

Electronic Supplementary Material 1

Following the brown mouse lemur example presented in the manuscript, we include a simulated occupancy dataset (detection-histories) and corresponding habitat covariates. To fit a model to this data, we considered a more realistic study that contained 60 sites, instead of the 8 sites used for illustrative purposes in the manuscript. We include a multi-model comparison and parameter estimates. We also include the project files from program PRESENCE that contain the two fitted models and their resulting parameter estimates.