

Table S2. Variables retained from the final modelling for each species.

Species	Reserved variables
<i>Cygnus columbianus</i>	bio1, bio5, bio8, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, DF, DEM
<i>Anser cygnoid</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, POP, DF, CD
<i>Anser fabalis</i>	bio1, bio5, bio8, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DF, DEM
<i>Anser albifrons</i>	bio1, bio5, bio10, bio13, bio14, bio15, bio16, bio17, bio18, bio19, DEM, HF, DF, CD
<i>Anser erythropus</i>	bio2, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, POP, DF, RD
<i>Anser anser</i>	bio1, bio5, bio8, bio13, bio14, bio15, bio16, bio17, bio18, bio19, POP, DF, RD, CD
<i>Tadorna ferruginea</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, DEM
<i>Tadorna tadorna</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DEM, RD
<i>Mareca penelope</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, RD
<i>Mareca falcata</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, POP, DF
<i>Mareca strepera</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DEM, CD
<i>Anas crecca</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, DF, DEM
<i>Anas platyrhynchos</i>	bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DEM, POP, DF
<i>Anas zonorhyncha</i>	bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, POP, DF
<i>Anas acuta</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DEM, RD
<i>Spatula clypeata</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, RD, HF, CD, DEM
<i>Aythya ferina</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DEM, RD
<i>Aythya baeri</i>	bio1, bio5, bio8, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, HF, DF
<i>Aythya fuligula</i>	bio1, bio5, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, POP, DF, DEM
<i>Mergus squamatus</i>	bio1, bio5, bio8, bio13, bio14, bio15, bio16, bio17, bio18, bio19, LU, DF, RD
<i>Mergus merganser</i>	bio1, bio5, bio10, bio13, bio14, bio15, bio16, bio17, bio18, bio19, DEM, HF, DF

bio1 – 19: 19 bioclimatic variables, DEM: digital elevation model, HF: human footprint, DF: distribution of farmland, POP: population data, CD: distance to countryside, RD: distance to road.