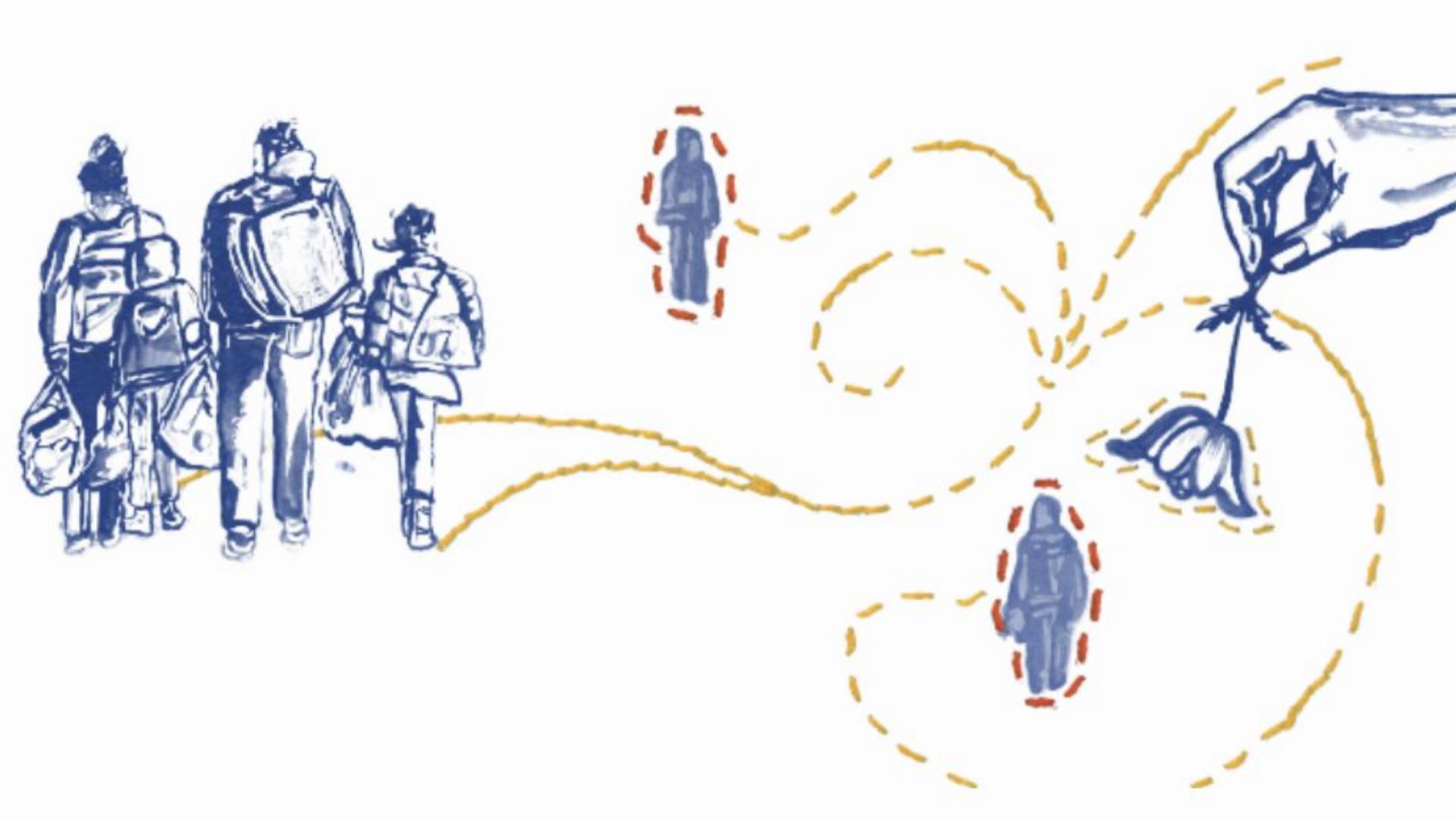


MISSING MIGRANTS PROJECT

PRESENTER: LILIT DAVIDYAN



Dataset 1

5987 rows

20 columns

2014 - 2019

2546 rows

Dataset 2

9906 rows

22 columns

2014 - 2021

466 rows

Dataset 3

13020 rows

19 columns

2014 - 2023

11182 rows

14185 rows \times 33 columns

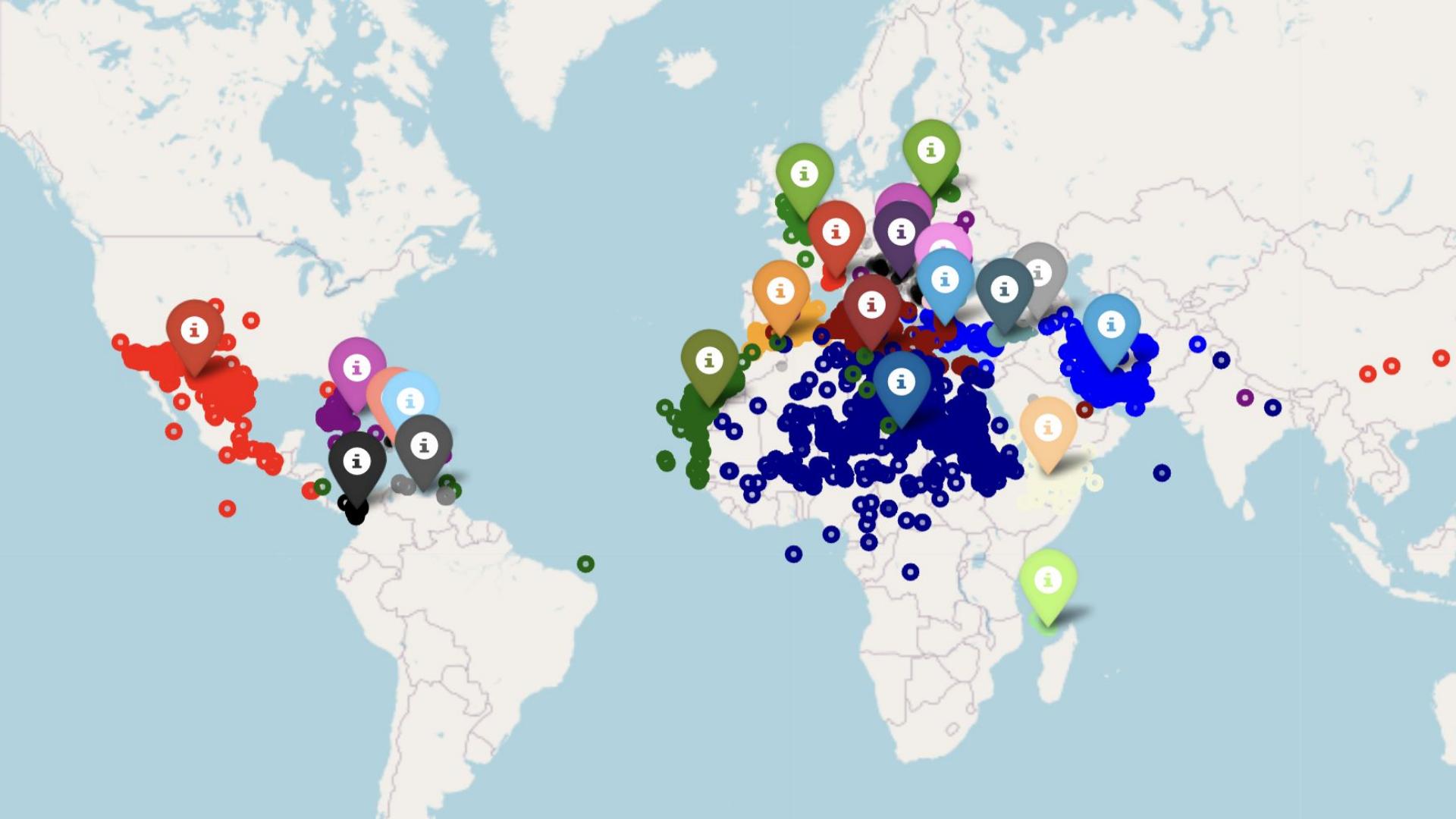
migration_route

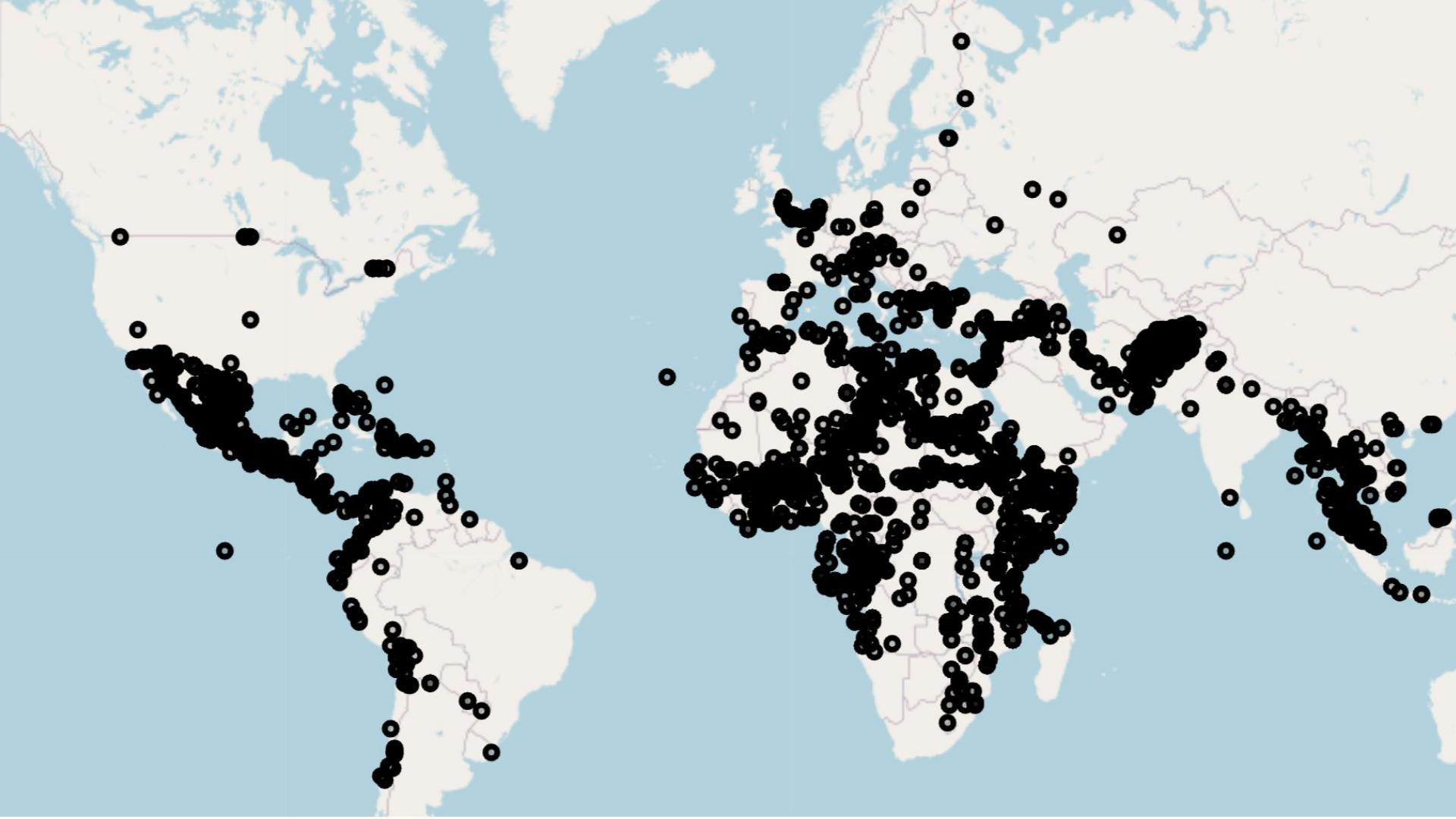
4148

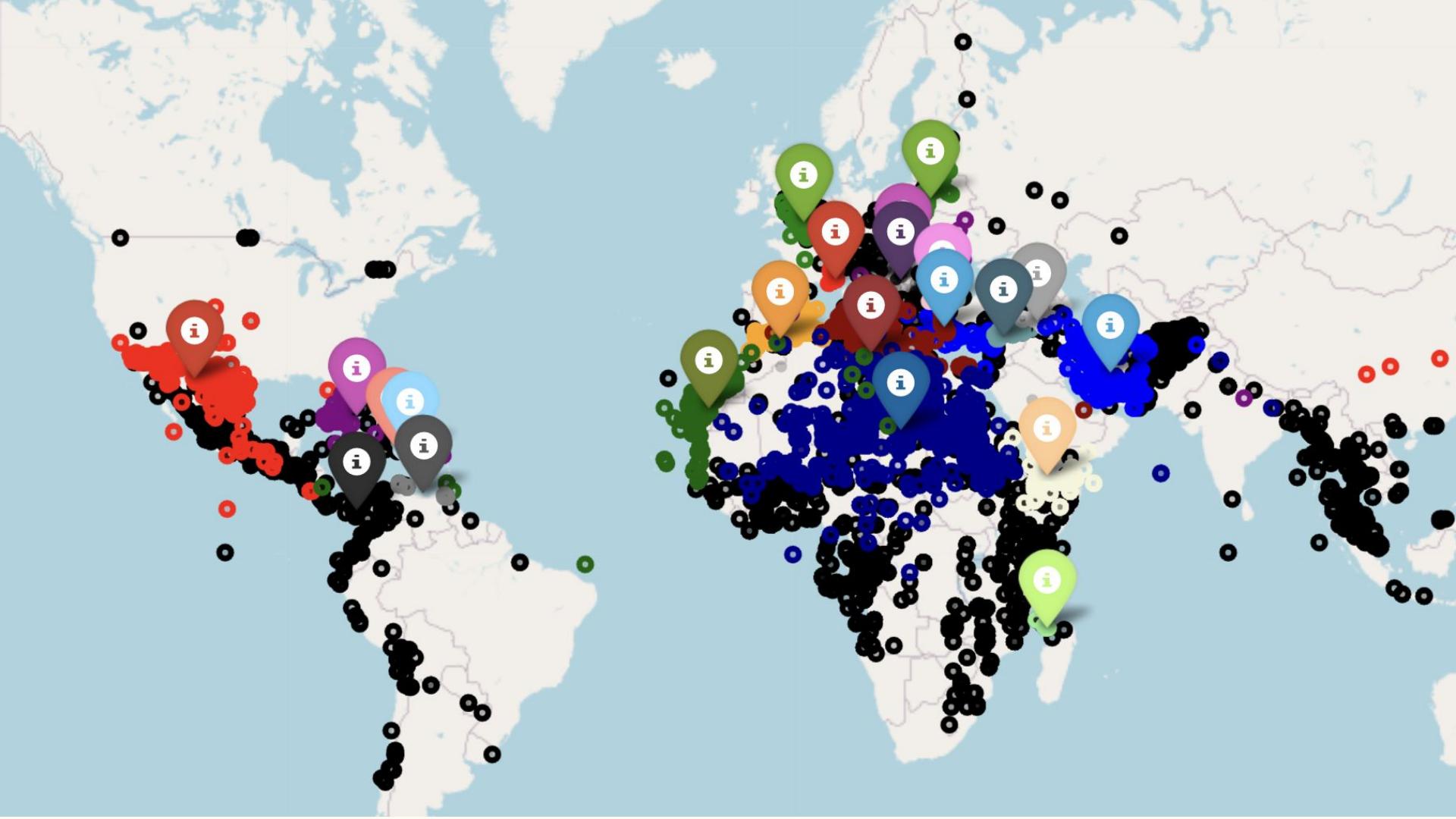
Dataset?

