

# Exploring Migratory Movements in the Late Ottoman Empire (1838 - 1858)

This study examined **Greek Orthodox communities** using a dataset from **Ottoman census records** (Defters) in Tatavla, a historic neighborhood in Istanbul, Türkiye. The study focuses on **frequency** and **bivariate** analysis regarding **people’s movements**. The data posed challenges in **format** and **language**. To overcome these, **large language models** (LLMs) and **geocoders** were used in a semi-automated data cleaning process, including standardizing data formats and identifying names of location destinations,, with corresponding coordinates. Places of origin coordinates were manually extracted using Google Maps.\* Destination coordinates were obtained using Geopy.

This study is part of **İstanΠόλις Collaborative’s Ottoman Census Registers project** at **UC Berkeley**.

