**Model Structure** ST NS1 NS2 NS3 0.07 0.035 0.0  $\Delta\mu_1$ 10 -5 -1.5 1.0  $\Delta\sigma_0$ 0.5 0.0 ameters  $\Delta\sigma_1$  $\Delta \xi_0$  $\Delta \xi_1$ 10 -Years of Data