

Ideas for Approaches

Natural Language Processing, Summer Semester 2021

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Language Model Approach

- ▶ Using BERT we can create the following input structure
 - ▶ *[CLS]* argument *[SEP]* Key Point
- ▶ Hence learning contextual relations between words

pro	con
often used as baseline	computationally intensive
often good results but not too good	might need to use DistilBERT

Language Model Approach cont.

- ▶ [StabMSRG2018] showed that integrating topic information "has a strong impact on argument prediction"
- ▶ Therefore maybe use BICLSTM and integrate topic information only on i and c gates

References