

PrivaSeq Figure Pack

May 12, 2015

Fig 1a: Linking Attack Scenario

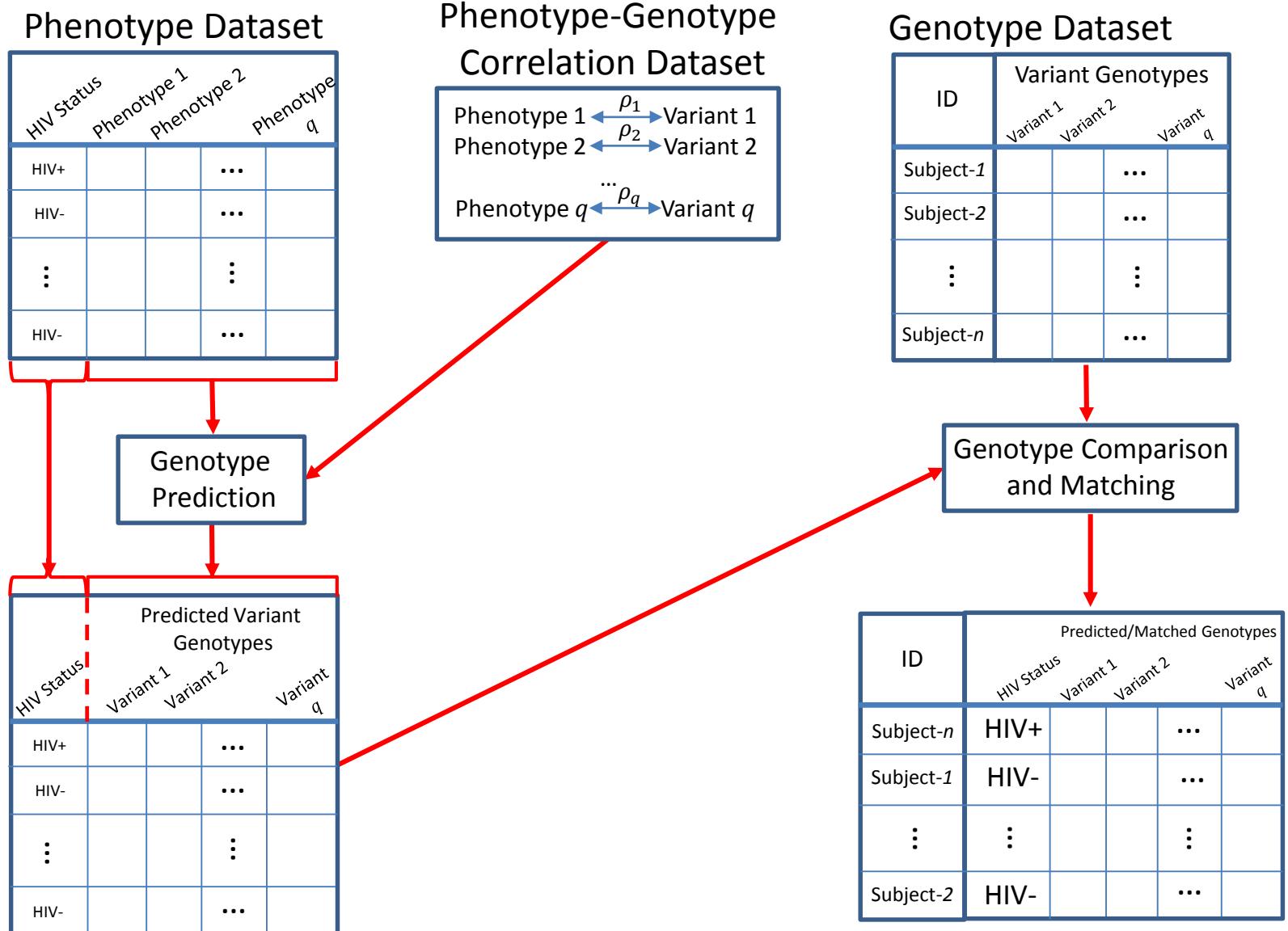


Fig 1b: Datasets

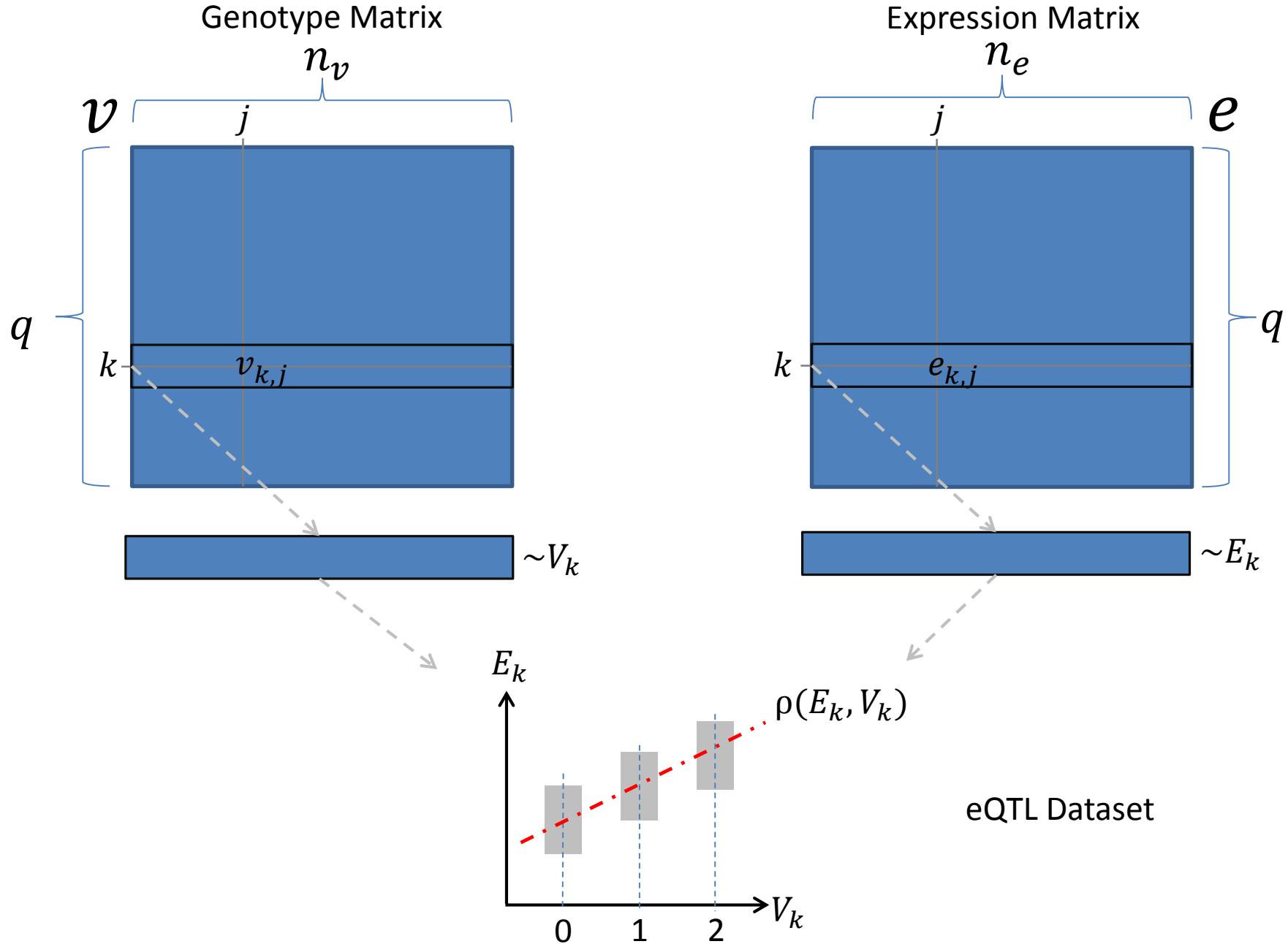