Region?

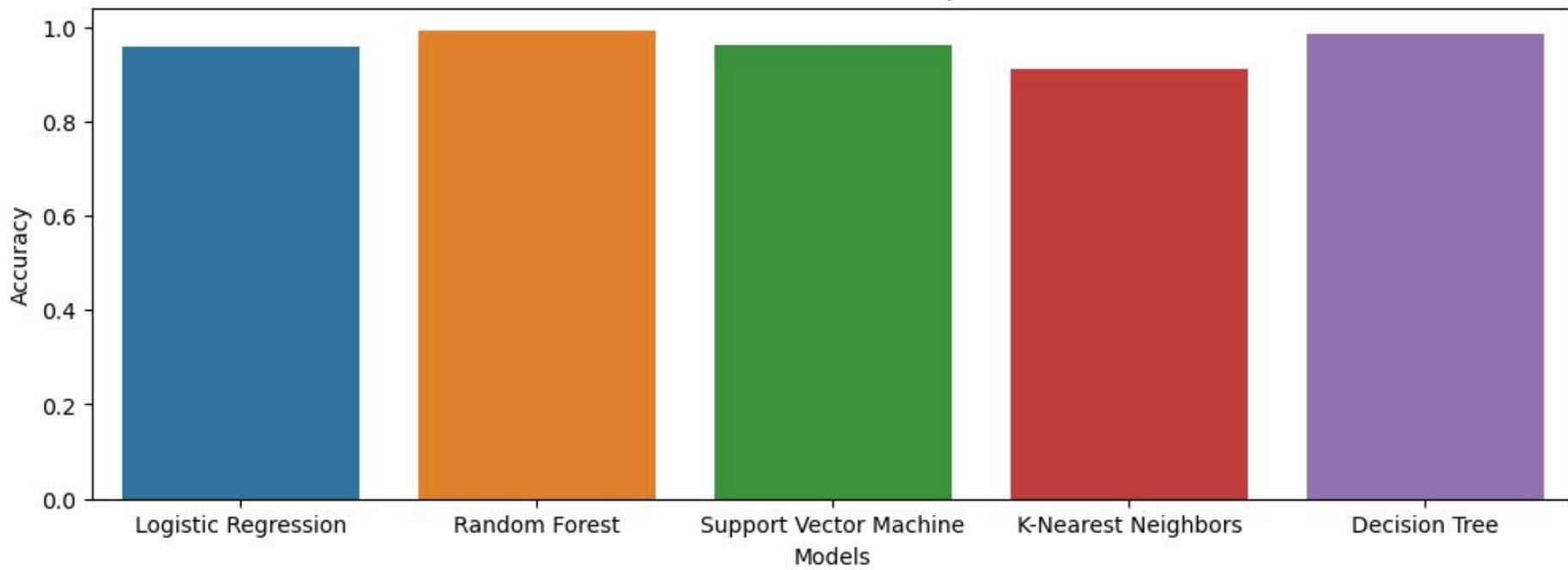
Time period?





