結構化機器學習期末報告

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Multi-Text classify

MR - 2

News - 4

STD-13

BERT

Fc - 2 → Loss 1

Fc - 4 → Loss 2

Fc - 13 → Loss 3
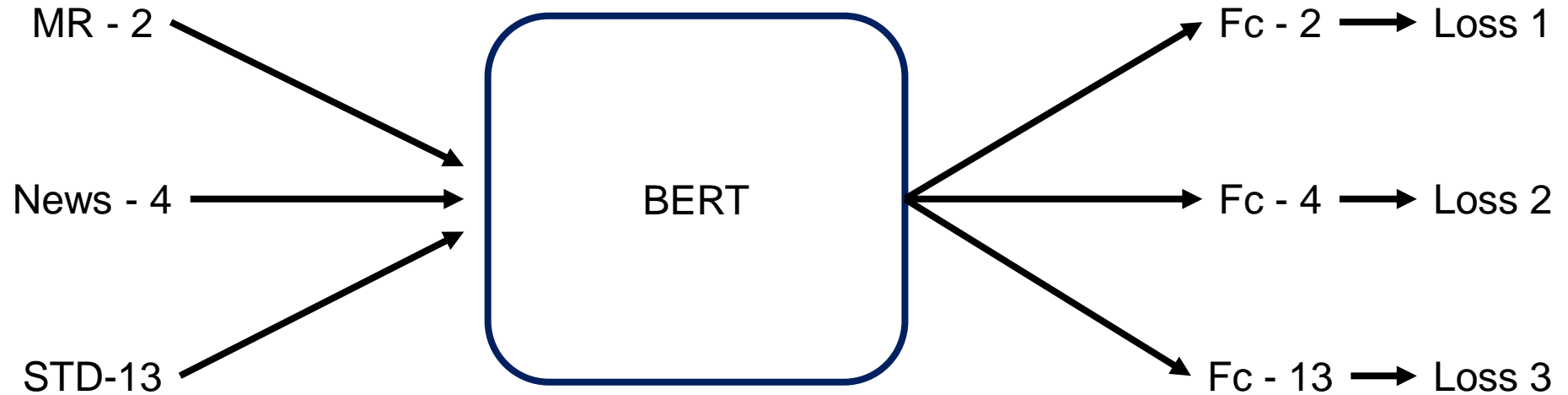
Other experiment

- ## BERT :
  - 12 layers attention -> 1 layer attention (2-layer NN)
  - Test accuracy : 86% -> 76% (train 3 epochs)

- ## CNN (2014) :

  - Convolutional layer + 1-layer NN

  - Test accuracy : 74%~76% (train about 50 epochs)

- ## Embedding of BERT + CNN :

  - Test accuracy : 76%~77% (train 4 epochs), 74%~75% (20 epochs), 72% (100 epochs)

Code, Dataset and Checkpoints

- Checkpoint :
  - https://drive.google.com/drive/folders/1hHRSeI8sAFPvX8dDfNCfNtSPsPftg1U-?usp=sharing

- Dataset :
  - https://drive.google.com/drive/folders/1alW8WSPd1k3pbHnQVl9XU4jlZcw83Qxv?usp=sharing

- Code :
  - https://gitlab.com/yungping/ml_report.git