Fig 2a

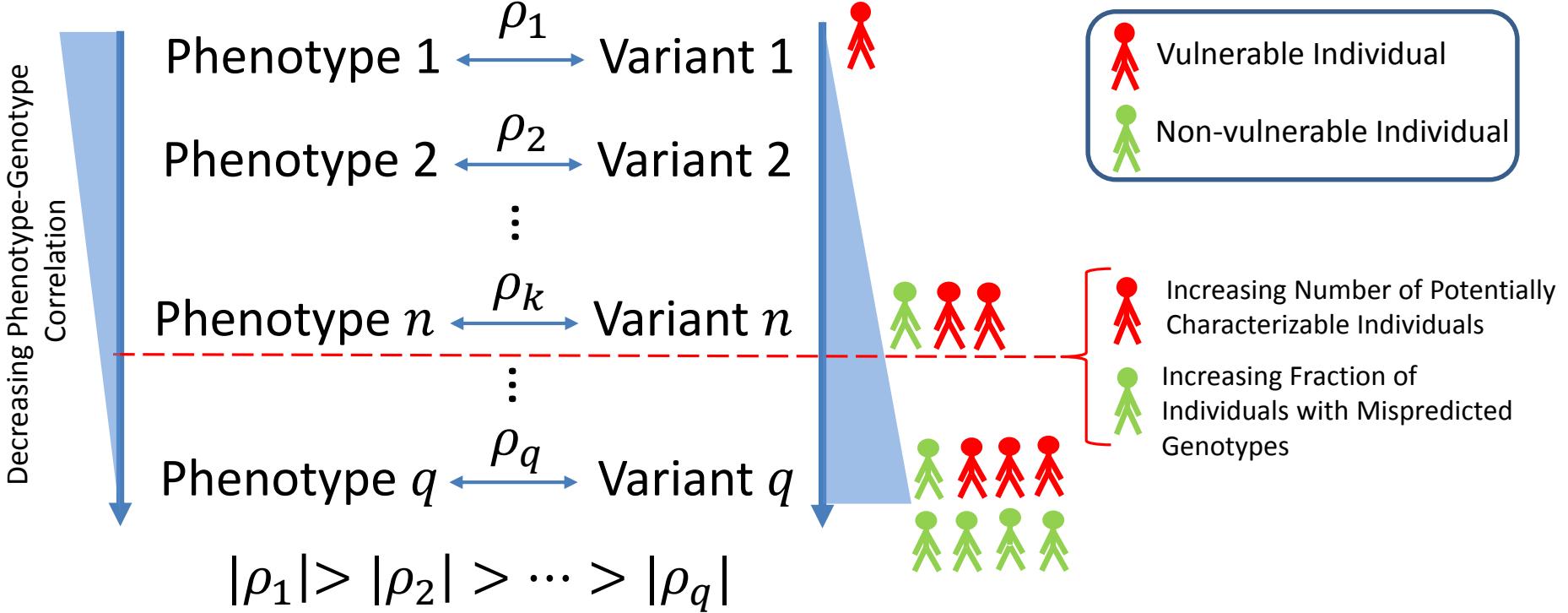


Fig 2b

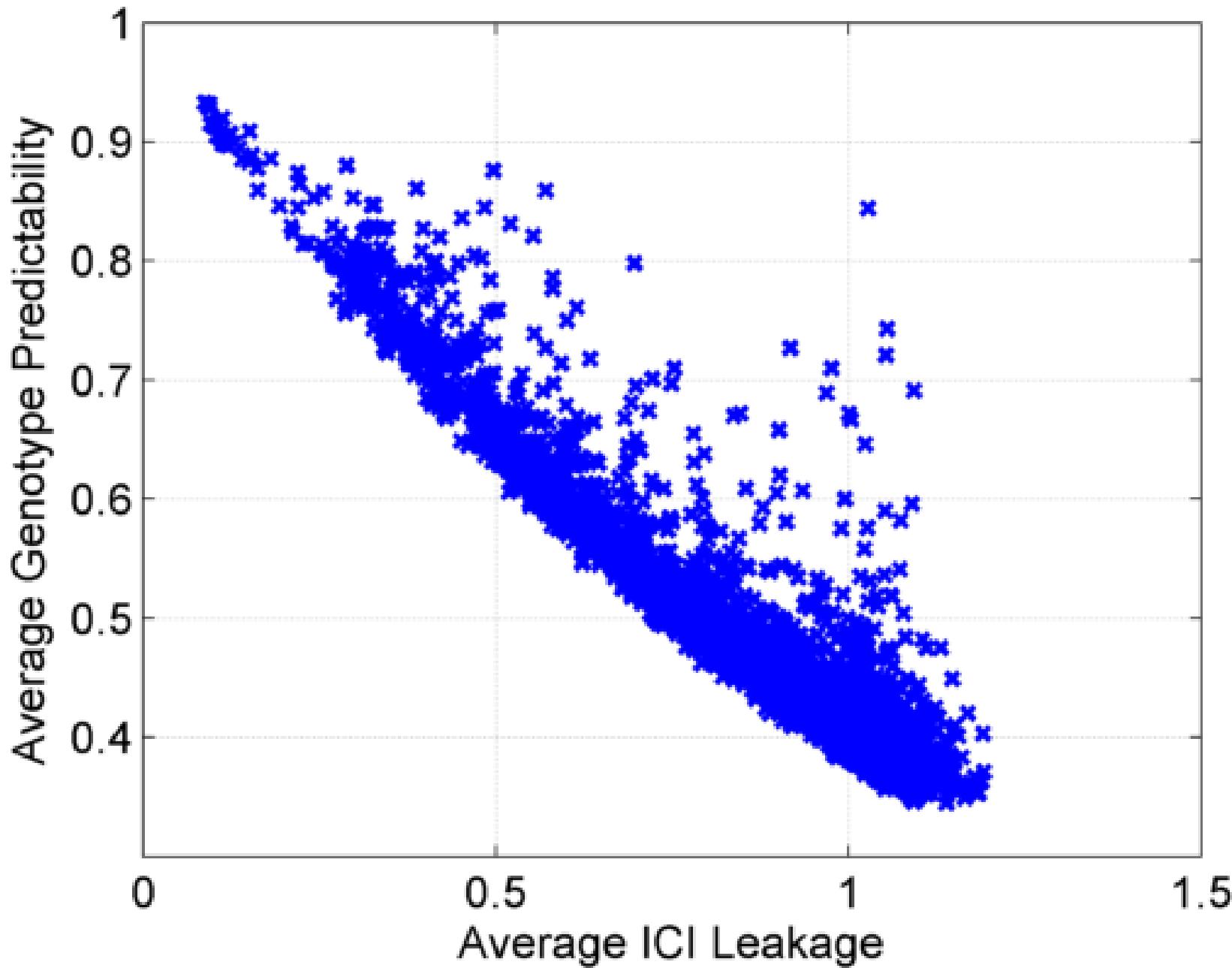


Fig 2cde: Predictability vs Information