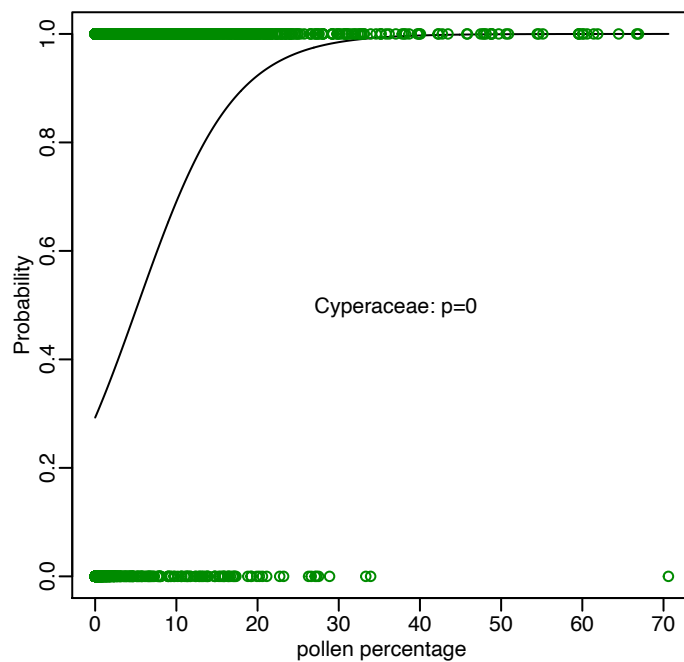
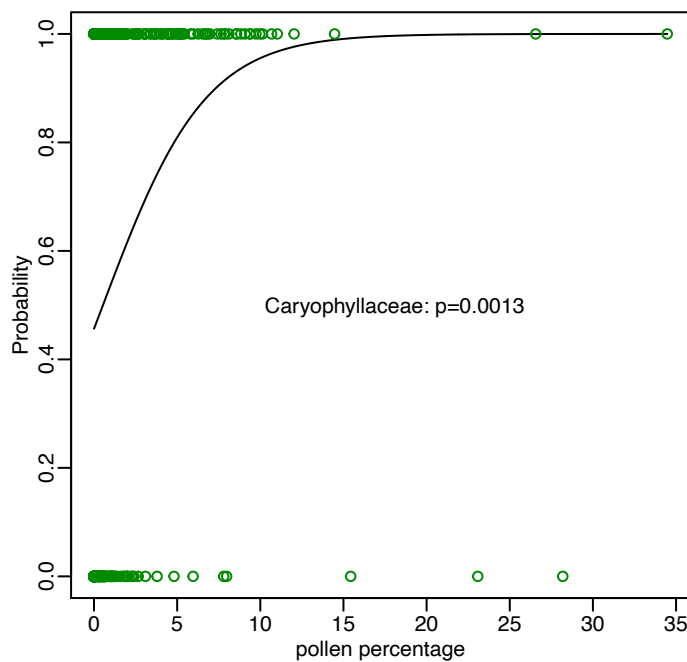
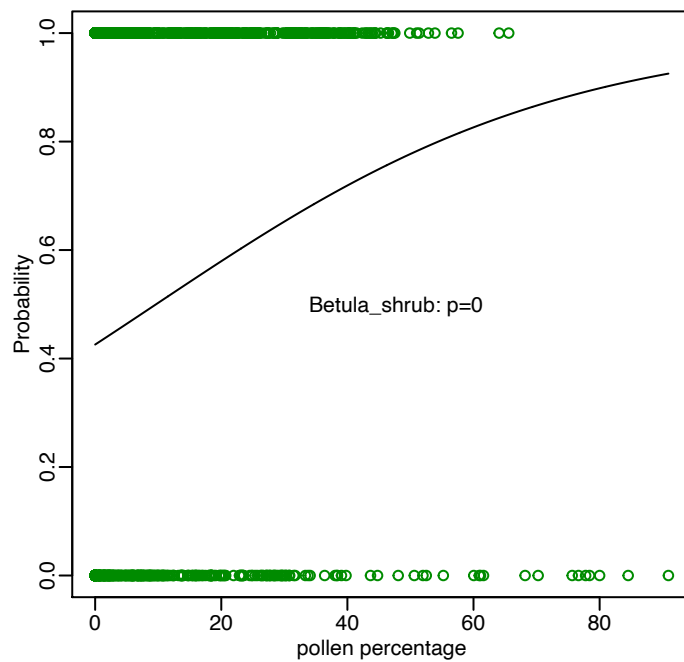
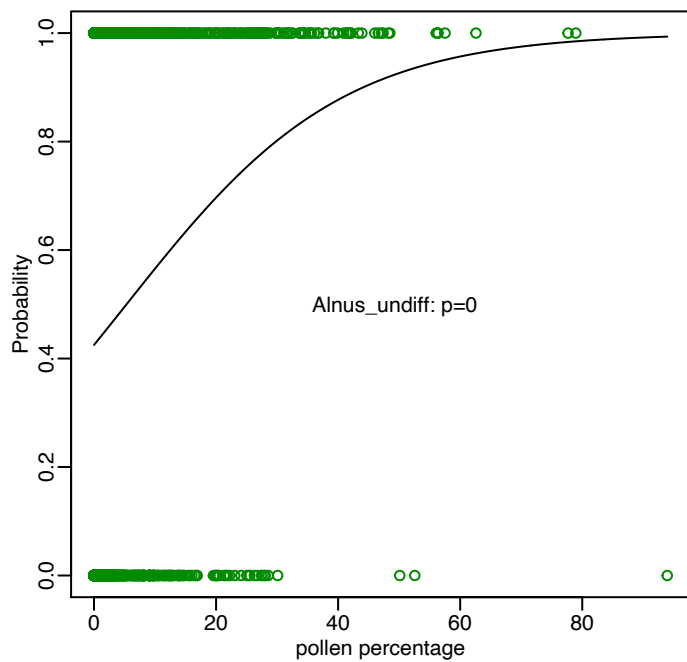
