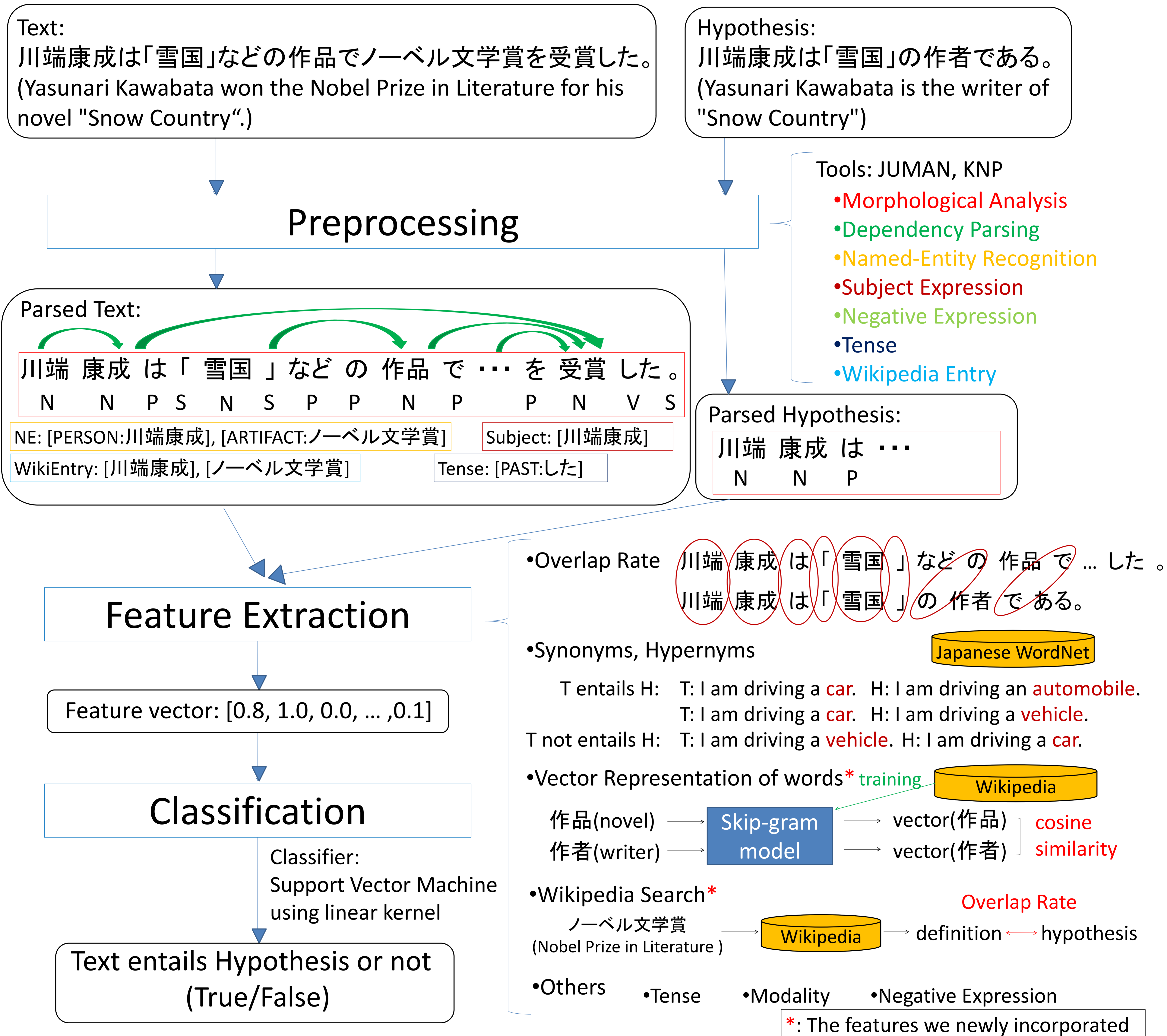


NAK Team's System for Recognition Textual Entailment at the NTCIR-11 RITE-VAL task

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System Overview



Results

Feature selection of each "system run"

- RITEVAL-NAK-JA-SV-01: Overlap Rate
- RITEVAL-NAK-JA-SV-02: All Features
- RITEVAL-NAK-JA-SV-03: Without Overlap Rate
- RITEVAL-NAK-JA-FV-01: All Features
- RITEVAL-NAK-JA-FV-02: Overlap Rate

Classification using alignment features attains better performance than semantic features. We will find better semantic features in future work.

Table 1: Formal Run Results of RITEVAL task

"System Run" Name	Macro F1	Accuracy
RITEVAL-NAK-JA-SV-01	62.02	73.89
RITEVAL-NAK-JA-SV-02	63.19	74.55
RITEVAL-NAK-JA-SV-03	54.14	72.23
RITEVAL-NAK-JA-FV-01	53.07	55.36
RITEVAL-NAK-JA-FV-02	51.12	60.82

Table 2: Development Run Results

Macro F1	Accuracy
63.10	72.66
65.79	74.33
57.88	69.98

Training dataset that we used in formal run has a defect in that we used only 2 training datasets without 6 datasets. In development run, we use all training datasets.