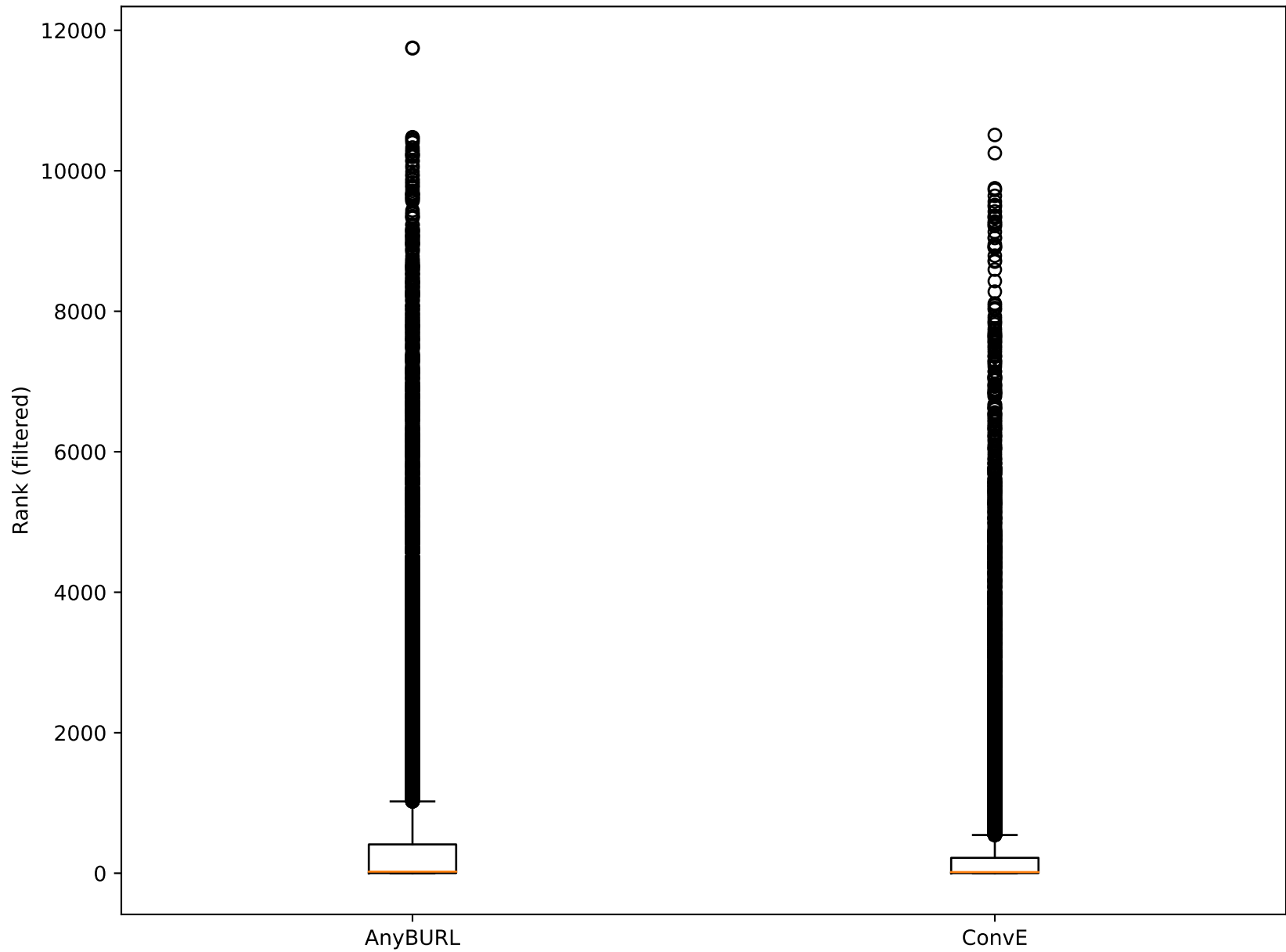


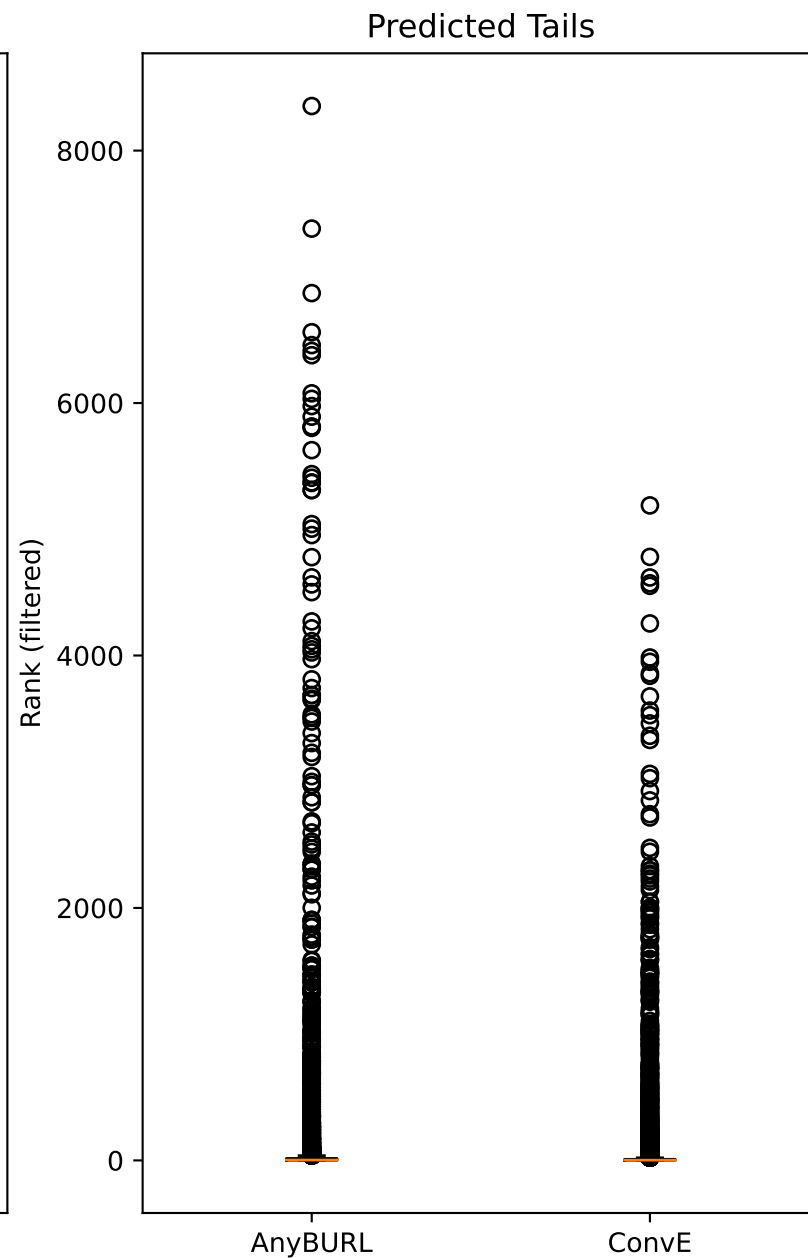
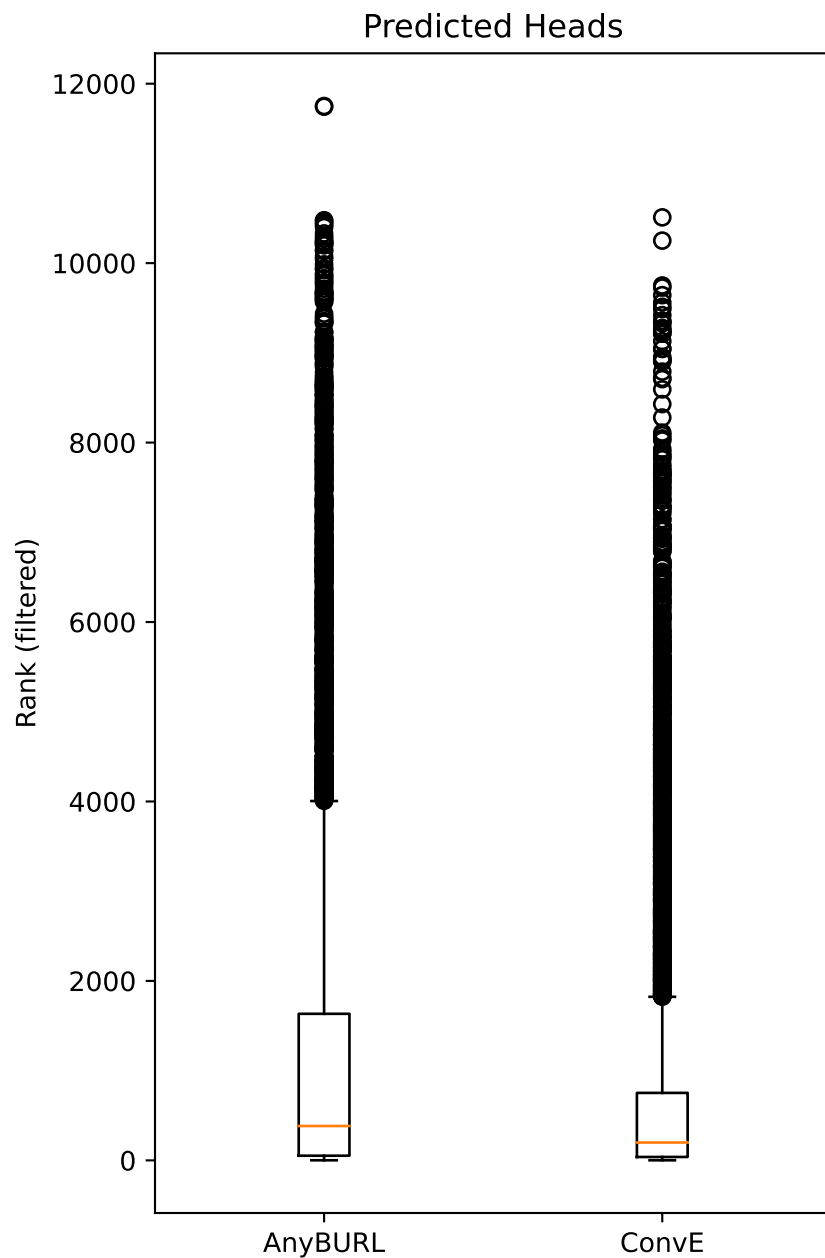
(codex-m, AnyBURL, ConvE) Metrics

