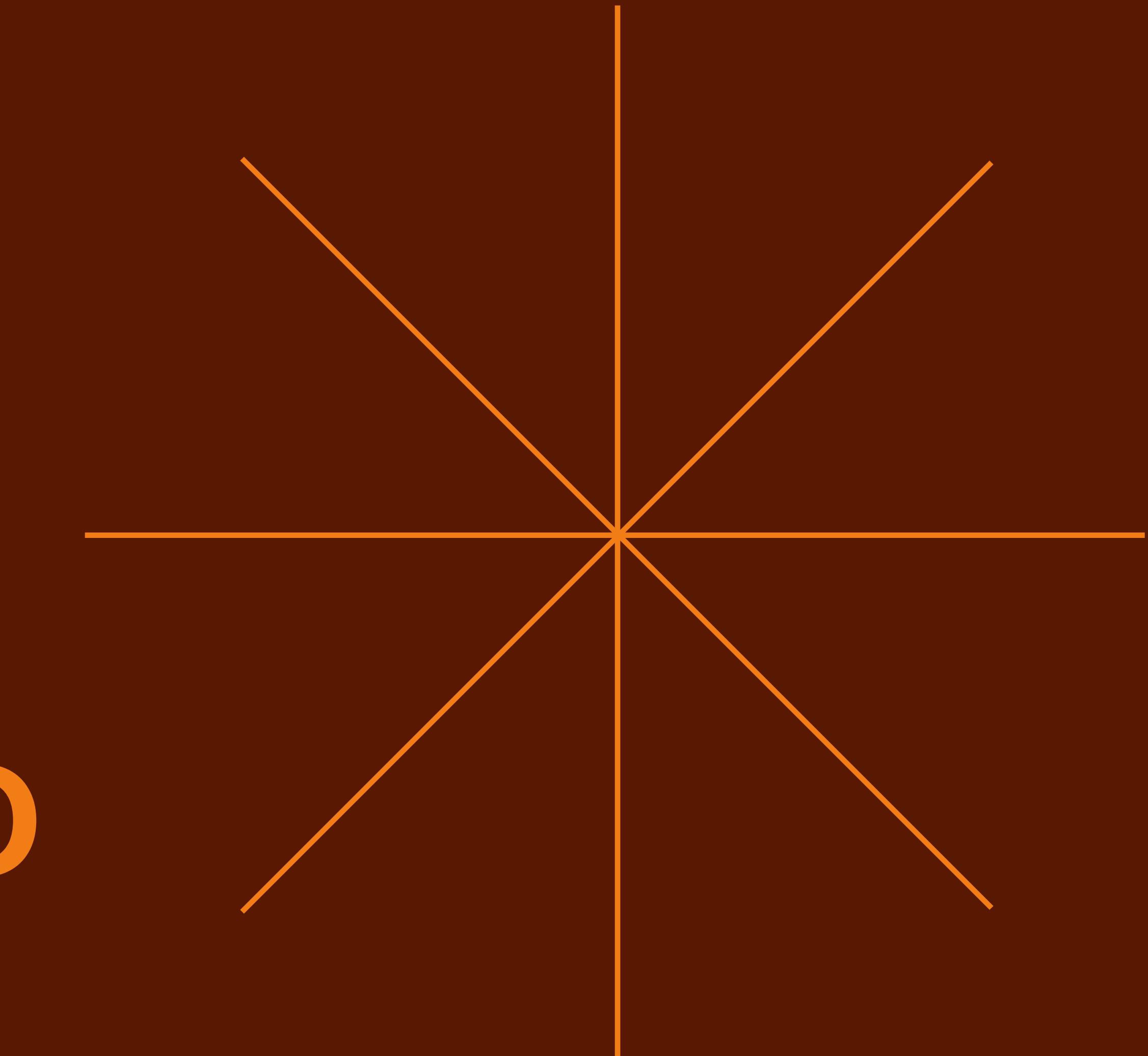
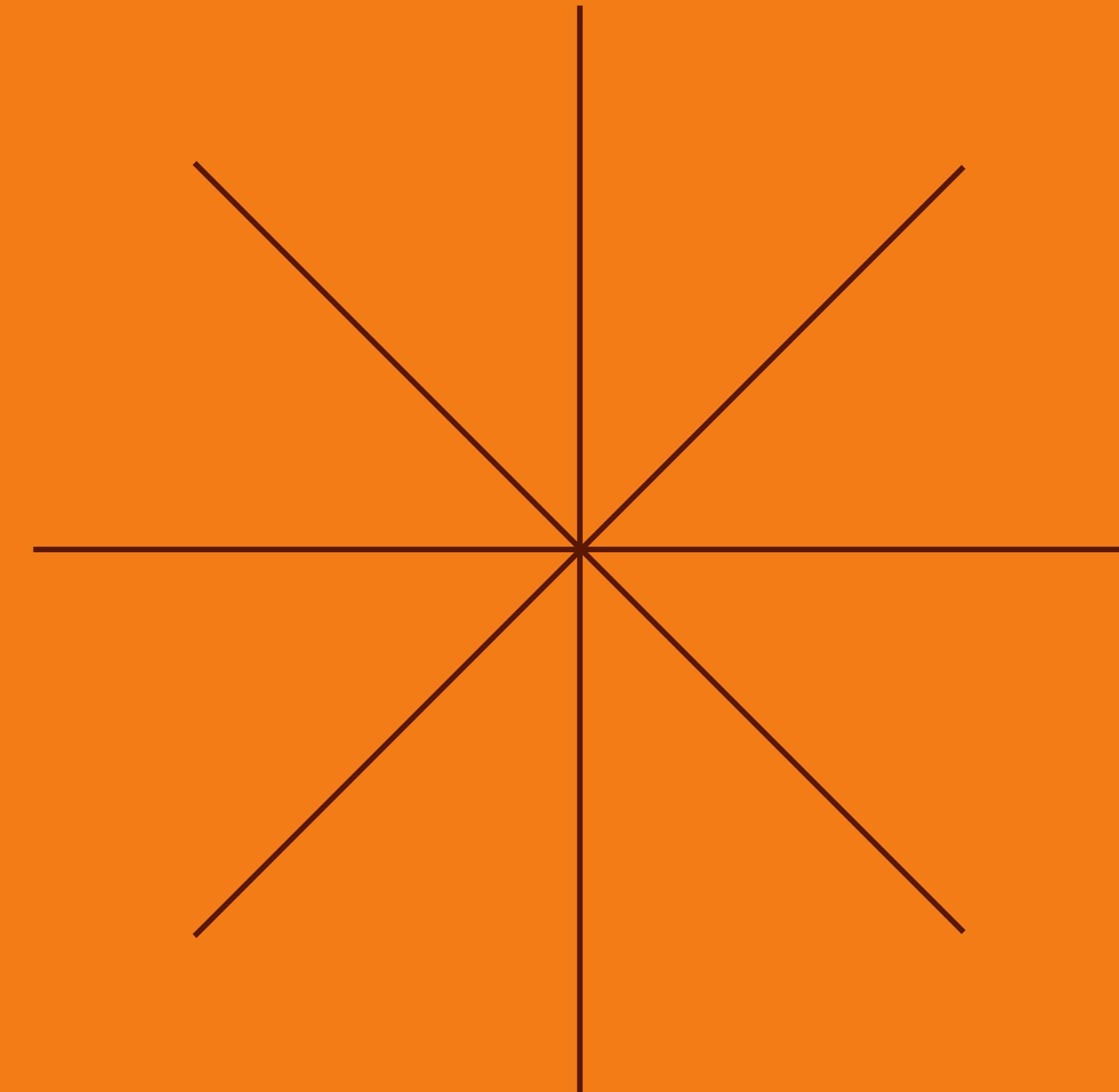


# **Aalise de queimadas no territorio brasileiro**

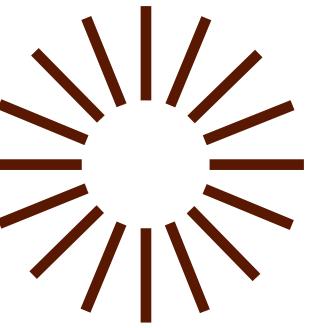


# 01 O PROBLEMA

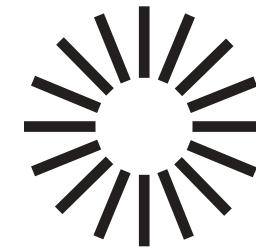




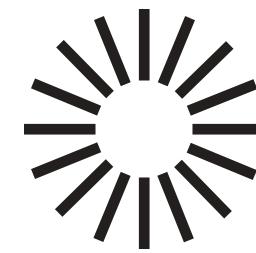
A escalada das queimadas no país revela uma crise complexa, onde causas naturais e intervenção humana geram impactos devastadores. Para superar a superficialidade na análise desse cenário, cabe a pergunta: quais são os elementos essenciais para compreender a real dinâmica desses incêndios?



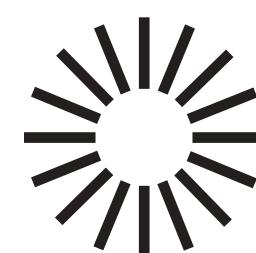
# Perguntas de partida



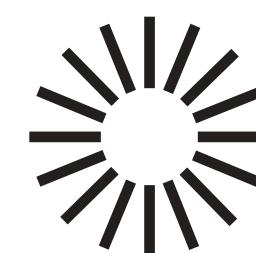
Como a frequência das queimadas de alta intensidade variou nos diferentes biomas brasileiros entre 2018 e 2024?



O número de dias sem chuva influencia o agravamento do risco de queimadas?

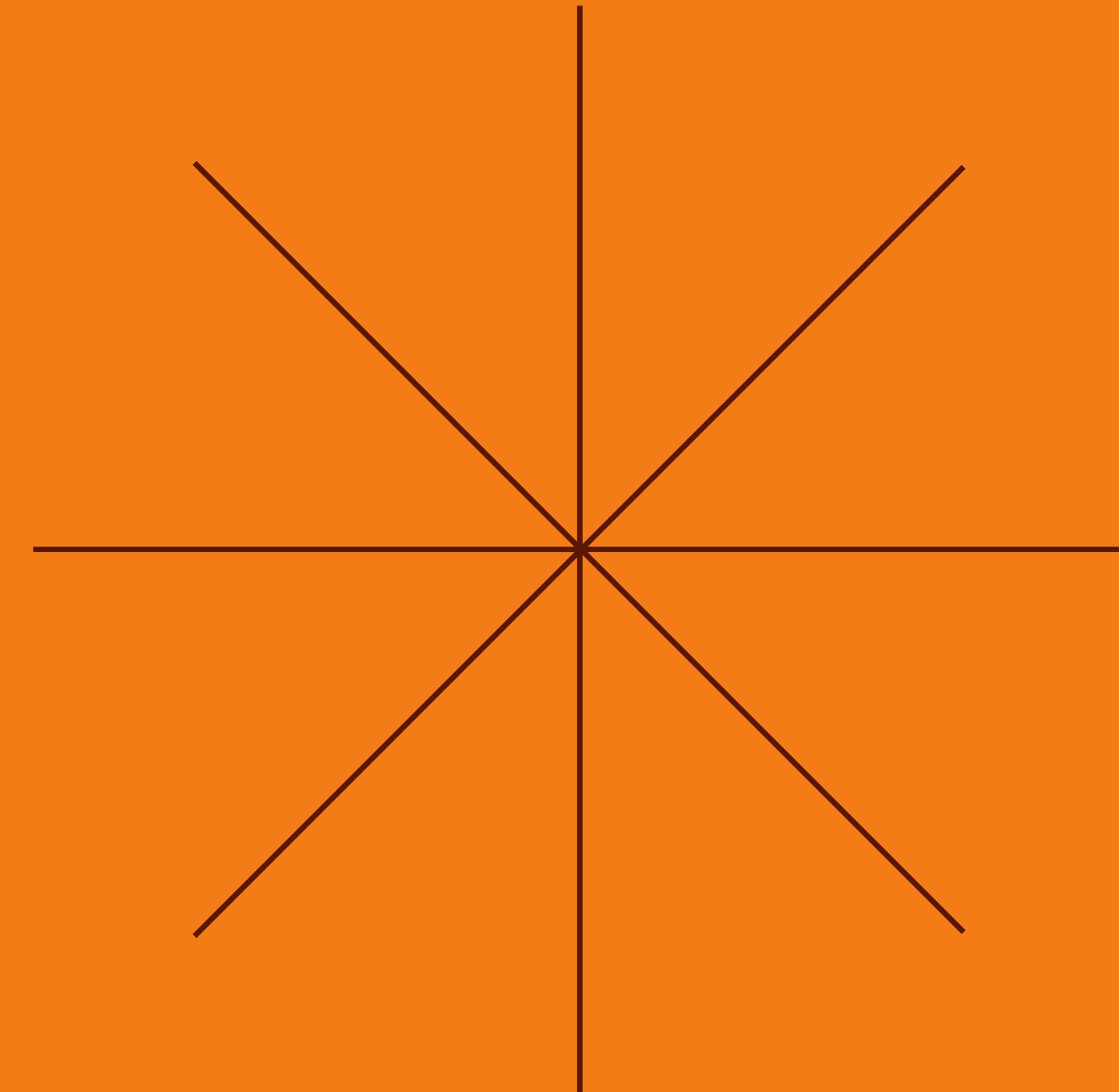


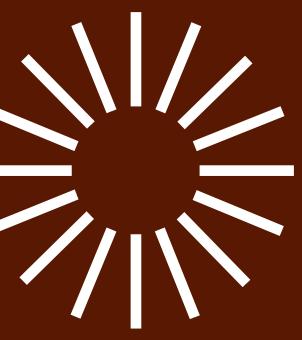
Qual é a distribuição sazonal e horária da incidência de queimadas?



