Appendix

Online Experiments

We conduct a careful online A/B testing on a real-world micro-video recommendation platform. The goal of the recommendation platform is to increase users' stickiness and activity. The experiment duration is three days, from 2022-0802 to 2022-0804, and is under the bucket tests. One bucket is selected for baseline and another bucket for our model. Each bucket serves about 0.2 million users per day. And the current baseline for the online model is BST, which capture the knowledge of user behavior sequences by transformer. During three days of A/B testing, compare with the baseline, our method contributes up to 10.84% number of browsing videos per user and 2.96% dwell time per user. These results indicate that our method is more efficient than the baseline in terms of increasing the users' stickiness and activity and further demonstrate its value in real-world scenarios.