UNBias: A toolbox to Understand News Bias
1. **Public concern & news bias**

2. **Overview of toolbox**
   a. Public API
   b. Smartphone app
   c. Browser extension

3. **Demo app**
Source important to keep up with politics?

- Facebook
- WhatsApp
- News app
- Online papers
- Twitter
- Fact checking site
Trust source?

The diagram shows the count of responses on a 4-point agreement scale for different sources:

- Facebook
- Whatsapp
- News app
- Online papers
- Twitter
- Fact checking site

The agreement scale ranges from 1 to 4, with higher numbers indicating higher trust. The count varies across different sources, with some showing a higher concentration of responses at certain levels of agreement.
Concerned about bias?

Graphs showing the count of agreement on various topics:
- Pro Labour
- Anti women
- Anti immigrants
- Pro business
- Anti ethnic groups
- Pro Conservative

The agreement scale ranges from 1 to 4, with a count range from 0 to 600.
Should be more coverage of...

Women’s issues

Local issues

Count

Agreement scale
Would use app

Count

Agreement scale

0
100
200
300
400

1 2 3 4 5
Identifying sexist media coverage

Expert sources, training material for human coders:
- Media guide to Gender Neutral Coverage (WMC 2012)

Corpora from previous computational approaches:
- Waseem and Hovy (2016) hate speech twitter corpus inc. sexist tweets
- Jha and Mamidi (2017) extended to BS on twitter corpus
- 'Gender Decoder' feature lookup designed for job ads

First person accounts:
- everydaysexism.com

User submissions through app & website
First look at most predictive features

But training set still being labelled
1. Public concern & news bias

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   a. Public API
   b. Smartphone app
   c. Browser extension

3. Demo app
unbias API
@ qstep.ex.ac.uk

smartphone app
browser extension
direct access
(website, packages)
1. Public concern & news bias

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3. Demo app
open screencap.mp4