Genetic Prediction Quality: Centered Model Cannot Reconstruct Individual Genetic Risk

Centered
$r(G\gamma\_true, G\gamma\_est) = 0.781$

Per-sig r: 0.794 (0.663–0.891)

Reparam (κ free)
$r(G\gamma\_true, G\gamma\_est) = 0.951$

Per-sig r: 0.948 (0.916–0.972)

Nokappa (κ=1)
$r(G\gamma\_true, G\gamma\_est) = 0.952$

Per-sig r: 0.950 (0.918–0.973)

Estimated Gγ

True Gγ (genetic prediction)