## **Table S3. Coverage-standardized Shannon index and species richness models.** Bold predictor variables denote those with 90% confidence intervals (90% CIs) that do not overlap zero.

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| --- | --- | --- | --- |
| **Model** | **Variables** | **SI AICc** | **SR AICc** |
| Structural | **Canopy cover** + SD canopy + dist. to surface water | 187.4 | 191.8 |
| Natural cover | grassland cover + **shrubland cover** | 190.7 | 195.4 |
| Anthropic cover | **Vineyard cover** + developed cover + row crop cover + orchard cover + sound | 195.7 | 200.2 |
| Post hoc  | **Canopy cover** + shrubland cover + vineyard cover | 186.3 | 190.9 |