Speciation (PyRate_Inputs_2_RJMCMC_Grj_mcmc) 0.20 9.0 0.15 Frequency of rate shift Speciation rate 9.0 0.10 0.2 0.05 0.00 0.0 -120 -110 -100 -90 -80 -70 -120 -110 -90 -80 -70 -130 -130 -100 Time Time **Extinction** 0.20 1.2 1.0 0.15 Frequency of rate shift 0.8 Extinction rate 0.10 9.0 4.0 0.05 0.2 0.00 0.0 -130 -120 -110 -90 -80 -70 -130 -120 -110 -100 -90 -80 -70 -100 Time Time Longevity **Net diversification** 9 0.5 2 longevity 0.0 Net -0.5 7 -1.0 0 -120 -110 -100 -90 -80 -70 -120 -110 -100 -90 -80 -70 -130 -130 Time Time