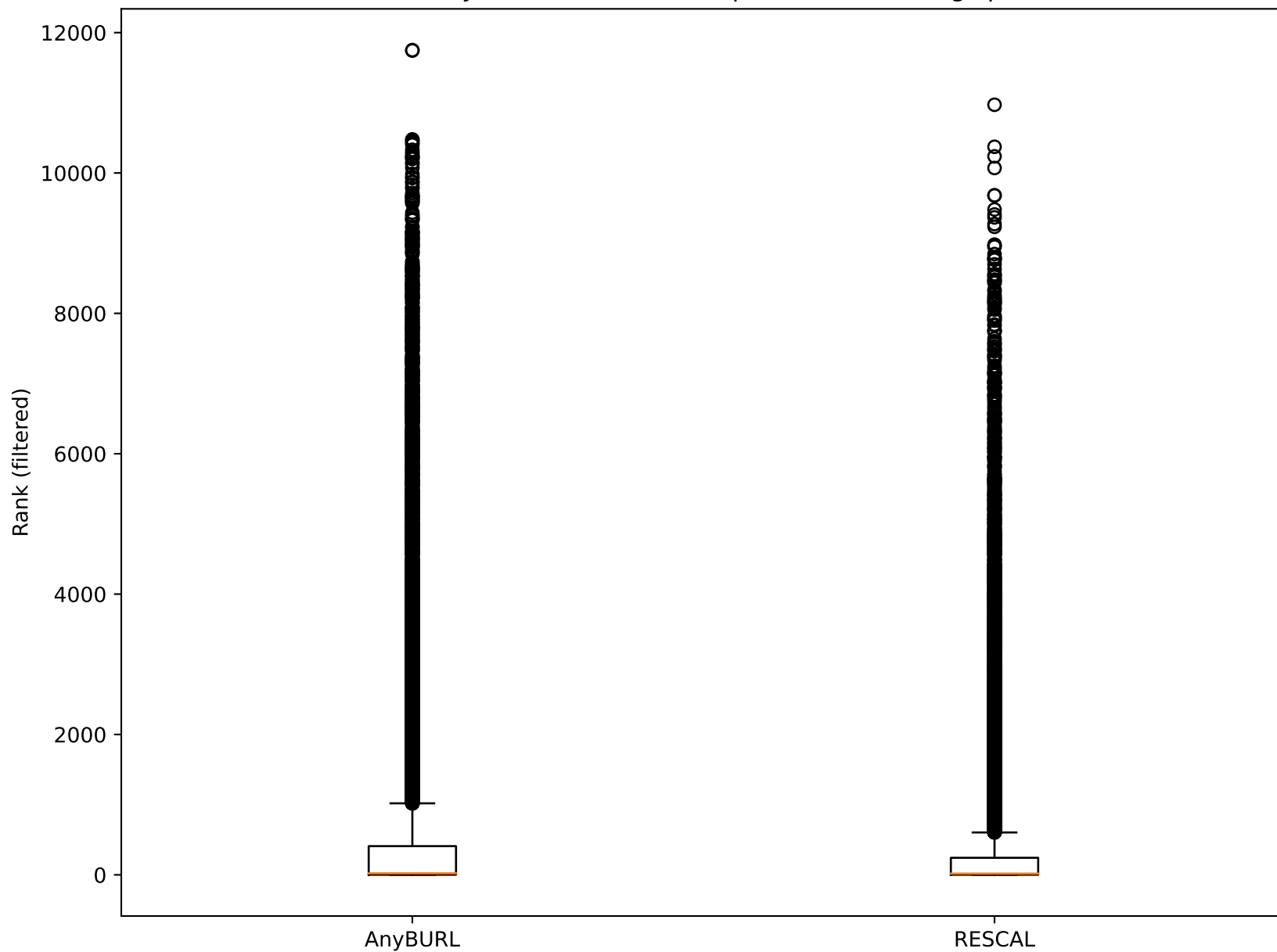


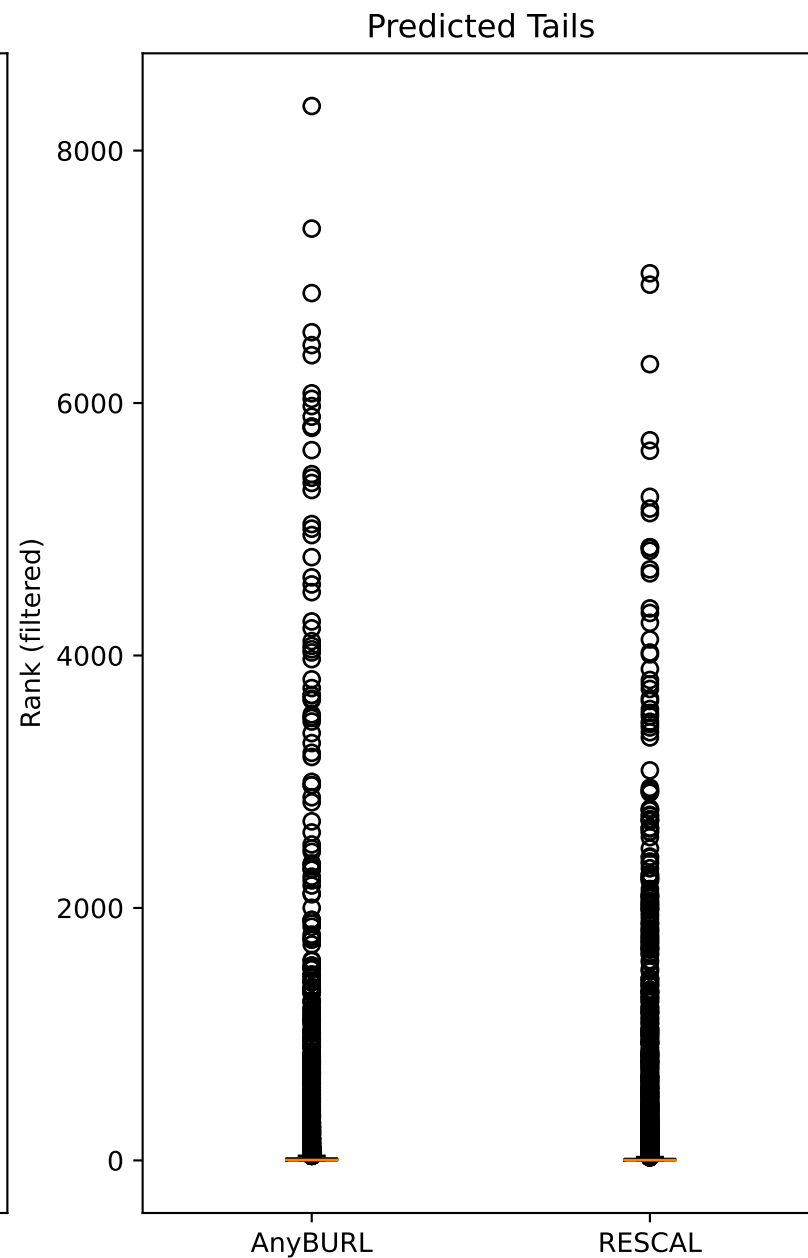
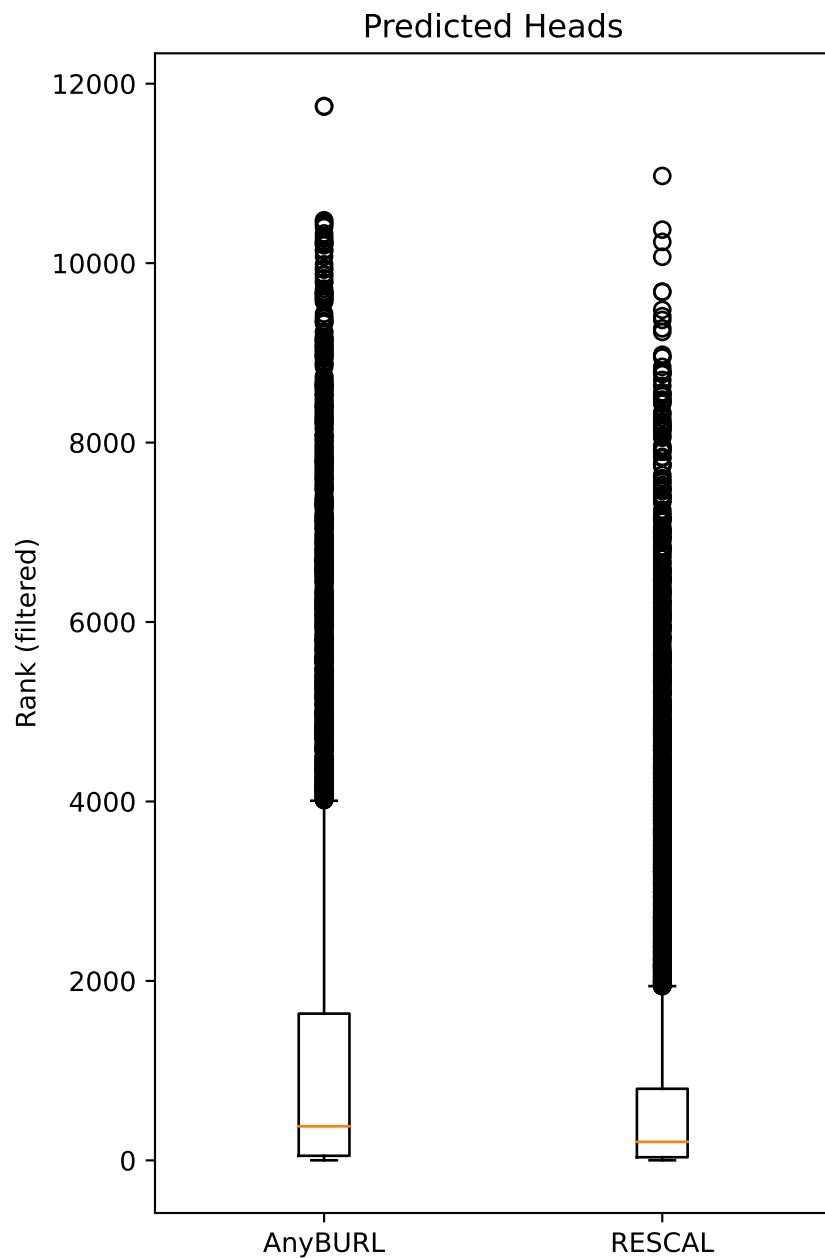
(codex-m, AnyBURL, RESCAL) Metrics

	MRR	Hits@1	Hits@10	Hits@100
AnyBURL	0.299	0.231	0.431	0.636
RESCAL Combined	0.307	0.231	0.453	0.668
RESCAL 1	0.330	0.254	0.476	0.688
RESCAL 2	0.335	0.260	0.479	0.692
RESCAL 3	0.329	0.252	0.477	0.688
RESCAL 4	0.334	0.257	0.478	0.693
RESCAL 5	0.335	0.258	0.481	0.695

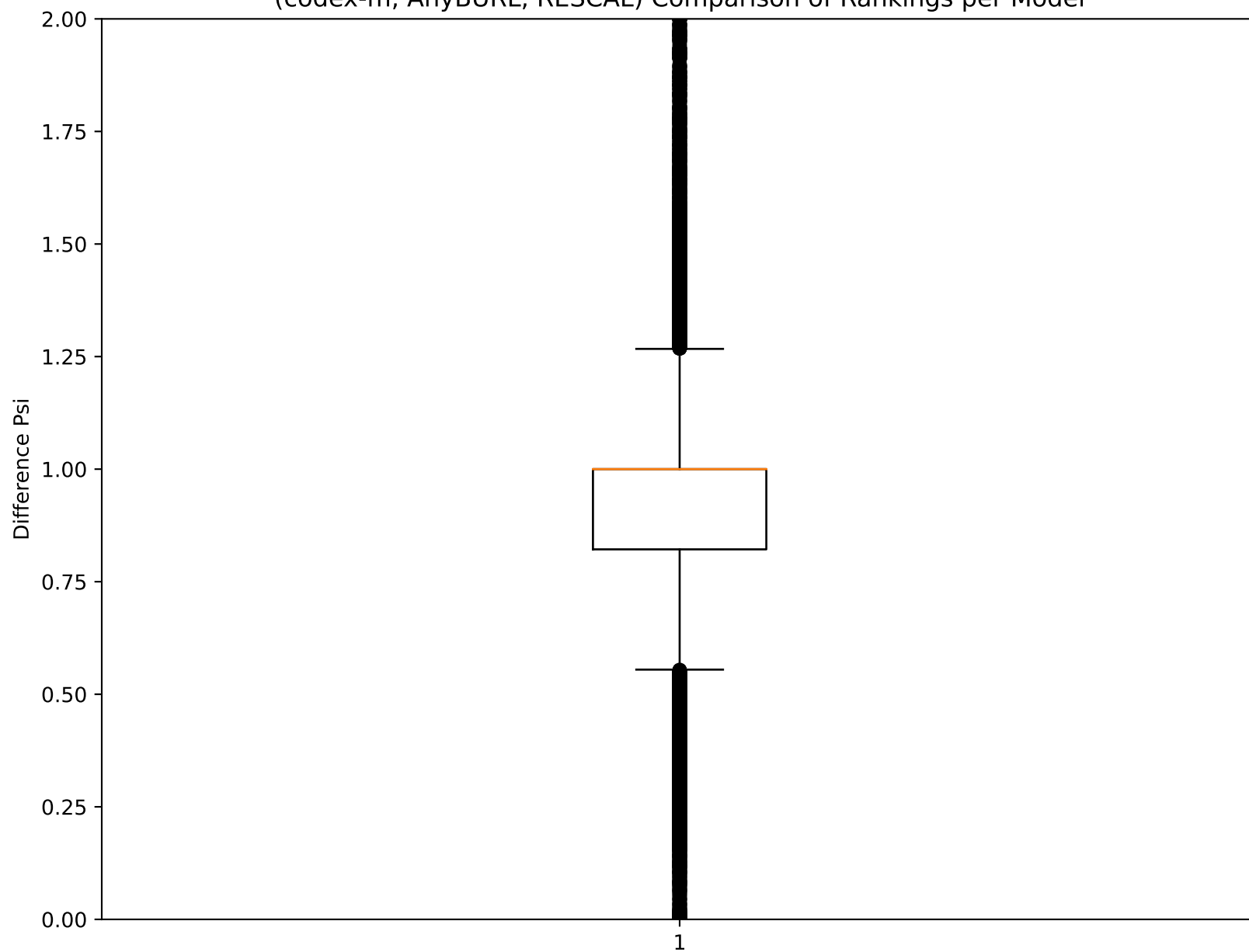
(codex-m, AnyBURL, RESCAL) Comparison of Rankings per Model



