Speciation (PyRate_Inputs_2_RJMCMC_Grj_mcmc) 0.20 0.7 9.0 0.15 0.5 Frequency of rate shift Speciation rate 0.4 0.10 0.3 0.2 0.05 0.1 0.00 0.0 -130 -120 -110 -90 -80 -70 -110 -80 -70 -100 -130 -120 -100 -90 Time Time **Extinction** 3.0 0.25 2.5 0.20 2.0 Frequency of rate shift Extinction rate 0.15 1.5 0.10 1.0 0.05 0.5 0.00 0.0 -130 -120 -110 -90 -80 -70 -130 -120 -110 -90 -80 -70 -100 -100 Time Time Longevity **Net diversification** 10 0.5 0.0 ∞ -0.5 9 longevity t Rate -1.0 -1.5 -2.0 7 -120 -110 -100 -90 -80 -70 -120 -110 -100 -90 -80 -70 -130 -130 Time Time