	MRR	Hits@1	Hits@10	Hits@100
AnyBURL	0.297	0.229	0.427	0.634
ConvE Combined	0.305	0.223	0.460	0.674
ConvE 1	0.321	0.240	0.475	0.690
ConvE 2	0.324	0.243	0.478	0.686
ConvE 3	0.323	0.244	0.474	0.686
ConvE 4	0.323	0.242	0.474	0.688
ConvE 5	0.322	0.242	0.474	0.688

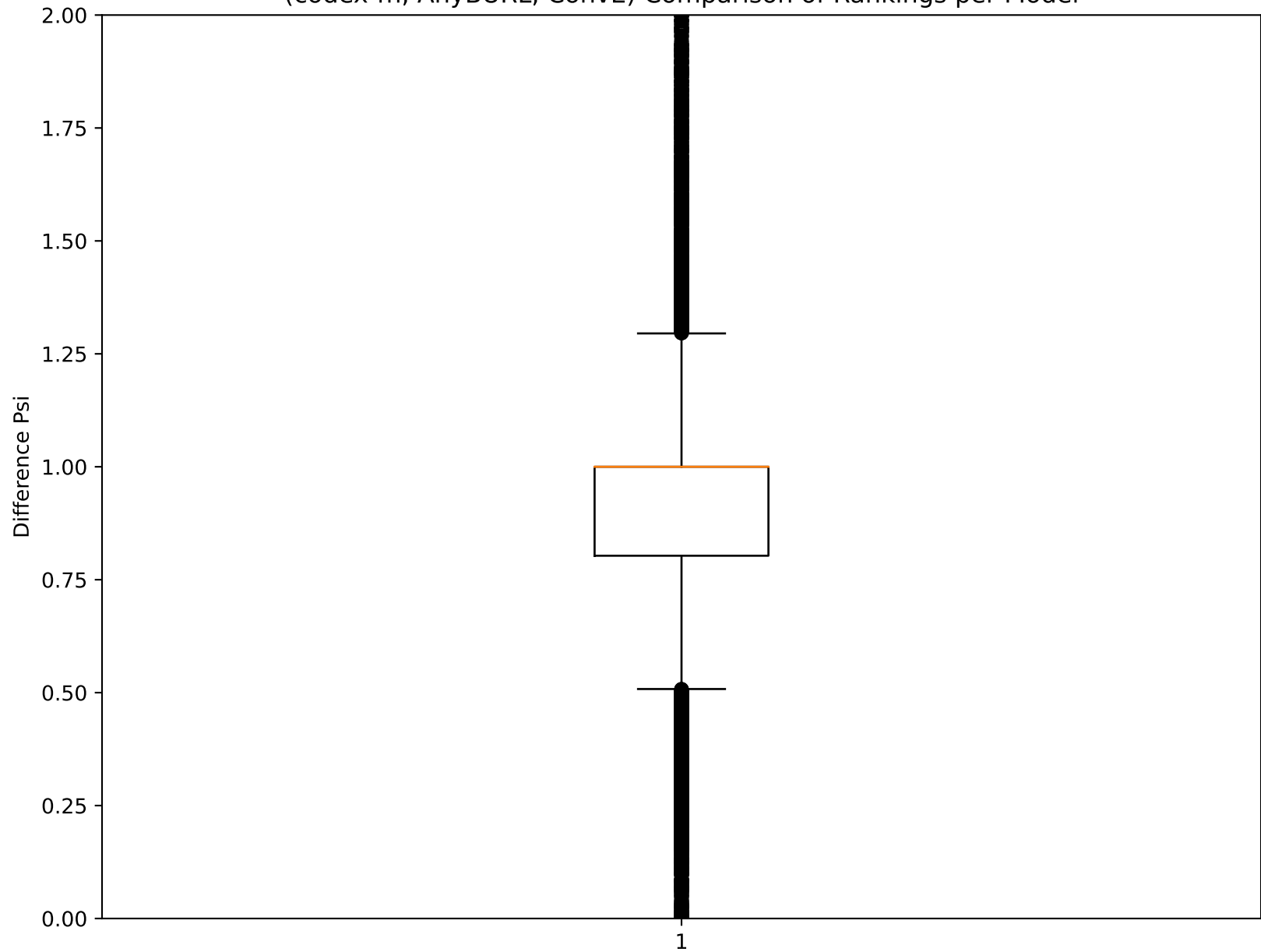
(codex-m, AnyBURL, ConvE) Comparison