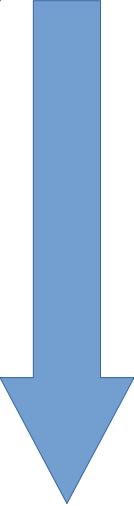


# Movimentos migratórios de aves no Brasil identificados através de Ciência Cidadã

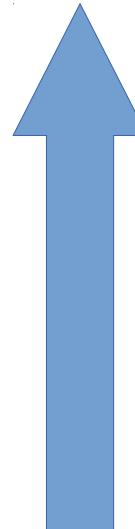


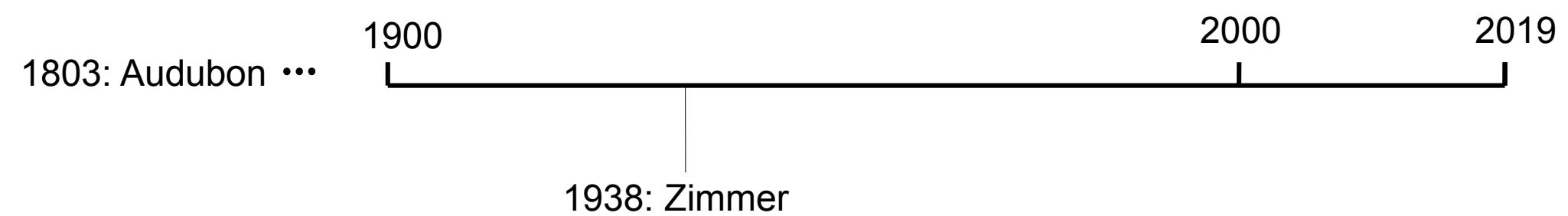
Pedro Martins  
Luiza Figueira

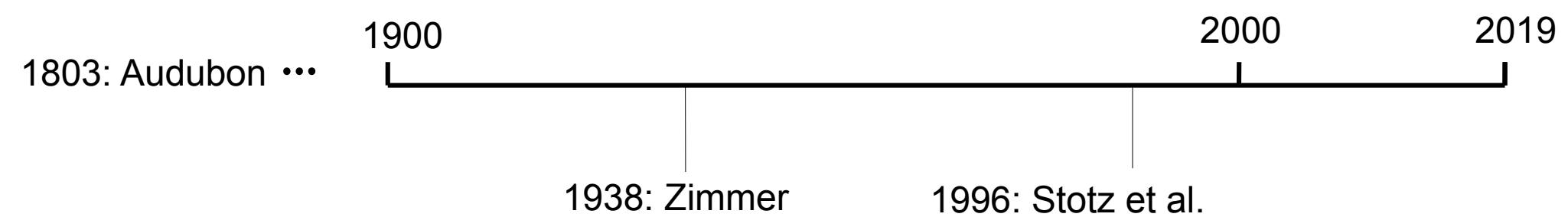
# Boreal

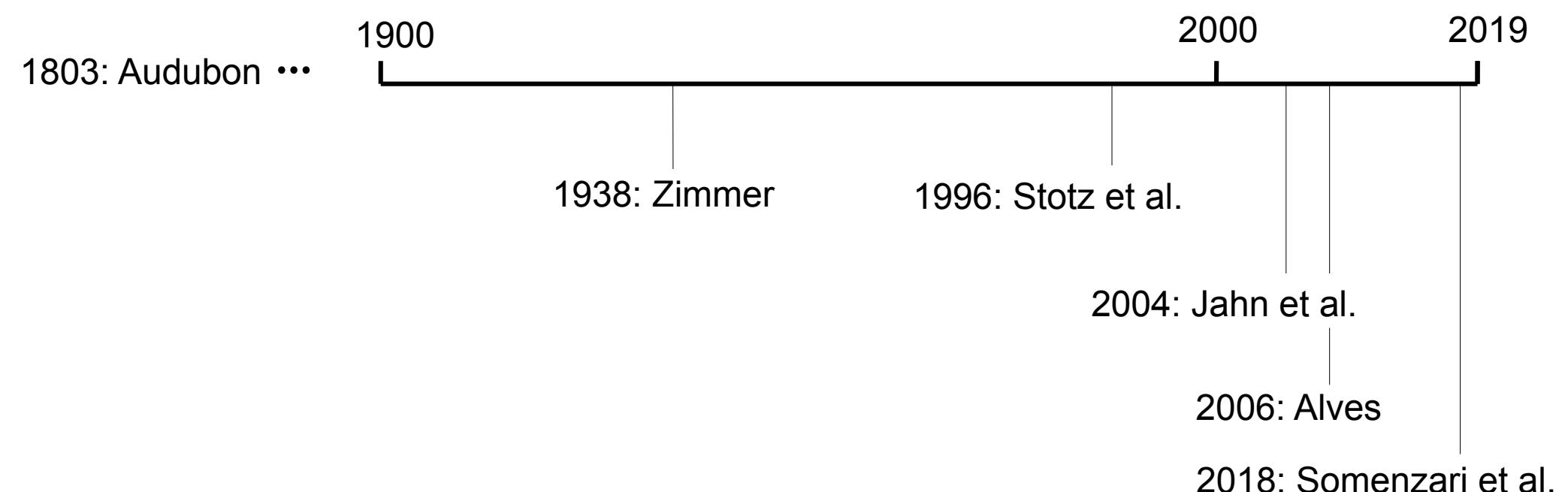


# Austral







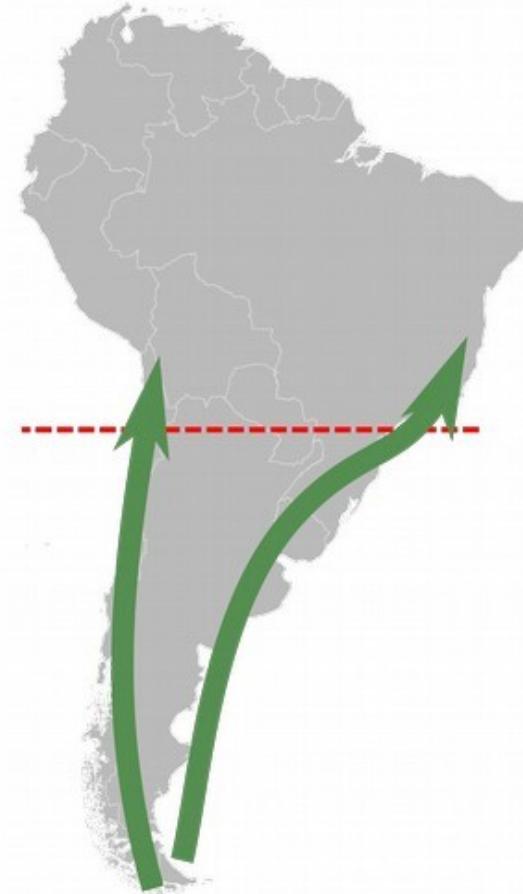


“Migração austral precisa de mais estudos”