leakage: Multiple eQTLs

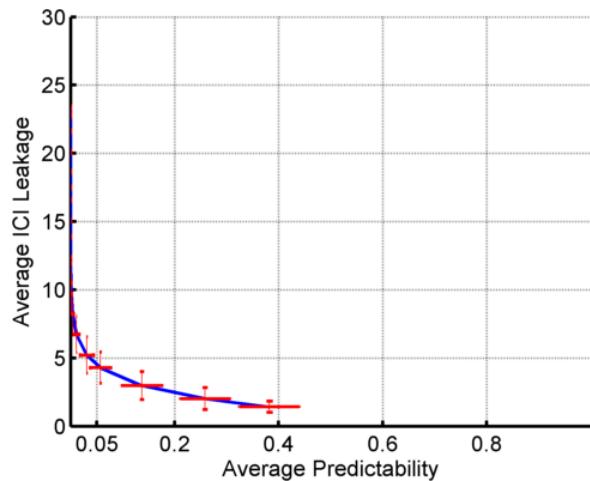
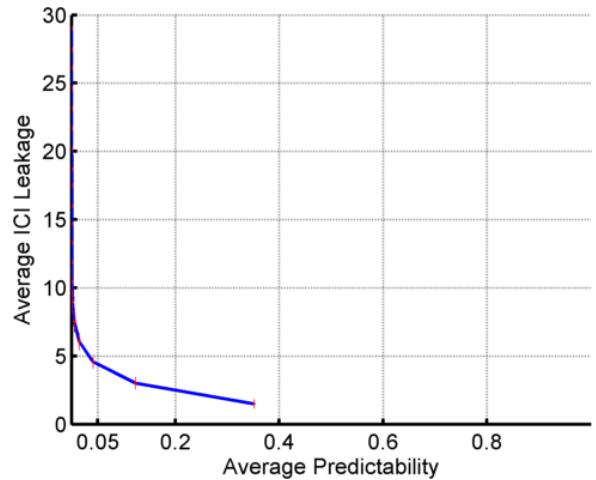
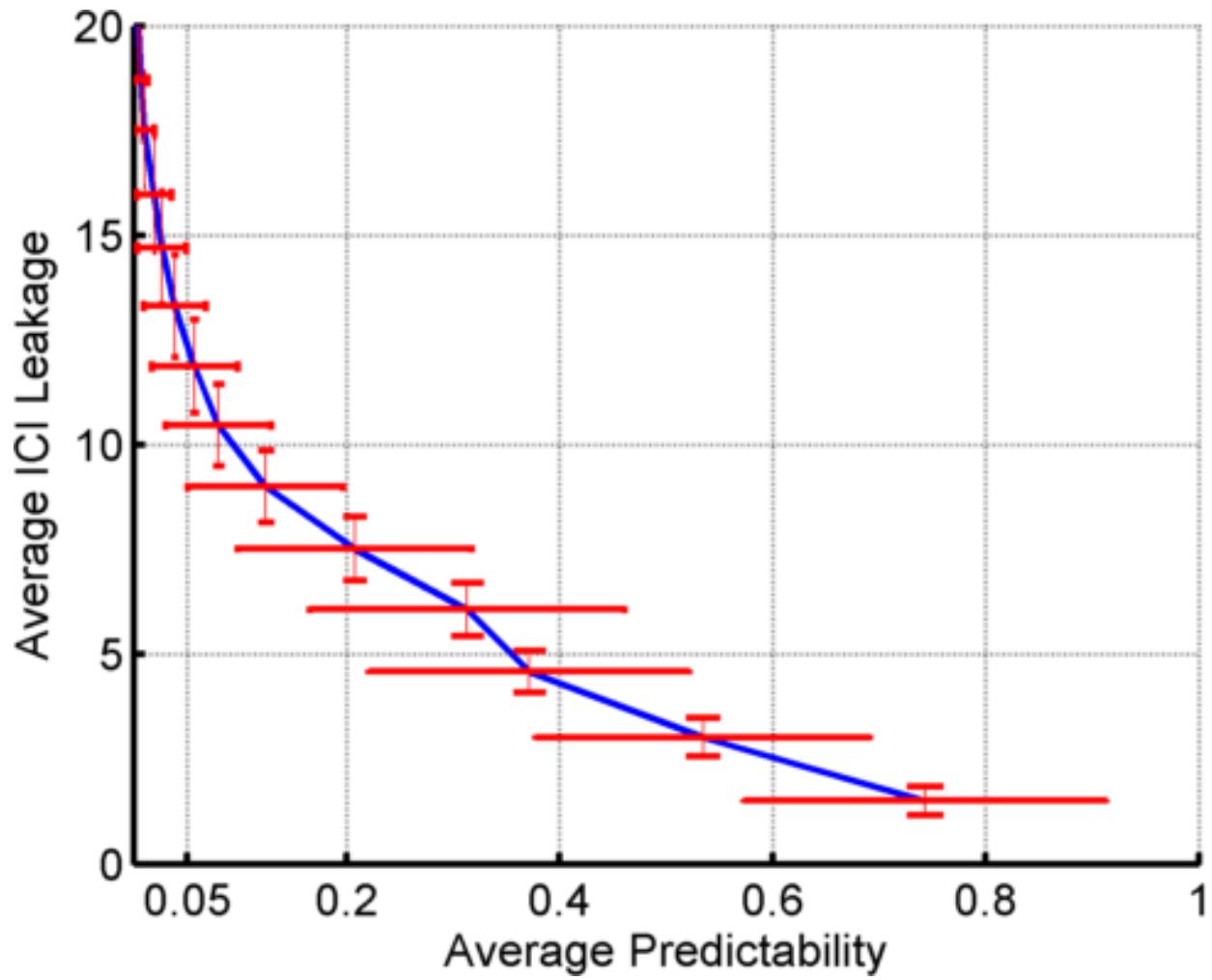


