

**S2 Table.** Comparison of results from sensitivity analysis using the selected nine studies

Prevalence estimates of <i>Helicobacter pylori</i> by year	Overall GC (11 studies)	Overall GC (9 studies with adjustment for smoking and alcohol drinking)
	PAF, both	PAF, both
Pooled OR	1.69 (1.29-2.22)	1.72 (1.55-1.92)
1990 <sup>a)</sup>	33.9 (17.7-47.5)	34.9 (29.0-40.6)
1998	31.6 (16.2-44.9)	32.5 (26.9-38.1)
2005	28.8 (14.5-41.7)	29.7 (24.4-35.0)
2011	27.3 (13.6-39.9)	28.2 (23.1-33.4)
2016	23.2 (11.3-34.9)	24.0 (19.4-28.8)

GC, gastric cancer; OR, odds ratio; PAF, population attributable fraction. <sup>a)</sup>Estimates extrapolated backward using the reported *H. pylori* prevalences in 1998, 2005, 2011, and 2016.