Somenzari et al 2018



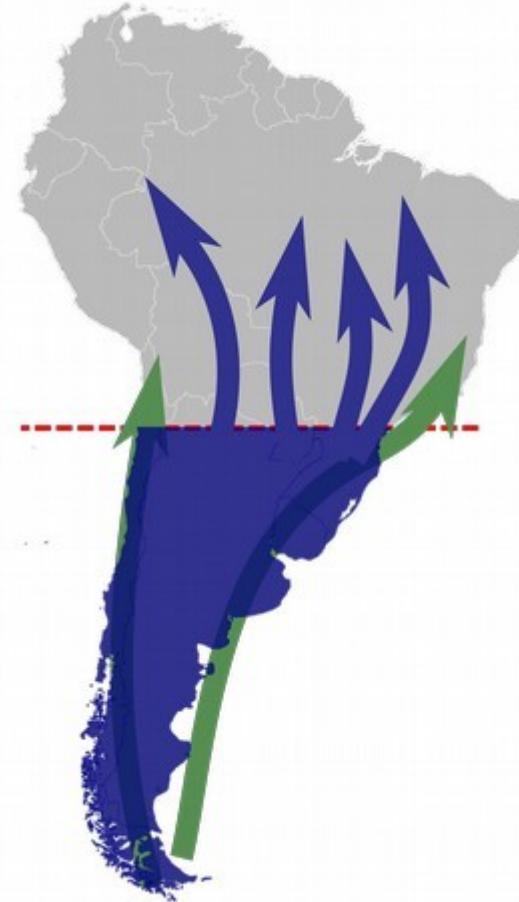
*Charadrius modestus*



Somenzari et al 2018  
Jahn et al 2006



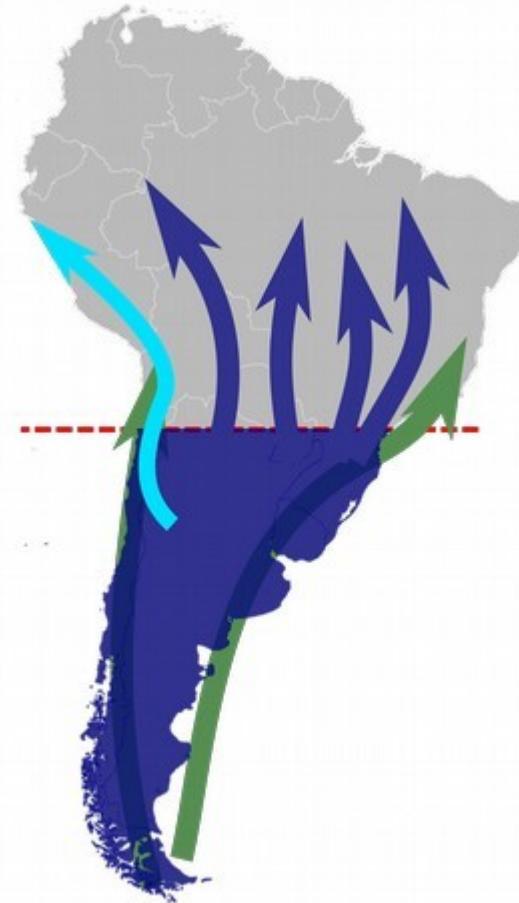
*Tyrannus savana*



Somenzari et al 2018  
Jahn et al 2006  
Hidalgo et al 2018



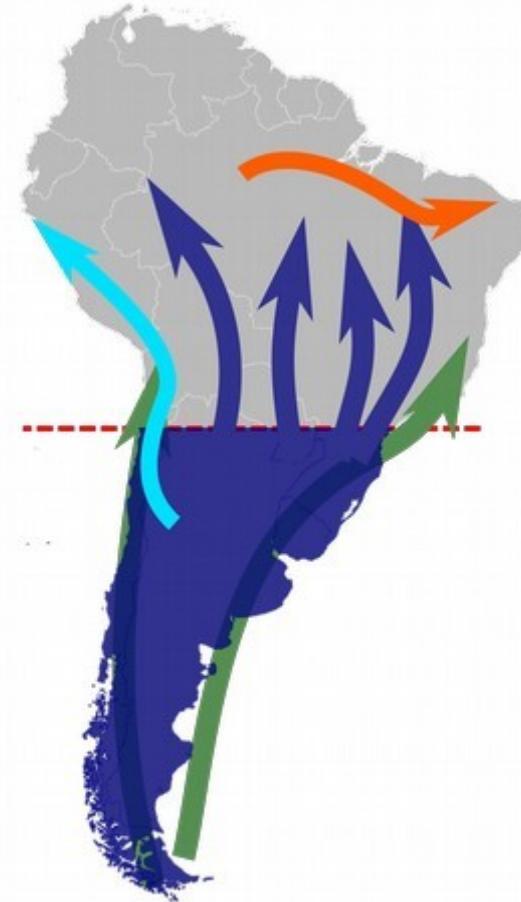
*Buteo albogularis*



Somenzari et al 2018  
Jahn et al 2006  
Hidalgo et al 2018  
**Stutchbury et al 2016**



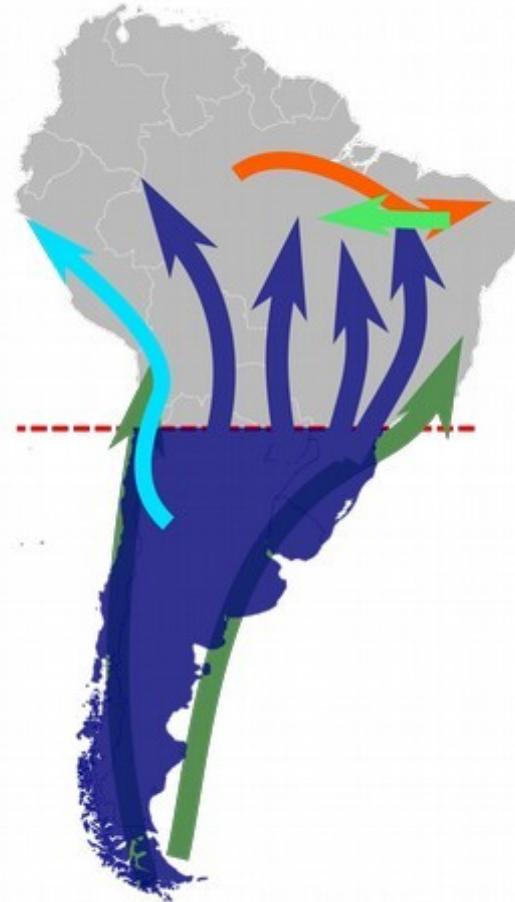
*Progne subis*



Somenzari et al 2018  
Jahn et al 2006  
Hidalgo et al 2018  
Stutchbury et al 2016  
Lees 2016



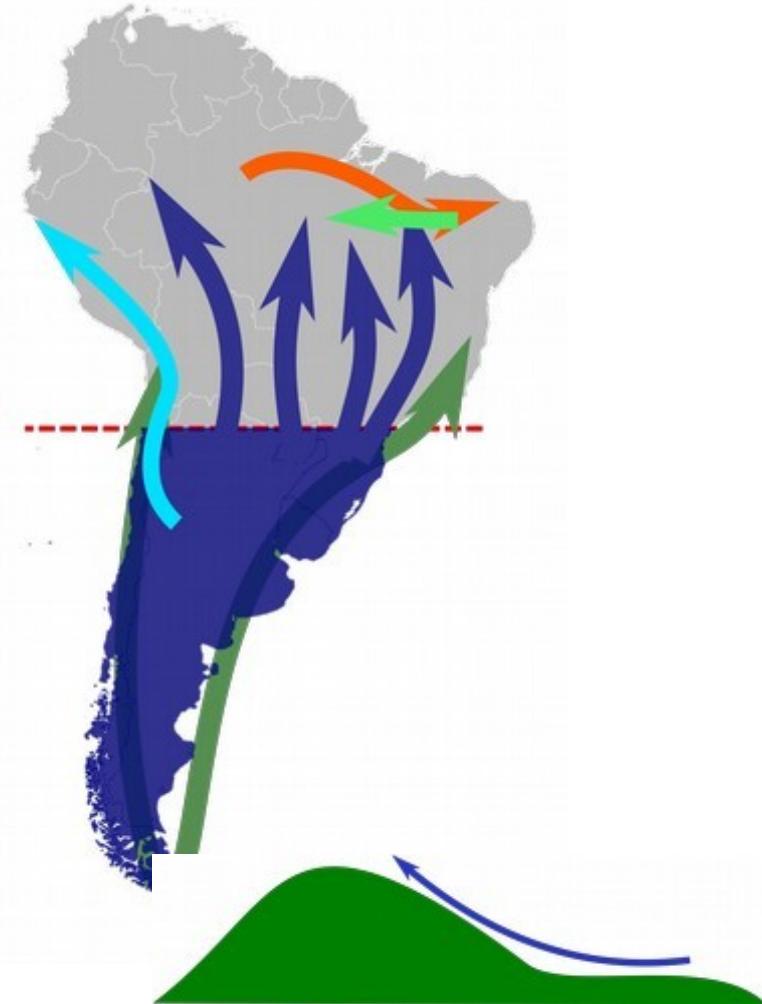
*Casiornis fuscus*



Somenzari et al 2018  
Jahn et al 2006  
Hidalgo et al 2018  
Stutchbury et al 2016  
Lees 2016  
**Barçante et al 2017**