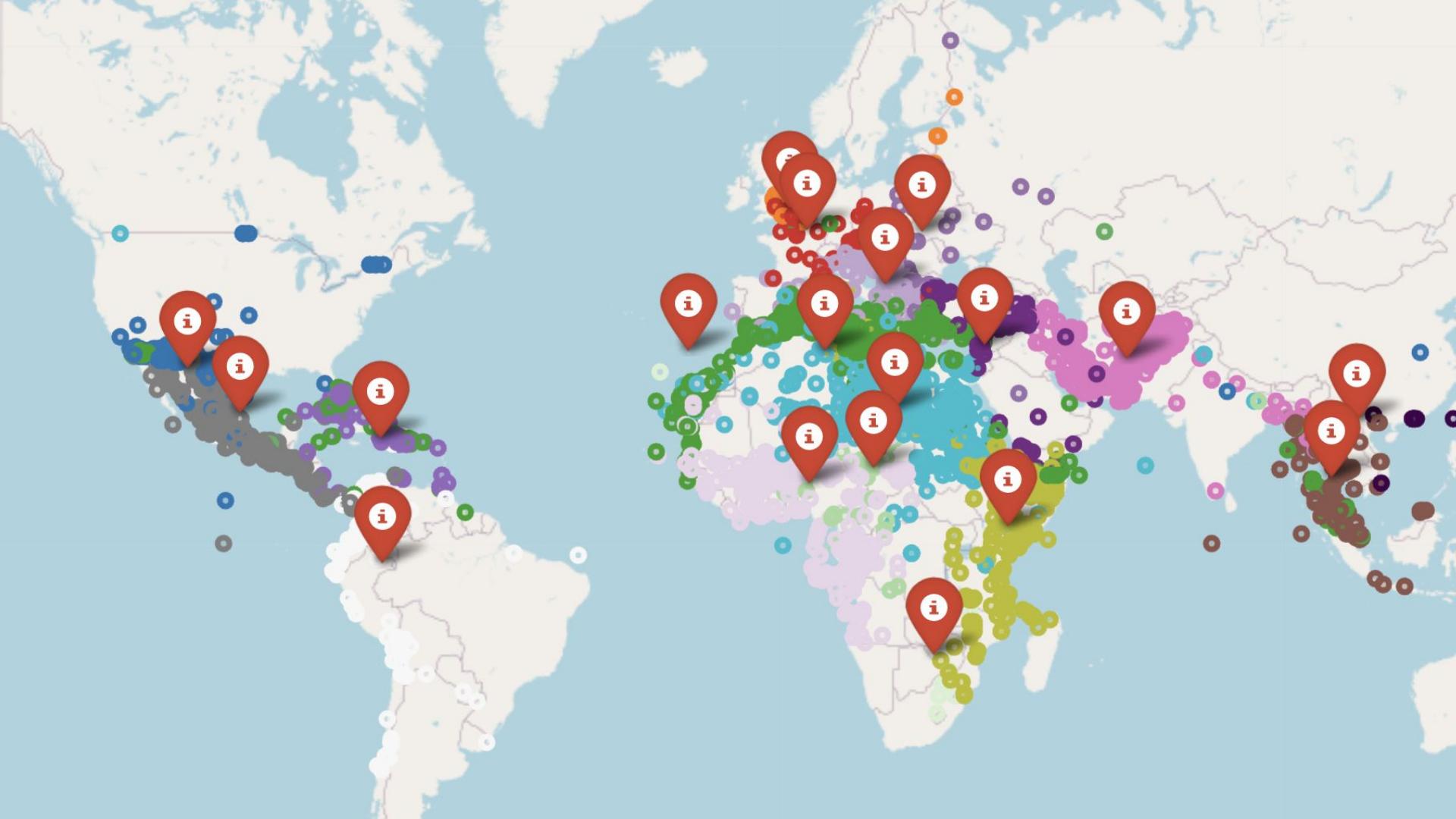


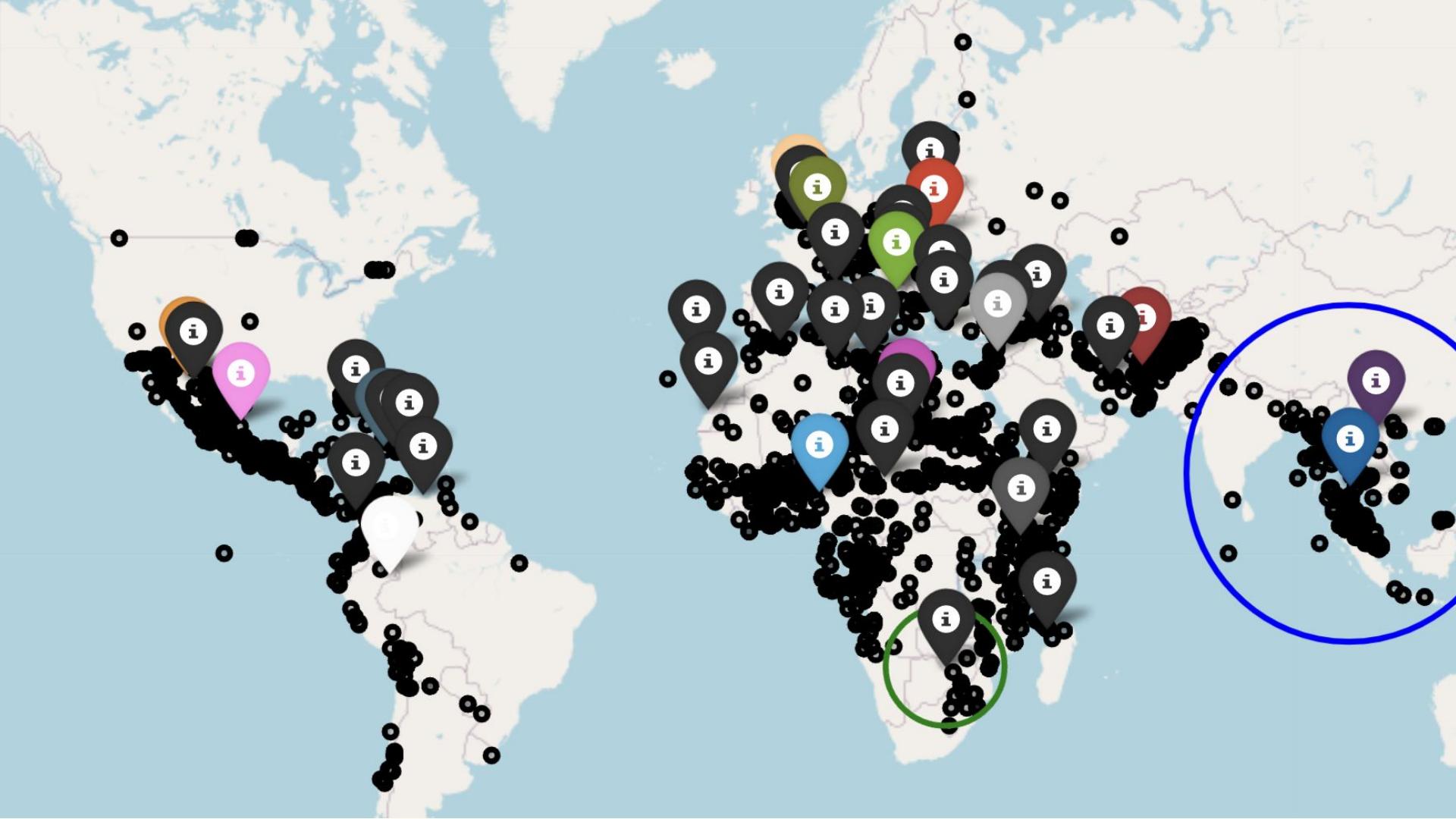
Model Performance Comparison

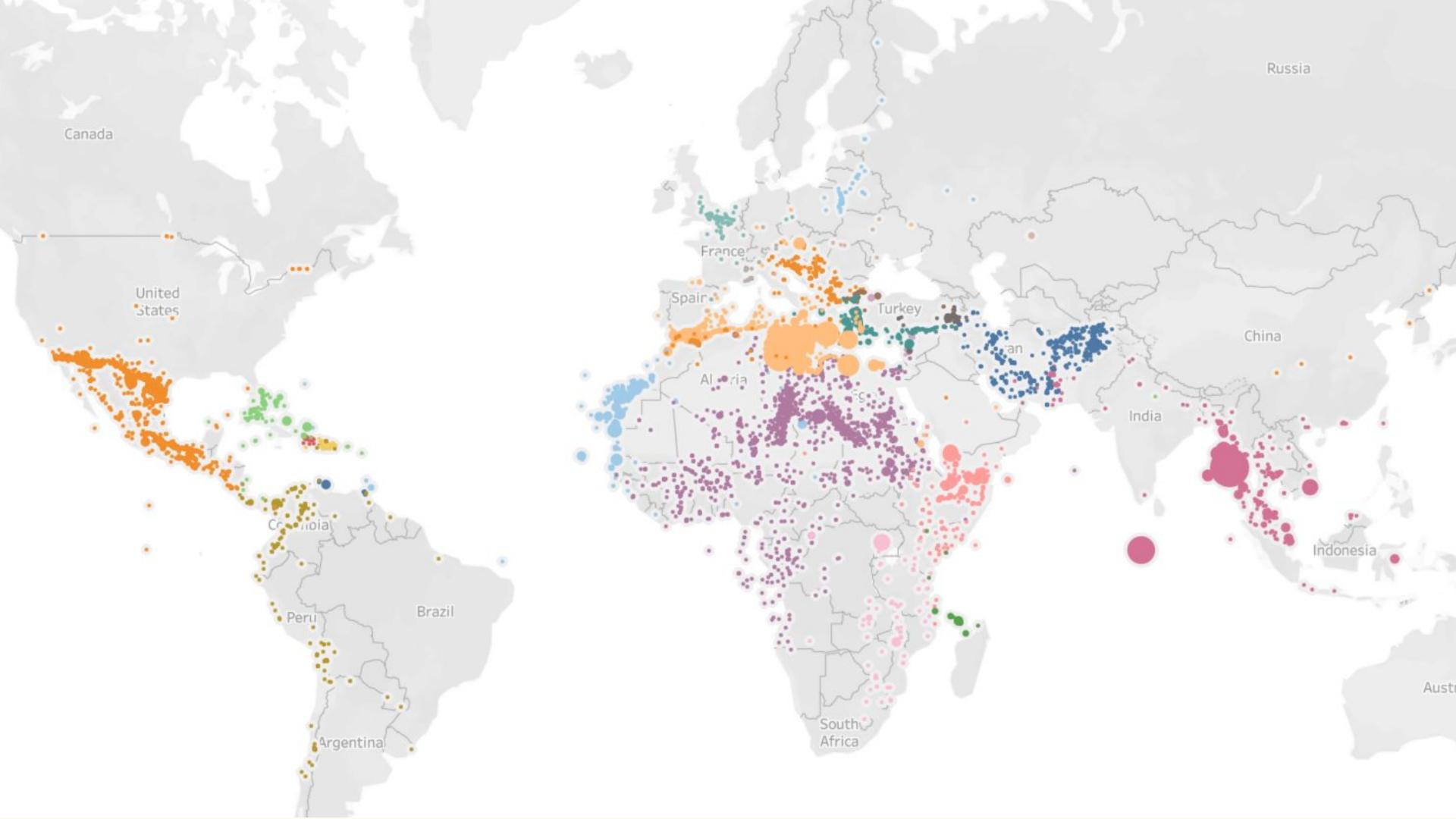


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{"Logistic Regression": 0.9591633466135459,  
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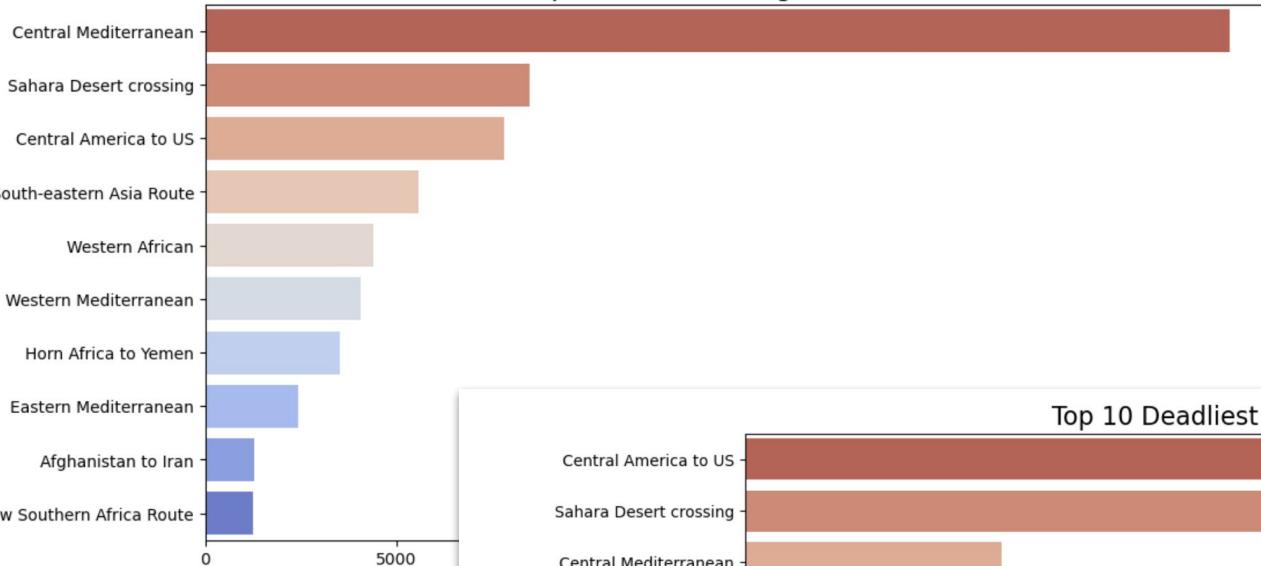






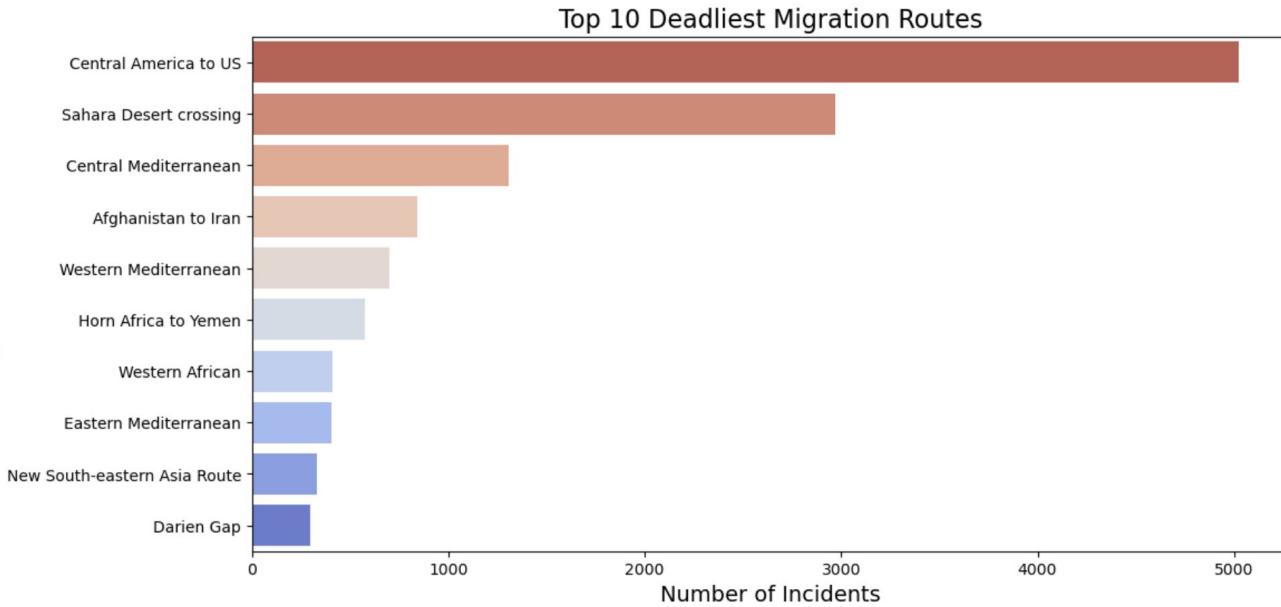
Top 10 Deadliest Migration Routes

Migration Route



Top 10 Deadliest Migration Routes

Migration Route





2048

Sickness / lack of access to
adequate healthcare



5831

Accidental death



42736

Drowning



10492

Mixed or unknown



3694

Harsh environmental
conditions / lack of adequate
shelter, food, water



4510

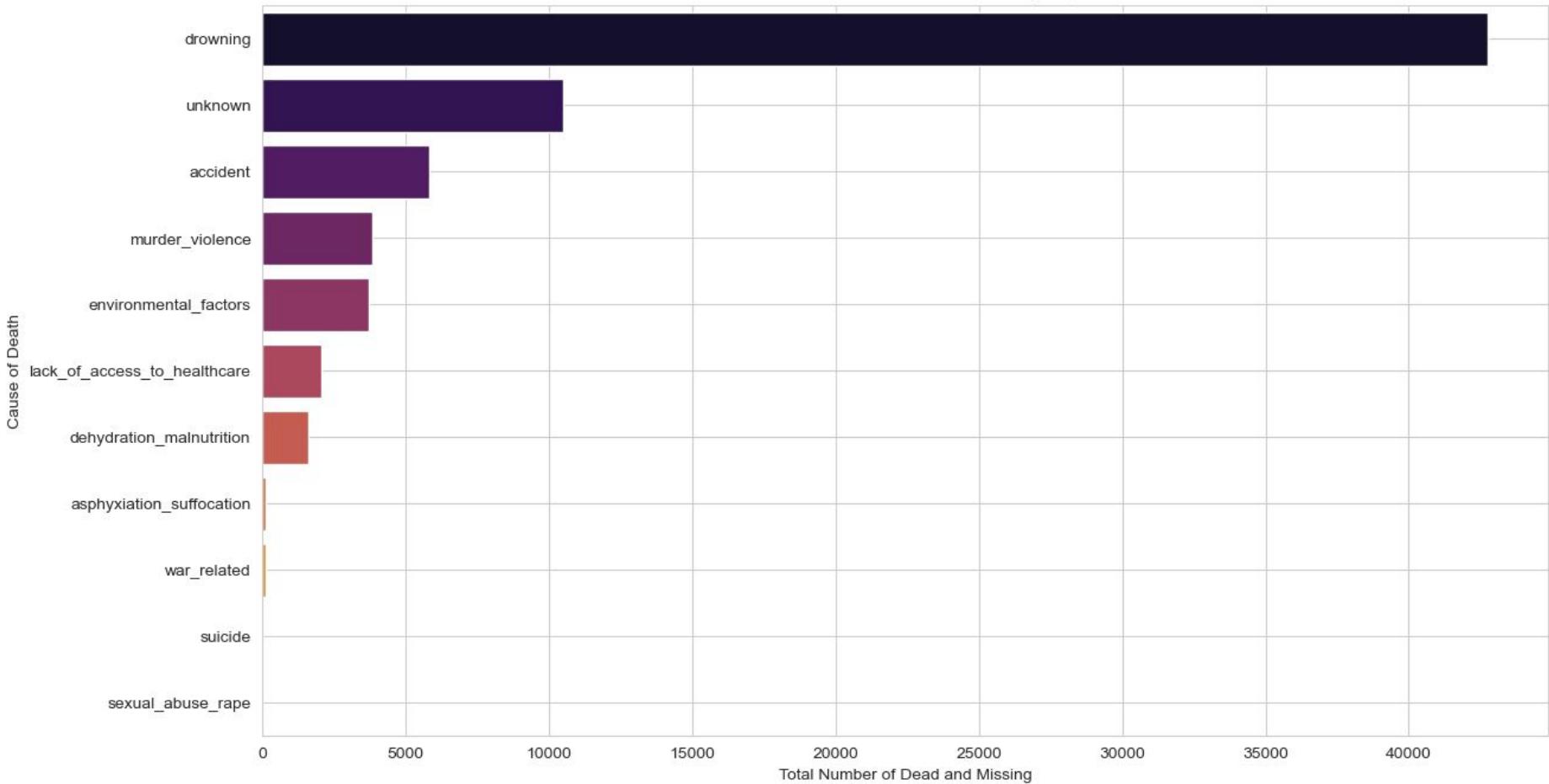
Vehicle accident / death
linked to hazardous
transport



