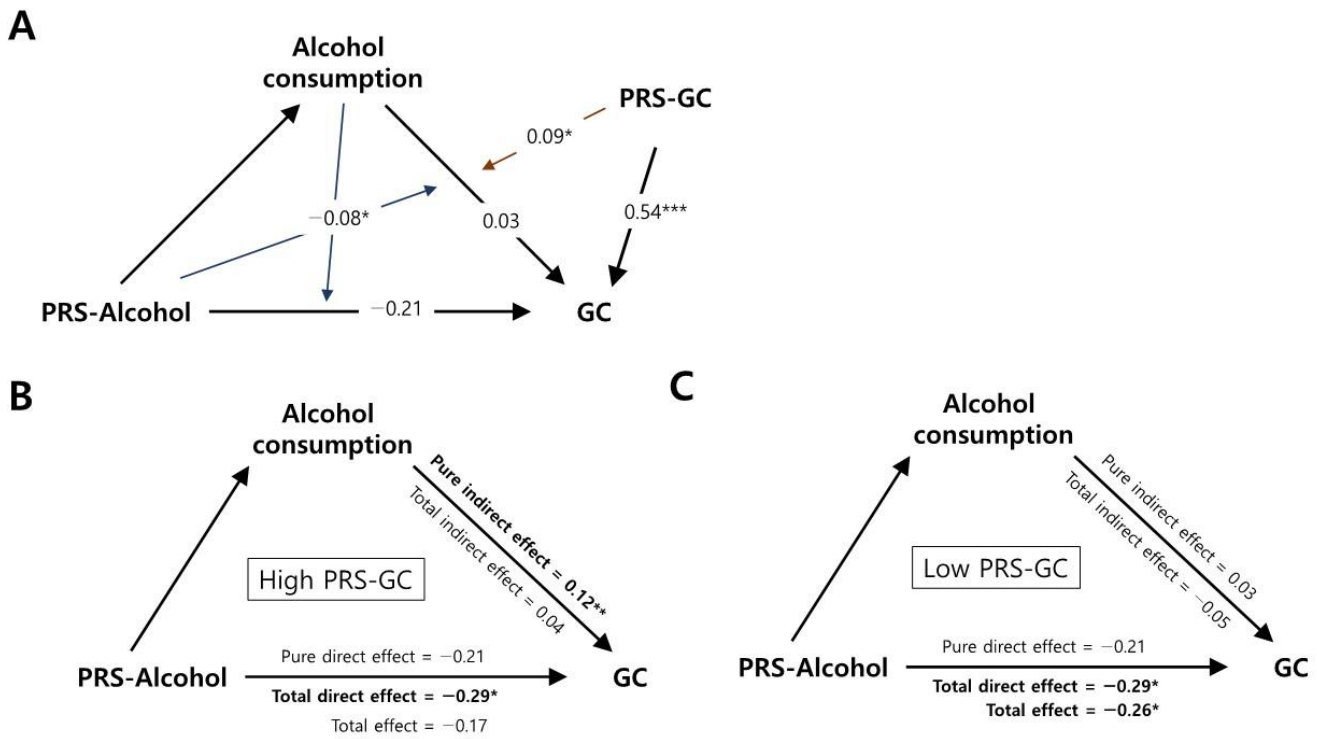

S12 Fig. Mediation effect of alcohol consumption between polygenic risk score (PRS)-Alcohol and gastric cancer (GC) with PRS-GC effect modification. (A) Estimated beta of the natural effects model. PRS-GC was dichotomized into low and high groups based on the 70th percentile, whereas PRS-Alcohol was dichotomized based on the 50th percentile. Effect decomposition in the (B) high-PRS-GC and (C) low-PRS-GC groups. *p < 0.05, **p < 0.01, ***p < 0.001.