Quais estados e regiões do país concentram as maiores taxas de incidência de fogo e por que essas áreas são mais afetadas?

# 01 O DATASET





Registros anuais do Programa Queimadas do INPE ↗

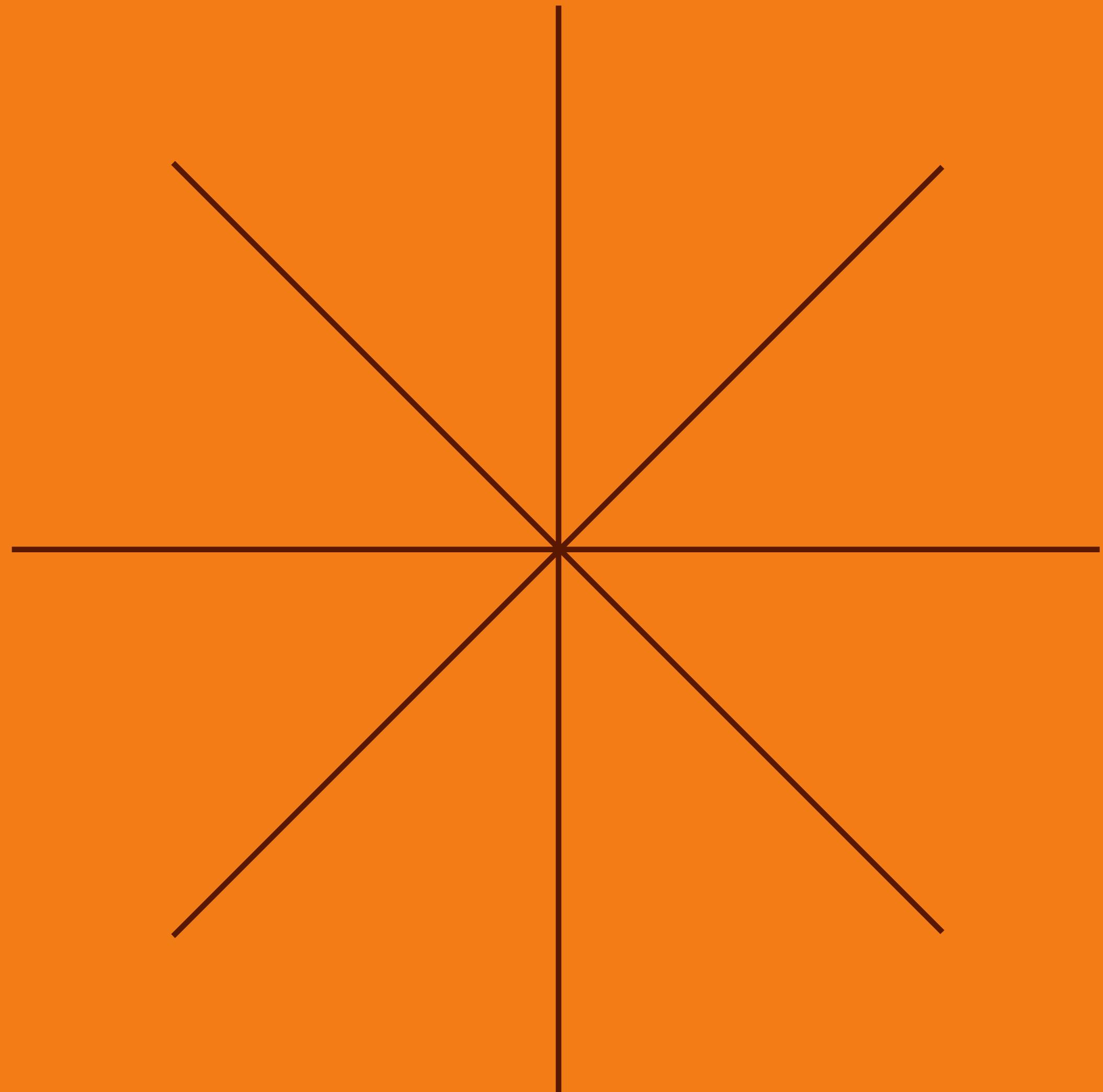
# Features após tratamento

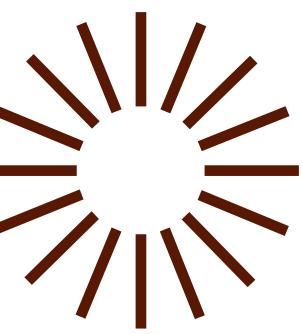
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longitude	Float64
bioma	Categorical
num_deteccoes_dia	UInt32
num_dias_sem_chuva_max	UInt32
precipitacao_max	Float64
risco_fogo_max	Float64
mes	UInt32

Feature	Tipo
trimestre	UInt32
periodo_dia_predominante	Categorical
estacao_ano	Categorical
periodo_climatico	Categorical
ano	UInt32
municipio	Categorical
<b>label_intensidade</b>	Categorical