Fig 3: 3 Steps of Linking Attack

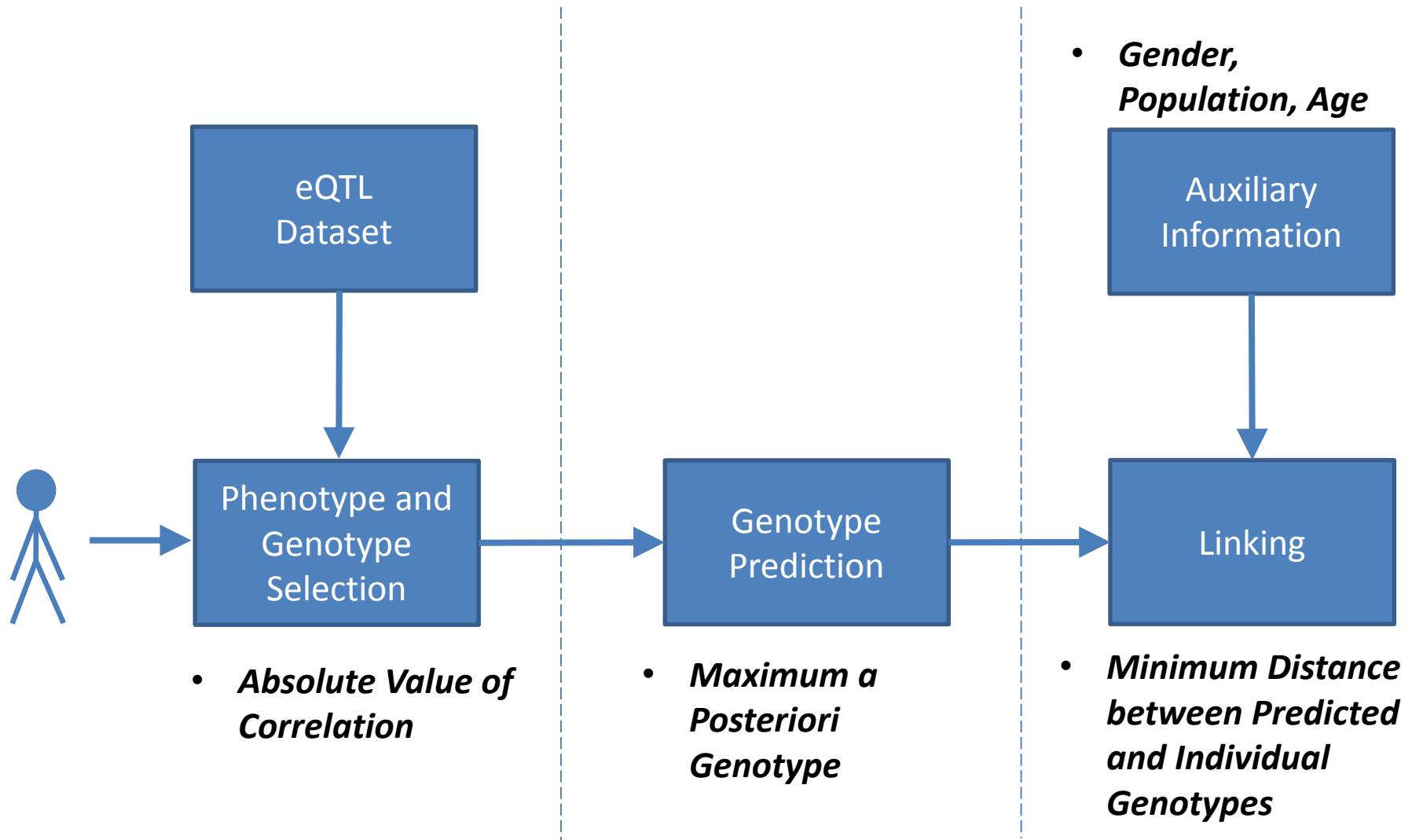


Figure 4a: MAP Genotype Prediction Accuracy

