GP prior samples (probit-transformed) RBF kernel (nonmonotonic) RBF kernel (monotonic) Linear kernel 1.0 Probability 9.0 8.0 9.1 1.0 8.0 0.8 0.6 0.6 Response 7.0 c 0.0 0.4 0.4 0.2 0.0 0.2 -2.50.0 2.5 -2.52.5 -2.50.0 2.5 0.0 Intensity