

# Tobacco-related cancer mortality: projections for different geographical regions in Switzerland

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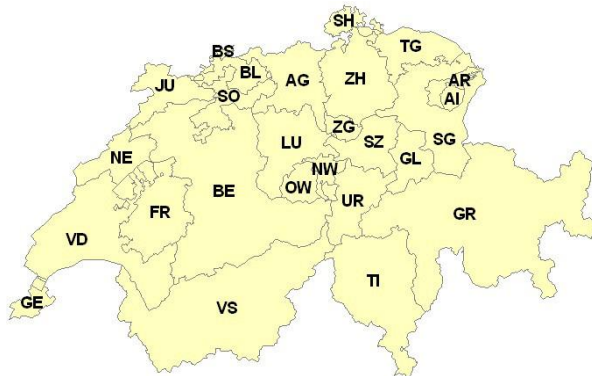
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## Appendix A

### Details of the Swiss cantons

Zurich (ZH), Bern (BE), Lucerne (LU), Uri (UR), Schwyz (SZ), Obwalden (OW), Nidwalden (NW), Glarus (GL), Zug (ZG), Fribourg (FR), Solothurn (SO), Basel-Stadt (BS), Basel-Landschaft (BL), Schaffhausen (SH), Appenzell Ausserrhoden (AR), Appenzell Innerrhoden (AI), St. Gallen (SG), Graubünden (GR), Aargau (AG), Thurgau (TG), Ticino (TI). Vaud (VD), Valais (VS), Neuchâtel (NE), Geneva (GE), Jura (JU).



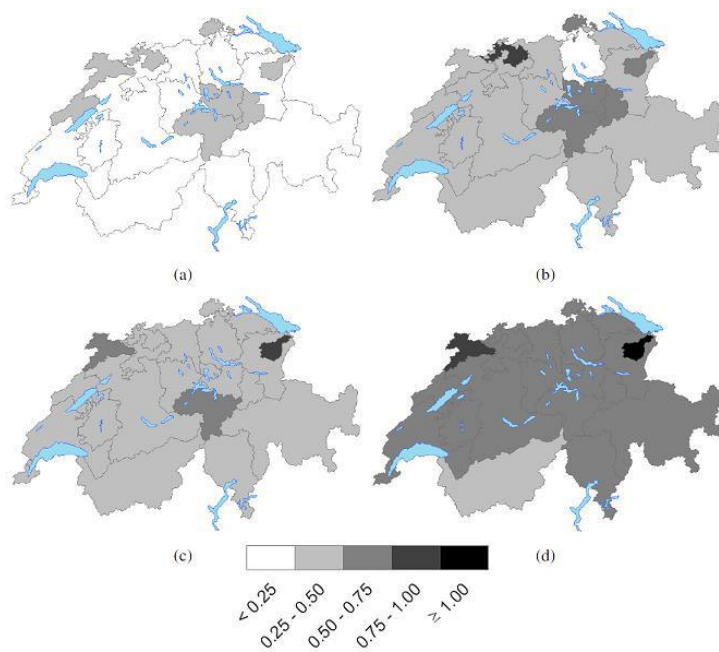
**Figure A1**

Swiss cantons labelled with their abbreviations.

## Details of the results: Accuracy of estimates

**Table A1:** Age-standardised tobacco-related cancer mortality rates (per 100,000), observed (during 2004–2008) and predicted (posterior median during 2009–2013 and 2014–2018) by language region for males and females. The numbers in the brackets correspond to 95% Bayesian credible intervals.

	2004–2008	2009–2013	2014–2018
<b>Males</b>			
German	45.6	42.0 (39.9–45.3)	38.8 (35.1–45.3)
French	55.4	50.4 (46.7–55.0)	45.7 (38.9–54.4)
Italian	52.8	49.2 (44.7–53.8)	45.8 (38.8–53.8)
<b>Females</b>			
German	19.3	21.5 (20.3–22.7)	23.9 (21.3–26.8)
French	21.4	23.1 (21.1–24.9)	24.7 (21.3–28.1)
Italian	20.9	23.5 (20.6–26.6)	25.5 (20.7–30.6)



**Figure A2**

Maps showing the width of the 95% Bayesian credible intervals relative to the actual tobacco-related cancer mortality rates (shown in figs 6 and 7) for males in (a) period 6 (2009–2013); (b) period 7 (2014–2018) and females in (c) period 6; (d) period 7.

