

NOAH WOLFAHRT

Income Insights Austria

FAQ

What is this?

An analysis of personal income levels in Austria and what factors might influence it.

What for?

I wanted to familiarize myself with Tableau Desktop, a visualization software, and hence created a lot of graphs, visible throughout this presentation.

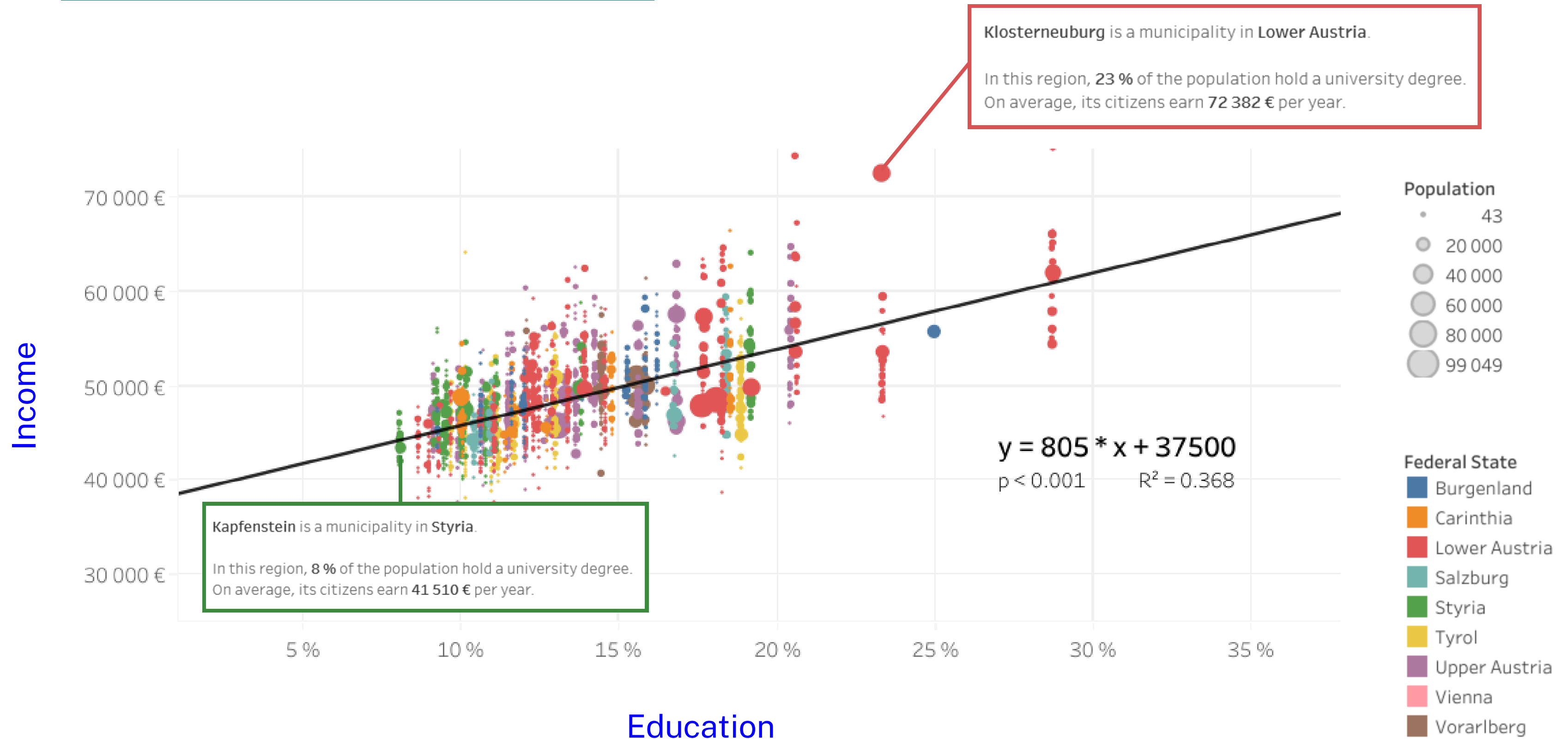
What data has been used?

The official income tax statistics provided by Statistik Austria, the statistics office of the Republic of Austria.