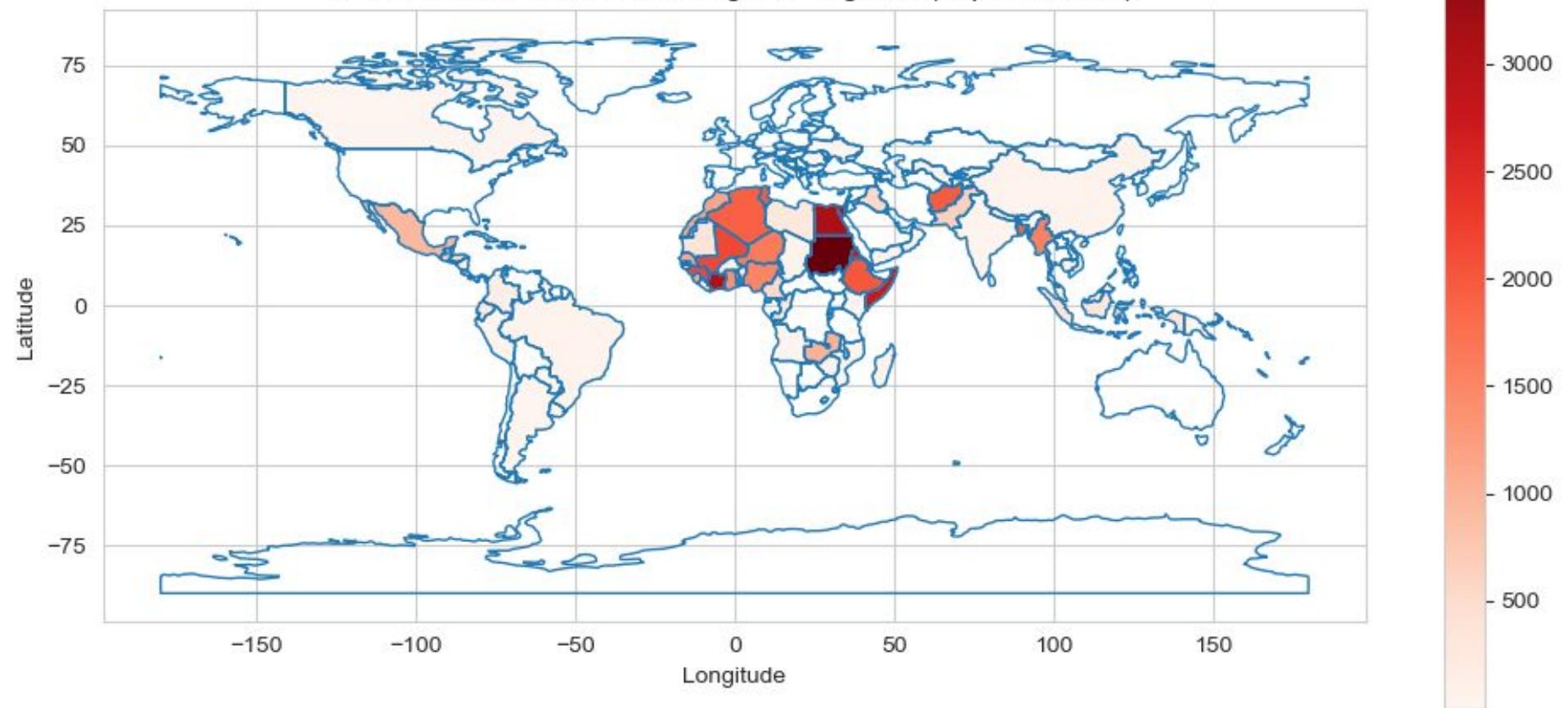
3819

Violence

Most Common Causes of Death in Deadly Migrations

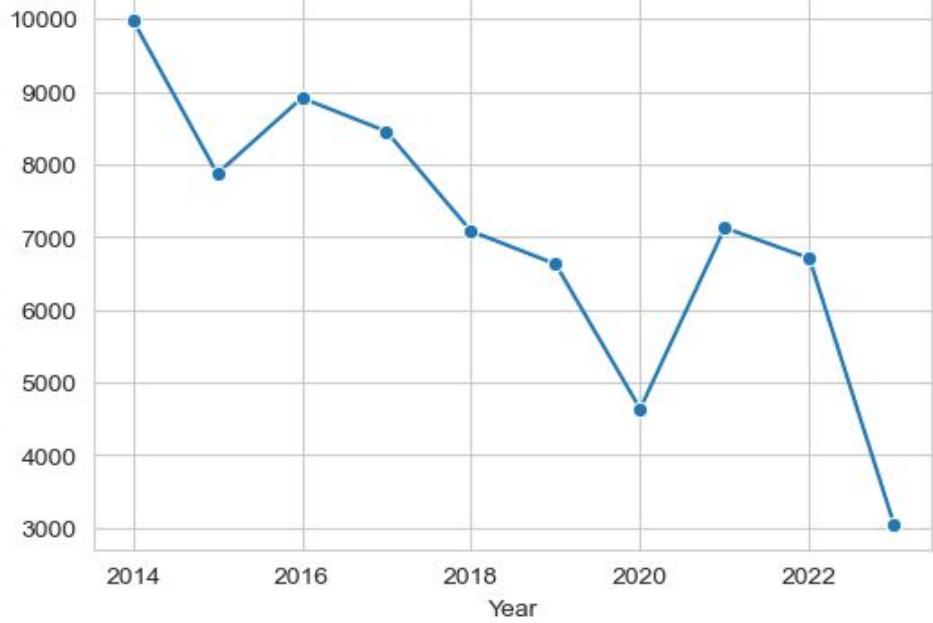


Most Common Countries of Origin for Migrants (Exploded Data)



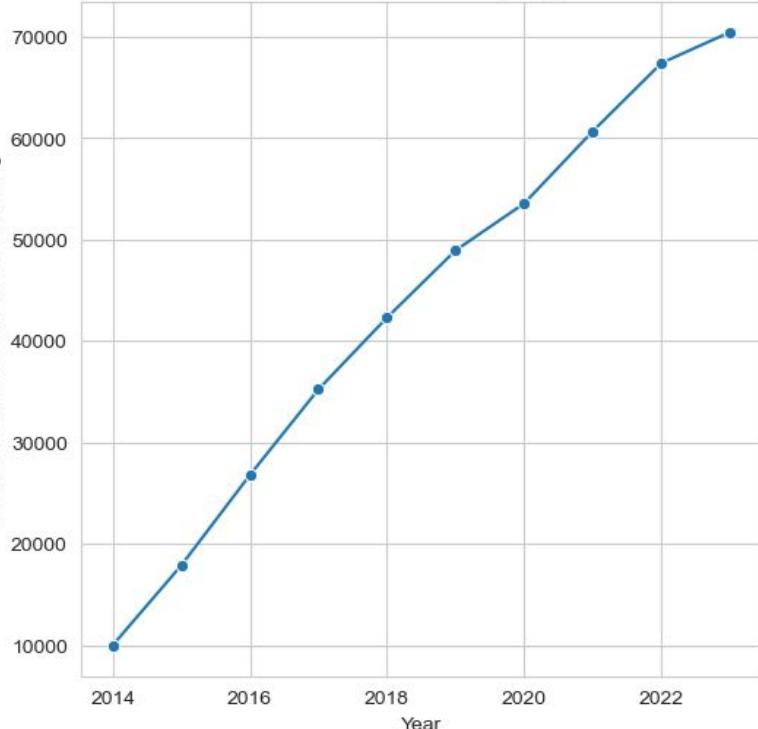
Total Number of Lives Lost in Deadly Migrations Over the Years

