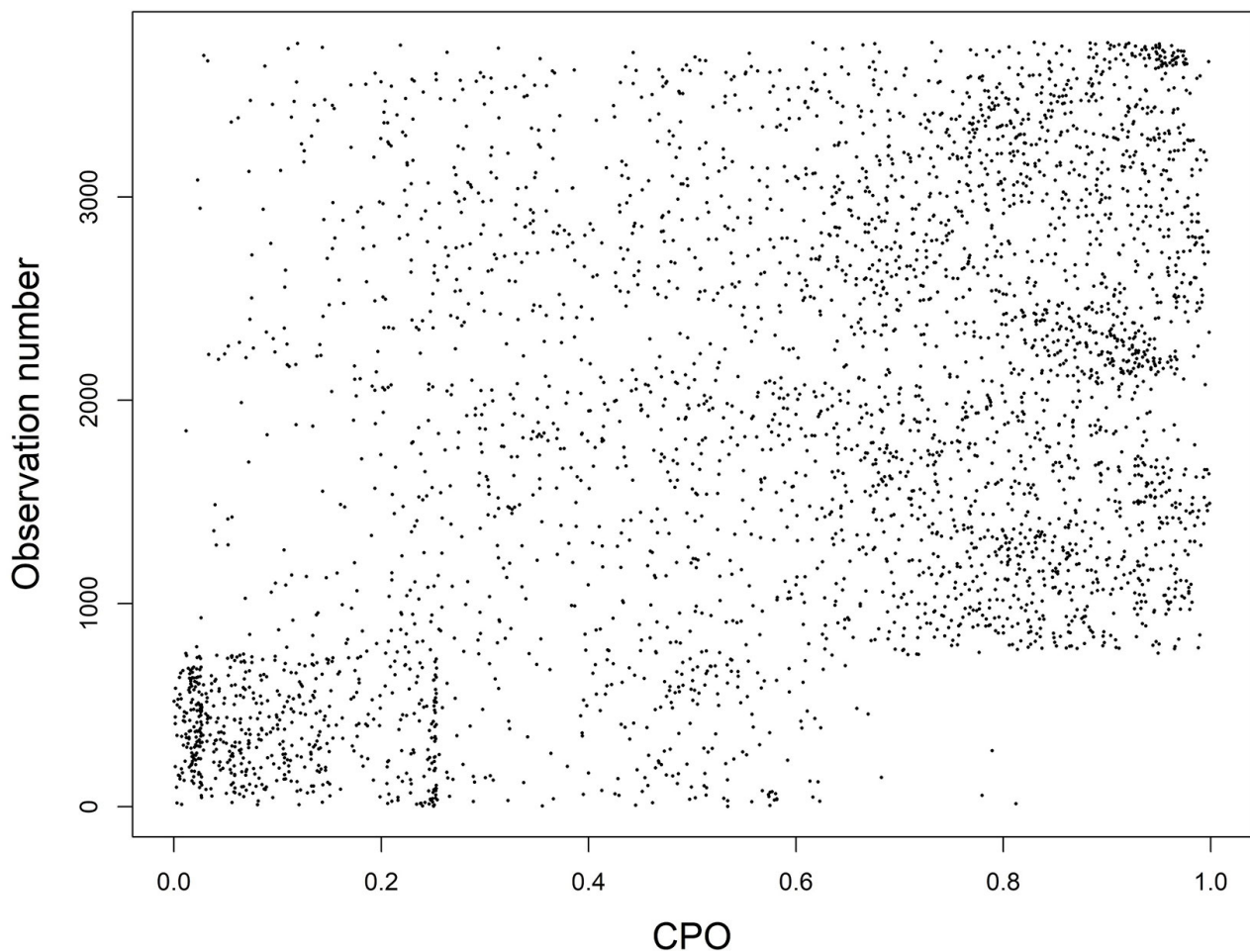


Supplementary Material

Fig. S1 - To quantify the predictive accuracy of the model, leave-one-out cross-validation served as another factor for model selection. It was defined as the posterior probability of an omitted observation, taking into account all other data for the model fit. High values indicate a good fit of the model to the observed data. CPO values are presented in dot plots and the mean log CPO value (LCPO) was calculated as a measure of summary of values. Lower values of LCPO indicate a better fit of the model. The mean logarithm CPO value is about 0.8344.



Tab. S1 - Presentation of the validation indicators for the different size classes.

Variable	Value
Model	B0
WAIC	3351
AUC	0.784
Sum LCPO	3139
mean LCPO	0.8344
RMSE	3,01
E	-0.1703