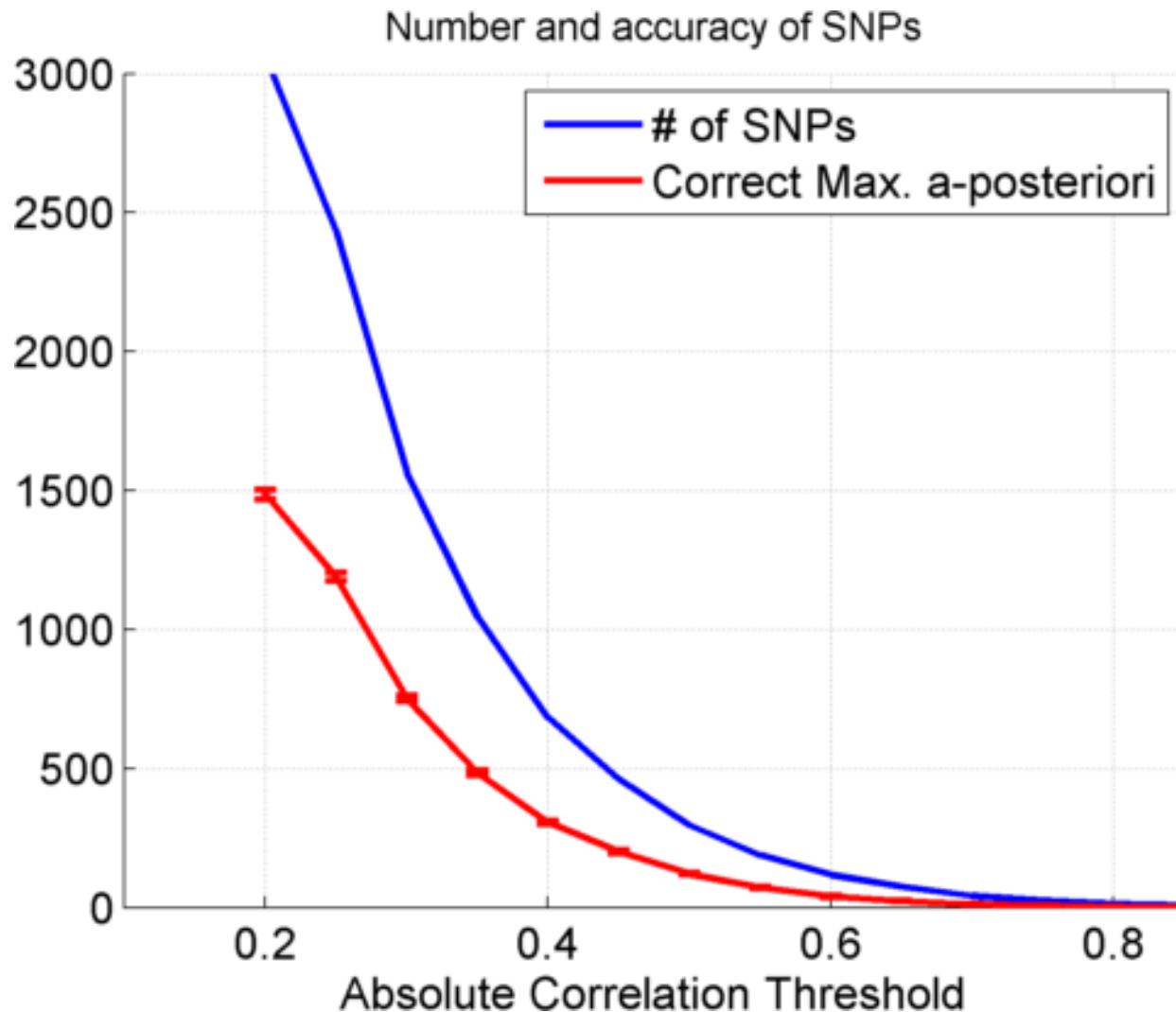


Fig 4b: Fraction of Vulnerable Individuals

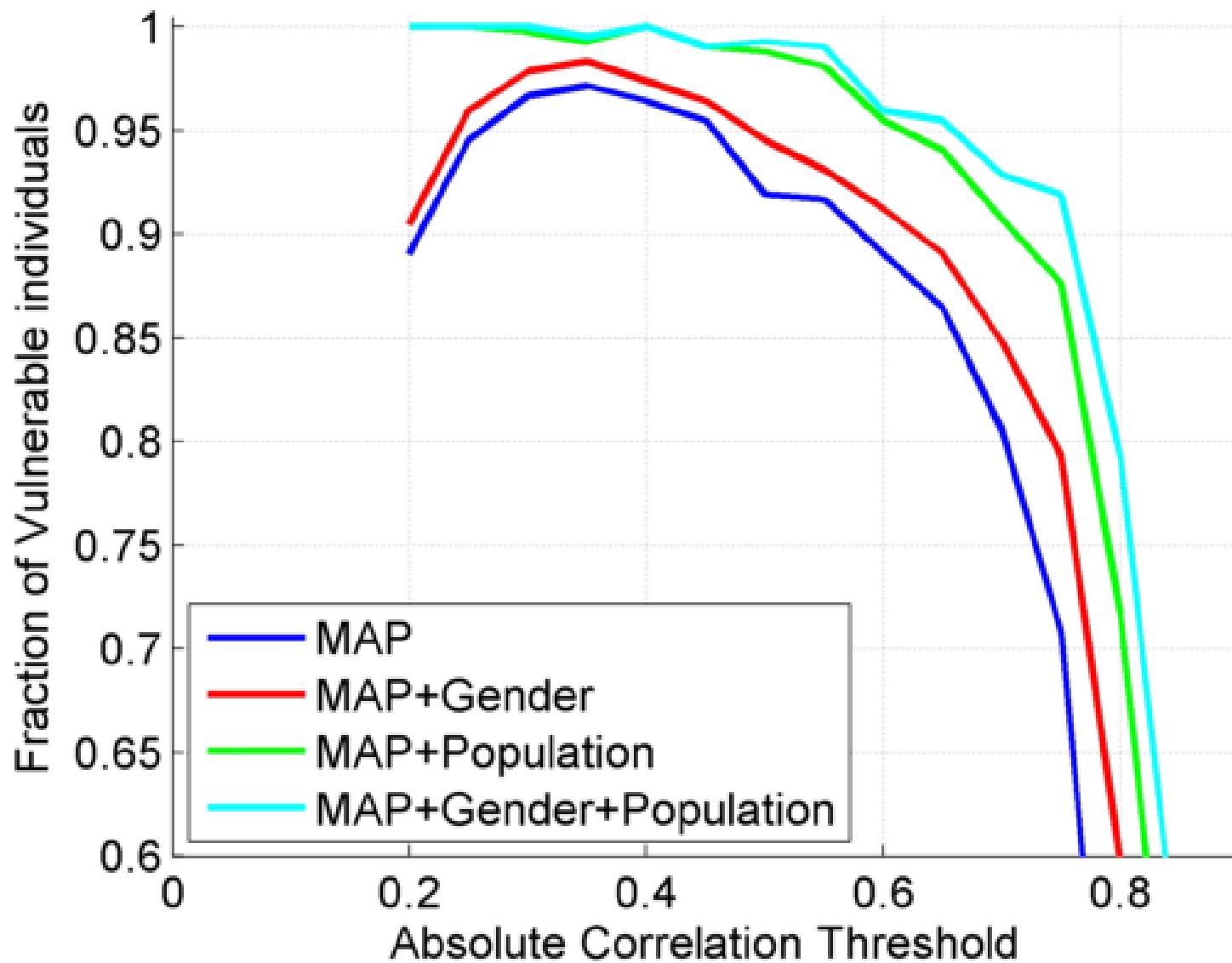


Fig 5a: Extremity based genotype prediction