Total Number of Dead and Missing

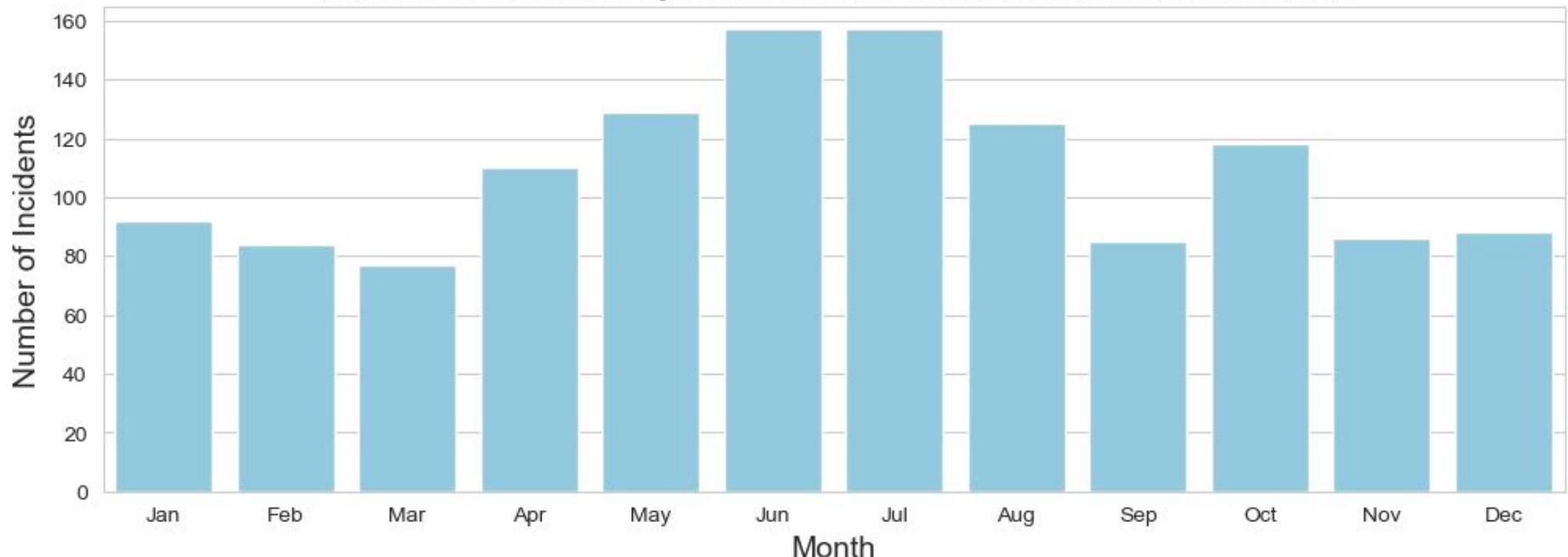


Cumulative Number of Lives Lost in Deadly Migrations Over the Years

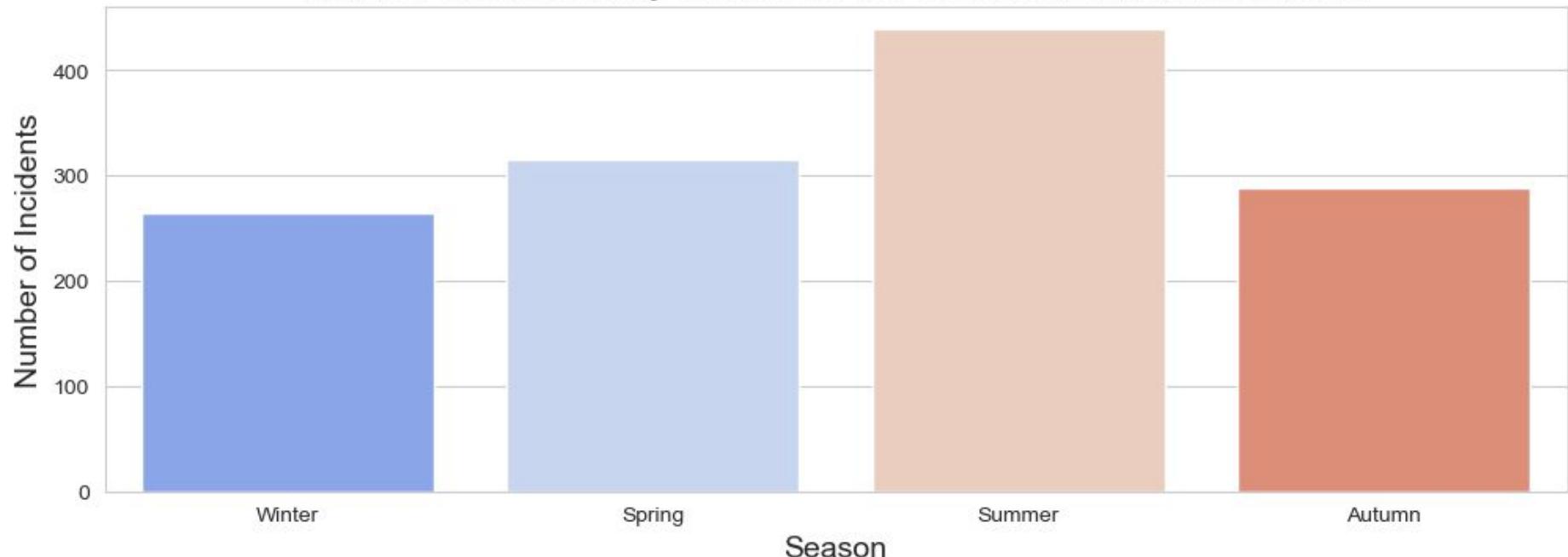
Cumulative Number of Dead and Missing



Number of Incidents by Month for the Central Mediterranean Route

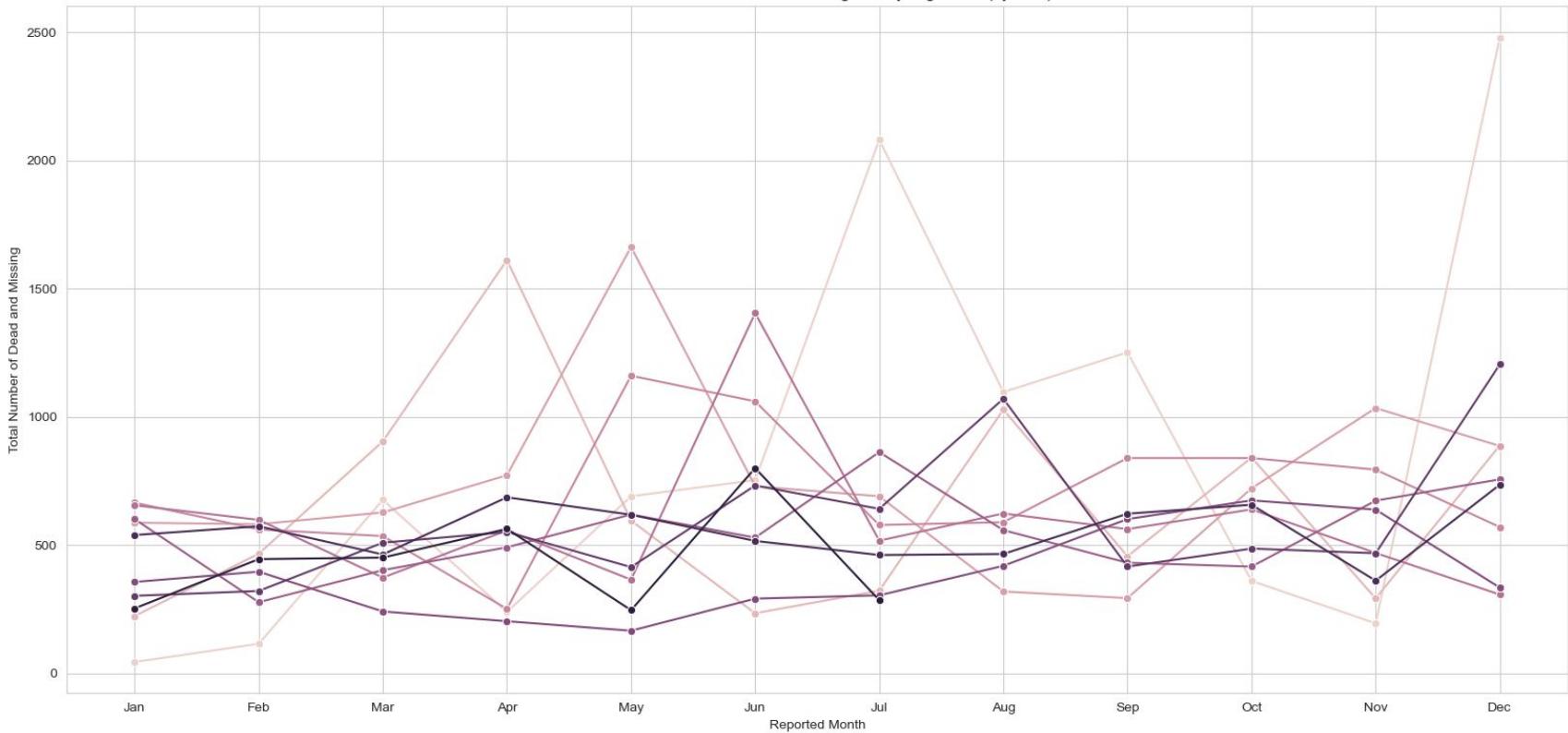


Number of Incidents by Season for the Central Mediterranean Route

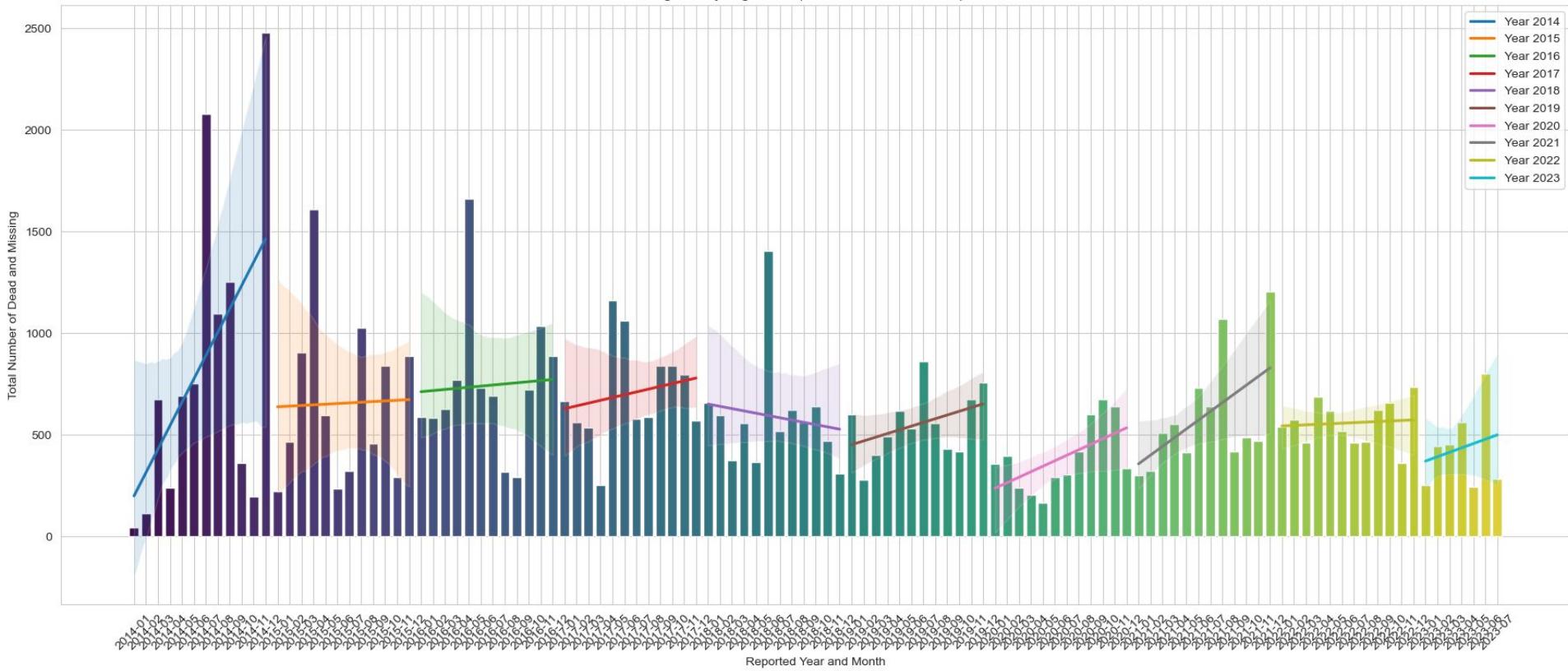


Year
2014
2015
2017
2018
2020
2021
2023

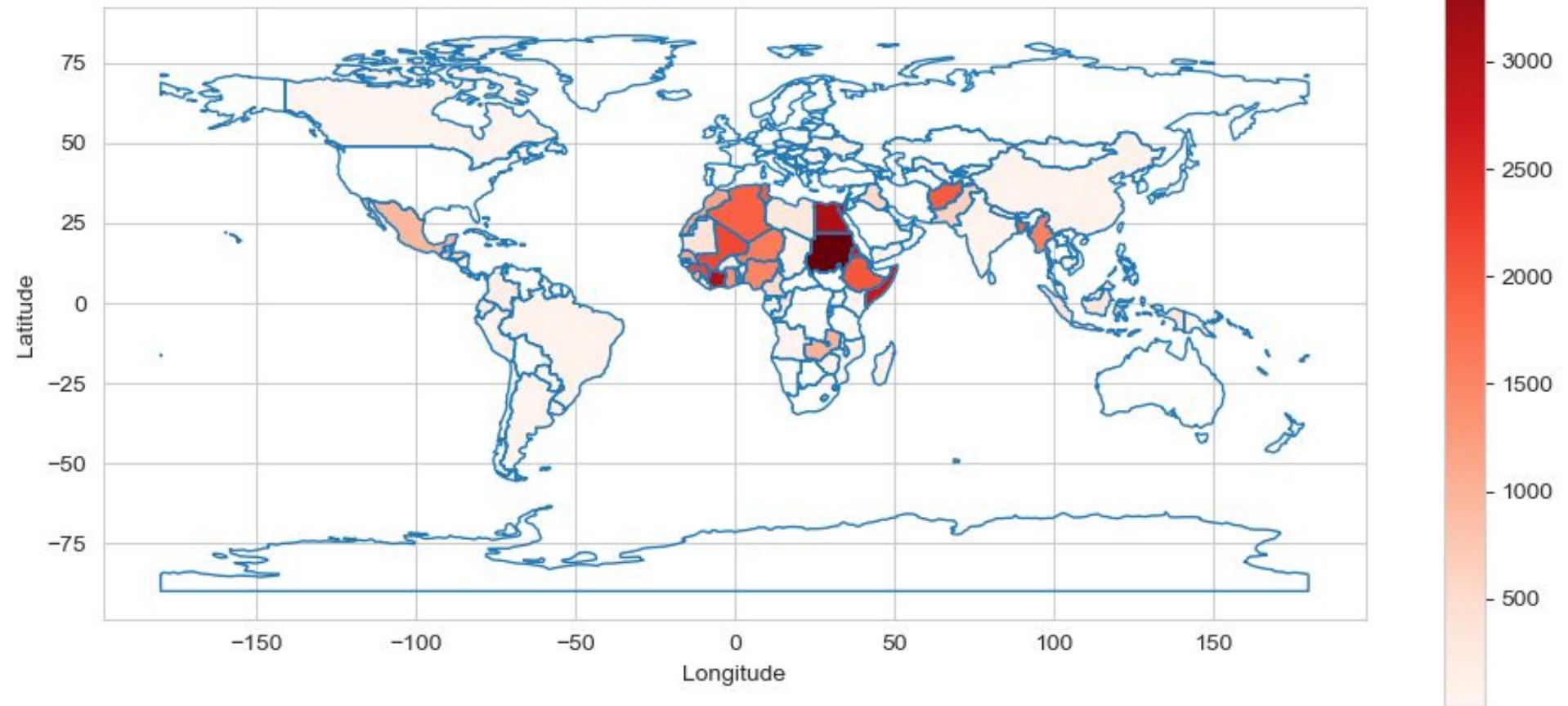
Seasonal Trends in Lives Lost During Deadly Migrations (by Year)

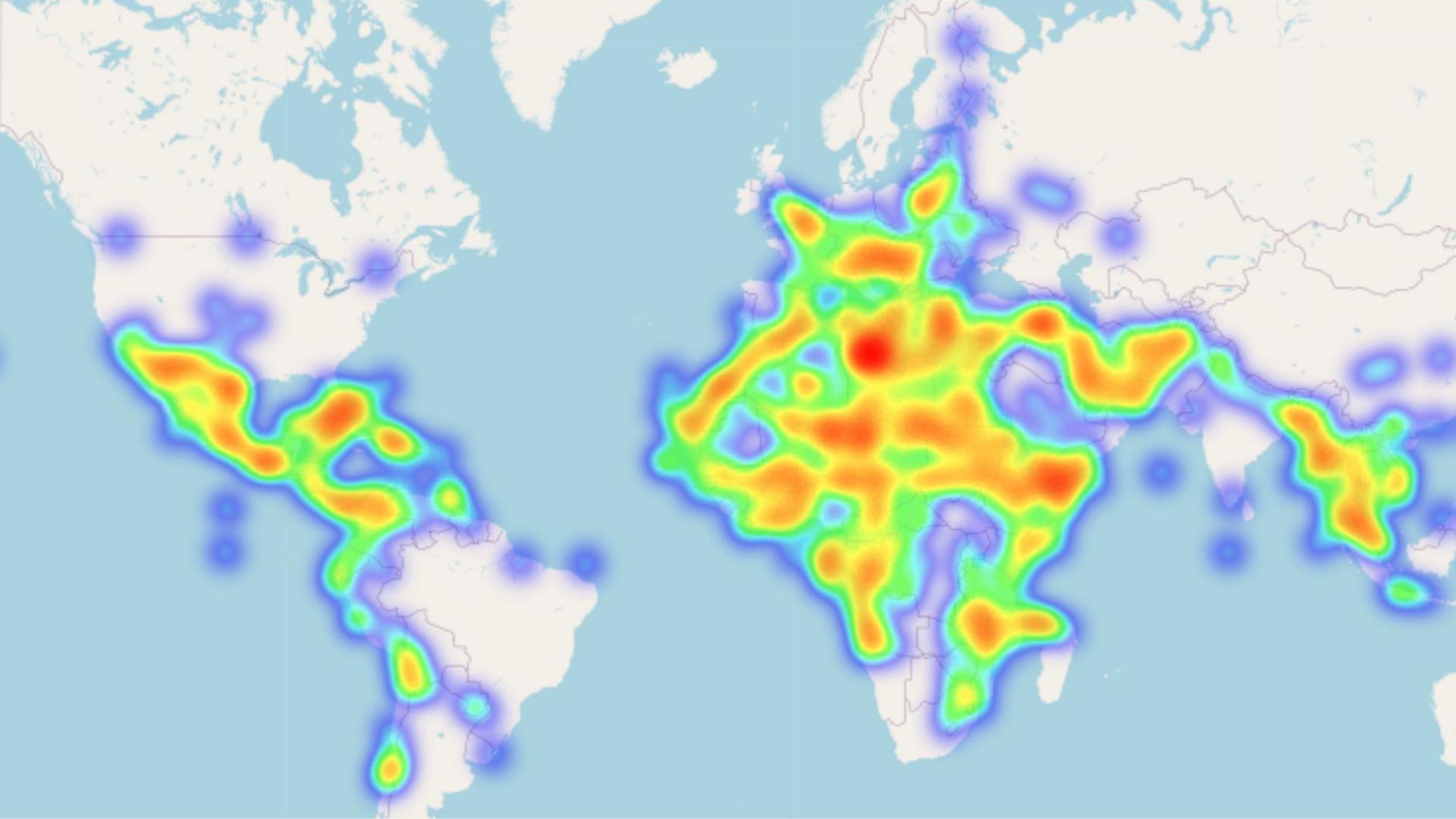


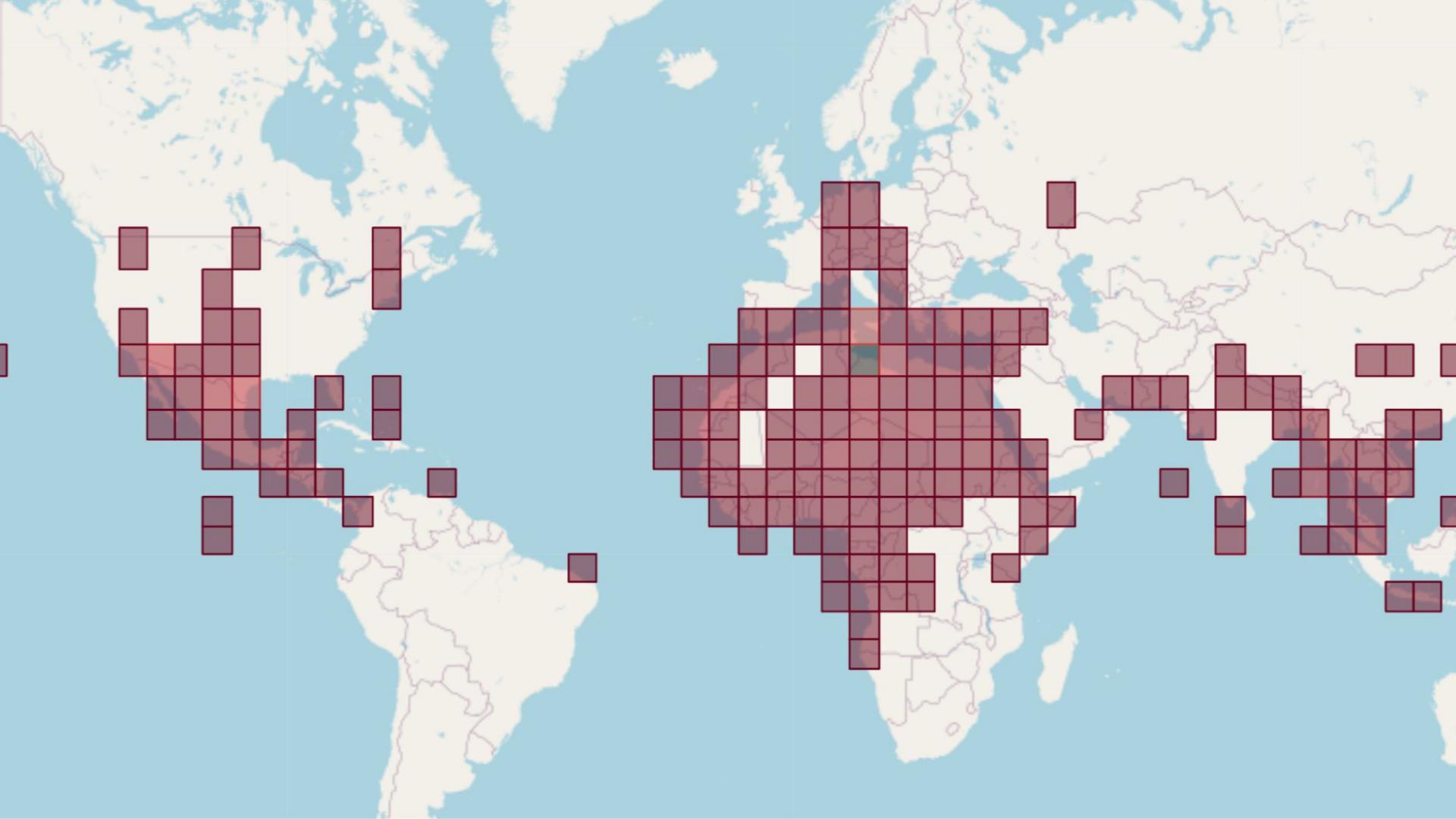
Distribution of Lives Lost During Deadly Migrations (Continuous Time Series) with Fitted Lines for Each Year



