

# Augmenting opinion strength classifiers with political radicalism priors trained on social media data

Master/Bachelor Thesis

## Motivation

Recent works show that extreme partisans have a similar cognitive profile, showing that partisanship isn't just a matter of political orientation, but a matter of intensity of one's beliefs. Similarly, when a person expresses their opinion towards a specific socio-political issue, they can be dogmatic or receptive. Based on these works, we hypothesize that there are common linguistic, psychological and emotional attributes between extreme partisans and users who express their opinions strongly. In order to test our hypothesis, we wish to extract the linguistic attributes that are indicative of extreme or moderate partisanship - regardless of political direction. In turn, by processing the users' posts on social media, we aim to automatically identify the author's opinion intensity towards various socio-political issues in a zero-shot scenario.

## Difficulty

### Analysis



### Programming



### Literature



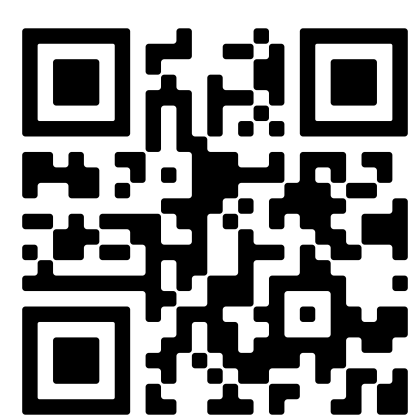
## Task Description

- Employ various classification algorithms for identifying (a) the extremity of partisanship and (b) extremity of opinion on two social media datasets
- Extract the linguistic, psychological and emotional features indicative of political radicalism and test their generalizability on identifying opinion intensity
- Perform an error analysis

## Contact

Prof. Dr. Lucie Flek &  
Dr. Flora Sakketou

✉ sakketou@mathematik.uni-marburg.de



<https://www.studiesweekly.com/confronting-political-polarization-in-the-classroom/>

## References

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- [3] Julia A. Minson and Frances S. Chen. Receptiveness to opposing views: Conceptualization and integrative review. *Personality and Social Psychology Review*, 0(0):10888683211061037, 0. PMID: 34964408.