

Are we human, or are we users?

The role of natural language processing in human-centric news recommenders that nudge users to diverse content

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MOTIVATION: WHY?

- Diversity in news RecSys helps democracy
- More focus on the *humans* that interact with recommenders
- Beyond user as a mere datapoint.

LATITUDE OF DIVERSITY

- Definition: **“individual user’s acceptance of diverse recommendations”**
- User & their situational openness towards diversity at the centre of the recommendation process
- Diversity nudges and helps prevent backfire effects

ETHICAL CONSIDERATIONS

- Nudging & user autonomy
- User data & privacy
- News RecSys & power
- Language models & bias

We propose using an individual’s *latitude of diversity* for viewpoint diversity, and identify a PIPELINE and RESEARCH AGENDA:

