Word embeddings for predicting political affiliation based on twitter data

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1 Investigated Problem

The modern world of social media knows a plethora of means to communicate ones personal opinion and political alignment. With the platform *Twitter*, figures of political interest are expressing their standpoints in small-sized 144-character texts, which contain a comprised message specific to the general public. This yields great potential for automated analysis of party affiliations to classify political persons of interest within the political spectrum.

[.. #taskDescription & why do this in the first place ..]

2 Literature Research

A thorough introduction to political affiliation analysis was provided in *"Predicting political party affiliation from text" by Biessmann et. al.*, where political motives were shown to be consistently predictable with an accuracy better than chance.

[.. papers for methods deployed in example paper and/or our later approaches ..]

3 Considerations towards Data

According to the presented task description of analyzing political affiliation based on Twitter-data, the final comparison occurs on the basis of **tweets** made by political figures on the platform Twitter.

Along the ground work established in *"Predicting political party affiliation from text" by Biessmann et. al.*, the learning models are also deployed against **parliament discussion data** as well as **party manifesto data** to establish a categorical groundwork.

[.. more specifically: which data should be used how ..]

[...]

4 Deployed Methods

[.. which algorithms / categories of algorithms to test first/second/third ..]
[.. which approaches may yield which types of results; generally: what is to be expected? ..]