Most Common Countries of Origin for Migrants (Exploded Data)







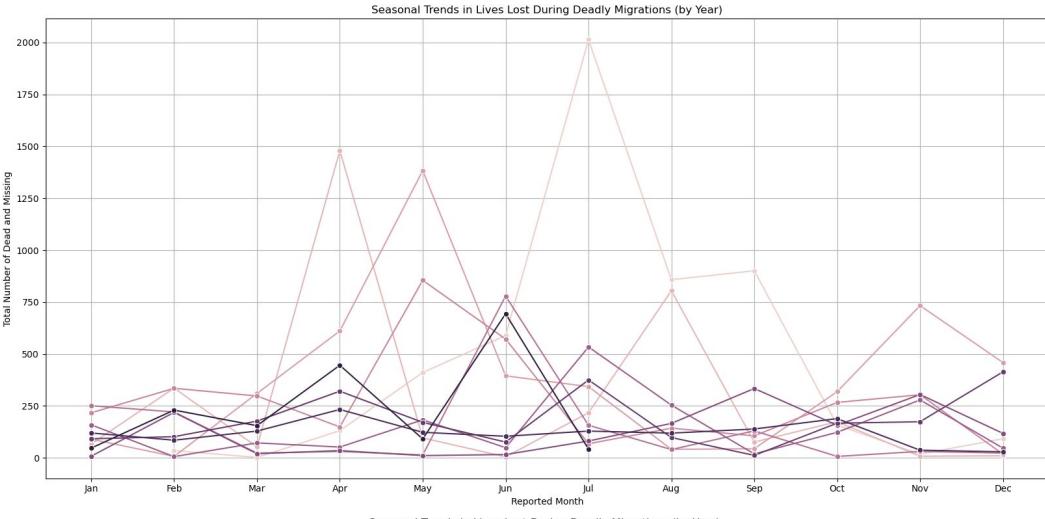
MEDITERRANEAN



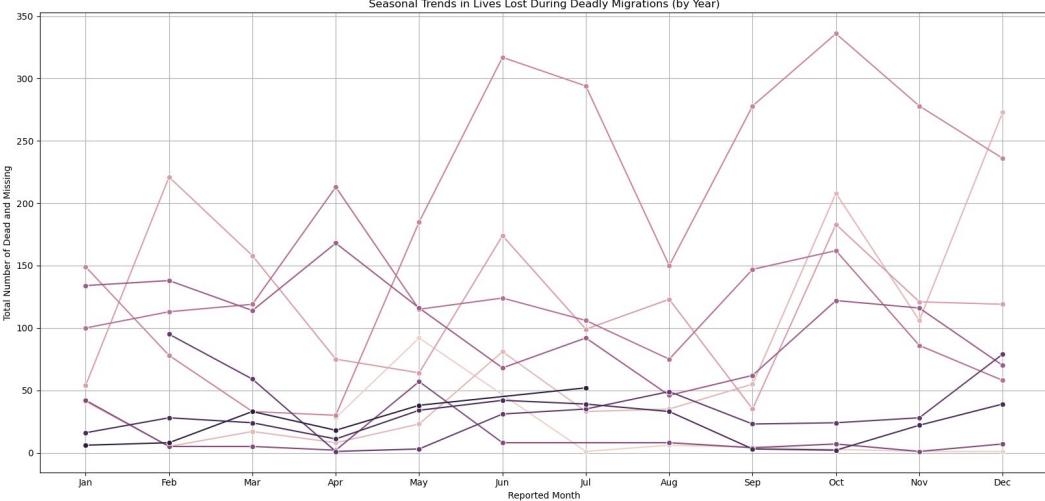
AFRICA



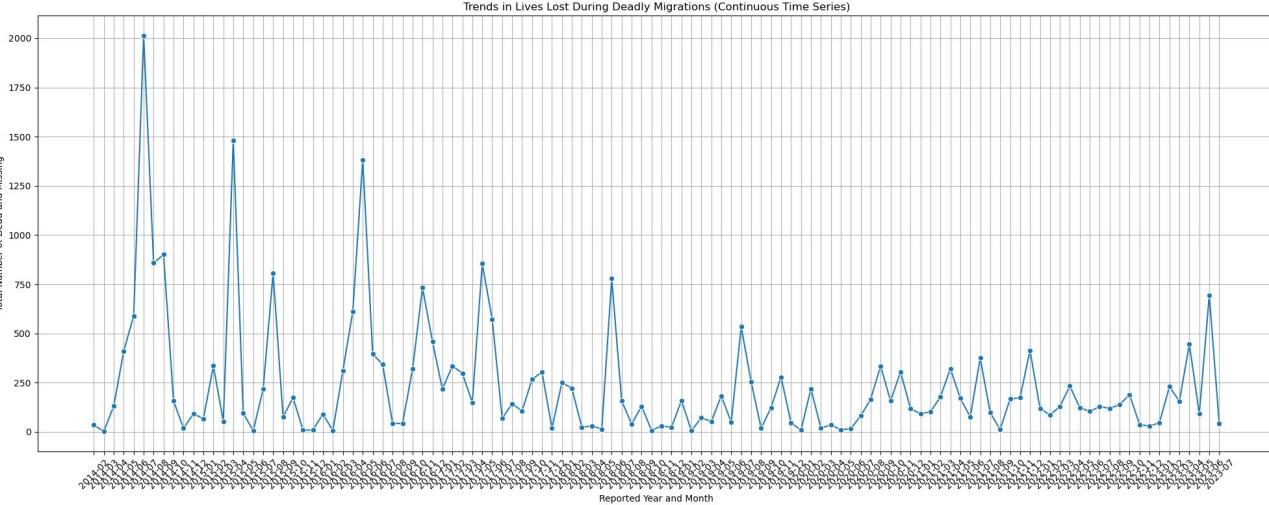
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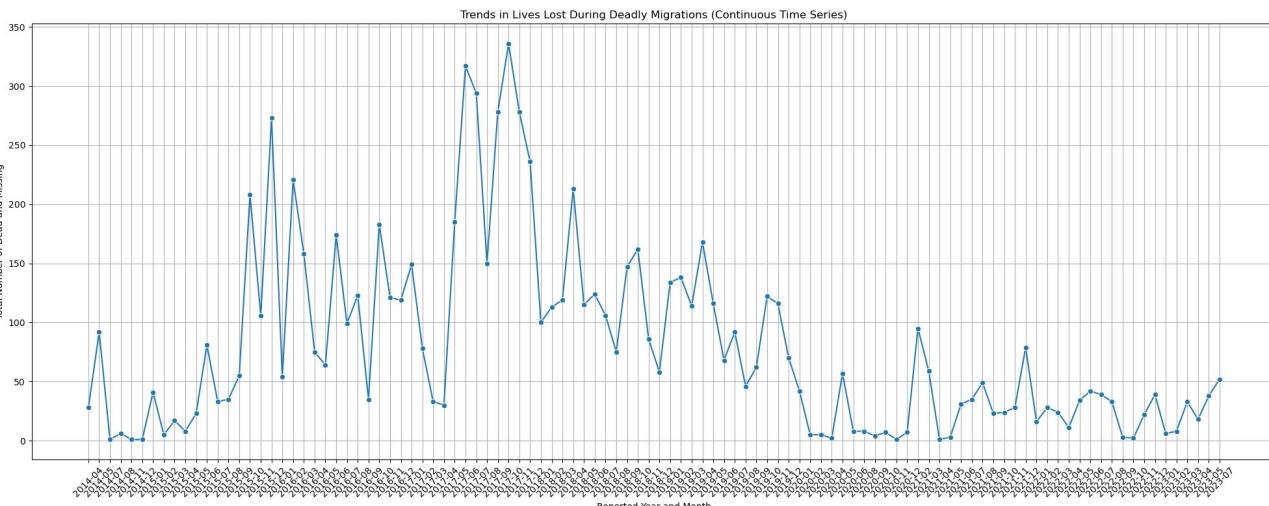
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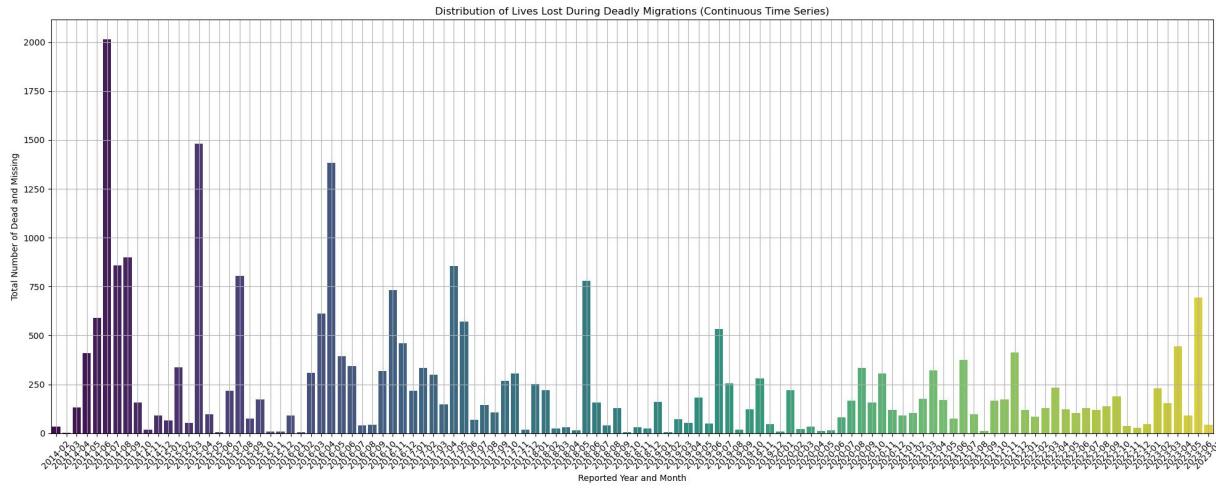
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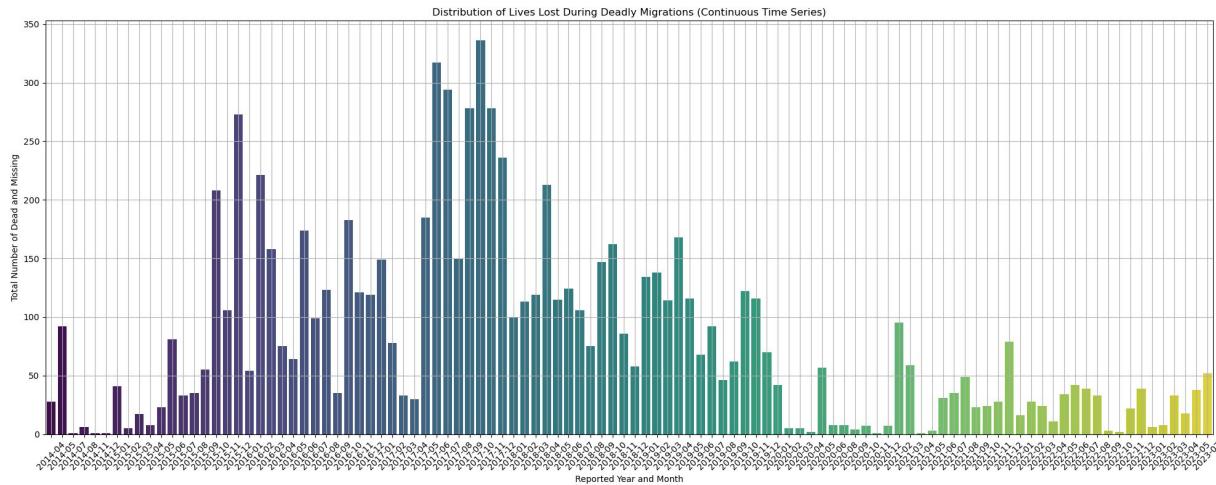
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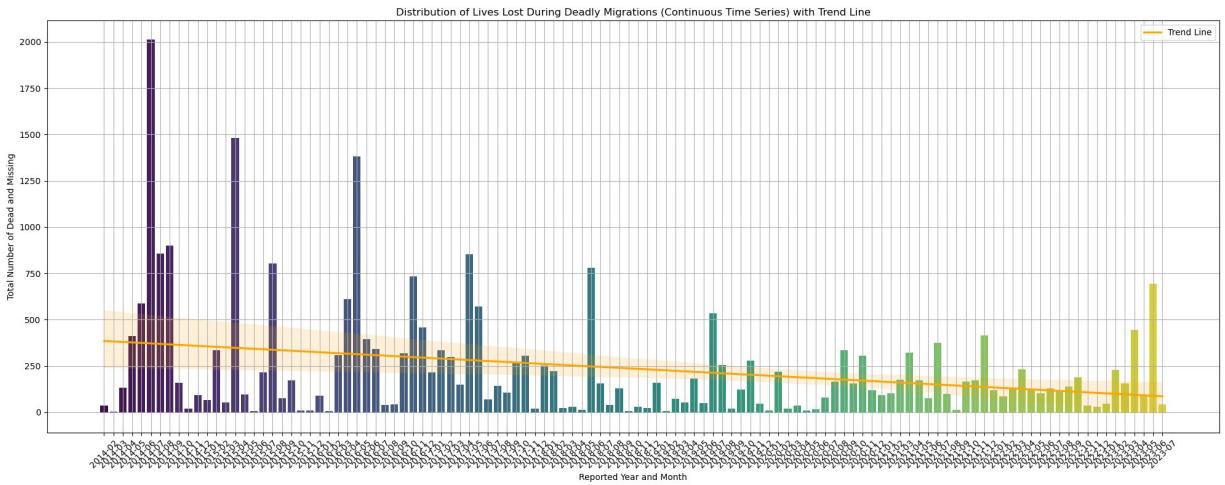
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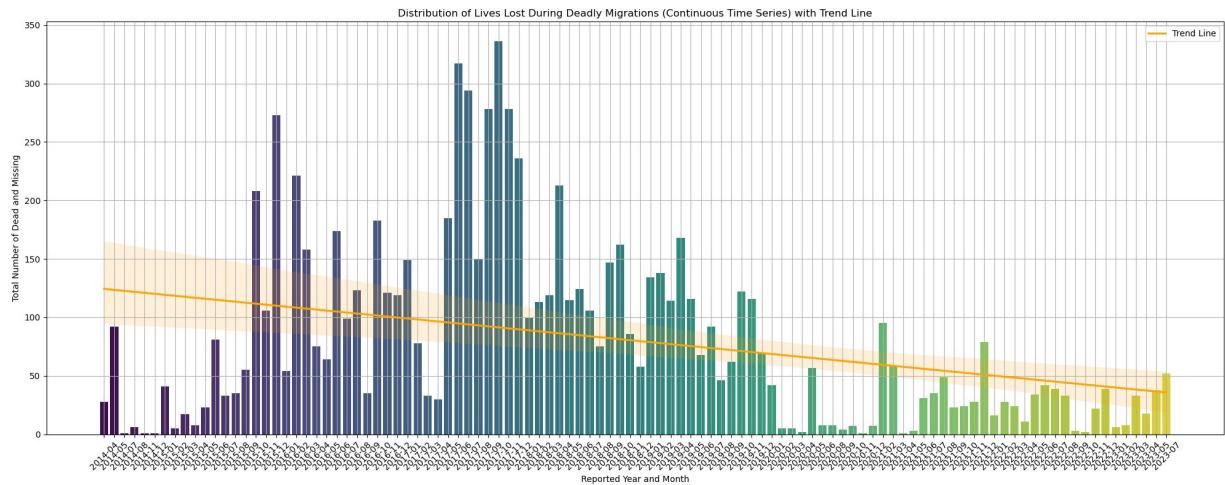
AFRICA



