WENNBERG INTERNATIONAL COLLABORATIVE
SPRING POLICY MEETING 2018

# Evaluation of the Basel hospital merger project in Switzerland

Speaker: André Moser
Epidemiology, Biostatistics and Prevention Institute
University of Zurich

WIC WENNBERG INTERNATIONAL COLLABORATIVE

74 NRP Smarter Health Care National Research Programme

SSPH+ SWISS SCHOOL OF PUBLIC HEALTH

Universität Zürich[UZH]

# Hospital merger in Basel area

The University Hospital of Basel and
the Cantonal Hospitals of Basel County will merge to a
**common hospital group in the year 2020**.

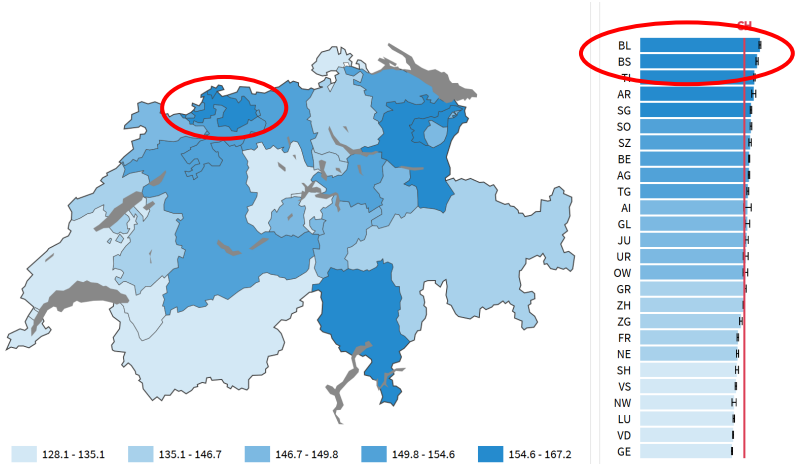
Our study aims to provide long-term evidence of
**the impact of the hospital merging**
in the Basel area.

# Swiss setting and conditions

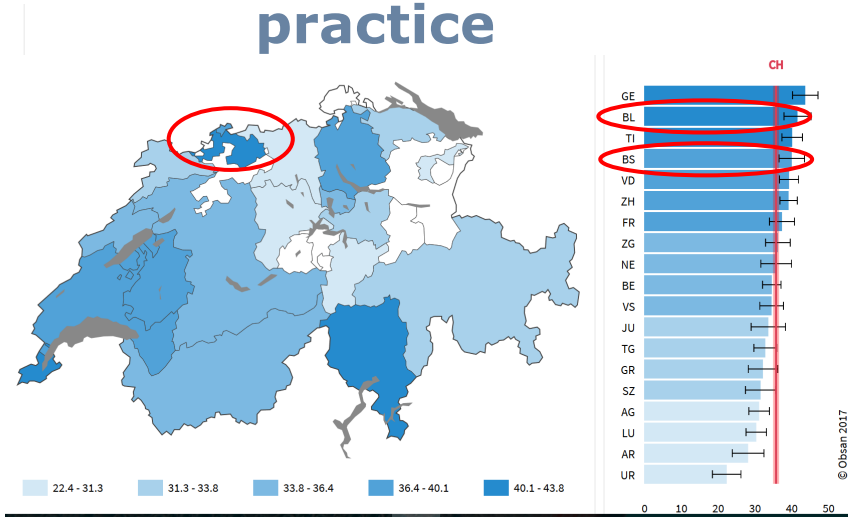
Change of hospital financing system in 2012