*Piranga flava*











# eBird

eBird



36.854.892

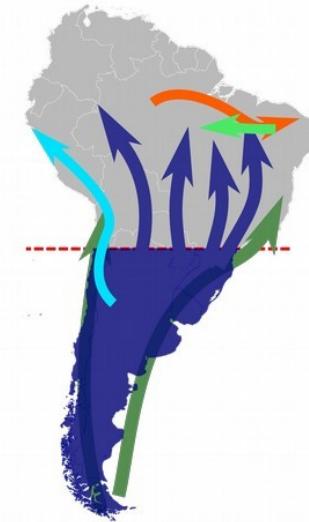
The Cornell Lab of Ornithology



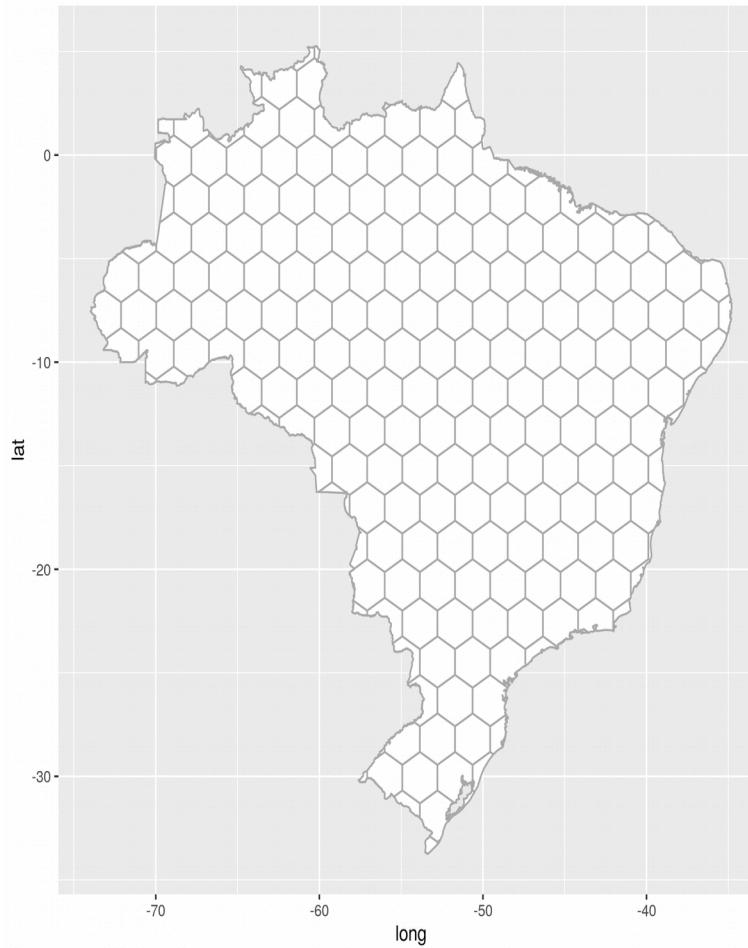
139.891

# Utilizar dados do eBird para preencher lacunas do conhecimento sobre movimentação de aves no Brasil

eBird

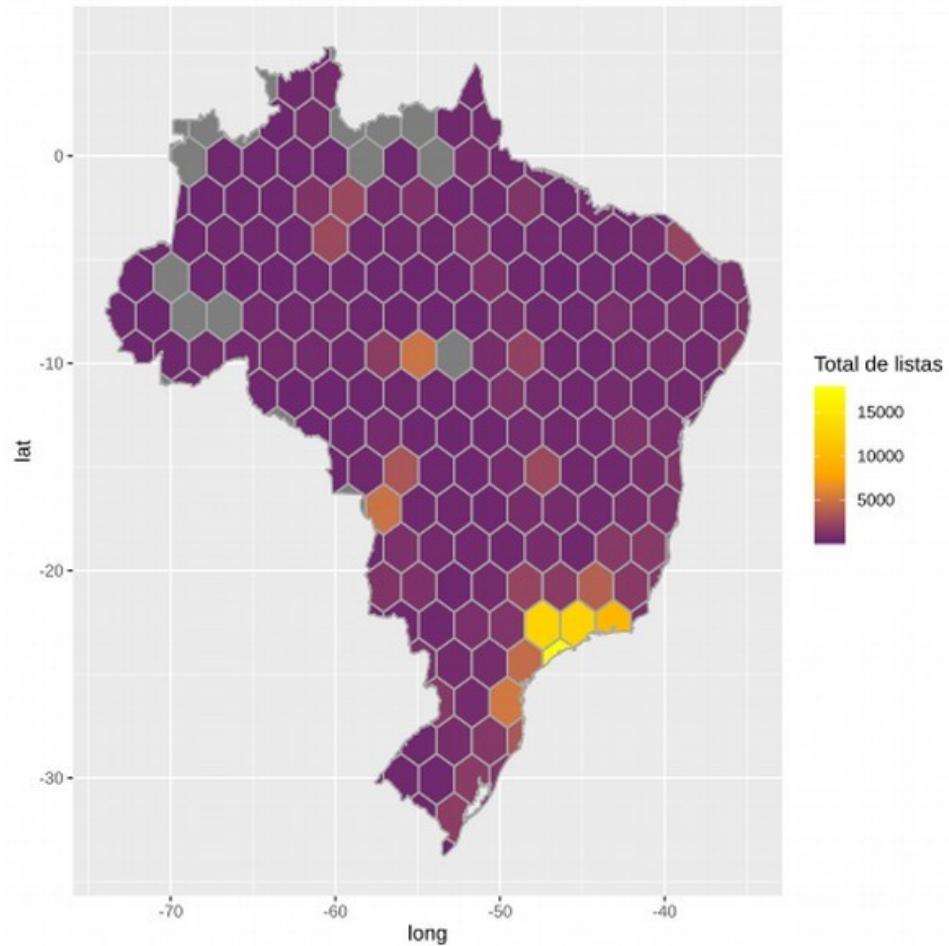


## Definir áreas amostrais



Definir áreas amostrais

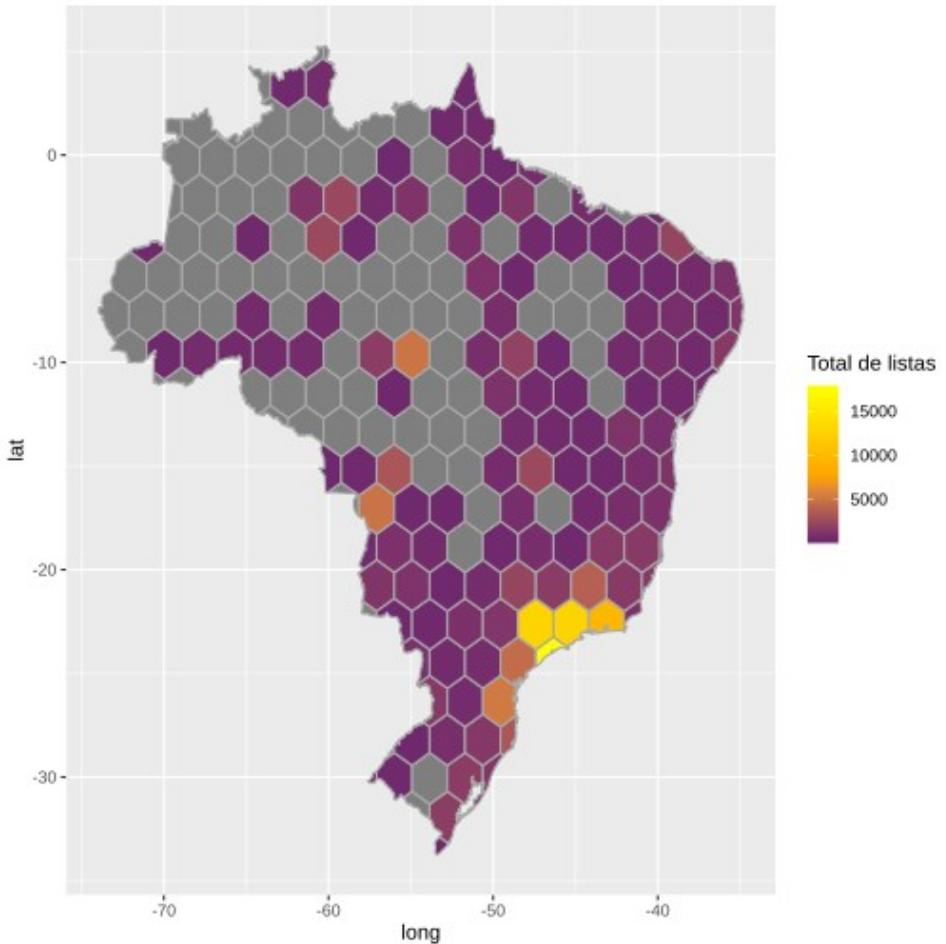
Número de listas por área



Definir áreas amostrais

Número de listas por área

