

Results

Appendix 3. Results for the univariate “*anova*” test in the *manyglm* model comparing mainland Europe countries. Significant ($p < 0.05$) plant and invertebrate taxonomic differences for the test variable “location” in the final model shown, ordered by taxonomy. Likelihood ratio test values (LRT) and p -values are given for the univariate test. Percent frequency of occurrence values (% FOO) for each plant and invertebrate genera across the factor level are indicated.

Predictor variable	Plant/Invertebrate taxa	LRT	p -value	%FOO Denmark	%FOO Germany
Location (Germany/Denmark)	<i>Carpinus betulus</i>	13.4	0.003	3	40.9
Location (Germany/Denmark)	<i>Helianthus sp.</i>	10.1	0.016	54.5	13.6
Location (Germany/Denmark)	<i>Quercus rubra</i>	9.9	0.017	0	22.7
Location (Germany/Denmark)	<i>Quercus sp.</i>	9.1	0.026	3	31.8
Location (Germany/Denmark)	<i>Operophtera brumata</i>	14.4	0.003	0	64.3