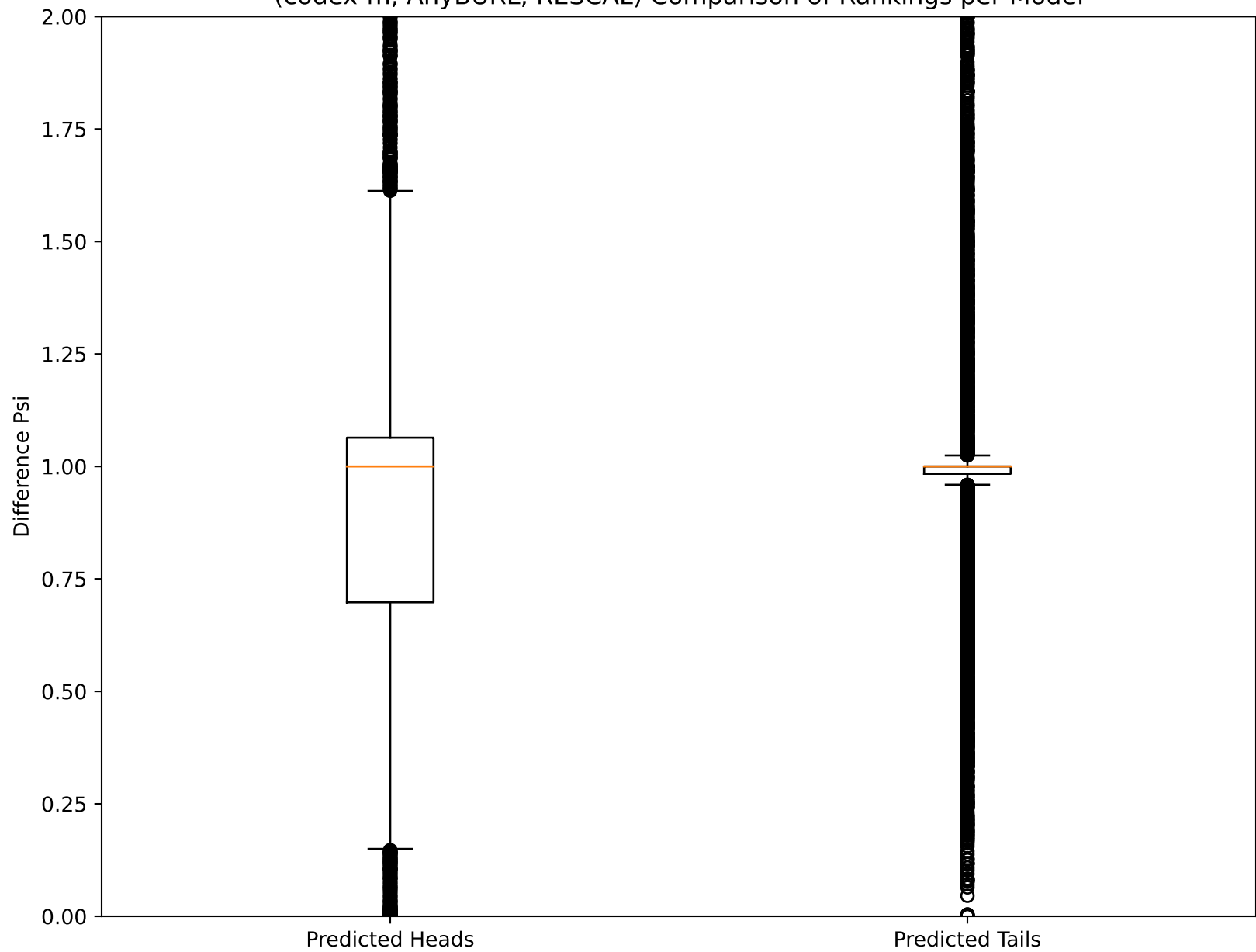
(codex-m, AnyBURL, RESCAL) Comparison of Rankings per Model and Prediction Direction



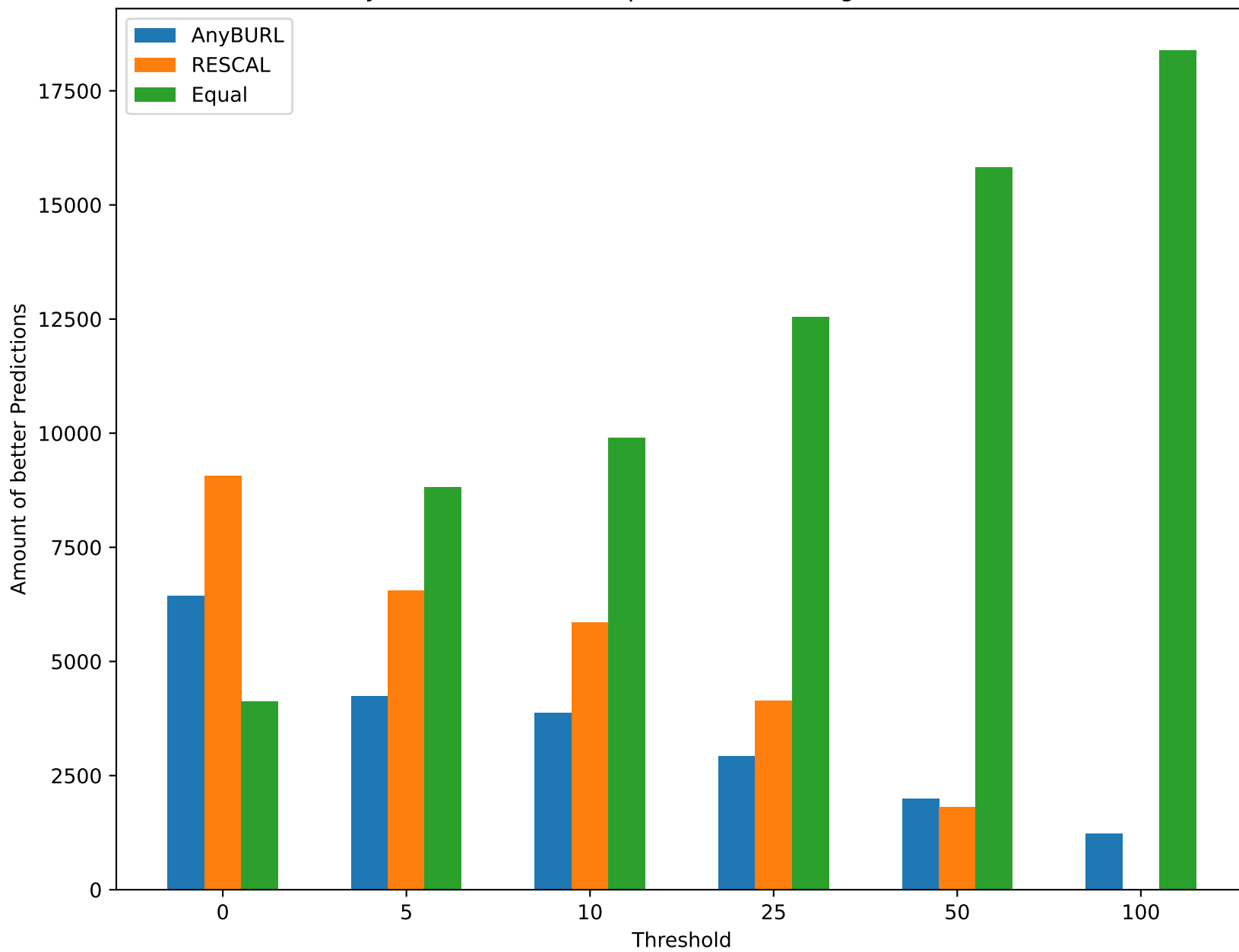
(codex-m, AnyBURL, RESCAL) Comparison of Rankings per Model



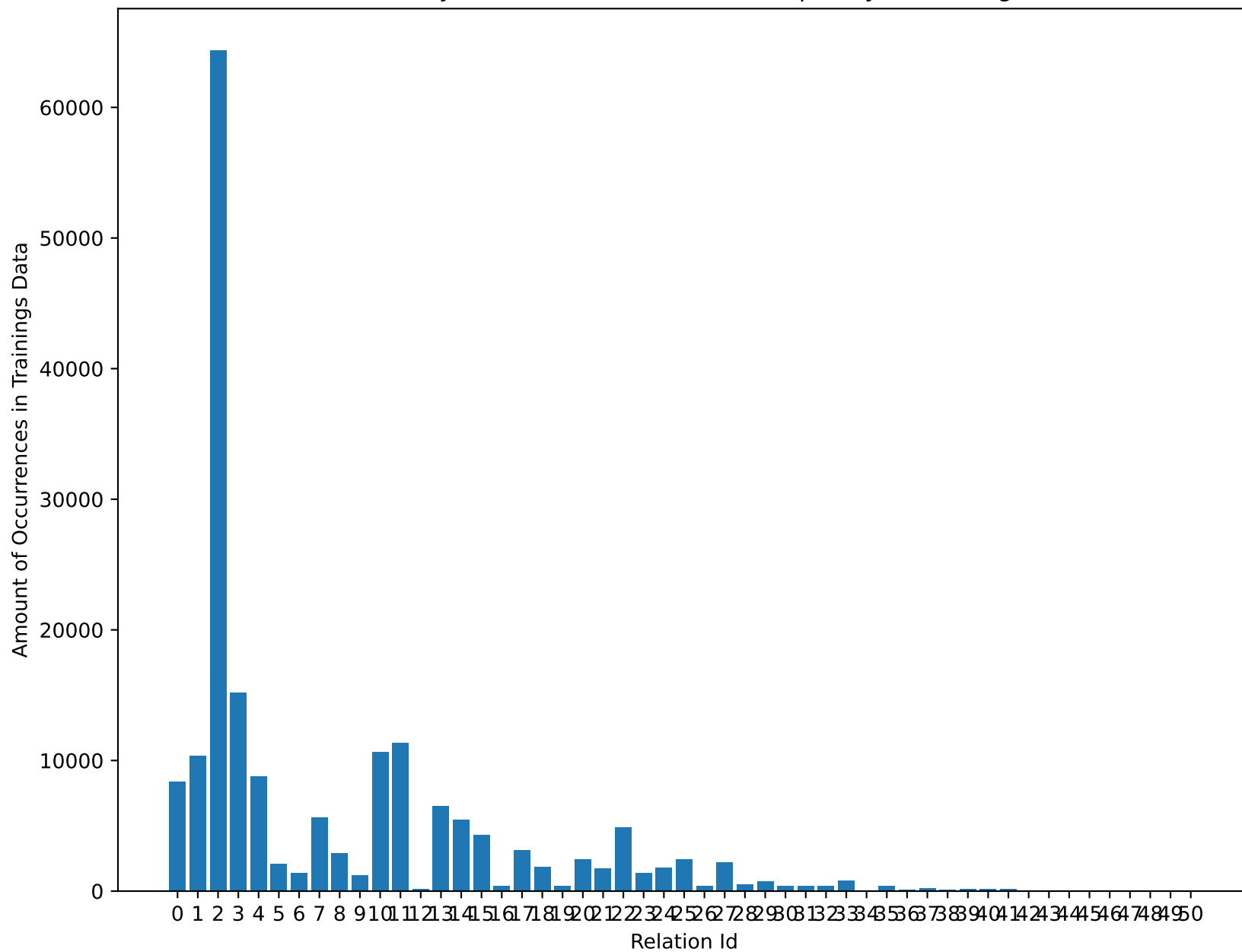
(codex-m, AnyBURL, RESCAL) Comparison of Rankings per Model



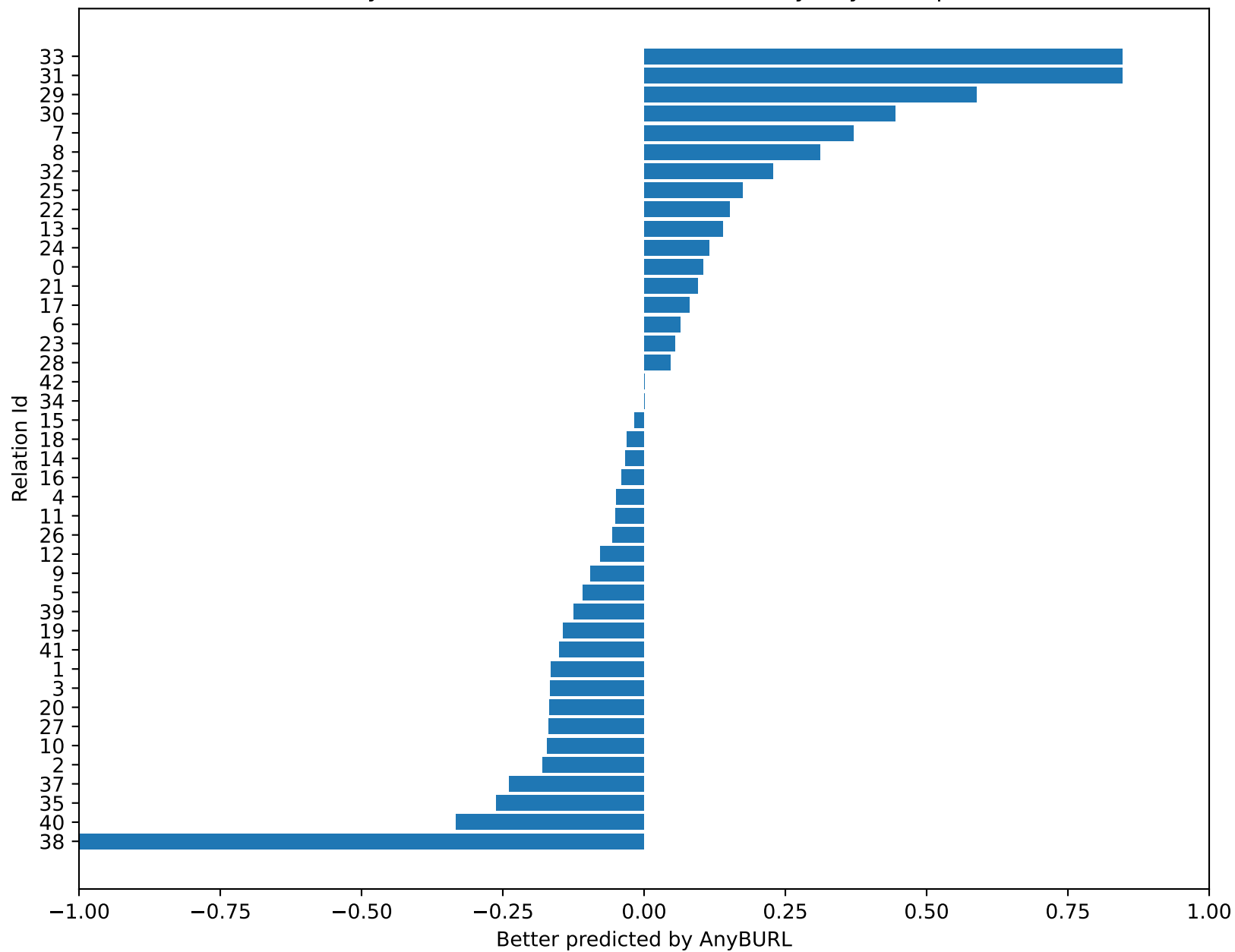
(codex-m, AnyBURL, RESCAL) Comparison of Rankings for different Thresholds