Education and Income

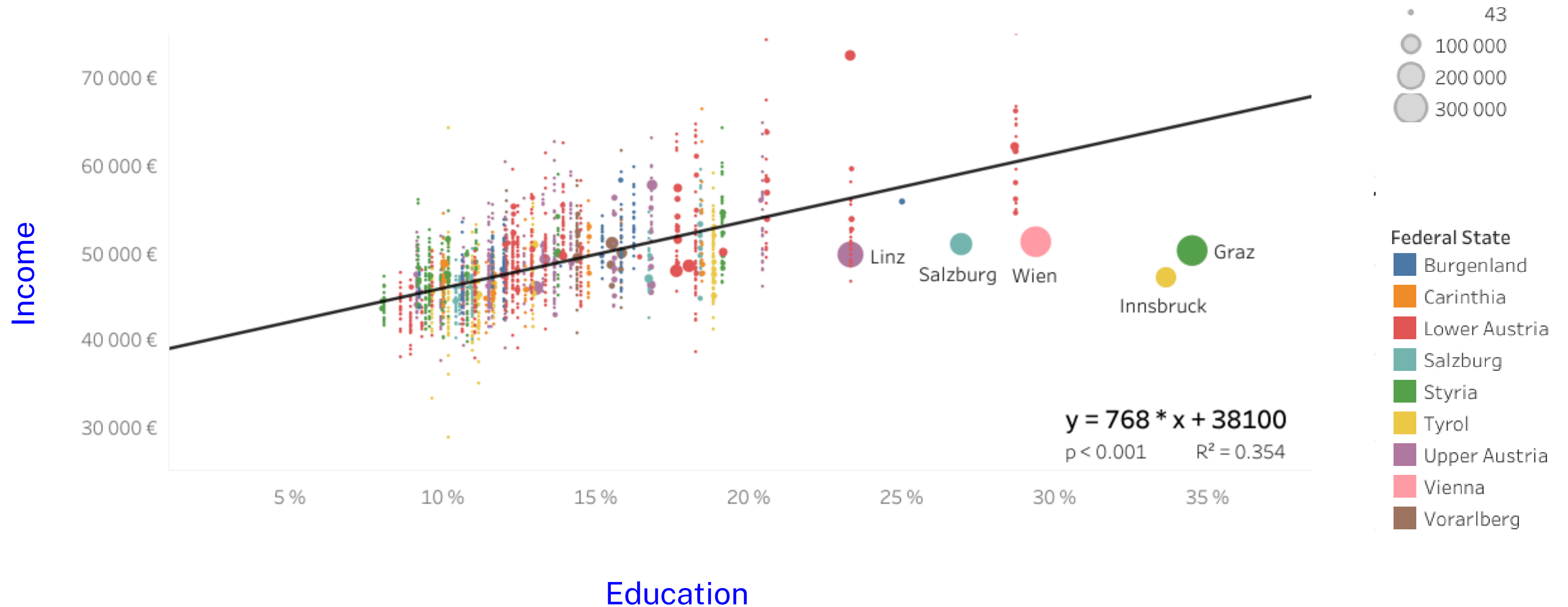
Higher education leads to higher income ...

[Interactive version - Tableau Public](#)

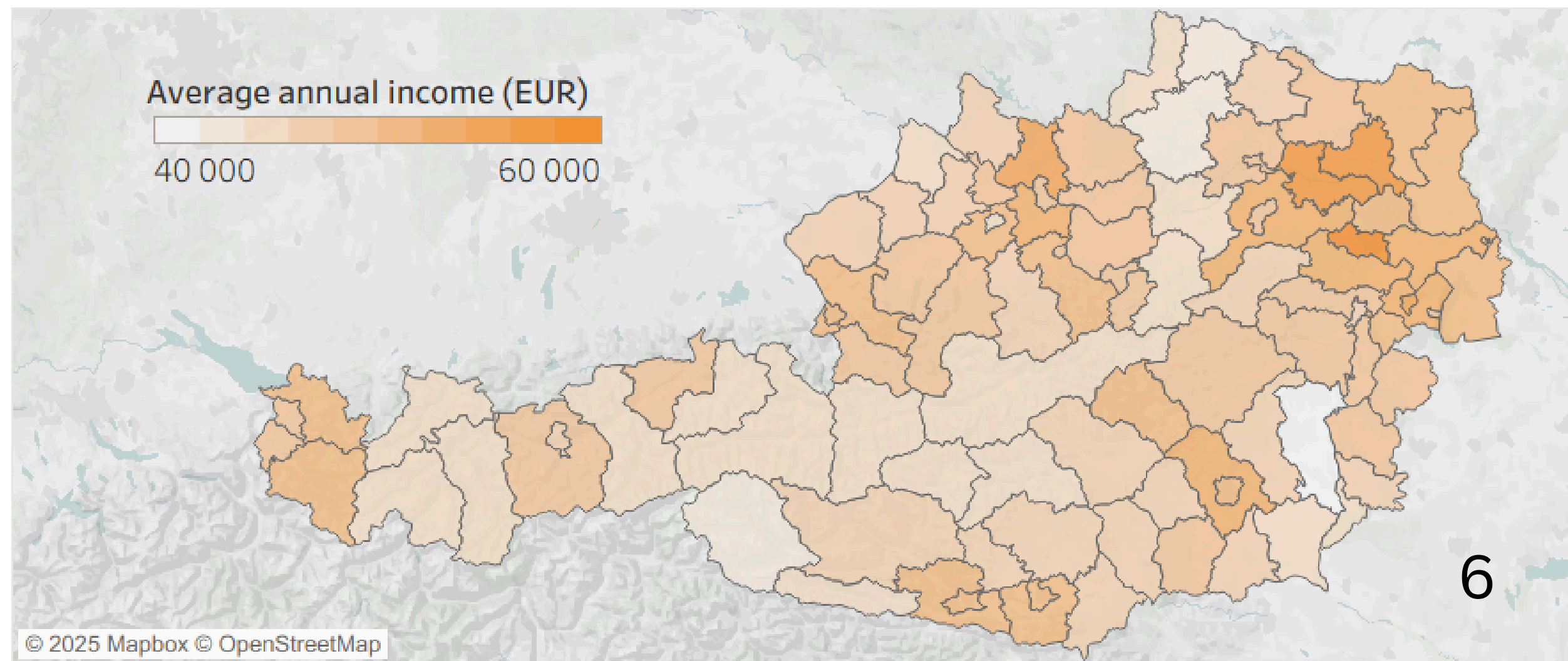
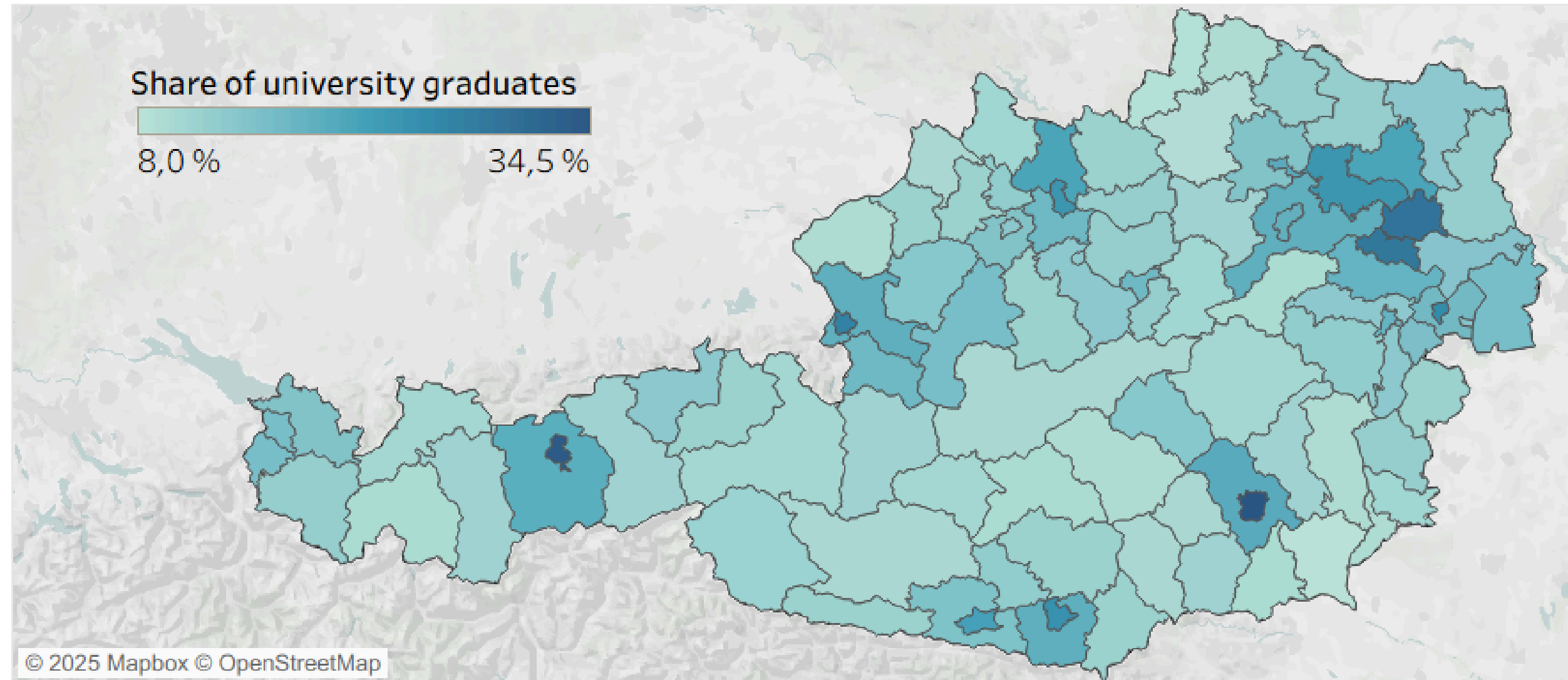


... but less so in bigger cities.

