

Table 1. Results of univariate analyses (b, estimated coefficients and Z-statistics).

Variables	b	Z
Forest connectivity	0.02	1.30
Neighbour infection intensity	0.30	18.7***
Local assemblage similarity	0.07	4.72***
BIO01	-0.45	-22.43***
BIO05	-0.41	-20.31***
BIO10	-0.40	-21.85***
BIO12	-0.17	-9.85***
BIO13	-0.19	-9.39***
BIO14	-0.16	-9.58***
BIO16	-0.16	-8.44***
BIO18	-0.04	-2.22*

Variables: BIO1 = Annual Mean Temperature; BIO5 = Max Temperature of Warmest Month; BIO8 = Mean Temperature of Wettest Quarter; BIO10 = Mean Temperature of Warmest Quarter; BIO12 = Annual Precipitation; BIO13 = Precipitation of Wettest Month; BIO14 = Precipitation of Driest Month; BIO16 = Precipitation of Wettest Quarter; BIO18 = Precipitation of Warmest Quarter.

Table 2. Correlations between candidate variables.

	Forest connectivity	Neighbour infection intensity	Local assemblage similarity	BIO01	BIO05	BIO10	BIO12	BIO13	BIO14	BIO16
Forest connectivity	1.00									
Neighbour infection intensity	0.04	1.00								
Local assemblage similarity	-0.04	-0.01	1.00							
BIO01	-0.06	-0.23	0.19	1.00						
BIO05	-0.14	-0.22	0.15	0.94	1.00					
BIO10	-0.26	-0.23	0.15	0.94	0.98	1.00				
BIO12	0.42	-0.16	-0.03	0.47	0.35	0.30	1.00			
BIO13	0.11	-0.17	0.02	0.61	0.49	0.49	0.79	1.00		
BIO14	0.58	-0.12	0.01	0.38	0.27	0.18	0.88	0.50	1.00	
BIO16	0.13	-0.15	-0.02	0.52	0.39	0.39	0.83	0.97	0.54	1.00
BIO18	0.09	-0.07	-0.02	0.29	0.14	0.14	0.66	0.78	0.40	0.87