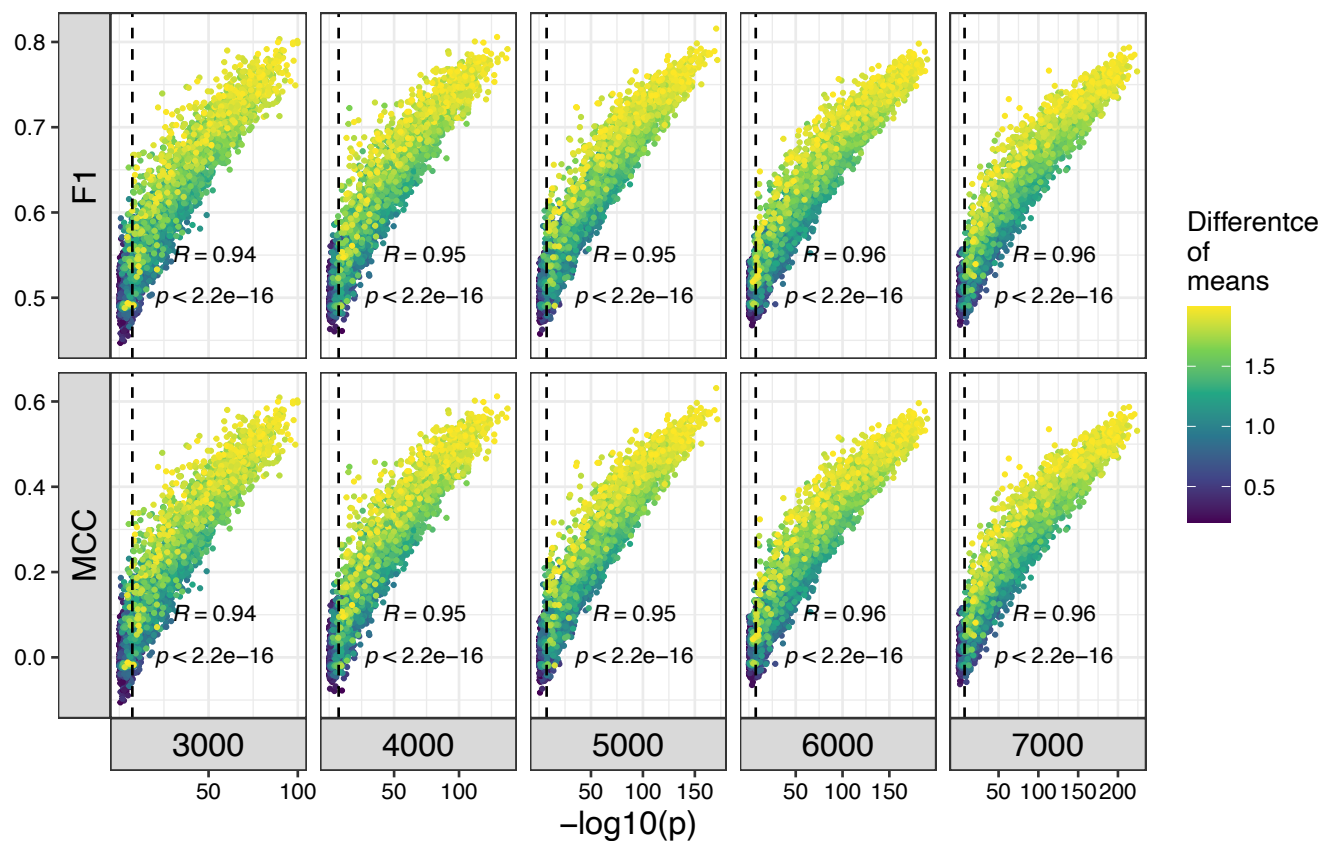
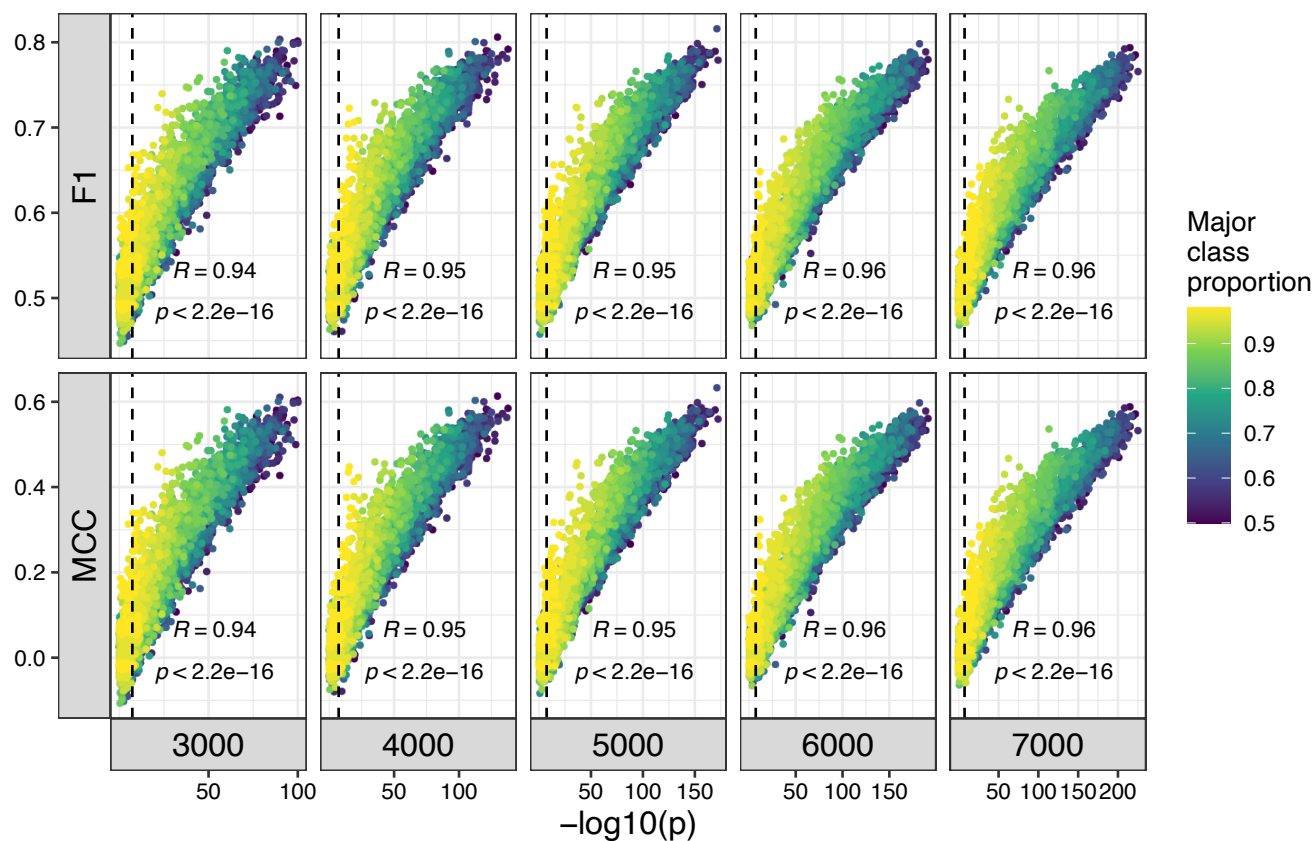


A



B



S2 Fig. Scatter plot showing the relationship between the classification performance and the two sample t-test p-values under different simulation settings. The x-axis is $-\log_{10}$ scale of the t-test p-values. The y-axis is the classification performance (MCC and macro F1). $N = 3000, 4000, 5000, 6000, 7000$. The dashed line is the GWAS threshold of $5e-8$. **(A)** Dots are colored by the difference between the mean of the two groups. **(B)** Dots are colored by difference in the proportion of the majority class.