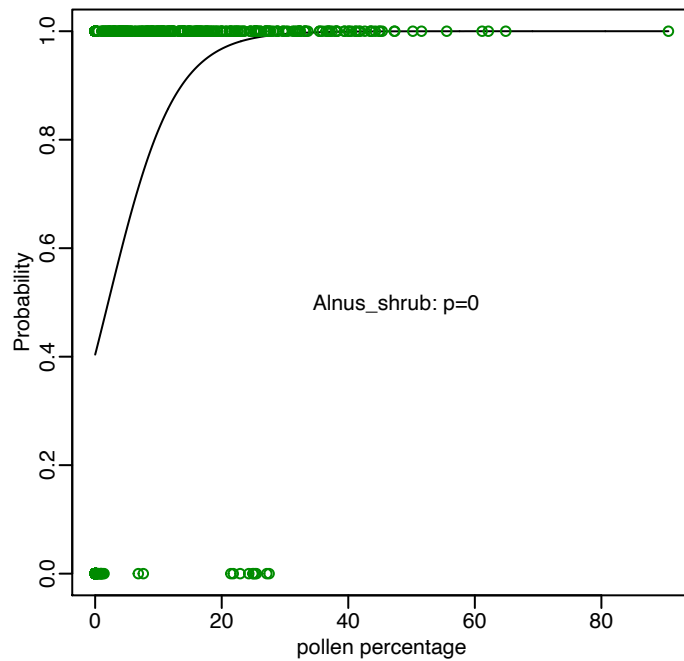
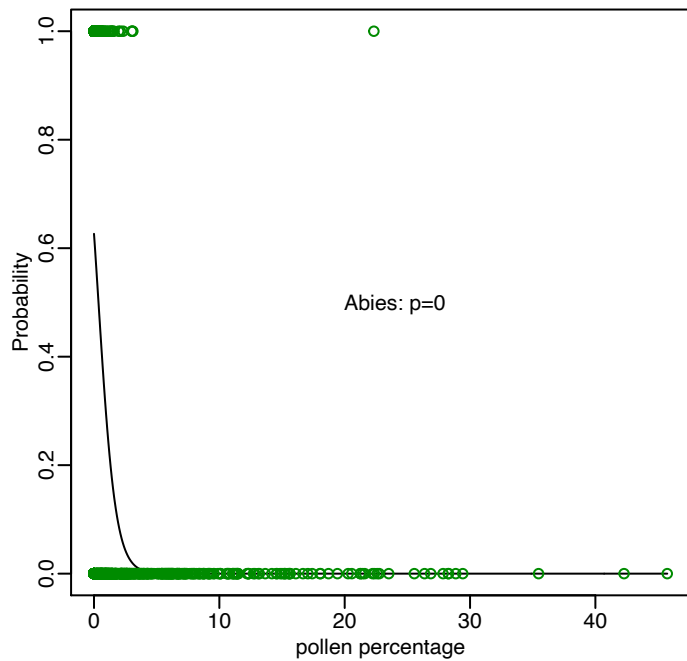
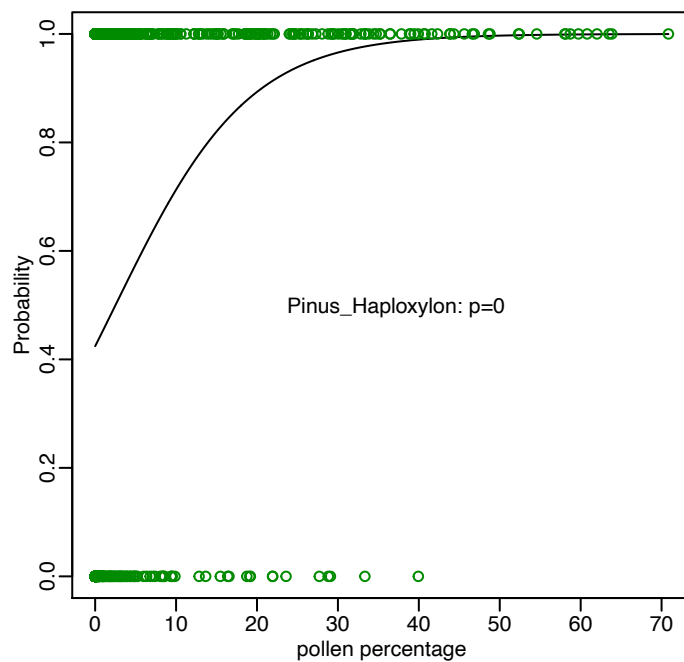
