| mods | df | logLik | AICc | delta | model |
| --- | --- | --- | --- | --- | --- |
| Decline effect | 5 | -10.08 | 31.78 | 0.00 | shannon\_M1 |
| Precipitation change | 5 | -10.67 | 32.97 | 1.19 | shannon\_M4 |
| Small study effect | 5 | -11.02 | 33.66 | 1.88 | shannon\_M2 |
| Precipitation change + Decline effect | 6 | -10.30 | 34.93 | 3.15 | shannon\_M5 |
| Precipitation change + Small study effect | 6 | -10.66 | 35.65 | 3.88 | shannon\_M6 |
| Decline effect + Small study effect | 6 | -10.86 | 36.06 | 4.28 | shannon\_M3 |
| Precipitation change + Decline effect + Small study effect | 7 | -10.87 | 38.95 | 7.17 | shannon\_M7 |
| Precipitation change\*Above/belowground | 7 | -11.13 | 39.46 | 7.68 | shannon\_M12 |
| Precipitation change\*Exoskeleton | 7 | -11.95 | 41.09 | 9.32 | shannon\_M16 |
| Precipitation change\*Body size | 7 | -11.95 | 41.09 | 9.32 | shannon\_M8 |
| Precipitation change\*Above/belowground + Decline effect | 8 | -11.22 | 42.67 | 10.89 | shannon\_M13 |
| Precipitation change\*Body size + Small study effect | 8 | -11.31 | 42.85 | 11.08 | shannon\_M10 |
| Precipitation change\*Above/belowground + Small study effect | 8 | -11.52 | 43.27 | 11.50 | shannon\_M14 |
| Precipitation change\*Exoskeleton + Decline effect | 8 | -11.79 | 43.81 | 12.04 | shannon\_M17 |
| Precipitation change\*Body size + Decline effect | 8 | -11.79 | 43.81 | 12.04 | shannon\_M9 |
| Precipitation change\*Body size + Decline effect + Small study effect | 9 | -11.03 | 45.51 | 13.73 | shannon\_M11 |
| Precipitation change\*Exoskeleton + Decline effect + Small study effect | 9 | -11.03 | 45.51 | 13.73 | shannon\_M19 |
| Precipitation change\*Above/belowground + Decline effect + Small study effect | 9 | -11.33 | 46.11 | 14.34 | shannon\_M15 |