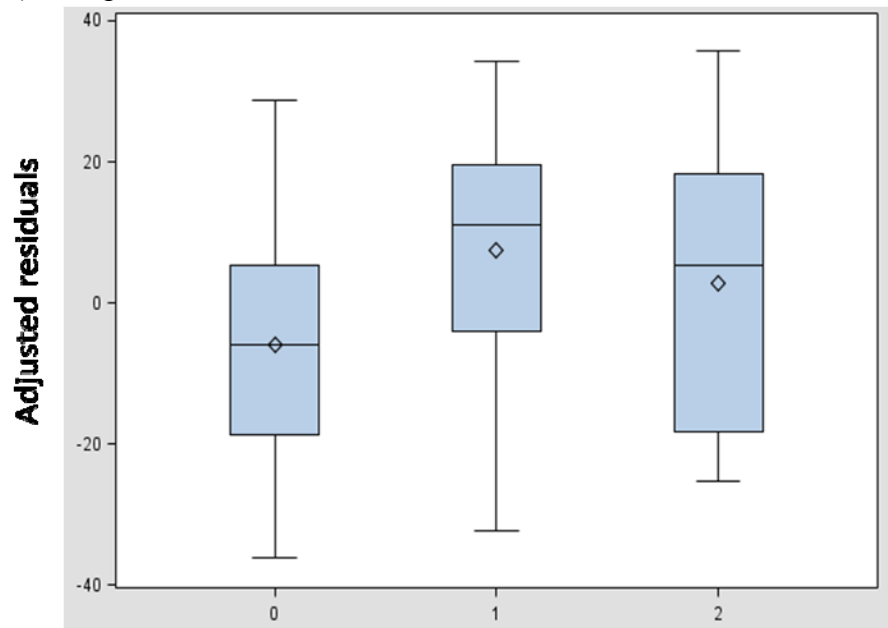


Supplementary Figure 2. Plot of the age- and BMI-adjusted percent mammographic density versus genotype for nulliparous and parous women. Y-axis represents residuals from a linear regression model of percent mammographic density on age, BMI, and dialect group for nulliparous women (A) and for parous women (B). X-axis represents the number of minor allele of rs2241716.

(A) Nulliparous women



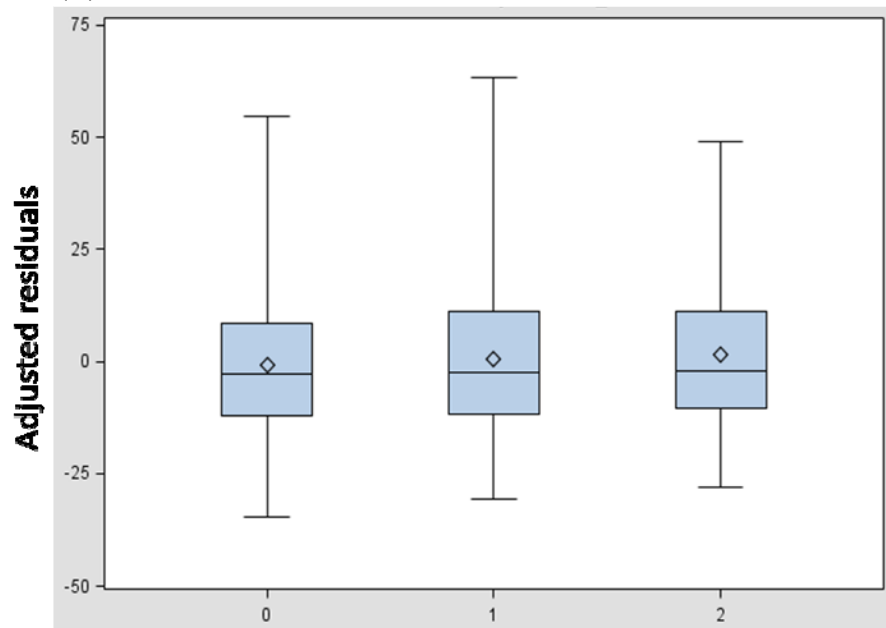
**N of minor alleles of rs2241716**

N of women:     71                    52                    10

Adjusted means of Percent density:

                  30.3%                    43.7%                    38.9%

(B) Parous women



**N of minor alleles of rs2241716**

983                    754                    161

20.4%                    21.5%                    22.6%