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

| **variable** | **Richness only** | **Richness + density of key hosts** | **Richness + community competence** |
| --- | --- | --- | --- |
| a0 | 0.22  (-0.04, 0.45) | 0.03  (-0.2, 0.27) | 0.23  (0, 0.46) |
| Year\* | -0.22  (-0.54, 0.13) | 0.08  (-0.24, 0.44) | -0.15  (-0.49, 0.21) |
| Forest type\*\* | -0.15  (-0.47, 0.22) | 0.02  (-0.31, 0.39) | -0.28  (-0.62, 0.08) |
| Host vegetative coverage | 0.42  (0.09, 0.76) | 0.57  (0.21, 0.91) | 0.39  (0.03, 0.71) |
| Precipitation | -0.73  (-1.03, -0.38) | -0.37  (-0.7, -0.01) | -0.65  (-1.01, -0.33) |
| Potential solar induction | -0.04  (-0.35, 0.28) | -0.1  (-0.42, 0.22) | -0.16  (-0.49, 0.17) |
| Richness | -0.18  (-0.5, 0.16) | -0.15  (-0.49, 0.19) | -0.02  (-0.36, 0.33) |
| Bay laurel basal area | – | 1.43  (1.07, 1.79) | – |
| Tanoak basal area | – | 0.3  (-0.07, 0.65) | – |
| Community competence | – | – | 0.77  (0.41, 1.1) |
| theta | 2.06  (2, 2.17) | 2.14  (2, 2.38) | 2.06  (2, 2.2) |
| \*Estimate for plots sampled in 2007. | | | |
| \*\*Estimate for redwood forests. | | | |