

Table S4: Statistical results of linear mixed-effects models with pseudo F-value as response variable, the interaction of saproxylic/ non-saproxylic and disturbance type as a predictor as well as study site and taxonomic groups as random effects (i.e. F-value ~ time since disturbance + disturbance type: saproxylic/ non-saproxylic + (1|study site + taxonomic group) -1). Statistical results based on a simultaneous inference procedure to compare the effects of salvage logging on community composition across saproxylic and non-saproxylic species groups within each disturbance type. Significant p-values are given in bold.

Variable	Estimate	Std_error	t_value	p_value
Years after disturbance	-3.13 e ⁻²	5.97 e ⁻²	-5.25 e ⁻¹	0.599
Insect disturbance				
Non-Saproxylic vs. Saproxylic	-5.66	3.66	-1.54	0.123
Windstorm				
Non-Saproxylic vs. Saproxylic	-8.80	2.48	-3.55	<0.001