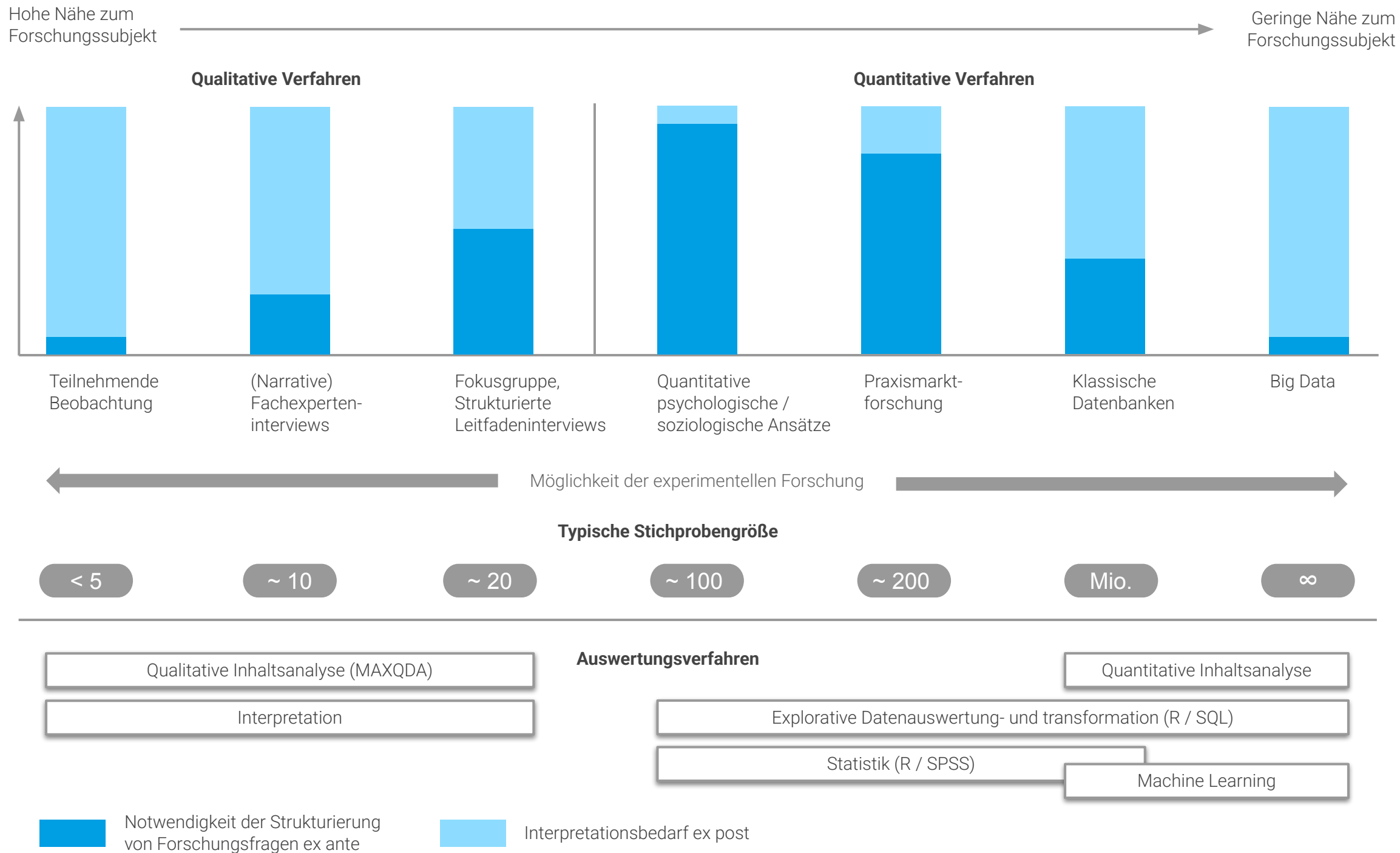




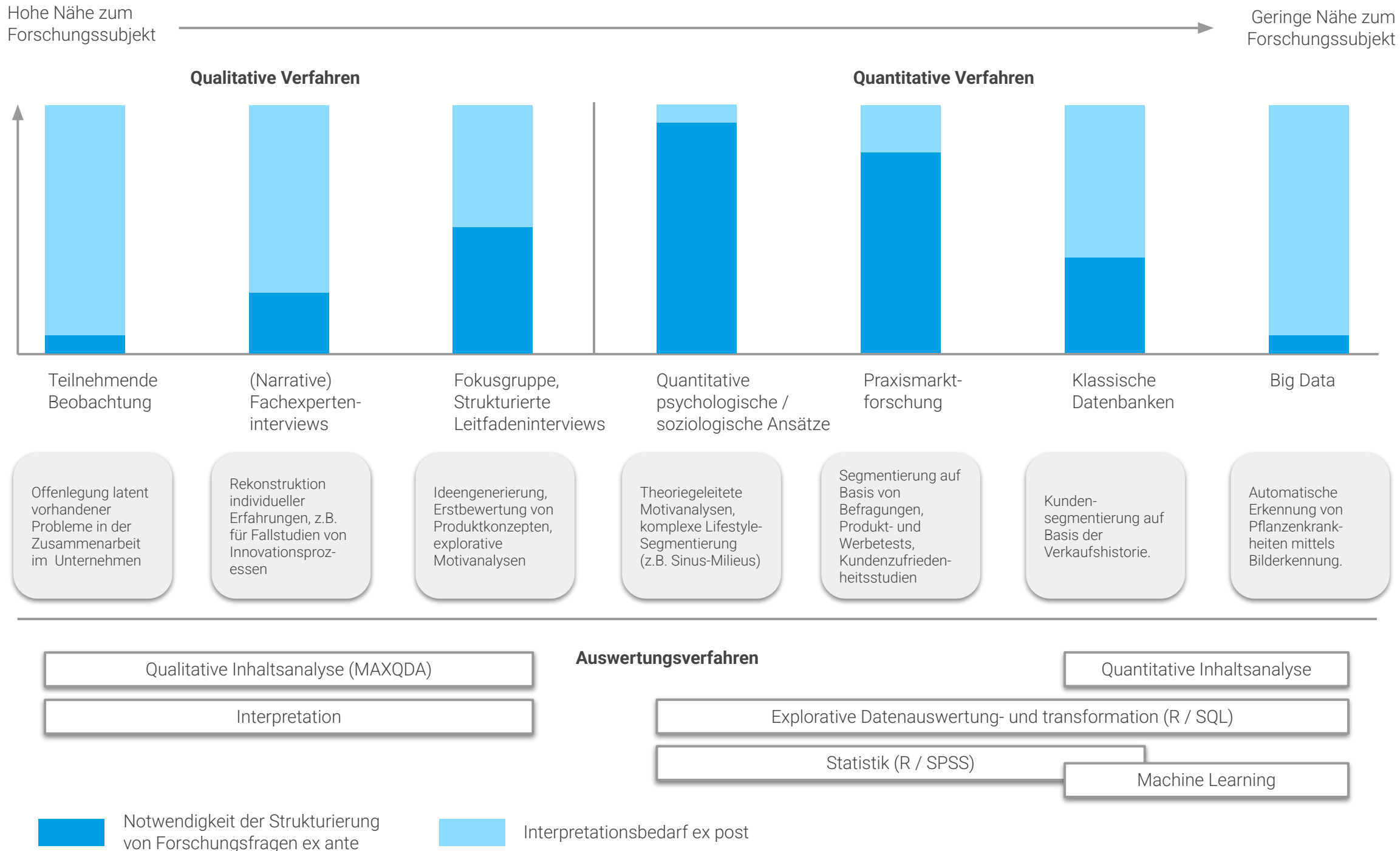
# **DATENERHEBUNGS- VERFAHREN**

## **ÜBERSICHT**

# Datenerhebungsverfahren - Übersicht



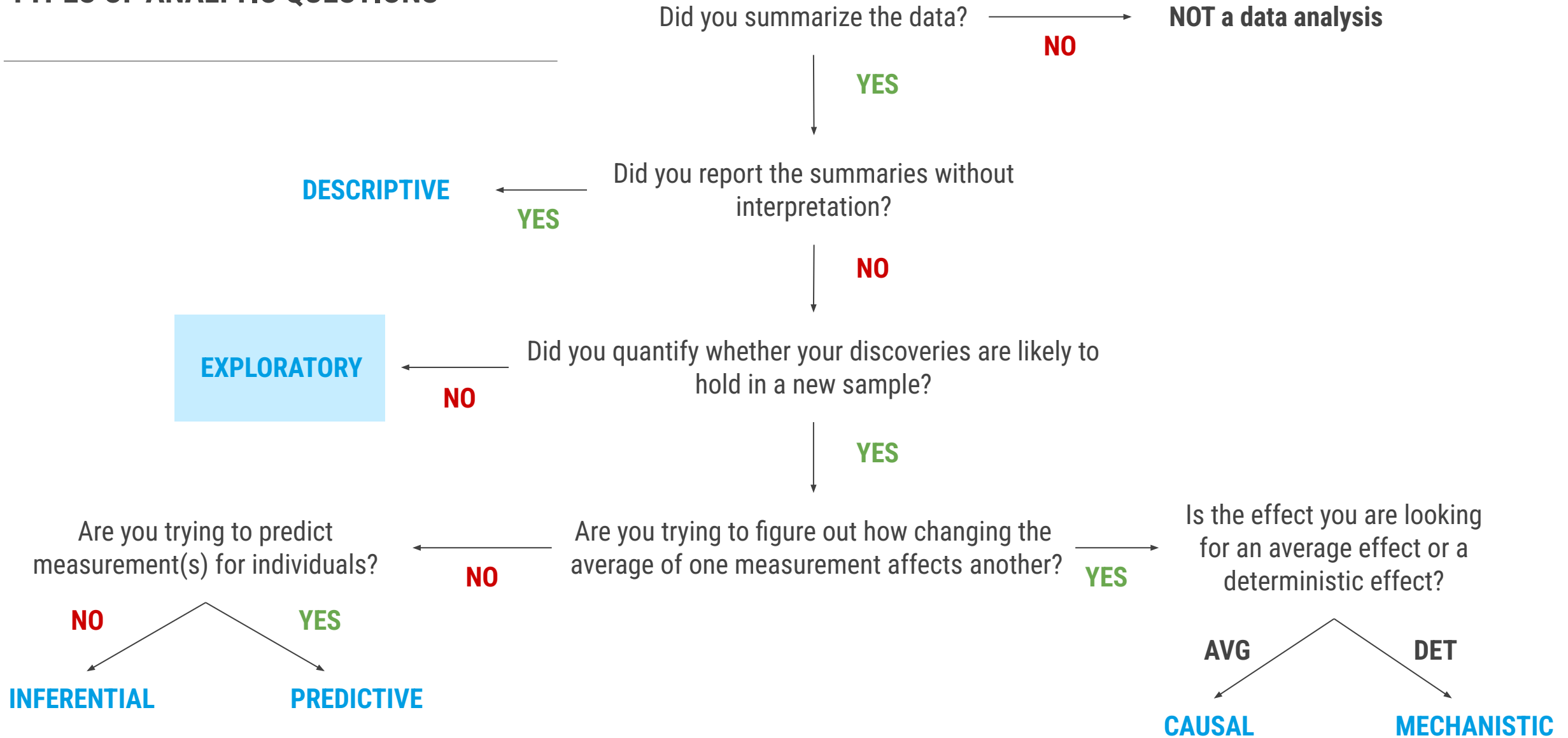
