**Table S11. Functional dispersion models.** Bold predictor variables denote those with 90% confidence intervals (90% CIs) that do not overlap zero.

|  |  |  |
| --- | --- | --- |
| **Model** | **Variables** | **AICc** |
| Structural | **Canopy cover** + SD canopy + dist. to surface water  | 284.7 |
| Natural cover | **grassland cover** + shrubland cover | 284.9 |
| Anthropic cover | Vineyard cover + developed cover + orchard cover + **row crop cover** + sound | 284.7 |
| Post hoc  | **Canopy cover** + **row crop cover** + vineyard cover | 278.2 |