Regularization Constant vs Model Performance (Metrics @K) | Random Single Cluster Pair --> Heterogeneous 0.0001 0.0001 0.5 0.001 0.001 0.150 0.01 0.01 0.1 0.1 0.0 0.0 0.4 0.125 1.0 1.0 10.0 10.0 0.100 0.3 F1-Score 540.0 Precision 0.2 0.050 0.1 0.025 0.000 0.0 20 80 40 60 20 60 80 40 0 N Articles Recommended N Articles Recommended 0.0001 0.10 0.001 0.01 0.1 0.0 0.08 1.0 10.0 0.06 Recall 1 0.02 0.00 20 40 80 60 N Articles Recommended