

Présentation - Modèles de distribution d'espèces

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Introduction

- ▶ But : ...
- ▶ Données
 - ▶ GBIF
 - ▶ eBird
- ▶ Méthodes
 - ▶ BIOCLIM
 - ▶ Random Forests

Données brutes - 1 espèce, beaucoup d'observations

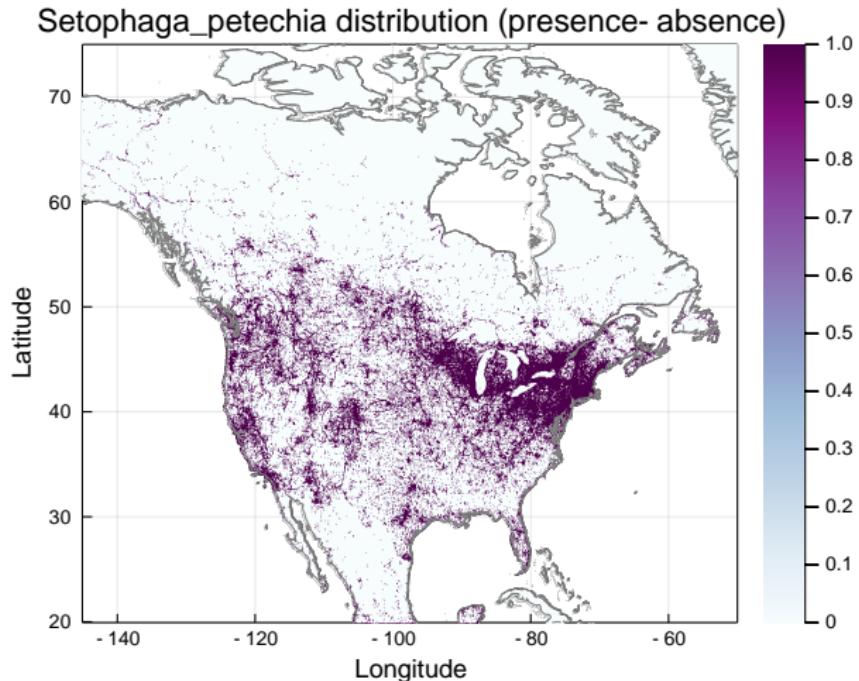


Figure: Distribution des observations de la Paruline jaune (présence-absence)

