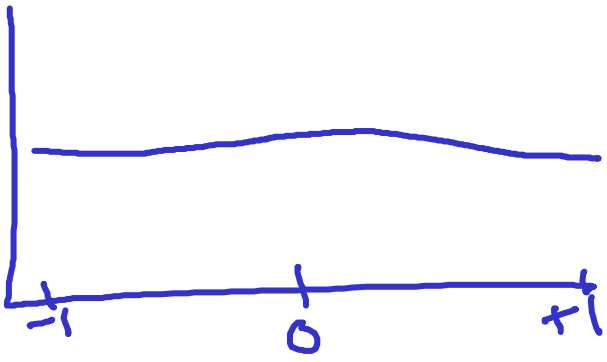
Priors

$\beta_0 \sim$ Normal(0, 2.5)

$\beta_1 \sim$ ....

β_3

where latitude, forest
latitude:forest
rescaled first



SAMPLES AND DERIVED QUANTITIES
PS - here beta_1 is illustrated as the slope (latitude) while beta_2 is habitat (forest).
We actually fitted the model the other way around (habitat then latitude).

Samples.

iteration/ sample	β_0	β_1	β_2	β_3
1	11.2	-1.3	1.6	-0.2
2	15.6	-0.98	1.8	-0.3
3				
⋮				

Derived quant.

Diff in species richness forest - bog

forest: $e^{(\beta_0+\beta_2)}$ $e^{(\beta_1+\beta_3)}$ latitude

bog: e^{β_0} e^{β_1} latitude.

10,000