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Income Insights

A Data-Driven Exploration of Salaries in Austria

Charts and graphics created with Tableau

Data published by Statistik Austria

Factors to consider

What circumstances could influence an individual's salary the most?

01

Education

High formal education can be a door-opener for well-paid jobs.

02

Region

Depending on where you live, you can expect different salaries due to local circumstances (like price level of rents and general cost of living).

03

Age

Over time, more education and more work experience typically yield a higher living wage.

Overview

03 Education

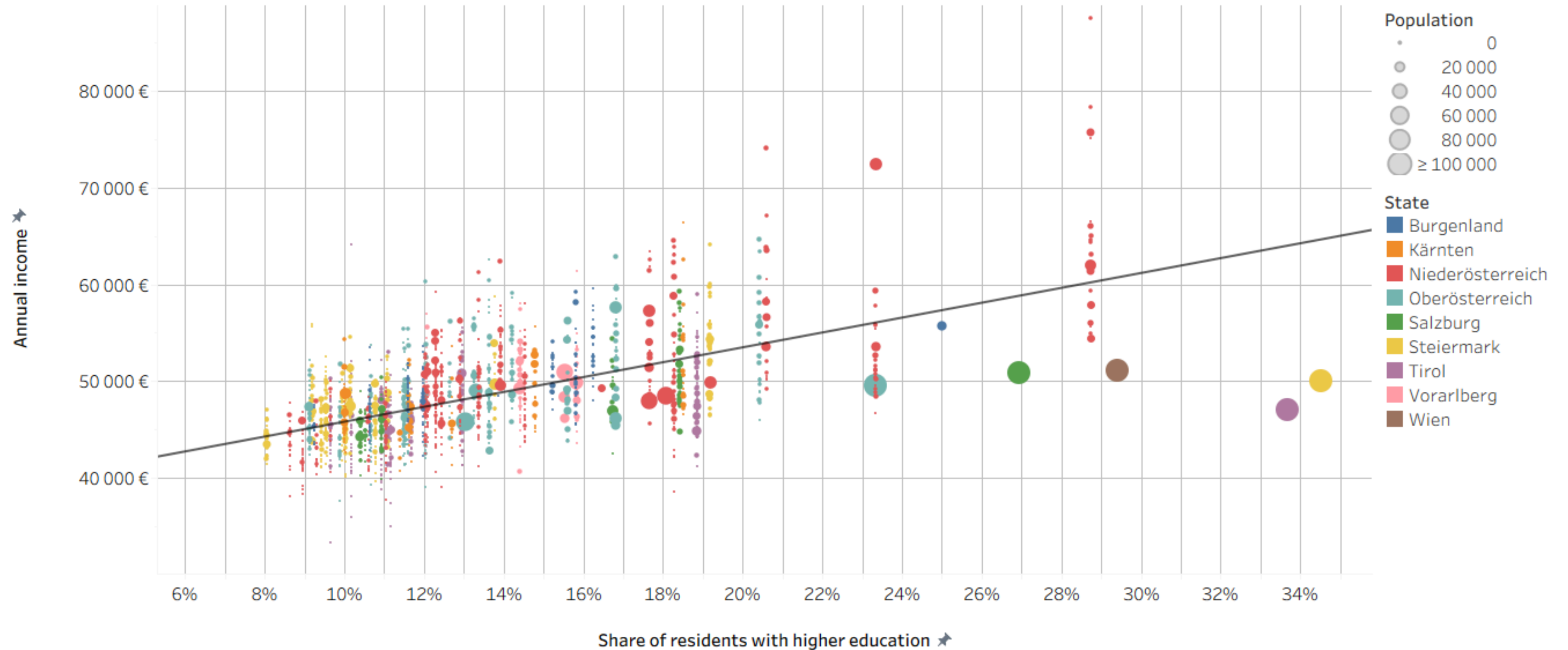
08 Region

14 Age

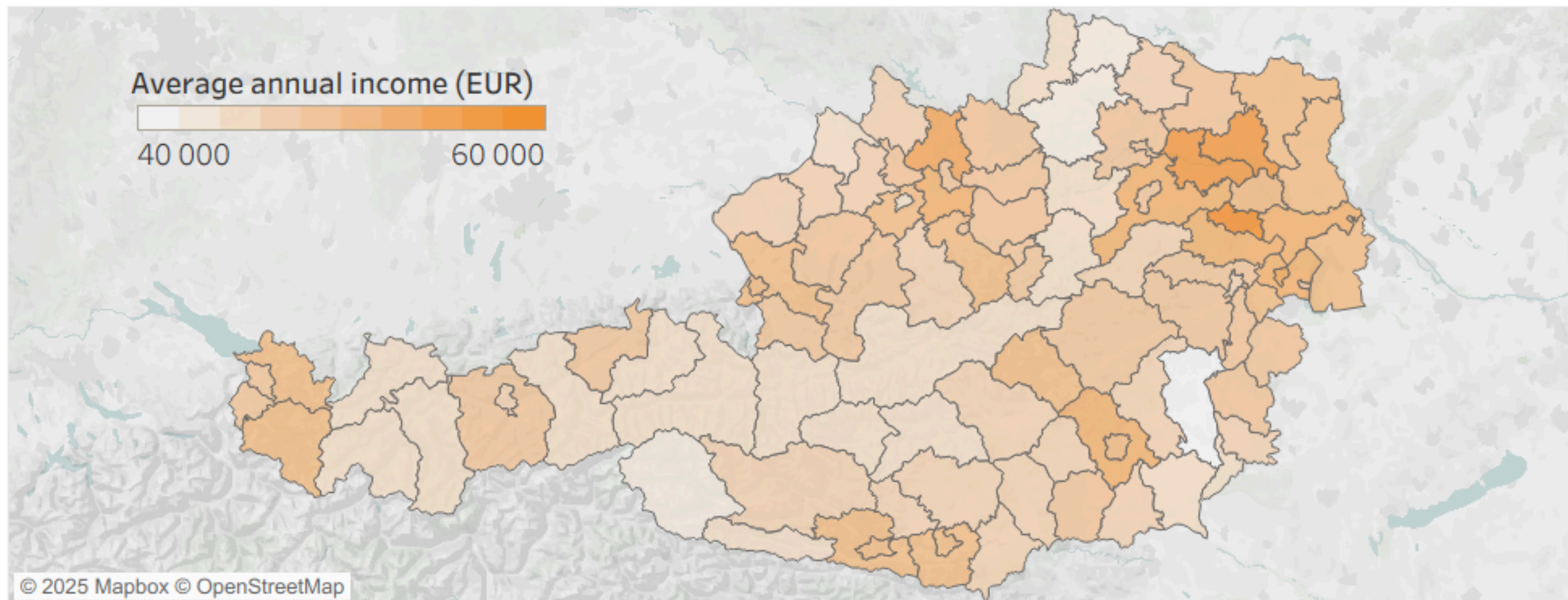
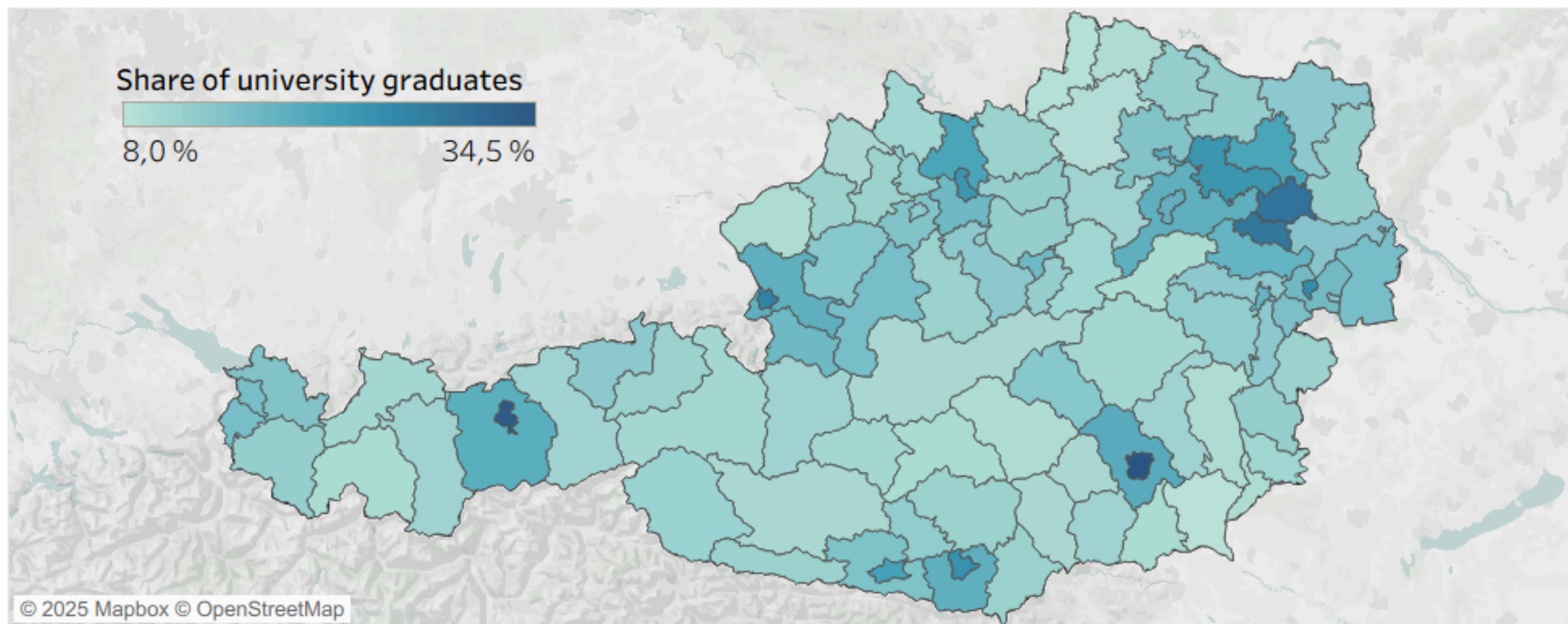
Education and Income