[Interactive version - Tableau Public](#)



The correlation between **education** and **income** is also apparent when considering the **regional level** of administration.



Learnings

Education

Crucial factor

There is a statistically significant correlation between a region's education and income level.

Rural vs urban areas

Urban regions tend to have a higher level of education.

Lower income level in cities

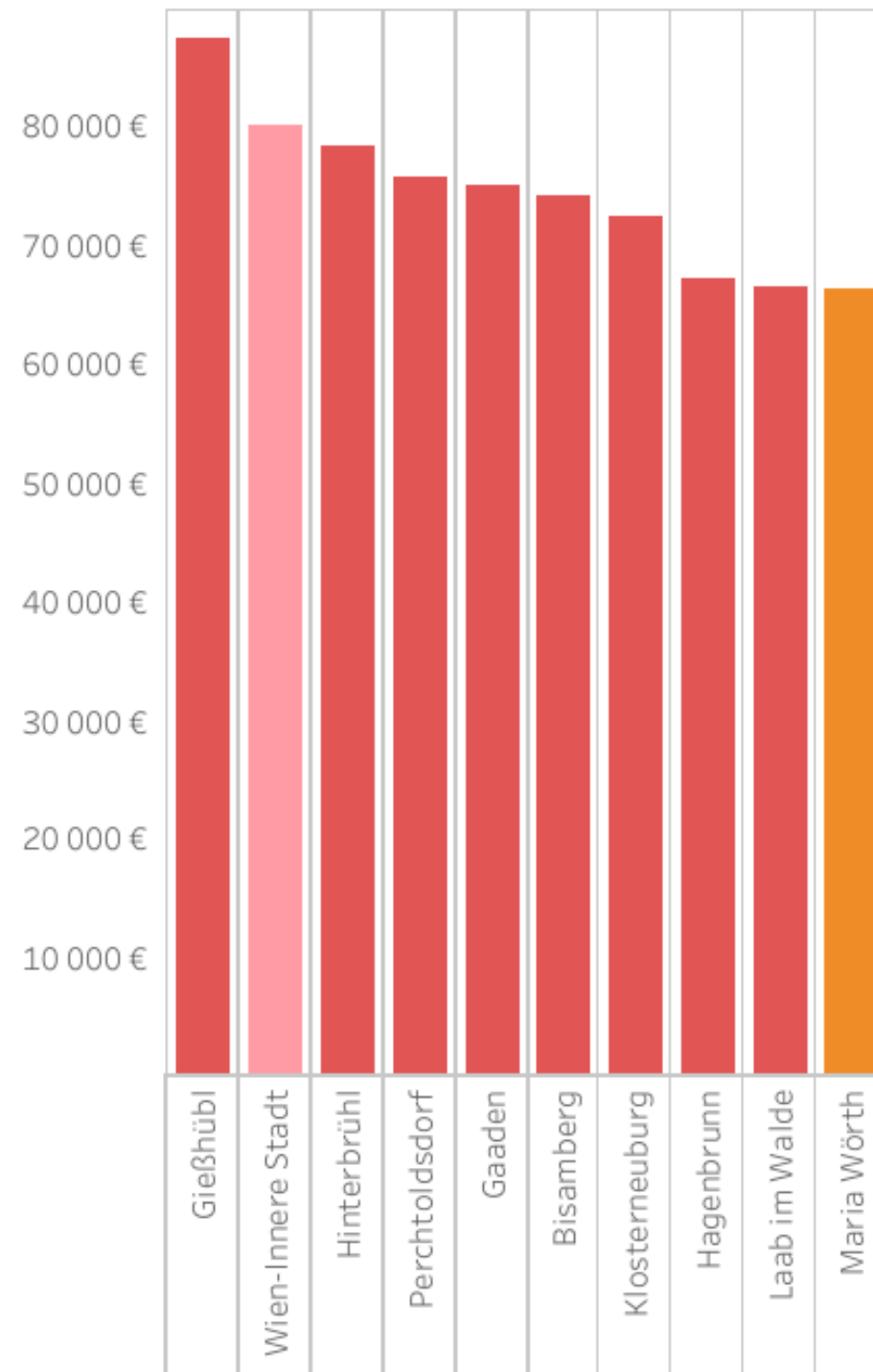
Cities tend to have a lower income level than what could be expected solely from the education data, their data points are mostly below the regression line. This suggests that education alone is not a sufficiently good estimator of a region's income level.

