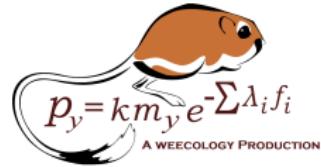


A DATA-INTENSIVE ASSESSMENT OF THE SPECIES-ABUNDANCE DISTRIBUTION.

Elita Baldridge



MACROECOLOGY

One approach to studying ecological patterns and processes.

- Data intensive.
- Large scales (spatial, temporal, taxonomic).
- Search for generality.

MACROECOLOGY

Criticisms of macroecology

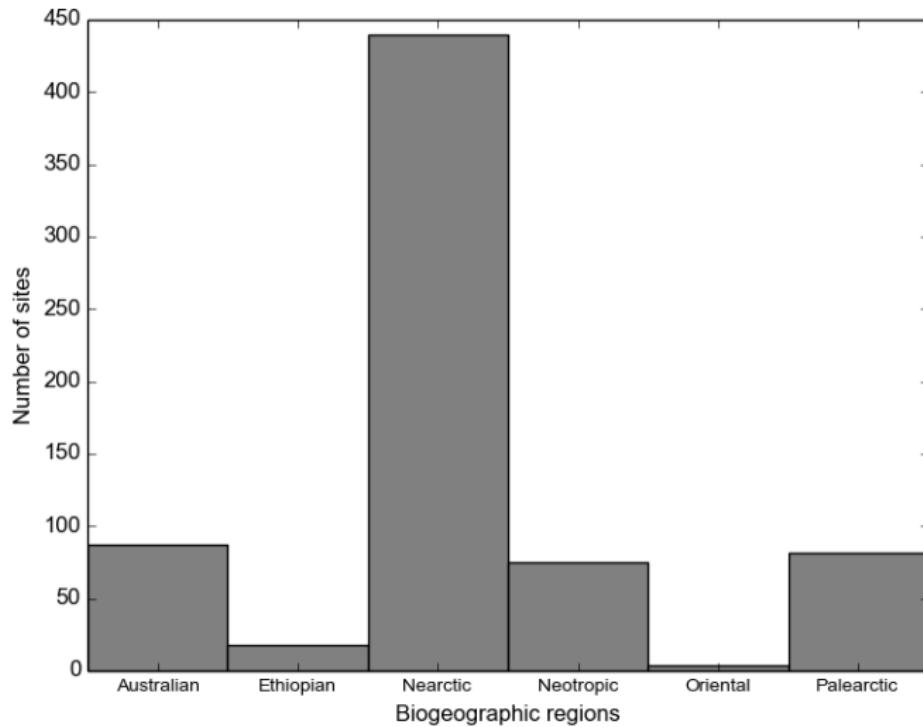
- North American terrestrial bias.
- Lack of identification of pattern generating mechanisms.

DATA

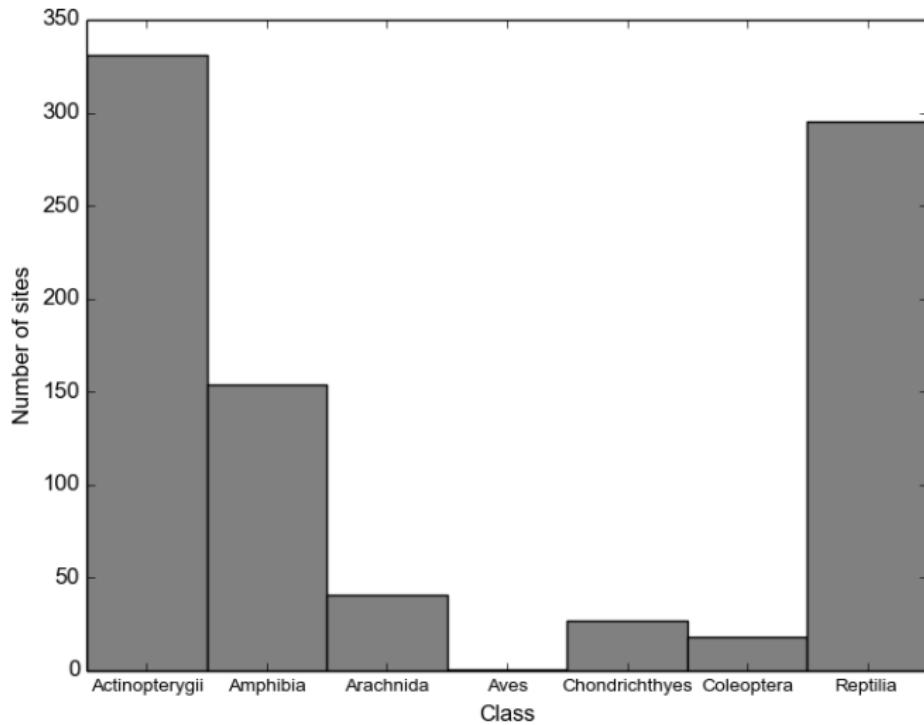
Variable name	Variable definitions
Class	Taxonomic class of species
Family	Taxonomic family of species
Genus	Taxonomic genus of species
Species	Specific epithet of species
Relative_abundance	Relative abundance of species
Abundance	Abundance of species
Collection_Year	Start of collecting
End_Collection	End of collecting
Site_Name	Name/description of site
Biogeographic_region	Biogeographic region
Site_notes	Additional site information

