S7 Table. Association of GC with alcohol consumption, and PRSs in the validation set (KoGES cohort)

	All GC		Intestinal type		Diffuse type	
Variable	OR (95% CI)	p	OR (95% CI)	p	OR (95% CI)	p
Alcohol consumption	1.08 (0.96-1.21)	0.192	1.15 (1.00-1.31)	0.046	0.98 (0.81-1.19)	0.854
PRS-GC	1.40 (1.26-1.57)	2.54×10^{-9}	1.34 (1.16-1.53)	3.50×10^{-5}	1.51 (1.28-1.79)	1.83×10^{-6}
PRS-Alcohol	0.99 (0.89-1.11)	0.876	0.92 (0.80-1.06)	0.262	1.11 (0.93-1.32)	0.264

A multiple logistic regression model including age, sex, body mass index, salt preference, smoking, family history of GC, *H. pylori* infection, alcohol consumption, PRS-GC and PRS-Alcohol as covariates. $p < 0.05$ indicates statistical significance. BMI, body mass index; CI, confidence interval; GC, gastric cancer; KoGES, Korean Genome and Epidemiology Study; OR, odds ratio; PRS, polygenic risk score.