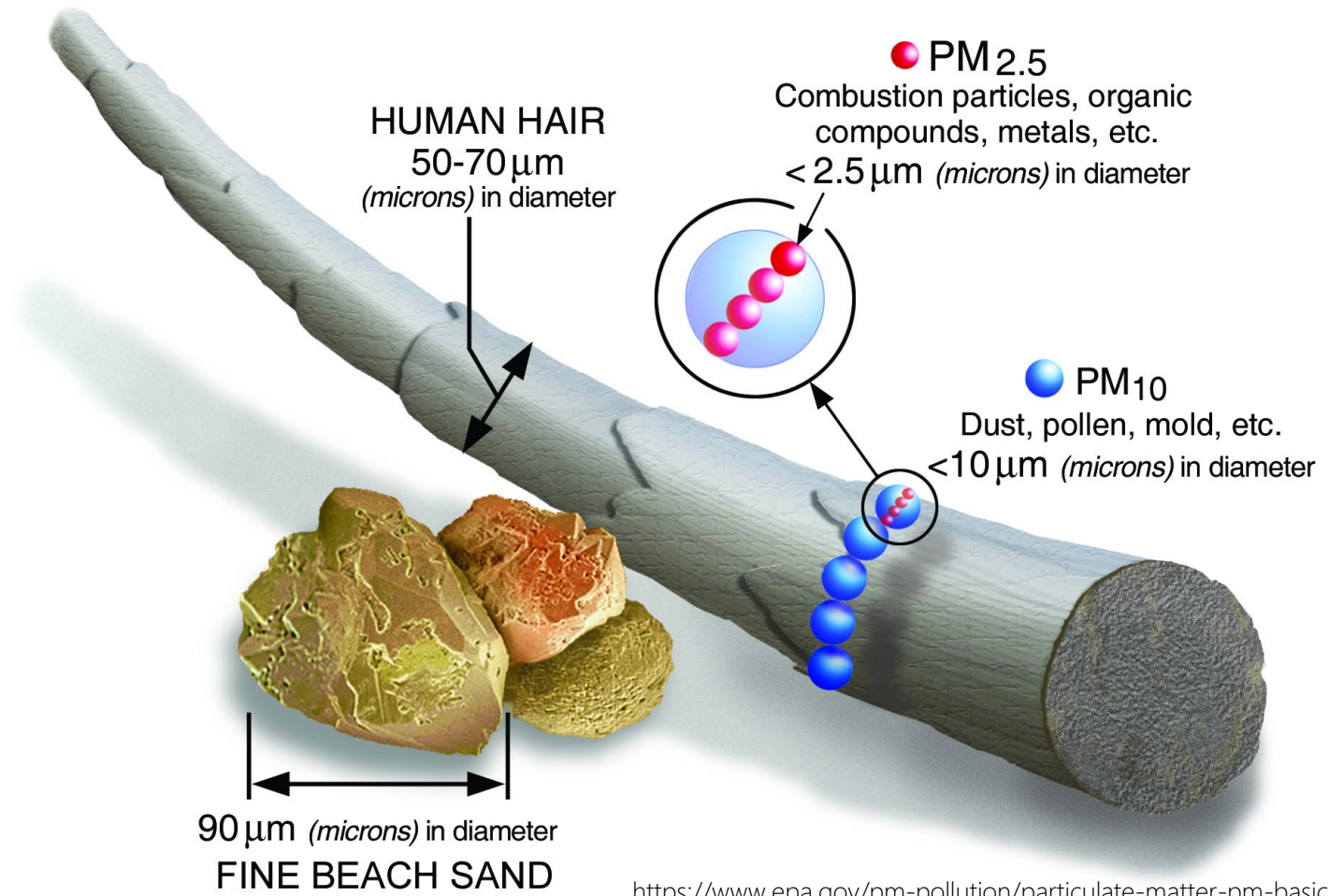
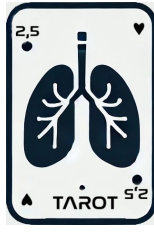
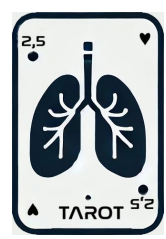