Region and Income

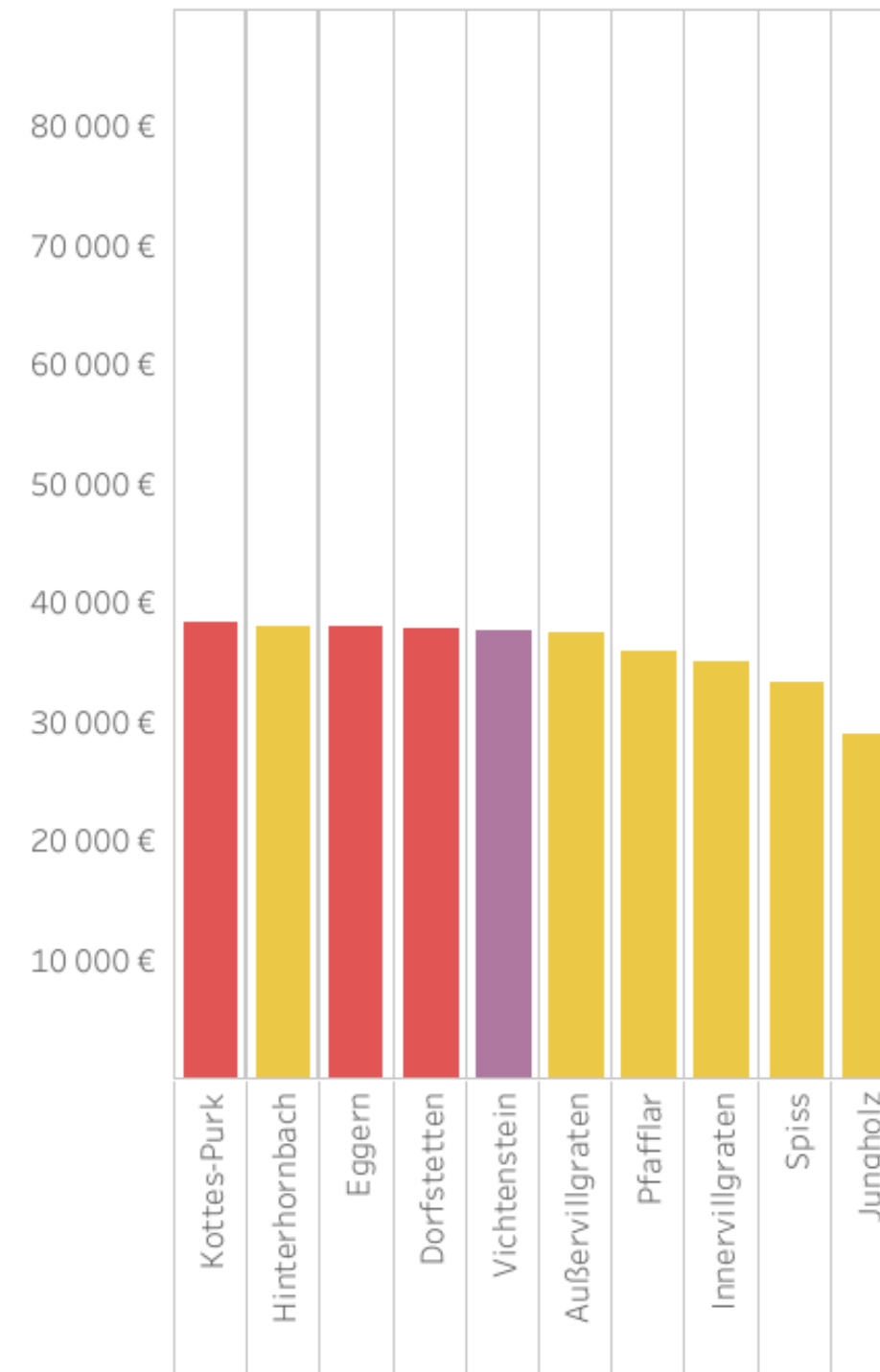
Huge differences on the local level ...

[Interactive version - Tableau Public](#)

