SGFA Parameter Sensitivity Analysis K (Number of Factors) Sensitivity Sparsity (percW) Sensitivity -180000 -215000 -220000 -200000 -225000 Log Likelihood Log Likelihood -230000 -220000 -235000 -240000 -240000 -245000 -260000 -250000 10 Number of Factors (K) 35 Sparsity (percW %) 8 12 20 25 30 40 45 50 6 14 MCMC Parameter Sensitivity Test Success Summary (8/8 total) 0 3.0 -50000 2.5 2.0 Successful Tests -100000Log Likelihood -150000 1.0 -200000 0.5 0.0 MCMC fast standard percW MCMC Configuration