

## Genotypes and alcohol intake

OR (95% CI)

ADH1B AA and ALDH2 GG

None

1.00 (ref)

0.1-<30 (g/d)

1.20 (0.78-1.85)

30≤ (g/d)

1.98 (1.19-3.31)

ADH1B AG/GG and ALDH2 GG

None

1.00 (ref)

0.1-<30 (g/d)

1.03 (0.62-1.72)

30≤ (g/d)

1.41 (0.76-2.62)

ADH1B AA and ALDH2 GA/AA

None

1.00 (ref)

0.1-<30 (g/d)

1.28 (0.59-2.78)

30≤ (g/d)

1.90 (0.78-4.64)

ADH1B AG/GG and ALDH2 GA/AA

None

1.00 (ref)

0.1-<30 (g/d)

0.67 (0.29-1.52)

30≤ (g/d)

3.27 (1.10-9.73)

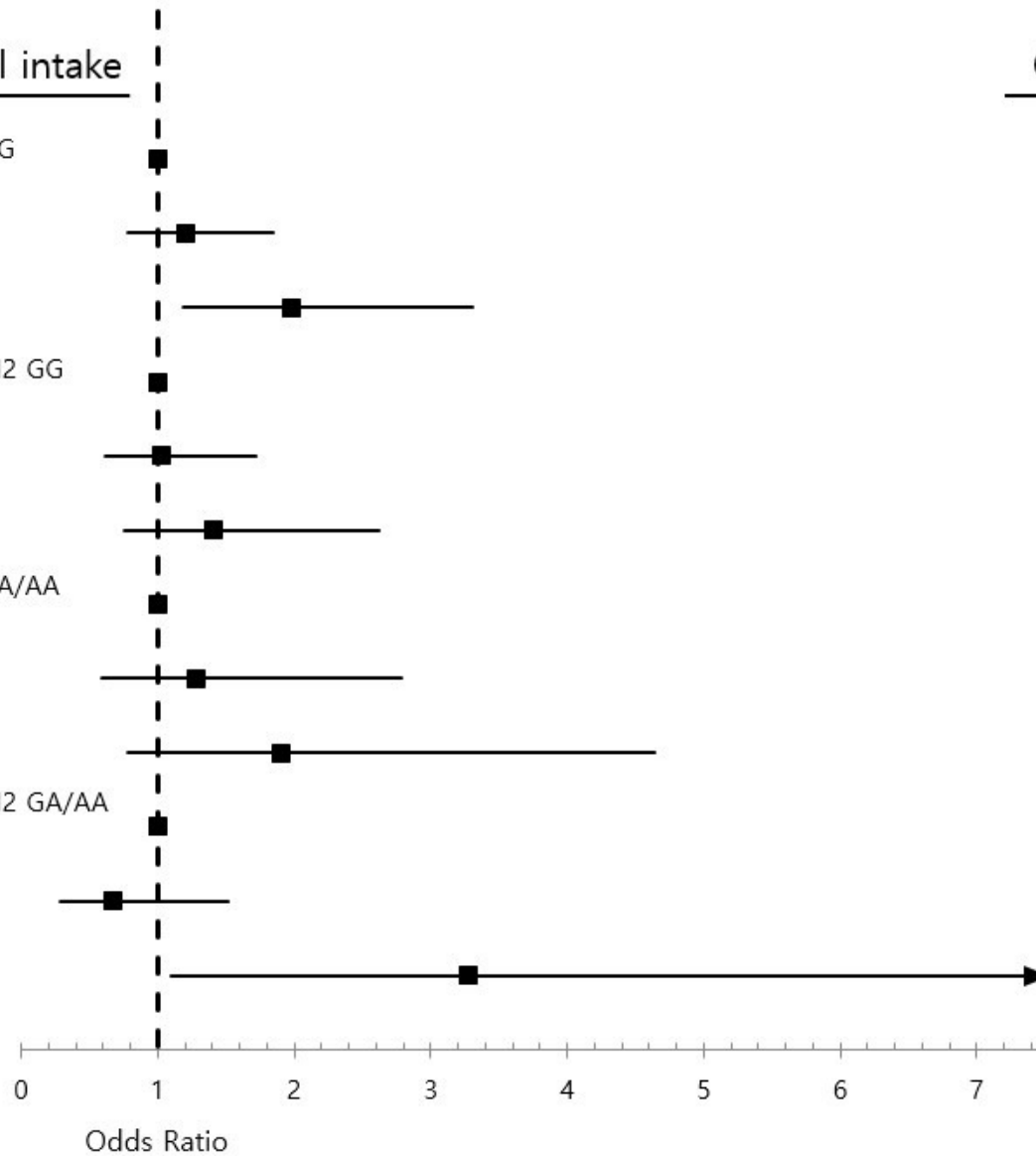


Figure S2. Association between alcohol intake and colorectal cancer risk according to *ADH1B* and *ALDH2* polymorphisms. The black squares indicate the study specific odds ratio (OR)s, the horizontal lines indicate the 95% CIs, and the dash line indicates the referent group. Models were adjusted for age (years, continuous), sex, pack-years of smoking (continuous), body mass index (kg/cm<sup>2</sup>, continuous), and education level (less than high school, high school, and more than high school). Comparing individuals who drank  $\geq 30$  or greater g/d with non-drinkers, ORs (95% CIs) were 1.98 (1.19-3.31) among those with the *ADH1B* AA and *ALDH2* GG types, 1.41 (0.76-2.62) among those with the *ADH1B* AG/GG and *ALDH2* GG genotypes, 1.90 (0.78-4.64) among those with the *ADH1B* AA and *ALDH2* GA/AA genotypes, and 3.27 (1.10-9.73) among those with the *ADH1B* AG/GG and *ALDH2* GA/AA genotypes (P for interaction=0.43).