The PM_{2,5}



<https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>

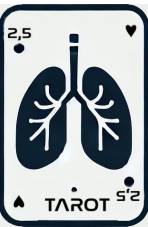




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The IDEA:

A Dashboard for visualizing premature deaths due to PM_{2,5} with a higher temporal and spatial resolution



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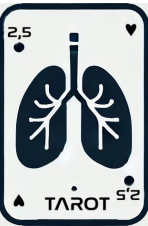
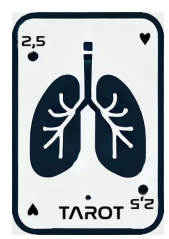
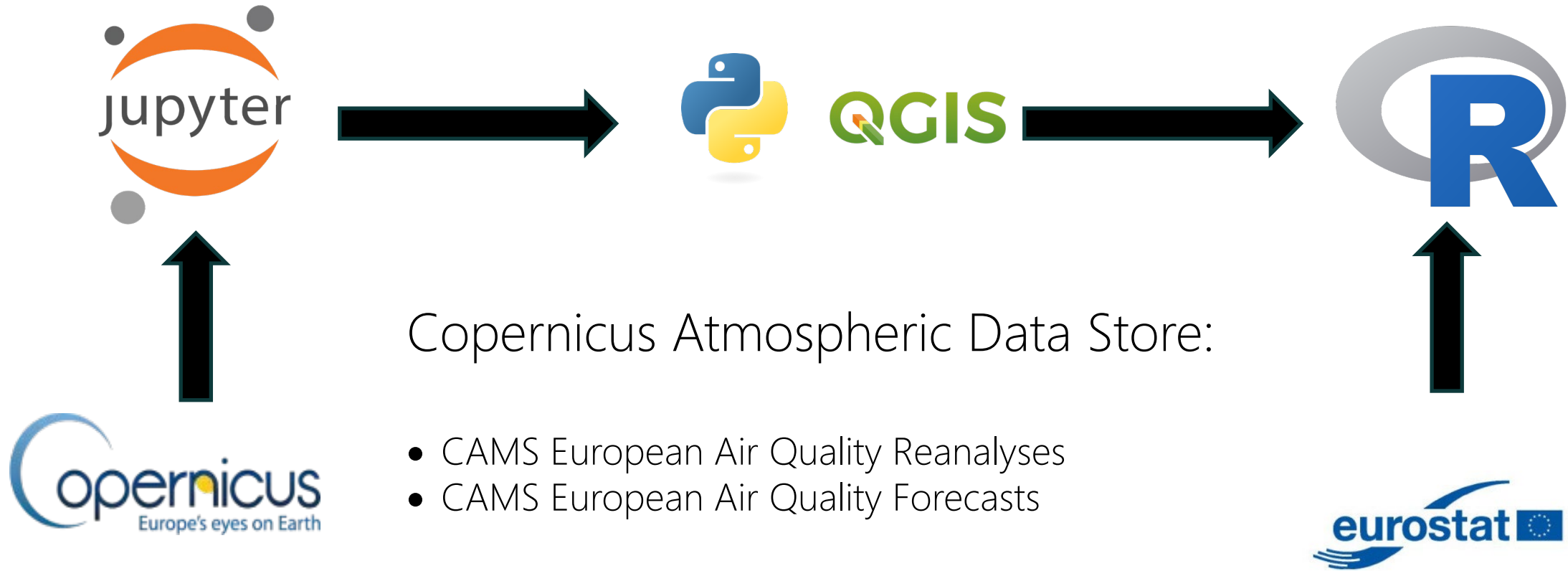
Earth Observation: from Space to European Statistics

