第五次实验

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- 一. 实验要求:训练满足以下条件的 TransE、 TransH 模型,并获取测试性能
- 1. Embedding size = 100
- 2. 数据集为 WN18RR
- 二. 实验过程:
- 1. WN18RR 数据集引入

```
train_dataloader = TrainDataLoader{
  in_path= " ./benchmarks/WN18RR/",
    ......}
```

test_dataloader = TestDataLoader("./benchmarks/WN18RR/","link")

- 2. 调整模型参数:
- (1) TransE 模型
 - nbatches=50
 - dim=100 (Embedding size = 100)
 - > train_times=10
- (2) TransH 模型
 - > nbatches=50
 - dim=100 (Embedding size = 100)
 - train_times=10
- 3. 模型训练
- (1) TransE 模型训练

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图 1.TransE 模型训练

(2) TransH 模型训练

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图 2.TransH 模型训练

- 三. 实验结果:
- 1. TransE 模型训练结果

图 2.TransE 模型训练结果

2. TransH 模型训练结果

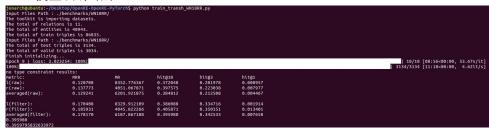


图 4.TransH 模型训练结果