Supplementary Table 1 - Associations between all-cause mortality and hospitalisations by individual income, family income and partner's income trajectories for men and women, respectively

	Adjusted for birth cohorts		Adjusted for birth cohorts and education		Adjusted for birth cohorts and employment	
	Men	Women	Men	Women	Men	Women
Mortality	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)
Individual income						
Stable high (ref)	1.00	1.00	1.00	1.00	1.00	1.00
Upward	1.16 (1.13-1.18)	1.00 (0.97-1.03)	1.10 (1.08-1.13)	0.95 (0.92-0.97)	1.15 (1.12-1.17)	0.99 (0.96-1.02)
Downward	1.79 (1.75-1.84)	1.29 (1.24-1.34)	1.69 (1.65-1.74)	1.20 (1.16-1.25)	1.70 (1.66-1.75)	1.26 (1.21-1.30)
Stable low	1.71 (1.67-1.75)	1.20 (1.16-1.23)	1.56 (1.53-1.60)	1.07 (1.04-1.11)	1.63 (1.59-1.67)	1.15 (1.11-1.18)
Family income						
Stable high (ref)	1.00	1.00	1.00	1.00	1.00	1.00
Upward	1.19 (1.14-1.25)	1.10 (1.03-1.16)	1.16 (1.11-1.22)	1.05 (0.99-1.12)	1.17 (1.11-1.23)	1.08 (1.01-1.15)
Downward	1.87 (1.77-1.97)	1.38 (1.30-1.47)	1.77 (1.67-1.87)	1.29 (1.21-1.37)	1.83 (1.74-1.94)	1.35 (1.27-1.44)
Stable low	1.85 (1.76-1.95)	1.56 (1.46-1.66)	1.71 (1.62-1.80)	1.39 (1.30-1.49)	1.77 (1.68-1.86)	1.49 (1.40-1.59)
Partner's income						
Stable high (ref)	1.00	1.00	1.00	1.00	1.00	1.00
Upward	0.96 (0.94-0.99)	1.03 (0.99-1.07)	0.95 (0.92-0.97)	1.01 (0.97-1.04)	0.96 (0.94-0.99)	1.04 (1.00-1.08)
Downward	1.03 (0.99-1.08)	1.21 (1.15-1.27)	1.01 (0.97-1.06)	1.17 (1.11-1.24)	1.03 (0.99-1.08)	1.21 (1.15-1.27)
Stable low	0.97 (0.94-1.00)	1.13 (1.08-1.18)	0.94 (0.91-0.97)	1.07 (1.02-1.11)	0.97 (0.94-1.00)	1.13 (1.08-1.18)
Hospitalisation	IRR (95% CI)	IRR (95% CI)	IRR (95% CI)	IRR (95% CI)	IRR (95% CI)	IRR (95% CI)
Individual income						
Stable high (ref)	1.00	1.00	1.00	1.00	1.00	1.00
Upward	1.06 (1.05-1.07)	1.00 (0.99-1.01)	1.04 (1.03-1.05)	0.98 (0.97-0.99)	1.06 (1.05-1.06)	0.99 (0.98-1.00)
Downward	1.24 (1.22-1.25)	1.09 (1.07-1.10)	1.21 (1.20-1.22)	1.06 (1.05-1.08)	1.22 (1.21-1.23)	1.08 (1.06-1.09)
Stable low	1.18 (1.17-1.19)	1.01 (1.00-1.02)	1.14 (1.14-1.15)	0.97 (0.97-0.98)	1.17 (1.16-1.18)	0.98 (1.00-0.99)
Family income						
Stable high	1.00	1.00	1.00	1.00	1.00	1.00
Upward	1.05 (1.04-1.06)	1.03 (1.01-1.04)	1.04 (1.02-1.05)	1.02 (1.00-1.03)	1.04 (1.03-1.06)	1.02 (1.01-1.04)
Downward	1.19 (1.17-1.21)	1.13 (1.11-1.15)	1.16 (1.14-1.18)	1.11 (1.10-1.13)	1.18 (1.16-1.20)	1.12 (1.11-1.14)
Stable low	1.21 (1.19-1.23)	1.12 (1.11-1.14)	1.17 (1.15-1.29)	1.10 (1.08-1.12)	1.19 (1.18-1.21)	1.11 (1.09-1.13)
Partner's income						
Stable high	1.00	1.00	1.00	1.00	1.00	1.00
Upward	1.00 (0.99-1.01)	1.03 (1.02-1.04)	1.00 (0.99-1.01)	0.96 (0.95-0.97)	1.00 (0.99-1.01)	1.03 (1.02-1.04)
Downward	1.01 (1.00-1.02)	1.10 (1.08-1.11)	0.91 (0.90-0.92)	0.90 (0.89-0.91)	1.01 (1.00-1.02)	1.10 (1.08-1.11)
Stable low	0.97 (0.96-0.98)	1.10 (1.09-1.11)	0.99 (0.97-1.02)	1.01 (0.98-1.05)	0.97 (0.96-0.98)	1.10 (1.08-1.11)

HR = hazard ratio, IRR = incidence rate ratio, CI = confidence interval

Supplementary Table 2 – Sex differences in all-cause mortality and hospitalisations by individual and family income trajectories

	Adjusted for birth cohorts	Adjusted for birth cohorts and education	Adjusted for birth cohorts and employment
Mortality	Relative difference in hazard (95% CI)	Relative difference in hazard (95% CI)	Relative difference in hazard (95% CI)
Individual income			
Stable high	1.37 (1.33-1.41)	1.39 (1.35-1.43)	1.37 (1.33-1.41)
Upward	1.59 (1.56-1.62)	1.62 (1.58-1.65)	1.62 (1.59-1.65)
Downward	1.91 (1.85-1.98)	1.94 (1.88-2.02)	1.91 (1.85-1.98)
Stable low	1.93 (1.89-1.98)	1.96 (1.91-2.00)	1.99 (1.94-2.03)
Family income			
Stable high	1.39 (1.31-1.47)	1.41 (1.33-1.49)	1.40 (1.32-1.49)
Upward	1.52 (1.44-1.60)	1.55 (1.48-1.62)	1.55 (1.47-1.63)
Downward	1.89 (1.78-2.00)	1.92 (1.81-2.03)	1.93 (1.82-2.05)
Stable low	1.66 (1.56-1.76)	1.71 (1.61-1.81)	1.71 (1.61-1.82)
Hospitalisation	IRR (95% CIs)	IRR (95% CIs)	IRR (95% CIs)
Individual income			
Stable high	1.11 (1.10-1.12)	1.11 (1.11-1.12)	1.11 (1.10-1.12)
Upward	1.19 (1.18-1.20)	1.19 (1.19-1.20)	1.20 (1.19-1.20)
Downward	1.27 (1.25-1.28)	1.27 (1.26-1.29)	1.27 (1.25-1.28)
Stable low	1.32 (1.31-1.33)	1.32 (1.31-1.33)	1.31 (1.30-1.32)
Family income			
Stable high	1.16 (1.14-1.17)	1.16 (1.14-1.18)	1.16 (1.14-1.17)
Upward	1.18 (1.17-1.20)	1.19 (1.18-1.21)	1.19 (1.17-1.20)
Downward	1.22 (1.20-1.24)	1.22 (1.20-1.24)	1.23 (1.21-1.25)
Stable low	1.25 (1.23-1.27)	1.25 (1.23-1.28)	1.26 (1.24-1.28)

IRR = incidence rate ratio, CI = confidence interval