Brussels, 6–11 March 2025



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Workflow

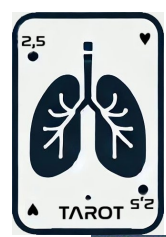


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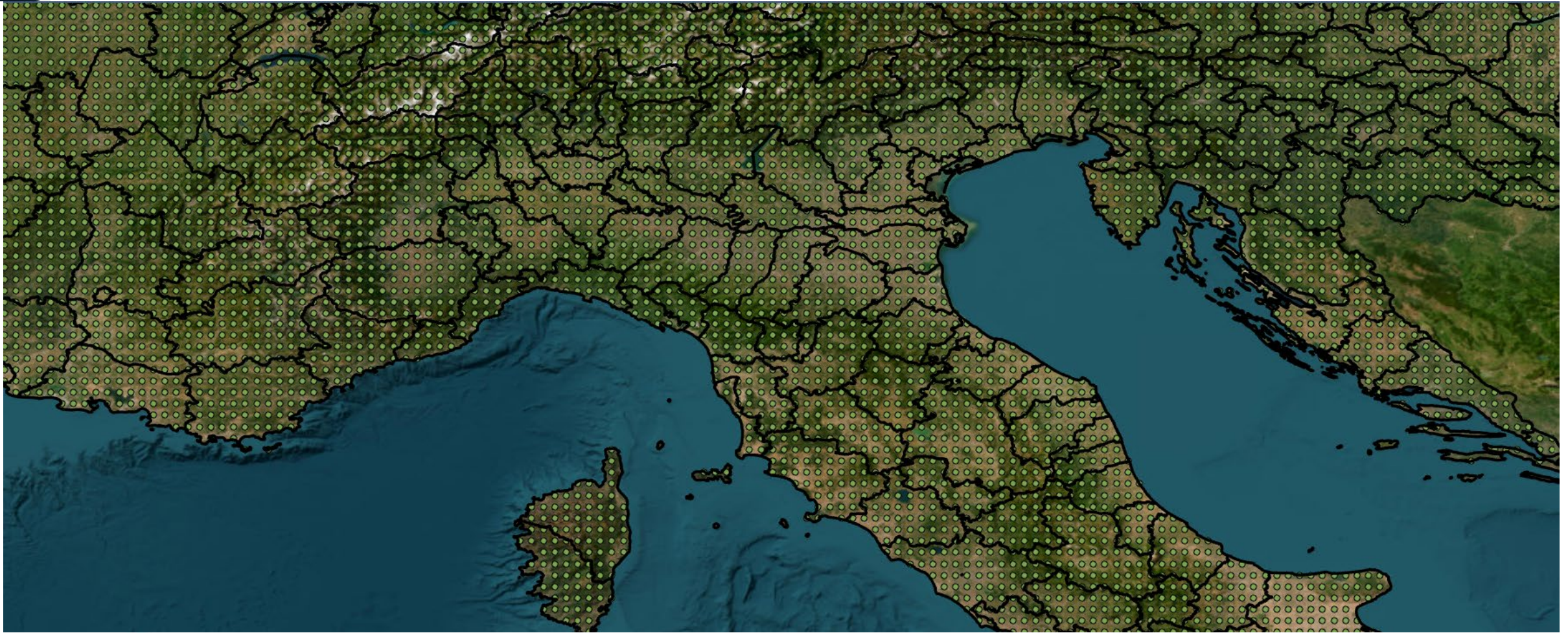
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Number of Dangerous Days per Year



