

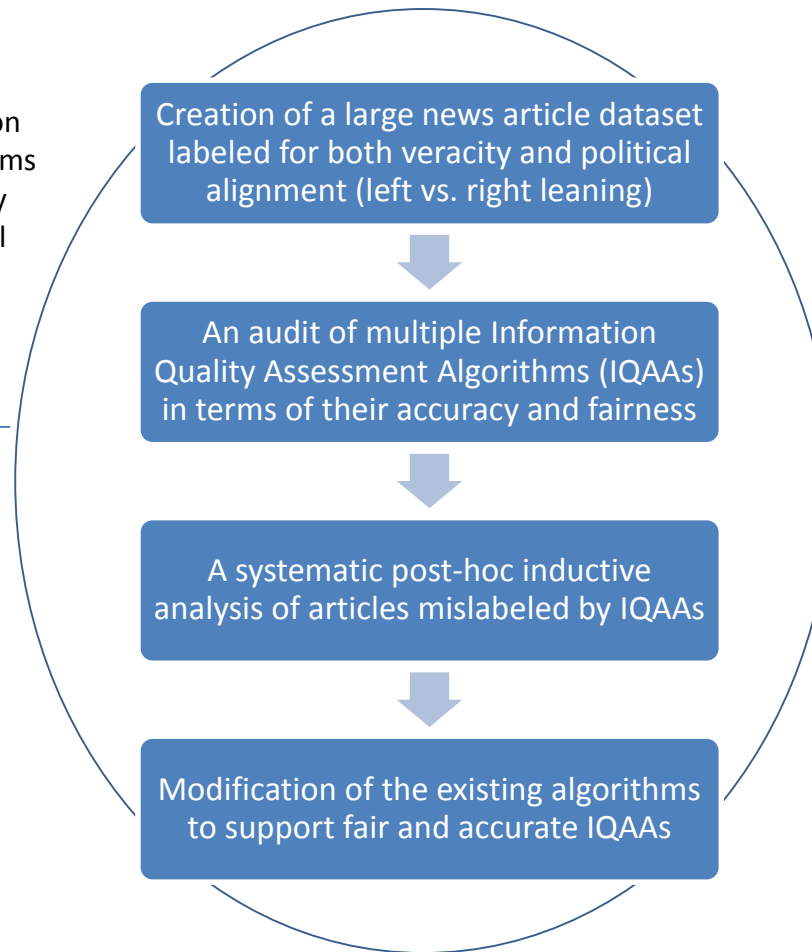
EAGER: SaTC: Early-Stage Interdisciplinary Collaboration: Fair and Accurate Information Quality Assessment Algorithm

Challenge:

- Creating accurate Information Quality Assessment Algorithms (IQAAs) that perform equally well regardless of ideological leaning of the content.

Solution:

- Multiple approaches will be explored. For instance, the raw feature values for articles within left/right orientations will be normalized to get a *within-category* relative ranking for the feature before it is used by the classification algorithm



Scientific Impact:

- Perceived bias is a major barrier to adoption of IQAAs.
- Identify potentially systematic differences between how misinformation targets left-versus right-leaning audiences

Broader Impact:

- Help improve the security and integrity of our media, information, and political institutions.
- Results will be shared with news and media companies
- Interdisciplinary training for students in social sciences and data science.