1. Motivation

Most discussion-worthy claims don’t have a single correct answer. Understanding such non-trivial claims usually requires insights from various perspectives.

Ideally, we want to develop an automatic system to discover and identify such perspectives, along with supporting evidence paragraphs.

With the Perspectrum dataset proposed in Chen et al. (2019), we present PerspectroScope, an open-source web-based system that extracts and visualizes a diverse set of web perspectives with respect to an input claim.

2. System Design

3. Interface Design

Perspective Visualization: Retrieved perspectives are placed into For/Against column and ranked by their relevance.

Evidence Retrieval: Upon user request, the system retrieves the most likely evidence for the perspective.

User feedback: Users have the option to tell us whether a perspective is good or not based on the quality of the predictions.