**TransE**

*n-to-n给出Hits@10即可*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WN18** | | **FB15k** | | **n-to-n** | |
| **Hits@10** | **MeanRank** | **Hits@10** | **MeanRank** | **head** | **tail** |
| **0.6652** | **513.62** | **0.3070** | **303.59** | **0.2456** | **0.3024** |

**TransH**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WN18** | | **FB15k** | | **n-to-n** | |
| **Hits@10** | **MeanRank** | **Hits@10** | **MeanRank** | **head** | **tail** |
| **0.6825** | **432.32** | **0.3502** | **290.72** | **0.2972** | **0.3281** |

**TransR**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WN18** | | **FB15k** | | **n-to-n** | |
| **Hits@10** | **MeanRank** | **Hits@10** | **MeanRank** | **head** | **tail** |
| **0.6822** | **455.71** | **0.3492** | **301.73** | **0.3081** | **0.3328** |