Top 10 Municipalities



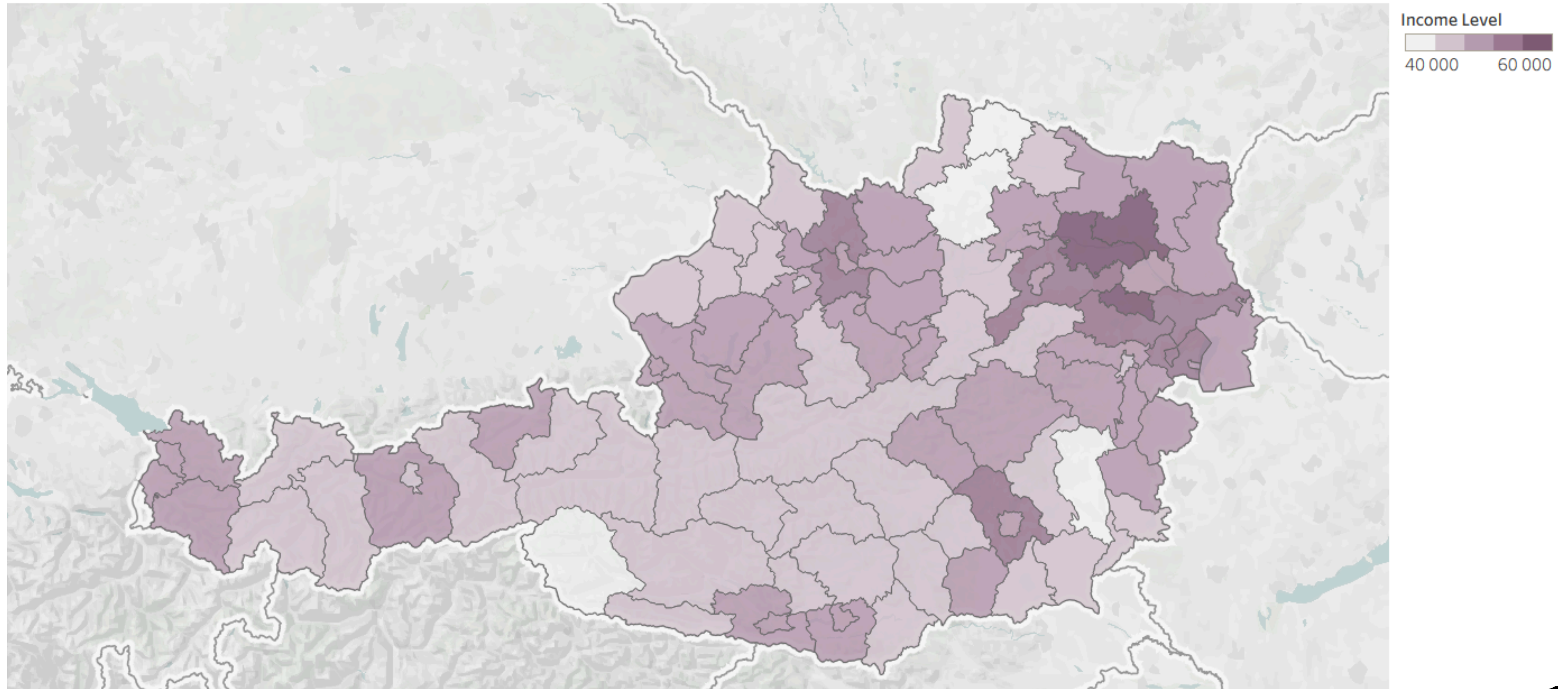
Bottom 10 Municipalities



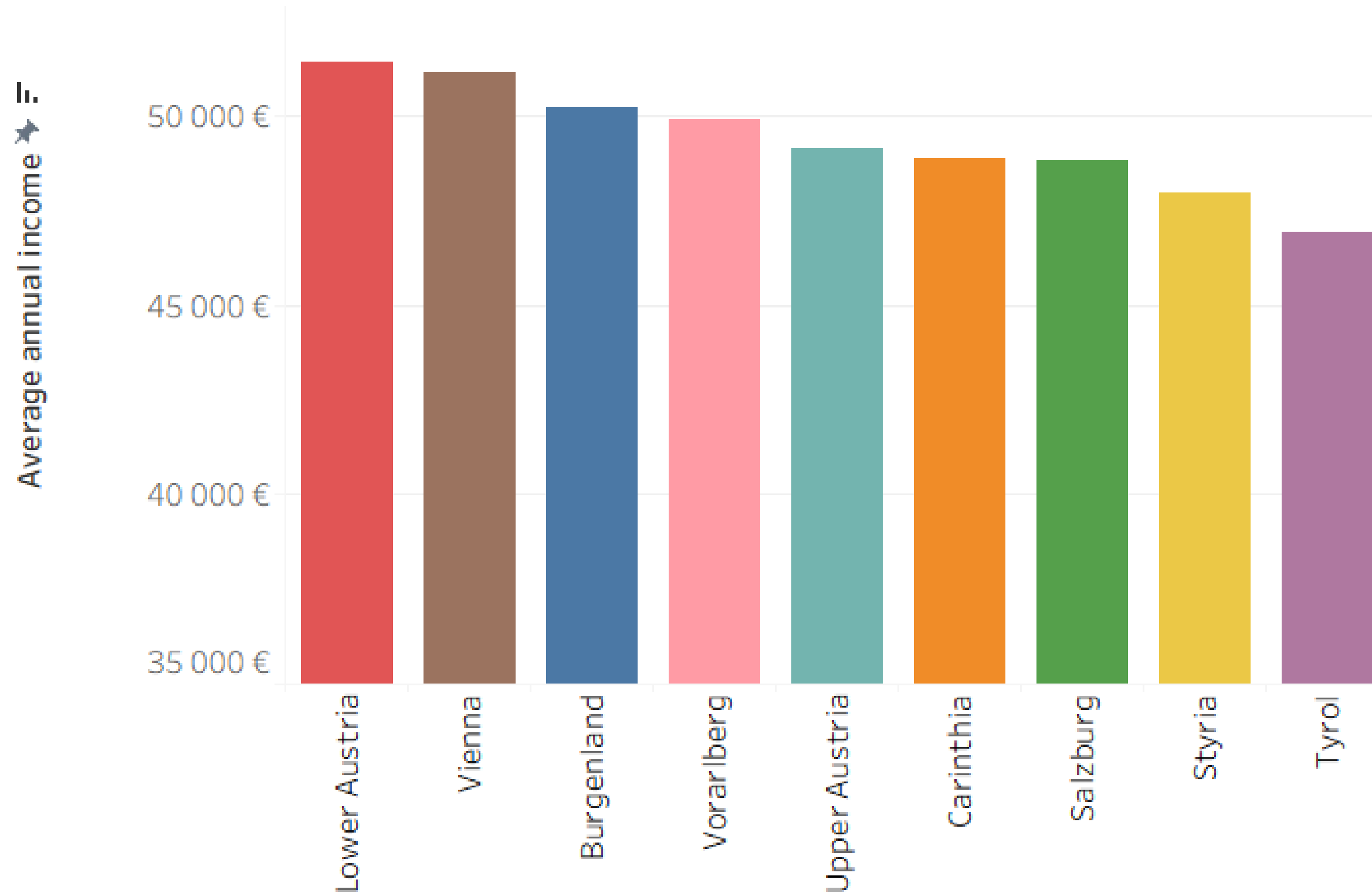
Federal State

- Burgenland
- Carinthia