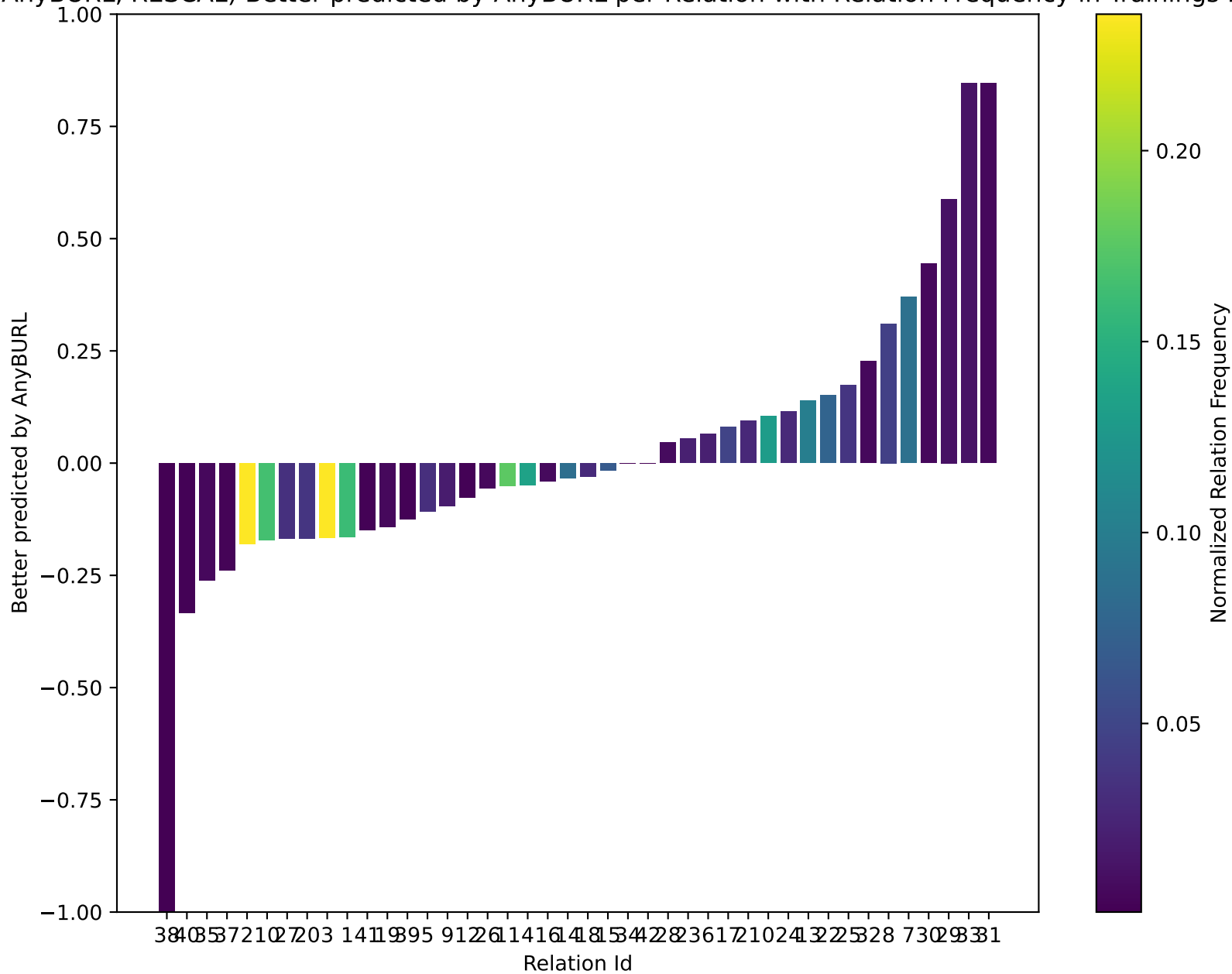
(codex-m, AnyBURL, RESCAL) Relation Frequency in Trainings Data



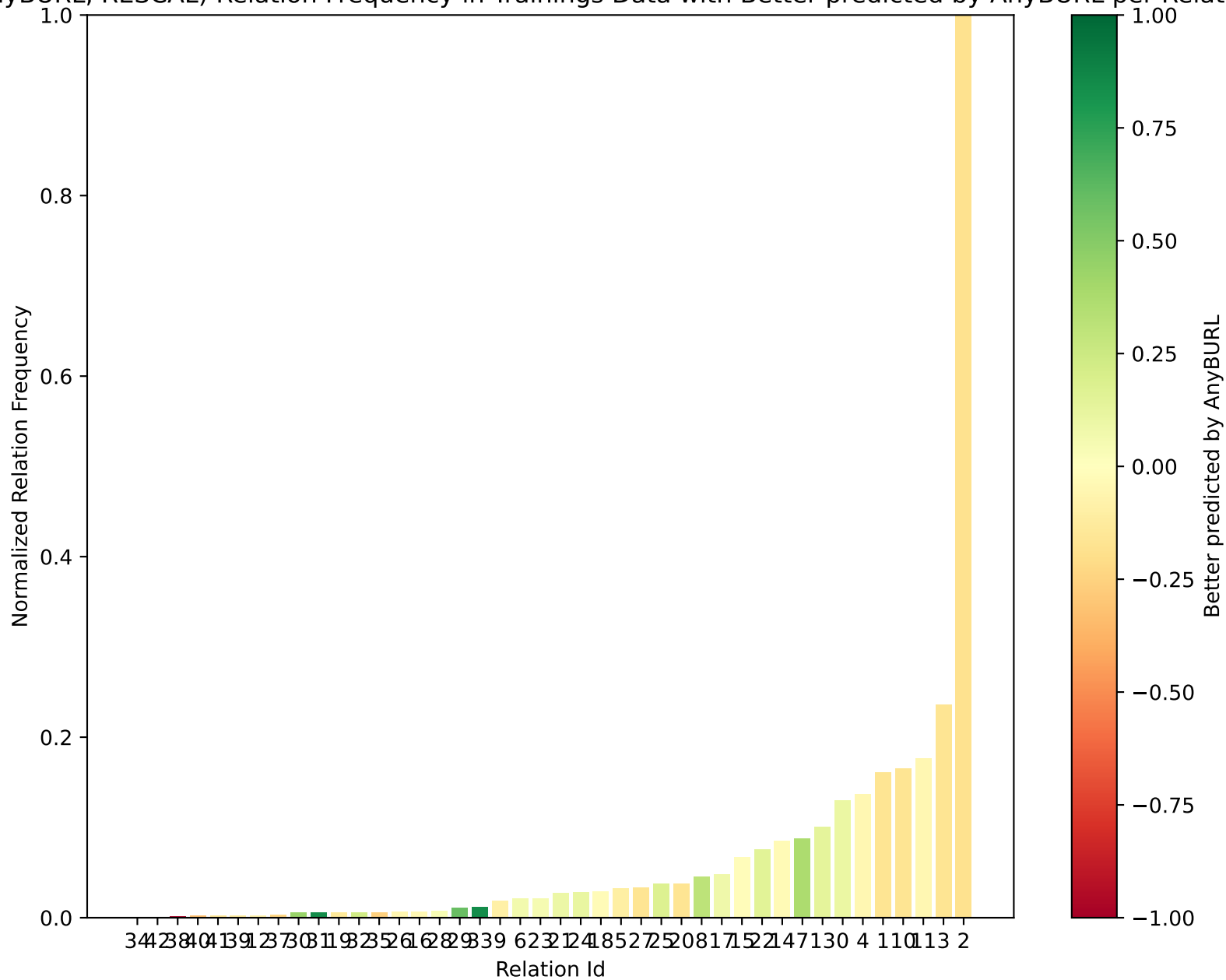
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Relation



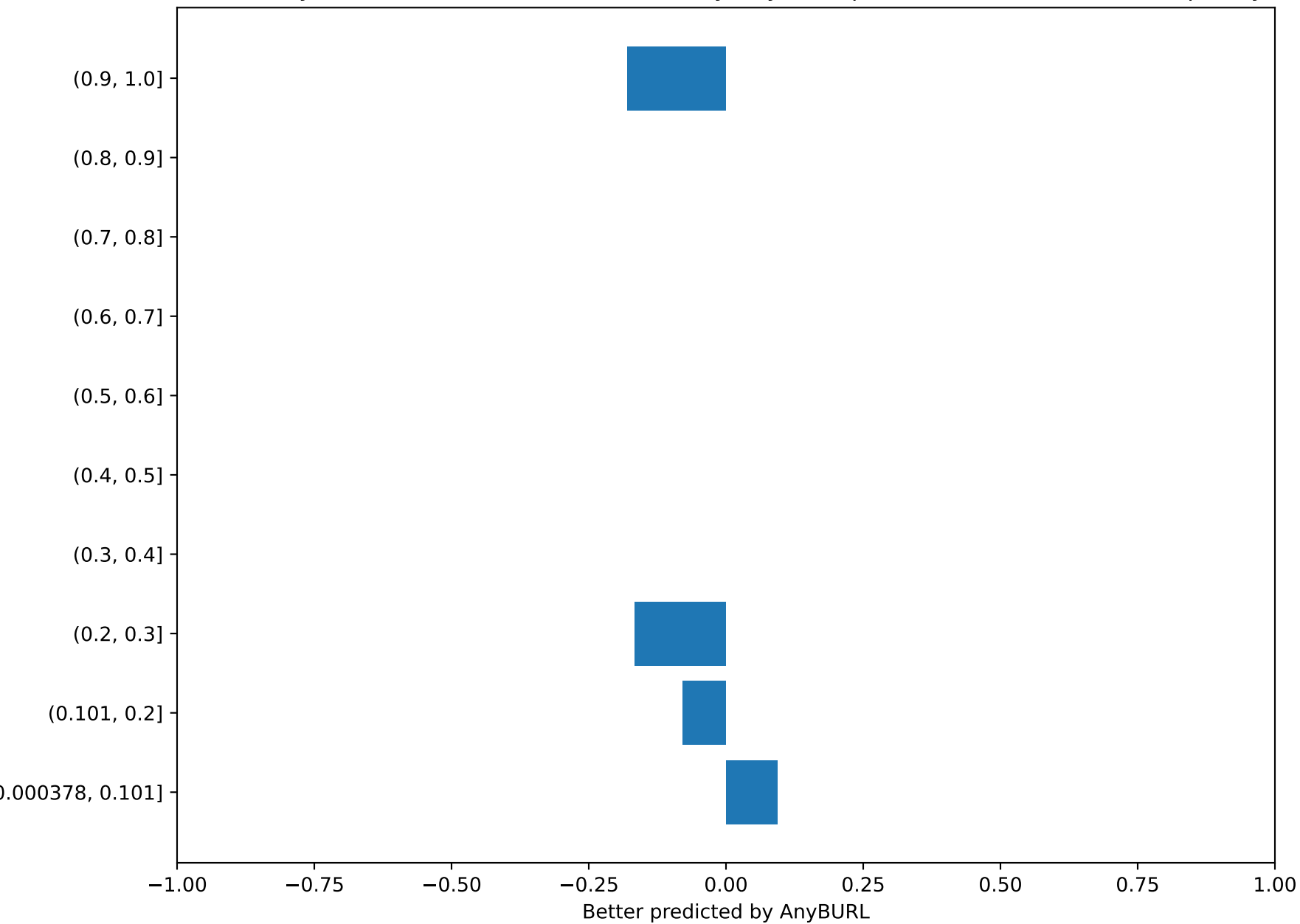
ex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Relation with Relation Frequency in Trainings Data



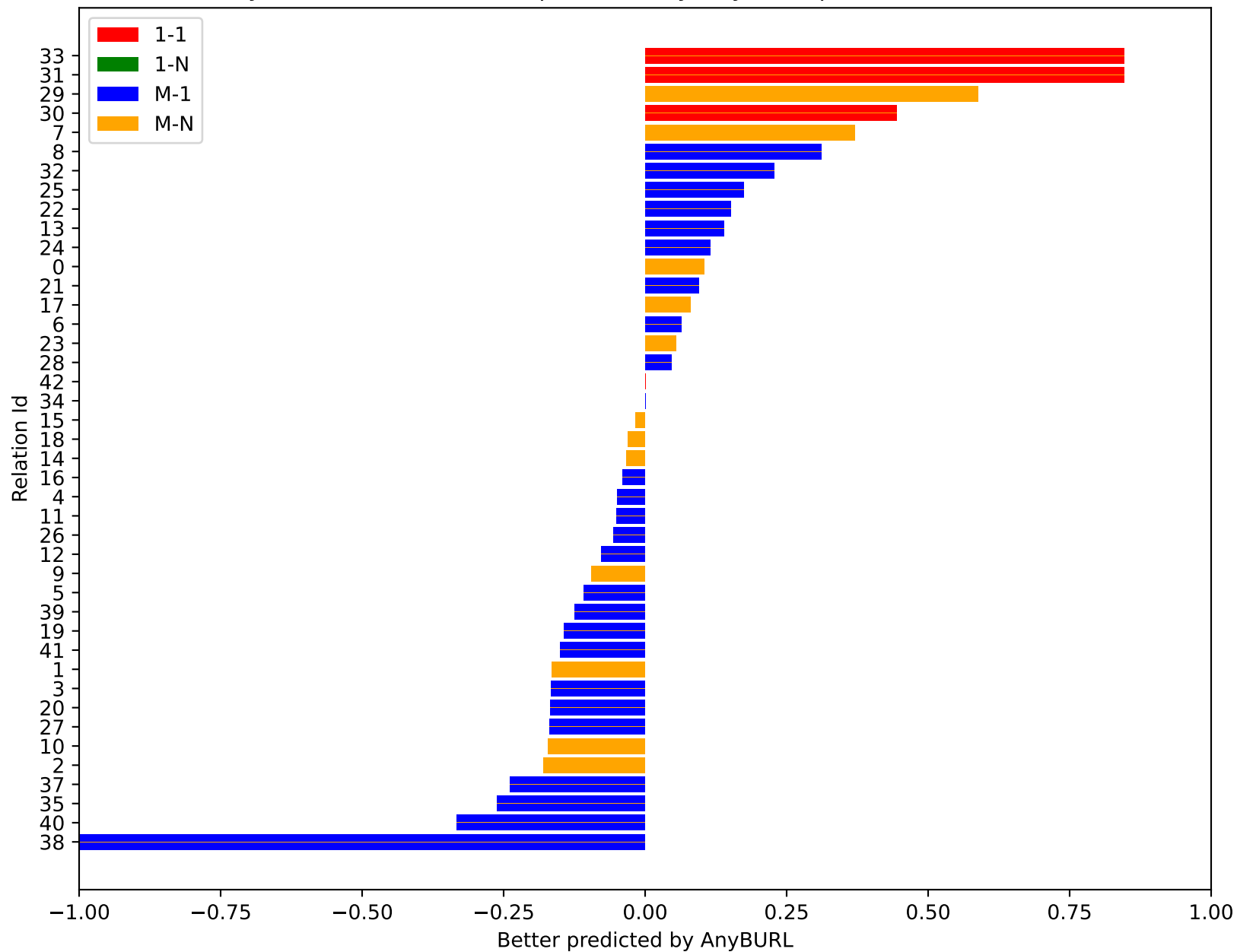
ex-m, AnyBURL, RESCAL) Relation Frequency in Trainings Data with Better predicted by AnyBURL per Relation