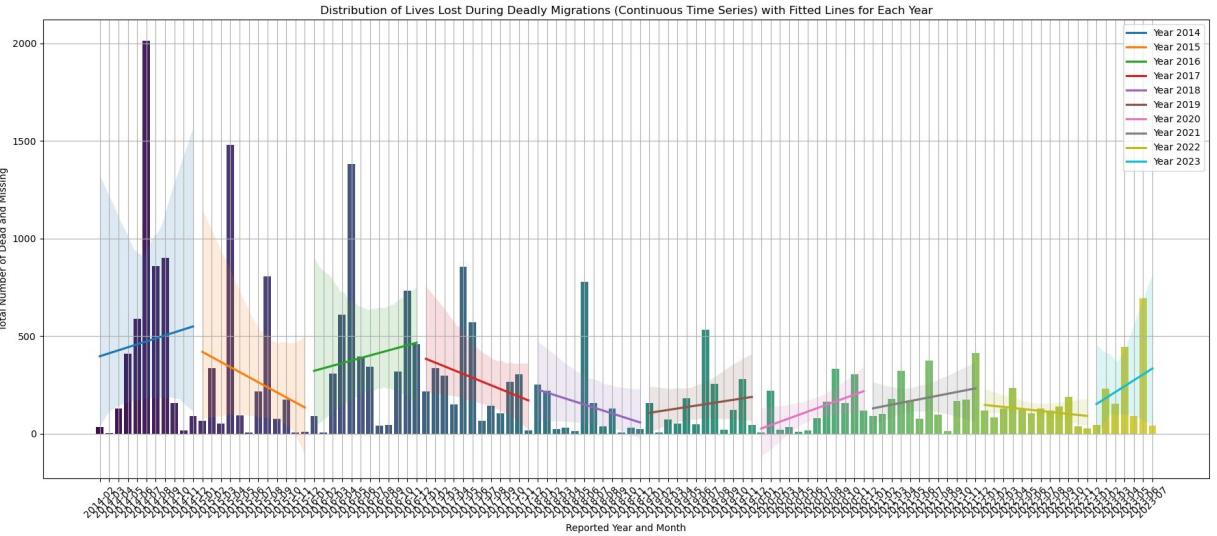
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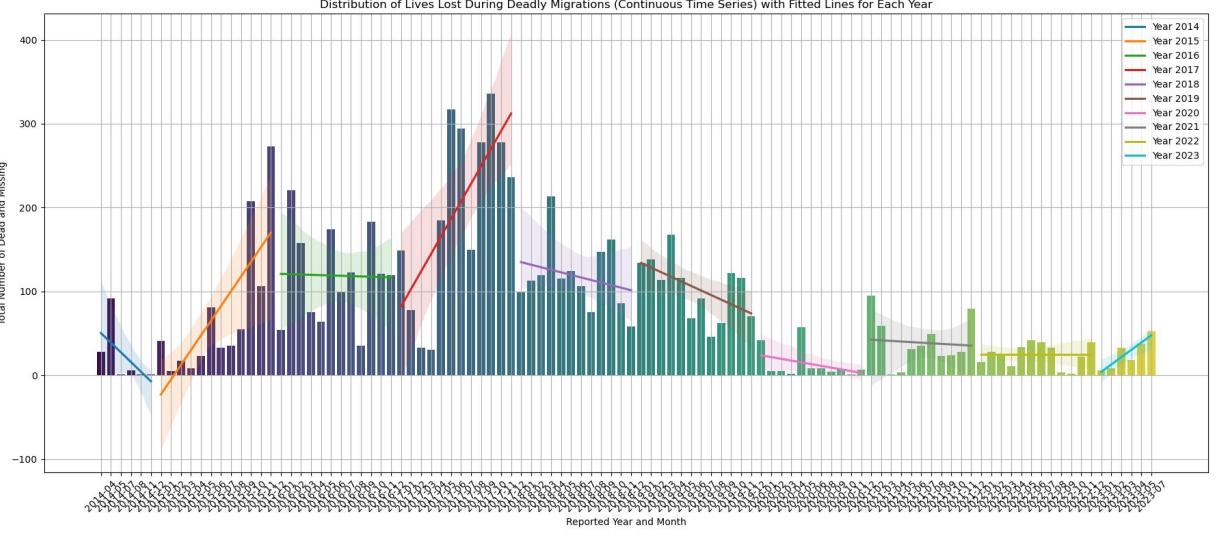
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MEDITERRANEAN

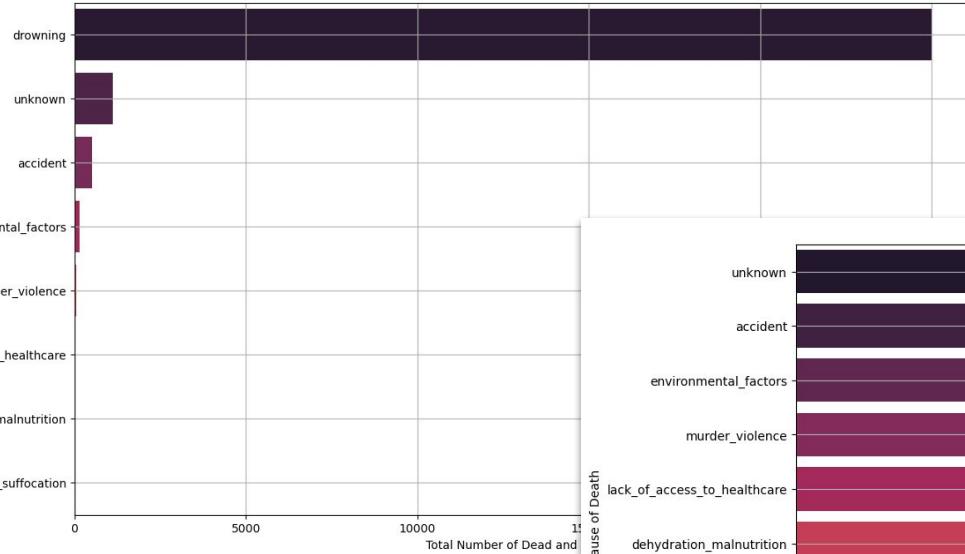


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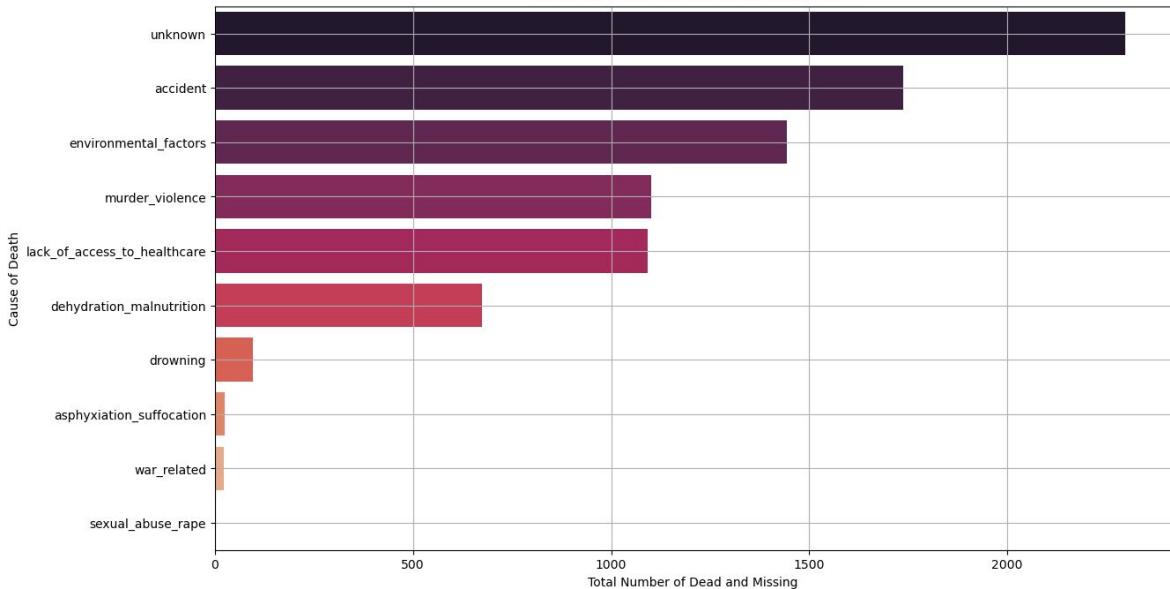
MEDITERRANEAN

Most Common Causes of Death on the Central Mediterranean Route

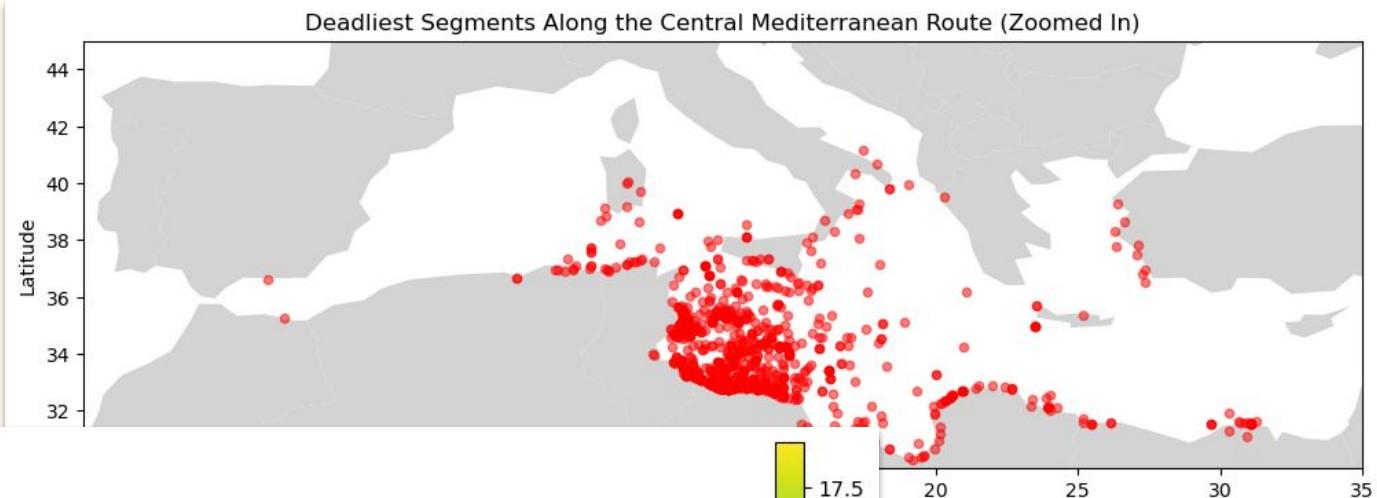


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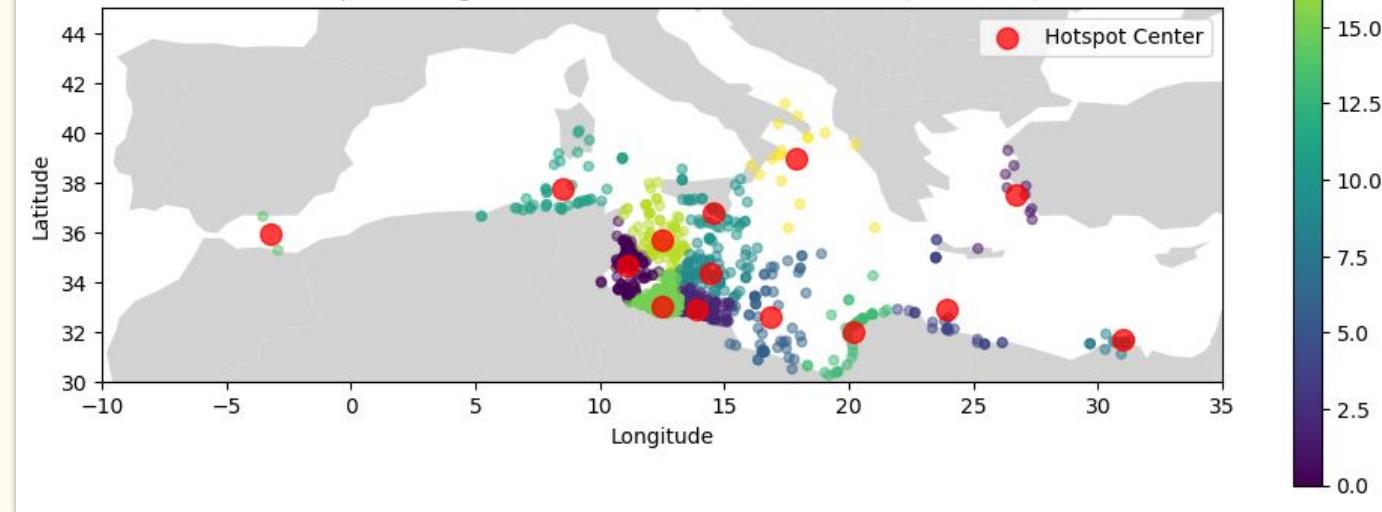
Most Common Causes of Death on the Route