# Datenerhebungsverfahren - Beispiele





# ARTEN VON ANALYTISCHEN FRAGESTELLUNGEN

# TYPES OF ANALYTIC QUESTIONS



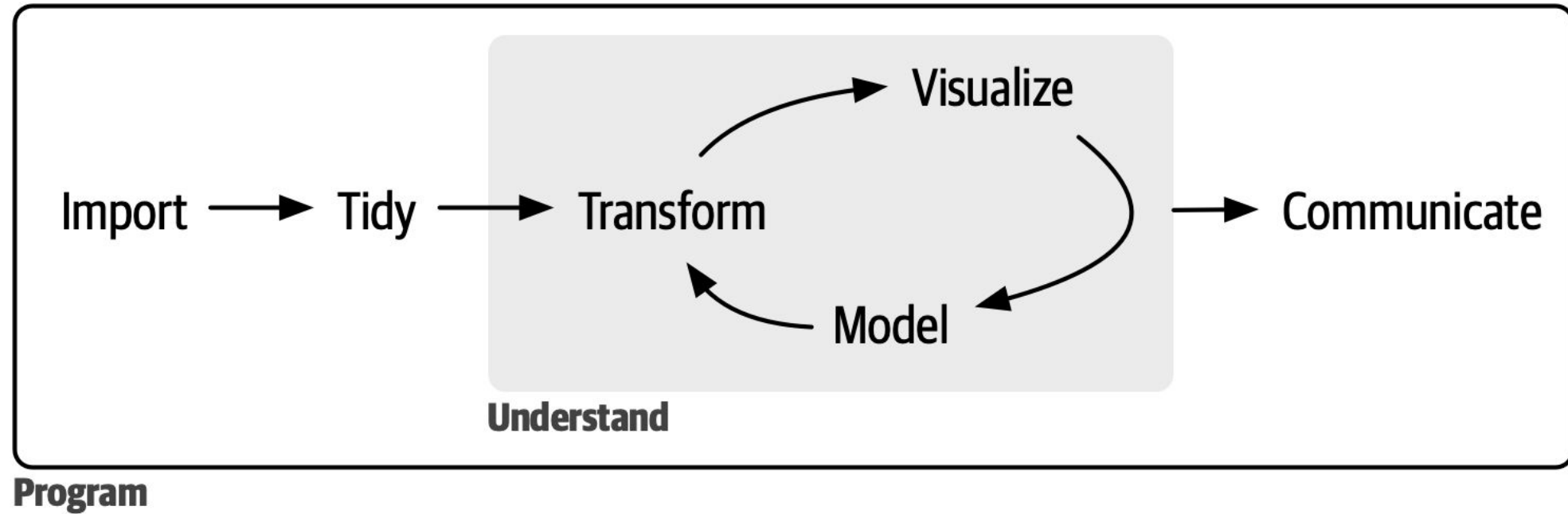
Quelle: Jeffery T. Leek, Roger