DRG-related financing

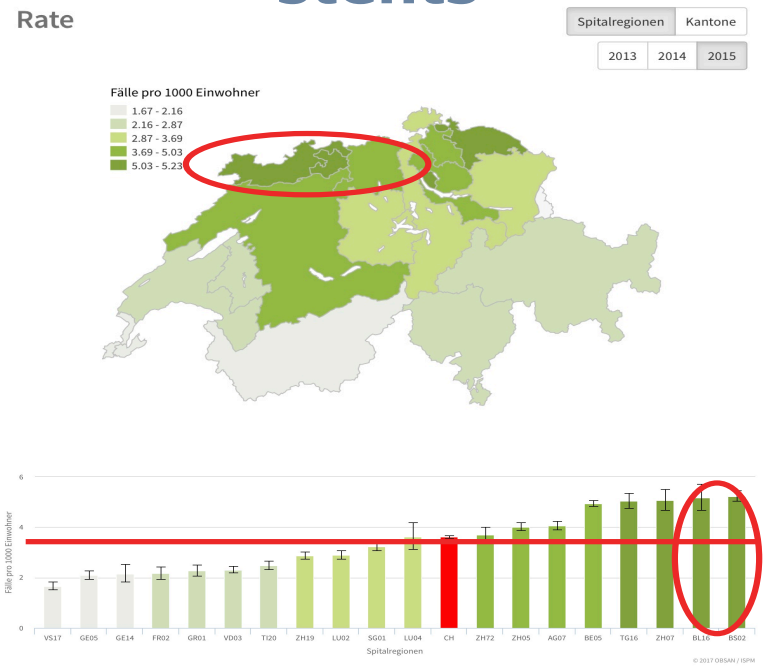
## Hospital admission




## Specialized physician visits in private practice

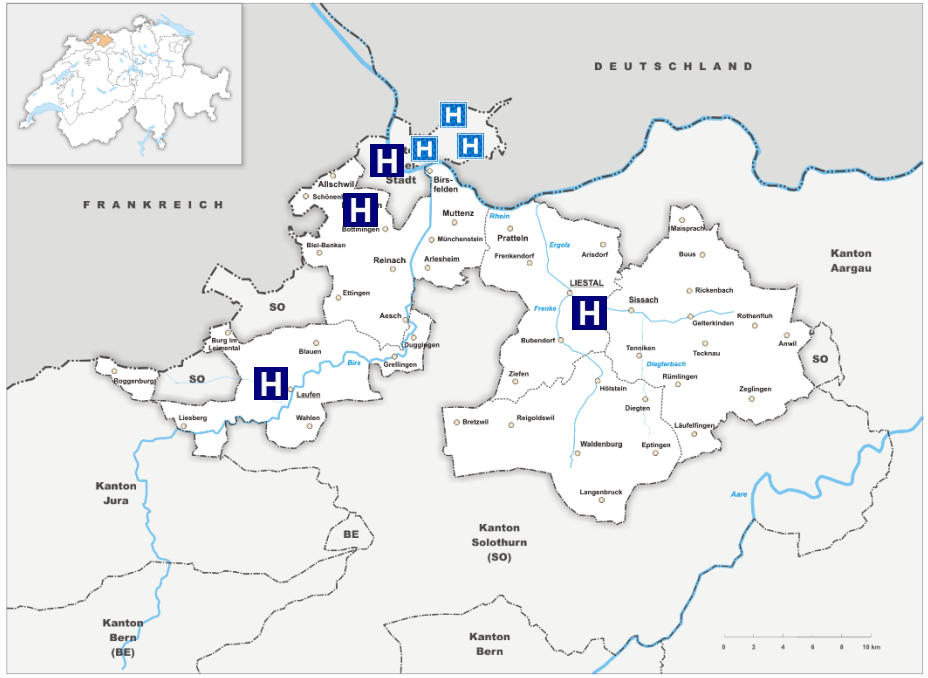



## Cardiac catheters with stents

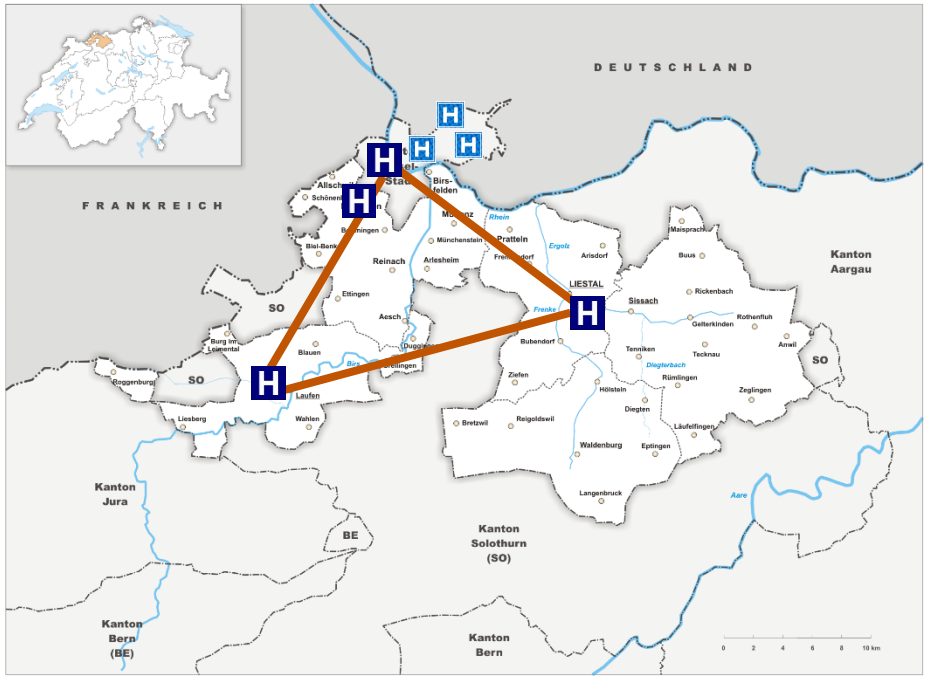


