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| Scale | Question | Variables/Formula | Notes/Test statement |
| Temporal | 1. # changing over time? | glb.nb(cnt ~ year) | Repeated for all, HI cases, and each species |
|  | 2. % changing over time? | glm(cbind(yes, no), fam = binomial) |  |
|  |  |  |  |
| Categorical | 3. Seasonal peak in all strandings? | * pairwise kruskal.test(cnt~month) or * glm.nb(cnt~month,) |  |
|  | 4. Seasonal peak for certain species? | * overall test: anova(poisson, poisson\_interaction) * glm.nb(cnt~month) repeat for each species | Anova only says one is different, repeat for each species to see which months are different from the reference? |
|  | 5. Seasonal peak for certain ages? | * overall test: anova(poisson, poisson\_interaction) * glm(cnt~month) repeat for each age | Same as above for ages |
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| Categorical | 6. Stranding hotspots in certain counties? | * pairwise kruskal.test(cnt~month) or * glm(cnt~month, fam = poisson) |  |
|  | 7. Hotspot for *prevalence* of HI cases? As in, are some counties experiencing higher human interaction counts based on what you would expect from their counts of overall strandings? | ? |  |
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