TABLE : List of variables collected.

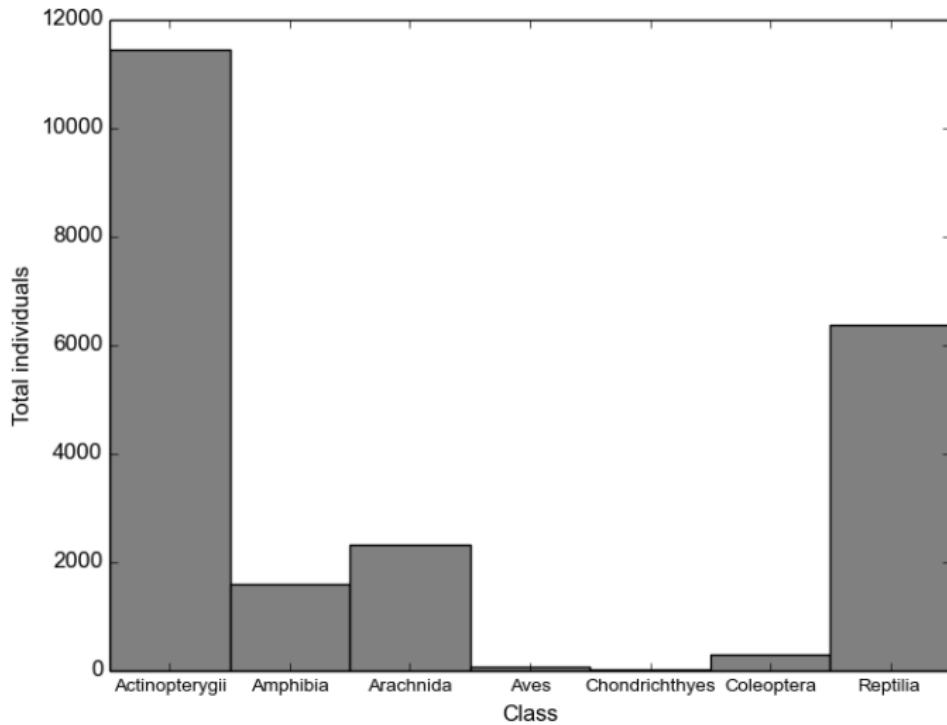
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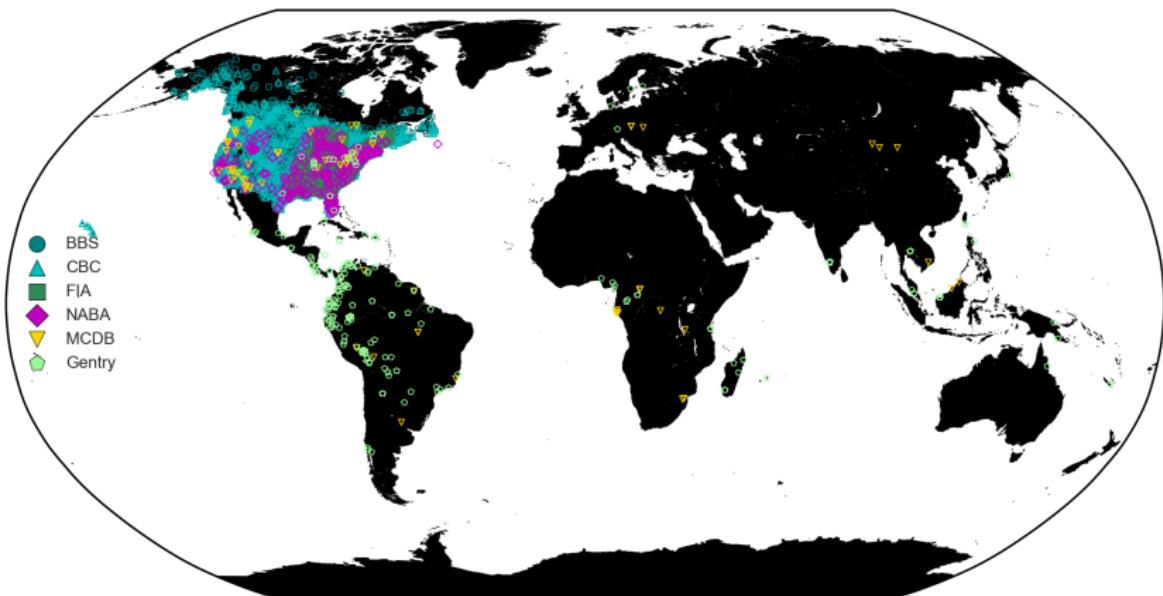