Distribuição sazonal das listas

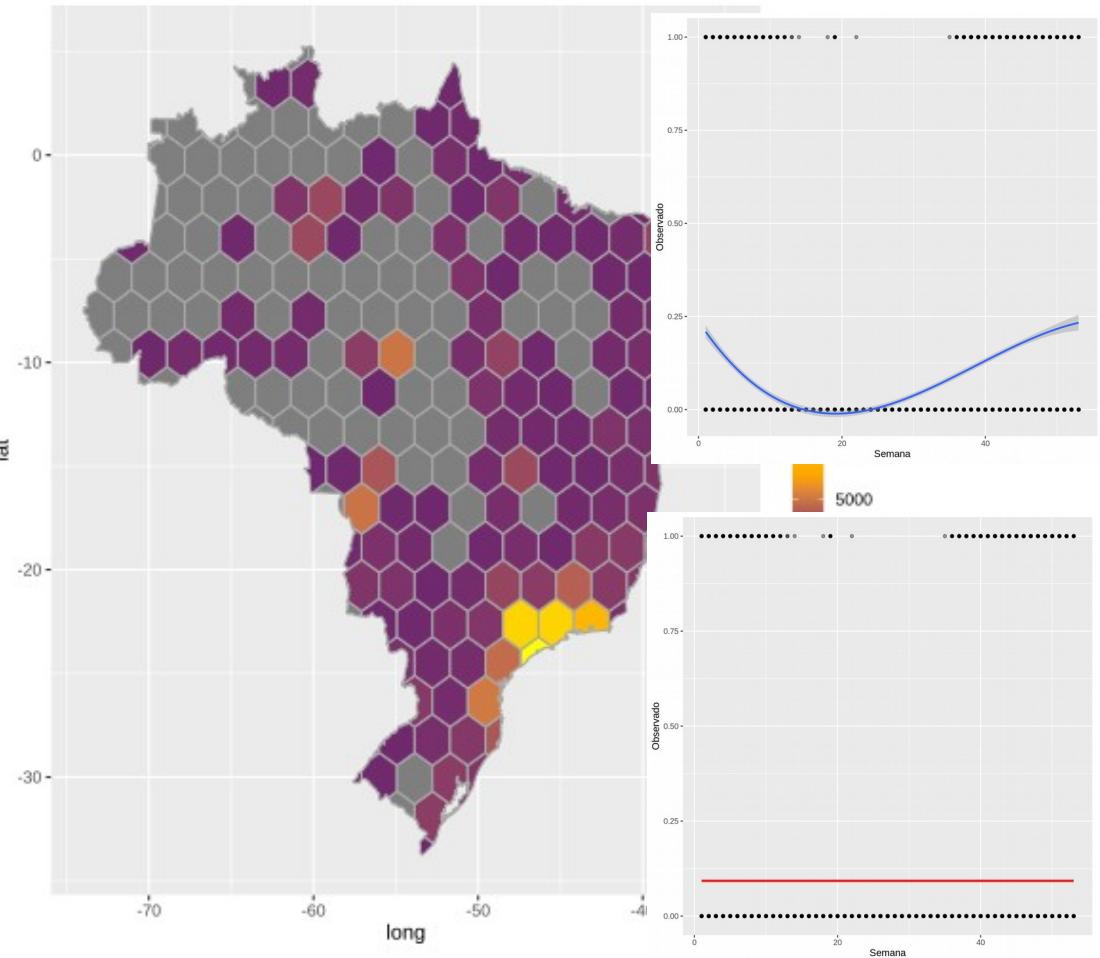


Definir áreas amostrais

Número de listas por área

Distribuição sazonal das listas

Análise de presença/ausência

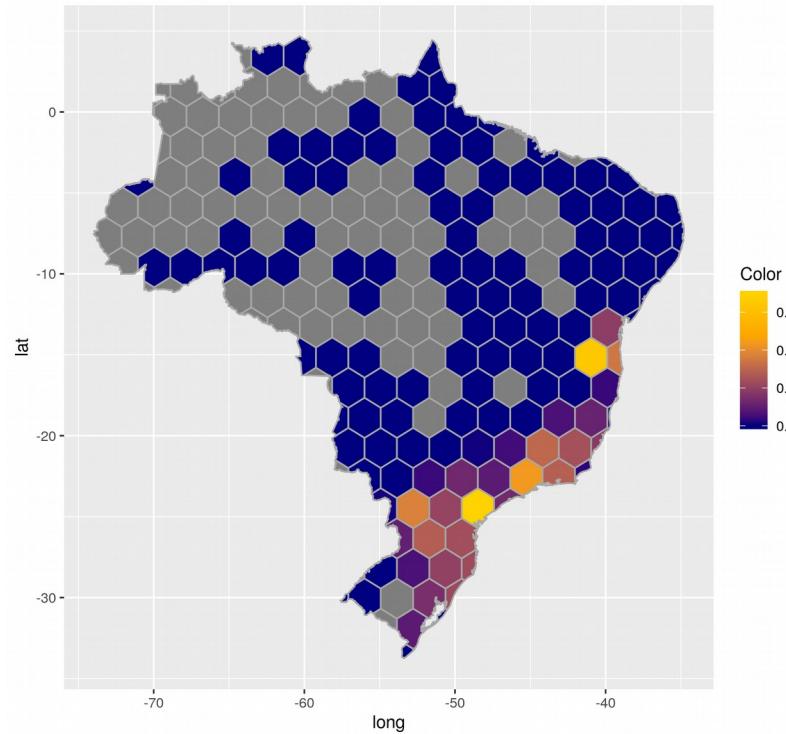




# *Chiroxiphia caudata*

Somenzari et al 2018: NC

Setembro - Semana: 37

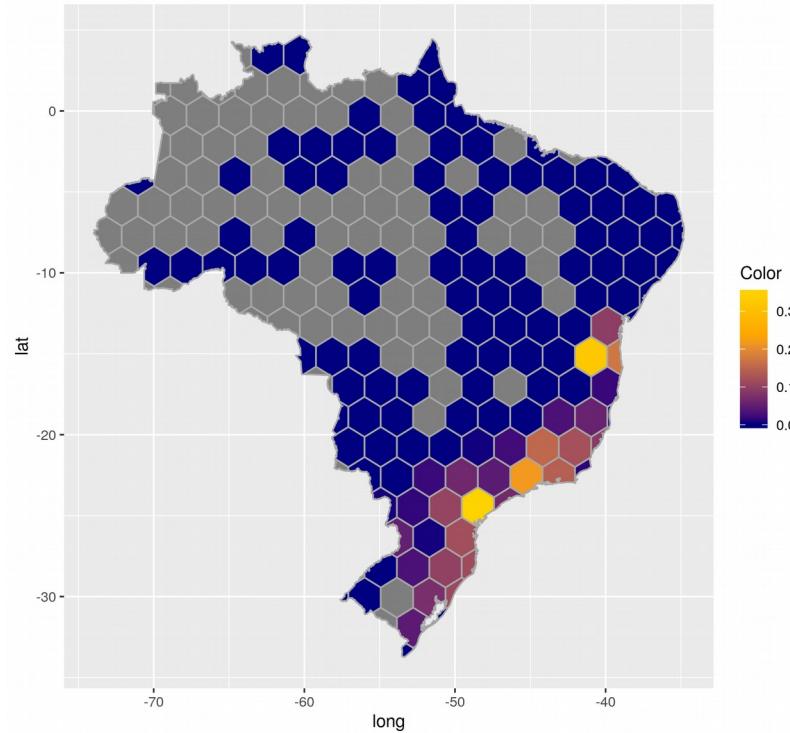




# *Chiroxiphia caudata*

Somenzari et al 2018: NC

Janeiro - Semana: 3

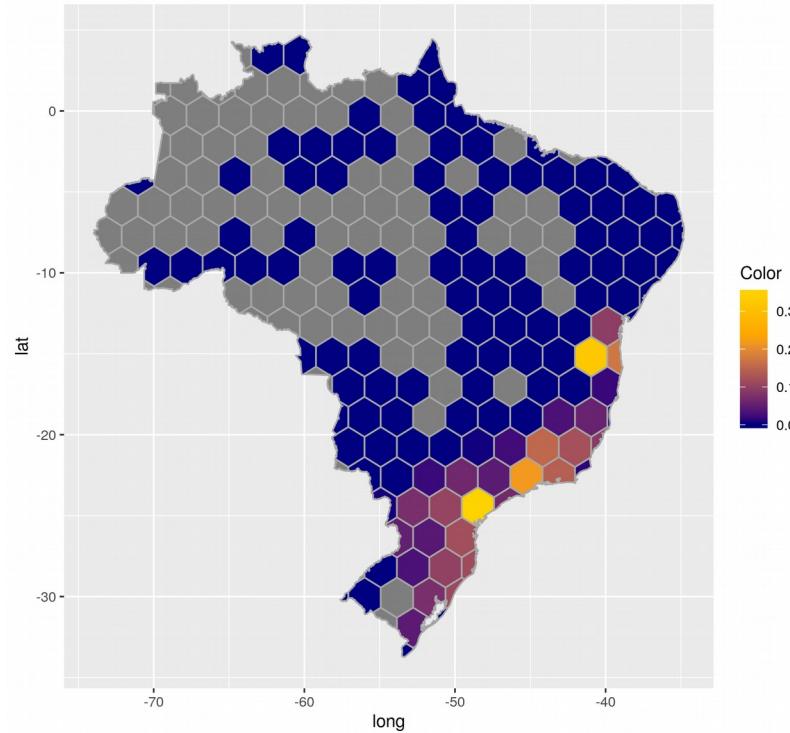




# *Chiroxiphia caudata*

Somenzari et al 2018: NC

Junho - Semana: 23

