S13 Table. Association of GC risk with alcohol consumption: replication by subgroup analysis in the KCPS-II cohort

Subgroup	OR (95% CI)	p	$p_{interaction}$
Low PRS-GC	1.004 (0.963-1.048)	0.848	0.020
High PRS-GC	1.083 (1.031-1.138)	0.001	
Low PRS-Alcohol	1.076 (1.028-1.126)	0.002	0.059
High PRS-Alcohol	1.010 (0.964-1.057)	0.682	
Low PRS-GC and Low PRS-Alcohol	1.060 (1.001-1.124)	0.047	0.016
Low PRS-GC and High PRS-Alcohol	0.966 (0.907-1.028)	0.276	
High PRS-GC and Low PRS-Alcohol	1.104 (1.023-1.191)	0.011	
High PRS-GC and High PRS-Alcohol	1.074 (1.006-1.146)	0.032	

ORs represent the increase in odds associated with a 20 g/day increment in alcohol consumption, adjusted for age, sex, body mass index, and smoking. $p < 0.05$ indicates statistical significance. CI, confidence interval; GC, gastric cancer; KCPS, Korean Cancer Prevention Study; OR, odds ratio; PRS, polygenic risk score.