

PHENOFIT parametrization of *Q. robur*

1. Insights on the model performance

- Species : *Quercus robur* (A. Duputie parametrization)
- Discrimination metric: AUC on all presence/absence points = 0.687
- Reliability metric: Boyce index on all presence points = 0.659, 0.735, 0.483 (*Spearman*, *Pearson*, *Kendall*)

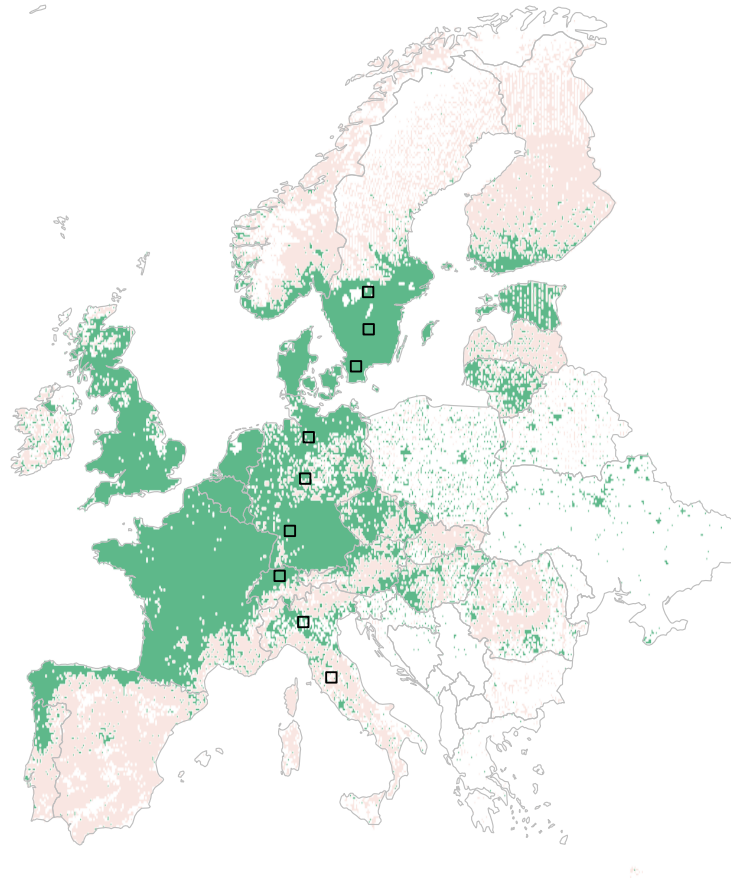


Figure 1: Species points: presence in green and absence in orange.

2. Simulation at European scale

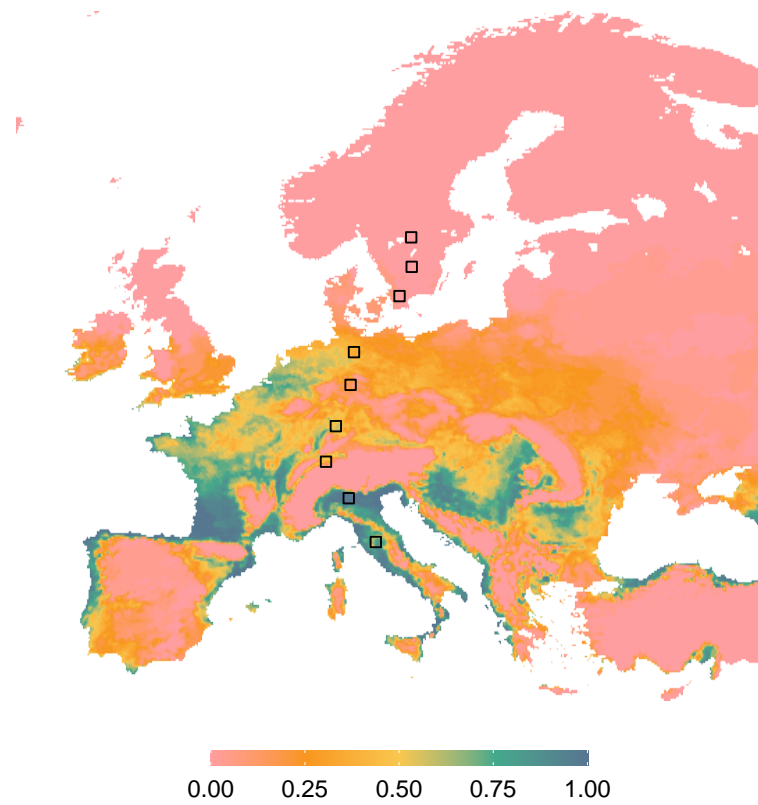


Figure 2: *Fitness map with forward parameter set*

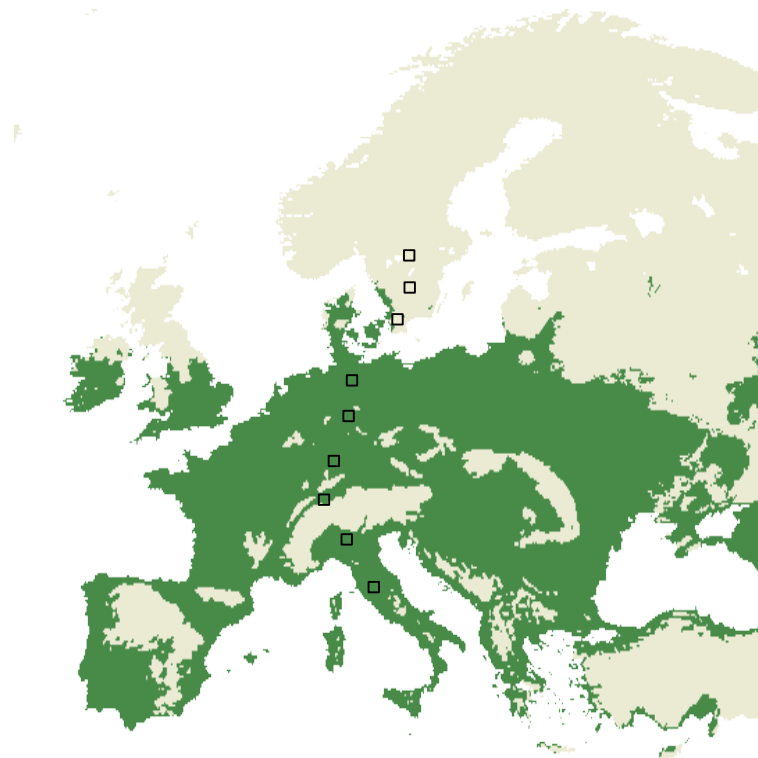


Figure 3: *Species presence map with forward parameter set. AUC threshold maximizing Youden index = 0.036.*