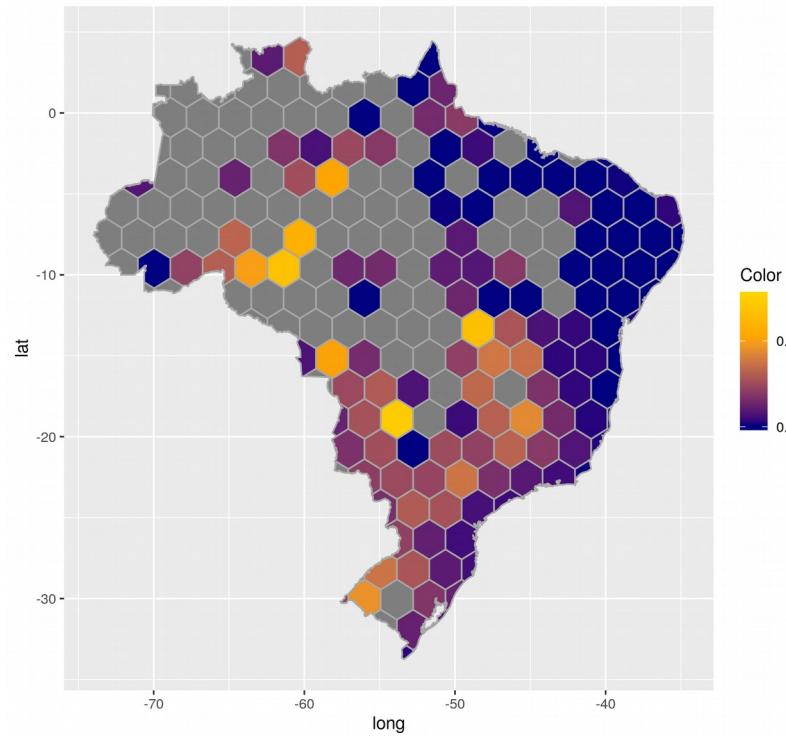




# *Tyrannus savana*

Somenzari et al 2018: MIG

Setembro - Semana: 37

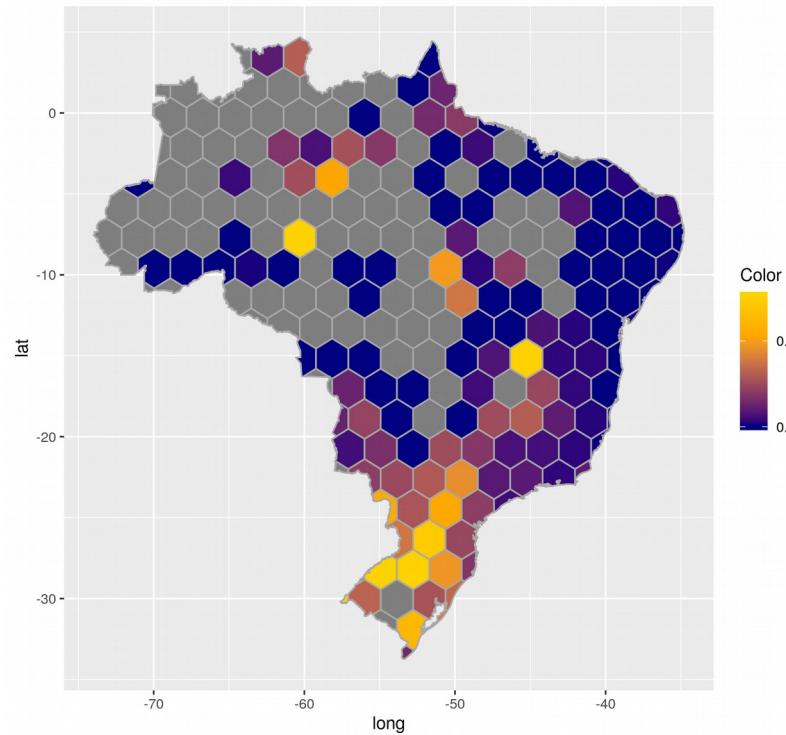




# *Tyrannus savana*

Somenzari et al 2018: MIG

Janeiro - Semana: 3

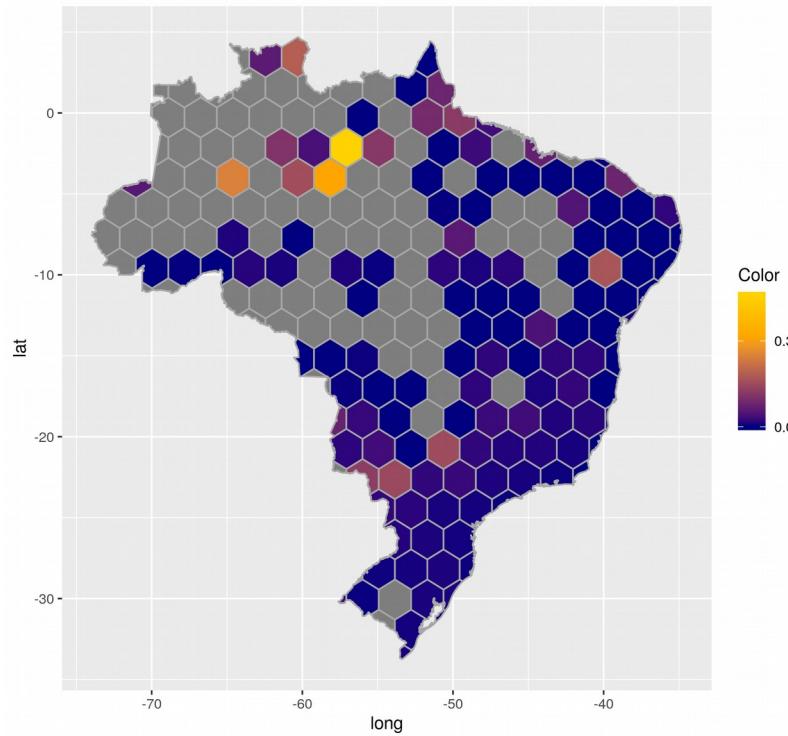




# *Tyrannus savana*

Somenzari et al 2018: MIG

Junho - Semana: 23

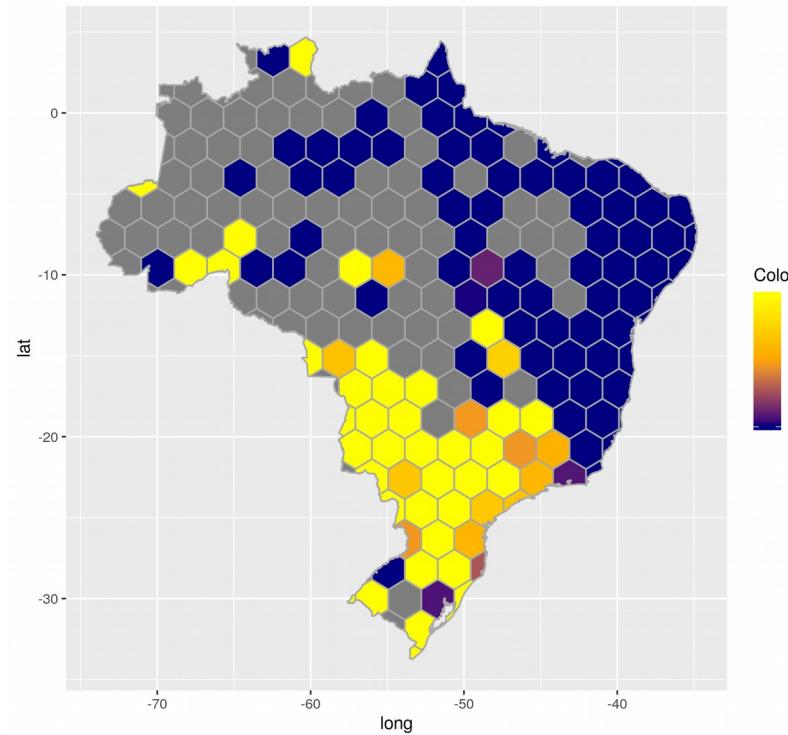




# *Pyrocephalus rubinus*

Somenzari et al 2018: MIG

Setembro - Semana: 37

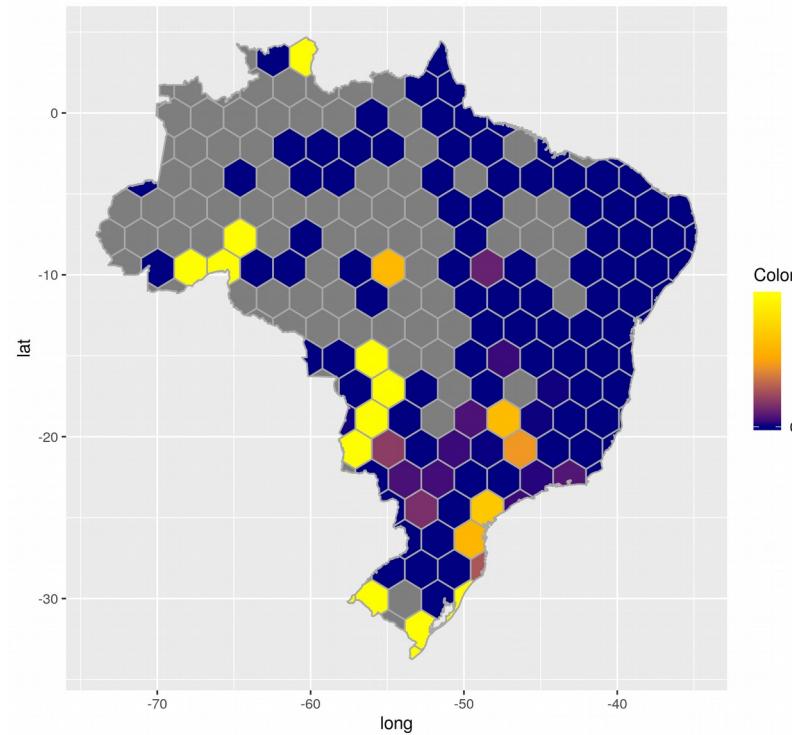




