Data supplement

Table DS1 Results from Poisson regression models assessing the between-country temporal trends[a]

Phase	Gender	Excess trend in Scotland over England & Wales, %	95% CI		P
			Lower	Upper	
Phase 1 (1960–1967)	Men	0.62	−1.34	2.62	0.54
Phase 2 (1968–1991)		0.39	0.10	0.69	0.01
Phase 3 (1992–2008)		1.22	0.80	1.65	<0.001
Phase 1 (1960–1967)	Women	1.34	−1.11	3.85	0.29
Phase 2 (1968–1991)		−0.07	−0.45	0.32	0.74
Phase 3 (1992–2008)		1.22	0.50	1.95	0.001

a. Poisson models with the observed number of deaths as the outcome and population at risk as the exposure, controlling for country, year, age and country × year.

Table DS2 Results from Poisson regression models assessing the within-country temporal trends[a]

Phase	Gender	Country	Average annual change, %	95% CI		P
				Lower	Upper	
Phase 1 (1960–1967)	Men	England & Wales	−2.46	−2.99	−1.92	<0.001
		Scotland	−1.76	−3.60	0.11	0.065
	Women	England & Wales	−1.01	−1.65	−0.37	0.002
		Scotland	0.52	−1.83	2.92	0.67
Phase 2 (1968–1991)	Men	England & Wales	1.38	1.28	1.48	<0.001
		Scotland	1.82	1.54	2.10	<0.001
	Women	England & Wales	−1.49	−1.62	−1.37	<0.001
		Scotland	−1.49	−1.85	−1.12	<0.001
Phase 3 (1992–2008)	Men	England & Wales	−1.65	−1.81	−1.49	<0.001
		Scotland (1992–2002)	1.19	0.44	1.94	0.002
		Scotland (2003–2008)	1.09	−0.84	3.05	0.27
	Women	England & Wales	−1.95	−2.22	−1.68	<0.001
		Scotland	−0.70	−1.35	−0.04	0.04

a. Poisson models with the observed number of deaths as the outcome and population at risk as the exposure, controlling for year and age.

Table DS3 Results from Poisson regression models assessing the between-country temporal trends according to age group for the period 1968–2008[a]

Age group, years	Gender	Excess trend in Scotland over England & Wales, %	95% CI Lower	95% CI Upper	P
15–44	Men	1.48	1.31	1.66	<0.001
	Women	1.53	1.24	1.82	<0.001
45–64	Men	0.84	0.62	1.05	<0.001
	Women	1.09	0.80	1.39	<0.001
65 and over	Men	1.37	1.04	1.70	<0.001
	Women	1.29	0.89	1.69	<0.001

a. Poisson models with the observed number of deaths as the outcome and population at risk as the exposure, controlling for country, year, age and country × year.

Table DS4 Results from Poisson regression models assessing the within-country temporal trends according to age group for the period 1968–2008[a]

Age group, years	Gender	Country	Average annual change, %	95% CI Lower	95% CI Upper	P
15–44	Men	England & Wales	1.08	1.01	1.14	<0.001
		Scotland	2.60	2.44	2.77	<0.001
	Women	England & Wales	−1.19	−1.29	−1.08	<0.001
		Scotland	0.32	0.05	0.59	0.020
45–64	Men	England & Wales	−0.64	−0.72	−0.57	<0.001
		Scotland	0.18	−0.02	0.39	0.076
	Women	England & Wales	−2.97	−3.07	−2.87	<0.001
		Scotland	−1.93	−2.19	−1.66	<0.001
65 and over	Men	England & Wales	−2.29	−2.39	−2.19	<0.001
		Scotland	−0.84	−1.15	−0.53	<0.001
	Women	England & Wales	−3.47	−3.59	−3.35	<0.001
		Scotland	−2.14	−2.51	−1.77	<0.001

a. Poisson models with the observed number of deaths as the outcome and population at risk as the exposure, controlling for year and age.