TFA v. TFA$^{\text{-gene i}}$, N=108850

CDF(Correlations)

$\text{Correlation}(A(k), A^{-i}(k)), \forall k \text{ s.t. } P(i,k) \neq 0$

Figure S31. **Effect of individual target genes on prior-based TFA estimation.** The empirical cumulative distribution function (CDF) of Pearson correlation coefficients between TFA estimates from **Equation 2** versus **Equation 6**, using the Th17 ATAC prior. For each of the 2093 target genes with edges in the prior P, **Equation 6** is solved for A^{-i}. For each gene i, correlations are limited to those TFs k for which $P(i,k) \neq 0$, yielding 108,850 correlation coefficients.