| Model | Fisher's C (df, P) | χ2 (df, P) | AICc | ΔAICc |
| --- | --- | --- | --- | --- |
| Birds | | | | |
| FDD | 34.129 (20, 0.025) | 14.774 (10, **0.141**) | -2372.314 | 0.000 |
| **GDD** | 27.307 (20, **0.127**) | 12.376 (10, **0.261**) | -2371.525 | 0.789 |
| Butterflies | | | | |
| **FDD** | 18.168 (18, **0.445**) | 10.046 (9, **0.347**) | -1612.720 | 0.000 |
| **GDD** | 19.447 (18, **0.365**) | 9.853 (9, **0.362**) | -1609.331 | 3.389 |
| Moths | | | | |
| **GDD** | 16.074 (20, **0.712**) | 8.472 (10, **0.583**) | -3343.787 | 0.000 |
| **FDD** | 9.592 (20, **0.975**) | 4.354 (10, **0.93**) | -3325.279 | 18.508 |
| Phytoplankton | | | | |
| **GDD** | 12.879 (20, **0.883**) | 7.005 (10, **0.725**) | -7313.255 | 0.000 |
| **FDD** | 14.979 (20, **0.778**) | 8.781 (10, **0.553**) | -7302.004 | 11.251 |
| Small Mammals | | | | |
| **GDD** | 23.644 (16, **0.098**) | 14.955 (8, **0.06**) | -2917.958 | 0.000 |
| **FDD** | 23.612 (16, **0.098**) | 15.02 (8, **0.059**) | -2916.038 | 1.920 |
| Large Mammals | | | | |
| **GDD** | 9.558 (14, **0.794**) | 3.25 (7, **0.861**) | -61409.744 | 0.000 |
| **FDD** | 10.85 (14, **0.698**) | 2.554 (7, **0.923**) | -61384.469 | 25.275 |