

Appendixes

Appendix 1

The estimation call was:

```
spikeSlabGAM(y ~ Tree_competition + Preceding_landuse_type +Regeneration_method +  
Young_growth_tending +Site_preparation*Age_of_oak_stand +  
Status_of_nutrient_supply + Status_of_water_supply + Landscape_type +  
Competitive_vegetation + Fencing + Browsing + Stand_size + Shrub_competition +  
Canopy_layer_cover + Climate_quotient_Ellenberg,  
family = "binomial", data = d,  
mcmc = list(nChains = 10, chainLength = 1000, burnin = 5000, thin = 5))
```

Appendix 2

The estimation call was:

```
gam(Tree_competition~Preceding_landuse_type +Regeneration_method +  
Young_growth_tending +Site_preparation*Age_of_oak_stand +  
Status_of_nutrient_supply + Status_of_water_supply + Landscape_type +  
Competitive_vegetation + Fencing + Browsing + Stand_size +  
Shrub_competition +Canopy_layer_cover + Climate_quotient_Ellenberg,  
family = ocat(R = 4), data = d)
```

Appendix 3

Results of the (multi-) collinearity analysis of the factor “tree competition”.















