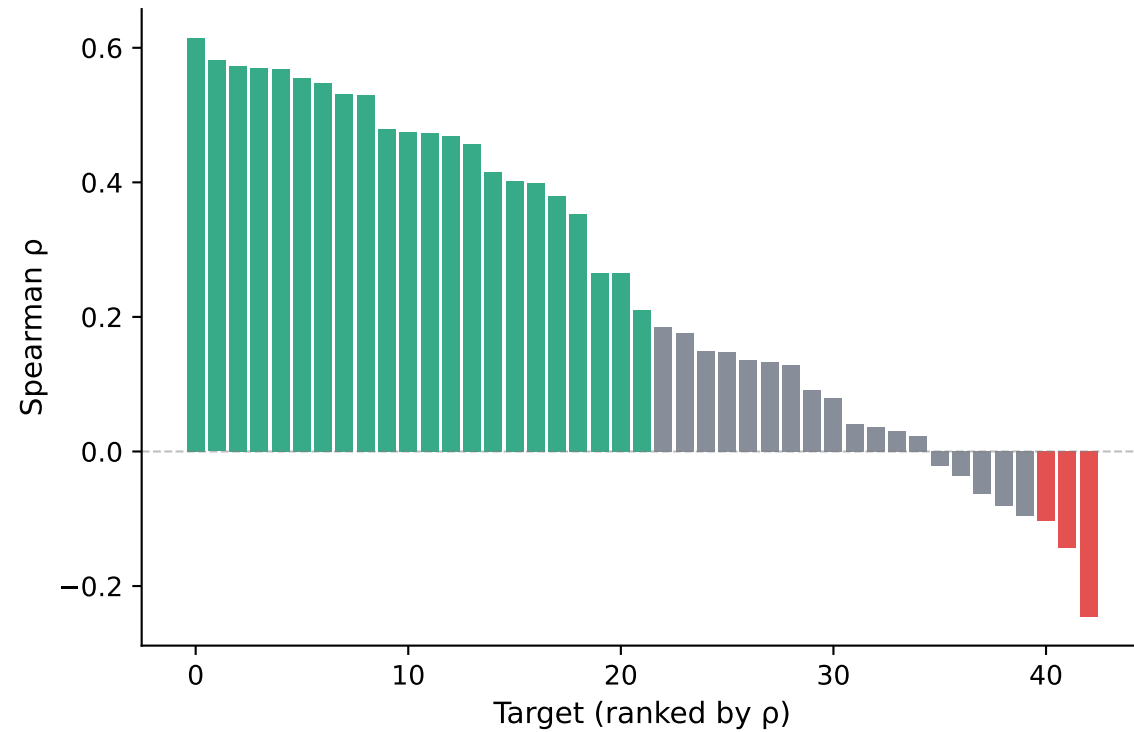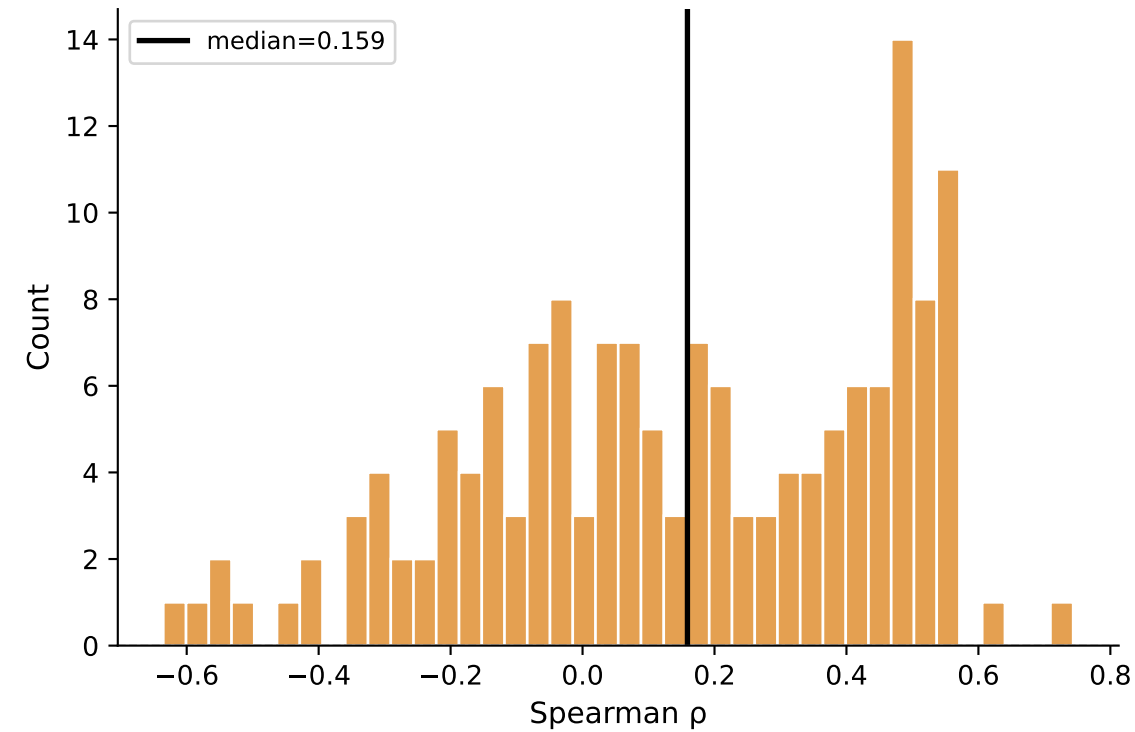**Bulk RNA-seq Validation: Donor-Level Spearman Correlation**
(CytoSig/LinCytoSig/SecAct predicted activity vs target gene expression)