# *Pyrocephalus rubinus*

Somenzari et al 2018: MIG

Janeiro - Semana: 3

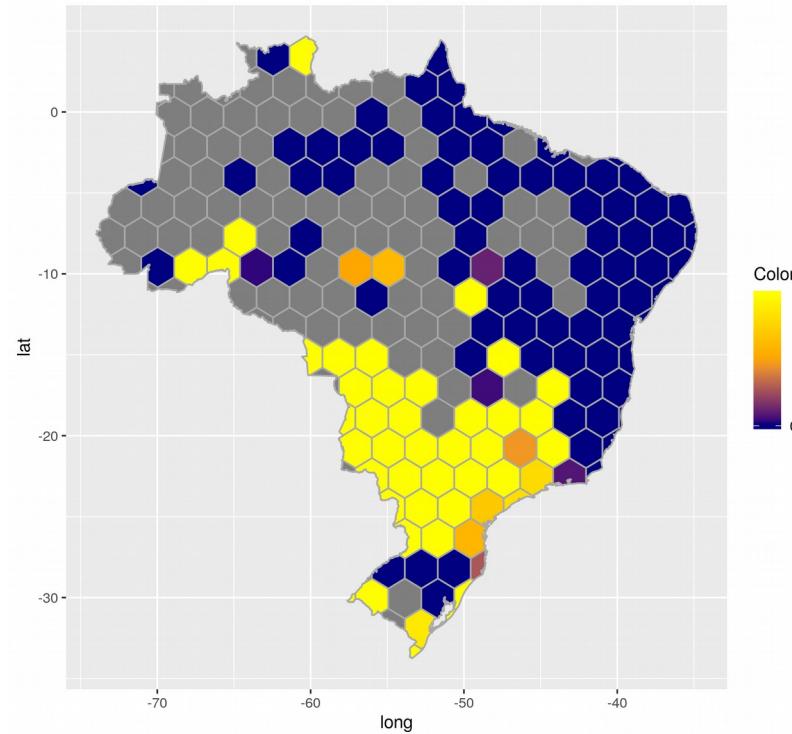




# *Pyrocephalus rubinus*

Somenzari et al 2018: MIG

Junho - Semana: 23

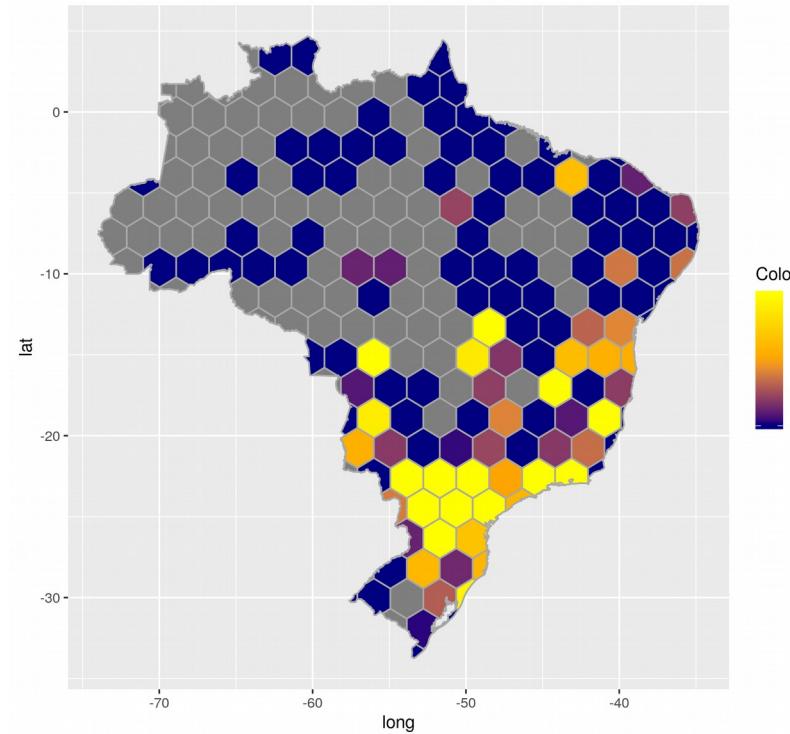




# *Pachyramphus validus*

Somenzari et al 2018: PRT

Setembro - Semana: 37

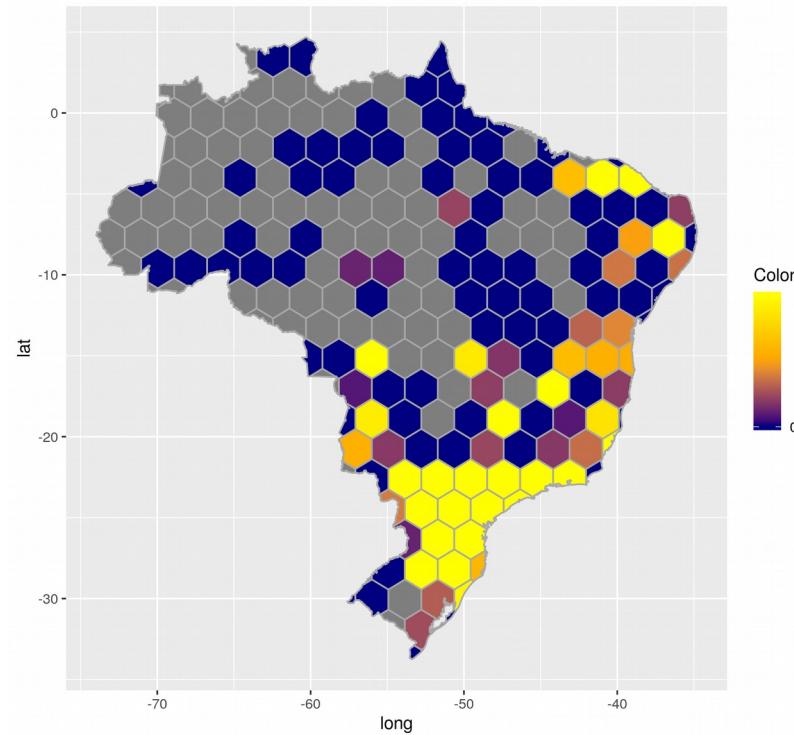




# *Pachyramphus validus*

Somenzari et al 2018: PRT

Janeiro - Semana: 3

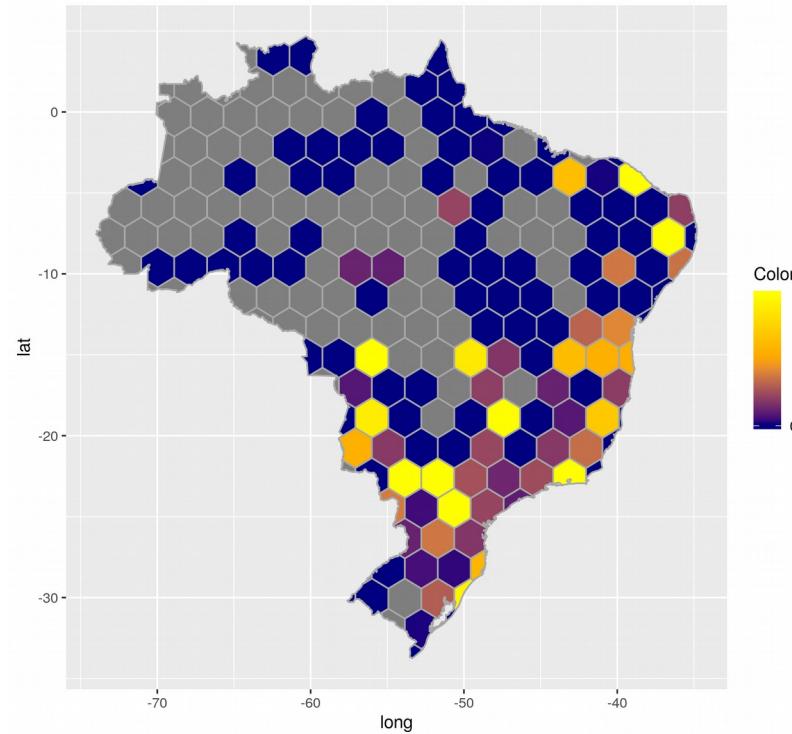




# *Pachyramphus validus*

Somenzari et al 2018: PRT

Junho - Semana: 23