Données brutes - 1 espèce, moins d'observations

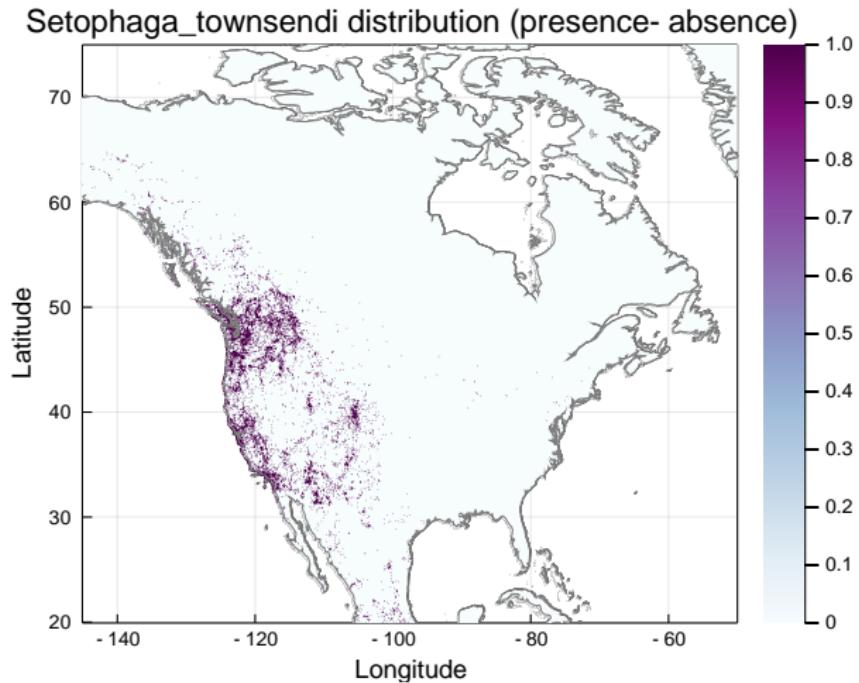
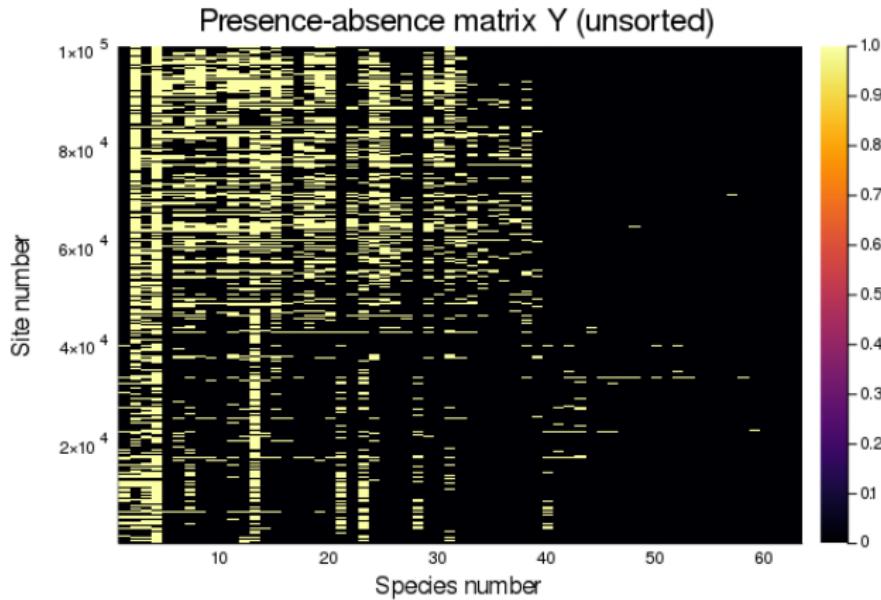
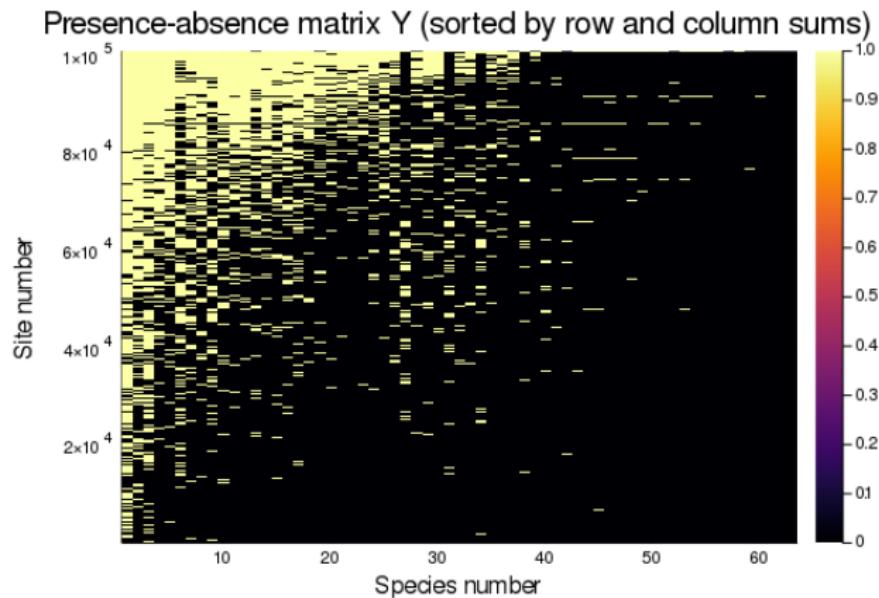


Figure: Distribution des observations de la Paruline de Townsend
(présence-absence)

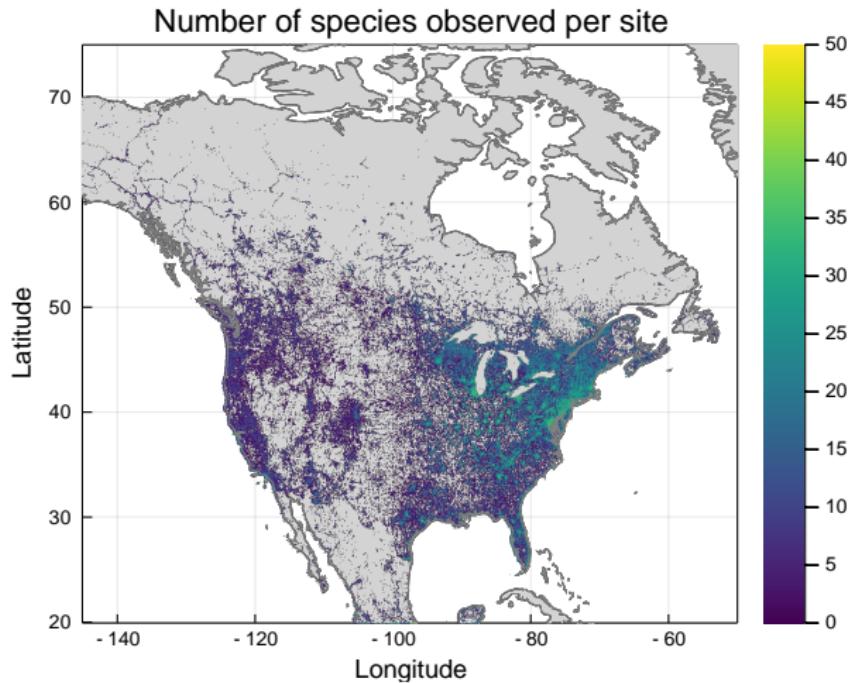
Données brutes - Matrice Y (non triée)