- Lower Austria
- Salzburg
- Styria
- Tyrol
- Upper Austria
- Vienna
- Vorarlberg

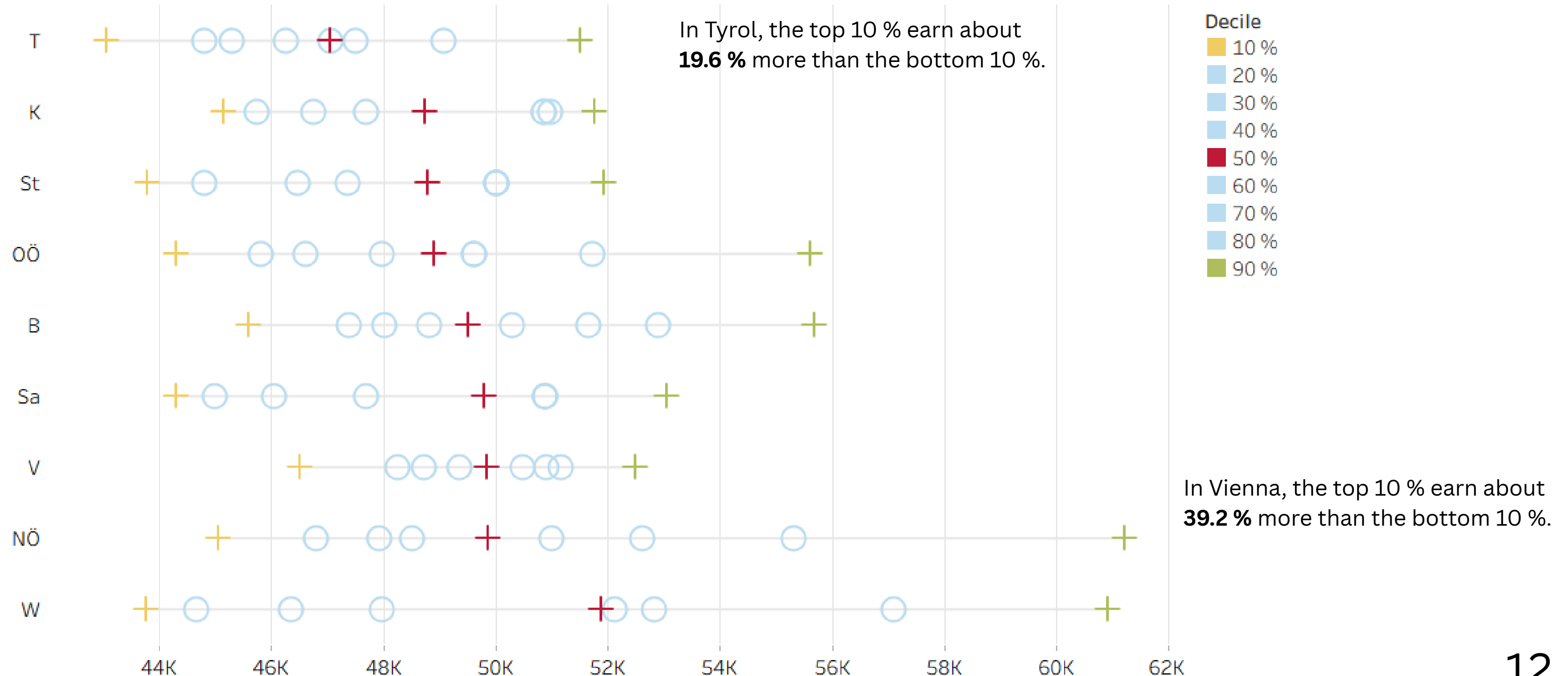
... on the regional level ...



and on the state level.



