

Appendix 1

Time trend of suicide in Swiss male farmers and comparison with other men: a cohort study

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Supplementary data

Table S1: Hazard ratios and 95% confidence intervals (CIs) for suicide from multivariable Cox regression models including profession (comprehensive definition of farmer vs non-farmer), calendar period (Model 1), marital status (Model 2), and type of household, religion and language region (Model 3) as predictor variables.

Cox regression model		Only farmers and calendar period	+ Marital status	+ Type of household, religion and language region
		Hazard ratio (95% CI)	Hazard ratio (95% CI)	Hazard ratio (95% CI)
Profession	Non-farmers	1 (ref)	1 (ref)	1 (ref)
	Farmers (comprehensive definition)	1.12 (1.02–1.22)	1.13 (1.03–1.23)	1.17 (1.07–1.28)
Calendar periods	1991–1994	1 (ref)	1 (ref)	1 (ref)
	1995–1998	0.92 (0.86–0.99)	0.90 (0.84–0.96)	0.90 (0.85–0.97)
	1999–2002	0.83 (0.77–0.89)	0.79 (0.74–0.85)	0.79 (0.74–0.84)
	2003–2006	0.71 (0.66–0.76)	0.67 (0.63–0.72)	0.66 (0.62–0.71)
	2007–2010	0.69 (0.64–0.74)	0.63 (0.58–0.67)	0.62 (0.58–0.66)
	2011–2014	0.58 (0.53–0.62)	0.51 (0.47–0.55)	0.50 (0.47–0.54)
Marital status	Married		1 (ref)	1 (ref)
	Single		2.22 (2.11–2.35)	1.93 (1.81–2.06)
	Widowed		2.05 (1.80–2.34)	1.82 (1.60–2.08)
	Divorced		2.09 (1.96–2.22)	1.78 (1.66–1.91)
Type of household	Two or more persons			1 (ref)
	Single			1.32 (1.24–1.40)
Religion	Protestant			1 (ref)
	Catholic			0.90 (0.86–0.94)
	No affiliation			1.22 (1.14–1.30)
	Other			0.97 (0.85–1.09)
Language region	German			1 (ref)
	French			1.14 (1.09–1.20)
	Italian			0.67 (0.59–0.77)

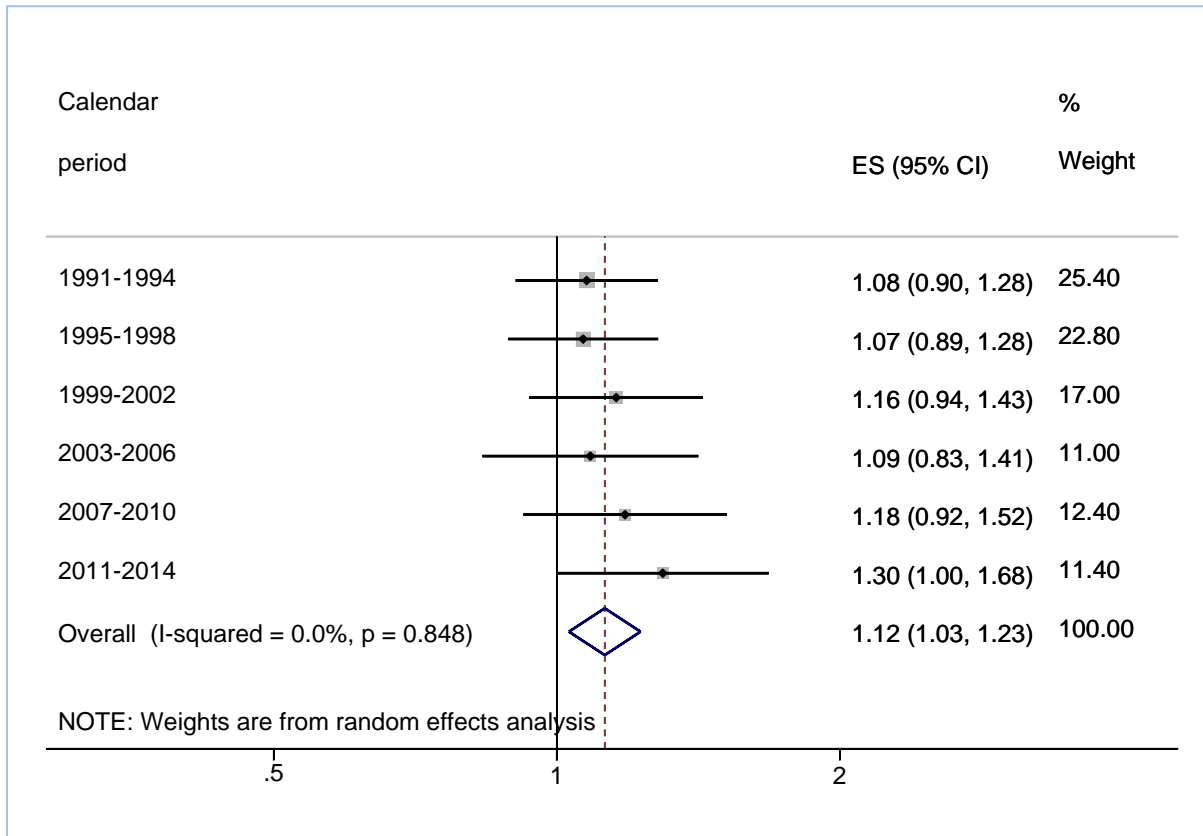


Figure S1: Standardised mortality ratios comparing suicide rates in male farmers (comprehensive definition) with the all men included in the study (95% confidence intervals), per time period and over all calendar periods.