Empirical CDF of p-values 3 v. 4 pars 1.6 4 v. 5 pars 1.4 5 v. 6 pars 1.2 8.0 0.6 0.4 0.2 0.1 0.2 0.3 0.4 0.5 0.6 0.7 8.0 0.9 p-value