

Searching Differently?



How Political Attitudes impact Search Queries about Political Issues

Marieke van Hoof

Corine Meppelink, Judith Möller & Damian Trilling







Why search engines?

- Impact political preferences (Epstein & Robertson, 2015)
- Acces point news and political information (Newman et al., 2020; Arendt & Fawzi, 2019)
- (Misleading) reputation of being unbiased and content-neutral (Haas & Unkel, 2017; Courtios et al., 2018)



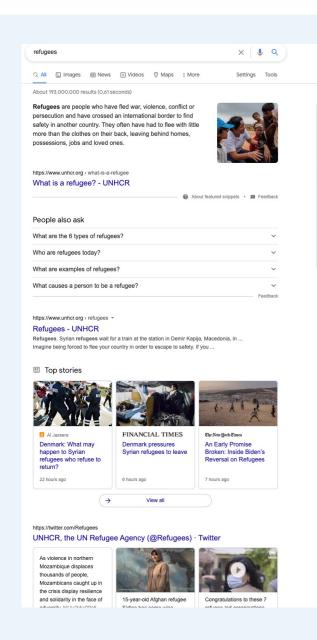


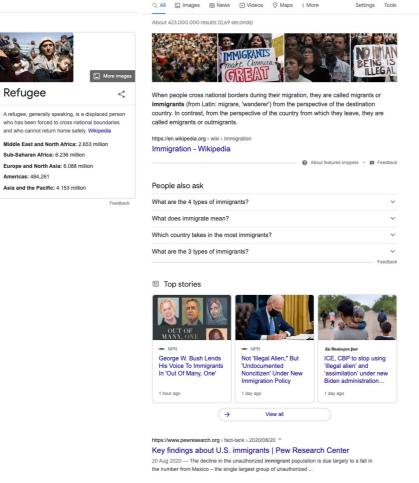
Background (2)



What's the gap?

- Concern about "filter bubbles" (e.g., Bruns, 2019)
- Prior work on algorithm audits (e.g., Robertson et al., 2018; Unkel & Haim, 2019)
- Little known about user choices → search queries
- Searchers choose keywords depending on their political views (Trielli & Diakopoulos, 2020, Slechten et al., 2021)
 - Framing literature
 - Selective exposure





https://www.government.nl > topics > immigration-to-th... *

https://www.ucl.ac.uk > pages > allochtonen *

Immigration to the Netherlands | Government.nl

Information by the Dutch government on immigration to The Netherlands.

immigrants



X 👃 Q

Google Search results page for two search queries: "immigrants" and "refugees"

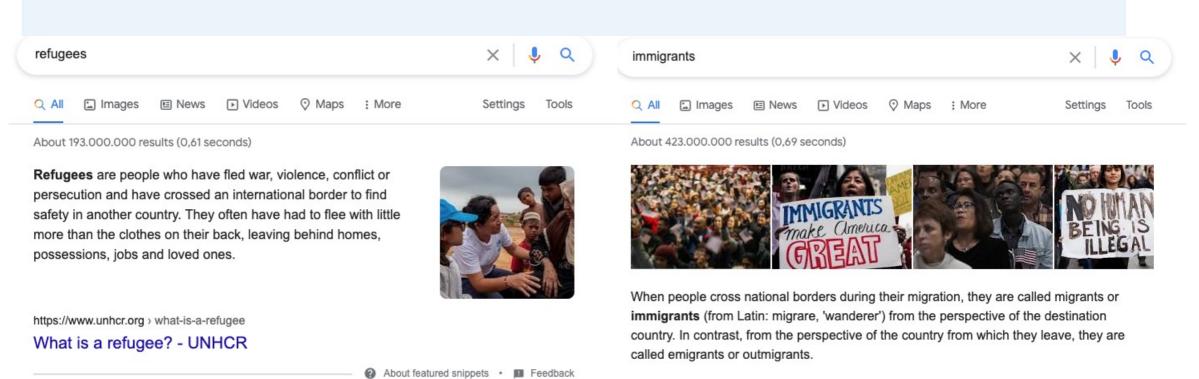








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https://en.wikipedia.org > wiki > Immigration

Immigration - Wikipedia



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Research questions

- How do types of people search for political information on search engines, in terms of the search queries chosen?
- How do these types relate to political and sociodemographic characteristics?

