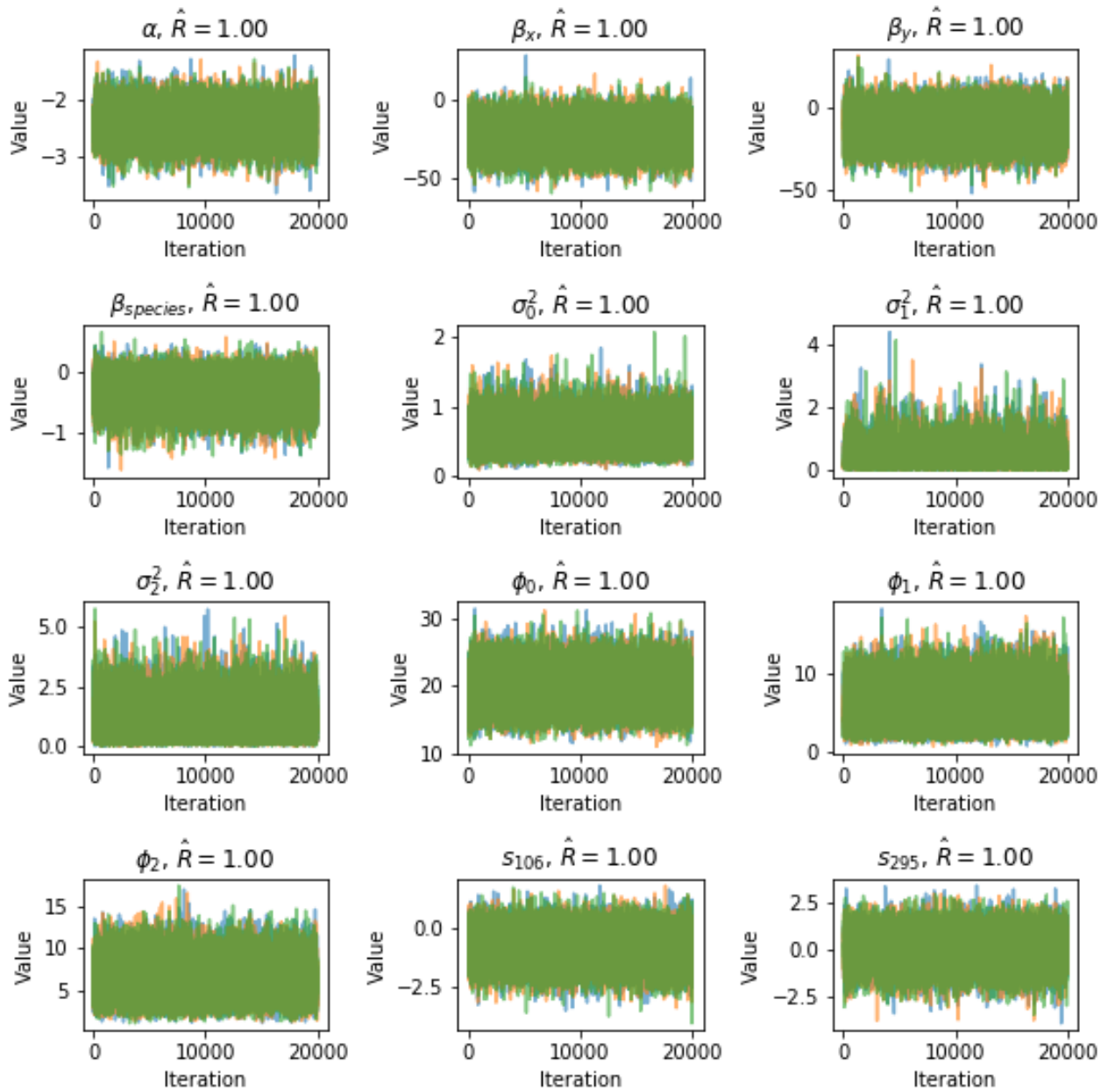


# Supplementary Figure 1: Convergence diagnostics for MCMC



Supplementary Figure 1: Superimposed traceplots for all model parameters and two randomly-chosen inducing points ( $s$ ) showing satisfactory MCMC convergence. In addition, Gelman-Rubin (Gelman and Rubin, 1992) statistics ( $R$ ) are provided and are all close to the expected value of 1.