D. Peng: What is the question? Science 20.03.2015: 1314-1315.



# EXPLORATIVE DATENANALYSE

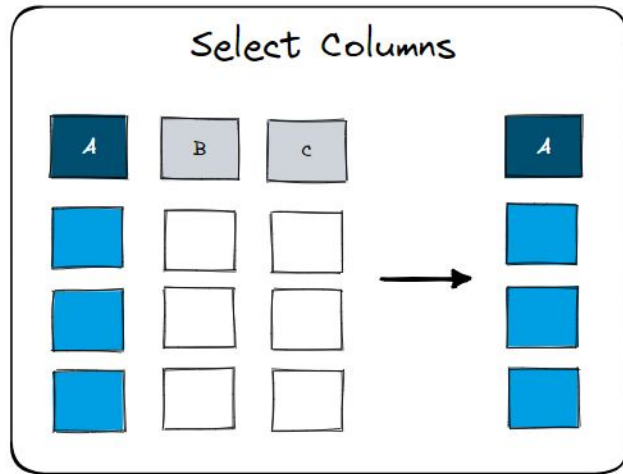
# STEPS IN EDA

---

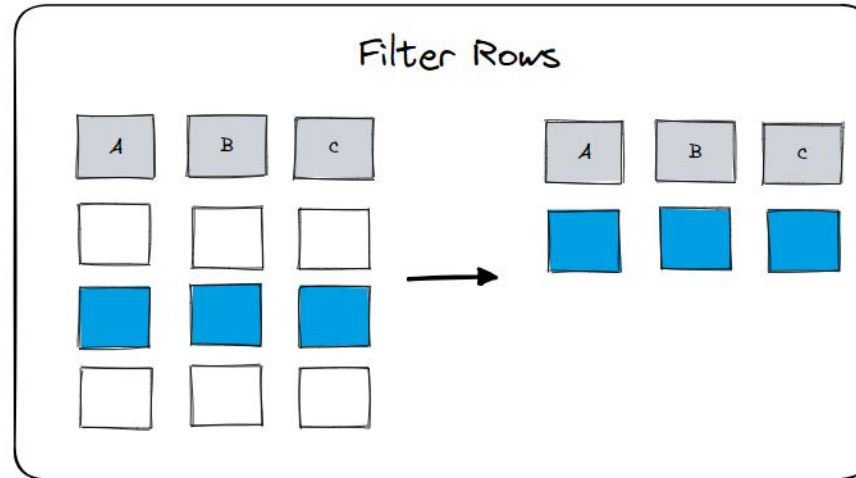


Source: Wickham, Hadley, and Garrett Golemund. R for Data Science: Import, Tidy, Transform, Visualize, and Model Data. First edition, O'Reilly, 2016. URL: <https://r4ds.hadley.nz/diagrams/data-science/base.png>