**Table A2:** Age-standardised tobacco-related cancer mortality rates (per 100,000), observed (during 2004–2008) and predicted (posterior median during 2009–2013 and 2014–2018) at cantonal level for males and females age ≥50 years. The numbers in the brackets correspond to 95% Bayesian credible intervals.

Canton	Males			Females		
	2004–2008	2009–2013	2014–2018	2004–2008	2009–2013	2014–2018
ZH	43.0	38.7 (36.4–41.3)	35.0 (31.5–39.2)	20.6	20.6 (16.8–24.6)	21.6 (16.6–27.5)
BE	46.3	42.5 (39.7–46.2)	39.2 (35.1–45.4)	18.1	19.1 (15.6–22.9)	20.9 (15.4–26.8)
LU	44.6	38.2 (34.3–43.7)	33.5 (28.0–42.6)	16.3	17.3 (14.3–21.4)	18.8 (14.4–24.9)
SZ	44.3	39.9 (34.0–47.3)	35.2 (27.5–45.9)	19.2	24.8 (19.8–30.2)	28.6 (20.5–37.7)
UR/OW/NW	41.3	36.9 (31.2–44.2)	34.1 (26.5–44.4)	17.6	20.7 (16.1–26.6)	24.4 (17.3–34.8)
GL	54.1	50.7 (38.0–62.1)	49.4 (33.9–66.1)	22.1	21.0 (16.6–25.3)	23.8 (17.5–31.2)
ZG	36.6	36.3 (30.2–42.7)	33.9 (26.0–43.1)	16.0	21.2 (16.2–26.7)	24.2 (16.1–33.5)
FR	58.5	50.4 (44.8–57.0)	41.9 (34.2–52.0)	21.3	21.5 (17.6–25.9)	22.9 (17.6–30.1)
SO	48.8	44.8 (40.0–50.1)	40.6 (33.8–48.8)	21.1	21.9 (16.9–26.6)	24.1 (16.7–31.3)
BS	58.1	53.3 (47.6–60.3)	49.3 (41.3–60.5)	27.4	27.9 (22.2–35.0)	29.7 (21.8–40.3)
BL	44.3	40.8 (35.1–52.5)	38.2 (29.5–63.5)	19.4	20.3 (16.3–25.6)	21.4 (15.9–29.2)
SH	50.6	45.2 (37.4–54.2)	42.0 (31.6–53.8)	17.4	22.6 (17.6–27.6)	26.2 (17.9–34.0)
AR/AI	34.0	32.1 (23.8–38.8)	28.2 (17.8–37.7)	13.2	15.9 (6.3–21.1)	16.2 (2.8–25.6)
SG	49.1	45.9 (41.9–53.2)	43.2 (37.0–55.8)	18.0	18.3 (15.2–22.9)	19.4 (15.2–26.6)
GR	51.1	47.5 (42.2–53.9)	44.4 (36.7–54.2)	19.9	18.8 (15.8–24.5)	19.7 (15.4–27.9)
AG	43.6	39.1 (35.8–42.7)	34.6 (30.1–40.0)	19.5	21.6 (17.9–27.0)	23.8 (18.2–32.3)
TG	45.3	44.5 (39.5–49.9)	42.2 (35.5–50.2)	18.3	20.6 (16.4–25.1)	22.7 (16.8–29.4)
TI	52.8	48.1 (43.9–53.4)	44.1 (37.8–52.9)	20.9	23.9 (19.3–29.7)	26.1 (19.5–35.1)
VD	54.5	49.9 (45.9–56.2)	46.1 (39.8–56.4)	22.6	23.6 (19.0–28.6)	25.0 (18.6–32.8)
VS	57.2	52.9 (47.7–58.6)	49.1 (41.8–57.9)	21.2	23.6 (19.9–27.8)	26.3 (21.0–33.4)
NE	64.3	58.1 (51.7–68.0)	54.4 (45.6–69.7)	24.6	25.1 (20.9–31.5)	27.5 (21.1–37.2)
GE	49.5	44.9 (40.8–49.5)	40.8 (34.7–48.0)	18.6	19.3 (15.7–23.6)	19.1 (14.4–25.3)
JU	57.8	55.6 (46.7–65.6)	52.5 (40.7–66.5)	22.0	21.5 (17.6–28.7)	24.2 (18.3–38.0)