## Speciation (PyRate\_Inputs\_2\_RJMCMC\_Grj\_mcmc) 0.20 1.5 0.15 1.0 Frequency of rate shift Speciation rate 0.10 0.5 0.05 0.00 0.0 -70 -80 -75 -80 -75 -70 Time Time Extinction 0.20 2.0 0.15 1.5 Frequency of rate shift Extinction rate 0.10 1.0 0.05 0.5 0.00 0.0 -70 -70 -80 -75 -80 -75 Time Time Longevity **Net diversification** 1.5 1.0 0.5 Mean longevity t Rate 0.0 -1.0 -1.5 -80 -75 -70 -80 -75 -70 Time Time