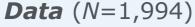
Data and methods







Immigration & climate change in NL



- 3 search queries
- Political characteristics: issue attitudes, issue importance, political orientation, political interest

Methods

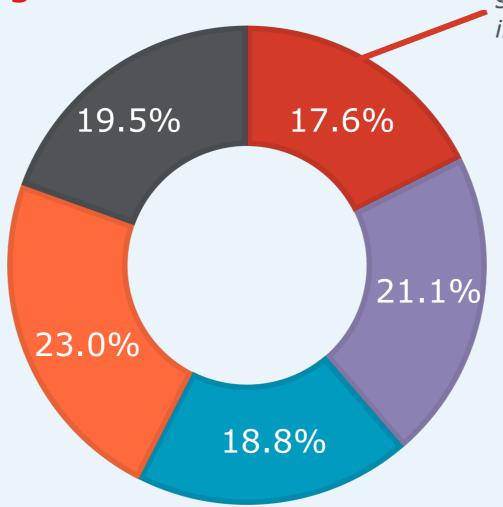
- 1. Qualitative and quantitative coding
- 2. Latent Class Analysis
- 3. Binary logistic regression







Results: Immigration



Statistics & Facts

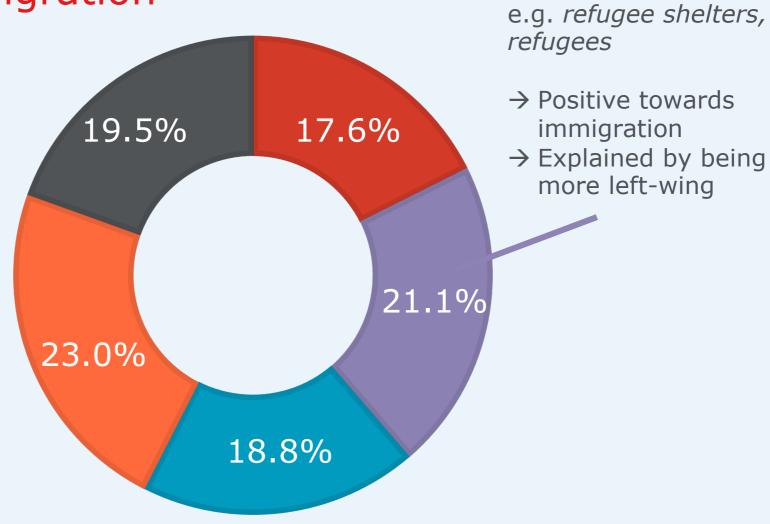
e.g. immigration statistics, immigrants in the netherlands