More income means more income inequality.



Learnings

Crucial factor

There are clear differences between regions in Austria, visibly apparent at each observed administrative level.

Top and Bottom

Vienna and Lower Austria are Austria's top income states, incorporating the country's richest regions. In contrast, Tyrol is at the bottom of the list.

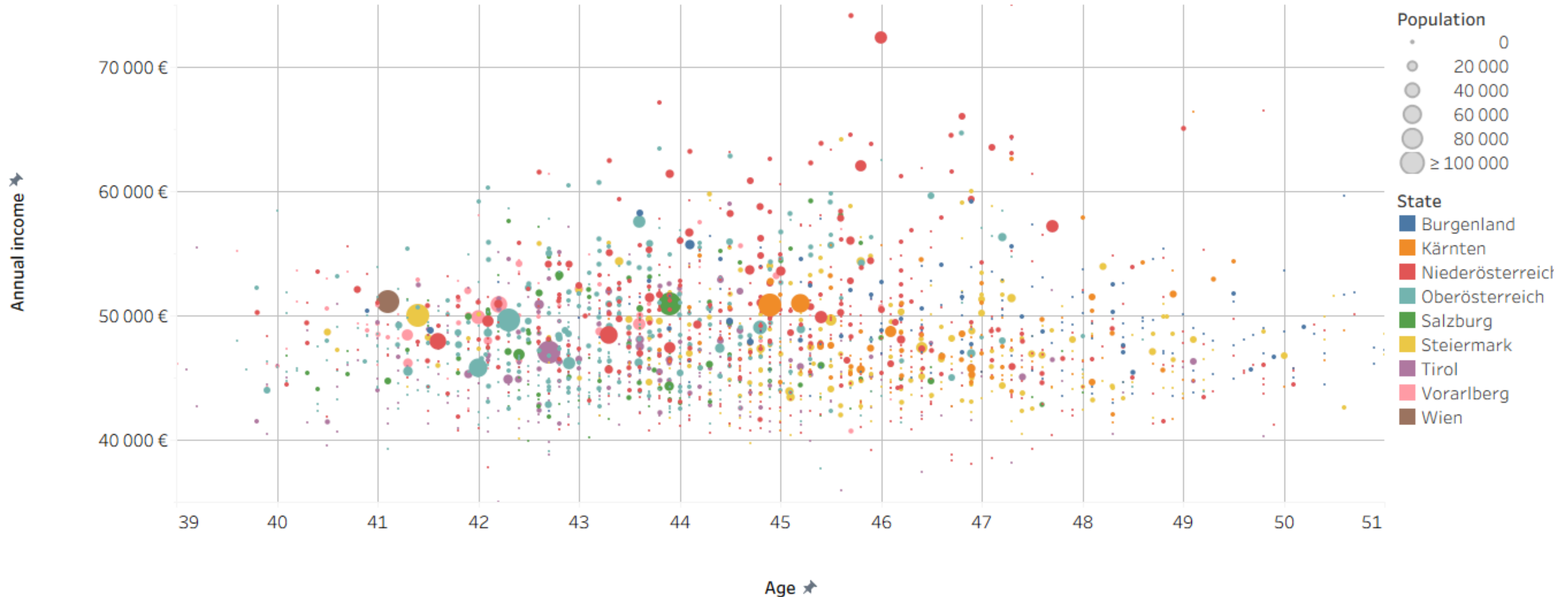
Income within states

A higher income level in a state suggests that within the state, there is also a high income variance.

Region

Age and Income

Age is not a useful indicator for income.



Learnings

Negligible

We have found no clear correlation between a municipality's age and income level.

Age

Important Caveats

Salaries

For simplification, only salaries of the working population that have been continuously employed throughout the year have been considered in these visualizations.

Education

While there are many different kinds of education, we split the population only into two groups, depending on whether they have obtained a university degree.

Datasets

Although the data has been released by a single entity, it still consists of diverse datasets with different release dates.

Main Dataset

Lohnsteuerstatistik (Income Tax Statistics)

Statistik Austria

https://www.statistik.at/atlas/?mapid=them_oeffentliche_finanzen_steuer&layerid=layer1&sublayerid=sublayer0&languageid=0&bbox=912963,5731410,2087036,6368589,8

Thank you!