# Basel hospital merger → common hospital group by 2020

## Up to 2020




## From 2020 on



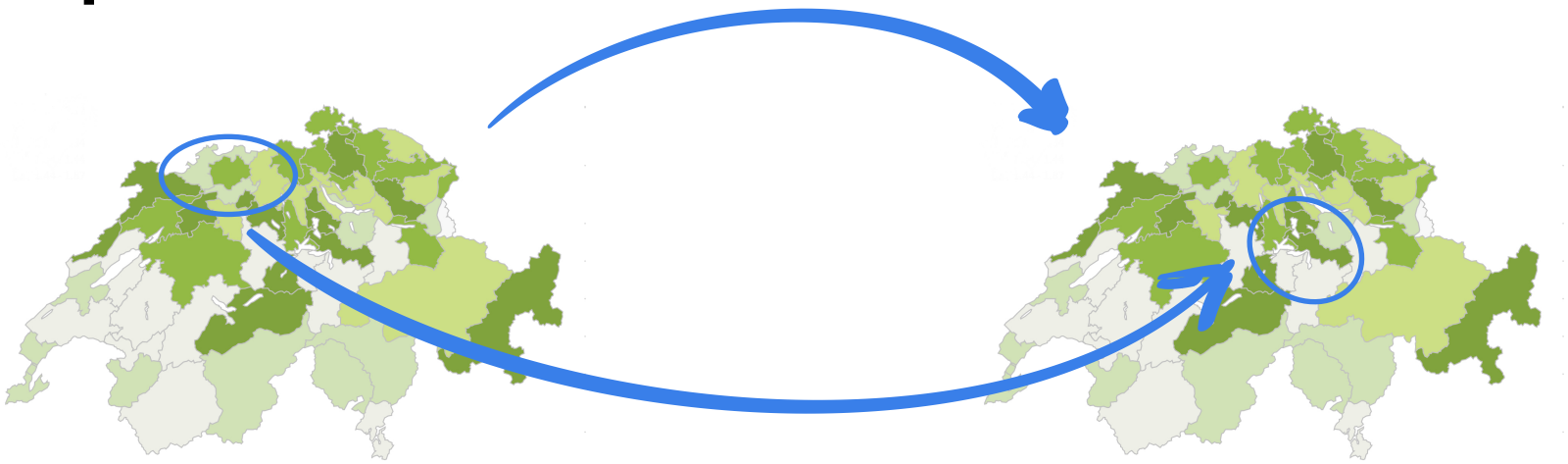

**A natural experiment**

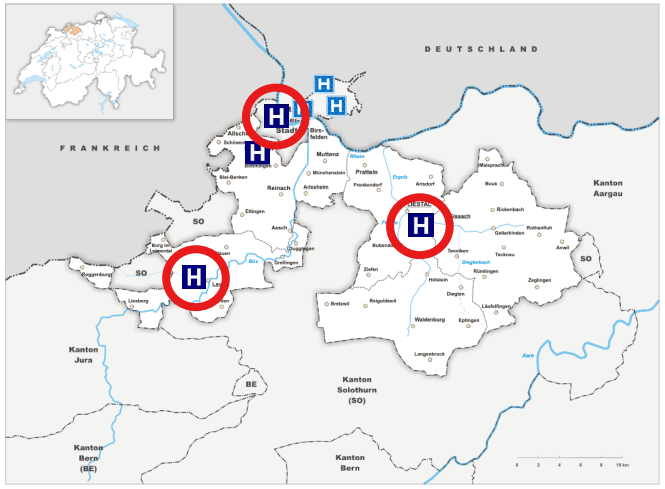
# Study objectives

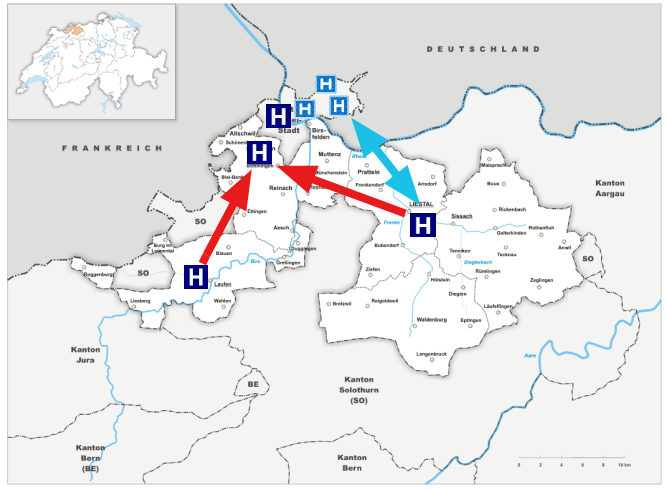
**Up to 2020** **Hospital merger** **2020 onwards**