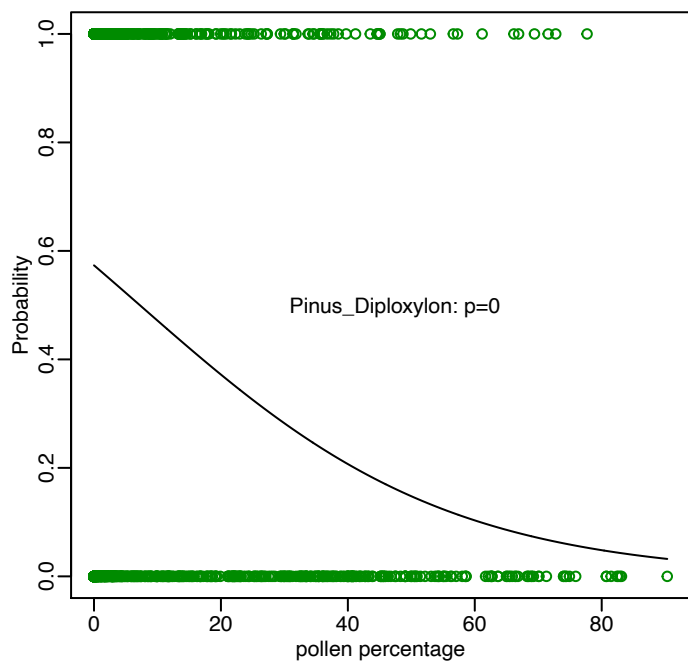
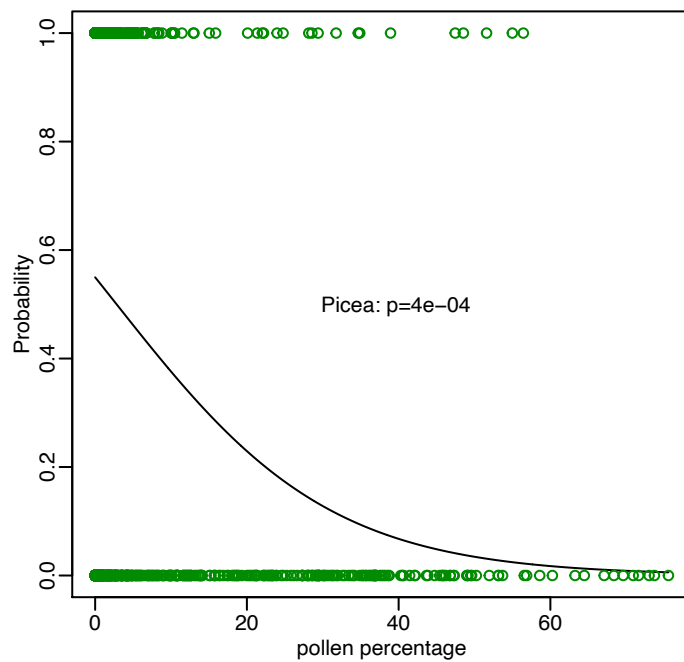
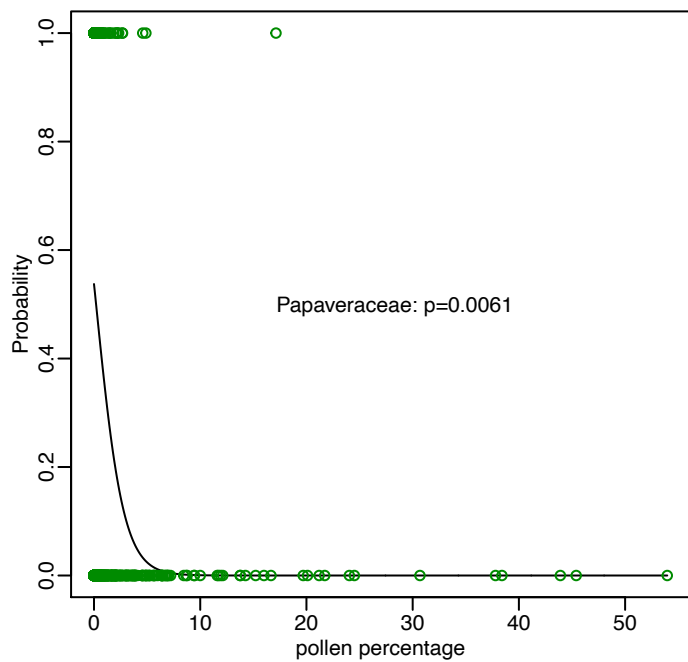
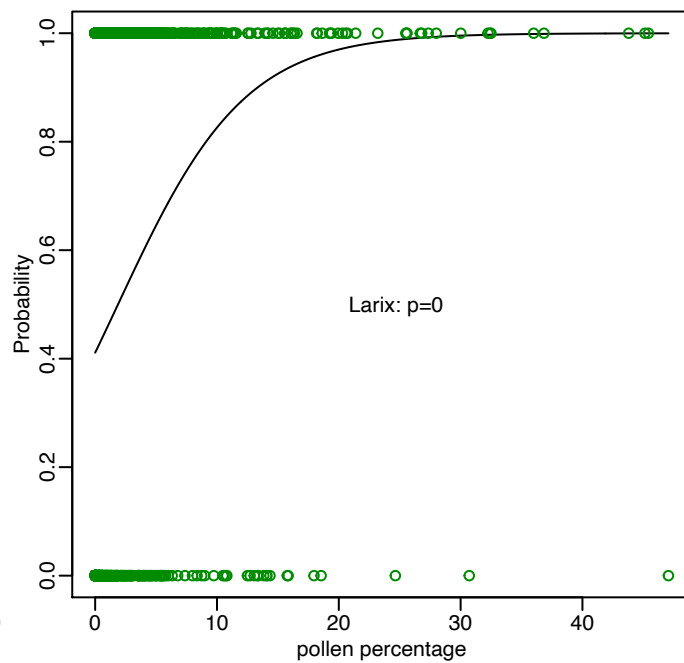