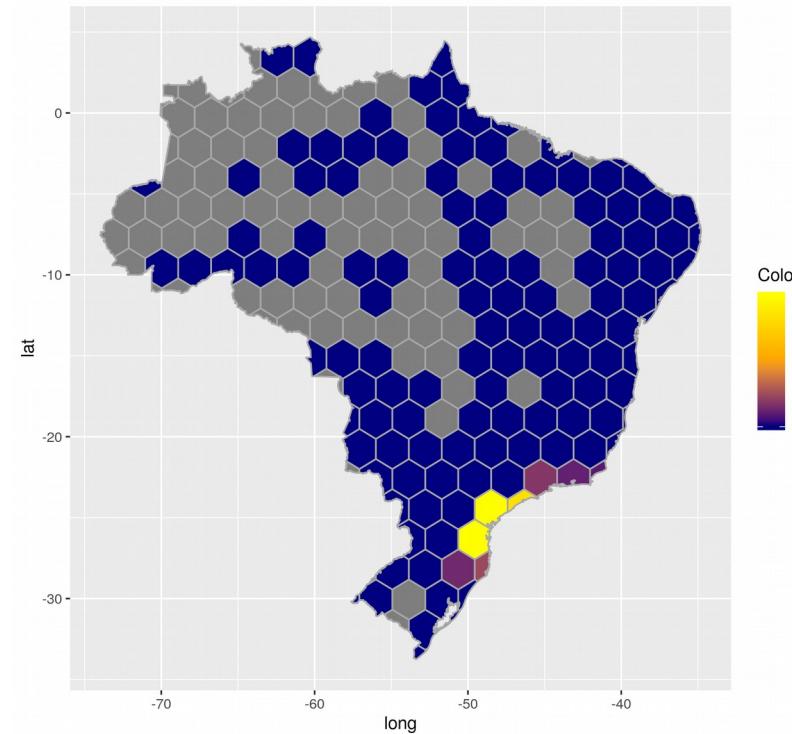




# *Tangara peruviana*

Somenzari et al 2018: PRT

Setembro - Semana: 37

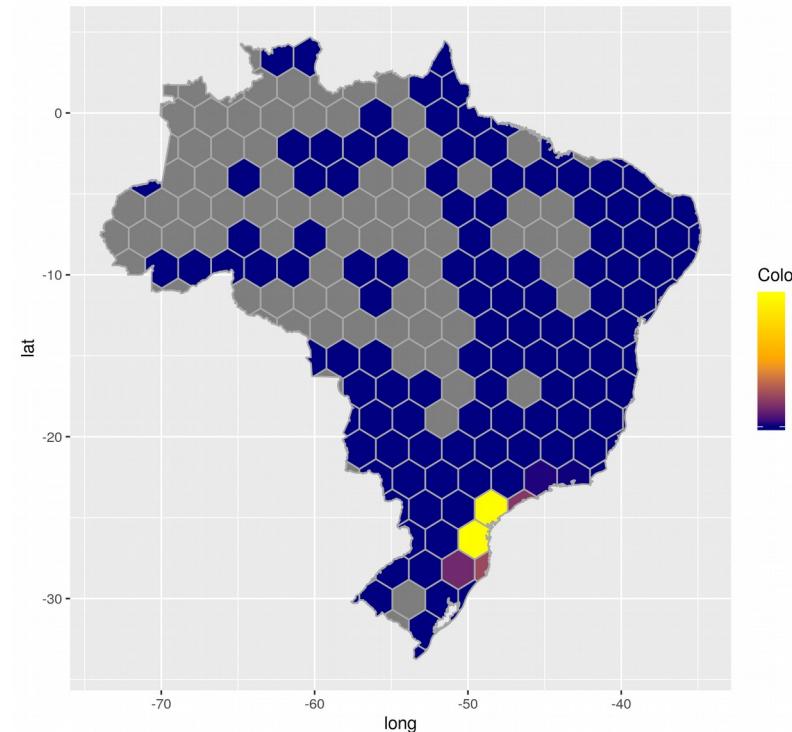




# *Tangara peruviana*

Somenzari et al 2018: PRT

Janeiro - Semana: 3

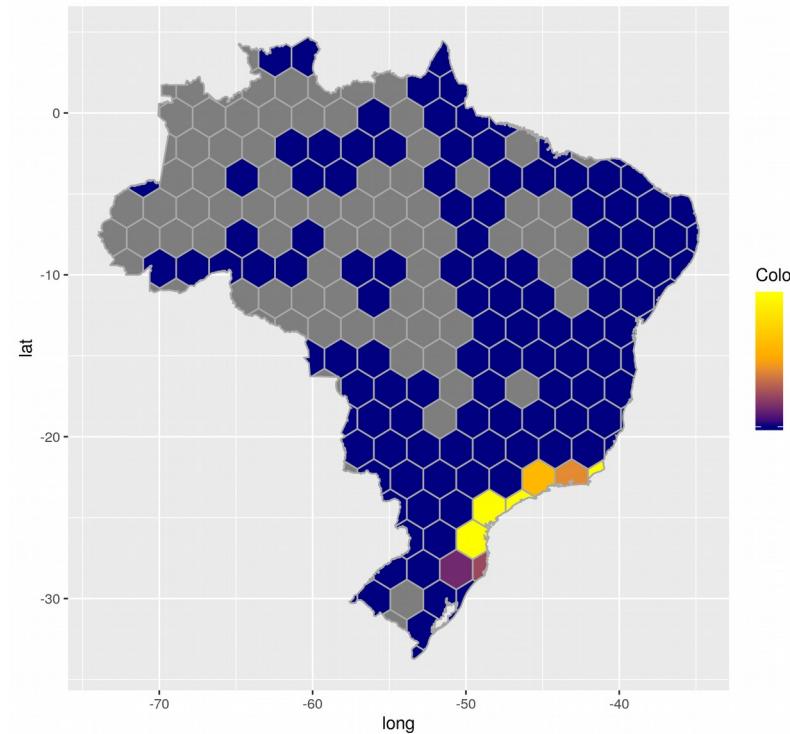




# *Tangara peruviana*

Somenzari et al 2018: PRT

Junho - Semana: 23

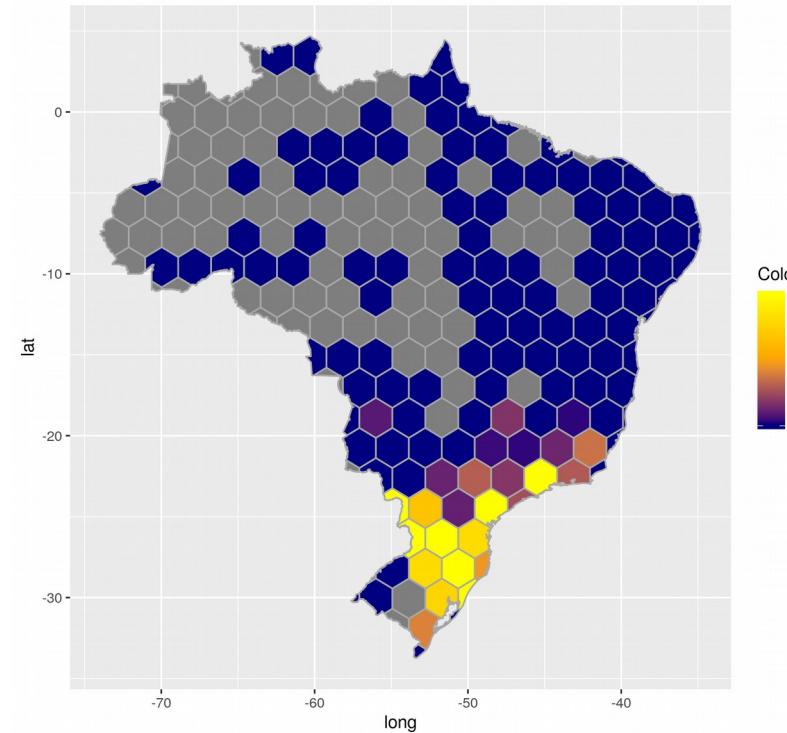




# *Pipraeida melononota*

Somenzari et al 2018: NC

Setembro - Semana: 37

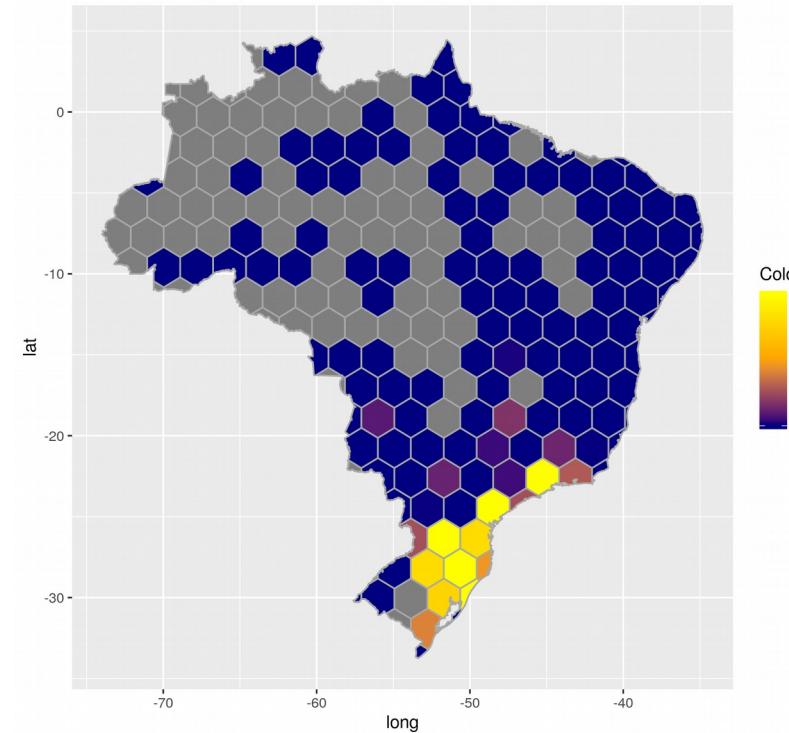