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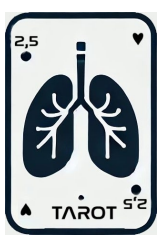
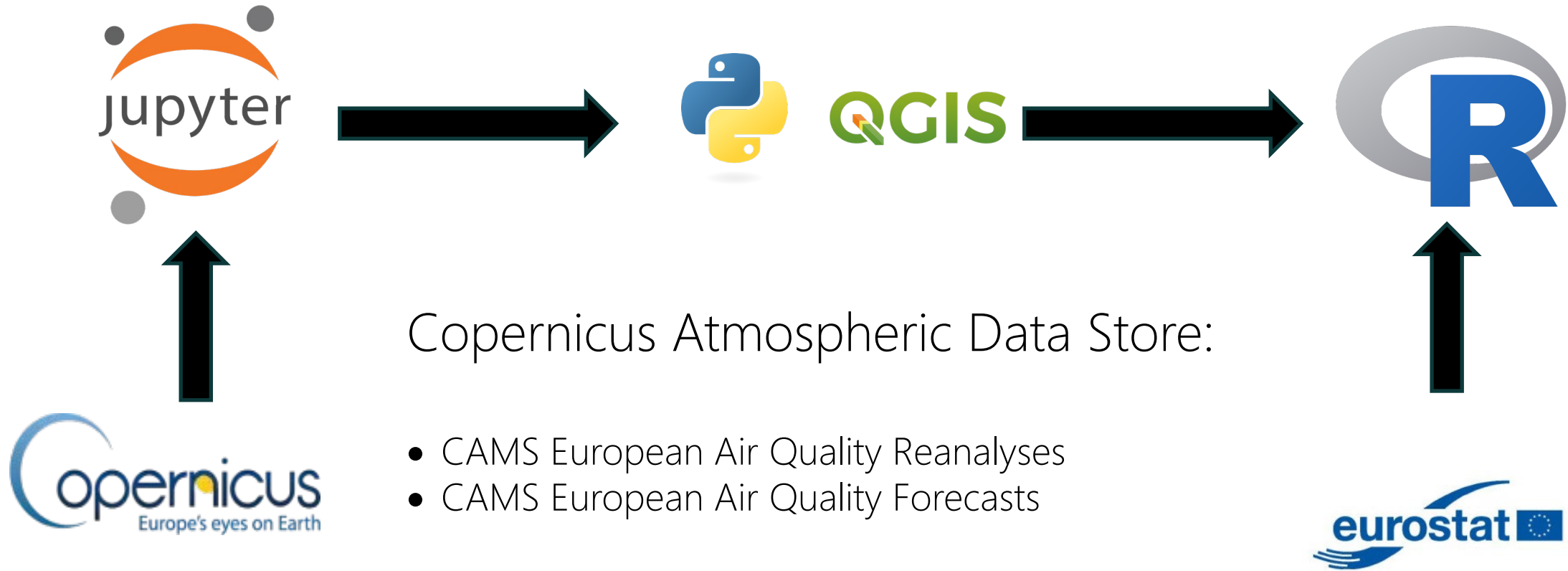
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Workflow

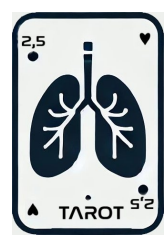


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Earth Observation: from Space to European Statistics

