CLEF 2024 JOKER Lab: Automatic Humour Analysis

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JOKER Track Motivation

- Humour is one of the most important aspects of social interaction.
- Humour understanding is still a challenge for AI and NLP
- Conversational agents can be engaged in humorous interactions and generate humorous content but it is risky
- Automatic humor classification could help to develop more sophisticated NLP and IR models
- AI requires quality and quantity of data for training and testing

CLEF 2024 JOKER Tasks

Tasks under discussion for 2024:

- Task 1: **Sentiment analysis of short humorous text** in English
- Task 2: **Humour classification** in English
  - Genres (Slapstick, Satire, Parody, Observational Humour, Dark Comedy, Improvisation, Surreal Humor)
  - Humour techniques used to identify specific mechanisms or strategies employed to create humour (Irony, Sarcasm, Exaggeration, Incongruity, Absurdity, Self-deprecating humour, Wit, Surprise etc)
- Task 3: **Humour-aware retrieval**
  - Current IR models ignorant of non-topical aspects that are important to users.
- We have additional data on 2023 tasks (tasks in 2024?)
- We also welcome runs within the unshared task with other, possibly novel, use cases, such as pun generation or humourousness evaluation.

Task 1: Fine-grained sentiment analysis of humorous texts

- *Sentiment Detection* is a predictive classification task where the goal is to catalog short humorous texts. Participants predict sentiments such as *anger, surprise, disgust, enjoyment, fear, and sadness*. These sentiments are related to the humour's meanings and intentions.
    - Humour can help defuse anger by offering a different perspective, highlighting the absurdity of a situation, or providing a comedic outlet for expressing frustration.
    - Humour thrives on surprising the audience and subverting expectations.
    - Humour can transform disgust by using exaggeration, absurdity, or satire to highlight the repulsive elements in a comedic context.
    - Humour is inherently tied to enjoyment.
    - Humour can help alleviate fear by providing relief and a sense of safety.

- *Humour location* is a fine-grained task, where the goal is to identify which texts carry humour and which texts do not contain humour.

Task 2: Humour classification

- In *Humour classification*, (1) Genres (Slapstick, Satire, Parody, Observational Humor, Dark Comedy, Improvisation, Surreal Humor) (2) Humour techniques used to identify specific mechanisms or strategies employed to create humor (Irony, Sarcasm, Exaggeration, Incongruity, Absurdity, Self-deprecating humor, Wit, Surprise etc).

(1)   hen the church bought gas for their annual barbecue, proceeds went from the sacred to the propane.

(2)   I used to be a banker but I lost interest.

Thank you !
Participate in our track !

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