0.001	27.0	<0.001	3.7	<0.001	5.3	<0.001
90+ years	-49.8	<0.001	-48.5	<0.001	-11.1	<0.001	-3.2	<0.001	58.0	<0.001	47.3	<0.001	1.8	0.14	4.5	<0.001
<b>Marital status</b>																
Never married	64.7		91.5		9.1		7.9		102.1		69.8		13.0		15.4	
Currently married	37.4	<0.001	32.5	<0.001	4.7	<0.001	3.1	<0.001	-46.3	<0.001	-38.6	<0.001	2.2	0.07	1.2	<0.001
Previously married	9.8	<0.001	15.7	<0.001	2.4	<0.001	2.8	<0.001	-12.9	<0.001	-22.1	<0.001	0.0	0.99	1.9	0.12
<b>Income quartiles</b>																
0–24%	83.2		120.0		10.5		9.5		81.2		35.8		12.3		17.3	
25–49%	4.3	0.05	-4.7	0.06	2.5	<0.001	-0.3	0.64	-7.6	<0.001	4.7	0.07	1.6	0.06	1.1	0.28
50–74%	7.3	<0.001	-15.2	<0.001	2.9	<0.001	1.6	0.05	-12.8	<0.001	16.1	<0.001	3.4	<0.001	-1.8	0.08
75–100%	5.2	0.05	-6.7	0.02	2.7	<0.001	3.1	<0.001	-10.9	<0.001	5.9	0.04	2.9	0.01	-2.3	0.04

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S7** The association between income, marital status and age and the number of days that females dying from mental and behavioral disorders spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age group</b>																
70–74 years	40.7		29.8		3.9		2.4		136.7		143.9		4.3		7.2	
75–79 years	-18.3	<0.001	-9.1	0.08	-0.6	0.57	2.2	0.12	19.2	0.01	7.9	0.20	0.3	0.82	-0.8	0.62
80–84 years	-25.3	<0.001	-5.8	<0.001	-1.3	0.21	0.8	<0.001	25.3	<0.001	2.9	>0.99	1.9	0.20	1.5	<0.001
85–89 years	-23.7	<0.001	-3.6	<0.001	-1.7	0.09	-0.3	>0.99	24.6	<0.001	1.4	>0.99	1.4	0.32	2.2	<0.001
90+	-28.1	<0.001	-5.0	<0.001	-2.6	0.01	-0.6	<0.001	31.1	<0.001	5.3	<0.001	-0.5	0.73	0.1	>0.99
<b>Marital status</b>																
Never married	14.9		22.7		2.0		1.8		164.6		151.5		3.9		7.1	
Currently married	10.2	<0.001	17.3	<0.001	0.7	0.10	1.3	<0.001	-14.3	<0.001	-25.4	<0.001	5.4	<0.001	7.3	<0.001
Previously married	-0.6	0.77	1.4	0.44	-0.2	0.41	0.5	0.31	0.8	0.72	-2.3	0.26	0.4	0.59	0.3	0.59
<b>Income quartiles</b>																
0–24%	13.7		22.4		1.5		1.8		166.9		150.7		3.6		7.6	
25–49%	2.9	0.06	4.6	0.01	0.5	0.01	1.3	0.03	-4.2	0.02	-6.0	0.01	1.3	0.06	1.0	0.17
50–74%	3.9	0.02	2.8	0.10	0.8	<0.001	0.3	0.48	-6.4	<0.001	-2.8	0.17	2.5	<0.001	0.1	0.93
75–100%	2.4	0.14	3.2	0.07	0.5	0.02	0.3	0.55	-4.5	0.02	-3.3	0.11	2.1	0.01	0.5	0.52

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.

**Table S8** The association between income, marital status and age and the number of days that males dying from mental and behavioral disorders spent at home, in hospital, in LTC, and in STC

Individual characteristics	Days at home				Days in hospital				Days in LTC				Days in STC			
	Norway		Finland		Norway		Finland		Norway		Finland		Norway		Finland	
	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value	AME	P value
<b>Age groups</b>																
70–74 years	78.8		60.1		5.1		5.8		97.7		103.4		5.1		14.1	
75–79 years	-40.3	<0.001	-24.8	<0.001	-0.1	0.89	-0.7	0.66	37.5	<0.001	27.8	<0.001	4.1	0.03	-1.8	0.41
80–84 years	-46.4	<0.001	-23.9	<0.001	-1.2	0.23	-2.6	<0.001	41.4	<0.001	28.3	<0.001	6.0	<0.001	-2.5	<0.001
85–89 years	-51.1	<0.001	-24.8	<0.001	-1.3	0.19	1.2	<0.001	47.3	<0.001	24.8	<0.001	5.0	<0.001	-2.4	<0.001
90+	-56.4	<0.001	-27.8	<0.001	-2.9	<0.001	3.0	<0.001	55.4	<0.001	28.6	<0.001	3.2	0.05	-4.9	<0.001
<b>Marital status</b>																
Never married	22.7		29.5		2.4		5.4		153.4		138.7		7.6		9.6	
Currently married	15.2	<0.001	16.0	<0.001	1.8	<0.001	0.0	>0.99	-20.5	<0.001	-20.4	<0.001	4.2	0.02	4.3	<0.001
Previously married	6.1	0.07	2.6	0.41	1.1	0.02	2.1	0.09	-6.5	0.11	-5.4	0.16	-0.3	0.85	-0.2	0.86
<b>Income quartiles</b>																
0–24%	32.3		34.5		3.2		3.3		141.4		134.6		9.6		9.7	
25–49%	1.1	0.72	7.2	0.03	0.7	0.10	1.1	0.15	-1.8	0.62	-11.5	<0.001	0.0	>0.99	3.9	<0.001
50–74%	-0.3	0.92	-2.9	0.35	0.4	0.30	2.2	0.03	1.1	0.77	1.2	0.75	-1.3	0.32	0.3	0.76
75–100%	-1.5	0.64	6.1	0.07	1.0	0.03	8.3	<0.001	0.2	0.95	-15.7	<0.001	0.6	0.71	1.9	0.12

Numbers are displayed as the total number of days at home, in hospital, in LTC, and in STC for the reference categories, and as the difference in the number of days from the reference category for other categories. LTC, long-term care; STC, short-term care; AME, average marginal effect.