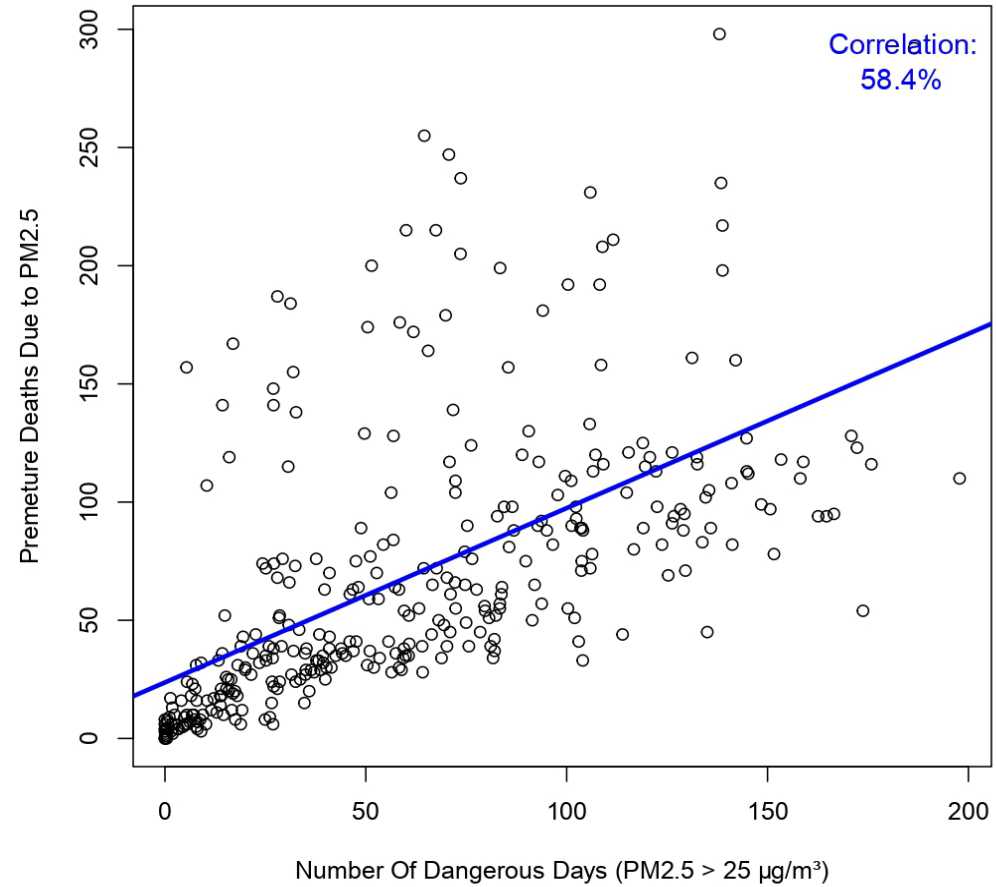
Brussels, 6–11 March 2025





Correlation Investigation

PM2.5 > 25 µg/m³
Dangerous Days (Vs) Premature Deaths



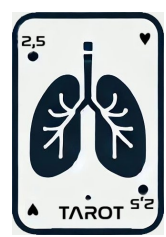
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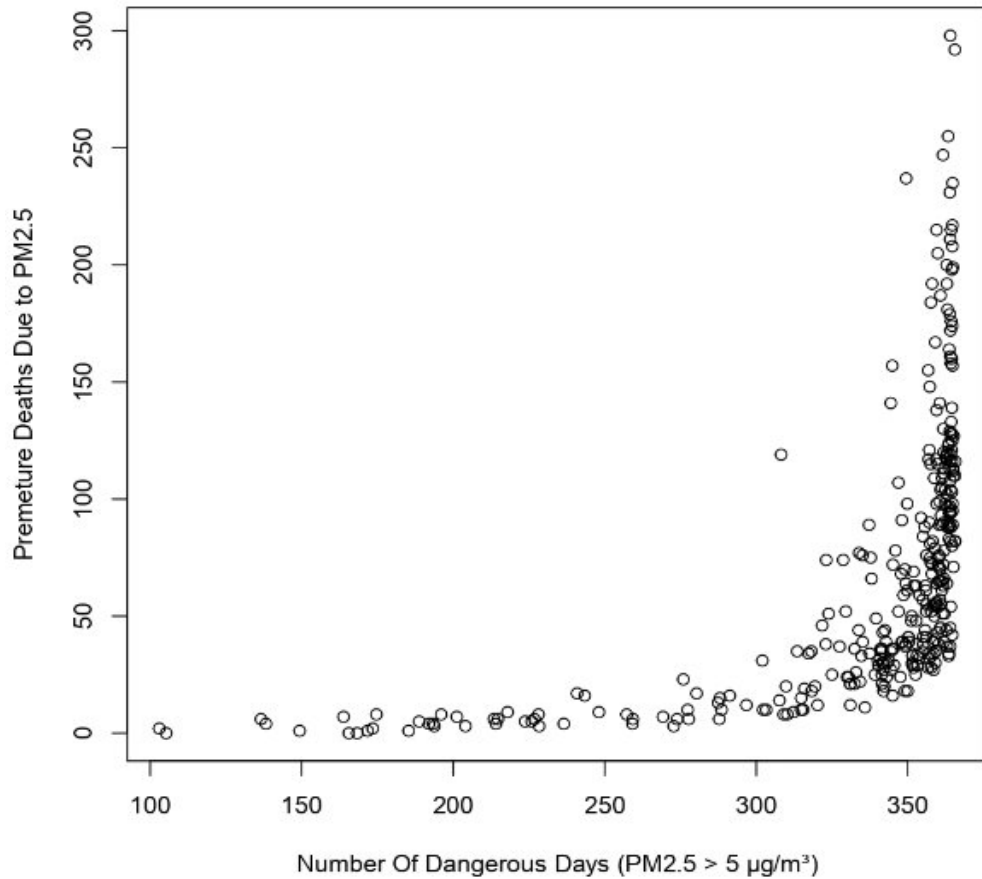


