

# GeoHiSSE

**Question:** Do clades that have crossed wallace's line have a higher diversification rate than those that stayed in Australasia?

$q$  = Transition between states (A  $\rightarrow$  B)

**Extinction**

$X$  = range contraction, extirpation

**Anagenetic Range Evolution**

$d$  = dispersal but no cladogenesis

**Cladogenetic Range Evolution**

$S$  = Speciation

**0** = East of Wallace's line only

**01** = both sides of wallace's line

**1** = West of wallace's line

**A** = Empirical Data

**B** = hidden state with randomized data