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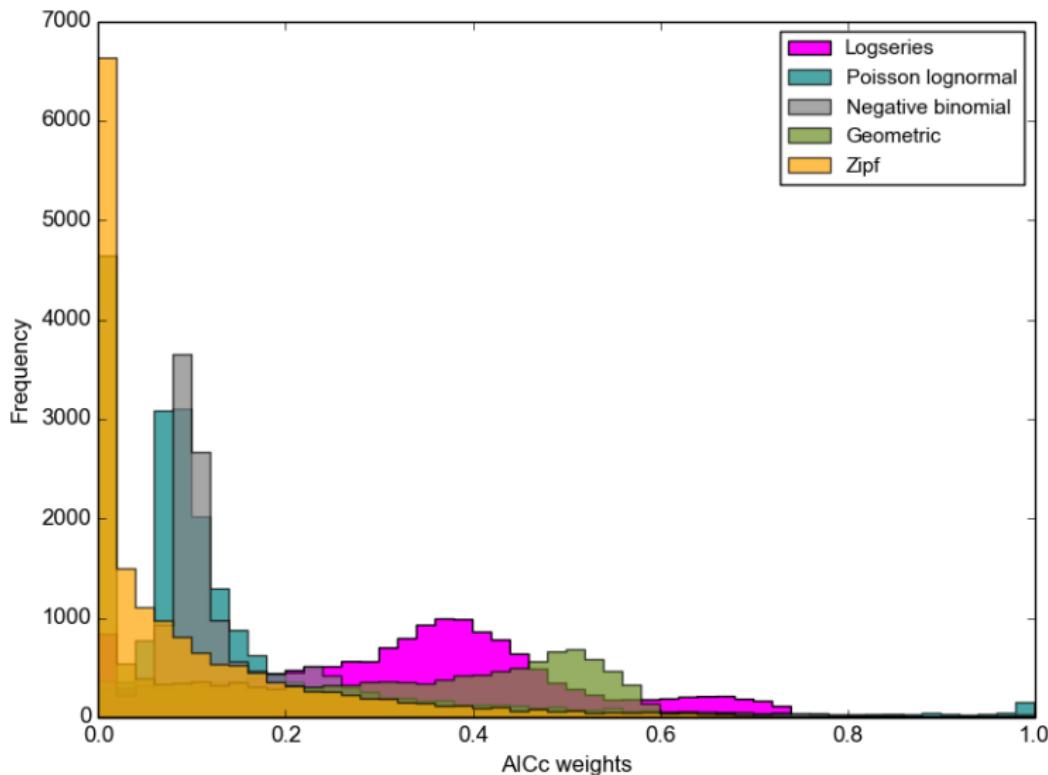
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