**Table S1.** Pairwise differences in plant-pollinator interaction composition between climate zones.

|  |  |  |  |
| --- | --- | --- | --- |
| **Climate zone comparison** | ***F*-value** | **Pseudo-*R2*** | ***P*-value** |
| Tropical *vs* Arid | 28.511 | 0.218 | 0.001 |
| Tropical *vs* Temperate | 186.287 | 0.571 | 0.001 |
| Tropical *vs* Continental | 30.205 | 0.243 | 0.001 |
| Tropical *vs* Polar | 27.154 | 0.222 | 0.001 |
| Arid *vs* Temperate | 34.019 | 0.315 | 0.001 |
| Arid *vs* Continental | 27.197 | 0.493 | 0.001 |
| Arid *vs* Polar | 15.904 | 0.354 | 0.001 |
| Temperate *vs* Continental | 6.496 | 0.090 | 0.016 |
| Temperate *vs* Polar | 12.730 | 0.160 | 0.003 |
| Continental *vs* Polar | 4.220 | 0.167 | 0.014 |



**Figure S1.** A) Model-estimated proportion of network links and (B) rate of species-level generalism for each pollinator taxonomic group in response to absolute latitude. Lines are posterior mean model estimates ± 95% credible intervals. Predictions of pollinator generalism are constrained to equal network size (100 plant-pollinator links).