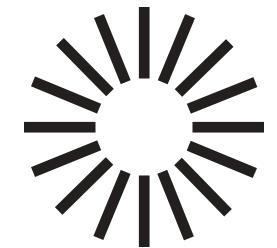
# 01

# FERRAMENTAS

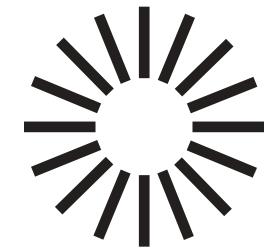




# Ferramentas utilizadas



D3.js

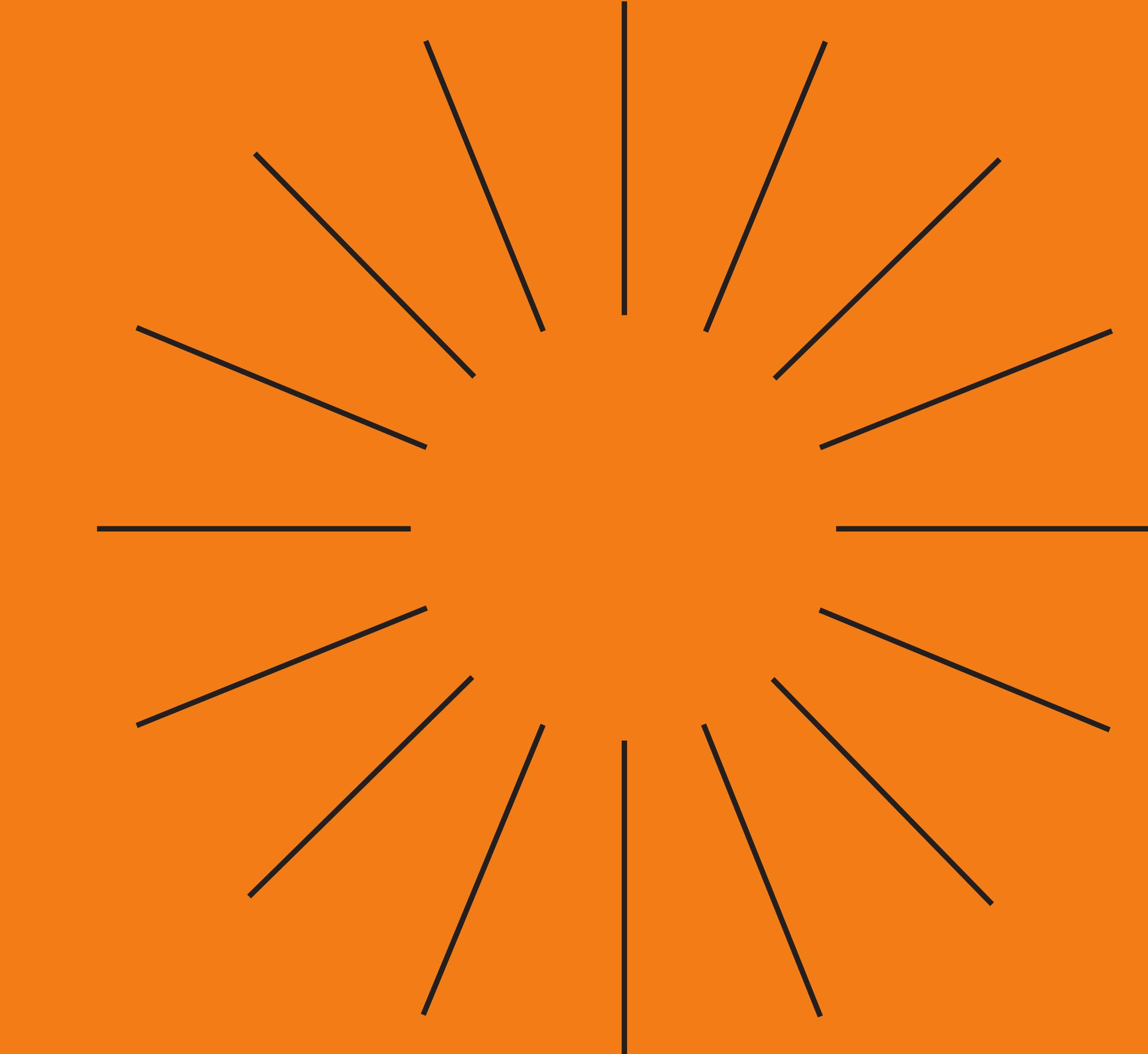


