

Stochasticity and Evolution in Food Webs

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species ARE related

Evolution	Ecology
ONE phylogeny image	ONE food web image

Evolution in/of Ecology

Evolution shaped the stochastic backbones of Food Webs
image

Food Webs embedded

Random Dot Product Graphs

image

Phylogenetic vs. Observed traits

$$\text{vcv}(\hat{X} | \text{evolutionary model}) \text{ vs. } \text{vcv}(X)$$

More questions (than answers)

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- ▶ Evolutionary model is inadequate

(Not a) Conclusion

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- ▶ Spoiler 1: Evolutionary distinctiveness vs. Web Centrality
- ▶ Spoiler 2: An ecological informed model of species evolution maybe it's (almost) there.

Thanks!

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By the way, I'm looking for a postdoc.