Grid Search for Maxmimum Likelihood Estimate of Pr and Ps 10.0 -Marginal Likelihood 7.5 5.0 2.5 0.0 -1.00 probability 0.006 0.75 0.004 0.002 0.000 0.50 colour MLE 0.25 0.00 0 0.25 0.50 0.75 1.00 0.00 5 10 Marginal Pr Likelihood Error Bars show 95% CI for Pr and Ps