TITLE OF INTERESTING PROJECT – EARLY RESULTS

Student Name

Presentation Date

## REVIEW THE RESEARCH QUESTION & PROJECT POSITIONING

- This paper aims to measure uses for olive oil throughout the Mediterranean world
- The paper asks how many liters of olive oil are consumed on average per person across 7 Mediterranean countries.
- The paper also constructs average oil consumption over time, from 1910 to today.
- Previous research focused on consumption of tomatoes and cheese in the Mediterranean world (Reference 1, Reference 2)
- But it was not known how much olive oil was consumed, despite olive oil's desirable medicinal properties (Reference 3)

PRESENTATION OF THE RESEARCH METHODOLOGY

1. Compute the number of liters of olive oil consumed per country
2. Assess the number of adults and children consuming olive oil
3. Repeat for all 7 countries and all years 1910–2024
4. Develops new formula to aggregate consumption:

$$1 + \lambda \exp\left(\frac{\beta}{\alpha^2}\right) = \max_{t \in \mathbb{R}}\left(x(t) - y(t) + z(t)^2\right) - 2\exp(\Gamma)\exp(\zeta)\exp(\kappa)$$

PRESENTATION OF RAW DATA (INSTITUTE OF OLEIC SCIENCE 2023 & UNITED NATIONS 2020)

Olive Oil Consumption in Major Mediterranean Cities (2025)
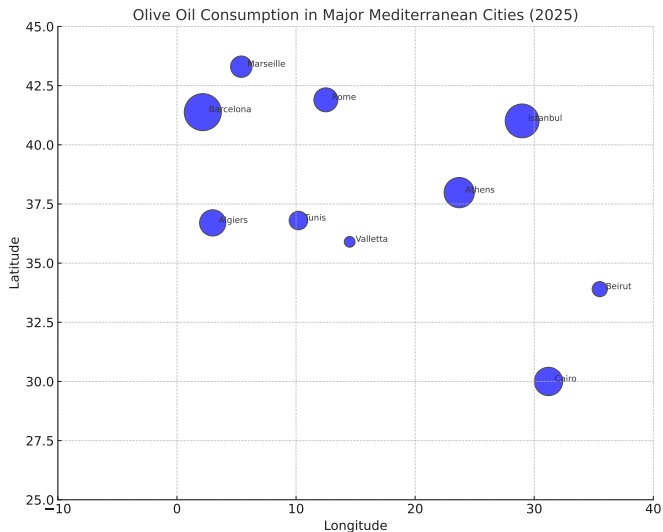
PRESENTATION OF EARLY RESULTS: TIME SERIES

Olive Oil Consumption per Adult
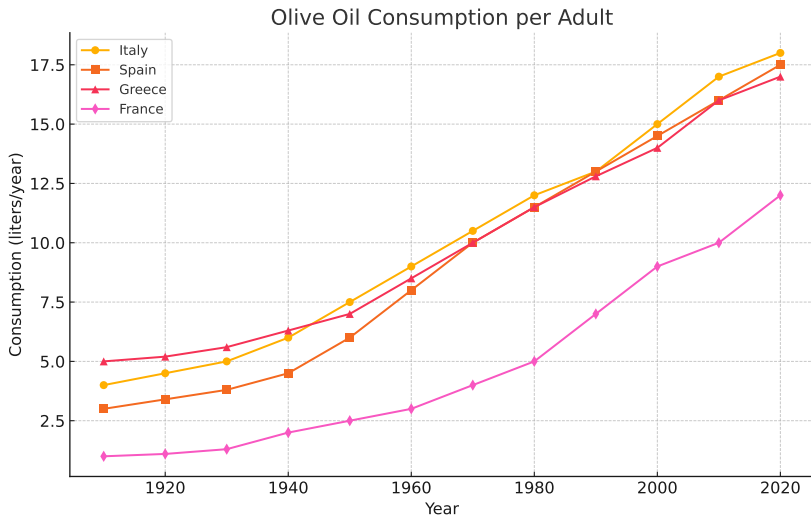
PRESENTATION OF EARLY RESULTS: NUMBERS

Country	Olive oil consumption per person per year (liters)			
	Men	Women	Children	Weighted average
Italy	12	11	4	8.2
Spain	10	9	3	7.1
Greece	11	10	4	7.8
Egypt	2	1.5	0.5	1.3
Lybia	3	2.5	1	2.0
Tunisia	5	4.5	2	3.8
Morocco	4.5	4	1.5	3.3

CONCLUSION: HURDLES & NEXT STEPS

- Hurdle 1: Difficult to find population data for Italy during World Wars
- Hurdle 2: Aggregate formula does not work well if population sizes vary significantly
- Hurdle 3: Only total oil consumption is availble for Tunisia
    - Extrapolation required
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