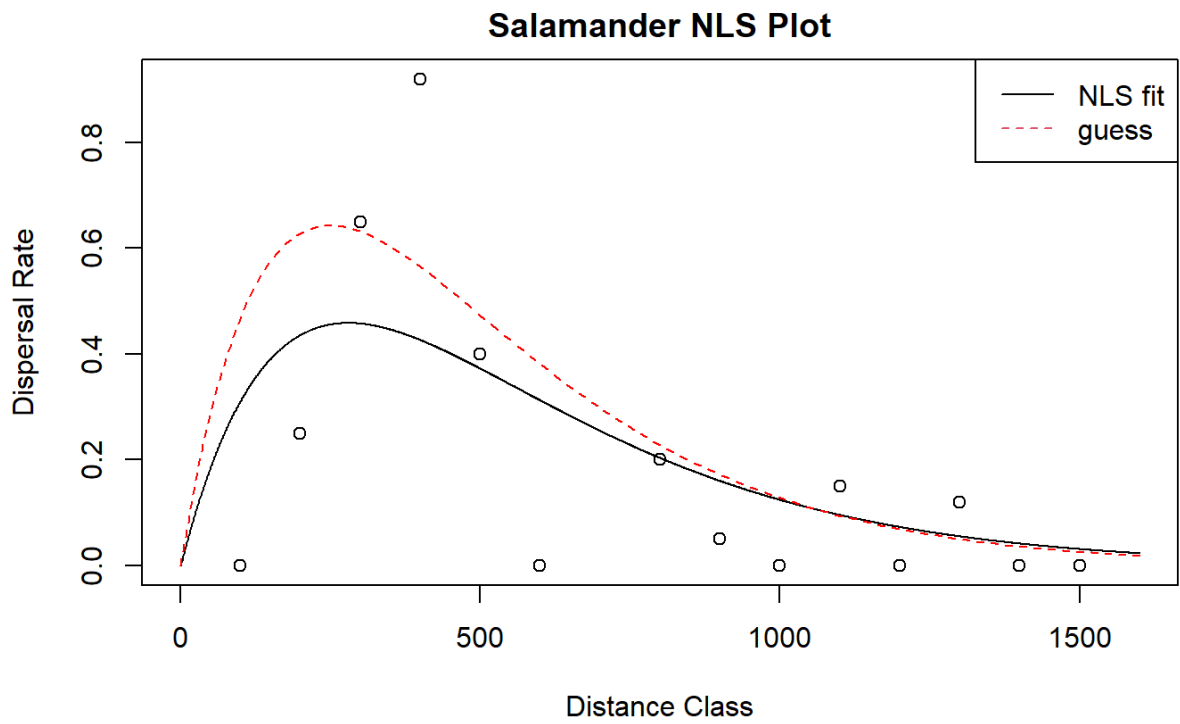


1.



