

Table 2.10 Meta-analysis based on cohort and case-control studies of oral use of smokeless tobacco and oesophageal cancer

Type of ST (region) ^a	Adjustments/restrictions ^b	Number of estimates (RR/OR ids)	Random-effects RR/OR (95% CI)
Any	Overall	10	1.25 (1.03–1.51)
	Smoking-Adjusted	7	1.13 (0.95–1.36)
	Never smokers	4	1.91 (1.15–3.17)
Any (USA)	Overall	6	1.56 (1.11–2.19)
	Smoking-Adjusted	3	1.89 (0.84–4.25)
	Never smokers	3	1.89 (0.84–4.25)
Snuff (Scandinavia)	Overall	4	1.10 (0.92–1.33)
	Smoking-Adjusted	4	1.10 (0.92–1.33)
	Never smokers	1	1.92 (1.00–3.68)

^a For each study/sex, the RR/OR for ST was included if available, otherwise that for chewing tobacco or snuff was used.

^b Smoking-adjusted includes estimates for smokers and non-smokers combined, adjusted for smoking if available, and estimates for never smokers otherwise.

CI, confidence interval; OR, odds ratio; RR, relative risk; ST, smokeless tobacco

From Lee and Hamling, (2009)