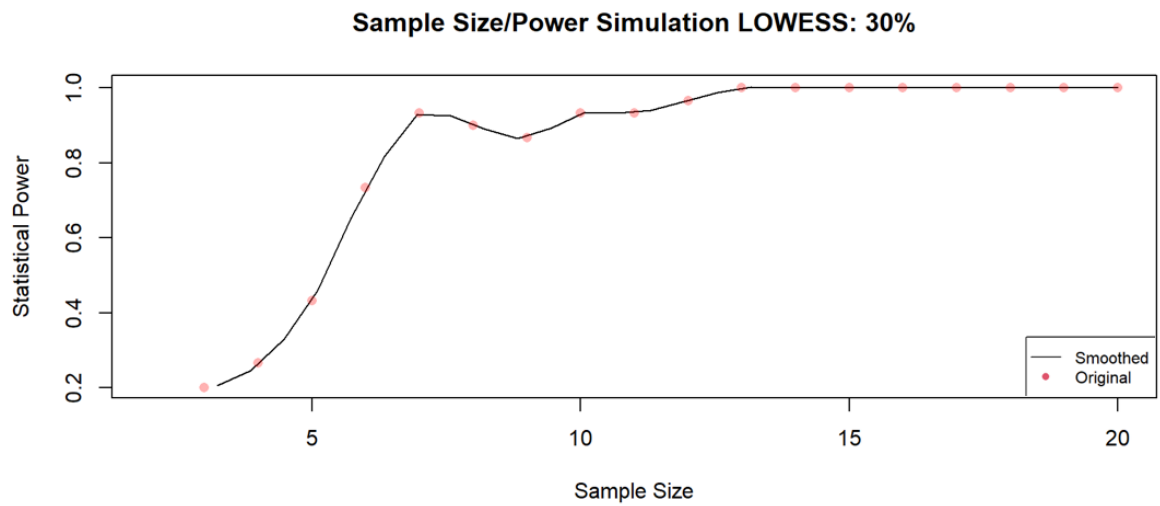


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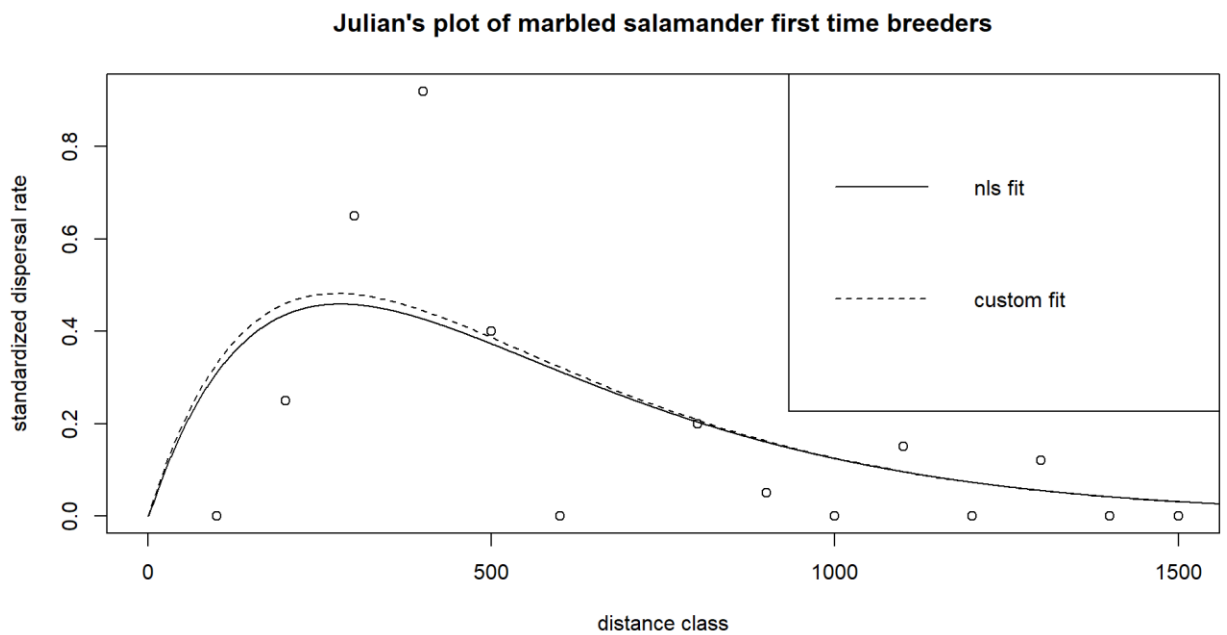
12/16/2022

Analysis of Environmental Data

Lab 12



1.