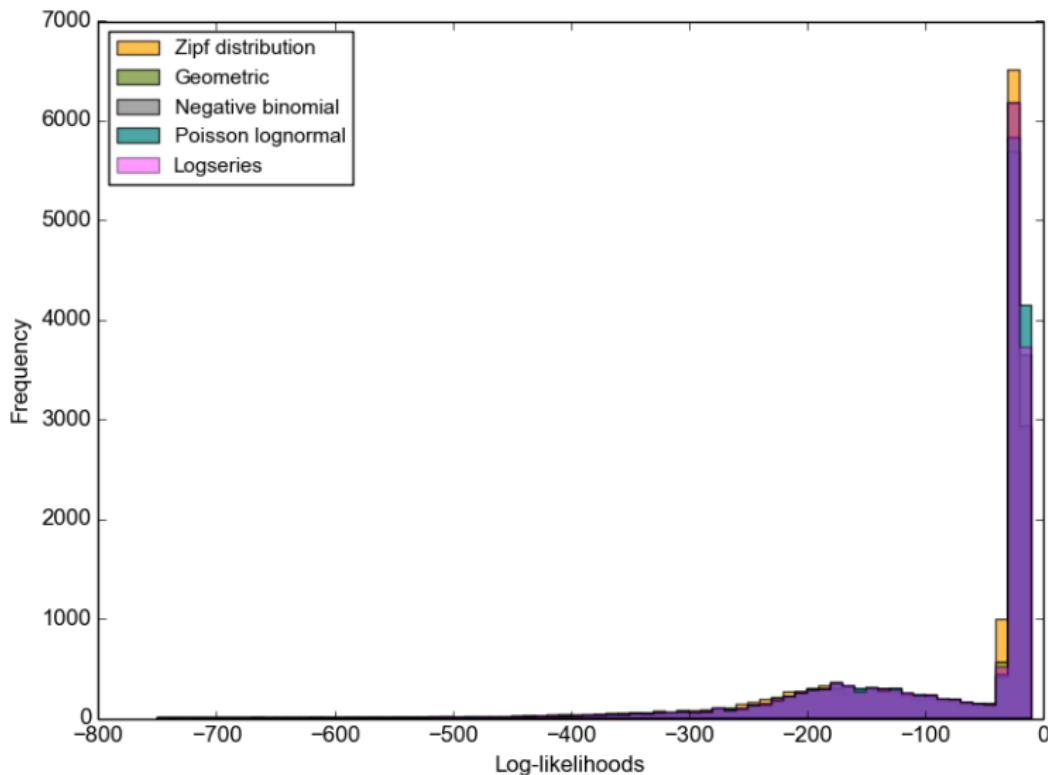
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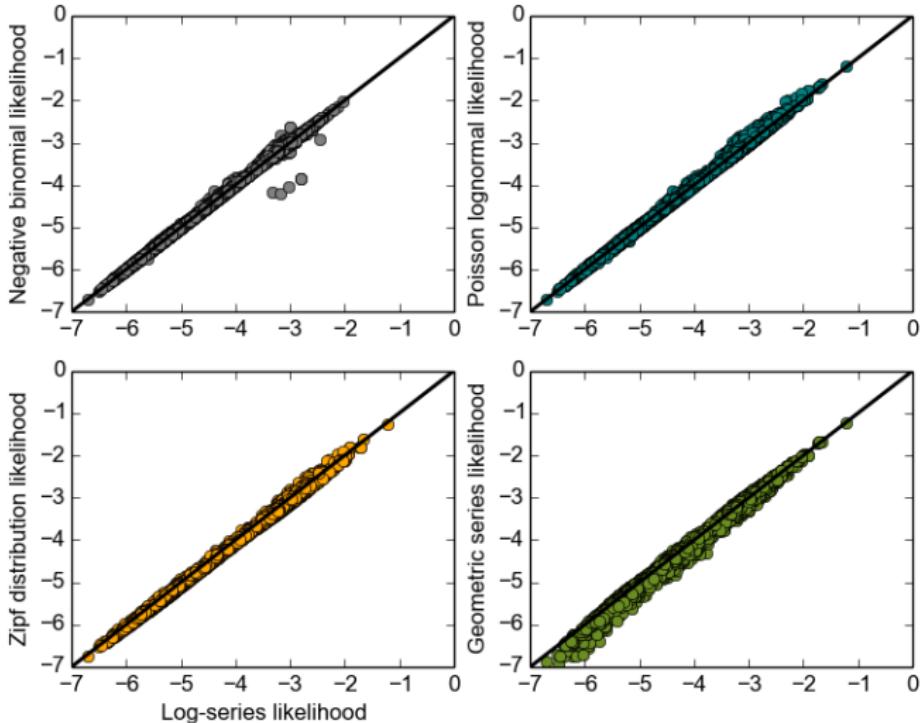
ABUNDANCE DISTRIBUTION COMPARISONS



