



Predictions (if desired)

Case 1: To make predictions of probability of eg a species' presence from the same dataset you used to fit the model, and these predictions should contain (be conditioned on) a random effect:
This is the default behavior of the predict function when applied to glmer fits: `predict(..., re.form = NULL)`. In this case the predictions would be specific to the specific random effect (e.g. experimental design, or data collection setup).

Case 2: If you have a model trained on one data set and you want to make predictions using another data set that has e.g. geographic locations (but cannot include the information on the previously used random effect). In this case, best to leave out the random effect i.e. average over them (marginal predictions): `predict(..., re.form = NA)` or `predict(..., re.form = ~ 0)` so only the fixed effect will be used.