Table S13 — Sensitivity analysis results of pairwise comparisons of Estimated Marginal Means, derived from a quasi-Poisson Generalised Linear Model (see Methods), using the Tukey adjustment in the R package emmeans (Lenth 2021) to test for statistically significant differences between the publication delay of studies on species with different IUCN Red List statuses. Instead of selecting the most threatened species from each study, we selected a random species from each study. Estimate is the log odds difference between categories. Significance level = 0.05. p-values of 0.000 represent p<0.001.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Amphibians, birds, and mammals | | | | |
| Comparison | Estimate | Standard error | z-ratio | Adjusted p-value |
| LC - NT | 0.025 | 0.039 | 0.641 | 0.968 |
| LC - VU | 0.058 | 0.040 | 1.448 | 0.597 |
| LC - EN | -0.427 | 0.036 | -11.926 | 0.000 |
| LC - CR | -0.189 | 0.061 | -3.126 | 0.015 |
| NT - VU | 0.033 | 0.051 | 0.645 | 0.968 |
| NT - EN | -0.452 | 0.048 | -9.353 | 0.000 |
| NT - CR | -0.214 | 0.069 | -3.125 | 0.015 |
| VU - EN | -0.485 | 0.047 | -10.24 | 0.000 |
| VU - CR | -0.247 | 0.068 | -3.618 | 0.003 |
| EN - CR | 0.238 | 0.063 | 3.795 | 0.001 |
| Amphibians only | | | | |
| Comparison | Estimate | Standard error | z-ratio | Adjusted p-value |
| LC - NT | -0.221 | 0.209 | -1.057 | 0.829 |
| LC - VU | -0.024 | 0.136 | -0.180 | 1.000 |
| LC - EN | -0.024 | 0.149 | -0.164 | 1.000 |
| LC - CR | -0.079 | 0.156 | -0.507 | 0.987 |
| NT - VU | 0.196 | 0.239 | 0.820 | 0.924 |
| NT - EN | 0.196 | 0.245 | 0.800 | 0.931 |
| NT - CR | 0.141 | 0.250 | 0.564 | 0.980 |
| VU - EN | 0.000 | 0.188 | 0.001 | 1.000 |
| VU - CR | -0.055 | 0.196 | -0.280 | 0.999 |
| EN - CR | -0.055 | 0.202 | -0.271 | 0.999 |
| Birds only | | | | |
| Comparison | Estimate | Standard error | z-ratio | Adjusted p-value |
| LC - NT | 0.031 | 0.046 | 0.678 | 0.961 |
| LC - VU | 0.249 | 0.071 | 3.514 | 0.004 |
| LC - EN | -0.49 | 0.073 | -6.667 | 0.000 |
| LC - CR | 0.25 | 0.135 | 1.852 | 0.344 |
| NT - VU | 0.218 | 0.079 | 2.766 | 0.045 |
| NT - EN | -0.521 | 0.081 | -6.395 | 0.000 |
| NT - CR | 0.219 | 0.14 | 1.569 | 0.517 |
| VU - EN | -0.739 | 0.098 | -7.564 | 0.000 |
| VU - CR | 0.001 | 0.149 | 0.006 | 1.000 |
| EN - CR | 0.74 | 0.151 | 4.907 | 0.000 |
| Mammals only | | | | |
| Comparison | Estimate | Standard error | z-ratio | Adjusted p-value |
| LC - NT | 0.021 | 0.073 | 0.284 | 0.999 |
| LC - VU | -0.027 | 0.054 | -0.490 | 0.988 |
| LC - EN | -0.453 | 0.046 | -9.847 | 0.000 |
| LC - CR | -0.330 | 0.081 | -4.081 | 0.000 |
| NT - VU | -0.047 | 0.081 | -0.583 | 0.978 |
| NT - EN | -0.474 | 0.077 | -6.142 | 0.000 |
| NT - CR | -0.351 | 0.102 | -3.442 | 0.005 |
| VU - EN | -0.426 | 0.060 | -7.151 | 0.000 |
| VU - CR | -0.304 | 0.089 | -3.407 | 0.006 |
| EN - CR | 0.123 | 0.079 | 1.551 | 0.529 |