

Beale Lennon & Gimona (2008)

1. Someone please explain their null model and why this is cool (or not).
2. Virtual species are *in silico*, with ultimate control over niche, etc. etc. Is this “tool” potentially useful for ecology or just climate envelopes yada yada?
3. p. 14911. Climate Envelope Methods – They used only 3 of the 10 methods available in BIOMOD, without justification. Problem?
4. p. 14908. “Unfortunately, the most popular goodness-of-fit statistic (AUC) can be misleadingly high.” What goodness-of-fit statistic did they use?
5. Does this paper seem to get away with an abundance of speculation? How do they do that when @#\$% editors make me remove one such paragraph?
6. So, how do you feel about thermodynamic equilibria approaches to distributions as a predictive tool for climate change biology?

Díaz et al. (2016)

7. p. 167. 46,085 vascular plant species from 423 families. TRY! Extended Data Fig. 1 !  
What a time to be a quarantined, hunkered-down, isolated, socially-distanced data wonk.
  1. More seriously: are these the traits you would choose if everything was available?
8. p. 168 & Methods. Do the null models make sense to you?
9. PCA – Fig. 2 & Extended Data Table 1. Do you accept that 2 dimensions cover it?
10. Do you think this would be improved or confused if phylogeny was included?
11. Does this work help support neutral theory?
12. Is Grime happy with this paper?