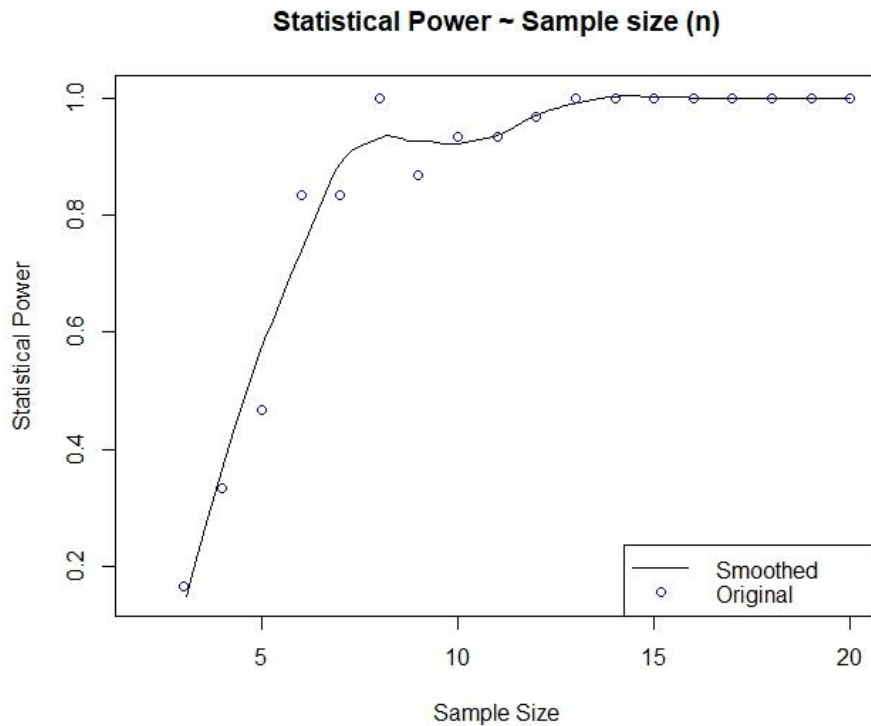


Evan Krause
ECO 634
Prof. Michael Nelson
12/7/2022

1.



2. (I was unable to figure out the NLS model)?

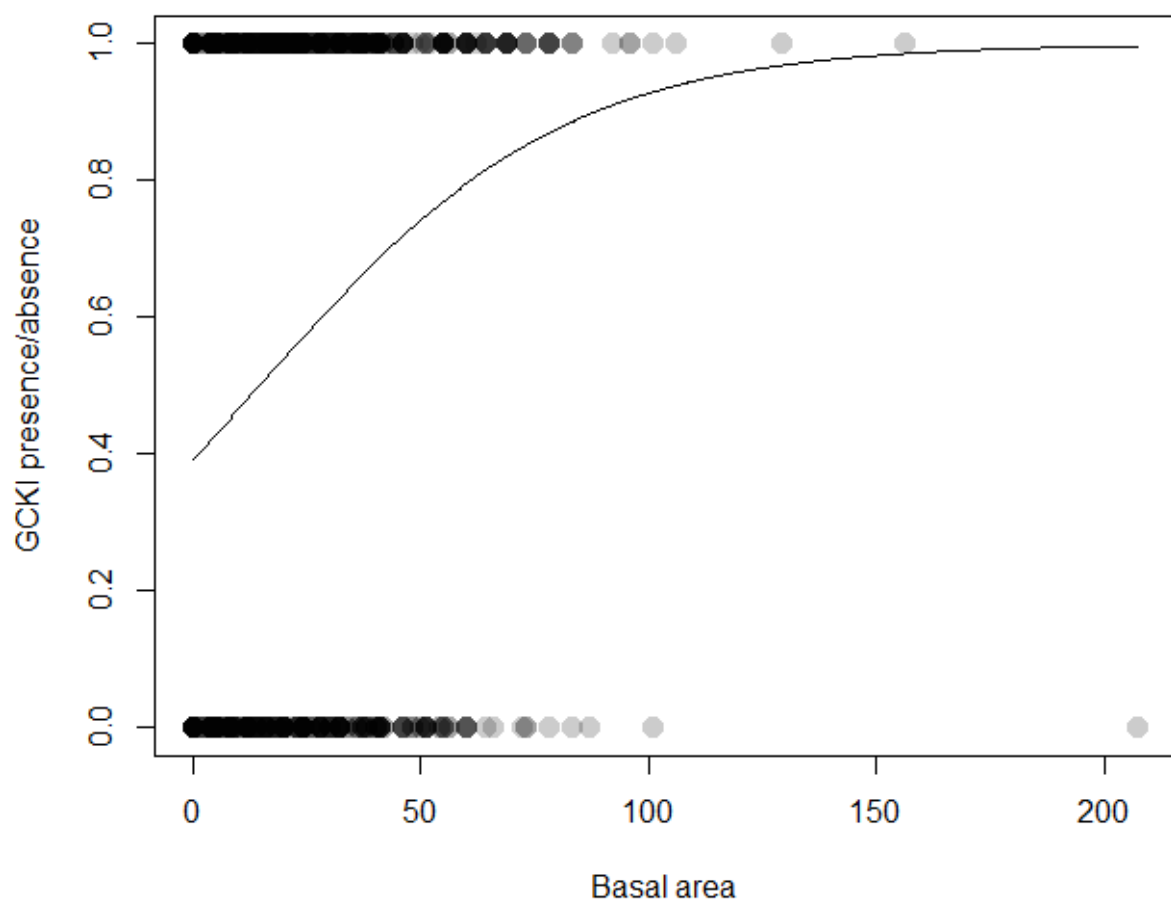
3.	df	AIC
fit_gcki_slope	2	1432.615
fit_gcki_ba_tot	12	1369.379
fit_gcki_both_additive	3	1355.951
fit_gcki_both_interactive	4	1353.007