## Study outcomes

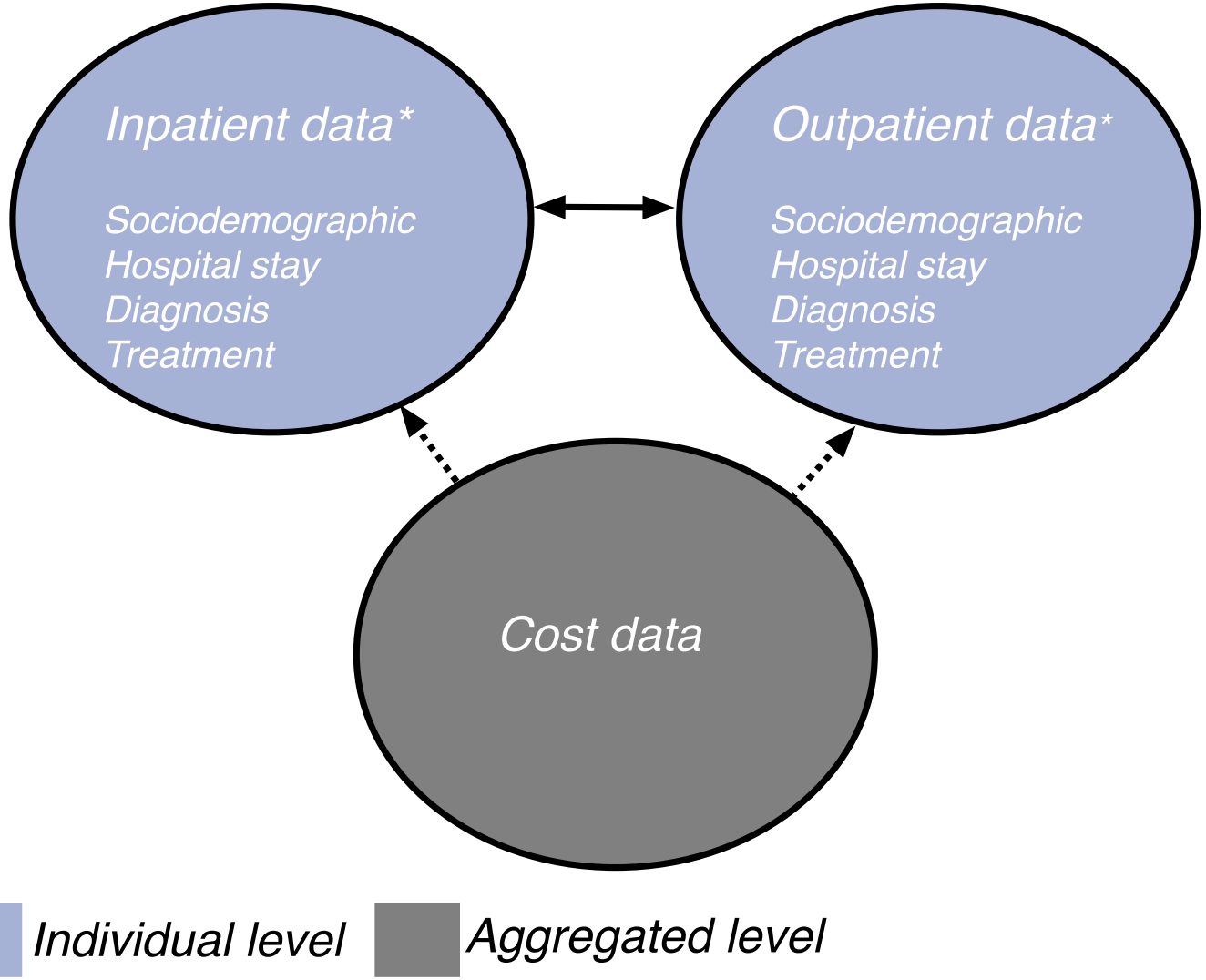
**Medical interventions**
**Medical outcomes**
**Costs**
**Quality indicators**
**Patient trajectories**





# Data sources and variables




* Mandatory **full enumeration** from the Swiss Federal Statistical Office of all Swiss hospitals.

# Conclusions

**Natural experiment of hospital merger in Basel, which provides an unique opportunity to study an explicit change in the health care system**

**Supports policy makers, health care providers and population with evidence on positive and negative effects**

**Likely to prepare a data infrastructure for health care epidemiology in Switzerland**

WIC
WENNBERG
INTERNATIONAL
COLLABORATIVE

74
NRP
Smarter Health Care
National Research Programme

SSPH+
SWISS SCHOOL OF
PUBLIC HEALTH

Universität
Zürich[UZH]