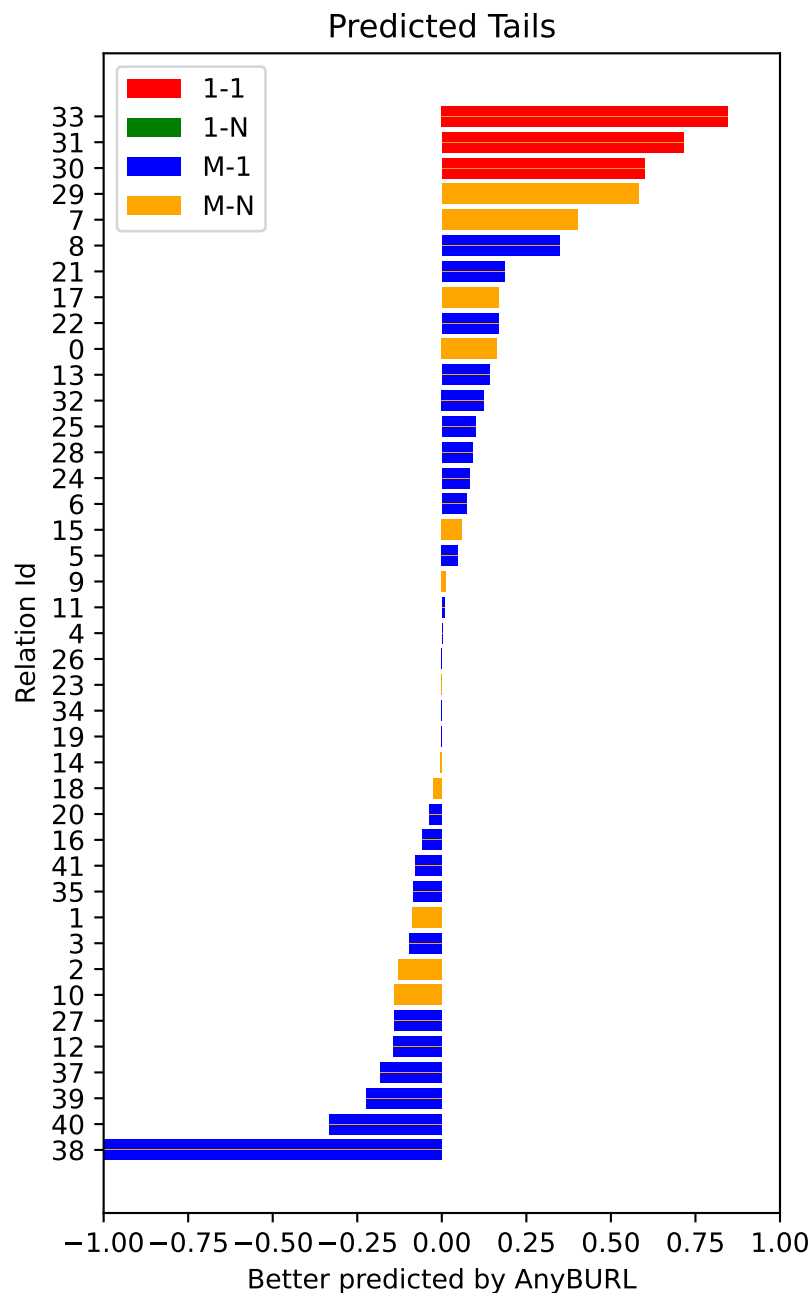
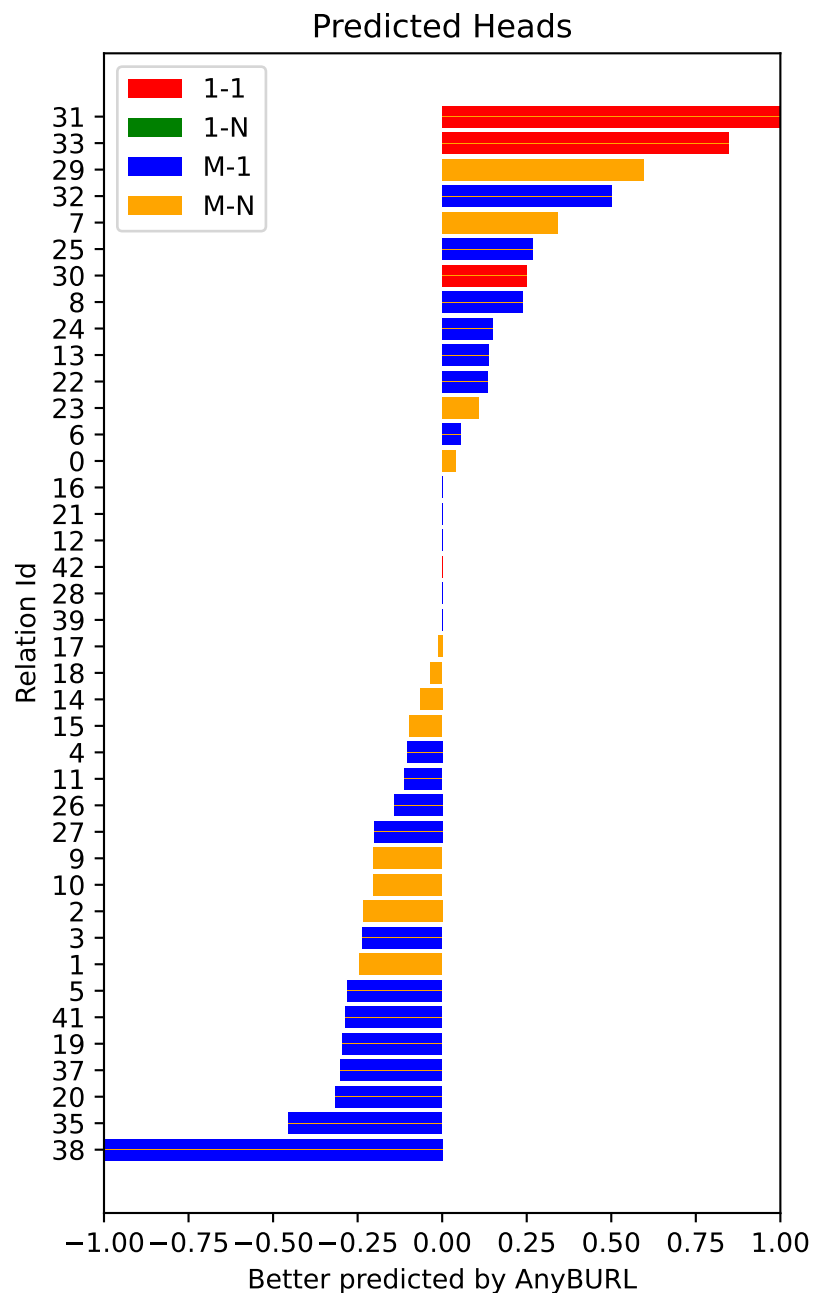
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Normalized Relation Frequency Bin



(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Relation with Relation Class



(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Relation with Relation Class



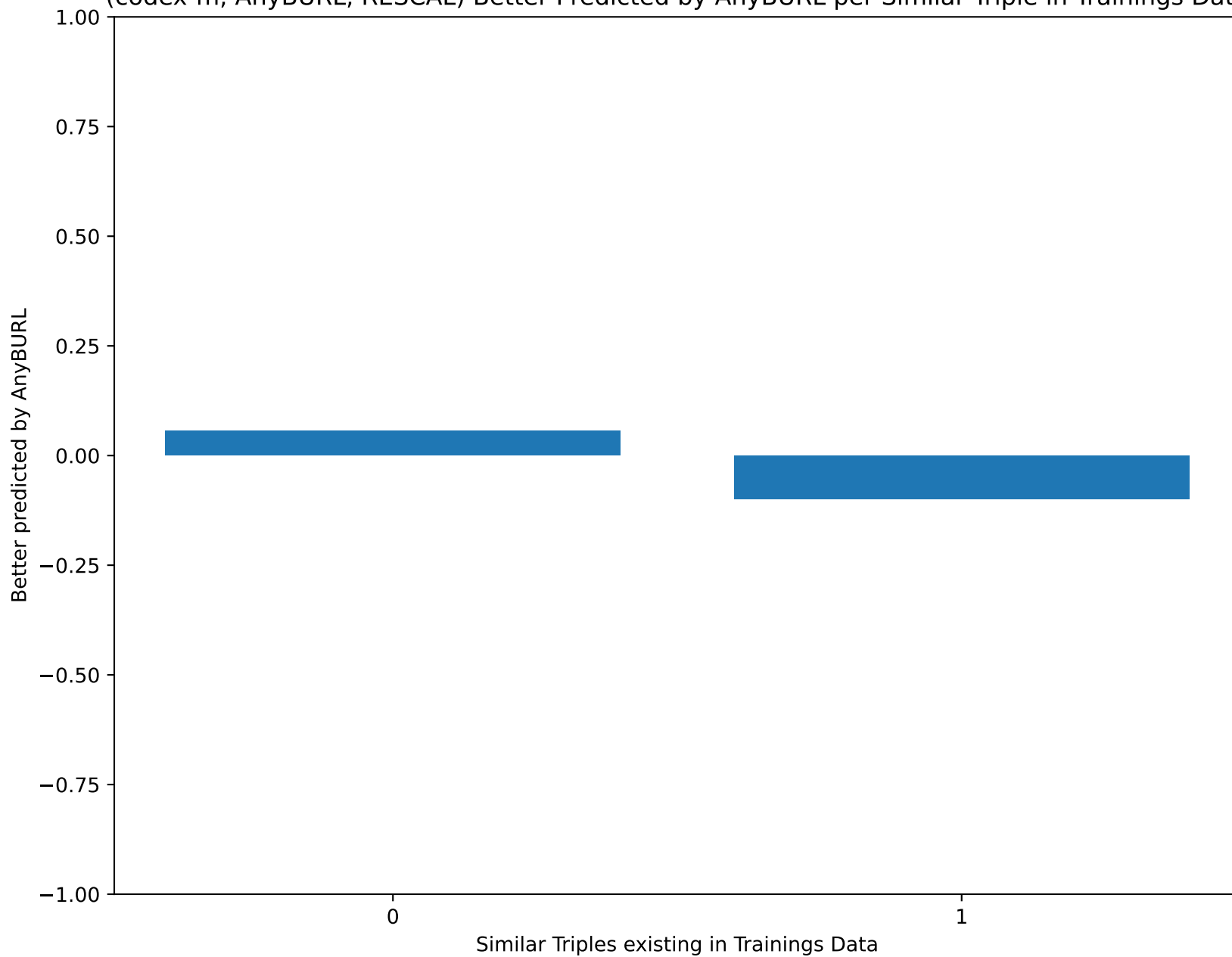
(codex-m, AnyBURL, RESCAL) Better predicted per Relation Class in %

	AnyBURL	RESCAL	Equal
1-1	81.102%	0.000%	18.898%
1-N	0.000%	0.000%	0.000%
M-1	16.131%	19.211%	64.658%
M-N	15.862%	26.242%	57.896%

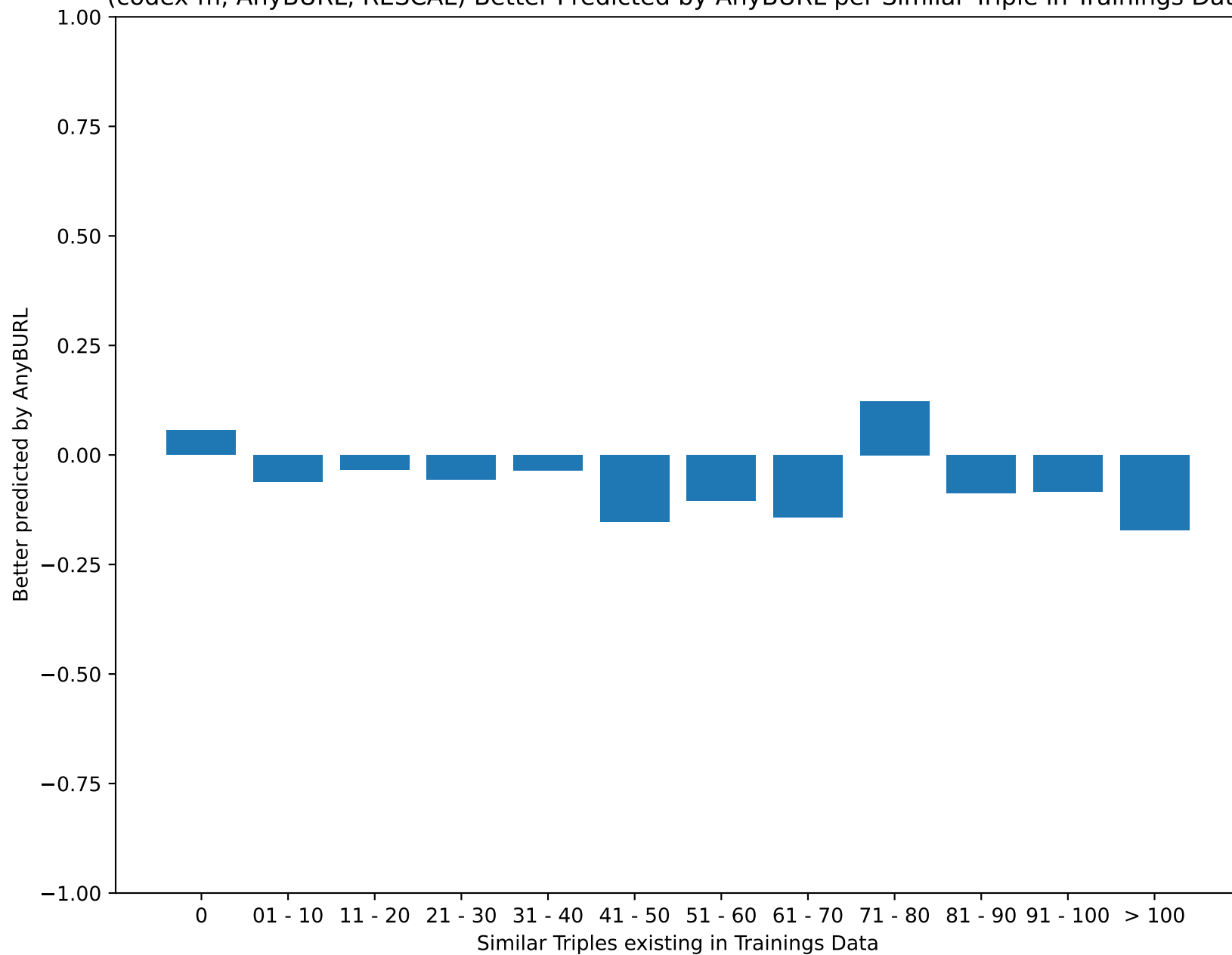
(codex-m, AnyBURL, RESCAL) Better predicted per Relation Class in % (cleaned)

	AnyBURL	RESCAL	Equal
1-1	81.102%	0.000%	18.898%
1-N	18.929%	27.646%	53.425%
M-1	13.546%	11.418%	75.036%
M-N	15.862%	26.242%	57.896%

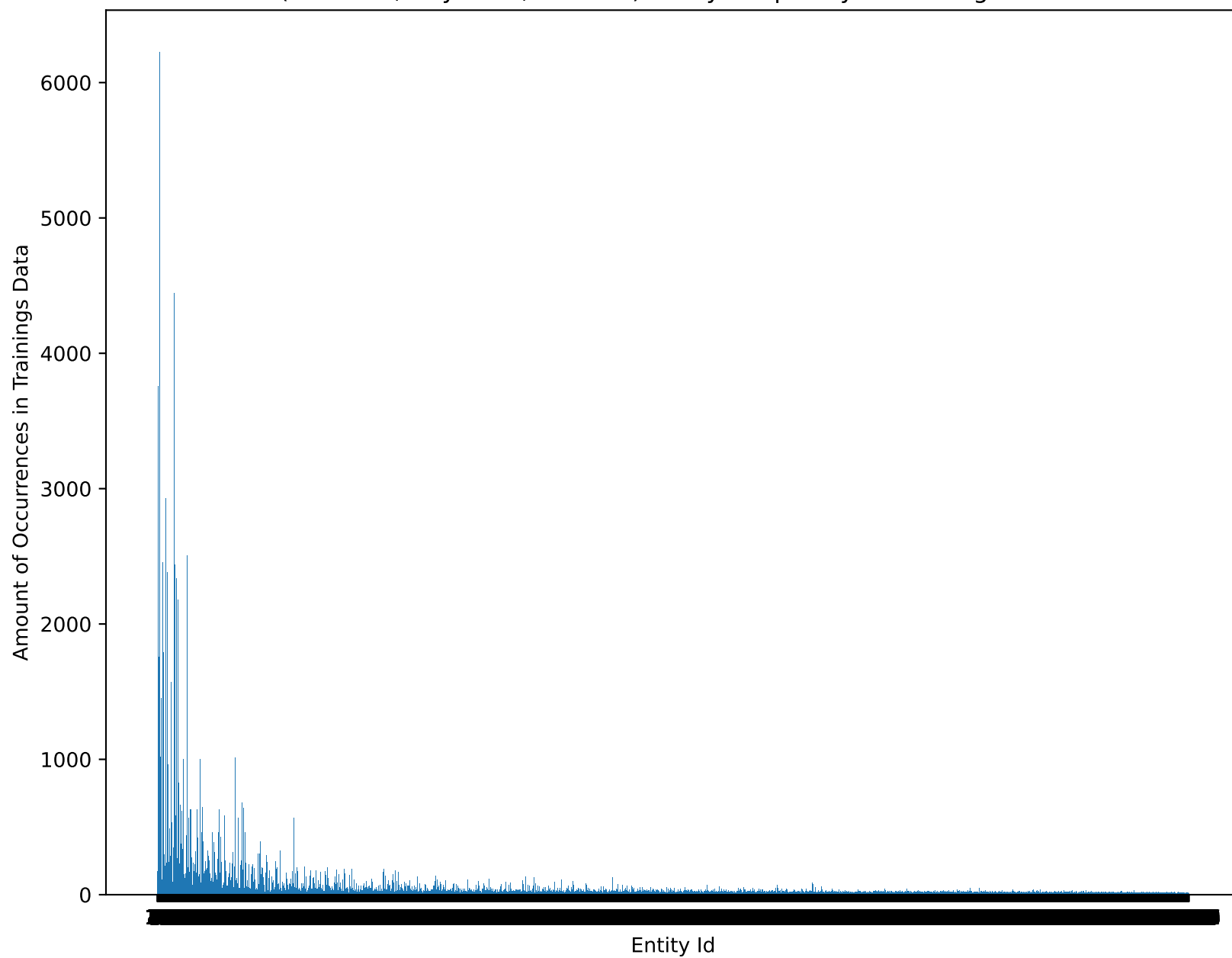
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Similar Triple in Trainings Data



