Rasch vs 2PL, 10 items, simulation-based power n = 500n = 1000 n = 300030 -H0: No effect 20 -10-Score* 50 Observed Quantiles 40 -Statistic H1: Small effect Wald 30 -LR 20 -Score 0 75 -H1: Large effect 50 -25 -

40

60

80

20

20

10

30

20

Expected Quantiles

10

30

40