Grid Search for Maxmimum Likelihood Estimate of Pr and Ps 15 Marginal Likelihood 10 5 0 -1.00 probability 0.0016 0.75 0.0012 Segregation Efficiency 0.0008 0.0004 0.50 0.0000 0.25 0.00 0.75 0.25 0.50 1.00 30 0.00 10 20 Marginal Replication Efficiency Likelihood Error Bars show 95% CI for Pr and Ps