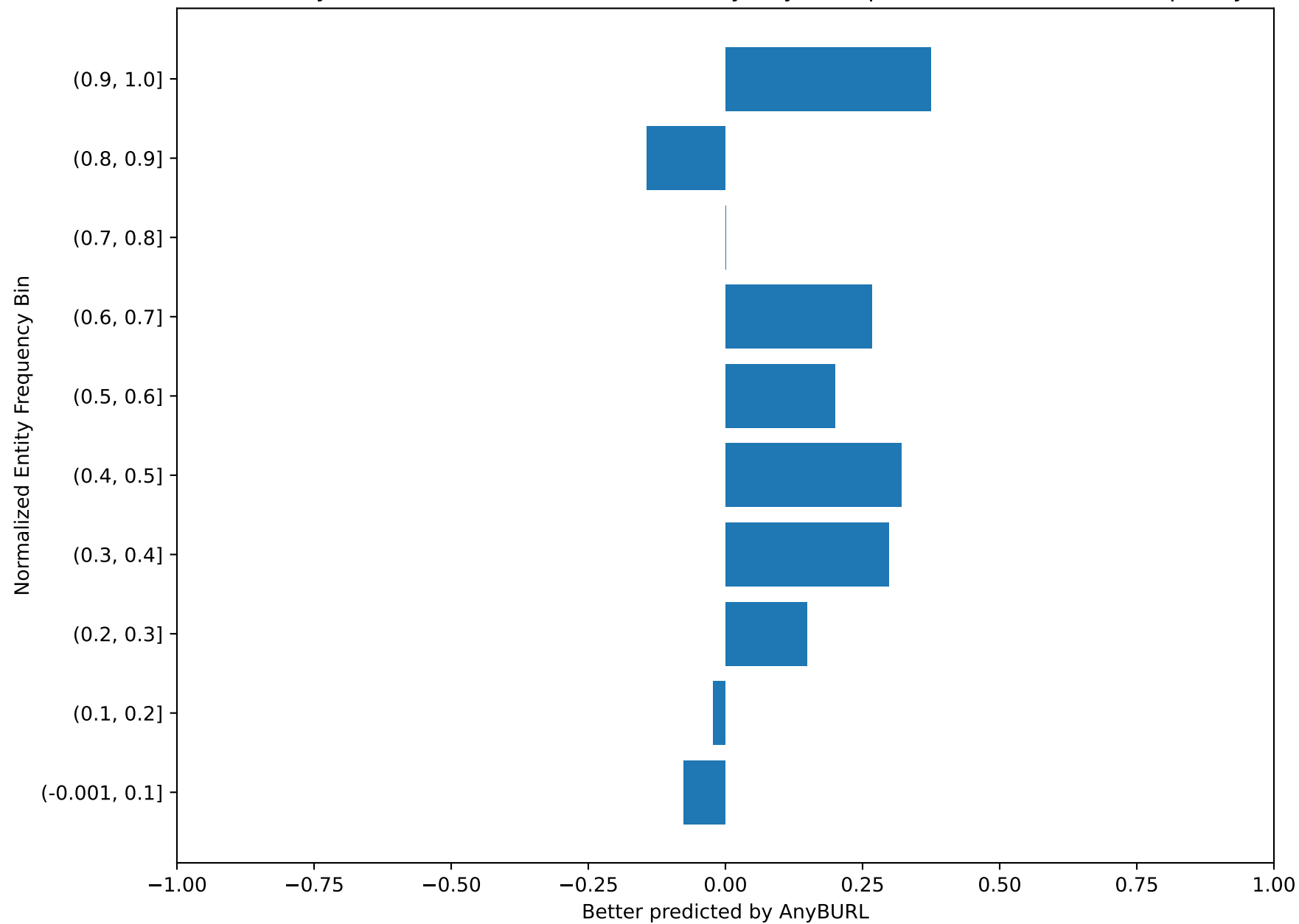
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Similar Triple in Trainings Data



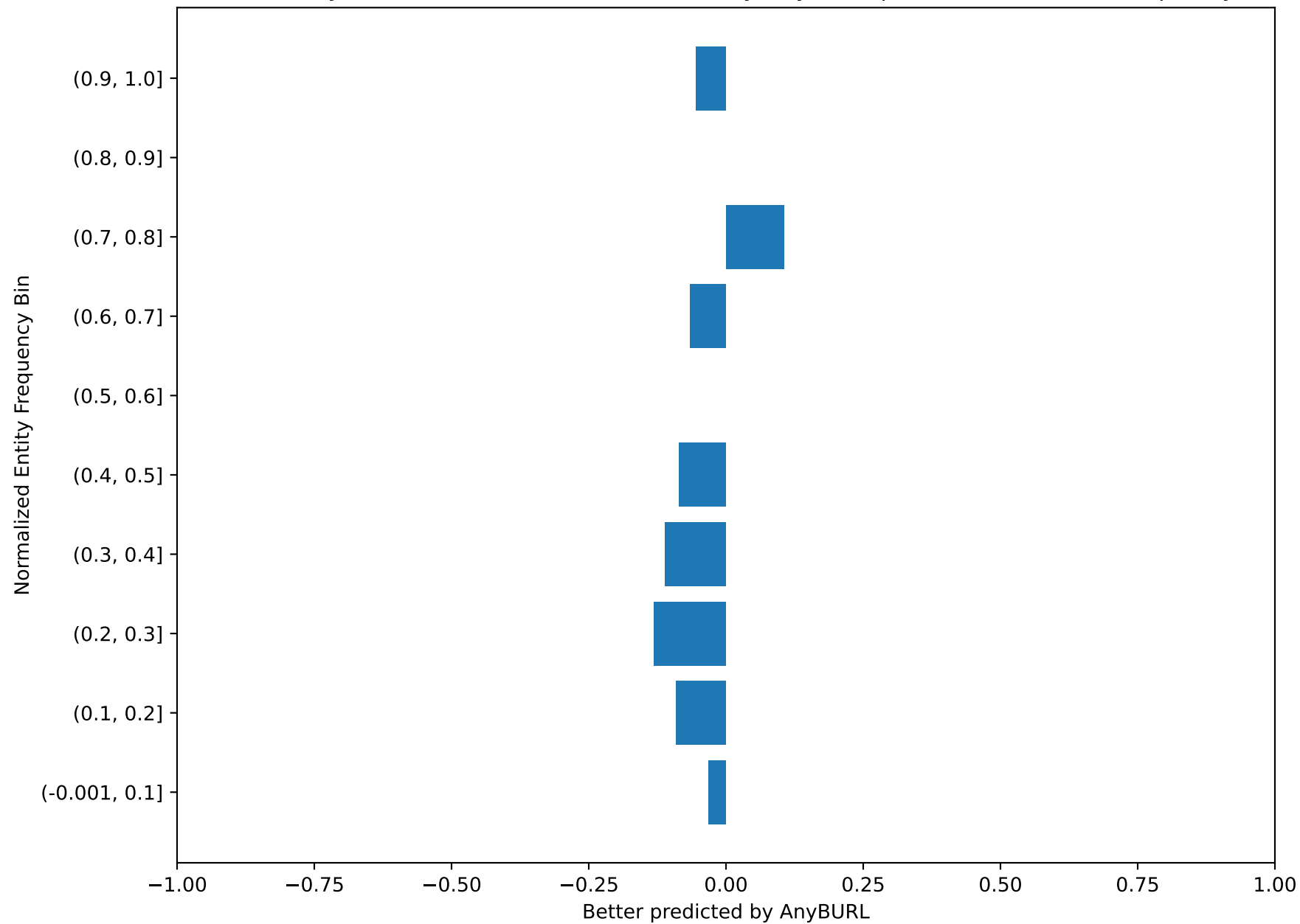
(codex-m, AnyBURL, RESCAL) Entity Frequency in Trainings Data



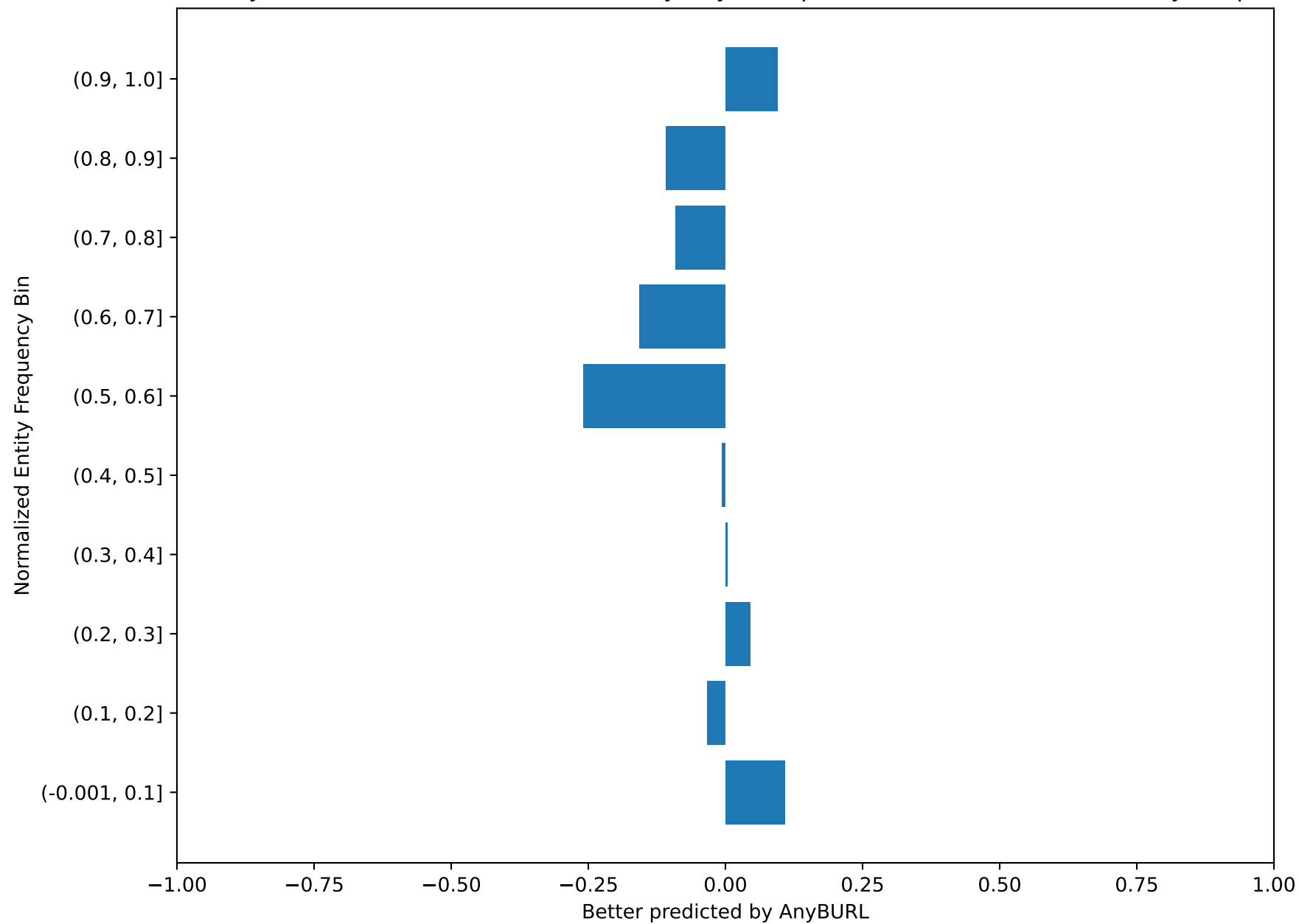
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Normalized Head Frequency Bin



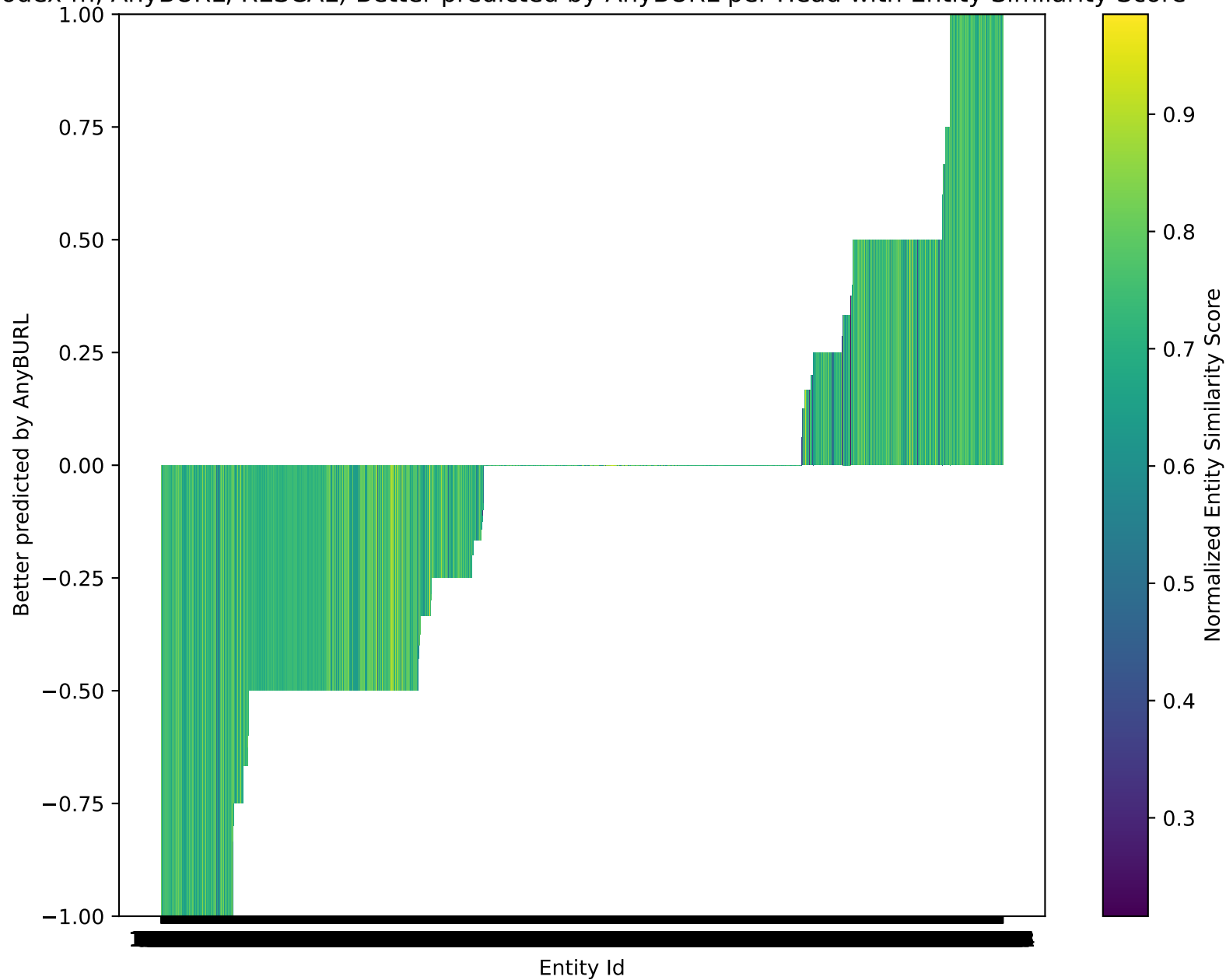
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Normalized Tail Frequency Bin