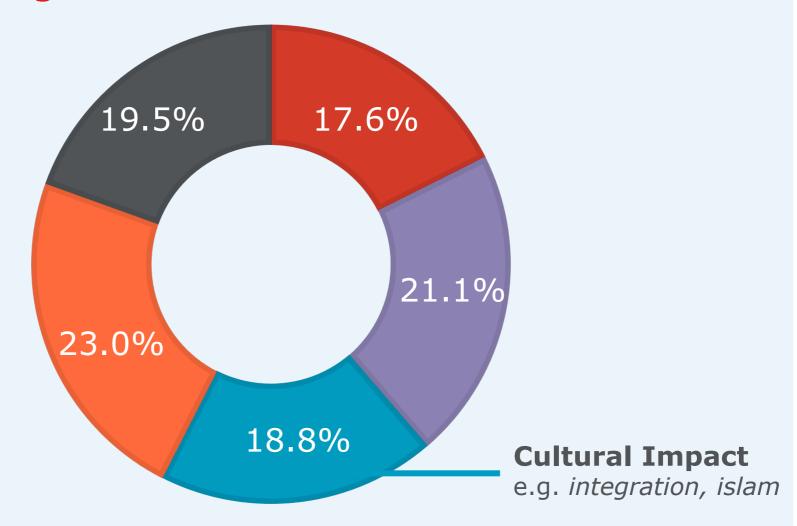
Refugees

Results: Immigration



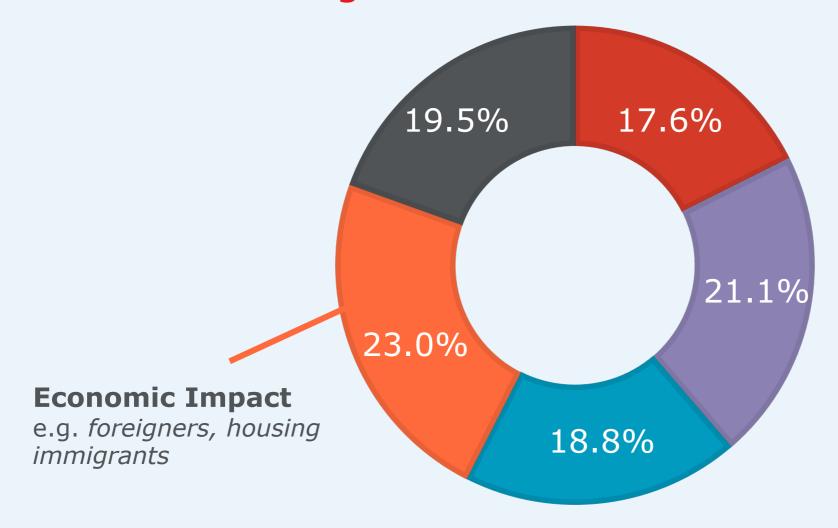


Results: Immigration





Results: Immigration





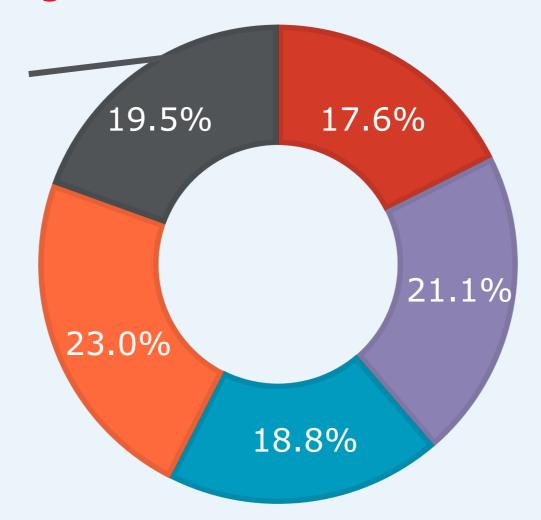


Results: Immigration

Asylum

e.g. asylum seekers, accommodation centre

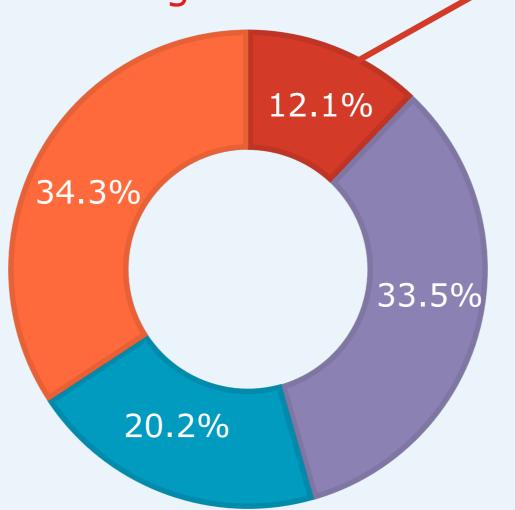
- → Negative towards immigration
- → Not explained by political orientation







