SGFA Parameter Sensitivity Analysis K (Number of Factors) Sensitivity Sparsity (percW) Sensitivity 1e6 1e6 -4.70 -4.4-4.75 -4.6 Log Likelihood Log Likelihood -4.80 -5.0 -4.85 -5.2 -4.90 -5.4 10 Number of Factors (K) 35 Sparsity (percW %) 20 6 8 12 14 25 30 40 45 50 MCMC Parameter Sensitivity Test Success Summary (8/8 total) 0 ^{1e6} 3.0 -1 2.5 2.0 Successful Tests Log Likelihood 1.0 -4 0.5 -5 0.0 MCMC fast Κ standard percW MCMC Configuration