Données brutes - Matrice Y (triée par richesse, puis fréquence)

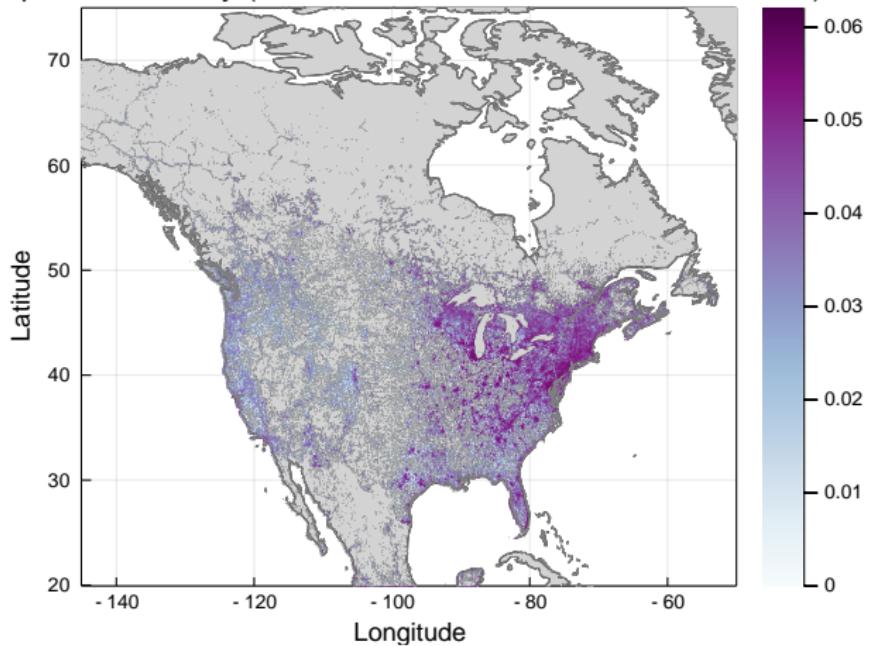


Données brutes- Richesse spécifique (nombre d'espèces)



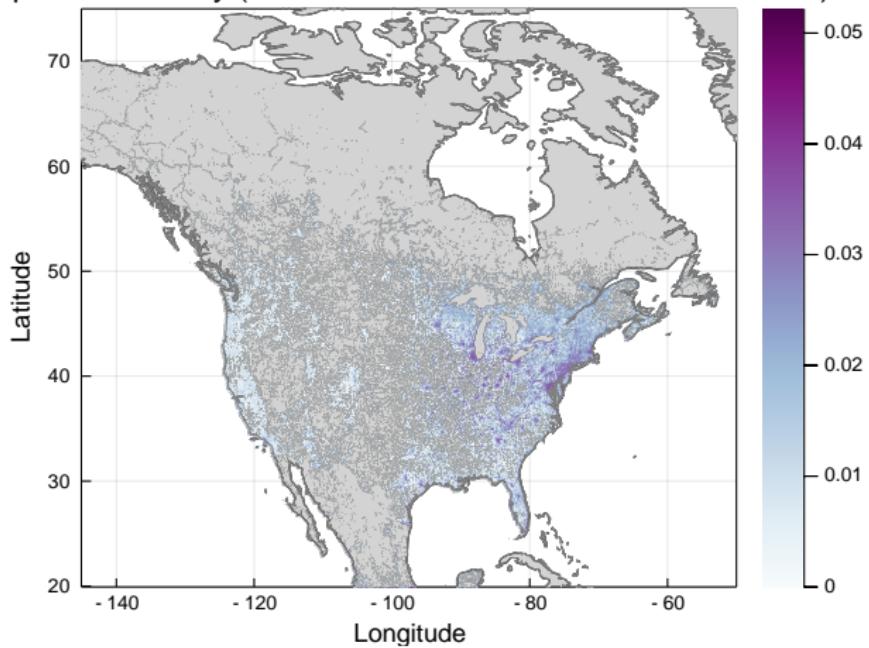
Données brutes - Diversité spécifique

Species diversity (Pielou's evenness index - Site richness)