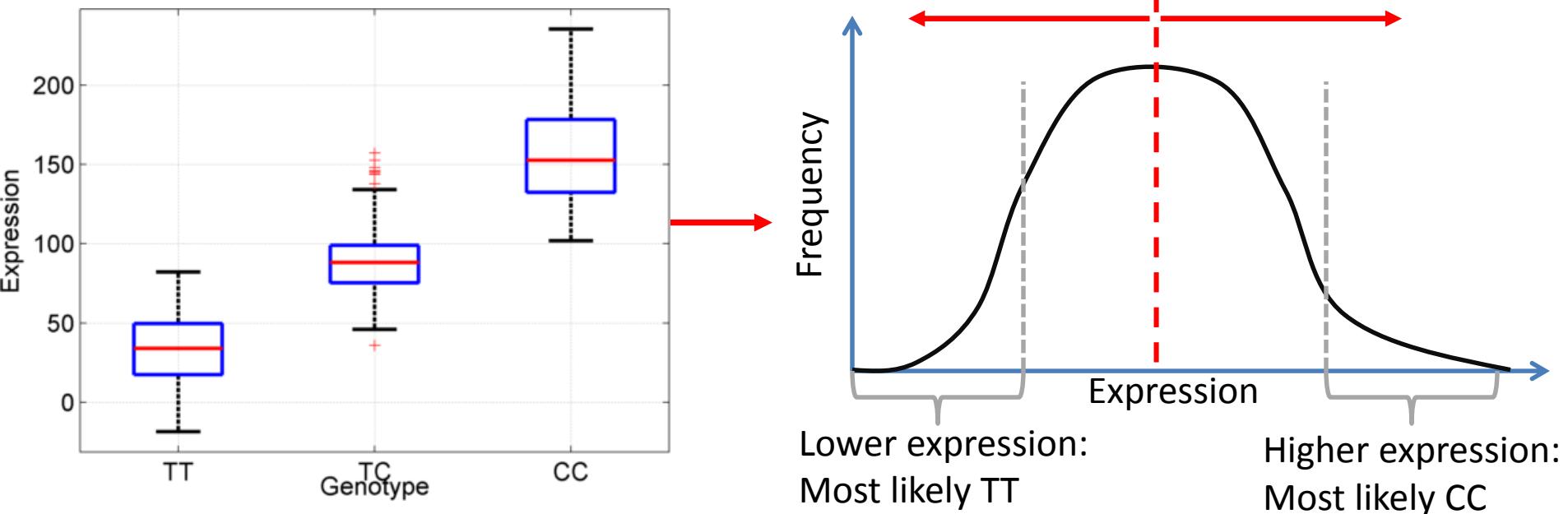
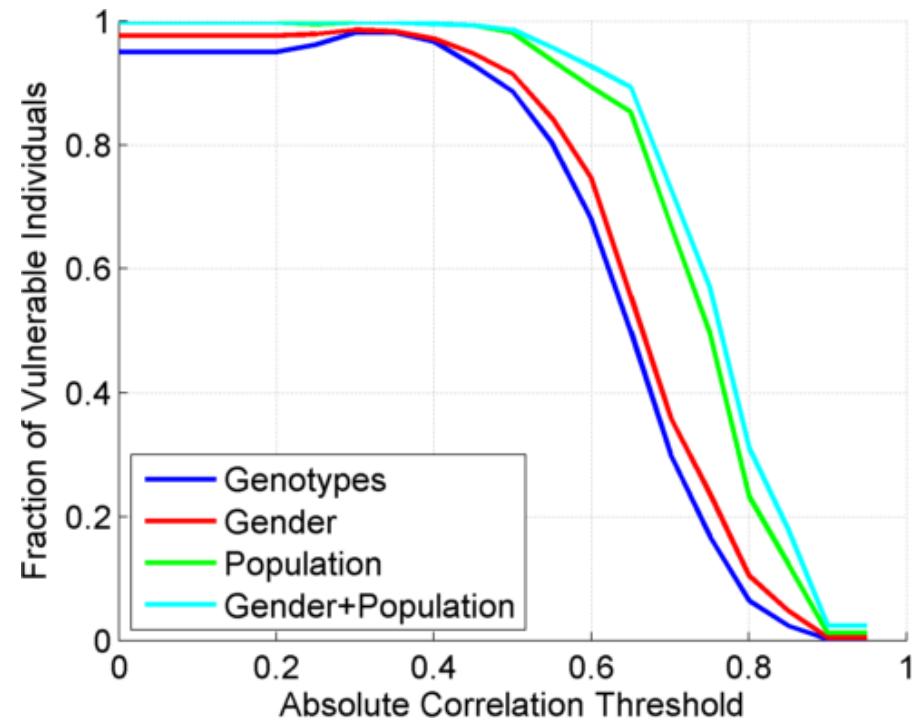
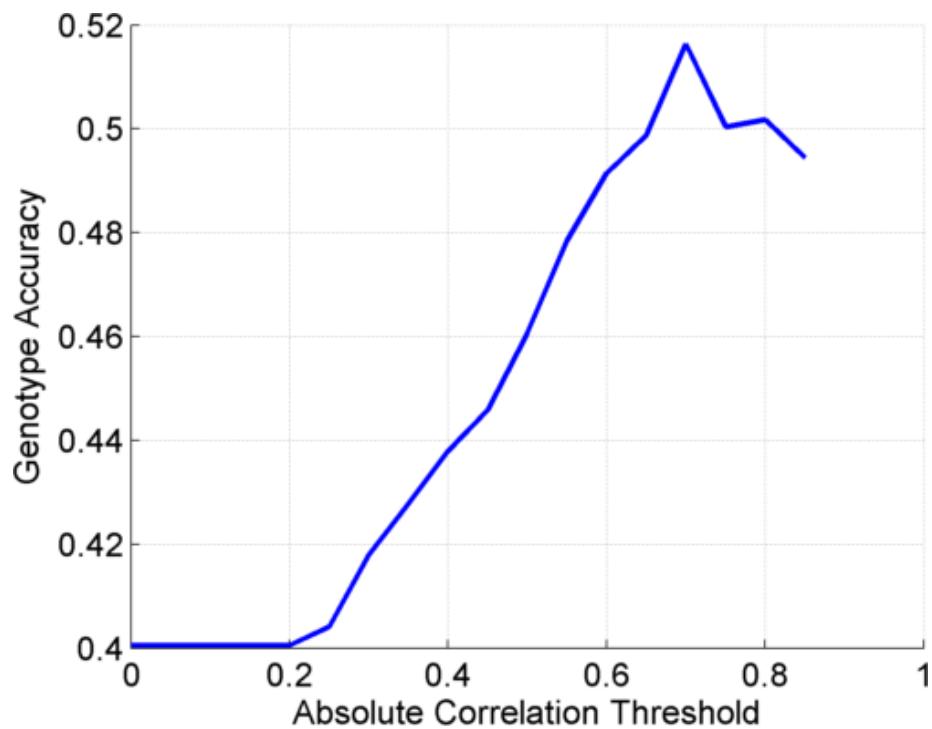


