

Table S2. Calculation of F-statistic.

$$F = \frac{N - k - 1}{k} \frac{R^2}{1 - R^2}$$

Left HGS: F-statistic = 1122.09

Right HGS: F-statistic = 1005.31

N: Sample size

k: The number of instrumental variants

R^2: The proportion of variance in the risk factor explained by the IVs