GitHub



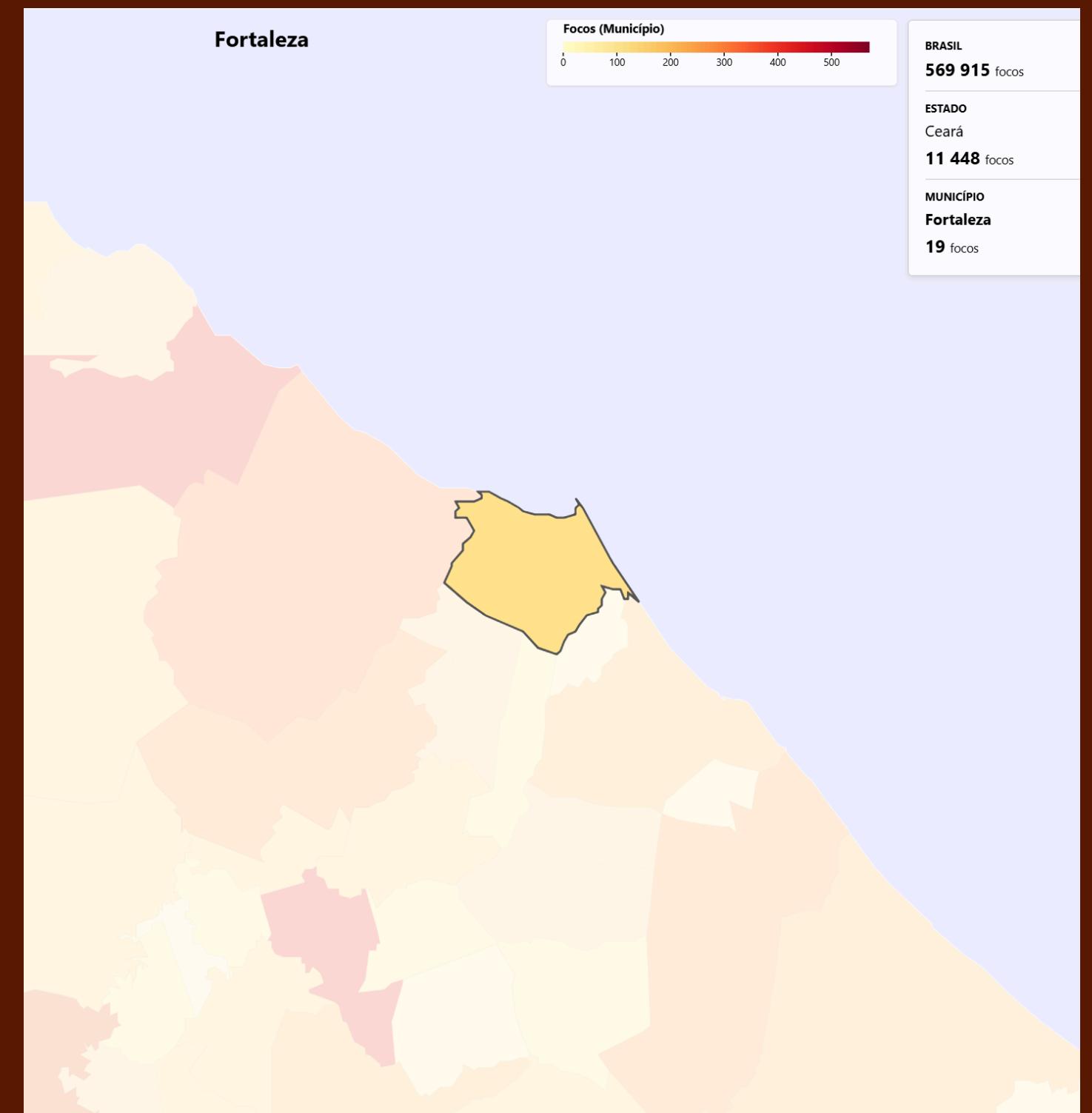
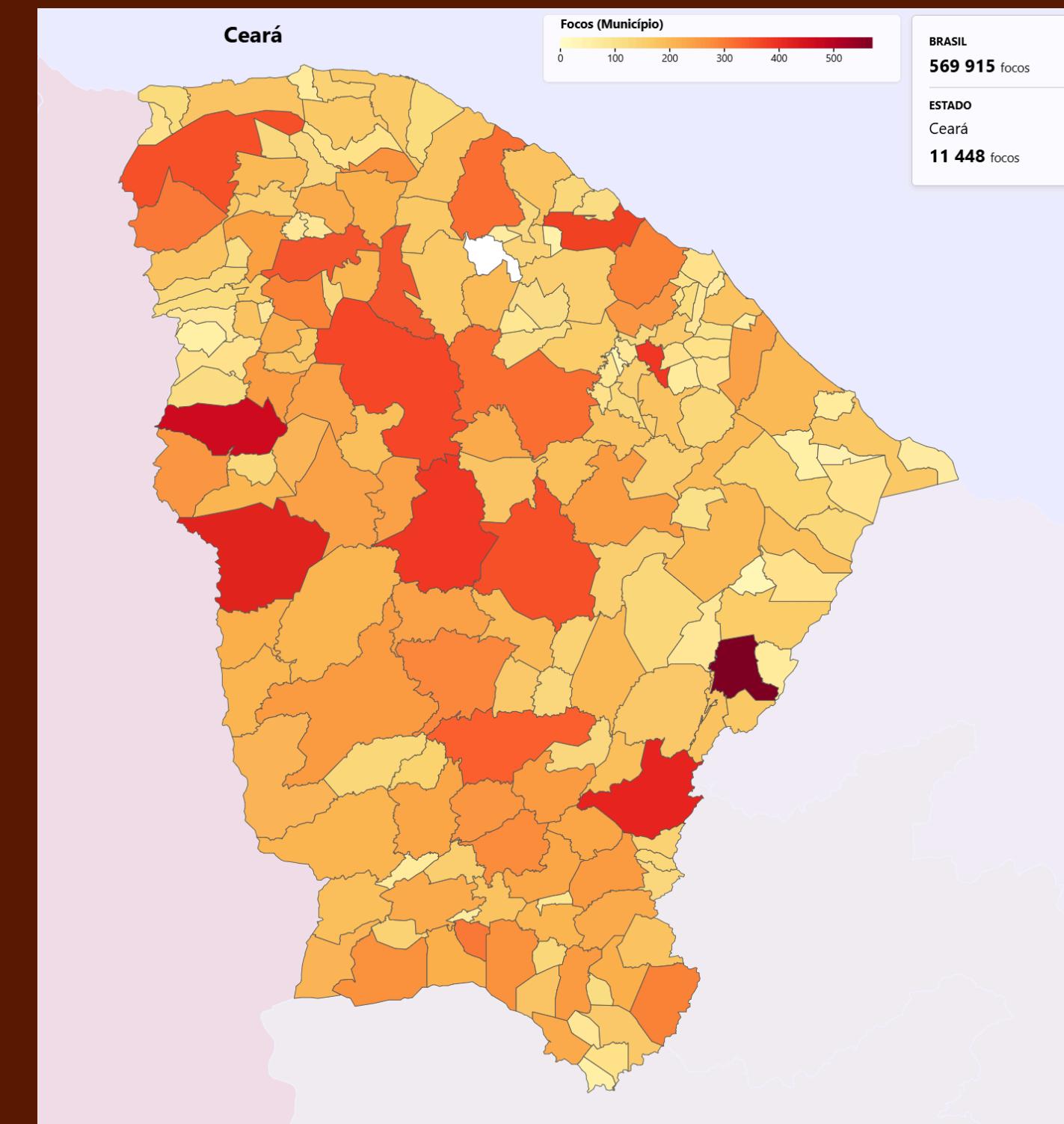
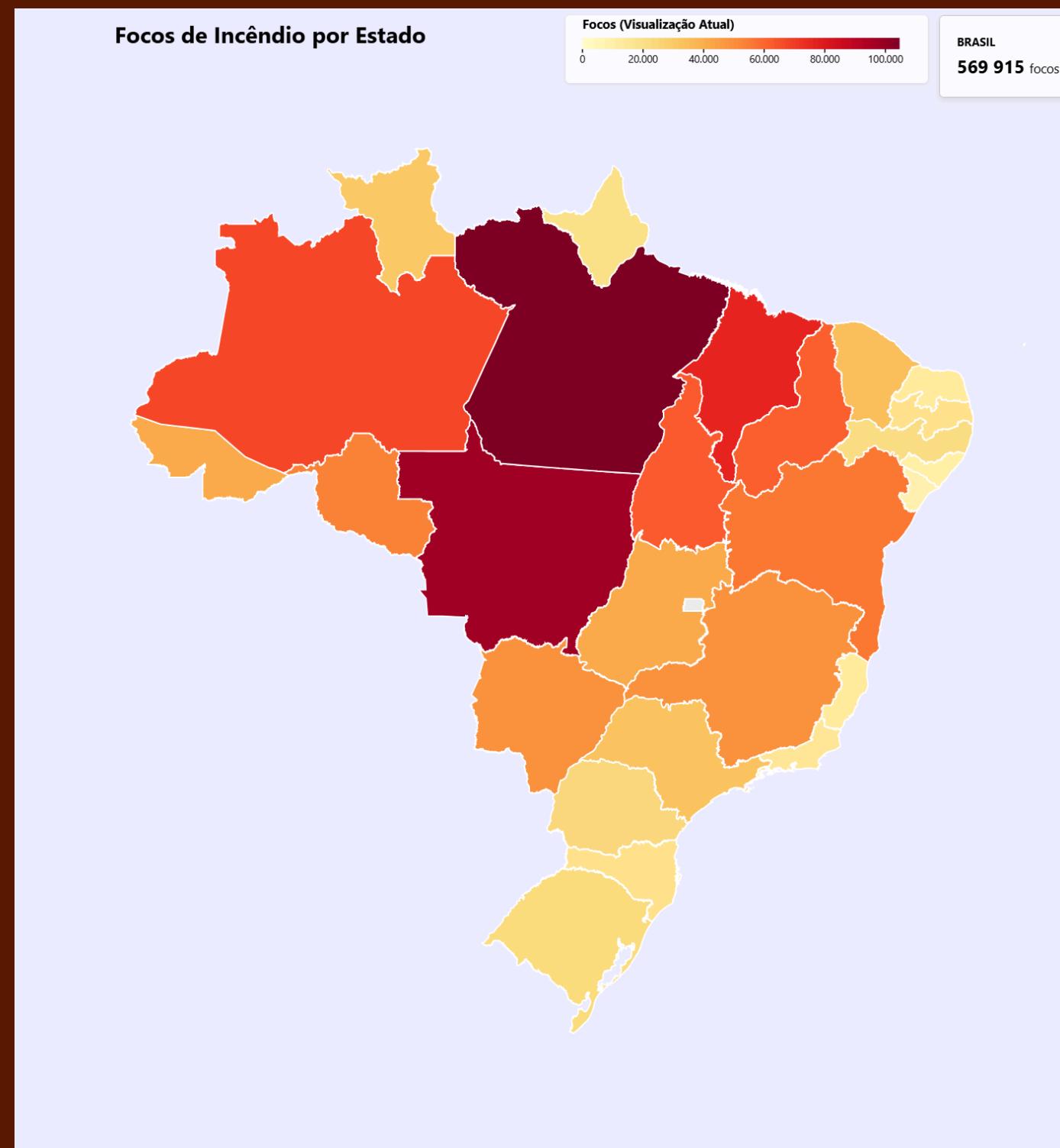
Observable Framework