# *Pipraeida melononota*

Somenzari et al 2018: NC

Janeiro - Semana: 3

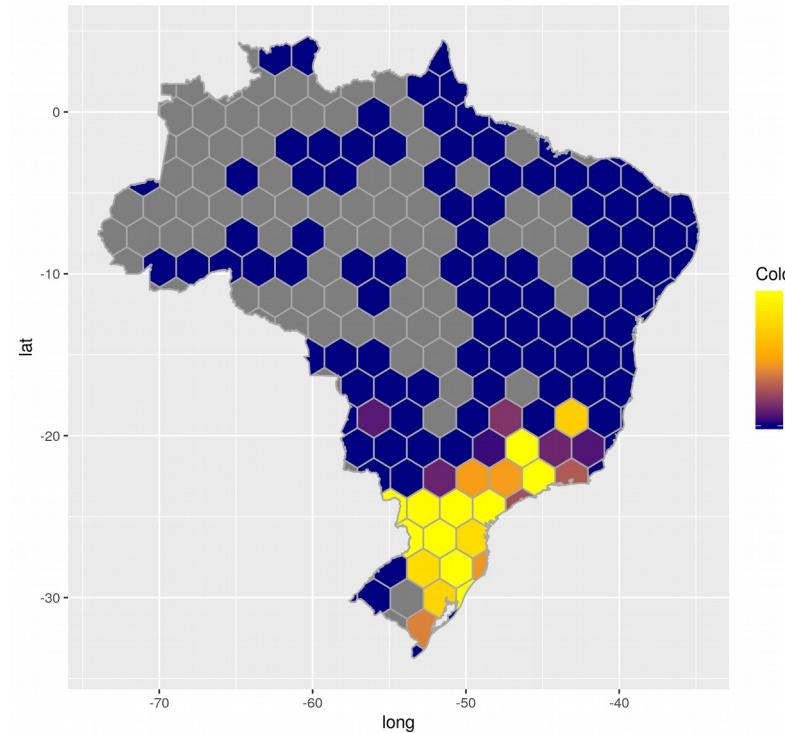




# *Pipraeida melononota*

Somenzari et al 2018: NC

Junho - Semana: 23



- **Próximos passos**
  - Aprimorar os modelos
  - Usar modelos para resto da América do Sul
  - Migração altitudinal

- Movimentações intertropicais ocorrem em mais espécies do que amplamente conhecido
- Dados de ciência cidadã para preencher lacunas no conhecimento básico das espécies



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