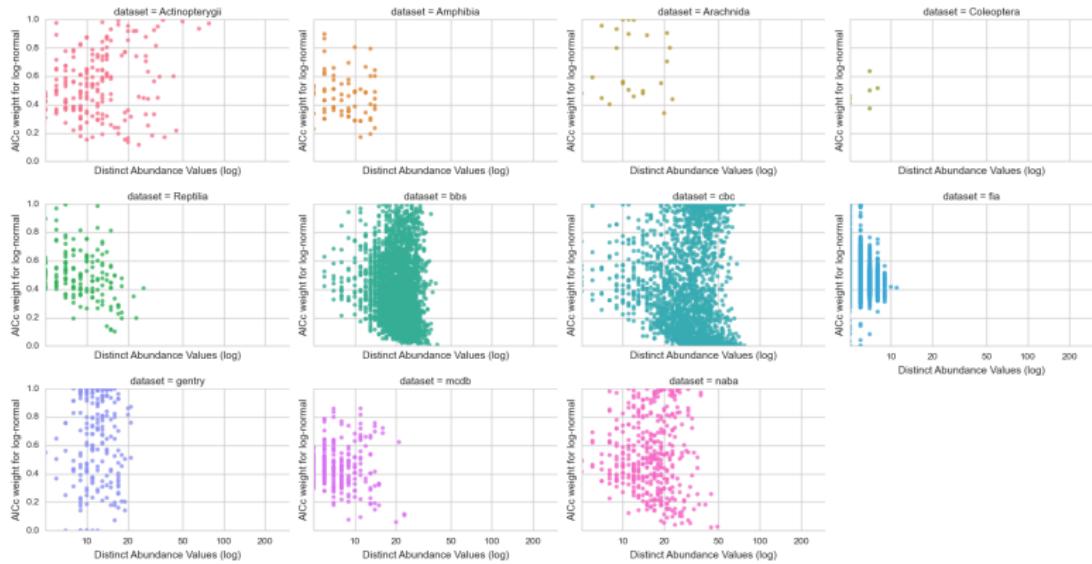
ABUNDANCE DISTRIBUTION COMPARISONS



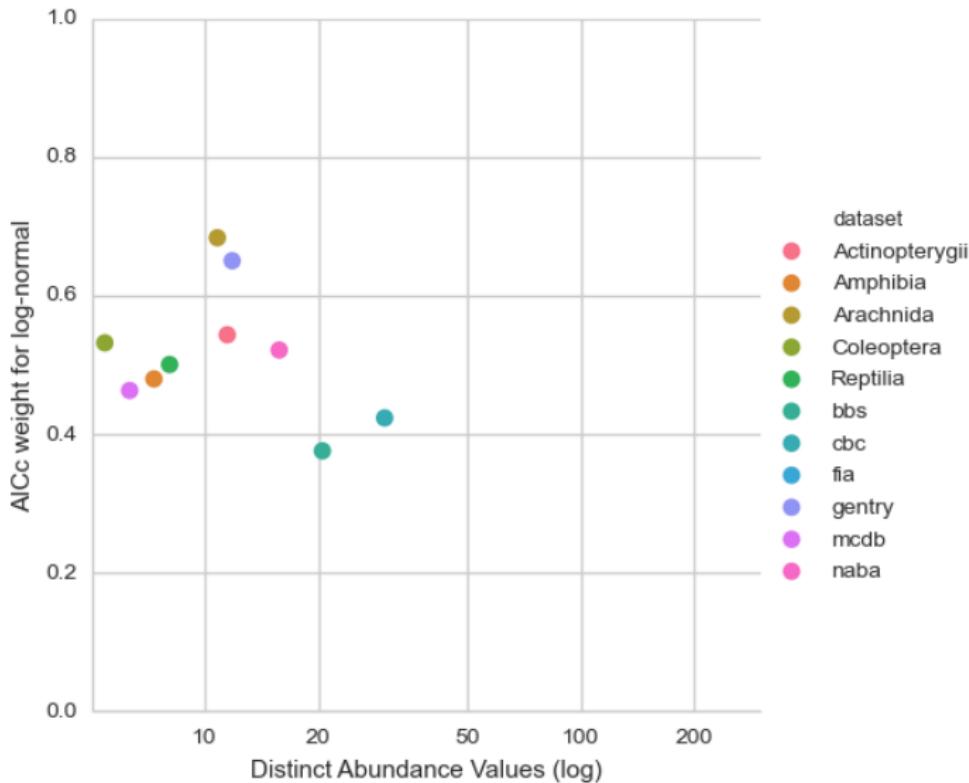
ABUNDANCE DISTRIBUTION COMPARISONS



NEUTRAL ANALYSIS



NEUTRAL ANALYSIS



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