

Natural Language Process for Legal Court Cases

Project Information:

- **Keywords:** Natural Language Processing, Network Analysis
- **Involved Packages:**
 - Python: `pdfminer`, `LexNLP`, `nltk` `sklearn`
 - R: `igraph`

Work Description:

1. Parse court documents, extract citations from raw text.
2. Build citation network, identify important cases in the network.
3. Extract judge's opinion text and meta information including opinion author, court, decision.
4. *On going*: Model training to predict court decision based on opinion text.