Abstract

We present TARGER, an open source neural argument mining framework, which comes with a web interface and API for neural argument mining and retrieval. It can tag arguments in free texts and retrieve arguments from the Common Crawl-based DepCC corpus (Panchenko et al., 2018).

TARGER’s Assets

◦ Easily accessible web interface and RESTful API
◦ Simple to incorporate into existing NLP pipelines
◦ Web-scale retrieval of argumentative sentences
◦ Various models pretrained on diverse datasets

Conclusions

◦ User-friendly web interface and easily accessible RESTful API for argument mining
◦ Easily re-trainable models on standard datasets
◦ Next steps:
  • Integrating models based on ELMo (Peters et al., 2018) and BERT (Devlin et al., 2019)
  • Tackling the problem of domain-specific argument tagging

References


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