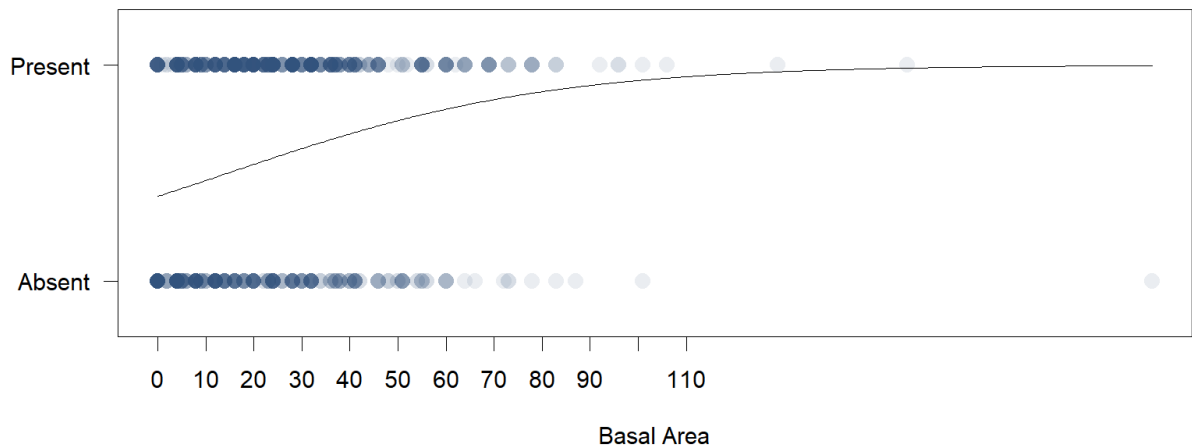
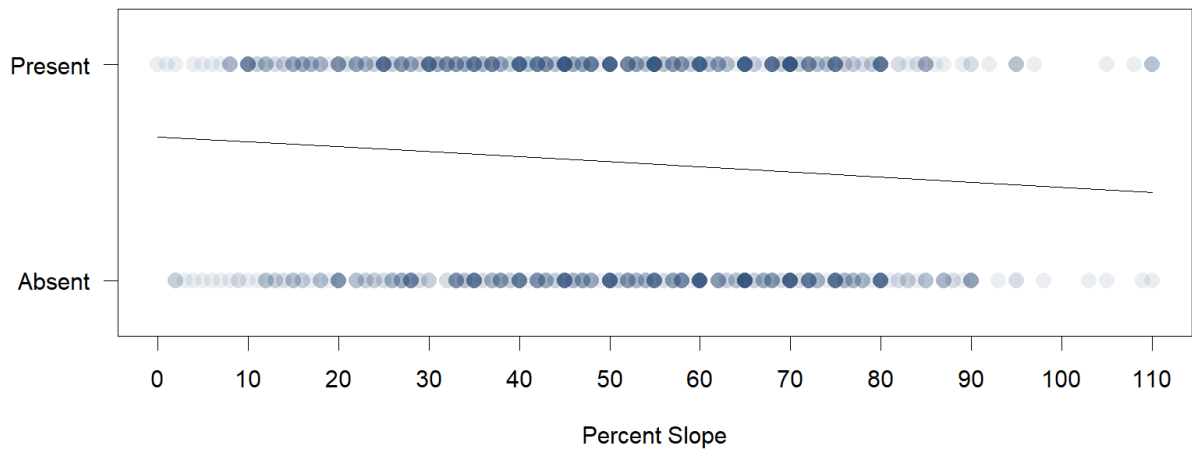
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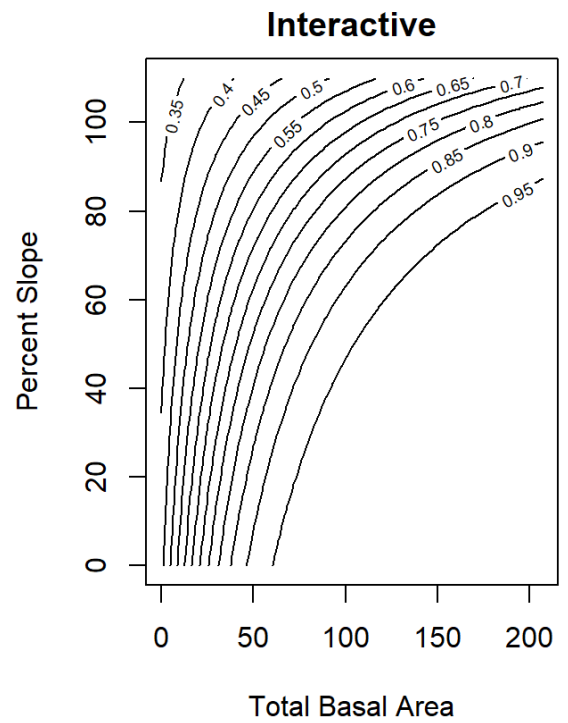
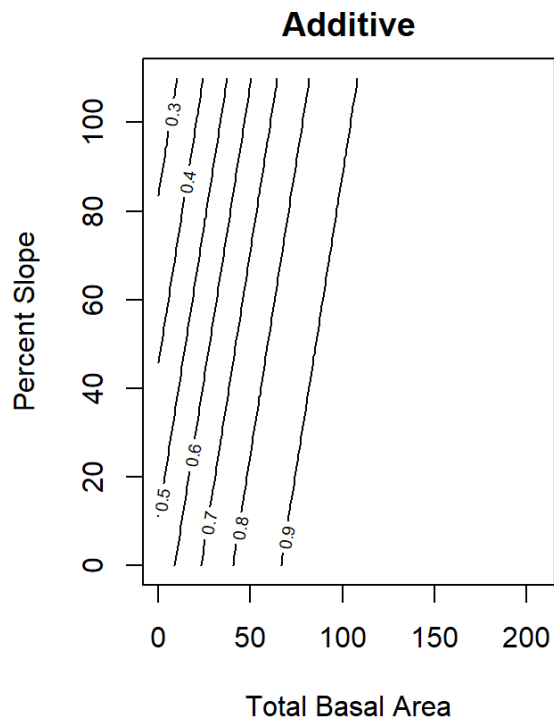
3. Fit_gcki_ba_tot: 1369.379
fit_gcki_slope: 1432.615

Fit_gcki_additive: 1355.951

fit_gcki_both_interactive: 1353.007

4. I would choose the interactive model because it has the lowest AIC.
5. Based on the model coefficient table for the interactive model, we can see slope is not significant to GCKI presence and has a slightly negative relationship. Total basal area is significant based on the p-value and has a positive relationship with GCKI presence. The interaction between total basal area and slope is also significant, but has a slightly negative relationship.
- 6.





7.