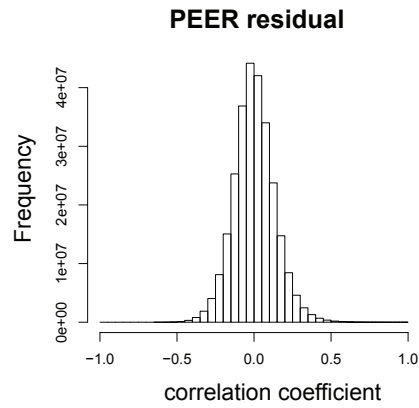
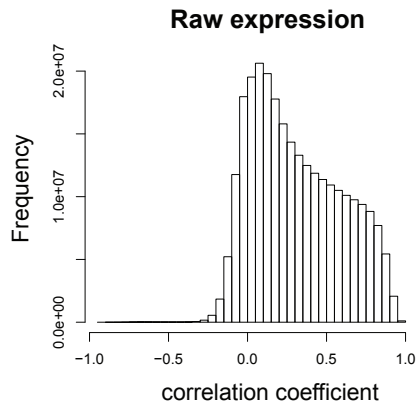


Figure S2

GTEx hippocampus



GTEx hypothalamus

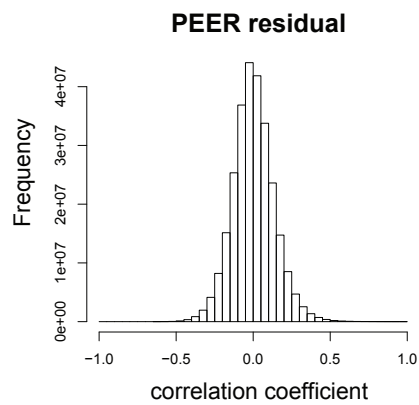
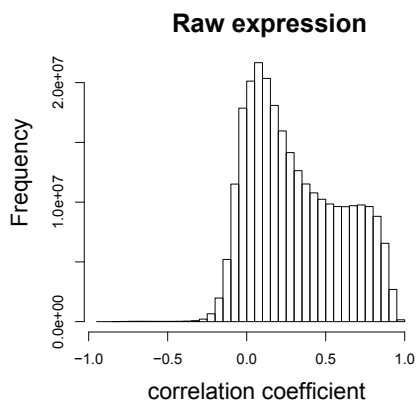


Figure S2. Covariates in expression datasets affects the co-expressions between genes.

The hippocampus (**upper**) and hypothalamus (**lower**) datasets from GTEx were used as examples to illustrate the influence of covariates in the co-expressions between genes. The distributions of correlation coefficient of all gene pairs from either the raw expression data (**left**) or expression residual from PEER (**right**) were compared.