# 03 VISUALIZAÇÃO



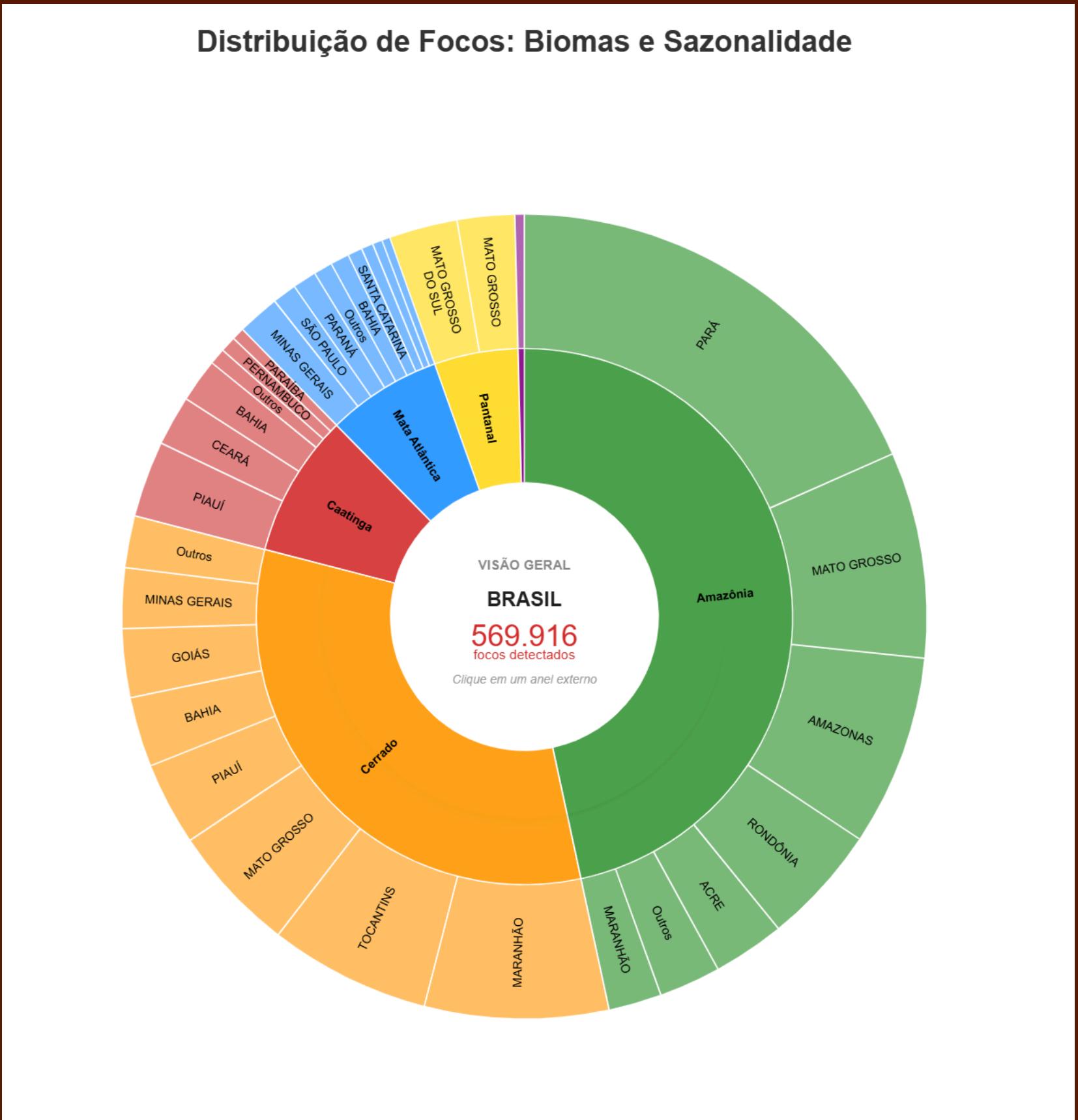


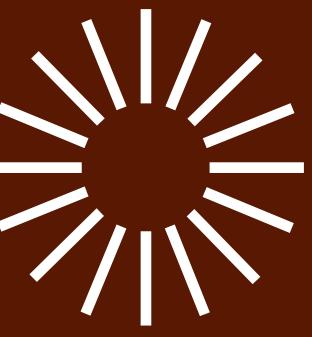
# MAPA:



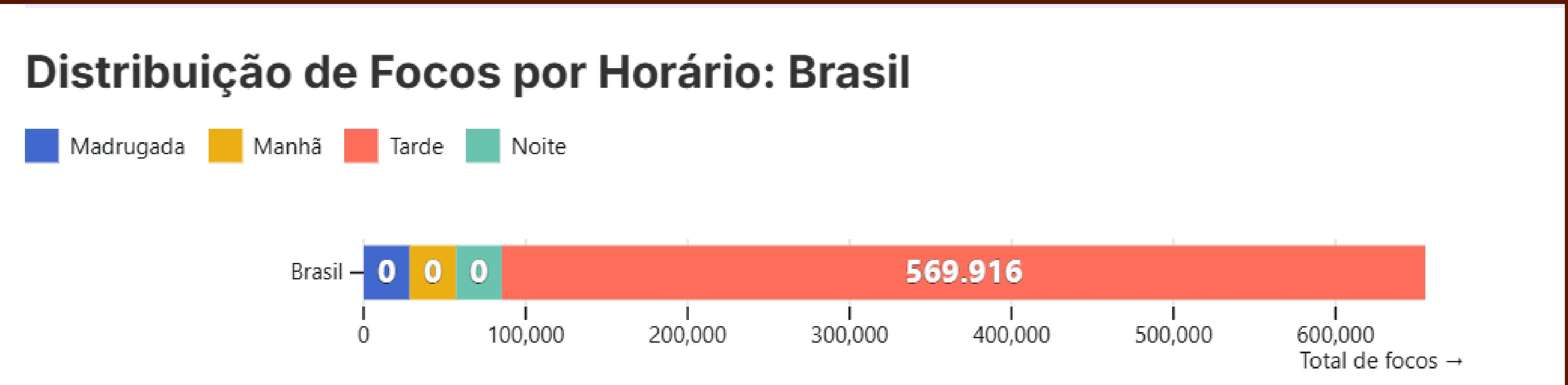


# SUNBURST:



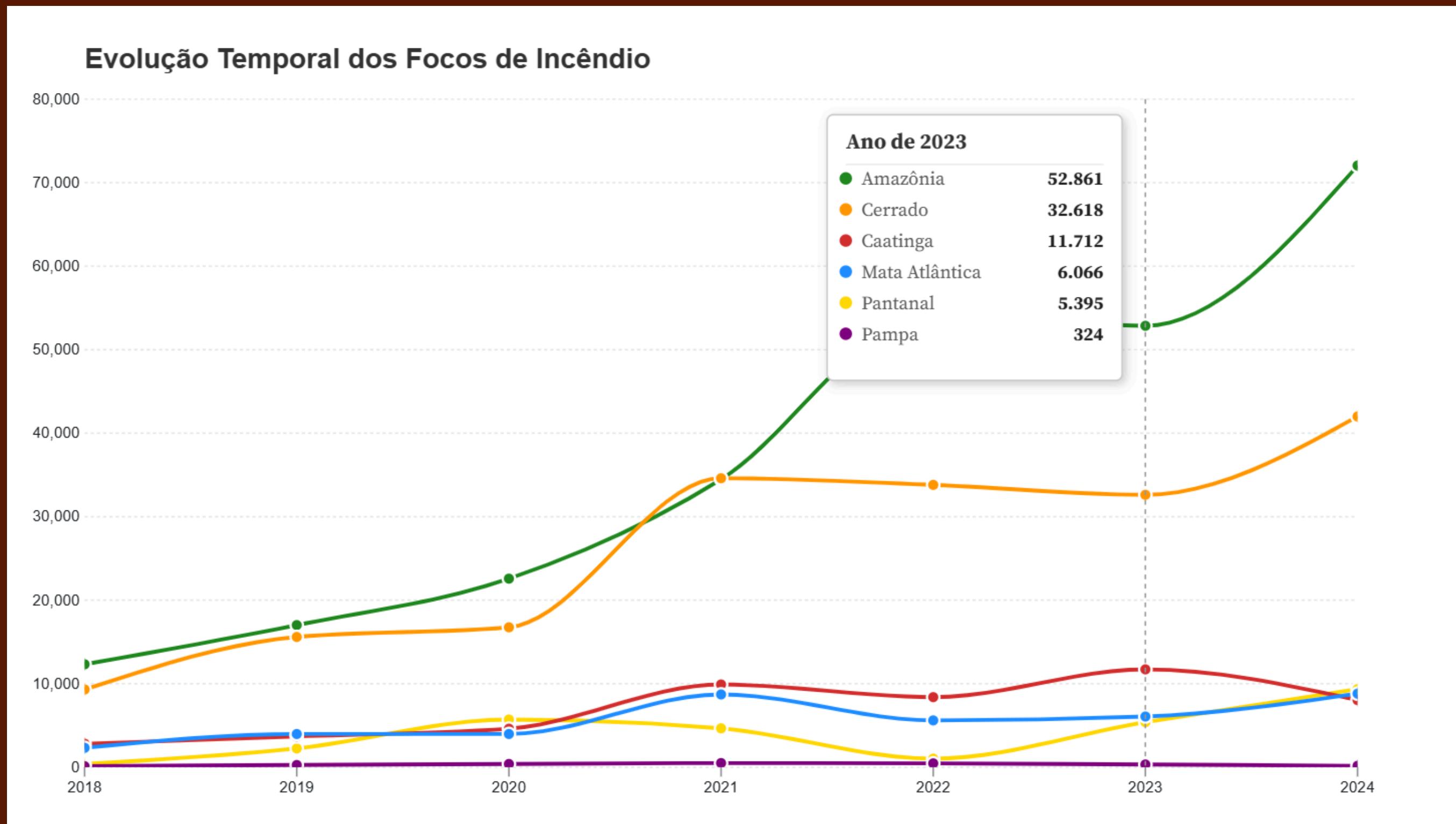


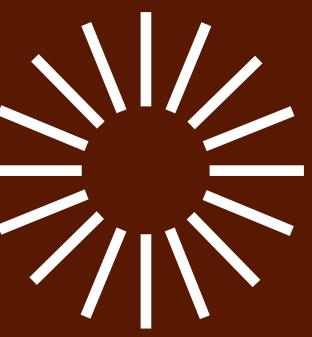
# BARRAS:



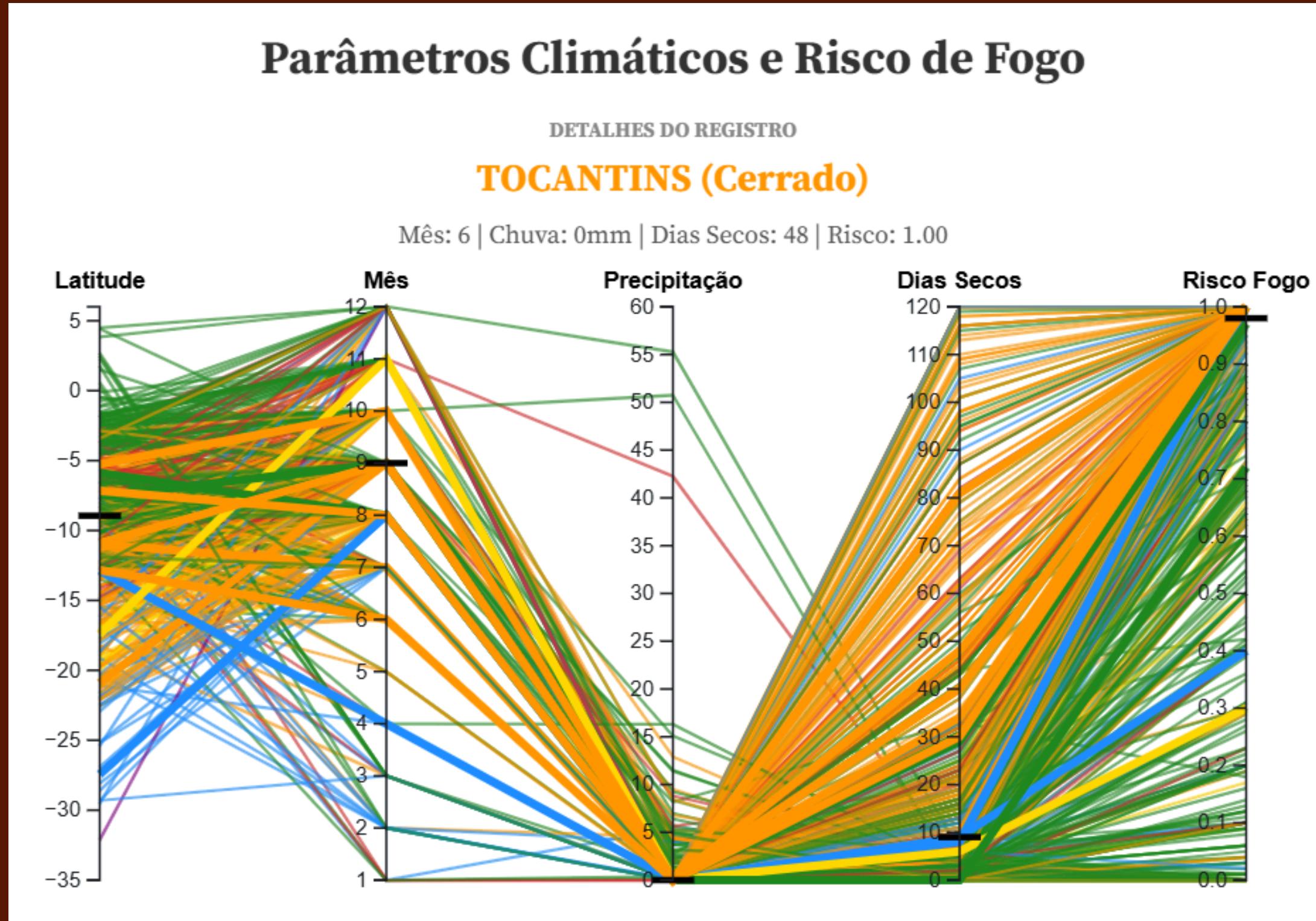


# LINHAS:

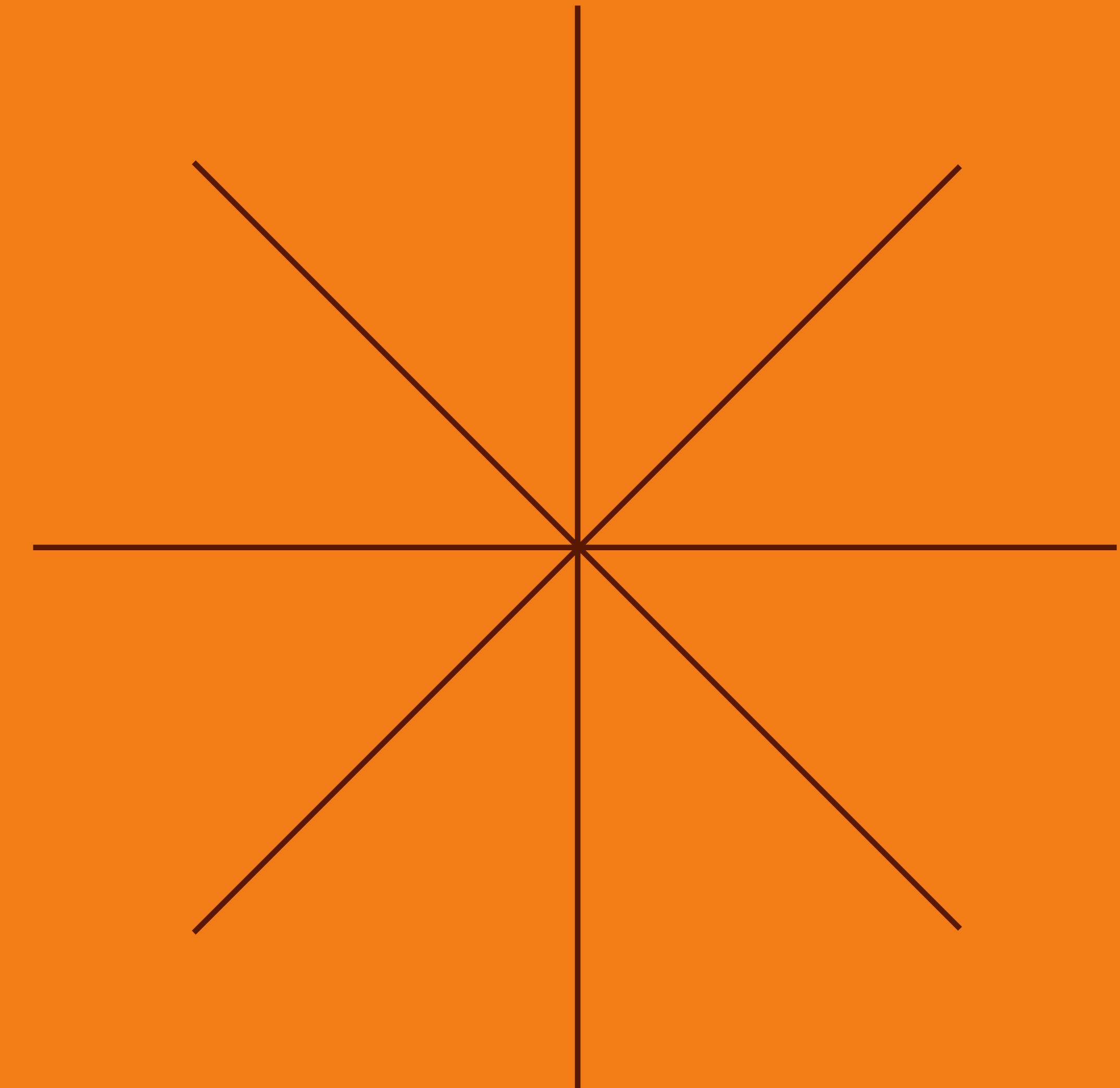


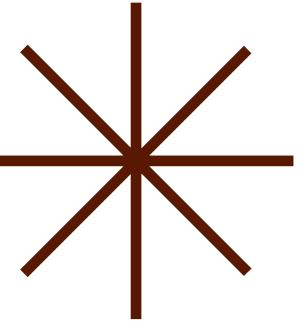


# COORDENADAS PARALELAS:

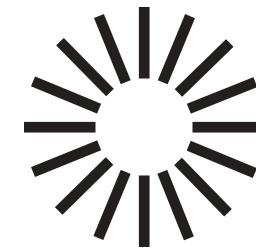


# 04 LIMITAÇÕES E APRENDIZADOS

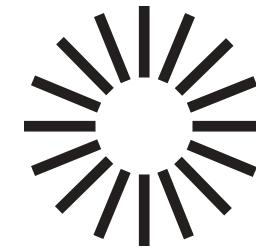




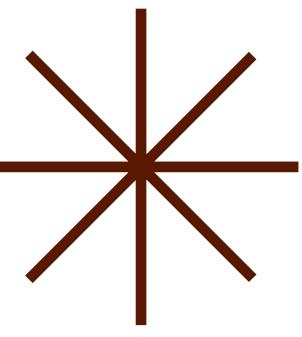
# Problemas enfrentados durante o projeto



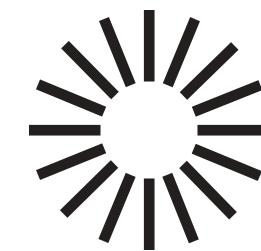
Grande volume de dados.



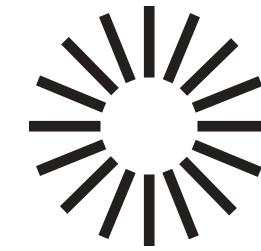
Uso do Observable Framework



# Aprendizados:



Aprender mais sobre desenvolvimento Web



Estudar mais profundamente o framework

OBRIGADO!