Aligning Social Media Feed Rankings with Users’ Values

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Social media feeds that are delivered to users embed certain values. But these values are not necessarily aligned with the values that users want to see in their feed.

**Our vision**: give users value-consistent feeds using tools that they can control.

**How do we measure values anyway?**
We borrow the Schwartz’s Theory of Human Values from Social Psychology, which provides validated instruments for capturing personal and societal values.

**Reranking feeds based on values**
We use a classifier (Kiesel et al. ACL ’22) to detect Schwartz’s values in social media posts and offer users a suite of interfaces that enable them to specify which values they want represented in their feed.

The interfaces range from more expressive, albeit more complex:

- Conducting experiments to understand how these interfaces vary along:
  - Expressivity & control
  - Complexity of use
  - Consistency of the values in the obtained feed with user’s
  - User satisfaction with the obtained feed

- **Field deploy** this tool as a browser extension so users can re-rank their social media feed in real-time based on values they deem important.
- **Study how reranking feeds to prioritize different values affect various outcomes including user’s personal values, emotions, and post engagement.**

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**Value clusters that a user can choose from, e.g.:**
Achievement, influence, Pleasure, enjoying life, Creativity, egalitarianism, harmony