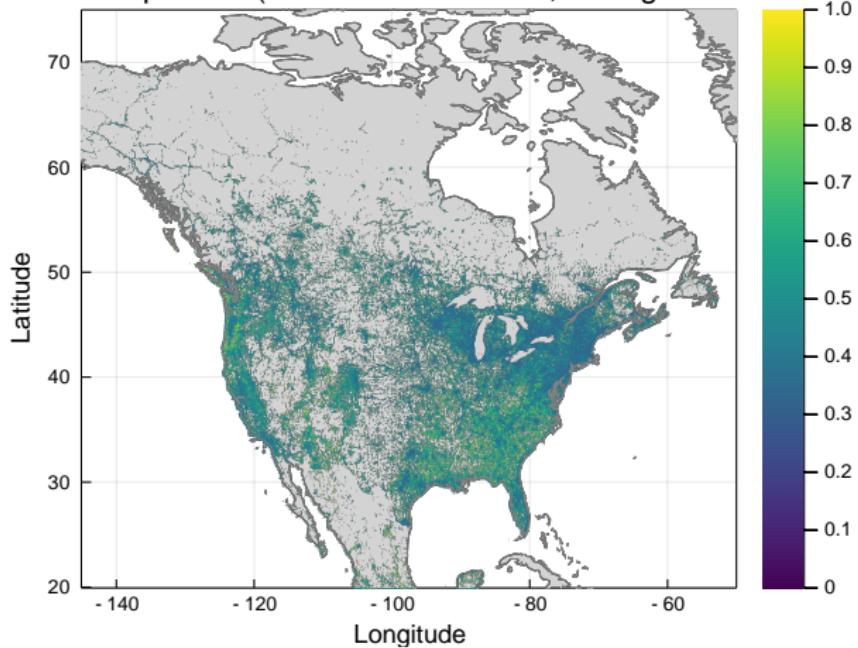
Données brutes - Diversité spécifique

Species diversity (Pielou's evenness index - Total richness)

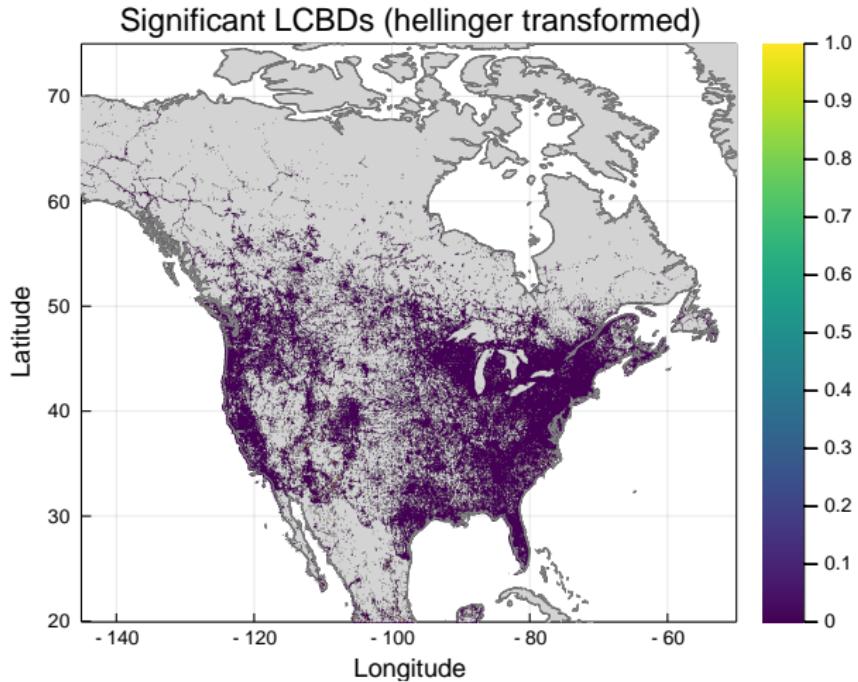


Données brutes- LCBD

LCBD values per site (relative to maximum, hellinger transformed)

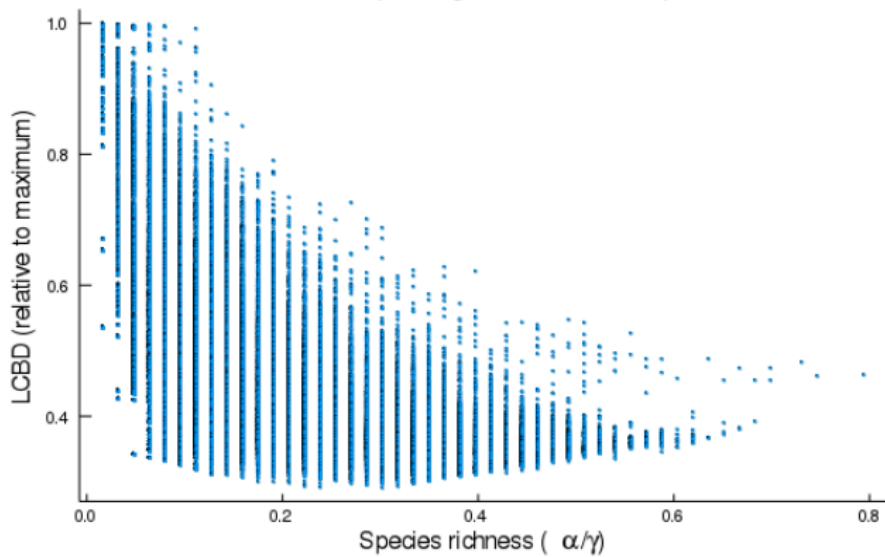


Données brutes - LCBD significatives



Données brutes - Relation LCBD-richesse

Relationship between LCBD (hellinger transformed) and species richness



SDM - 1 espèce, beaucoup d'observations

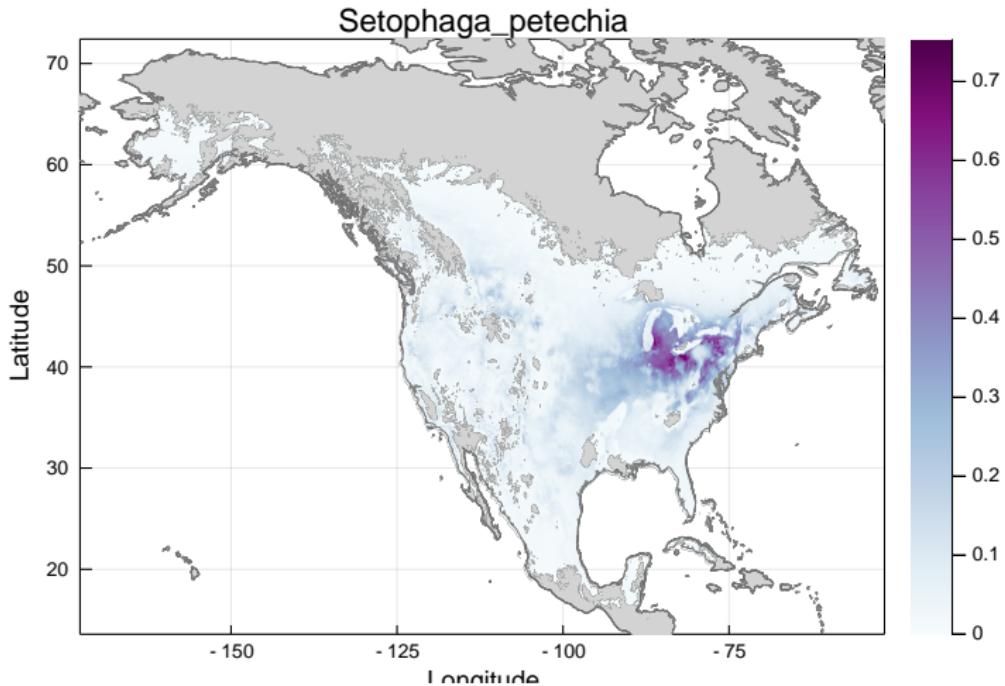


Figure: Sortie du SDM pour la Paruline jaune

SDM - 1 espèce, moins d'observations

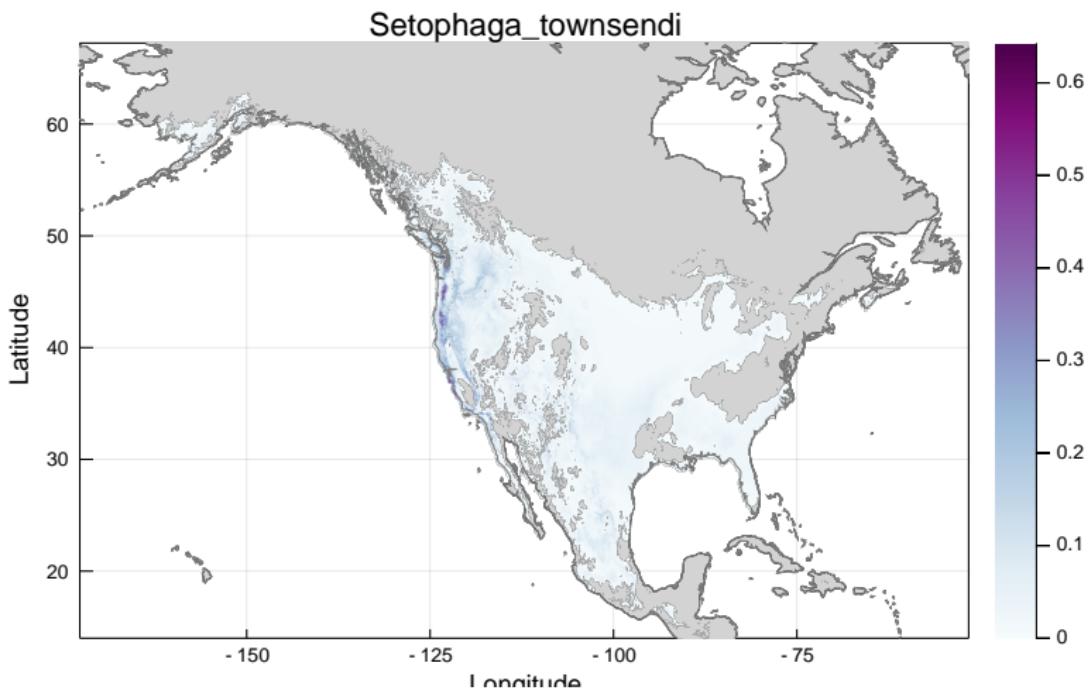
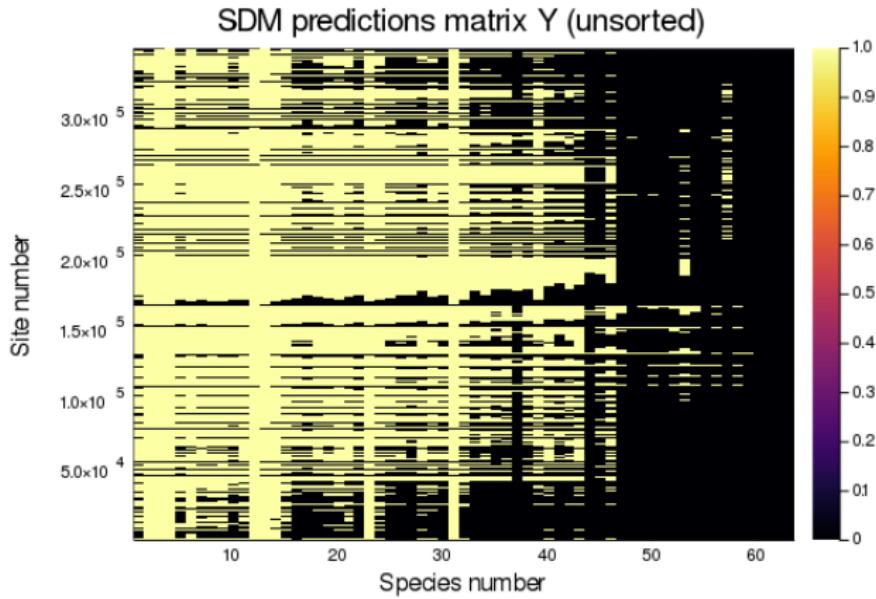
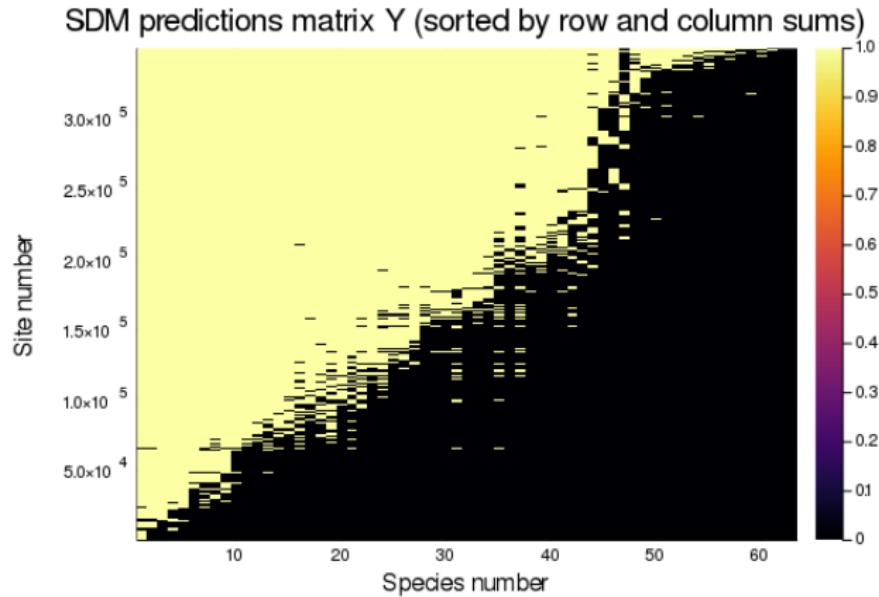


