Touché @ CLEF 2024
Shared Tasks on Argumentation Systems

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touche.webis.de
Touché 2024: Argumentation Systems

Goals

- Platform for argument retrieval and argument analysis research [touche.webis.de]
- Argument corpora and rankings [touche.webis.de/data]
- Tools for submission and evaluation [tira.io]
Touché 2024: Argumentation Systems
Statistics over 4 years

- Registrations: 163 teams
- Submissions: 74 participating teams
- Approaches: 243 valid runs were evaluated
- Evaluation: 36,633 manual judgments
Scenario: Users want to find different views (expressed by values) in texts

Task: Given a text, detect for each sentence
   Subtask 1: which human values it refers to and
   Subtask 2: whether it signals (partial) attainment or constraint of the value

Data: > 3 000 news+manifestos, 9 languages, 400 to 800 words each

Example:
The budget for last year’s government policies on defence went out of control.

Value (Subtask 1): Power: Resources
Attainment (Subtask 2): (Partially) constrained
Task 2: Multilingual Ideology and Power Identification in Parliamentary Debates

 Çağrı Çöltekin, Nikola Ljubešić, Katja Meden, Tomaž Erjavec, Vaidas Morkevičius, Matyáš Kopp

- **Scenario:** To better understand how political ideology the role of the speaker affects parliamentary debates

- **Task:**
  - **Subtask 1:** Given a transcribed speech, the political orientation of the speaker’s party
  - **Subtask 2:** Whether the speaker belongs to a governing party (coalition)

- **Data:** Speech samples from 26 national and 3 regional parliaments from the ParlaMint project, including automatic English translations
Task 3: Image Retrieval/Generation for Arguments (joint task with ImageCLEF)
Maximilian Heinrich, Johannes Kiesel, Martin Potthast, Benno Stein

- **Scenario:** Reinforce the effect of an argument with images
- **Task:** Retrieve/generate images to convey an argument’s premise
- **Data:** > 10,000 web images and Stable Diffusion API

**Claim:** Boxing should be banned!
**Premise:** Boxing can cause serious injury to your body.

![Boxing image](image1.png) retrieved from dataset
![Boxing image](image2.png) generated with Stable Diffusion

More details and Data
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Synopsis/Call

Decision-making and opinion-forming are everyday tasks that involve weighing pro and con arguments for or support people in decision-making and opinion-forming and to improve our understanding of these processes featuring three tasks.

Shared Tasks

- Human Value Detection
- Ideology and Power Identification
- Important Dates
- Image Retrieval/Generation