

Supplementary Table S2. The probability of pine sawfly outbreak continuing (ICP Forests Level 1 plots). Values shown are posterior means and 95% probability intervals for the inverse logit transformation of the parameter  $\beta$  (site type,1) of the HB model (see Supplementary Table S1)

Site type	The probability of pine sawfly outbreak continuing	95% probability interval
A	0.41	0.12-0.77
B	0.61	0.48-0.74
C	0.58	0.49-0.67
D	0.53	0.07-0.97
E	0.4	0.18-0.66