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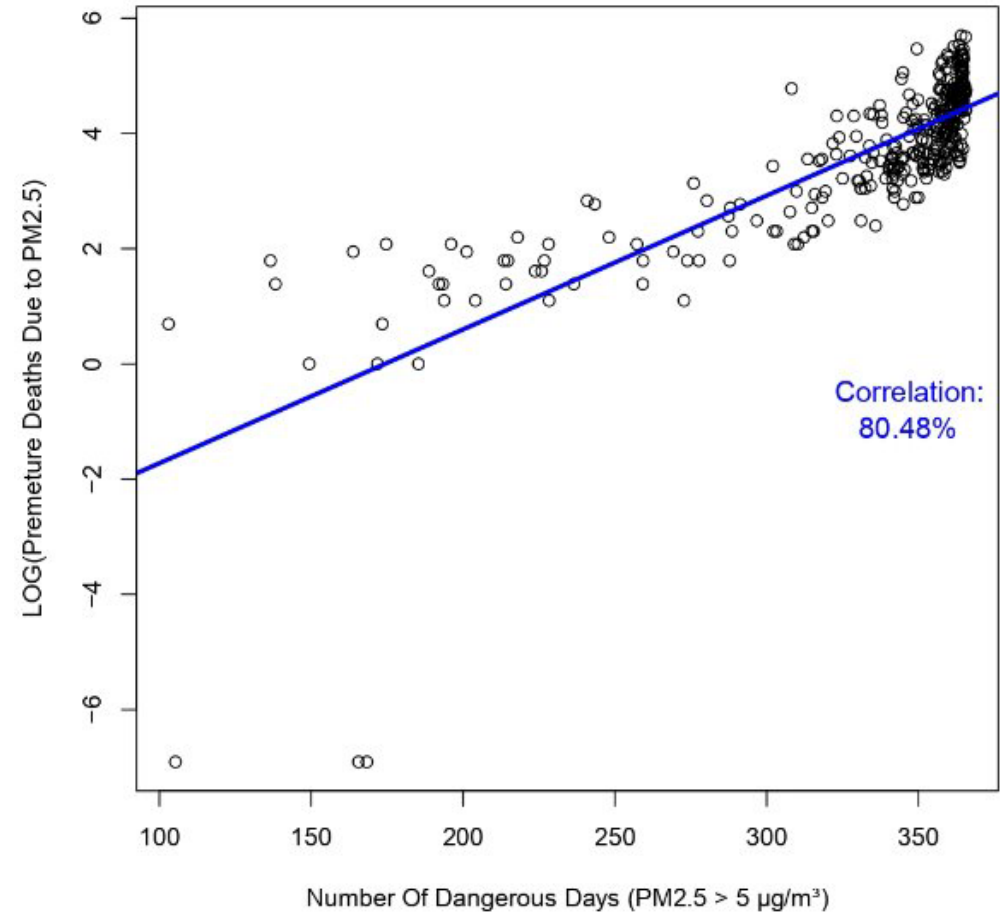


Correlation Investigation

PM2.5 > 5 µg/m³
Dangerous Days (Vs) Premature Deaths



PM2.5 > 5 µg/m³
Dangerous Days (Vs) LOG(Premature Deaths)



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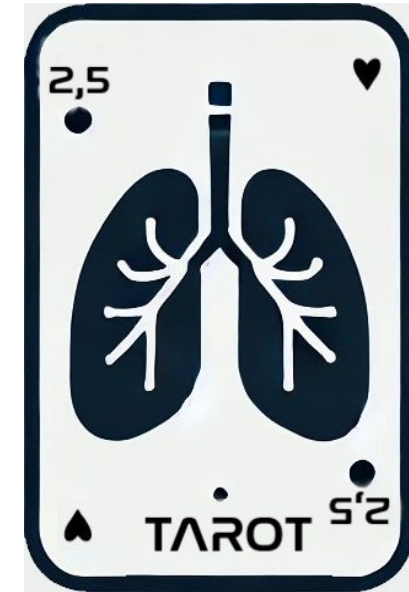
Workflow



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The AiR Out There

Leaflet Map

Month:

