Grid Search for Maxmimum Likelihood Estimate of Pr and Ps Marginal Likelihood 10 5 0 -1.00 colour MLE 0.75 probability 0.005 0.004 0.003 0.50 0.002 0.001 0.000 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