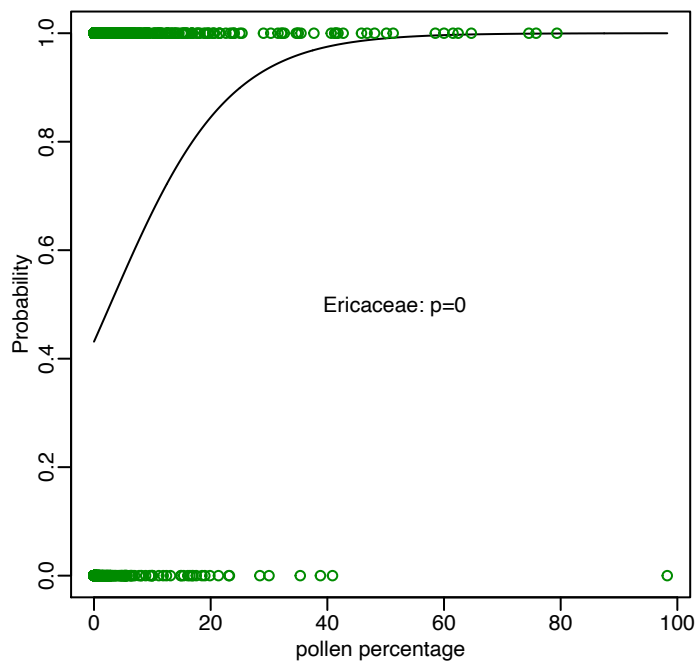
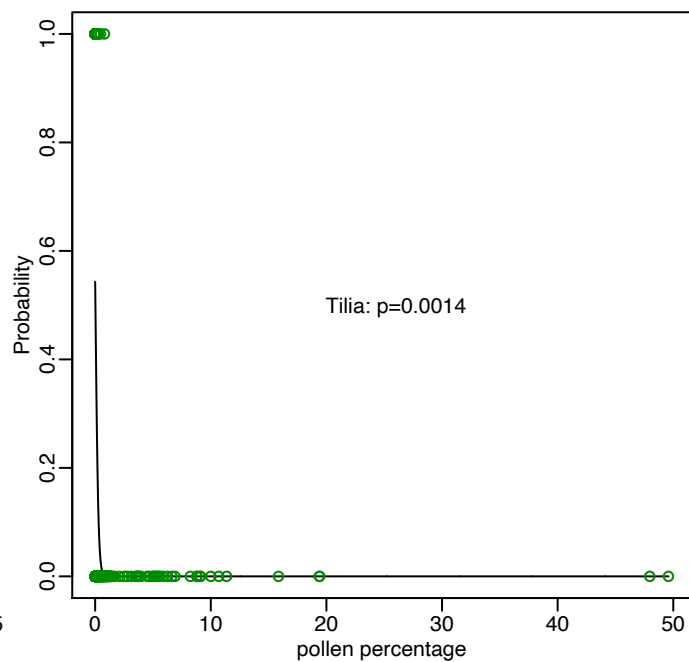
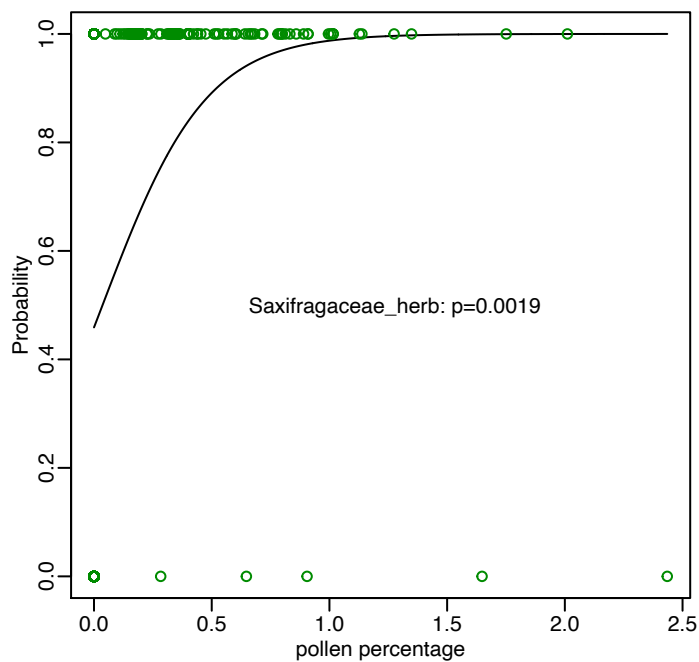
