Learning Rate vs Model Performance (Metrics @K) | Random Single Cluster Pair --> Homogeneous 1.0 1.0 0.001 0.001 0.01 0.01 0.1 0.1 1.0 1.0 8.0 8.0 10 10 15 15 20 20 50 50 0.6 100 0.6 100 Precision F1-Score 500 500 0.4 0.4 0.2 0.2 0.0 ← 0.0 25 25 50 75 125 150 175 50 75 100 125 150 100 175 N Articles Recommended N Articles Recommended 1.0 0.001 0.01 0.1 1.0 8.0 10 15 20 50 100 0.6 500 Recall 0.4 0.2 0.0 25 125 75 100 175 50 150 N Articles Recommended