All Graph Effect 0.005 0.01 0.02 Tau 0.9 **—** 0.1 **—** 0.2 Tests per Sample 0.3 **—** 0.4 **—** 0.5 **—** 0.6 Correlation 0.3 Alternative Model Null Model 0.0 20 20 40 20 10 30 50 30 30 50 0 40 0 10 10 40 50 Pool size

Fixed 0.005 0.01 0.02 1.00 -Tau - 0.1 0.75 **—** 0.2 Tests per Sample **—** 0.3 **—** 0.4 **—** 0.5 **—** 0.6 Correlation Alternative Model 0.25 -Null Model 20 50 0 20 30 50 0 20 30 30 10 40 0 10 40 10 40 50 Pool size

Pi Graph Effect 0.005 0.01 0.02 Tau 0.9 **—** 0.1 **—** 0.2 Tests per Sample 0.3 **—** 0.4 **—** 0.5 **—** 0.6 Correlation 0.3 Alternative Model Null Model 0.0 20 20 30 40 20 30 30 50 10 40 0 10 50 0 10 40 50 Pool size

Tau Graph Effect

