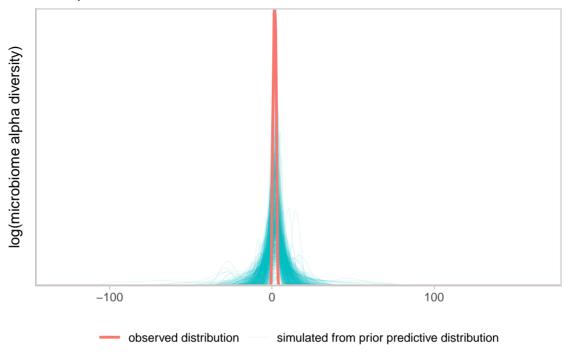
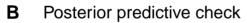
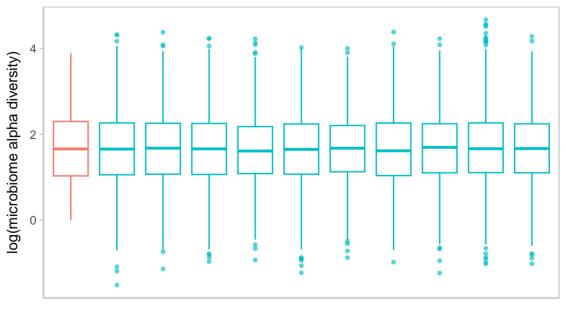
Fig. S4

## Prior predictive check







 $\stackrel{ ext{$\rightleftharpoons$}}{\ensuremath{\boxminus}}$  observed distribution  $\stackrel{ ext{$\rightleftharpoons$}}{\ensuremath{\leftrightharpoons}}$  simulated from posterior predictive distribution