MEDITERRANEAN

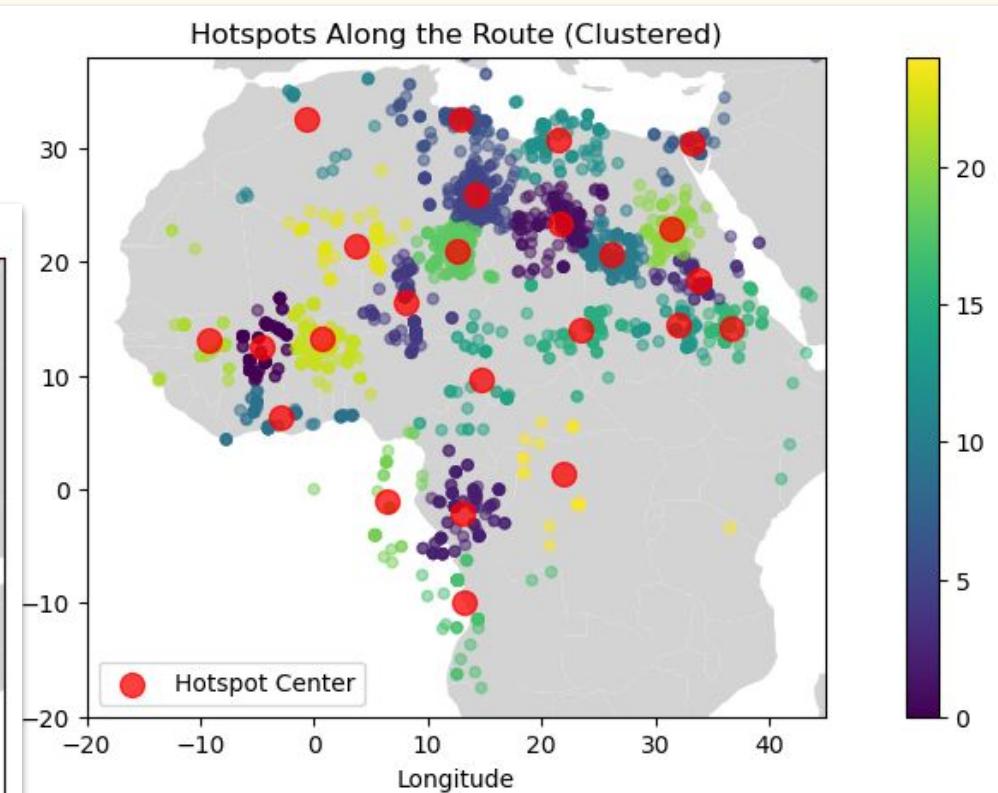
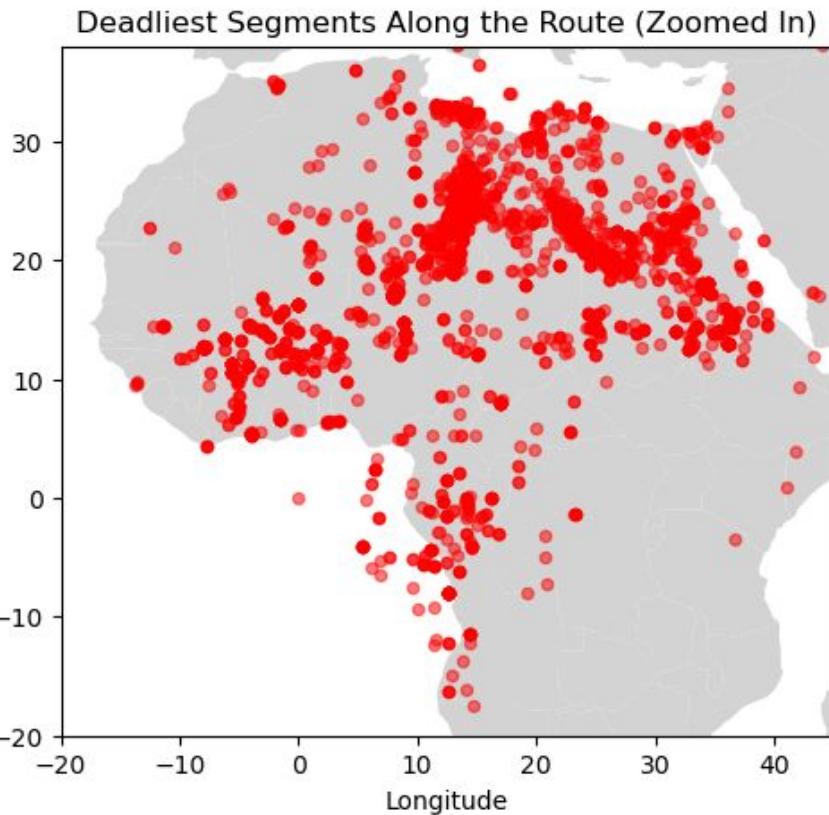


Hotspots Along the Central Mediterranean Route (Clustered)

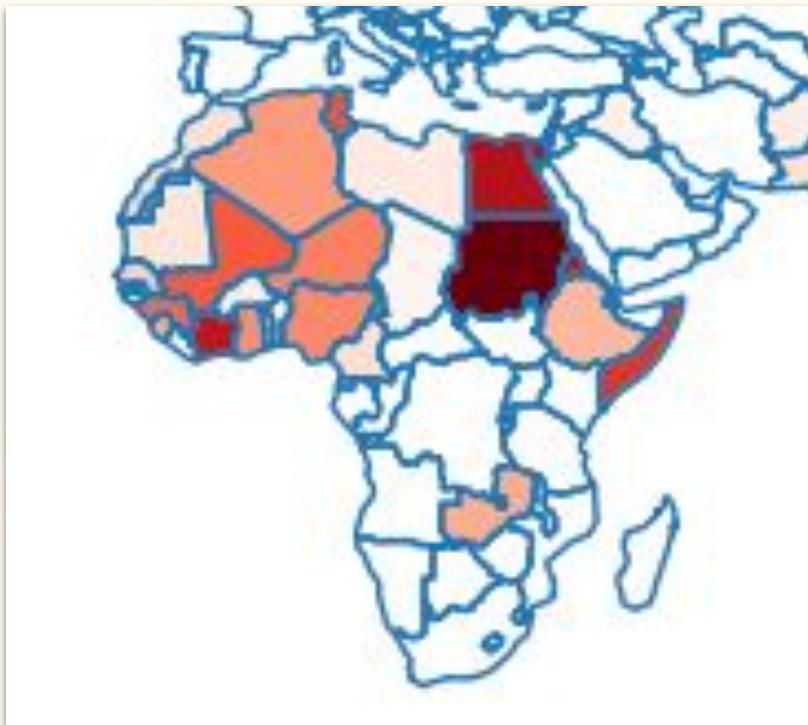


AFRICA

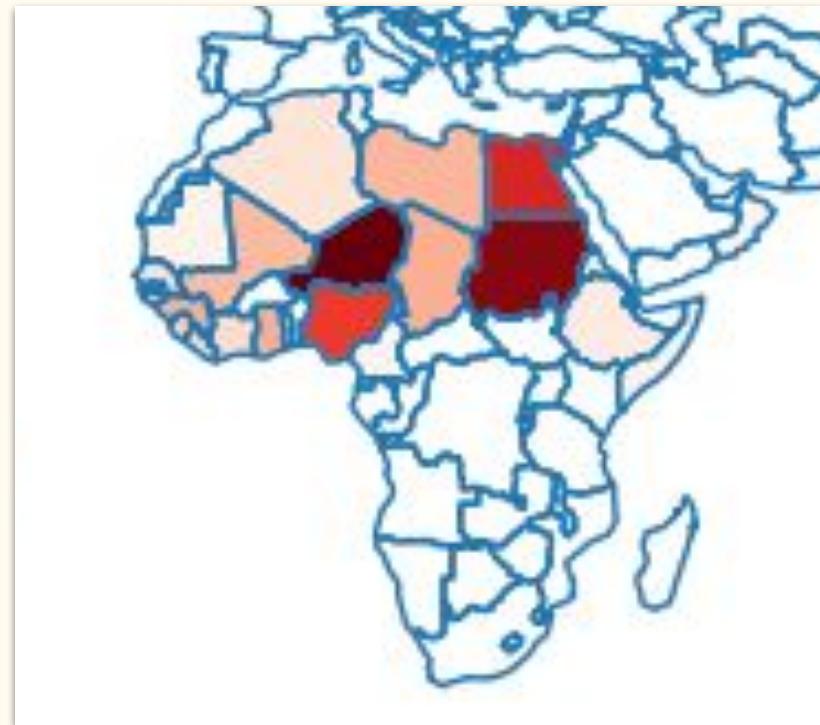
Latitude



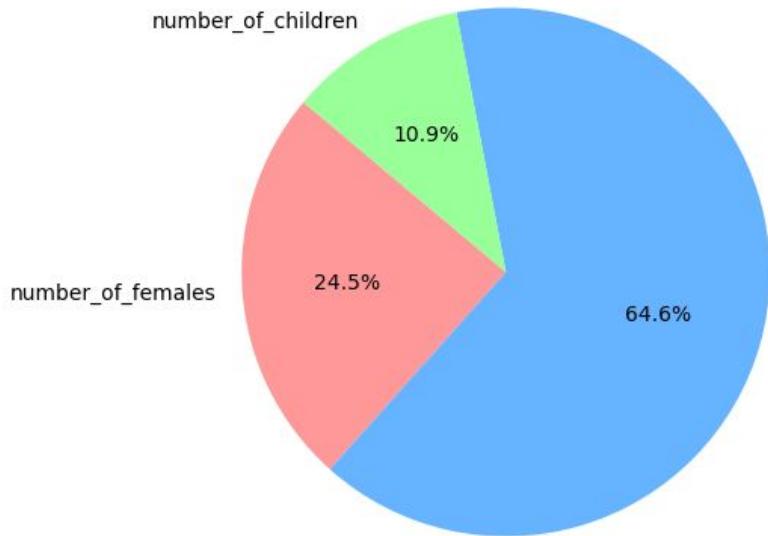
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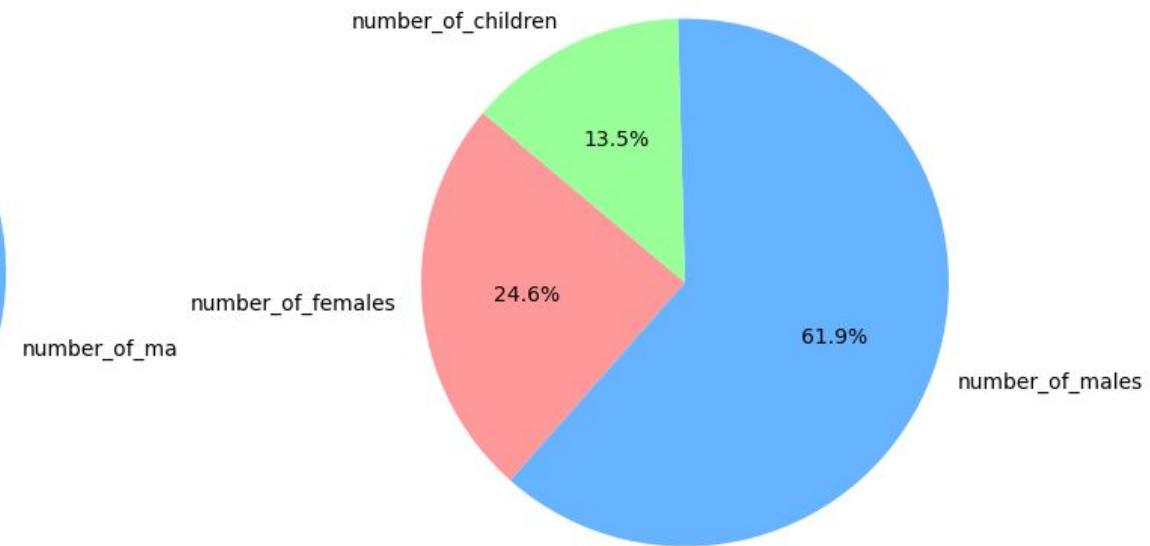
AFRICA



MEDITERRANEAN



AFRICA



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AFRICA

