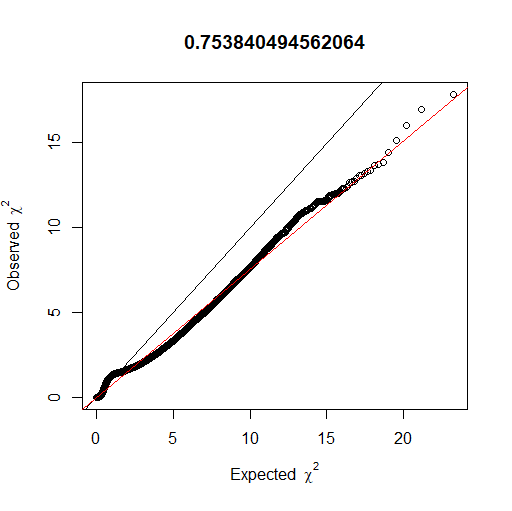
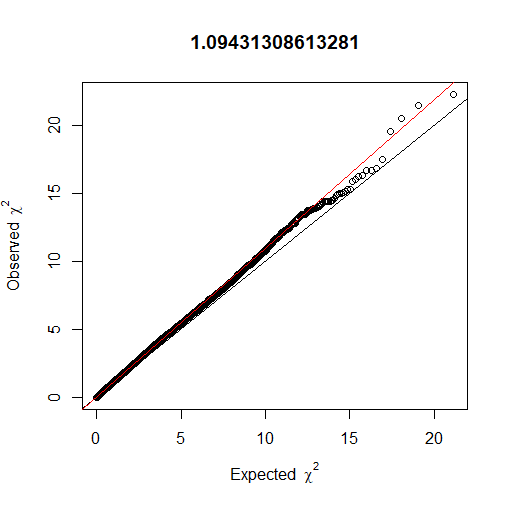
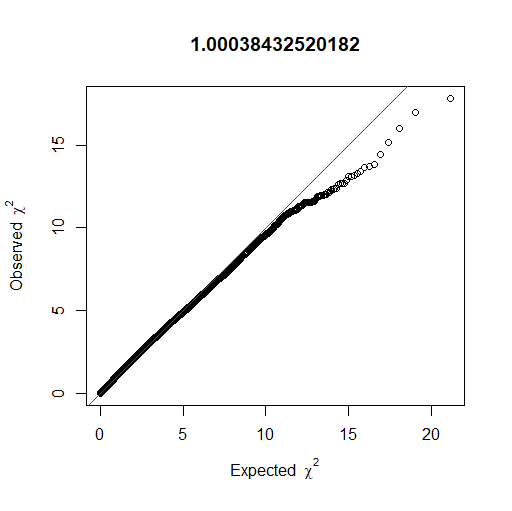
**S1 Fig. Q-Q plots.** Quantile–quantile plots a, b and c demonstrate the relationship between observed (y-axis) and expected (x-axis) test statistics.



A. Basic association B. Logistic association.



C.Logistic with covariates.