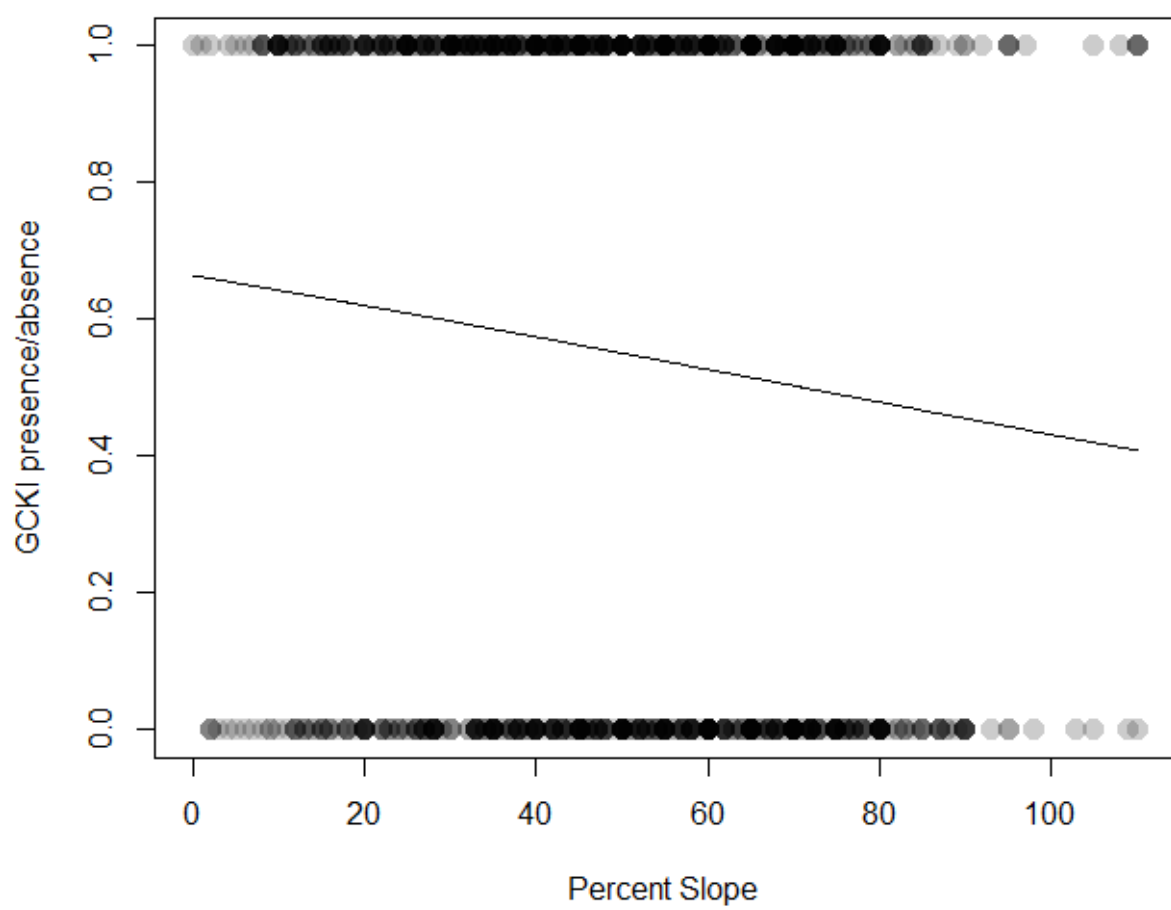
4. I would choose the additive model because of the ease of explanation when compared to the interactive model despite the slightly lower AIC score.

5. There is a statistically-significant slight negative relationship between GCKI presence and slope with a p-value of 1.01×10^{-4} . This suggests that observed presence decreases at higher altitudes. There is a slight positive relationship between total basal area and

observed presence

6.





7.