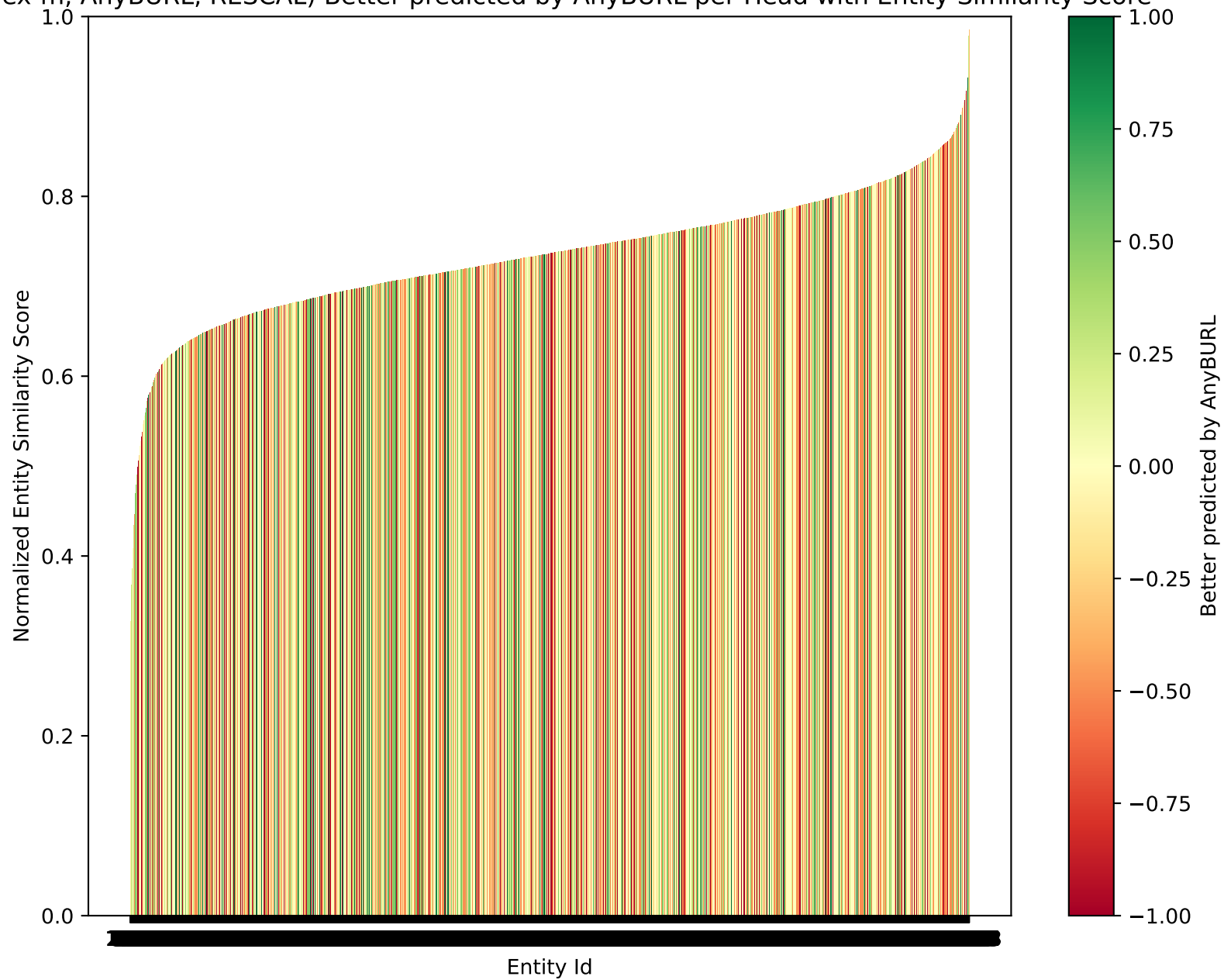
(codex-m, AnyBURL, RESCAL) Better Predicted by AnyBURL per Combined Normalized Entity Frequency Bin



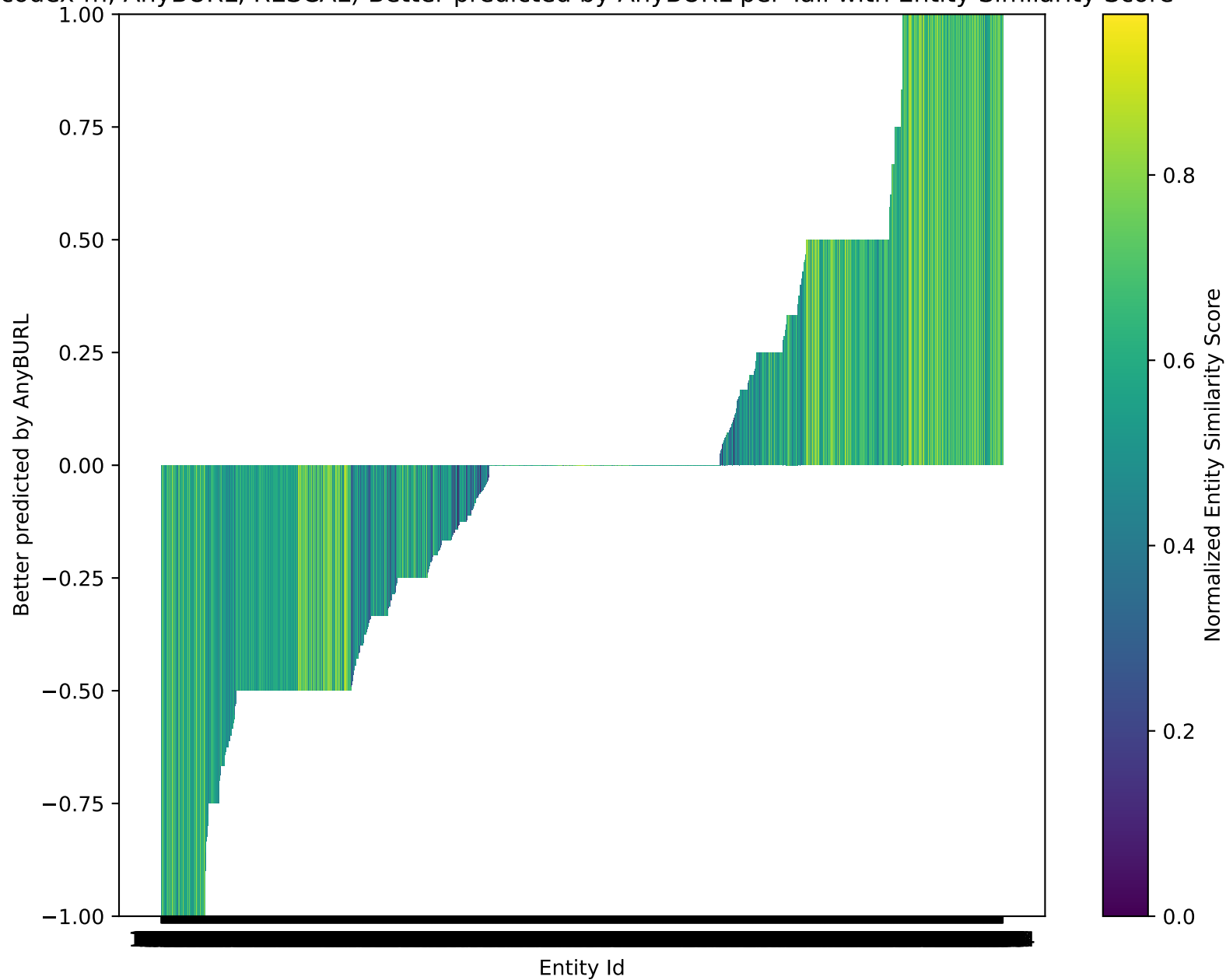
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head with Entity Similarity Score



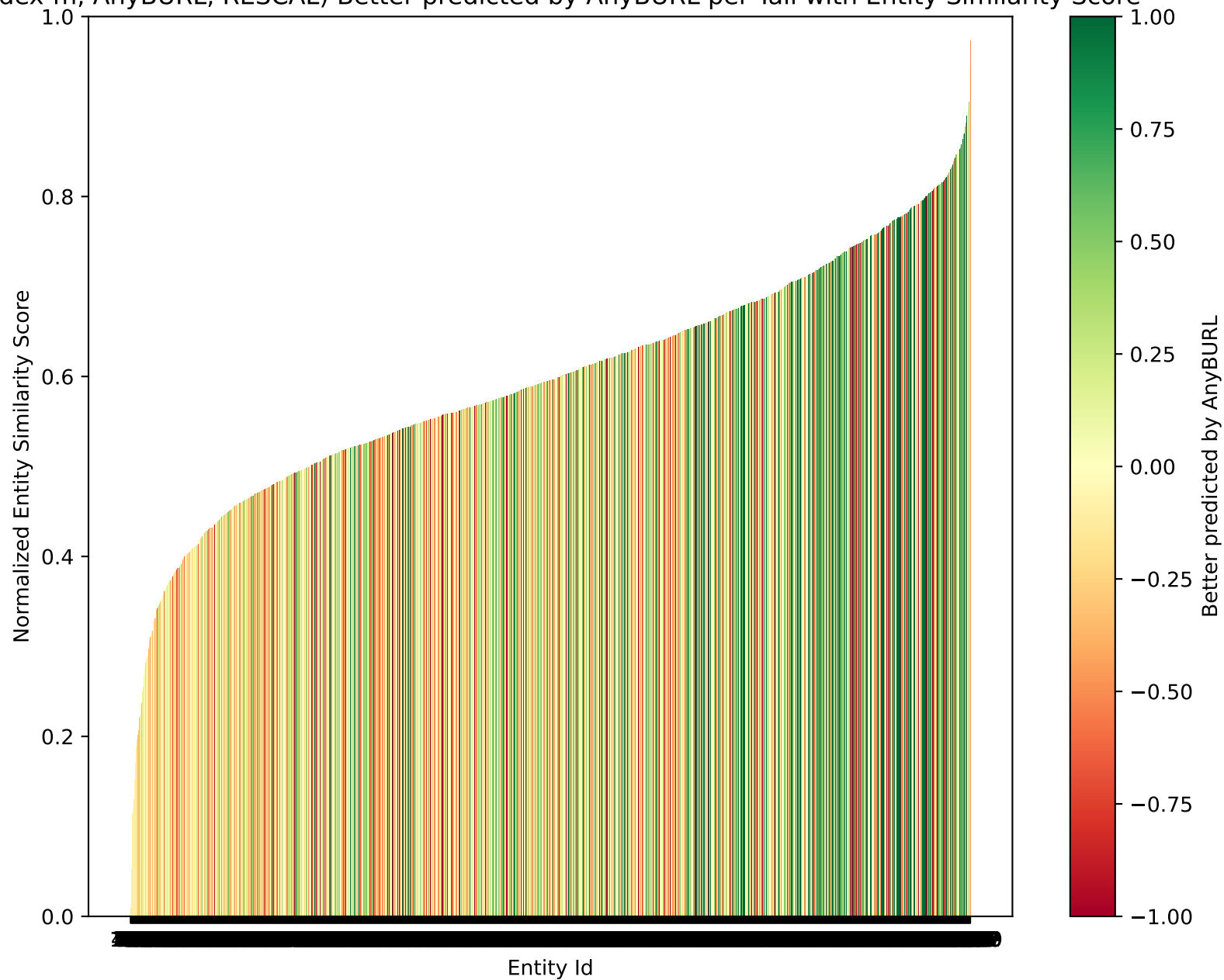
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head with Entity Similarity Score



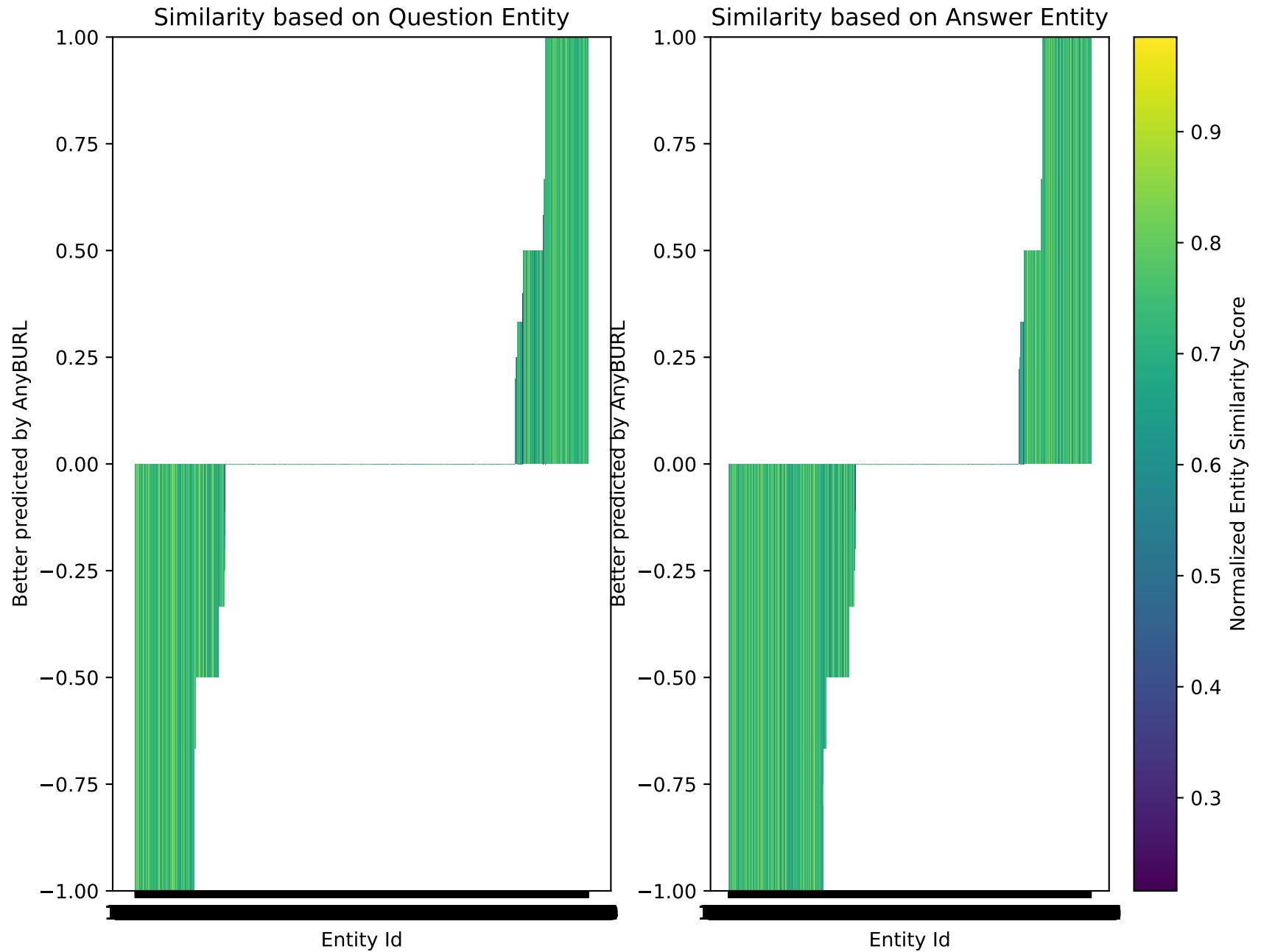
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail with Entity Similarity Score