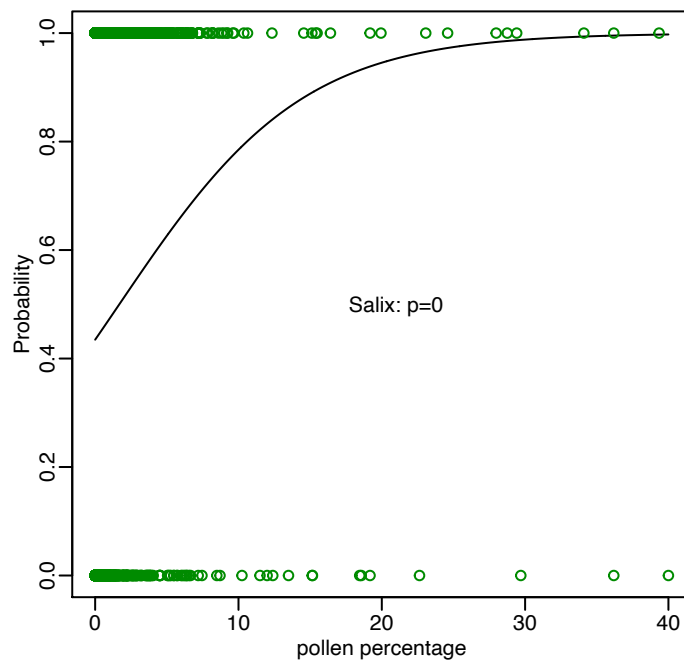
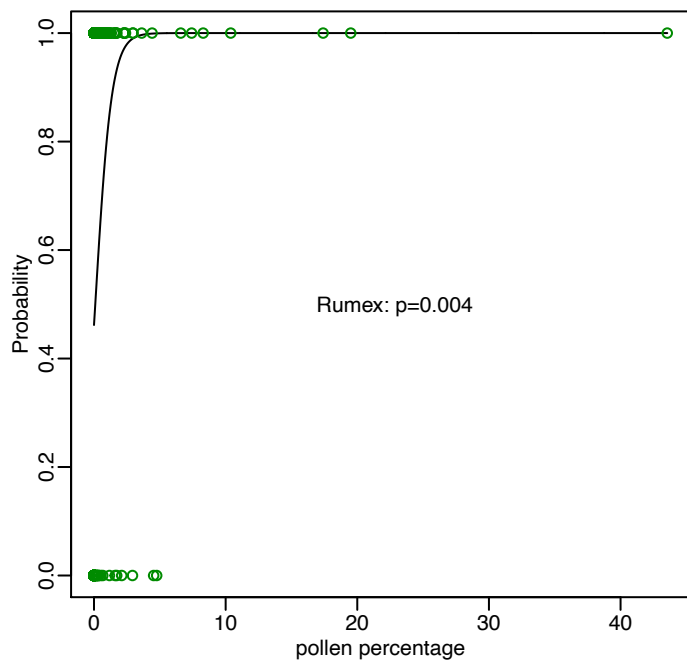
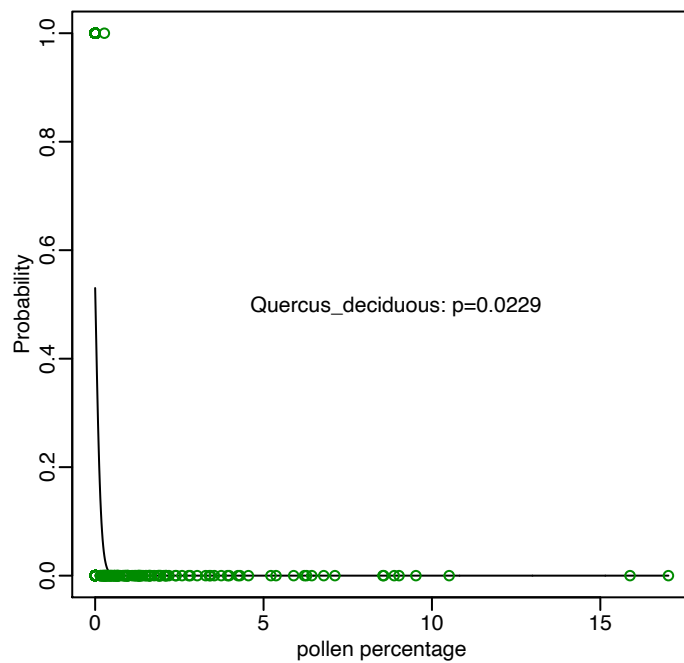
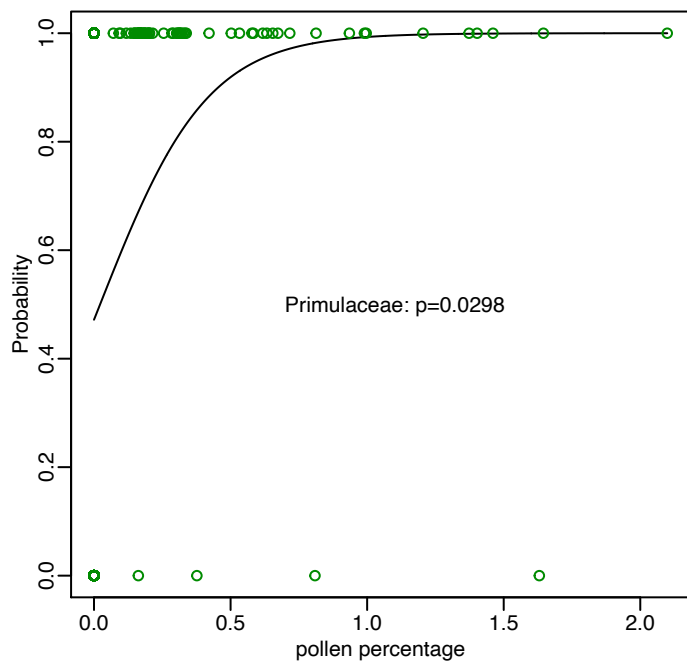








