

Appendix table 1: Associations between macroeconomic cycles and cyclical variation in mortality, by country, sex and age group. Shown are associations of a 1% rise in the macroeconomic cycle with a change in the cyclical variation of mortality, together with the 95% confidence intervals. Estimates are coefficients from a linear regression model with corresponding 95% confidence intervals.

	Men 40-44		Men 70-74		Women 40-44		Women 70-74	
<i>United States</i>	0.31	(-0.04 to 0.66)	0.23	(-0.01 to 0.46)	0.10	(-0.11 to 0.30)	-0.47	(-1.03 to 0.09)
<i>Switzerland</i>	0.06	(-0.45 to 0.56)	0.52	(0.20 to 0.84)**	-0.28	(-0.64 to 0.08)	0.12	(-0.08 to 0.32)
<i>Canada</i>	0.17	(-0.29 to 0.63)	0.13	(-0.16 to 0.43)	0.09	(-0.34 to 0.51)	-0.22	(-0.33 to -0.11)***
<i>Denmark</i>	1.10	(0.41 to 1.80)**	0.39	(-0.06 to 0.84)	0.98	(0.47 to 1.48)***	0.52	(0.06 to 0.99)*
<i>Norway</i>	1.26	(0.45 to 2.07)**	NA ¹		0.15	(-0.45 to 0.75)	0.13	(-0.35 - 0.61)
<i>Australia</i>	0.58	(-0.21 to 1.37)	0.71	(0.19 to 0.23)**	1.71	(1.13 to 2.28)***	0.52	(0.02 to 1.02)*
<i>Sweden</i>	0.55	(-0.30 to 1.40)	0.26	(-0.14 to 0.66)	0.43	(0.02 to 0.83)*	-0.13	(-0.26 to -0.01)*
<i>Netherlands</i>	0.60	(0.09 to 1.12)*	0.25	(-0.10 to 0.61)	-0.04	(-0.56 to 0.48)	0.22	(-0.11 to 0.54)
<i>France</i>	0.67	(0.24 to 1.10)**	0.65	(0.50 to 0.80)***	-0.21	(-0.50 to 0.09)	0.18	(-0.01 to 0.37)
<i>UK</i>	0.19	(-0.21 to 0.59)	0.07	(-0.47 to 0.62)	0.43	(0.01 to 0.86)*	0.18	(-0.33 to 0.70)
<i>Belgium</i>	0.31	(0.05 to 0.57)*	0.35	(-0.15 to 0.86)	0.34	(0.01 to 0.67)*	0.54	(0.33 to 0.76)***
<i>Austria</i>	1.38	(0.92 to 1.83)***	0.91	(0.60 to 1.22)***	0.25	(-0.16 to 0.65)	0.52	(0.27 to 0.76)***
<i>New Zealand</i>	-0.11	(-0.87 to 0.64)	0.31	(-0.08 to 0.69)	0.42	(-0.38 to 1.23)	0.08	(-0.36 to 0.52)
<i>Japan</i>	-0.15	(-0.31 to 0.01)	0.01	(-0.12 to 0.14)	-0.38	(-0.50 to -0.27)***	0.04	(-0.10 to 0.17)
<i>Finland</i>	0.36	(-0.11 to 0.83)	0.03	(-0.33 to 0.39)	-0.67	(-0.99 to -0.35)***	0.05	(-0.28 to 0.38)
<i>Italy</i>	0.51	(0.32 to 0.70)***	0.82	(0.63 to 1.00)***	-0.05	(-0.16 to 0.06)	0.31	(0.22 to 0.41)***
<i>Ireland</i>	0.20	(-0.21 to 0.60)	-0.41	(-1.06 to 0.23)	0.45	(0.26 to 0.64)***	-0.44	(-0.77 to -0.11)*
<i>Spain</i>	-0.03	(-0.29 to 0.24)	0.30	(0.21 to 0.39)***	-0.24	(-0.60 to 0.12)	0.26	(0.15 to 0.36)***
<i>Portugal</i>	0.08	(-0.20 to 0.36)	0.61	(0.49 to 0.73)***	0.05	(-0.14 to 0.24)	0.60	(0.47 to 0.73)***
All countries	0.38	(0.19 to 0.56)***	0.36	(0.22 to 0.50)***	0.15	(-0.04 to 0.34)	0.18	(0.04 to 0.32)*

* = $p < 0.05$; ** = $p < 0.01$; *** = $p < 0.001$

¹ The regression analysis for men 70-74 could not be performed for Norway, as conversion of autocorrelation was not possible.