Results: Climate change



Solutions

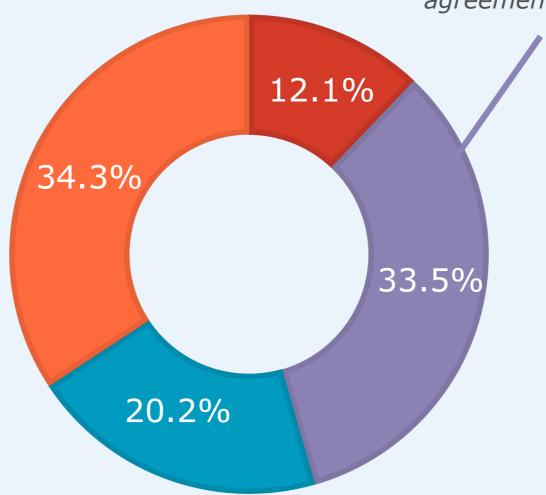
e.g. sustainable living, things to do for the climate





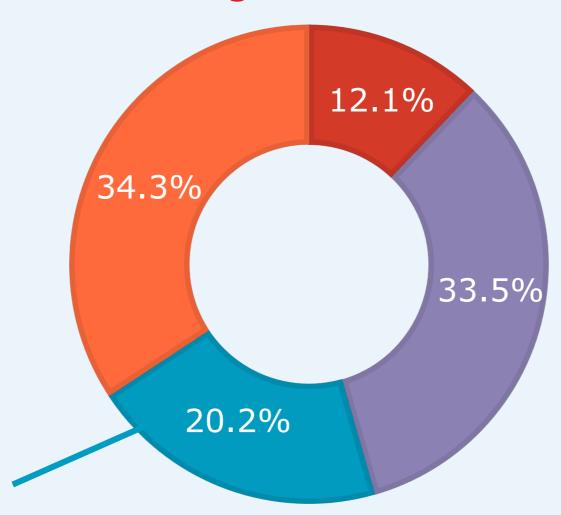
Results: Climate change

Politics & Information e.g. *climate politics, climate agreement*





Results: Climate change

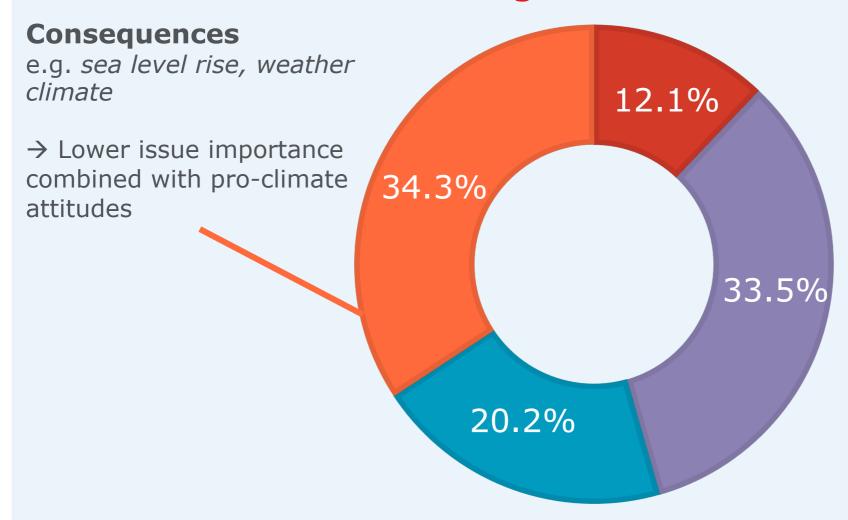


Factors & Actors

e.g. carbon emissions, farmers



Results: Climate change







To conclude

Take-aways

- Search queries important for search results
- Search terms related to political views!
- Findings depend on issue





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Future work

- Self-selection in search results
- User choices ←→ algorithmic personalisation



Thank you! Questions?

Marieke van Hoof

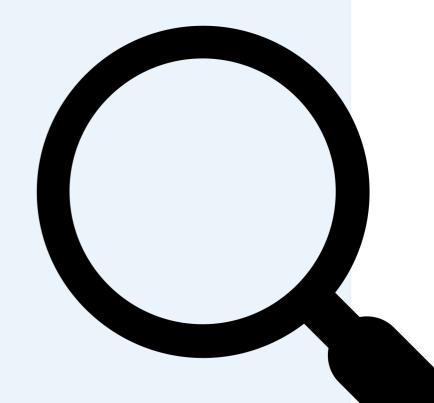


m.vanhoof@uva.nl



@marieke_vhoof

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