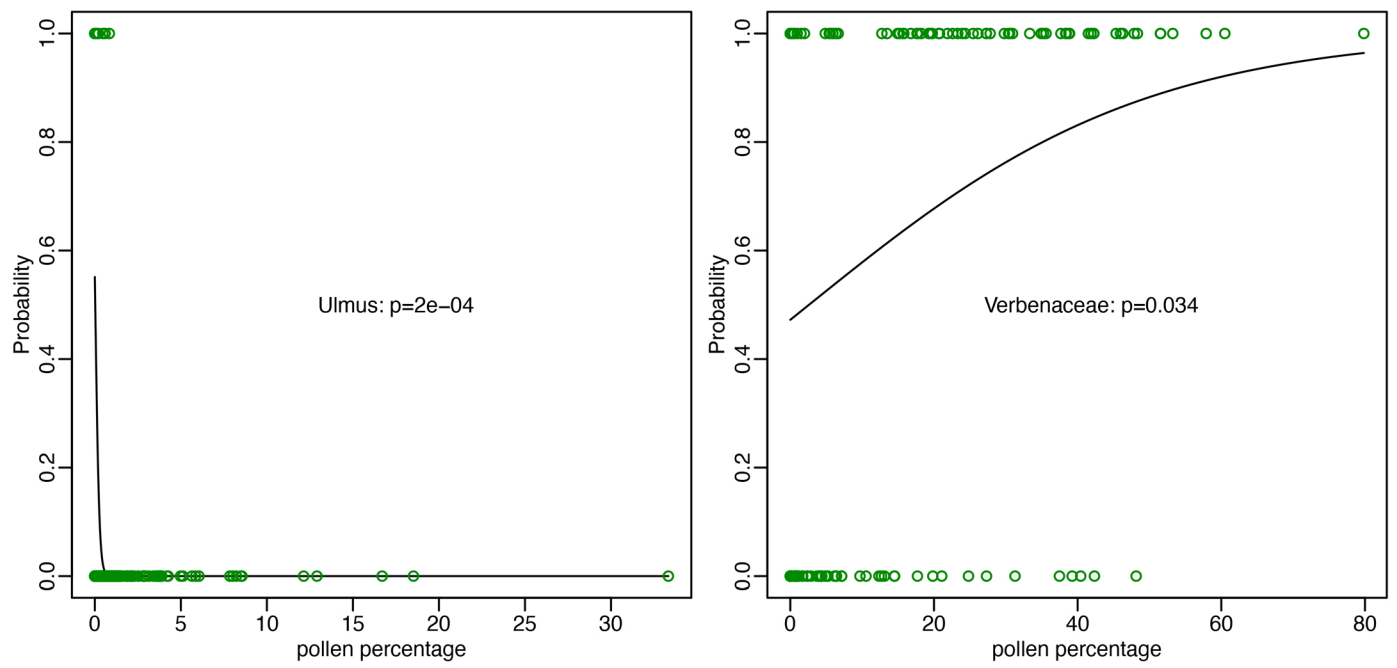


Figure S1 Logistic regression curves of the 20 taxa that are significantly correlated.

