Regularization Constant vs Model Performance (Metrics @K) | Random Single Cluster Pair --> Heterogeneous 0.0001 0.0001 1.0 0.001 0.001 0.25 0.01 0.01 0.1 0.1 1.0 1.0 0.8 0.20 0.6 F1-Score Precision 0.10 0.4 0.05 0.2 0.00 0.0 20 60 80 20 60 40 40 80 0 N Articles Recommended N Articles Recommended 0.0001 0.175 0.001 0.01 0.1 0.150 1.0 0.125 0.100 0.075 0.050 0.025 0.000 -0.02520 40 80 60 N Articles Recommended