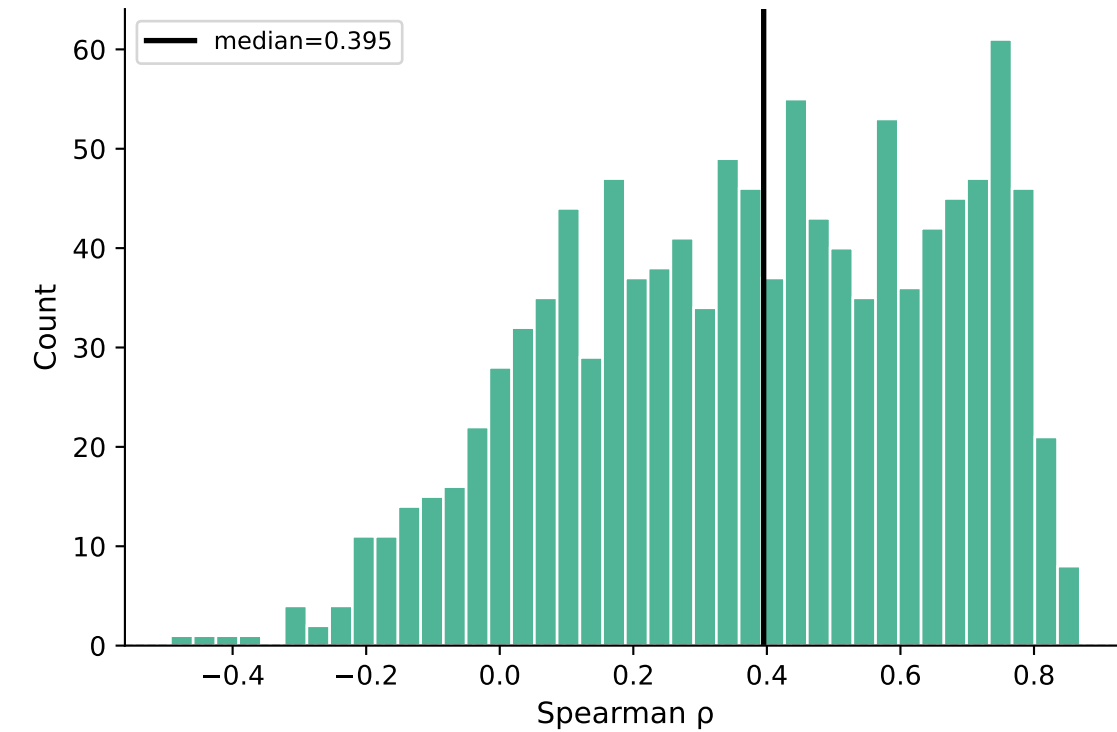
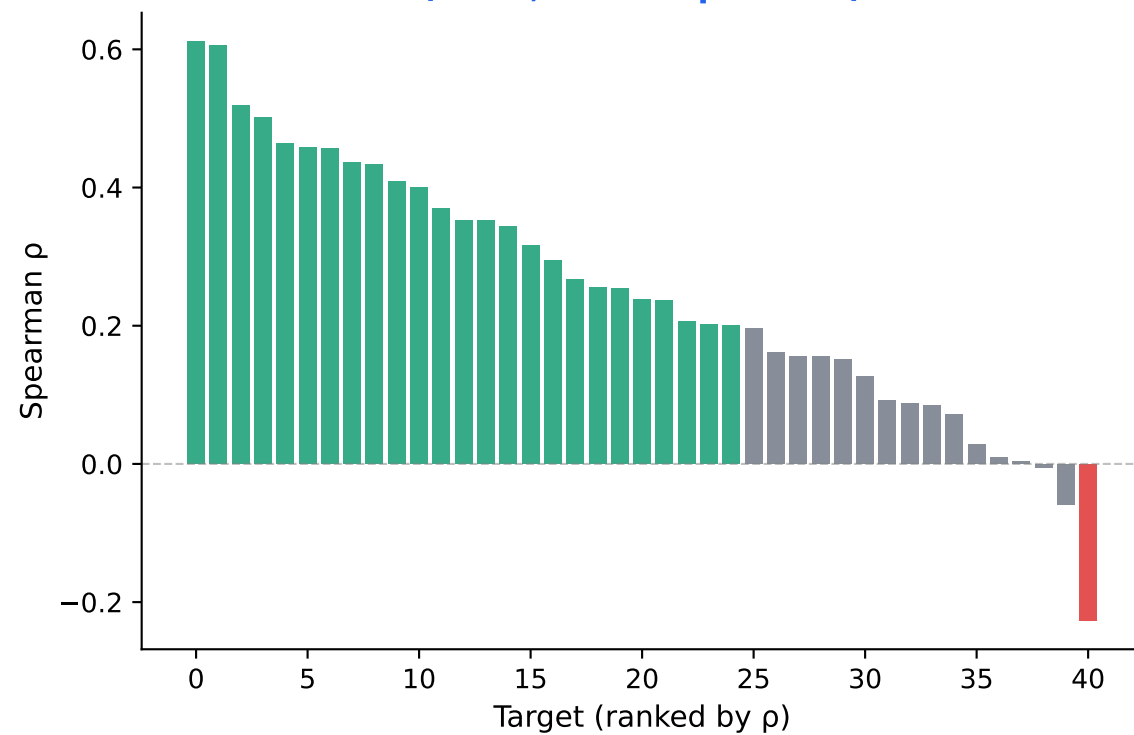GTEx — CYTOSIG (n=43, median ρ=0.211)
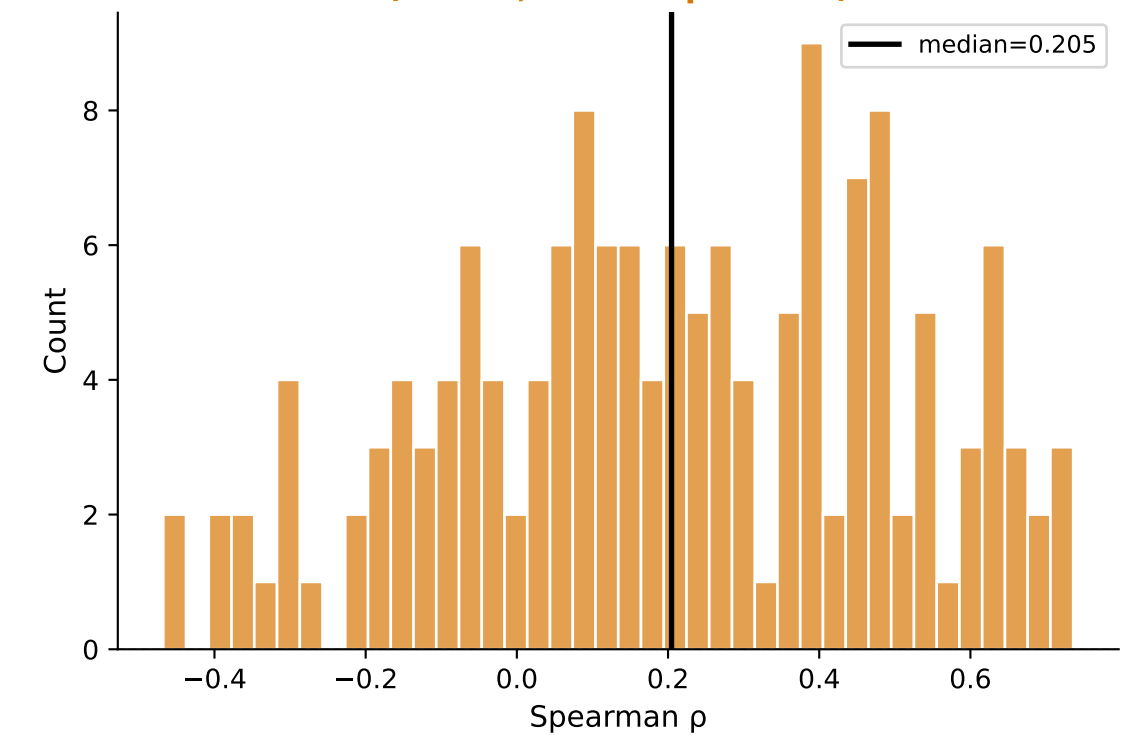
GTEx — LINCYTOSIG (n=156, median ρ=0.159)

GTEx — SECACT (n=1132, median ρ=0.395)

TCGA — CYTOSIG (n=41, median ρ=0.238)

TCGA — LINCYTOSIG (n=152, median ρ=0.205)

TCGA — SECACT (n=1085, median ρ=0.415)