Taxon occurrence as a function of both biological traits and environmental context

the changing North American species pool

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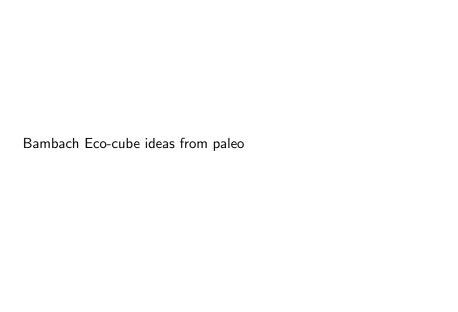


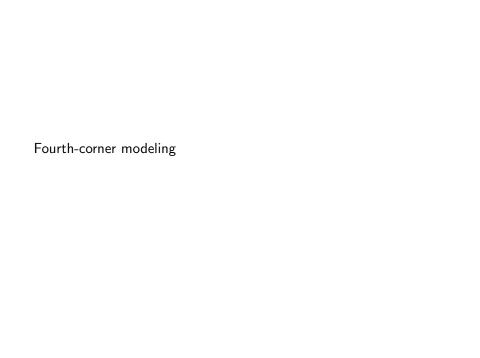
Question

When are certain ecologies/ecotypes enriched or depleted?







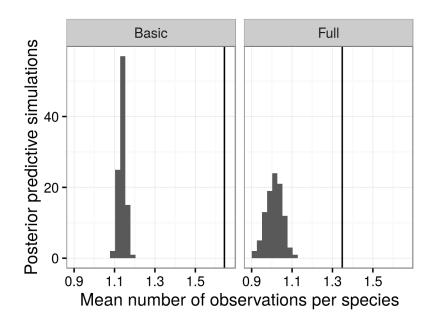


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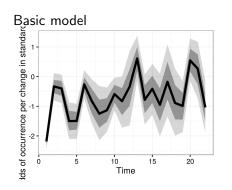


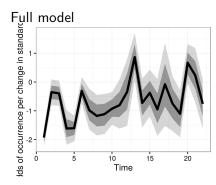


Posterior predictive performance

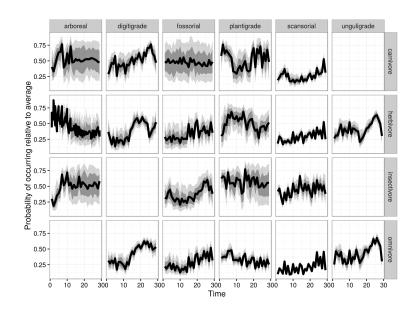


Effect of mass on log-odds of occurrence

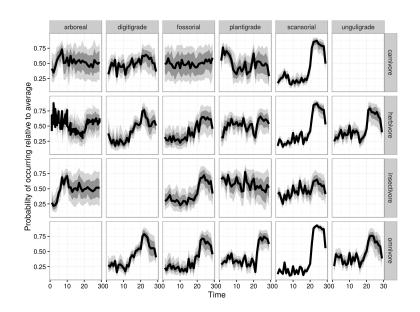




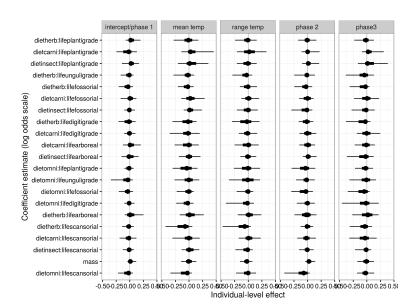
Probability occurrence is of ecotype (basic model)



Probability occurrence is of ecotype (full model)



Group-level effects (climate, plant phase)



Concerns

Conclusions

Acknowledgements