Posterior estimates (median log-odds, 90% HDPI): Infection prevalence aggregated among all hosts

| **variable** | **Richness only** | **Richness + density of key hosts** | **Richness + community competence** |
| --- | --- | --- | --- |
| a0 | -0.2  (-0.43, 0.03) | -0.32  (-0.54, -0.09) | -0.16  (-0.37, 0.07) |
| Year\* | -0.09  (-0.42, 0.24) | 0.13  (-0.19, 0.48) | -0.05  (-0.4, 0.26) |
| Forest type\*\* | -0.42  (-0.77, -0.09) | -0.36  (-0.7, -0.02) | -0.57  (-0.91, -0.24) |
| Host vegetative coverage | 0.47  (0.14, 0.79) | 0.57  (0.21, 0.88) | 0.46  (0.16, 0.78) |
| Precipitation | -0.44  (-0.78, -0.13) | -0.17  (-0.52, 0.13) | -0.38  (-0.68, -0.08) |
| Potential solar induction | -0.08  (-0.4, 0.22) | -0.17  (-0.5, 0.12) | -0.19  (-0.51, 0.12) |
| Richness | -0.38  (-0.71, -0.1) | -0.35  (-0.66, -0.04) | -0.24  (-0.54, 0.08) |
| Bay laurel basal area | – | 1.26  (0.9, 1.57) | – |
| Tanoak basal area | – | 0.45  (0.1, 0.78) | – |
| Community competence | – | – | 0.69  (0.35, 0.99) |
| theta | 2.1  (2, 2.28) | 2.34  (2, 2.7) | 2.14  (2, 2.36) |
| \*Estimate for plots sampled in 2007. | | | |
| \*\*Estimate for redwood forests. | | | |