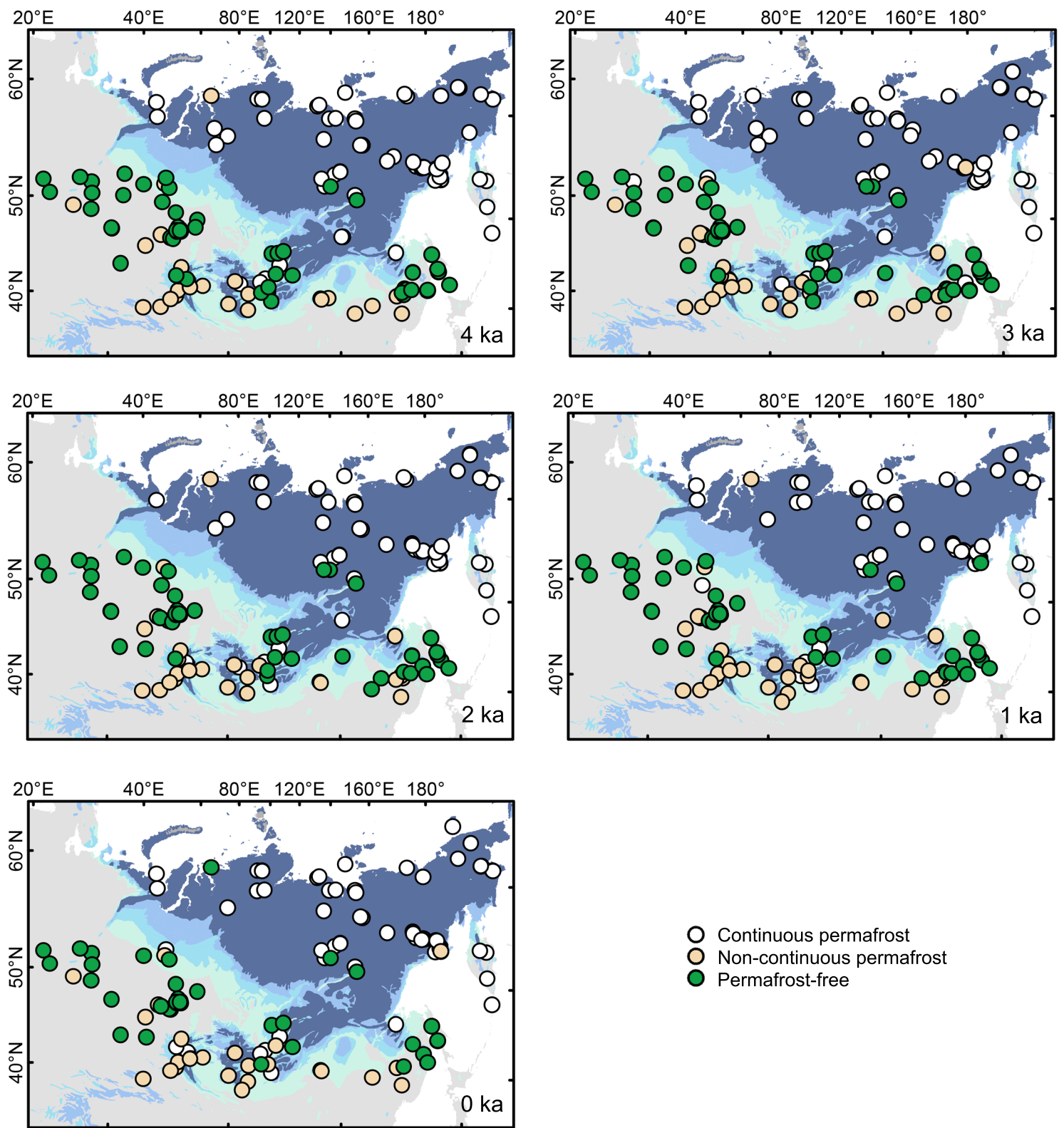


Figure S2 Temporal and spatial changes in permafrost state reconstructed for northern Asia from 4 to 0 cal ka BP.