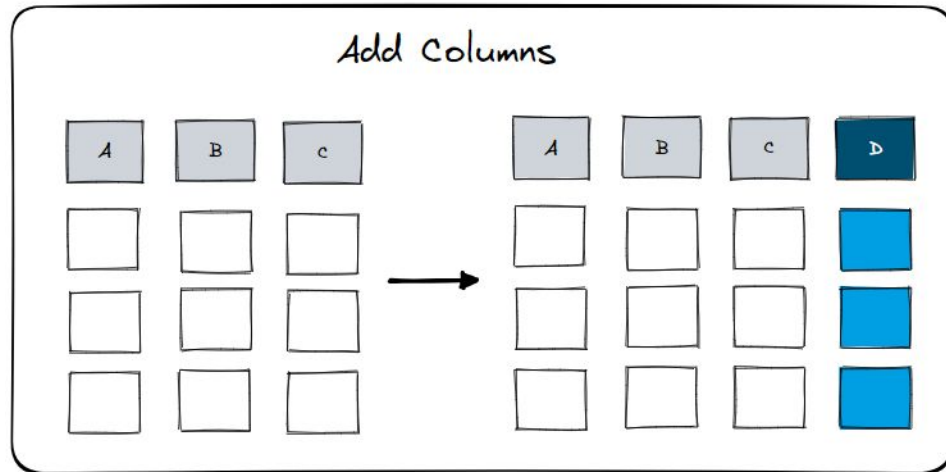
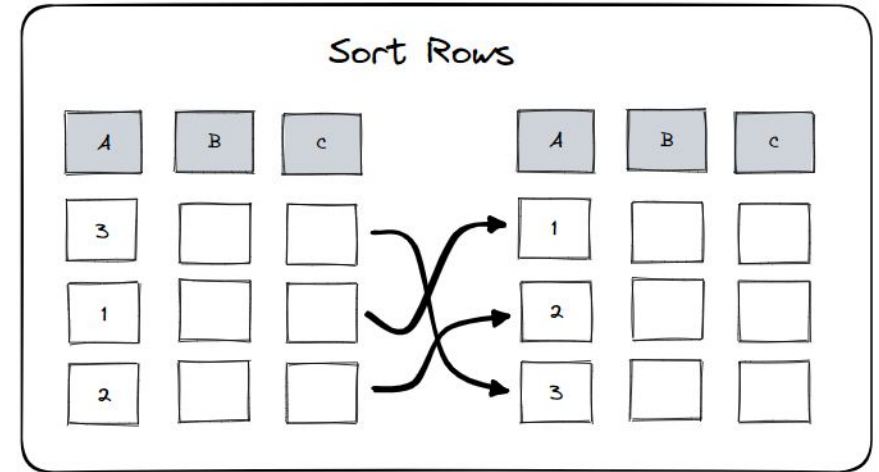
select