Does it pay to study?

Level of education and gross annual income of all municipalities and cities in Austria



In the figure above, each of the 2092 Austrian municipalities and cities is shown with a dot colored according to the corresponding federal state. The size of the dot depends on the size of the municipality. The horizontal axis shows the proportion of university graduates in the municipality, while the vertical axis shows the average annual gross income of all full-time employees in the municipality.



Education and Income

Learnings

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.

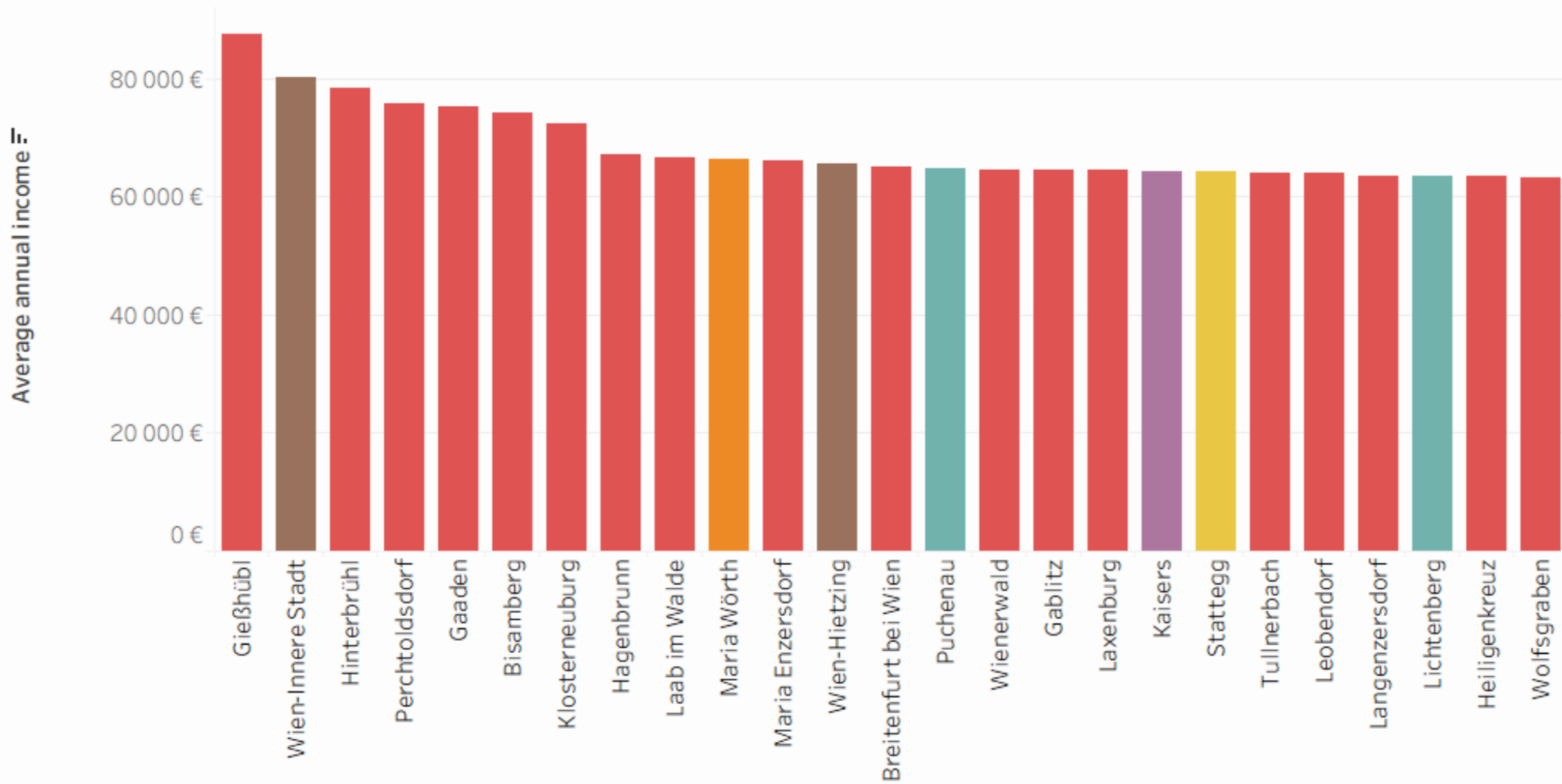
Lower income level in cities

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

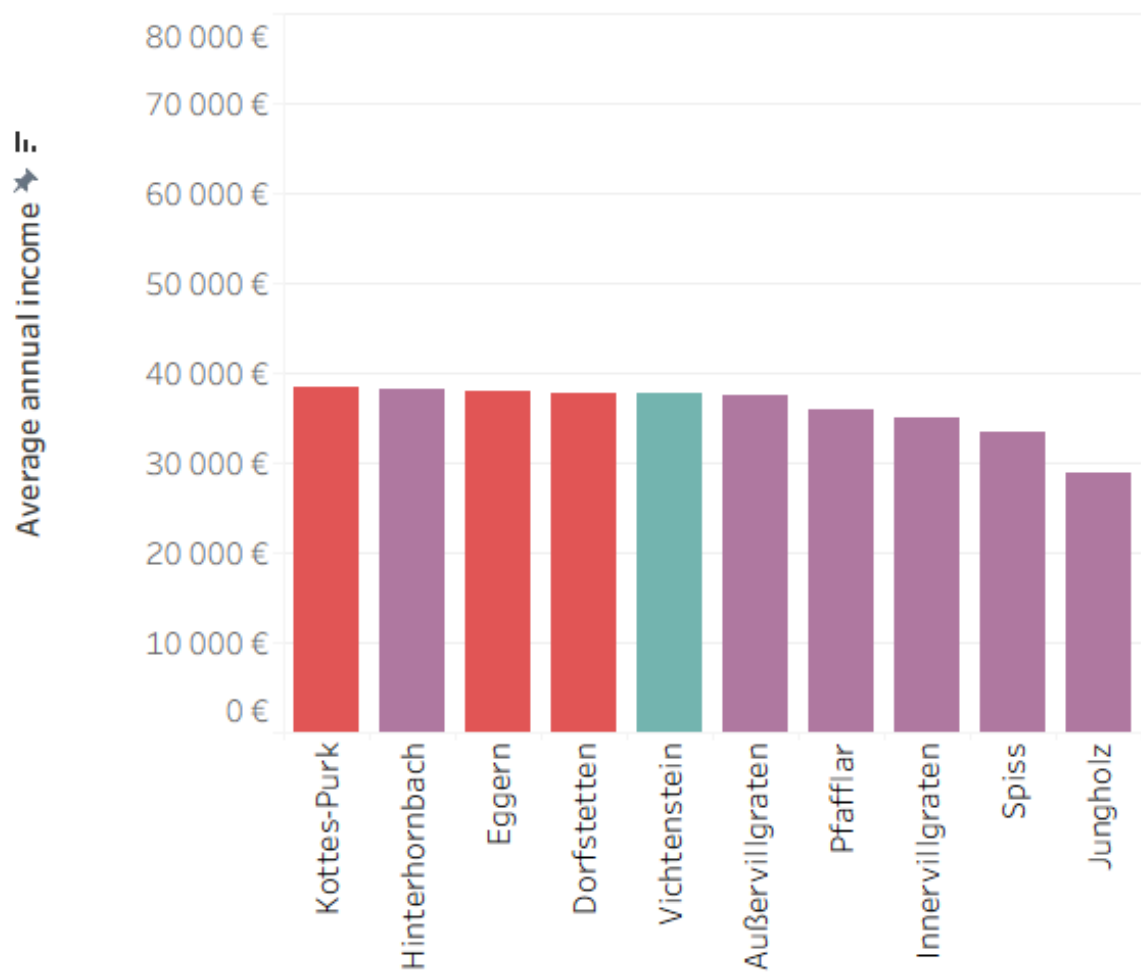
Lower Austria, Higher Pay

Top 25 municipalities by average income, including Vienna districts



