

VISUALIZING HISTORY IN TATAVLA: INSIGHTS FROM OTTOMAN CENSUS RECORDS (1838 - 1858)

This study analyzed a combined dataset on **Greek Orthodox communities** in Tatavla, a historic neighborhood in Istanbul, Türkiye. The dataset includes **8,989 Ottoman census records (defter 248 + defter 73)** from **1838-1858**, providing information on **places of origin, professions, tax status, names, physical features**, and **illnesses**. The data contain some gaps. To address these gaps, a semi-automated and manual cleaning process was performed, including deleting **empty rows**, deleting **special characters**, and adjusting **data formats**. Only one value was retained in cases of double values in the records. After the cleaning process, **frequency** and **bivariate** analyses were performed and **visualization** are showed below.

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



Places of Origin

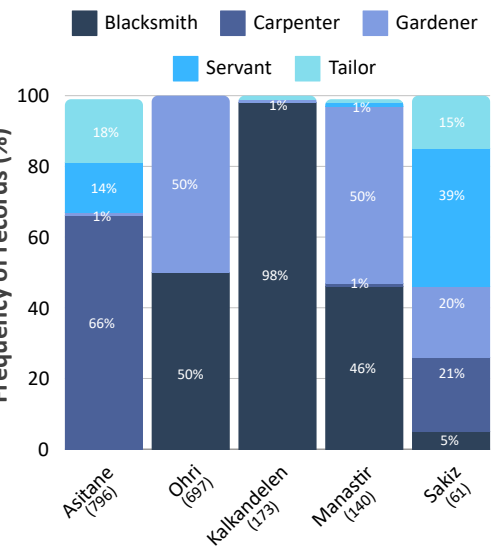
1

341 different places of origin.

The most common **places of origin** are **Asitane** and **Ohri**.

Asitane is currently known as **Istanbul**. Kalkandelen (Tetovo), Manastir (Bitola), Sakiz (Chios).

Top five professions by top five places of origin



Top five places of origin

Percentages were calculated using a subset including **top five profession** and **top five places of origin** (1,867 records).

Professions

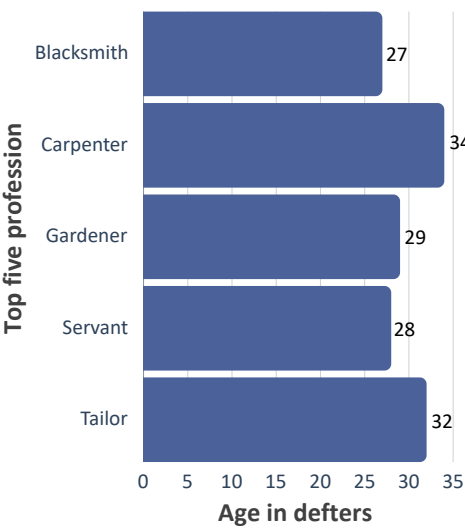
2

403 different professions.

98% of those from **Kalkandelen** were **Blacksmiths**.

The average age of **blacksmiths** was **27** years old.

Average age of people by top five professions in defters



Most people were **Blacksmith** (Demirsi) and the **average age** for that profession was **27** years old.

Tax Status

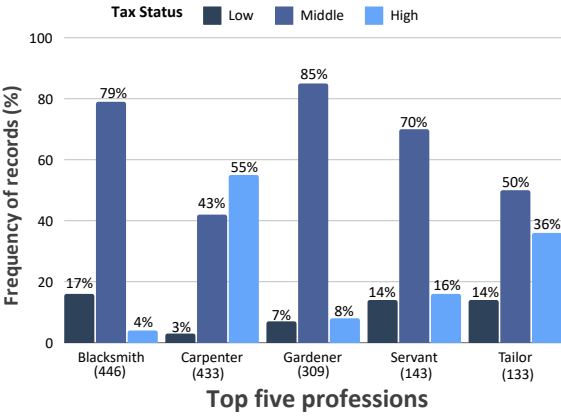
3

Tax status (cizye) means a fee imposed to non-Muslims for providing protection.