Figure: Sortie du SDM pour la Paruline de Townsend

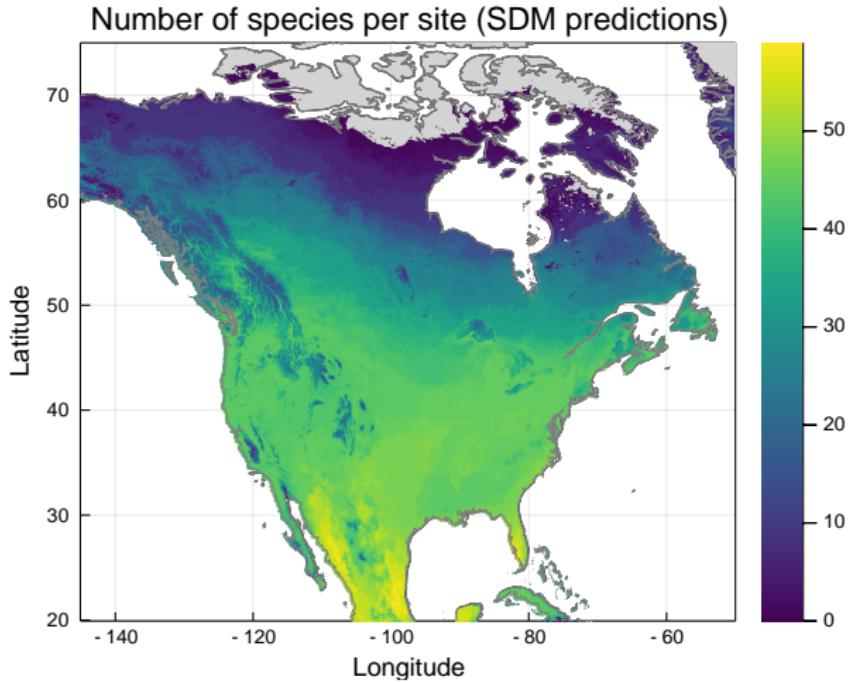
SDM - Matrice Y (non triée)



SDM - Matrice Y (triée par richesse, puis fréquence)

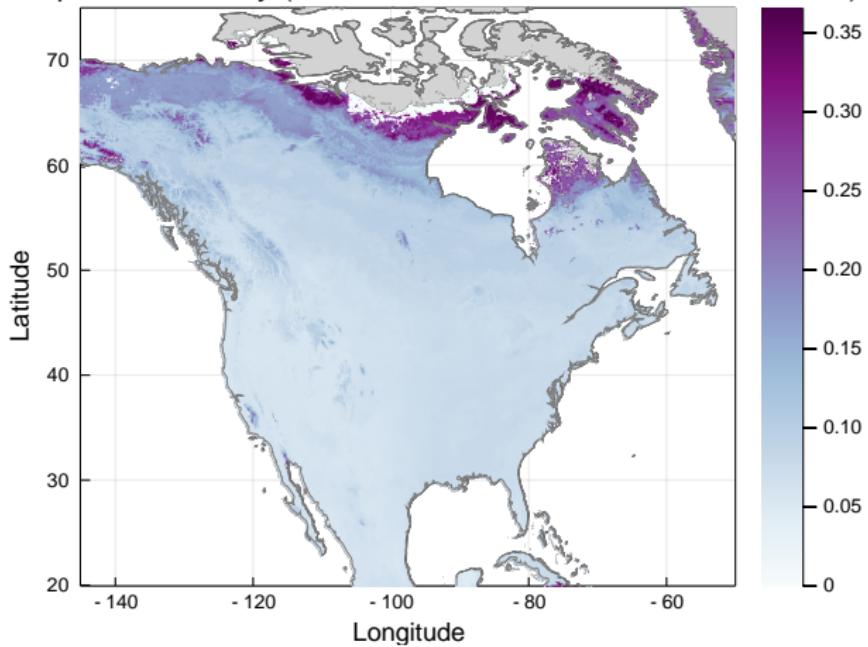


SDM- Richesse spécifique (nombre d'espèces)



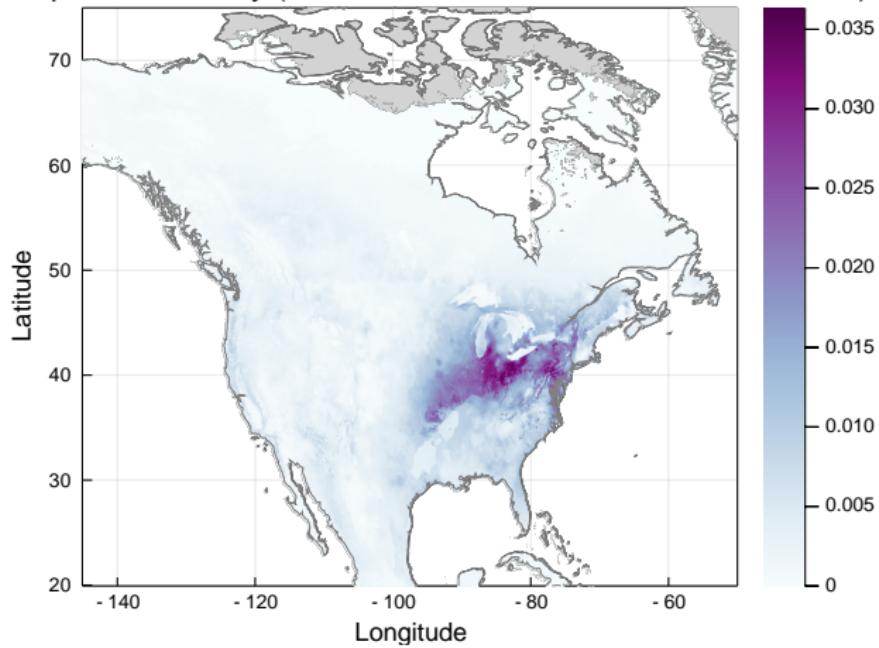
SDM - Diversité spécifique

SDM species diversity (Pielou's evenness index - Site richness)