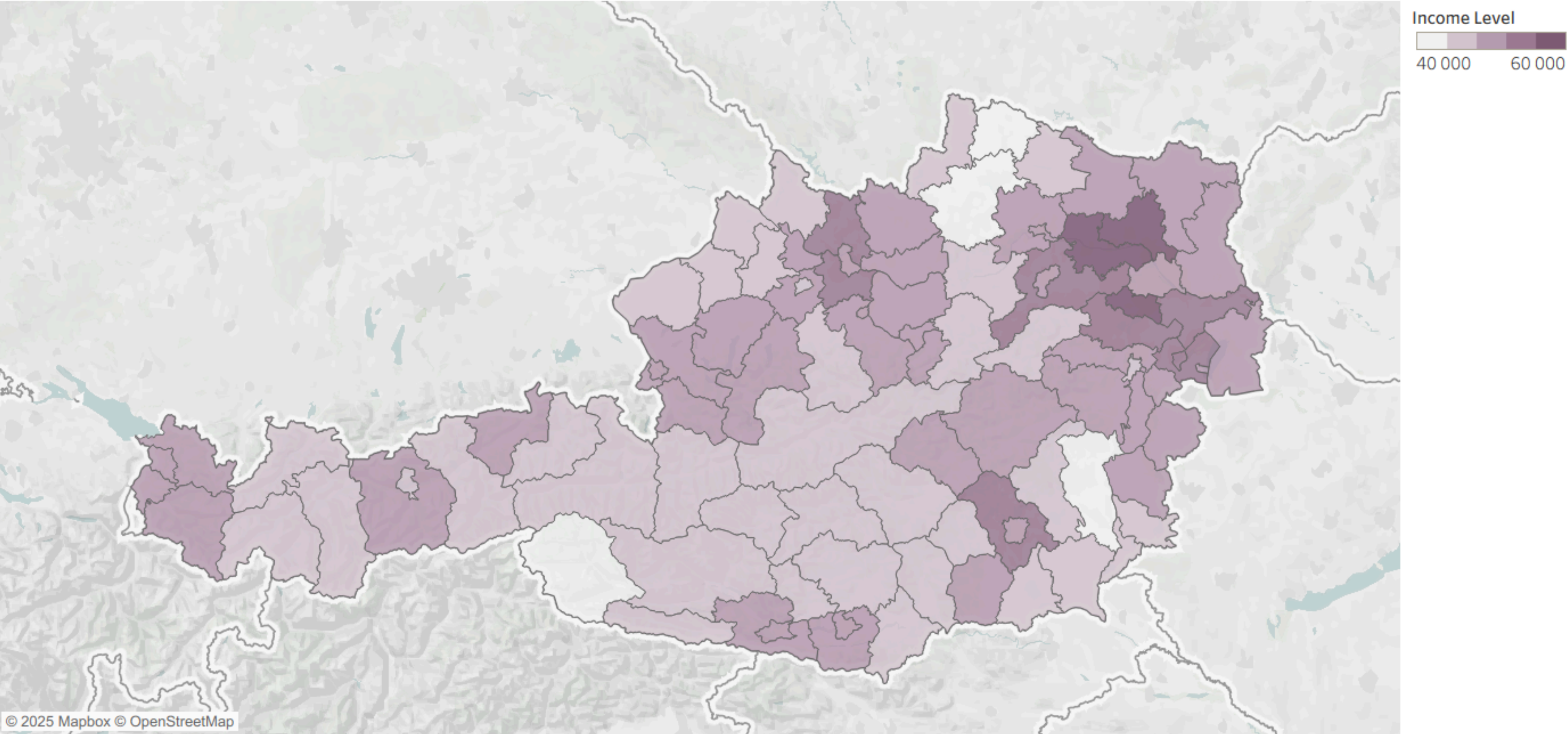
No Roll in Tirol

Bottom 10 municipalities by average income



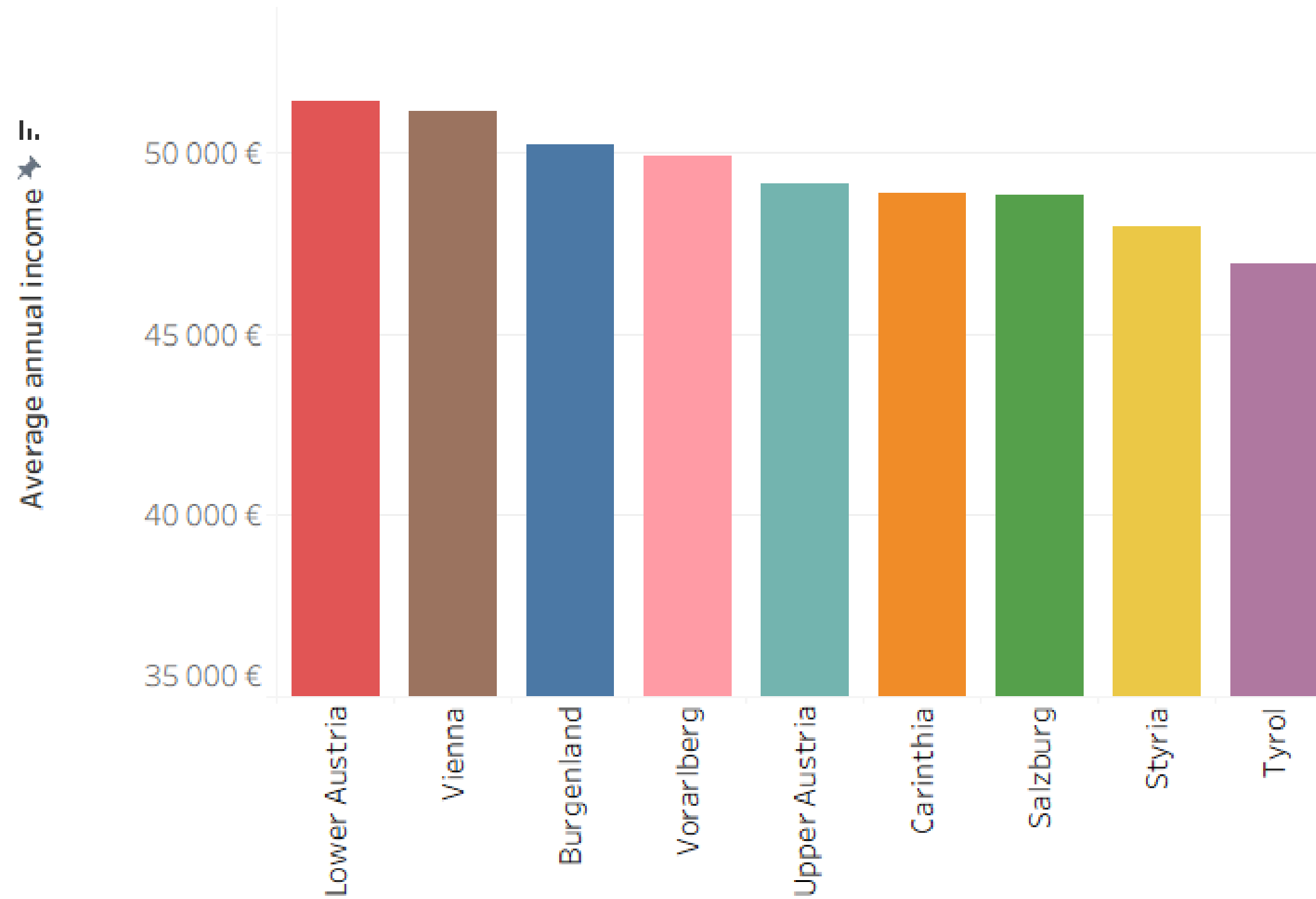
Regional differences

Austrian districts by average annual income



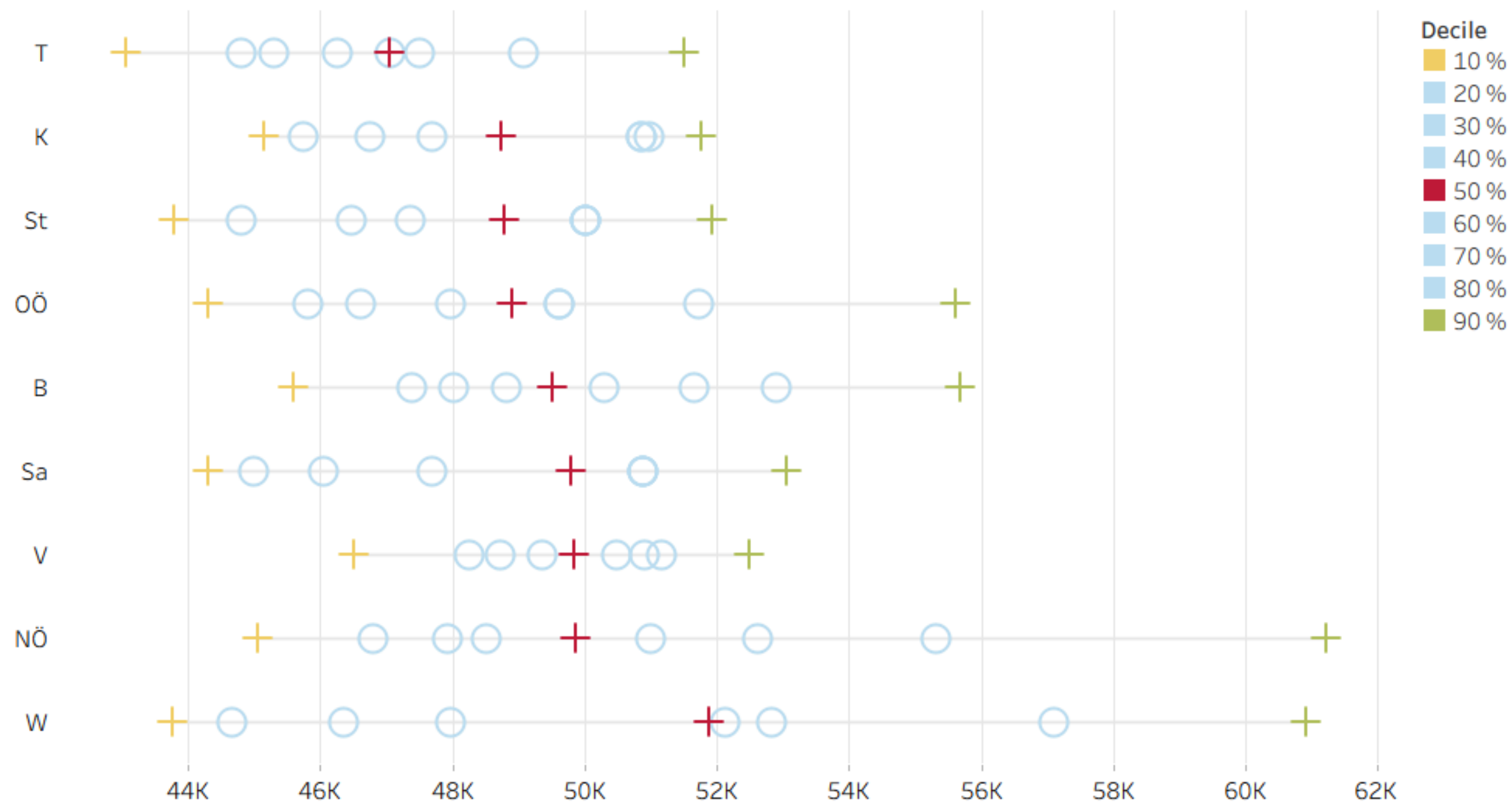
Where the Money Lives

