Concept Map on Semantic Role Labeling

Subjects, predicates, and more

Sentence

Parser

Features

includes

Identification process

Arguments

Pruning

Finalized Arguments

Goes through

Classifier Preparation

Classifier

Includes

Neural Network, SVM, and more

Goes through

Supervised training

Uses

Data repository

Includes

Framenet

Has

Semantic role annotated sentences

Includes

The proposition bank

Has

Process includes

Optimization

Outputs

Performance evaluation

Trained classifier

Outputs

Classified arguments

goes through

Re-ranking probabilities optimization

includes

Global Optimization