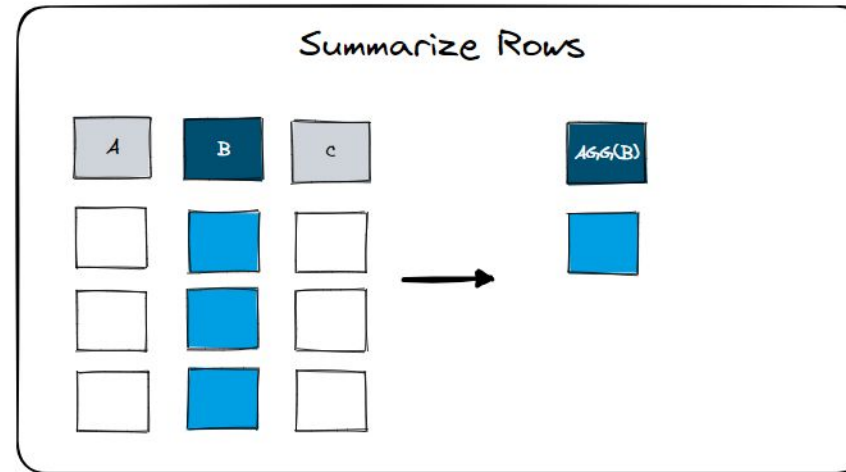
filter



arrange



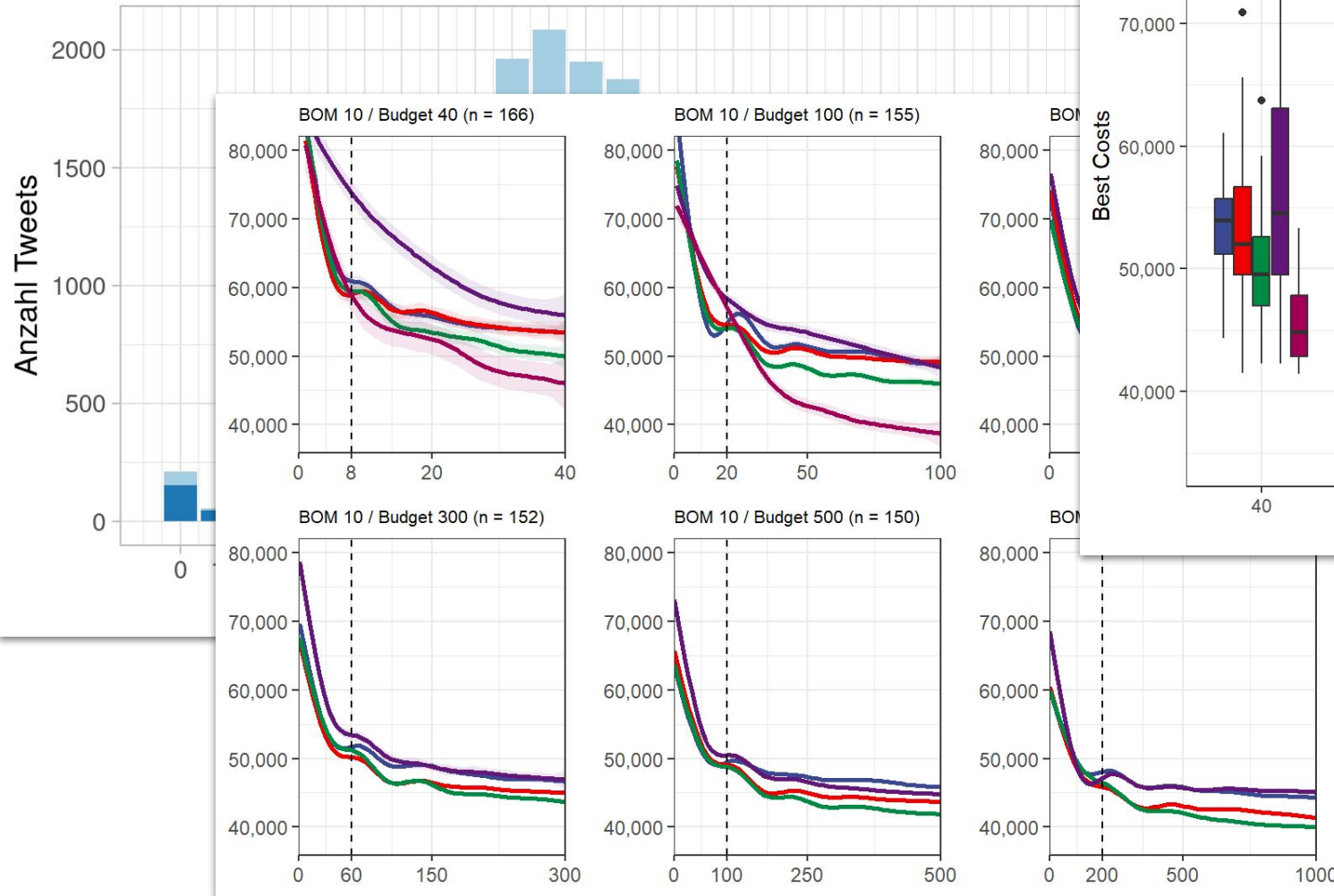
mutate  
transmute



group\_by  
summarize



## Tweets pro Stunde



## Distribution of best costs per algorithm for BOM 10

