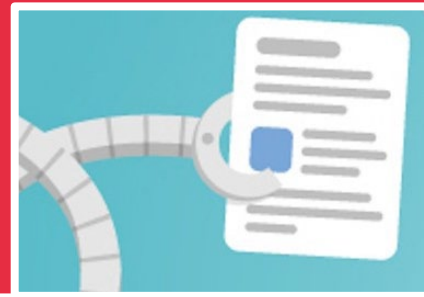


*ICA 2022 Preconference “Understanding the Dynamics of  
(Ir)Responsible AI in Journalism and Algorithmically Shaped  
News Flows”*

*May 26, 2022, Paris, France* 🌸 🗼

Juliane A. Lischka (UHH), Laura Laugwitz (UHH), Nadja  
Schaetz (UHH), Hendrik Meyer (UHH), Lucien Heitz (UZH),  
Katharina Kleinen-von KönigsLöw (UHH)



# When AI Selects Political News: Algorithmic Content Curation and Party Plurality

Procurement → Production → Distribution → Consumption

---

# News Value Chain



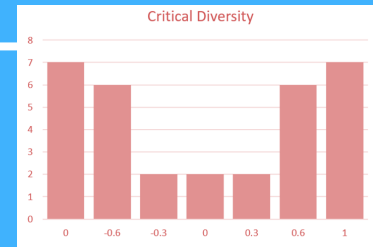
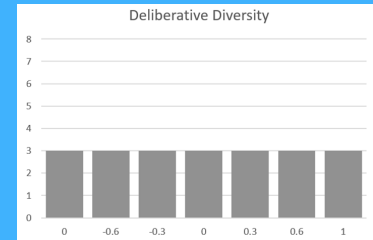
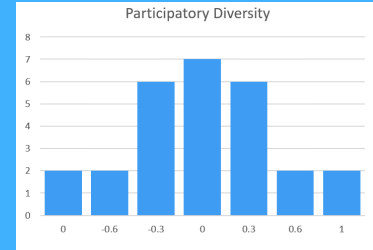
Procurement → Production → Distribution → Consumption

---

# News Value Chain

- News party **visibility** might affect party **preferences** (Eberl, Boomgaarden, & Wagner, 2017; Geers & Bos, 2017; Hopmann et al., 2010)
- We can differentiate (at least) three **visibility regimes** in public spheres (Helberger, 2019)

## Starting Points



# *What are effects of varying party visibilities in personalized political news recommendations on party preferences?*



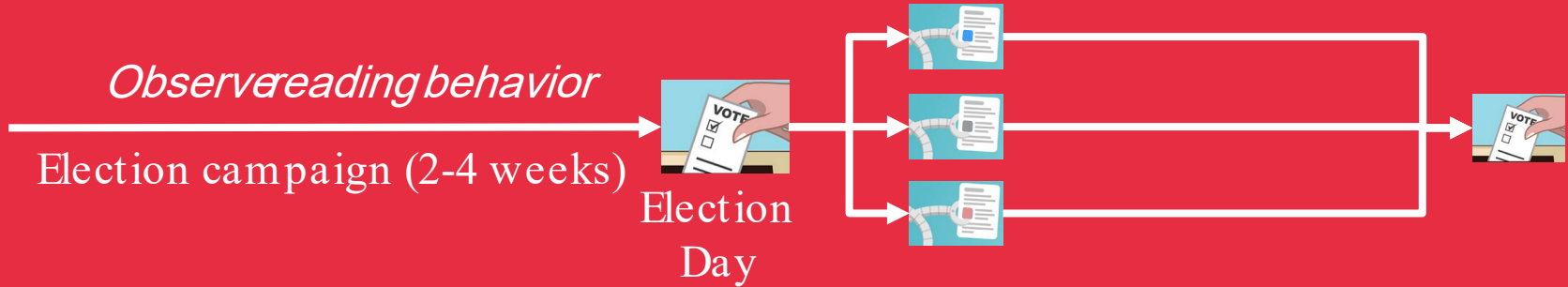
RQ

1. News app aggregates articles in realtime
2. Political parties are identified using **named entity recognition** in each article
3. Recommender creates **visibility** regimes
4. Participants use the news app in election periods

## Study Design



## A. Avoid manipulation of real-world election results

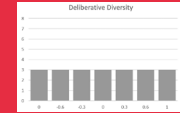


---

## (Ir)responsibility Challenges

## B. Incumbent party visibility will be “natural” news condition (Hopmann et al., 2011)

- Deliberative condition = reducing information
- Feasibility of critical model unlikely



---

# (Ir)responsibility Challenges



## B. Incumbent party visibility will be “natural” news condition (Hopmann et al., 2011)

→ Incumbent party varies per state:

- Lower Saxony: Social Democratic Party (SPD)
- Bavaria: Christian Social Union (CSU)
- Saxony: AfD (“Alternative for Germany”)



# (Ir)responsibility Challenges

- We need to understand effects of automated news recommendations on party preferences
- Experimental design could do it in principle
- Negotiating ethical challenges with potential findings unclear

---

## Bottom Line

Outlook: Founding of an interdisciplinary research group  
("DFGForschungsgruppe")

→ We're in the stage of searching for **project partners** 🙄

Ideas very welcome!

---

**Thank you!**