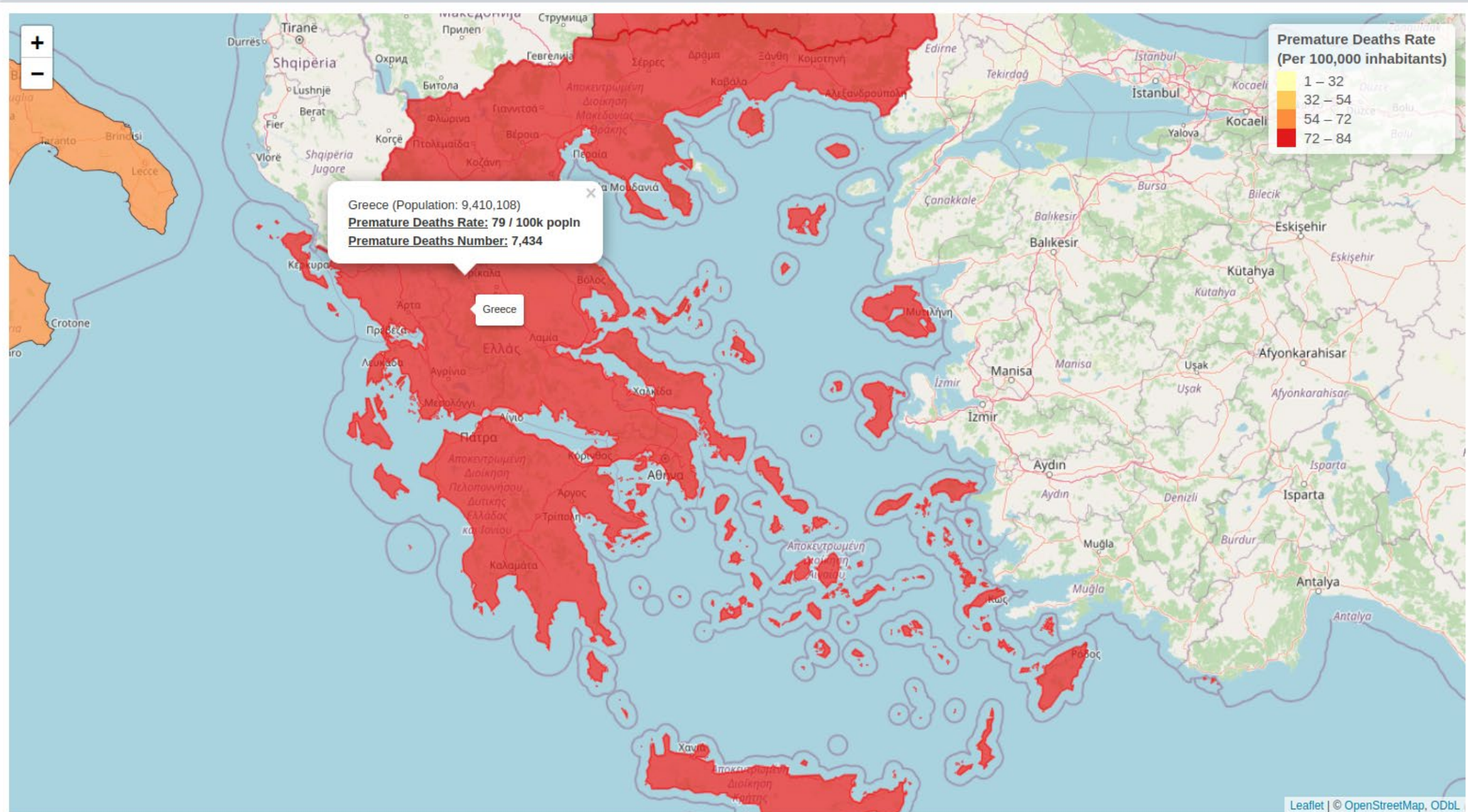
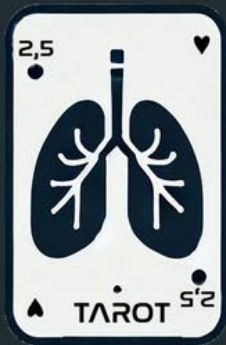
2024-12

Country:

Greece

NUTS Level:

NUTS0



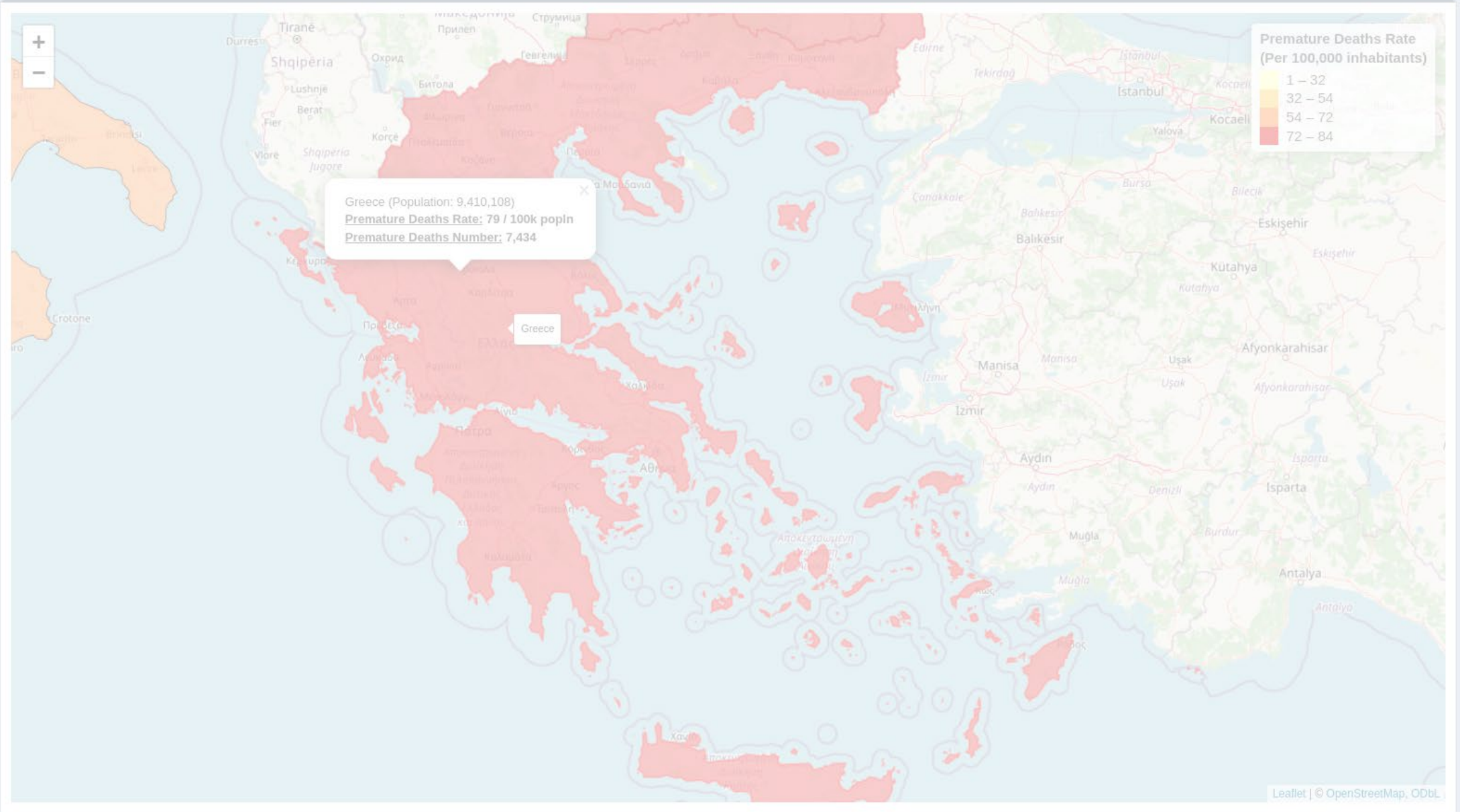
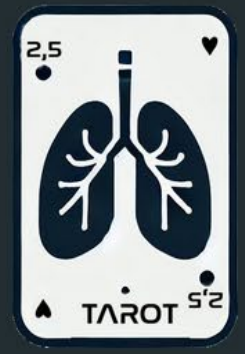
The AiR Out There

Leaflet Map

Month: 2024-12

Country: Greece

NUTS Level: NUTS3



TAROT

The AiR Out There

Leaflet Map

Month: 2024-12

Country: Greece

NUTS Level: NUTS3

