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Week 6 Reading Questions

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Q1: The baseline scenario regarding seed predation was with a 95% confidence limits for the rate differences, was there a statistical significance in terms of predation rates between the two seed types. The null hypothesis for seed predation would be that there is no difference on the predation for the two seed species.

Q2: # Clear your R environment to make

# sure there are no stray variables.

rm(list = ls())

pol\_n\_predation = 26

pol\_n\_no\_predation = 184

pol\_n\_total = 210

pol\_predation\_rate = 0.124

psd\_n\_predation = 25

psd\_n\_no\_predation = 706

psd\_n\_total = 731

psd\_predation\_rate = 0.034

Q3:

|  |  |  |
| --- | --- | --- |
| Species | Polyscias fulva (pol) | Pseudospondias macrocarpa(psd) |
| Any Taken | 26 | 25 |
| None Taken | 184 | 706 |
| N | 210 | 731 |
| Predation Rate | 0.124 | 0.034 |

Q4: 3.647