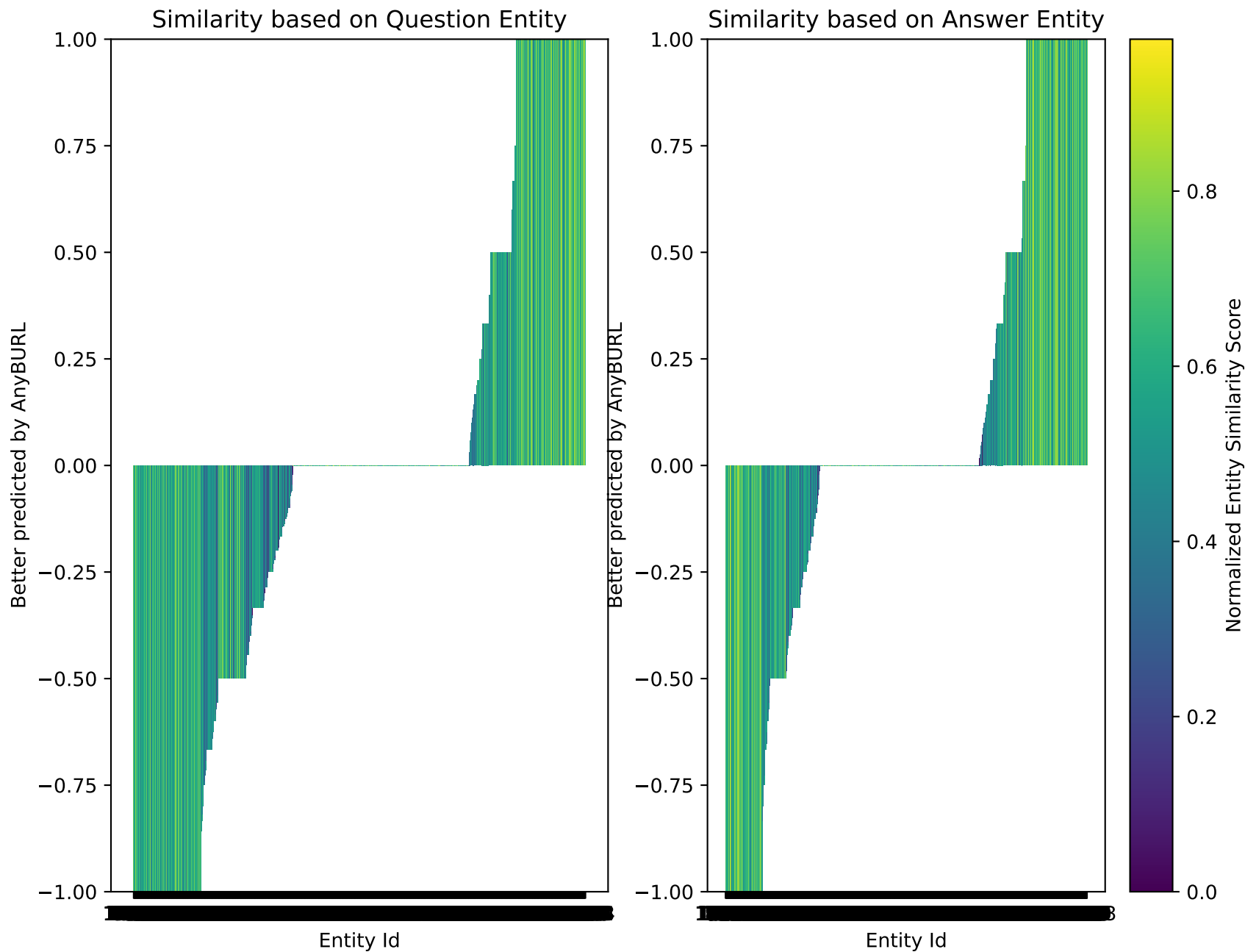
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail with Entity Similarity Score



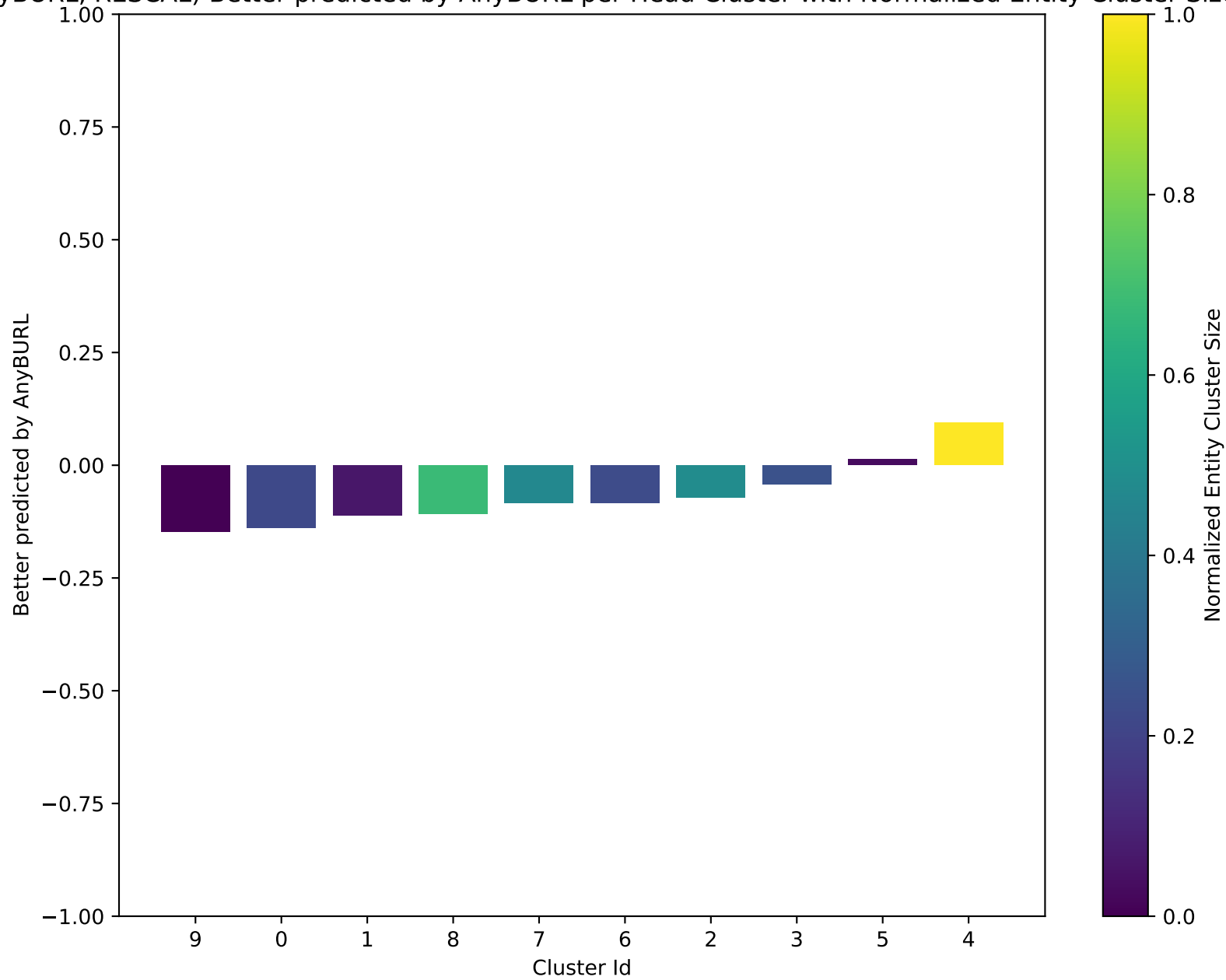
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head with Entity Similarity Score



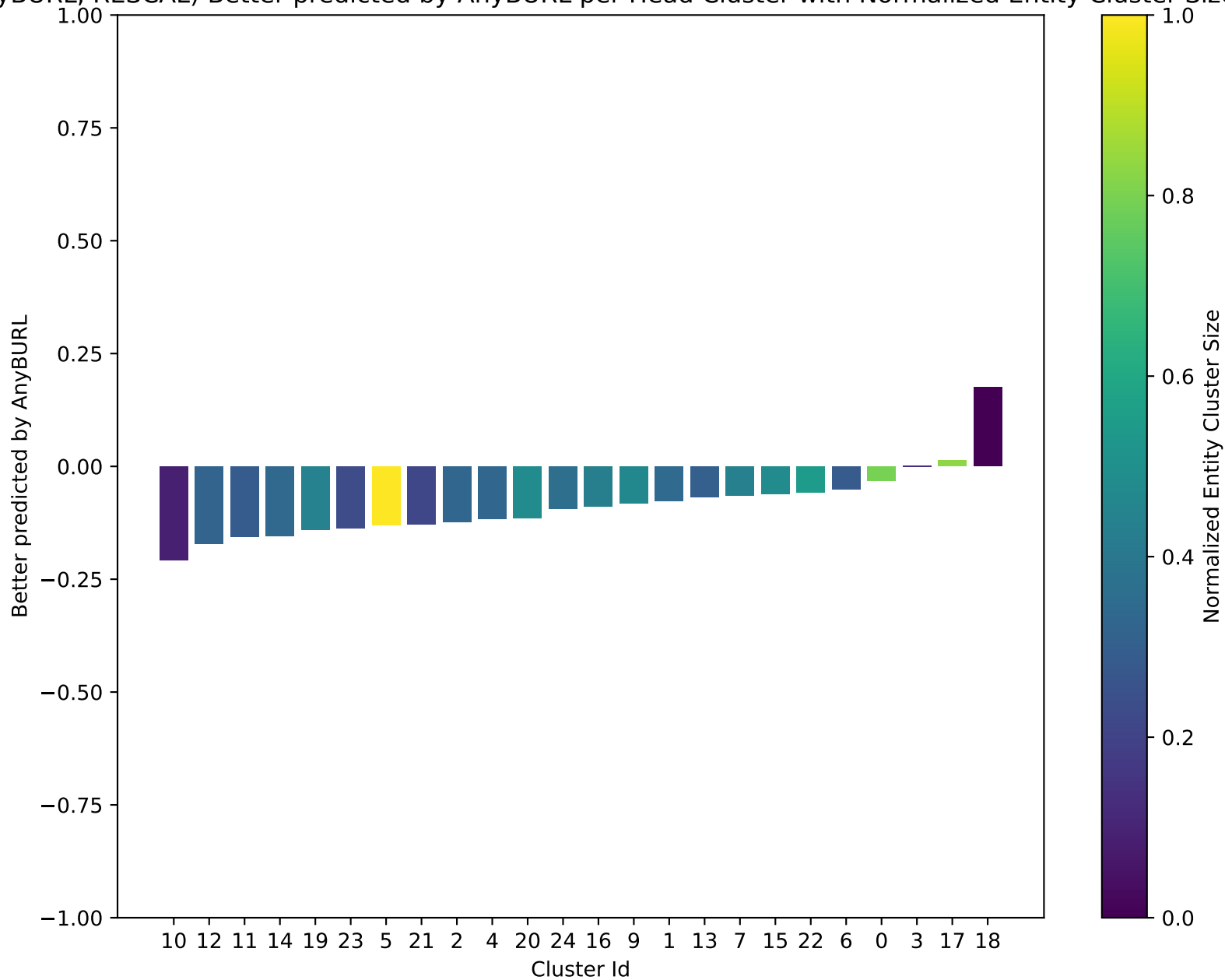
(codex-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail with Entity Similarity Score



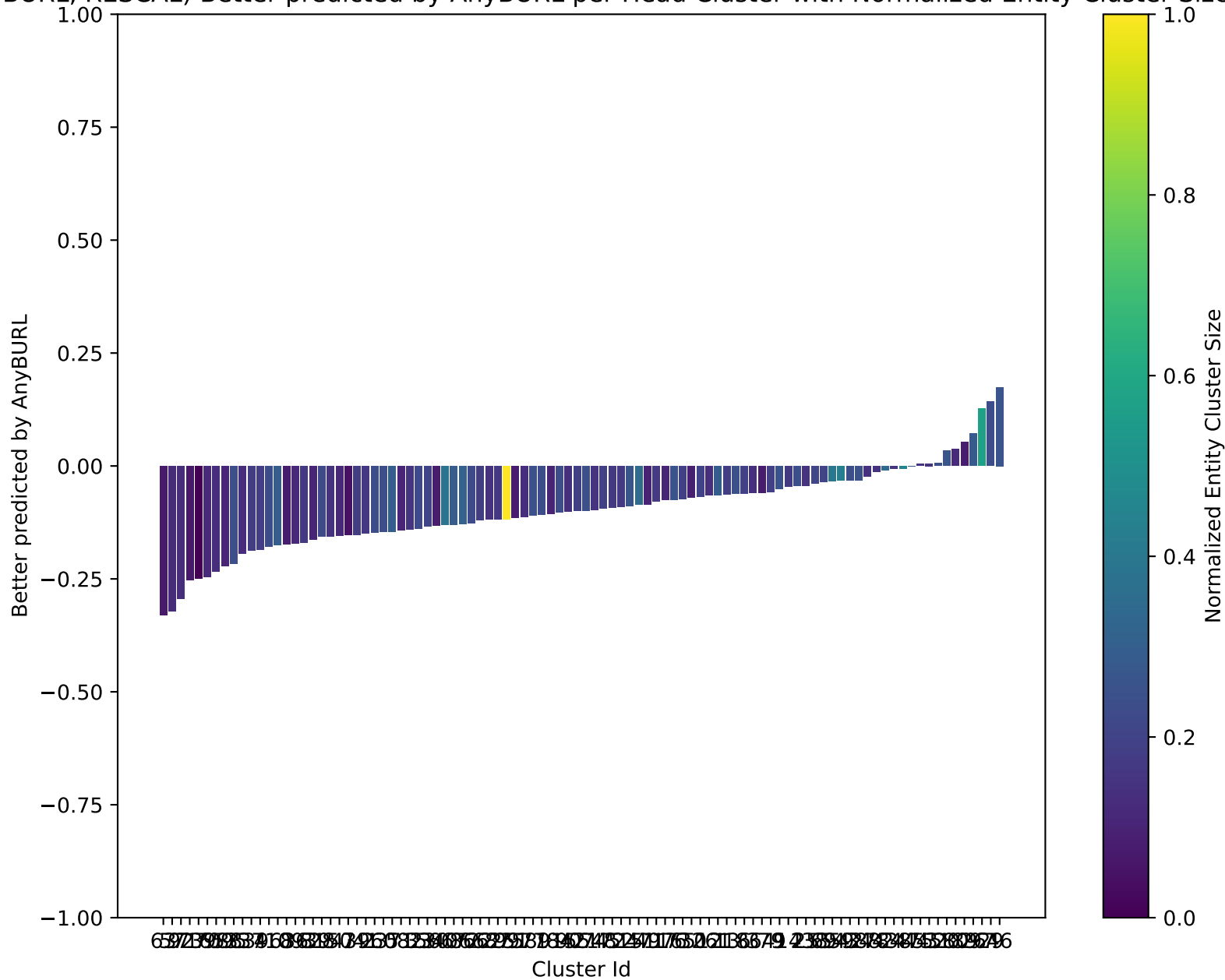
m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



