| disturbance | outcome | model\_type | term | type | estimate | std.error | statistic | p.value | qe | qe\_p | I2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Precipitation reduction | Abundance | Null model | overall | summary | -0.463 | 0.146 | -3.176 | 0.001 | 1114.224 | 0 | 84.715 |
| Precipitation reduction | Abundance | Outliers removed | overall | summary | -0.394 | 0.121 | -3.250 | 0.001 | 527.310 | 0 | 70.625 |
| Precipitation reduction | Abundance | Low validity removed | overall | summary | -0.563 | 0.194 | -2.902 | 0.004 | 759.646 | 0 | 84.353 |
| Precipitation increase | Abundance | Null model | overall | summary | 0.181 | 0.135 | 1.335 | 0.182 | 2431.930 | 0 | 72.352 |
| Precipitation increase | Abundance | Outliers removed | overall | summary | 0.119 | 0.093 | 1.282 | 0.200 | 261.567 | 0 | 45.123 |
| Precipitation increase | Abundance | Low validity removed | overall | summary | 0.165 | 0.170 | 0.972 | 0.331 | 2320.219 | 0 | 71.700 |
| Precipitation reduction | Alpha diversity | Null model | overall | summary | -0.071 | 0.032 | -2.226 | 0.026 | 223.987 | 0 | 51.627 |
| Precipitation reduction | Alpha diversity | Outliers removed | overall | summary | -0.092 | 0.036 | -2.557 | 0.011 | 214.984 | 0 | 52.462 |
| Precipitation reduction | Alpha diversity | Low validity removed | overall | summary | -0.136 | 0.032 | -4.242 | 0.000 | 130.976 | 0 | 24.921 |
| Precipitation increase | Alpha diversity | Null model | overall | summary | 0.014 | 0.055 | 0.247 | 0.805 | 25.287 | 1 | 30.838 |
| Precipitation increase | Alpha diversity | Outliers removed | overall | summary | -0.043 | 0.018 | -2.352 | 0.019 | 17.708 | 1 | 0.000 |
| Precipitation increase | Alpha diversity | Low validity removed | overall | summary | -0.045 | 0.018 | -2.411 | 0.016 | 16.645 | 1 | 0.000 |