

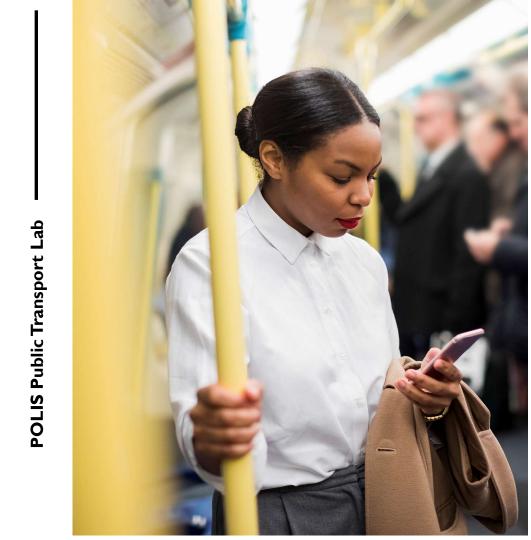
Learning from the past: understanding ridership changes in public transport during the COVID-19 pandemic

The examples of Vienna, Innsbruck, Oslo and Agder

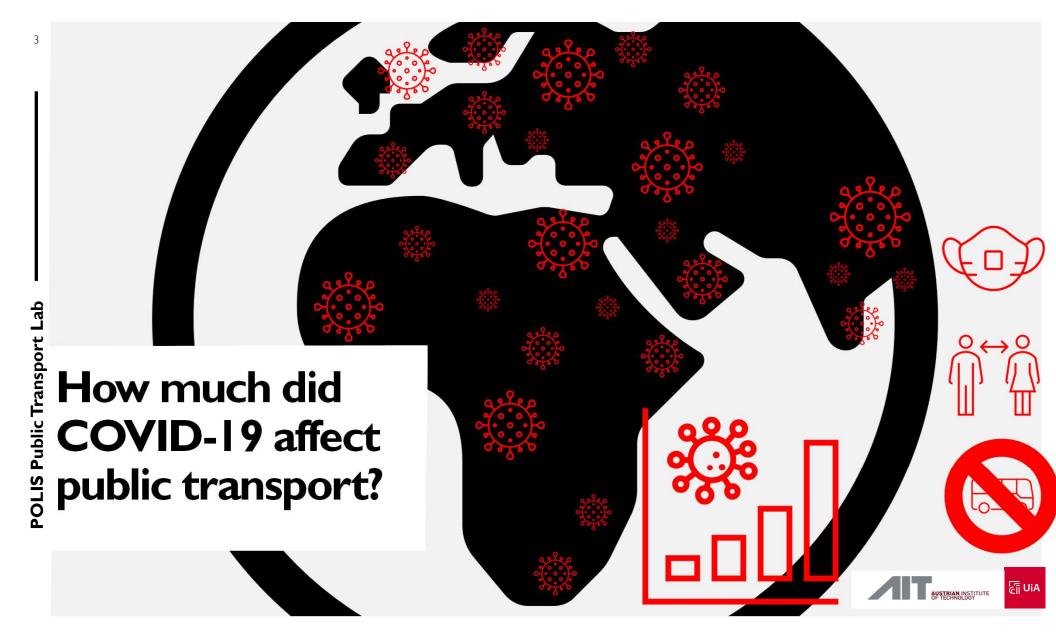




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One Europe, many rules...

- How did different European countries manage the pandemic?
- Were the regulations effective?
- How was public transport affected?



- Similarities and differences between two European countries: Austria and Norway
 - regulations
- impact on patronage in urban settlements of different sizes
 - lessons learned







Approx. 300 000 inhabitants 18.25 persons/km2 Kristiansand – 112 000 inhabitants Approx. 300 000 inhabitants
Denisty of 2 859 persons/km2
Innsbruck city – 132 000 inhabitants





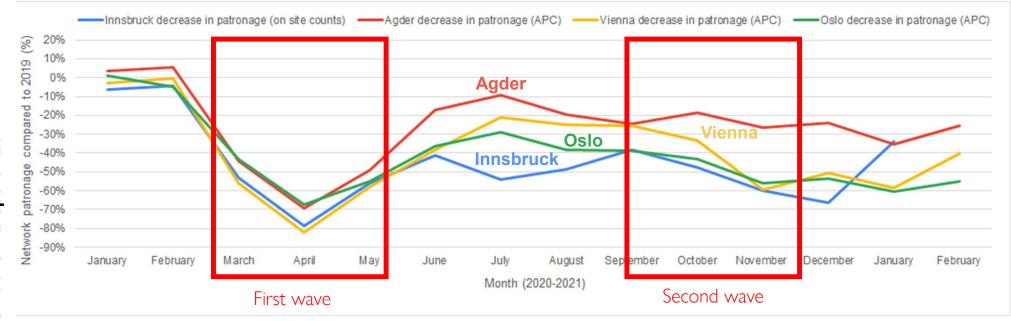
European metropolises **V**ienna Oslo Norway **A**ustria Bjørkelangen 5V

1 million inhabitants 2 347 persons/km2

2.87 million inhabitants 6 925 persons/km2

POLIS Public Transport Lab

Patronage variations



Data provided by: Agder Kollektivtrafikk (Agder), Ruter (Oslo), AVB (Innsbruck) and Wiener Linien (Vienna).

Monthly ticketing income variation Agder



Conclusions

- · No one size fits all recipe exists.
- Low density small urban areas show faster recovery in patronage
- The impact of the "fresh fear" and "lingering fear" effect should be planned for in the future
- Data on mode choice shifts essential to understand reasoning behind renouncing public transport
- Main limitation availability of detailed, standardized data sets
- Gap in research on wearing facial masks and the perception of safety from contagion in public transport





Full study available at link below:

https://www.sciencedirect.com/science/article/pii/S259019822100083X?via%3Dihub