High tax status was more common in **Asitane** and **Sakiz**.

Most of the **carpenters** were **hight tax status**.

Tax status by top five professions



Percentages were calculated using a subset including **tax status** and **top five professions** (1,464 records).

Mustache characteristic by top five places of origin



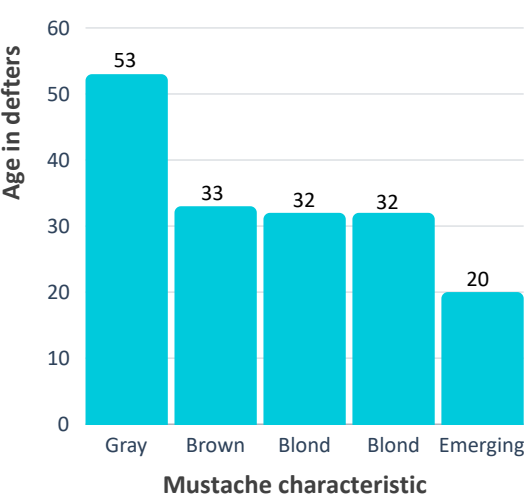
Physical Features

4

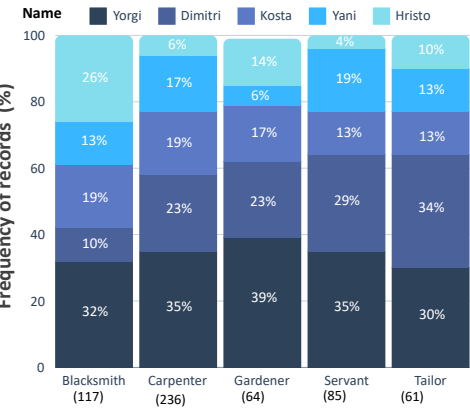
Blond mustache was common in **Manastir**.

The **average age** of people with **gray mustache** was **53** years old.

Average Age by top five physical features



Most common names in defters



Top five professions in defters

Percentages were calculated using a subset including **top five names** and **top five professions** (563 records).

Names

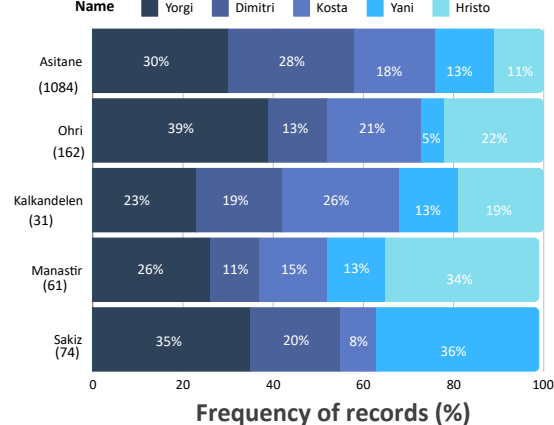
5

1,096 different names.

Yani was more common among **carpenters** and **servants**.

Yorgi was more common in **Ohri**, while **Yani** was more common in **Sakiz**.

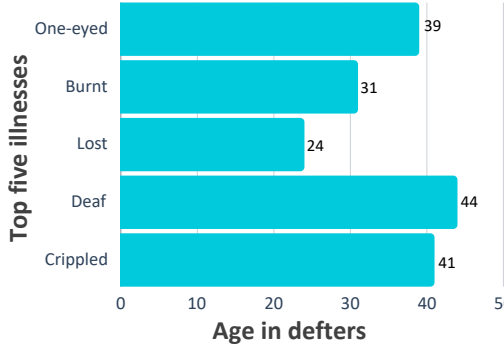
Common names by top five places of origin



Frequency of records (%)

Percentages were calculated using a subset including **top five names** and **top five places of origin** (1,412 records).

Average age by top five illnesses



Others

6

Out of **8,989** defters, only **209** contained illness information.

67 different illnesses in defters.

Lost (Zayi) may refer to **loss of a limb**.

579 newborns. **95%** of them from **Asitane** and **5%** did not have information.