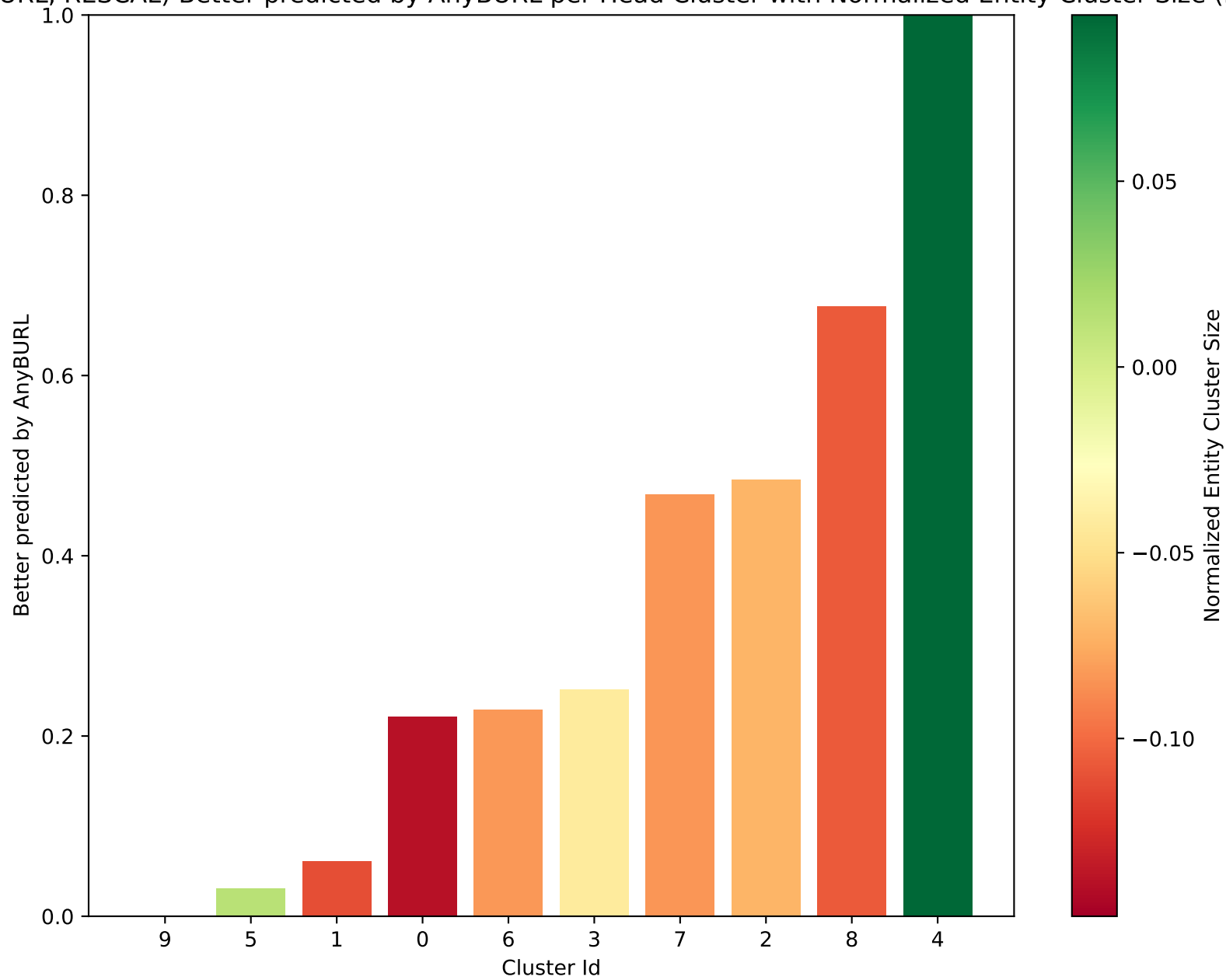
m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=25)



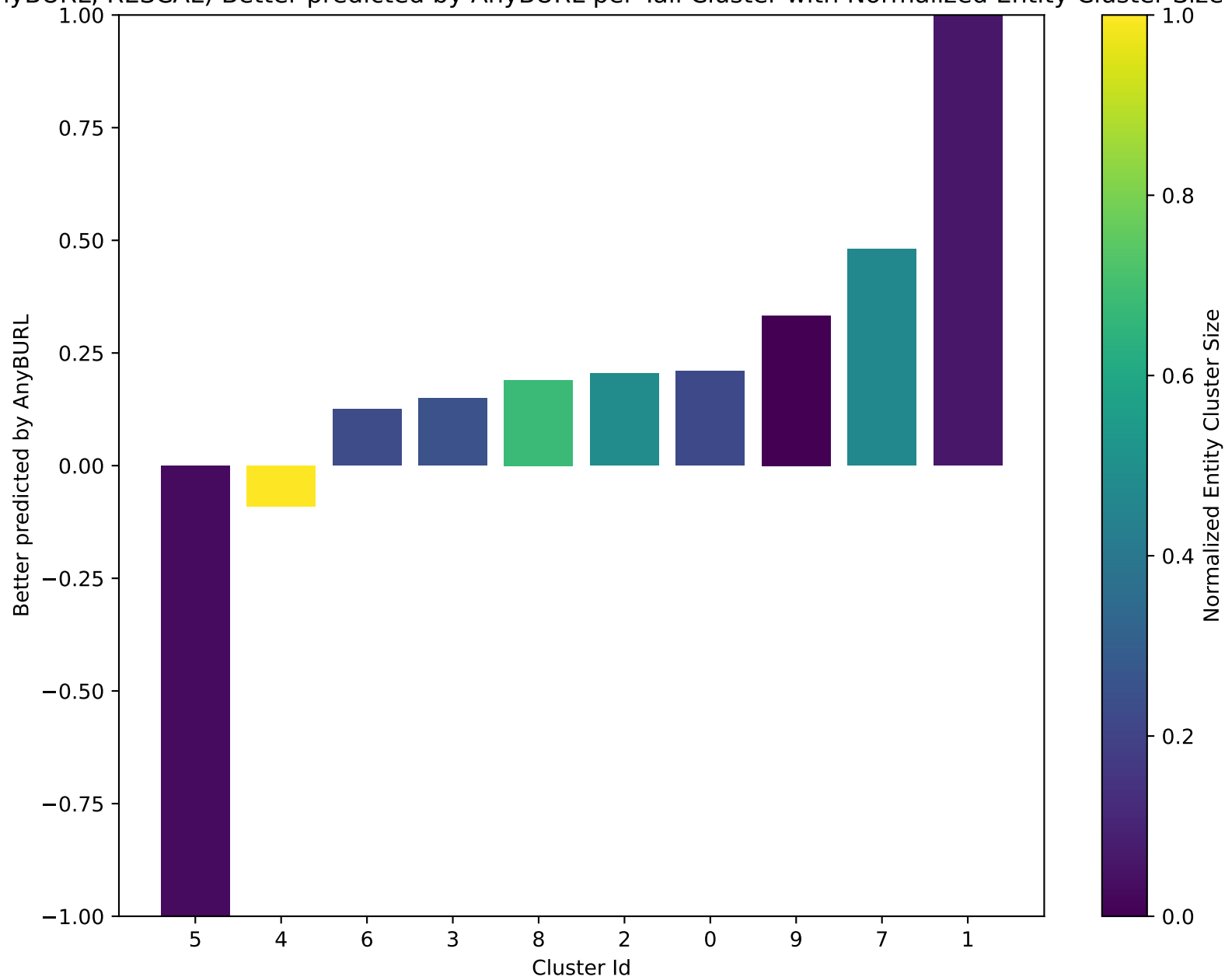
h, AnyBURL, RESCAL) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=100)



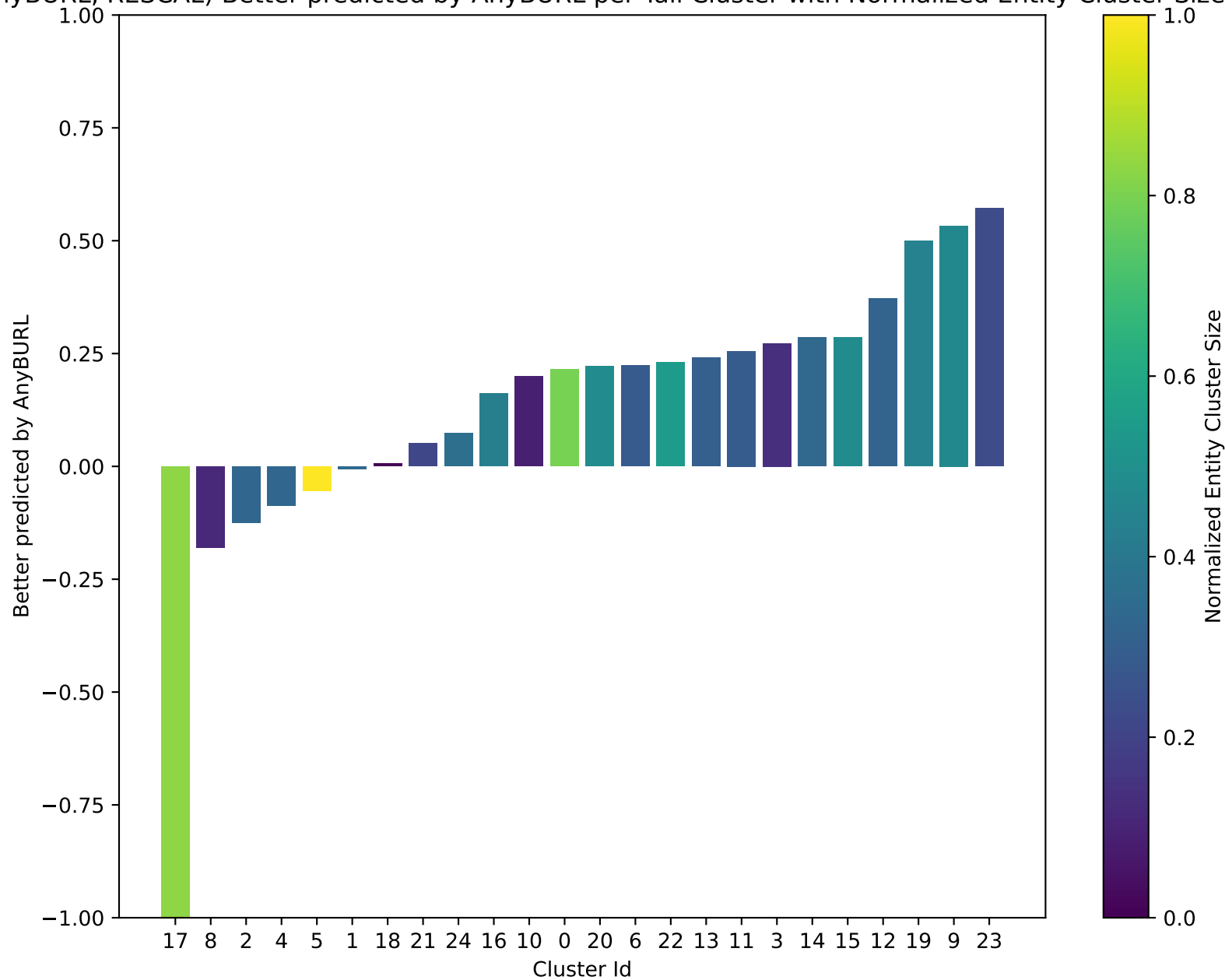
m, AnyBURL, RESCAL) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



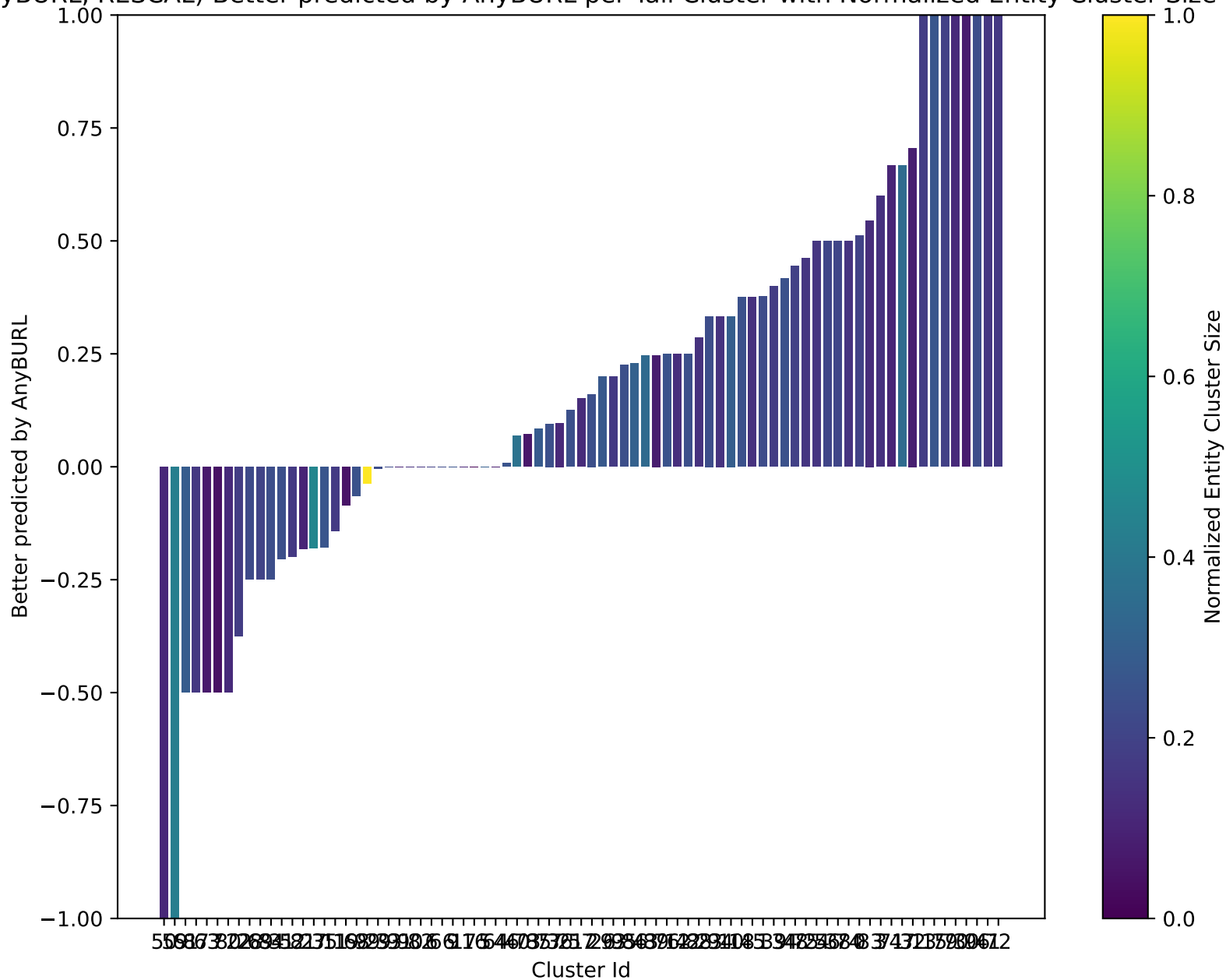
-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)



-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=25)



m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=100)



-m, AnyBURL, RESCAL) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)