Fig 5bc



Supplementary Figures

Fig S1: eQTL properties

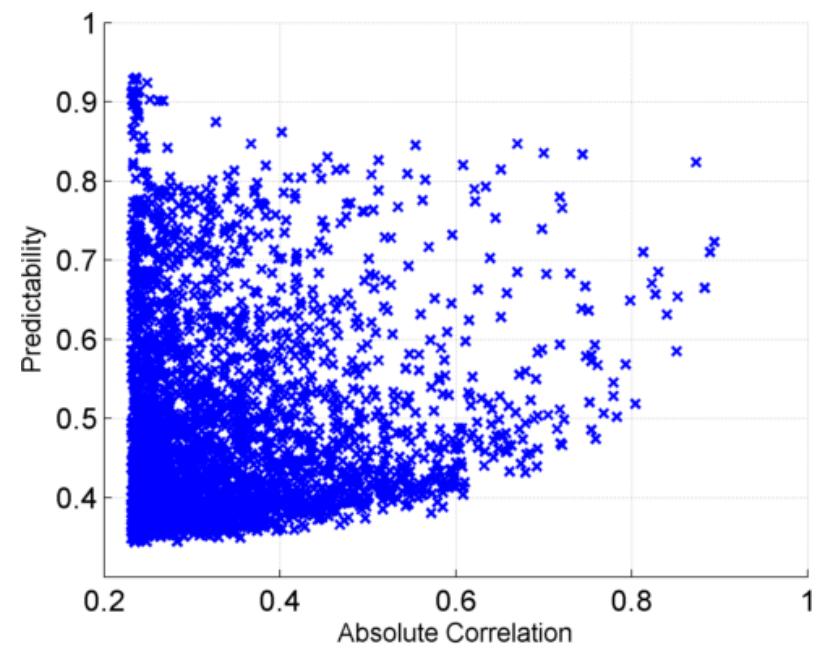
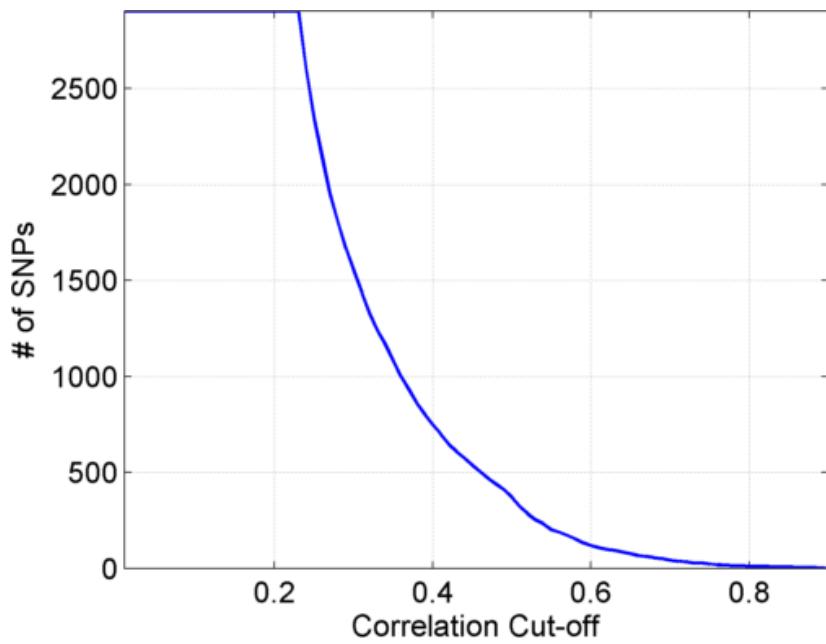


Fig S2a

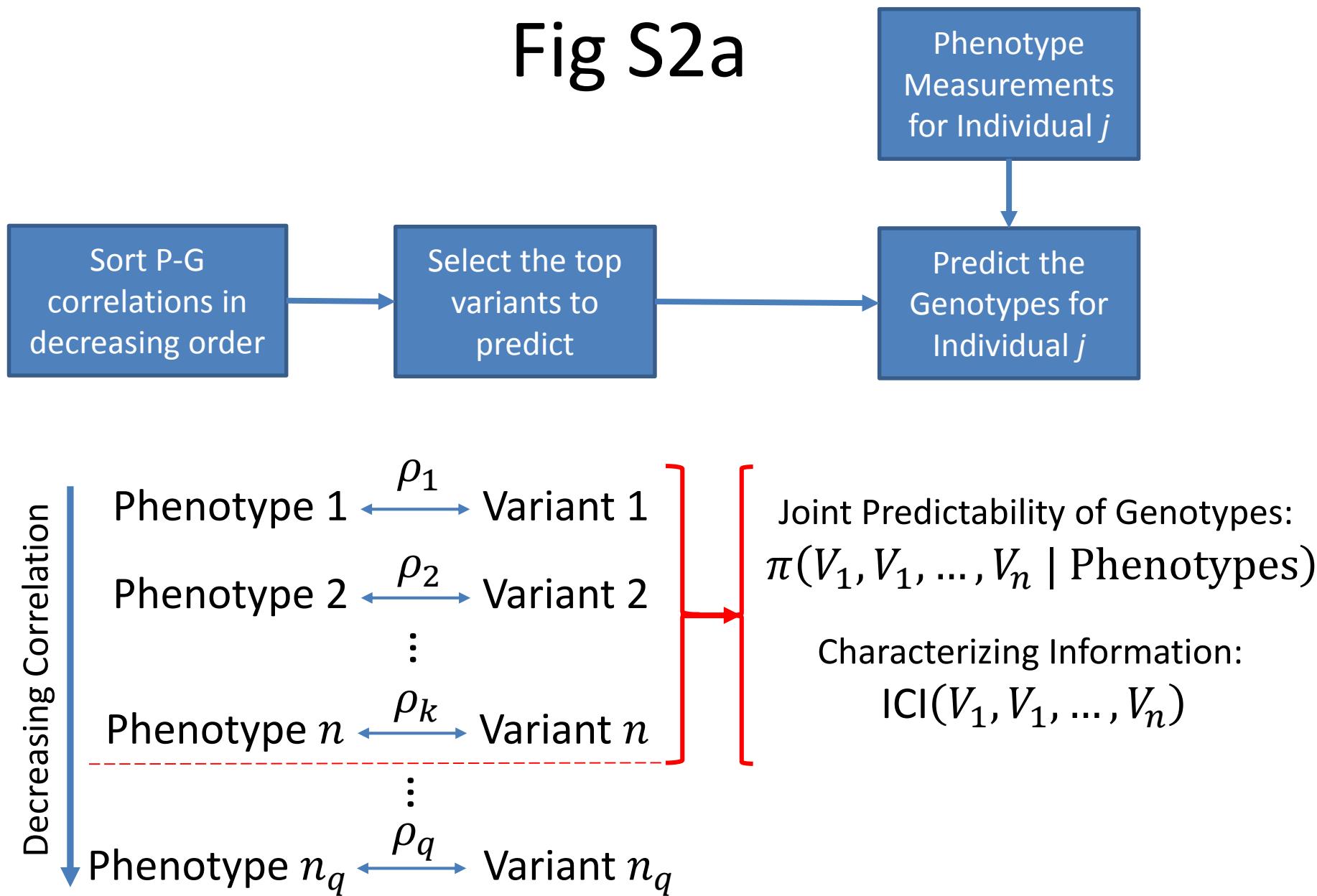
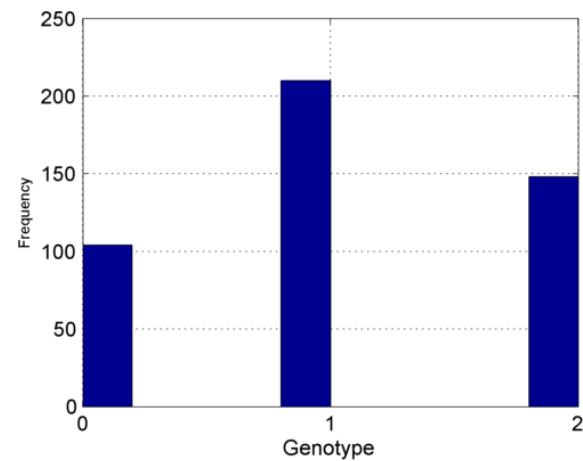
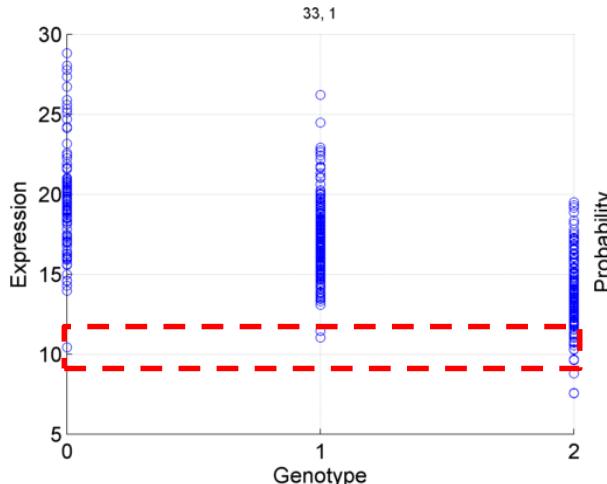


