**Table S2**

**A.** Host species richness (continuous, >0 hosts, df = 94) x vertical transmission (discrete), α = 100.54.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | 0.5003 | 0.3606 | 1.3872 | 0.1653 | 0.3091 | 2.160 |
| Vertical transmission | -0.0338 | 0.0161 | -2.0942 | **0.0362** | -0.0731 | -0.0196 |

**B.** Host species richness (continuous, >1 hosts, df = 47) x vertical transmission (discrete), α = 2.97.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | 0.1729 | 1.0669 | 0.1620 | 0.8713 | -0.0801 | 1.6126 |
| Vertical transmission | -0.0508 | 0.0240 | -2.1190 | **0.0341** | -0.1868 | -0.0190 |

**C.** Host species richness (continuous, >2 hosts, df = 33) x vertical transmission (discrete), α = 4.06.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | 1.4344 | 1.1385 | 1.2599 | 0.2077 | -0.0151 | 1.9348 |
| Vertical transmission | -0.0342 | 0.0145 | -2.3682 | **0.0178** | -0.0602 | -0.0158 |

**D.** Host species richness (continuous, >3 hosts, df = 26) x vertical transmission (discrete), α = 3.99.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | 1.2420 | 1.0614 | 1.1701 | 0.2420 | 0.0743 | 2.4893 |
| Vertical transmission | -0.0399 | 0.0181 | -2.2002 | **0.0278** | -0.0571 | -0.0219 |

**E.** Host species richness (continuous, >4 hosts, df = 23) x vertical transmission (discrete), α = 4.01.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | 1.2299 | 1.0563 | 1.1643 | 0.2443 | 0.2708 | 2.6064 |
| Vertical transmission | -0.0366 | 0.0175 | -2.0879 | **0.0368** | -0.0815 | -0.0189 |

**F.** Host species richness (continuous, >5 hosts, df = 18) x vertical transmission (discrete), α = 3.12.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate | StdErr | z value | p value | lower boot CI | upper boot CI |
| Intercept | -0.9603 | 1.3747 | -0.6986 | 0.4848 | -0.9618 | 0.1679 |
| Vertical transmission | -0.0105 | 0.0125 | -0.8440 | 0.3987 | -0.0262 | 0.0001 |