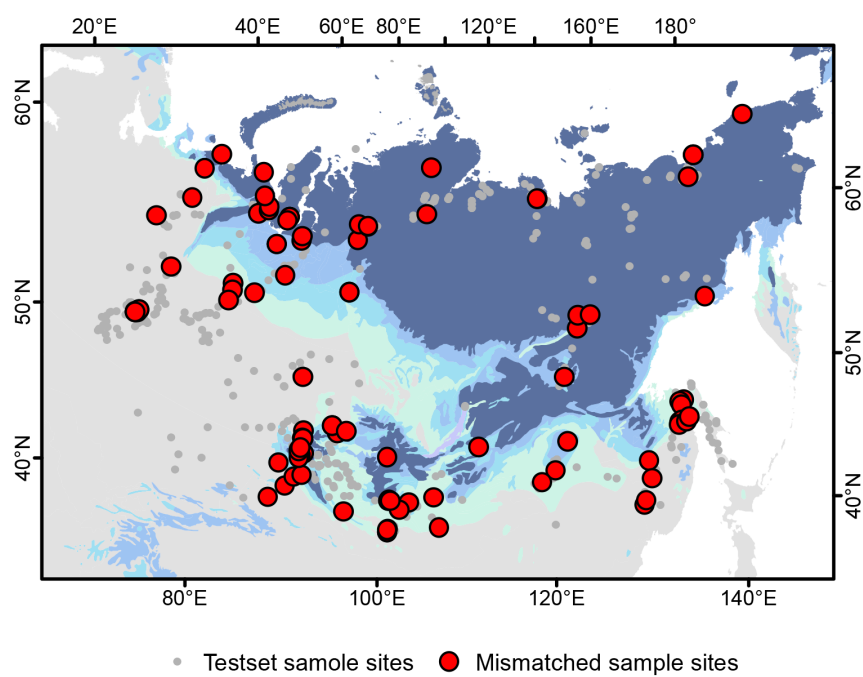


Figure S3 Distribution of the mismatched sample sites.

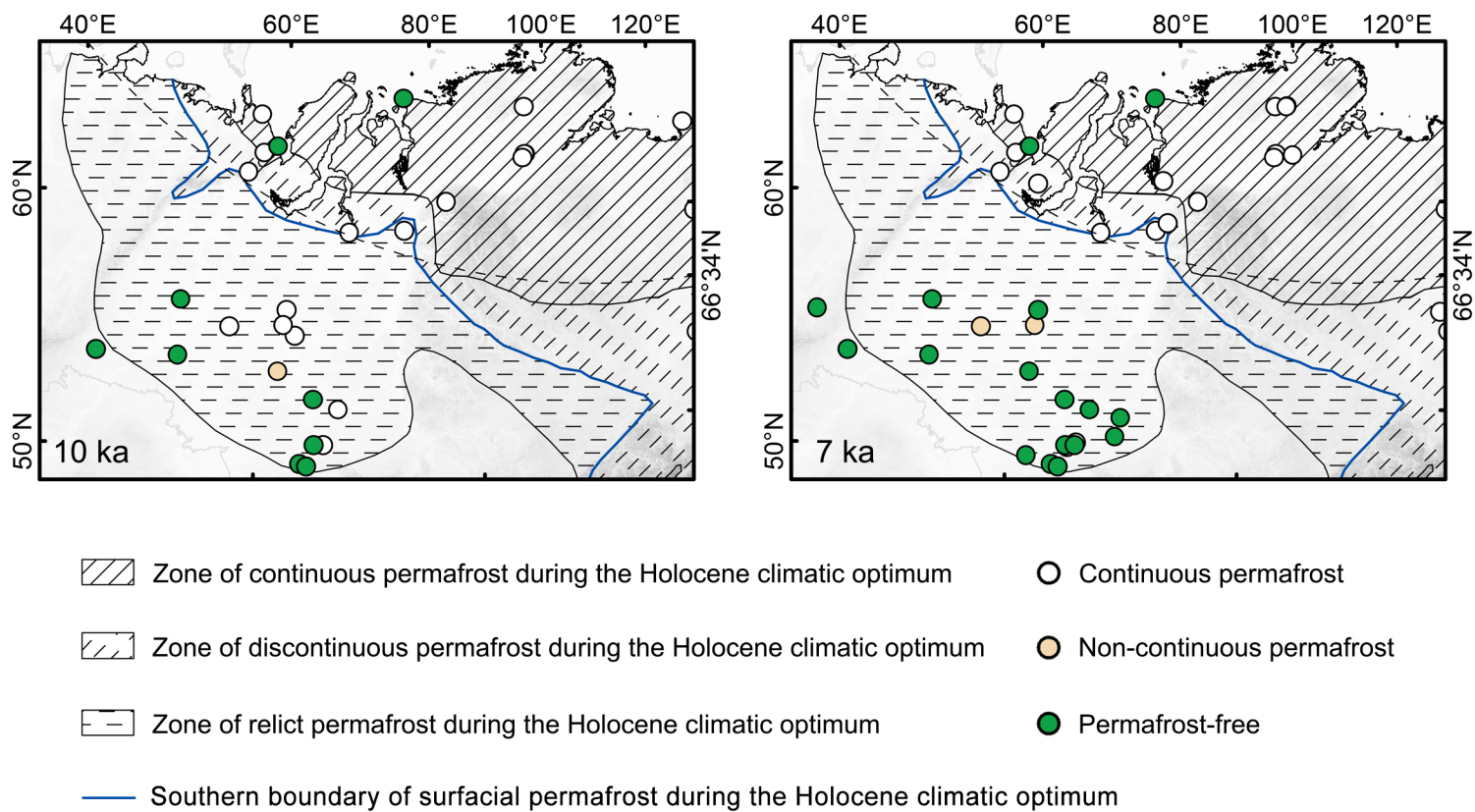


Figure S4 Distribution of permafrost in western Siberia during the early Holocene and Holocene climatic optimum