Fig S2b: Illustration of *a priori*, *a posteriori* distributions

Prior: $p(V_k)$

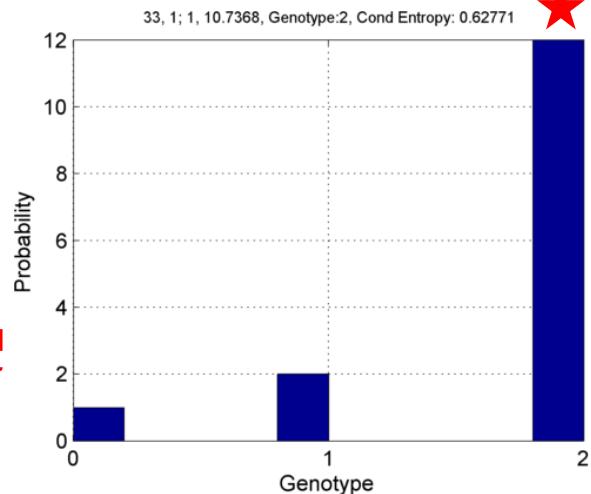


Joint: $p(V_k, E_k)$



Posterior:

$$p(V_k | E_k = 10)$$



$$\nu'_{k,j} = 2$$

Fig S3

Distribution of Assigned Ranks per Individual

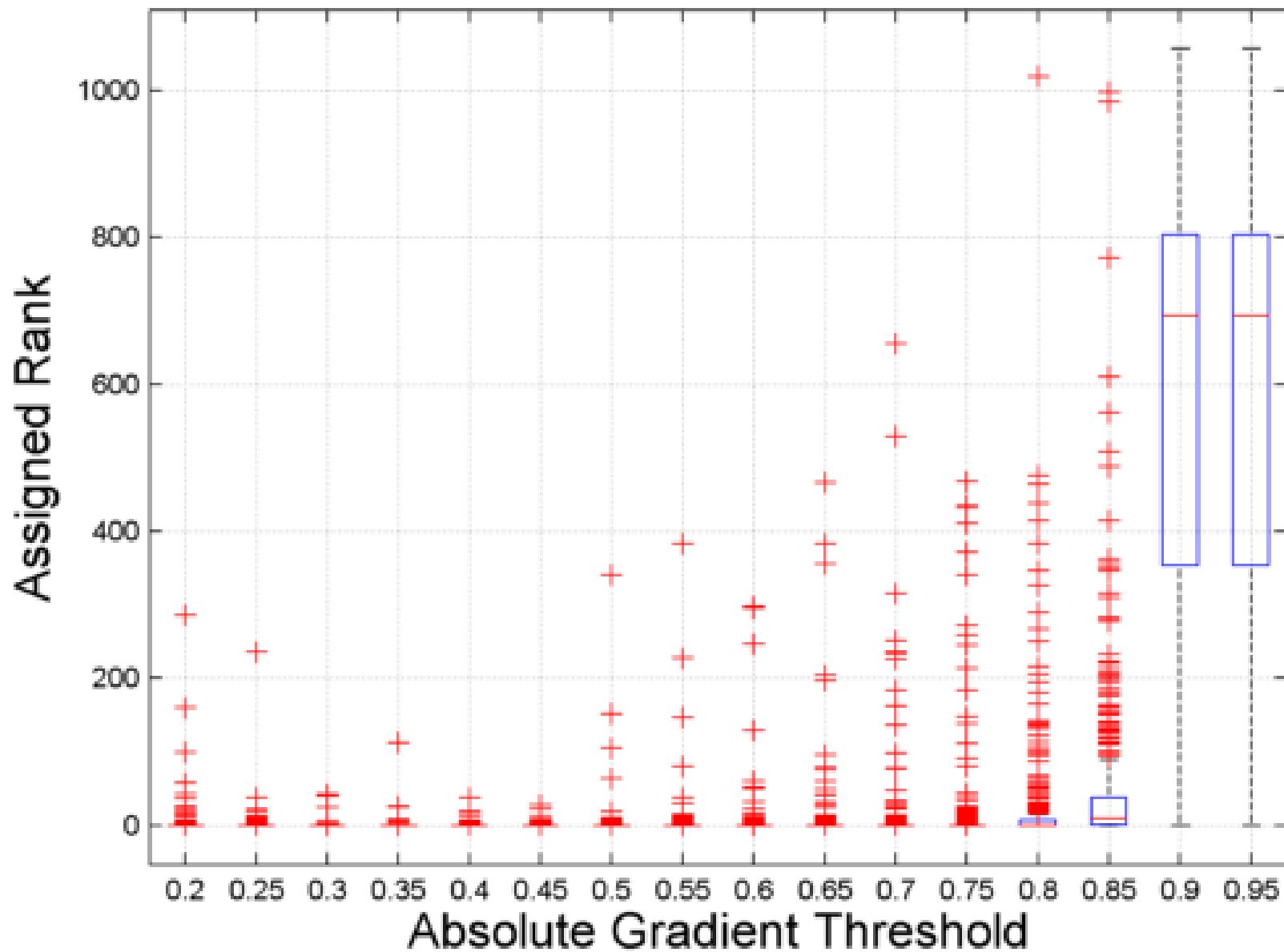


Fig S4

