Graph Structure Learning Based on Novel Regularization for Incremental Edge Pruning

This paper elaborates on how to utilize the code and data provided. The paper is available in two versions: one in .md format and the other in .pdf format, with both versions containing identical content.

Requirements

The code provided in the supplementary materials runs on Python and requires the following packages: torch.

Training

To train the GNN model, please read the comments from lines 312 to 338 in train.py, and run this command:

```
python train.py
```

The trained model are saved in 'output/'.

Uncomment lines 6-7 in the SGSL.py file to select the SGSL-enhanced GNN model.