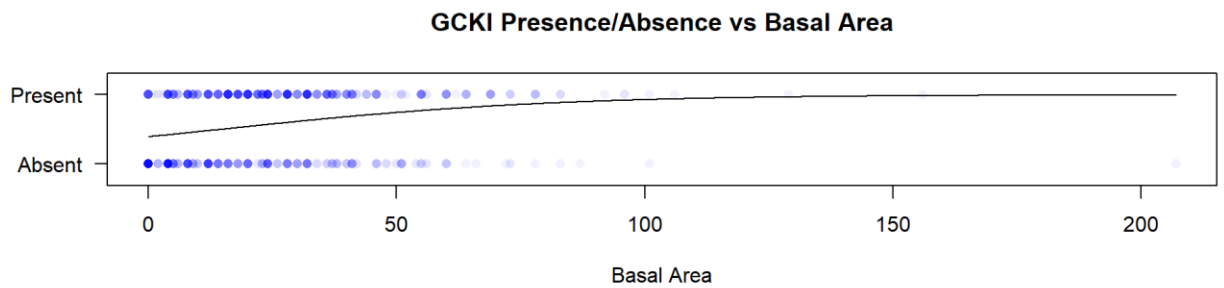
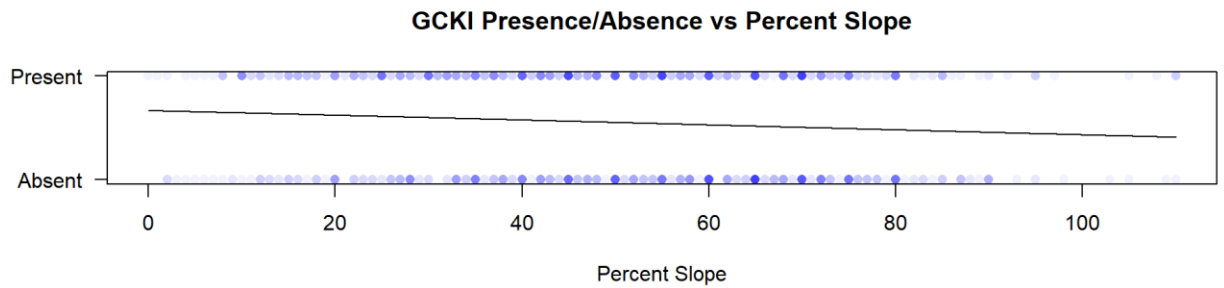
2.

3.

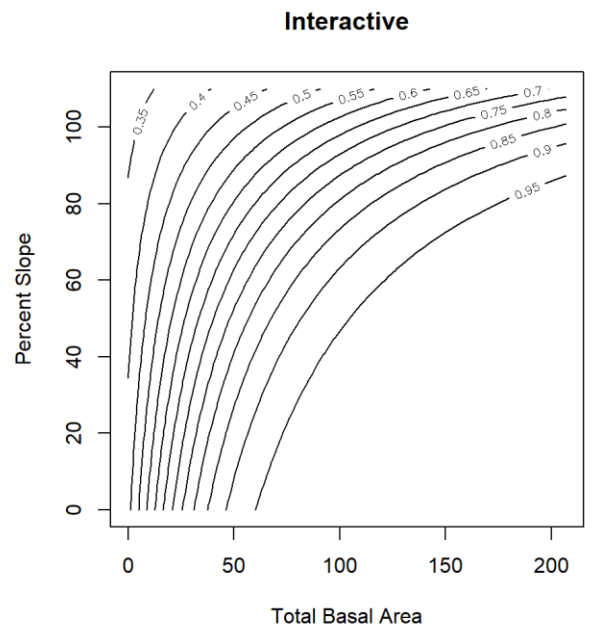
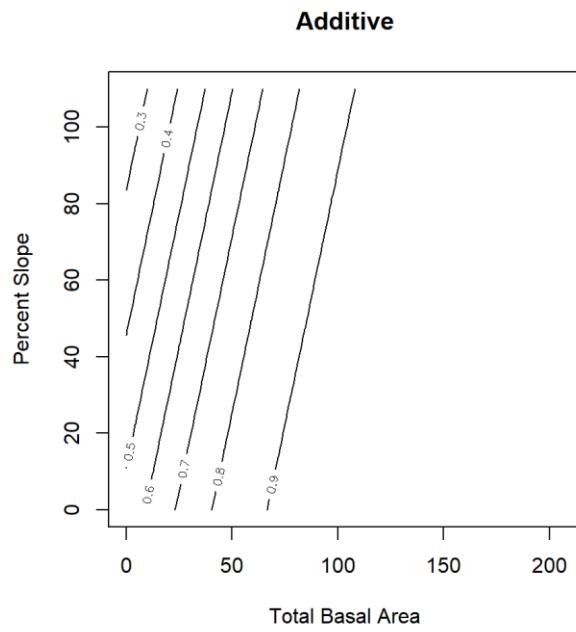
	df	AIC
fit_GCKI_ba_tot	2	1369.379
fit_GCKI_slope	2	1432.615
fit_GCKI_both_additive	3	1355.951
fit_GCKI_both_interactive	4	1353.007

4. I would choose the interactive model because it has the lowest AIC

5. There is an insignificant negative relationship between GCKI presence and slope. There is a significant positive relationship between GCKI presence and basal area. There is a (barely) significant negative relationship between GCKI and the interactive effects of slope and basal area.



6.



7.