|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset** | **Model** | **EPOCH** | **Recall** | | **Precision** | | **HR** | | **NDCG** | |
| Amazon-Book | NDCG | 50 | Train | 0.08176 | Train | 0.02601 | Train | 0.35662 | Train | 0.13728 |
| Test | 0.19619 | Test | 0.01277 | Test | 0.60838 | Test | 0.21411 |
|  |  | 100 | Train | 0.08085 |  | 0.02565 |  | 0.35334 |  | 0.13447 |
|  |  |  | Test | 0.1198 |  | 0.01271 |  | 0.60610 |  | 0.21151 |

Recall\_\_\_0.08085, 0.1198

Precision\_\_\_0.02565, 0.01271

HR\_\_\_0.35334,

Amazon Book Dataset Detail:

n\_users=29858, n\_items=40981

n\_interactions=1027370

n\_train=810128, n\_test=217242, sparsity=0.00084

@Mo, I know you are very busy to catch up the deadline and you are only interested in result…But the main reason to send an updates from myside is to just make all of you aware that it’s really complex to reproduce the same code and environment which was used in 2018. It took me 10 days to modify the whole code and solve the dependencies across the various files and converted to colab version. Now the code is general and it is suitable for colab, jupyter as well as python CLI.

@Mo, In previous mail you have mentioned “Making the code run is not only our research’s purpose. We need to understand how the code generate the results.”

I know the making the code run is not our purpose but to understand the result your code must be in running condition.