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**Figure e-1:** **Influence of heritability on metabolite measure estimates and log p-values in ERF and NTR**. To investigate for possible effects of heritability on metabolite measures in ERF (A and B) and NTR (C and D) we compared the estimates (A and C) and log p-values (B and D) between single metabolite logistic regression with metabolite concentrations, sex, and age as independent variables and migraine status as dependent variable, corrected for heritability with the same model uncorrected for heritability. Pearson correlation (r) and corresponding p-values of correlations between the estimates and log p-values are given in the respected plots. ERF=Erasmus Rucphen Family study, NTR=Netherlands Twin Registry.