

# Anonymization of longitudinal demographic data

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**BACKGROUND:** Longitudinal data analysis, which involves repeated observations of individuals, is a valuable source of information, but limited by data protection laws. Techniques like Statistical Disclosure Control and Synthetic data generation are essential for safe data use. However, there's a notable research gap for longitudinal data, particularly in fields like health and mobile traffic, where data must often be detailed for meaningful analysis.

## METHODS

1. Collected [what] from [population]
2. Tested it with X process.
3. Illustrate your methods if you can.
4. Try a flowchart!

## RESULTS

- Graph/table with **essential results only**.
- All the other correlations in the ammo bar.

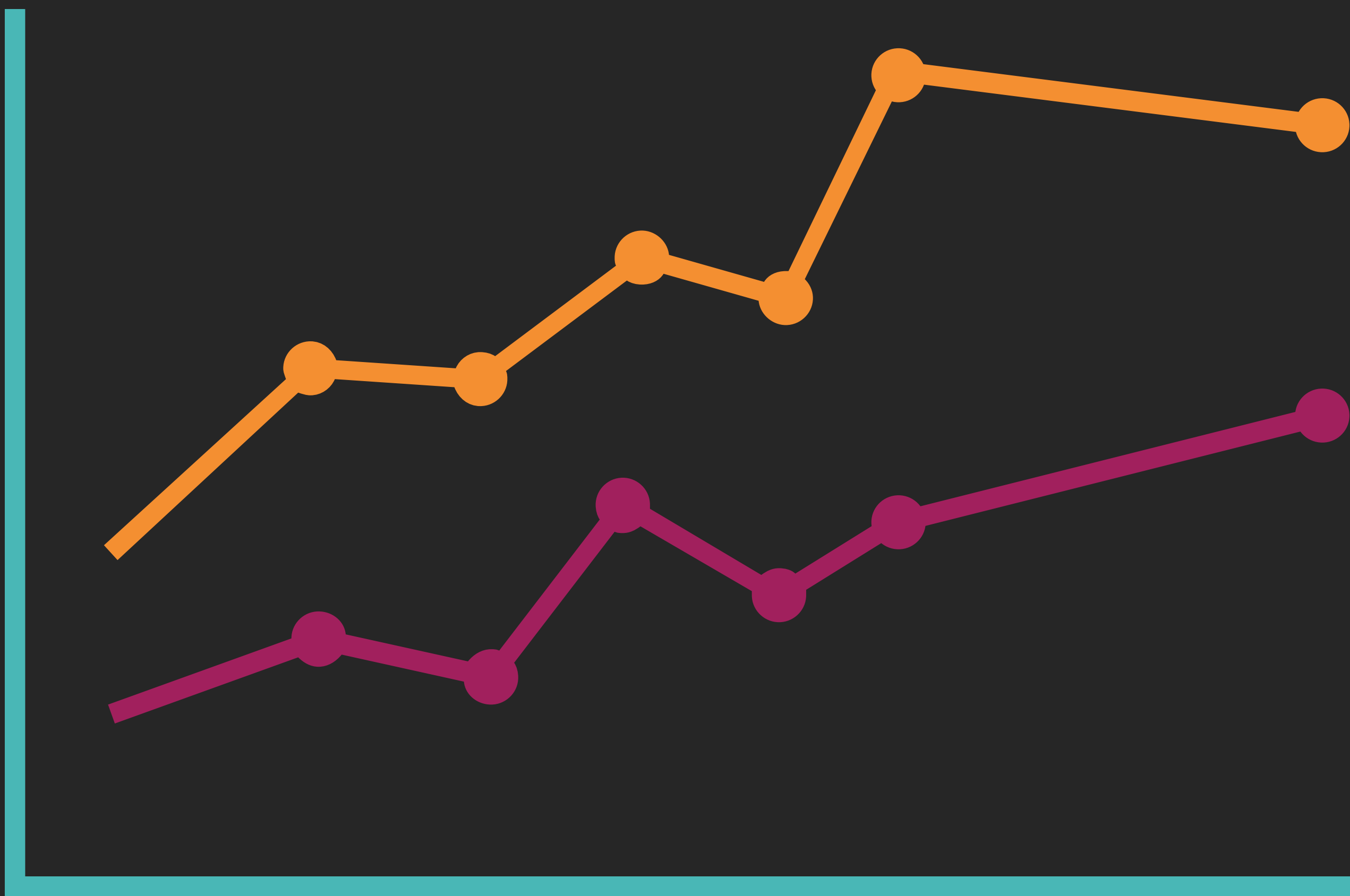


### Open Science, Open Access, Open Data

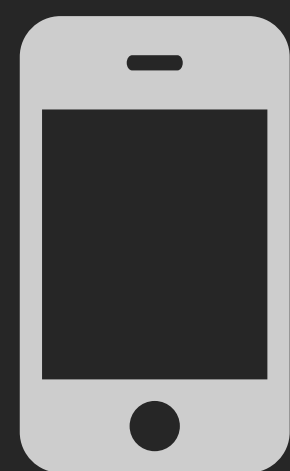
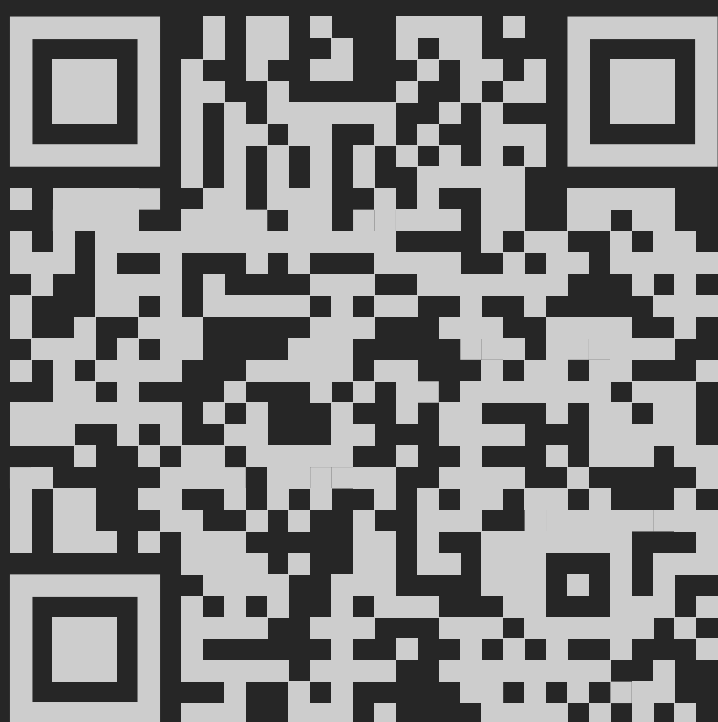
- Research data that results from publicly funded research should be
  - **findable, accessible, interoperable, reusable** ('FAIR principles')
  - therefore **replicable, transparent, trustworthy**
  - as open as possible, as closed as necessary
- [Commission Recommendation \(EU\) 2018/790 on access to and preservation of scientific information](#)



Main finding goes here,  
translated into plain English.  
Emphasize the important  
words.



Visualize your findings with an image, graphic, or a key figure.



Take a picture  
to download

## AMMO BAR

Delete this and replace it with your...

- Extra Graphs
- Extra Correlation tables
- Extra Figures
- Extra nuance that you're worried about leaving out.
- **Keep it messy!** This section is just for you.

## Acknowledgments

- This work was funded by the Swiss National Science Foundation with grant number 211751: "Harnessing event and longitudinal data in industry and health sector through privacy preserving technologies".

