Grid Search for Maxmimum Likelihood Estimate of Pr and Ps Marginal Likelihood 10 5 0 -1.00 probability 0.002 0.75 0.001 0.000 0.50 colour MLE 0.25 0.00 0.25 0.50 0.75 1.00 5 10 15 20 25 0.00 Marginal Likelihood Pr Error Bars show 95% CI for Pr and Ps