Estimated volatilities in percent (5% / 50% / 95% posterior quantiles) 100 20 2008-12-11 2010-07-08 2011-04-14 2012-01-24 2009-09-25 Trace of mu (thin = 1) Trace of phi (thin = 1)  $_{\infty}$  Trace of sigma (thin = 1) Trace of rho (thin = 1) 0.1 α. o missis is in the belief of the side of the 0.986 90.0 5000 15000 5000 15000 5000 15000 5000 15000 Density of mu Density of phi Density of sigma Density of rho 30 400 20 က 200  $^{\circ}$ 10 0.0 0.986 0.990 0.994 0.998 0.06 0.10 0.14 0.18 -0.4-0.2 0.0