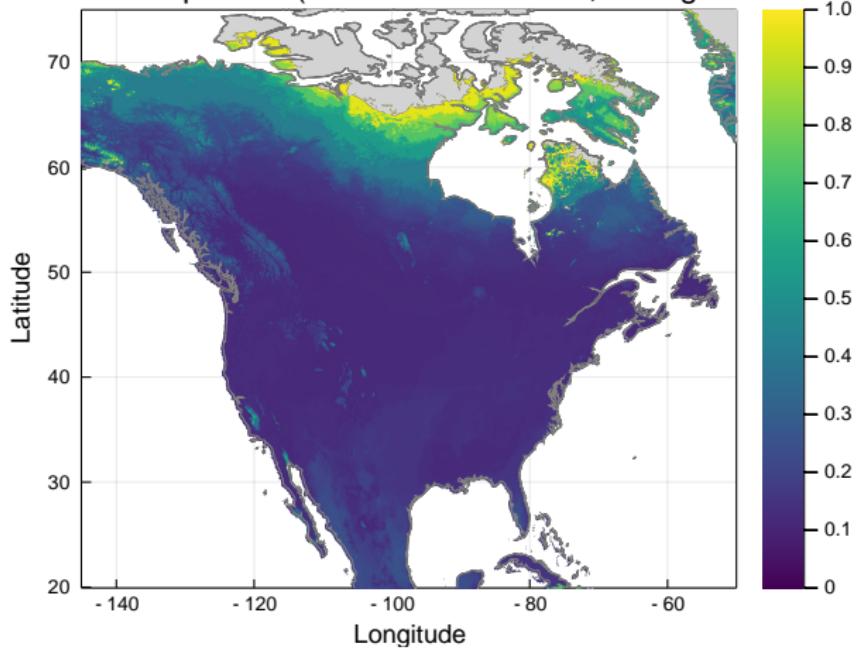
SDM - Diversité spécifique

SDM species diversity (Pielou's evenness index - Total richness)

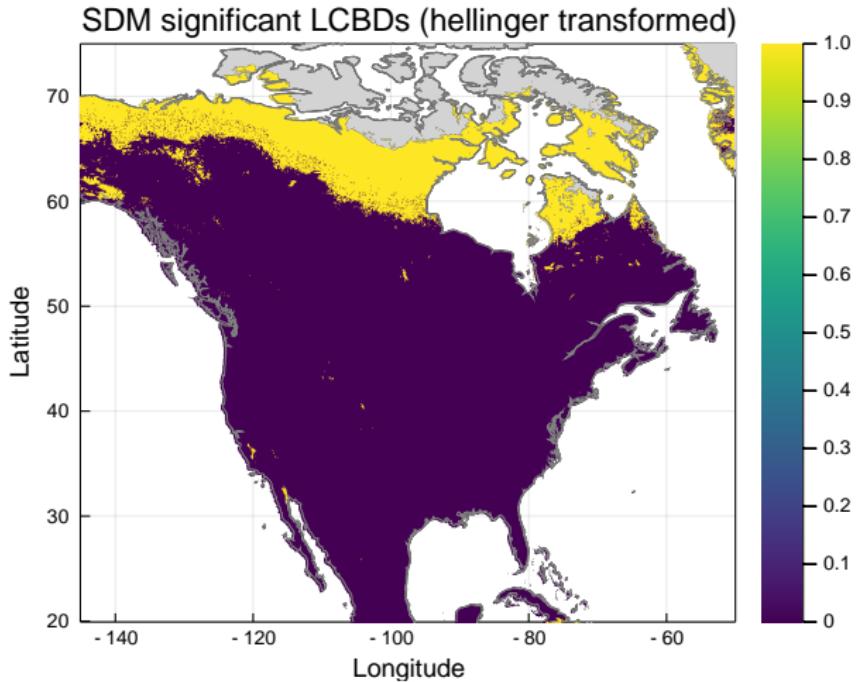


SDM - LCBD

SDM LCBD values per site (relative to maximum, hellinger transformed)



SDM - LCBD significatives



SDM - Relation LCBD-richesse

Relationship between LCBD (hellinger transformed) and species richness