Austrian federal states by average annual income



Higher income means higher income inequality

Level of income distribution deciles by federal state



Region and Income

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.

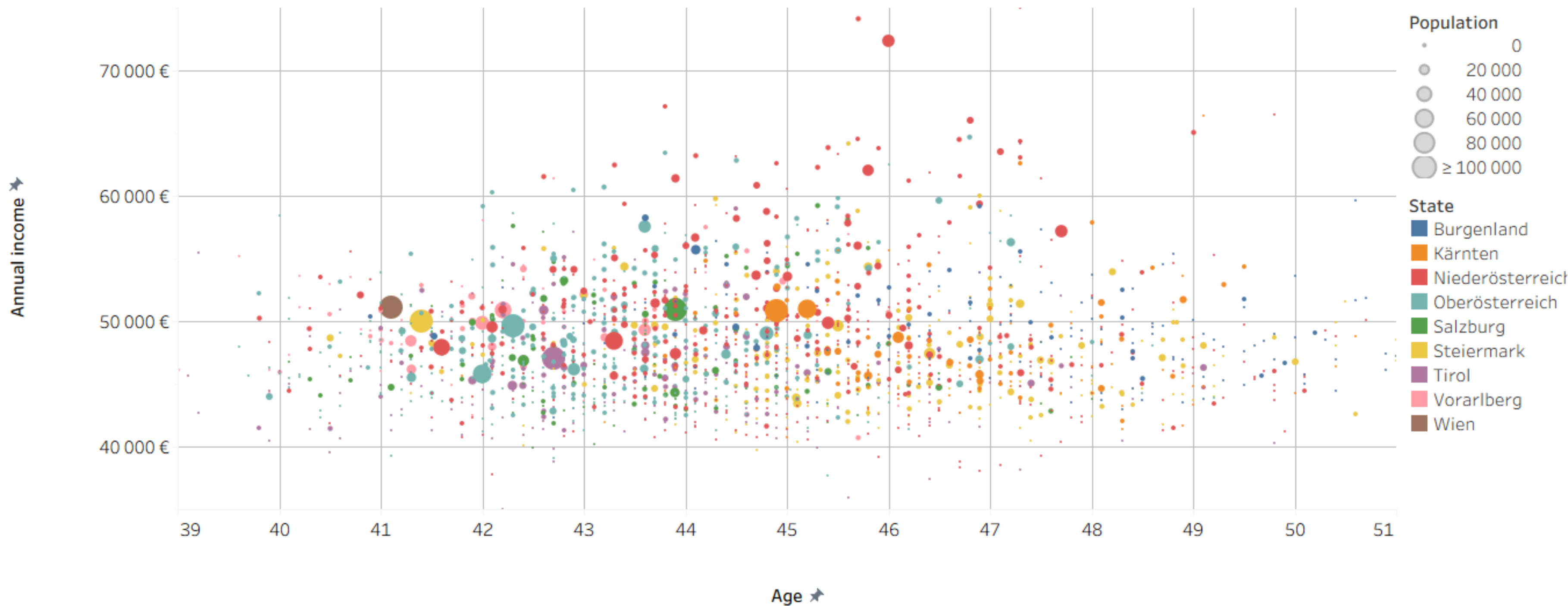
Income within states

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

Age and Income

Just a number?

Comparing the average age and gross annual income of Austrian municipalities



Age and Income

Learnings

Negligible

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

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!
