Learning Rate vs Model Performance (Metrics @K) | Random Single Cluster Pair --> Heterogeneous 0.0001 0.0001 0.5 0.001 0.001 0.14 0.01 0.01 0.1 0.1 1.0 1.0 0.12 -0.4 10 10 0.10 Precision 8.0 F1-Score 0.06 0.2 0.04 0.1 0.02 0.00 0.0 20 40 60 80 20 60 80 40 0 N Articles Recommended N Articles Recommended 0.0001 0.001 0.01 0.08 0.1 1.0 10 0.06 Reca = 80.0 0.02 20 40 60 80 N Articles Recommended