## Predictors vs experimental outcome ABC (A=scATAC, C=power law) ARC-E2G score Distance to TSS (kb) 2500 1.00 -5 2000 -0.75 1500 -3 0.50 1000 -0.25 500 0.00 0 FALSE TRUE TRUE FALSE TRUE FALSE Kendall correlation scE2G (ATAC) scE2G (Multiome) 0.16 1.00 Predictor value (sqrt) 1.00 0.75 0.75 0.50 0.50 0.25 0.25 0.00 0.00 FALSE FALSE TRUE FALSE TRUE TRUE STARE (gABC, power law) 0.75 0.50 0.25

Experimental E-G pair

0.00

FALSE

TRUE