of Rankings per Model



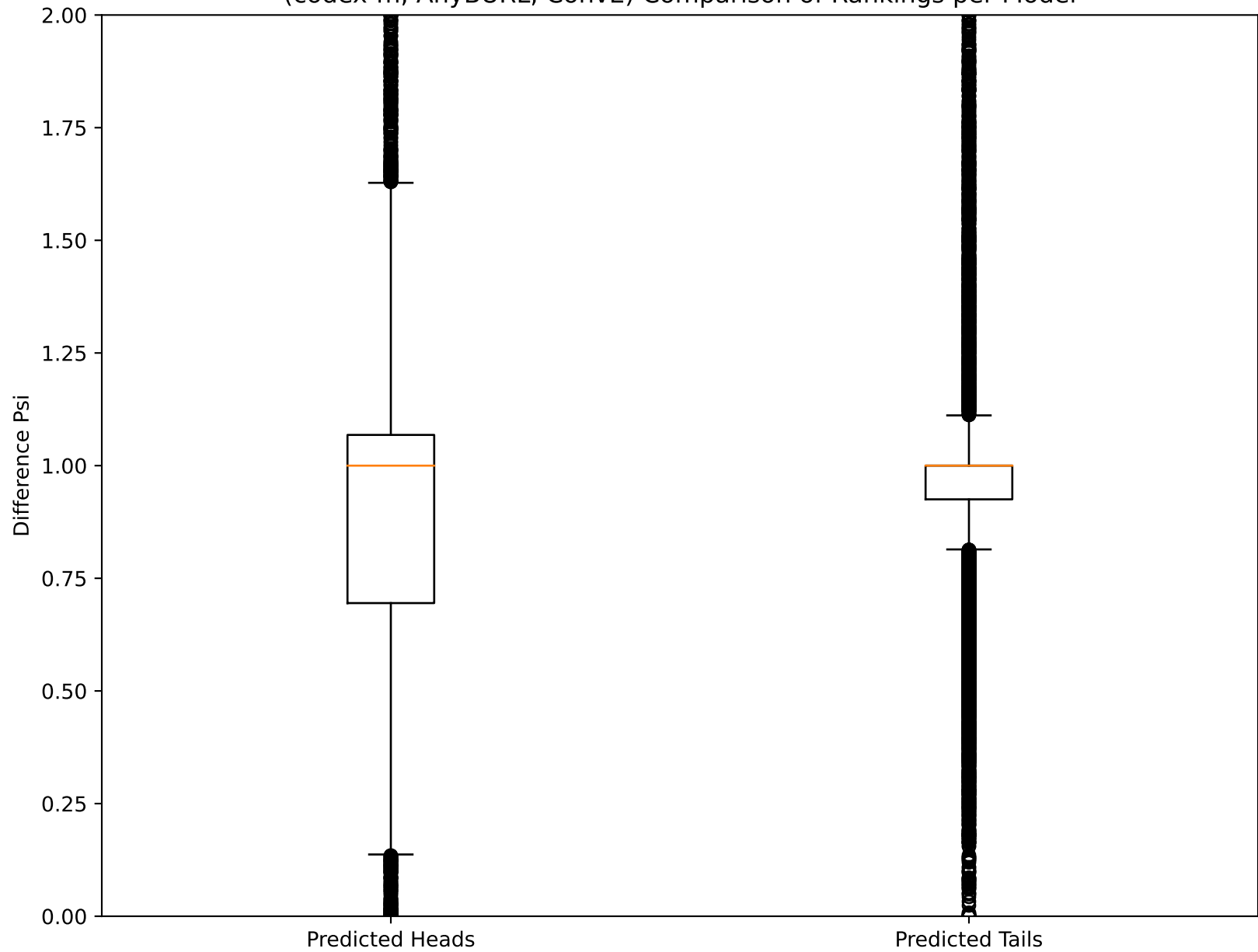
(codex-m, AnyBURL, ConvE) Comparison of Rankings per Model and Prediction Direction



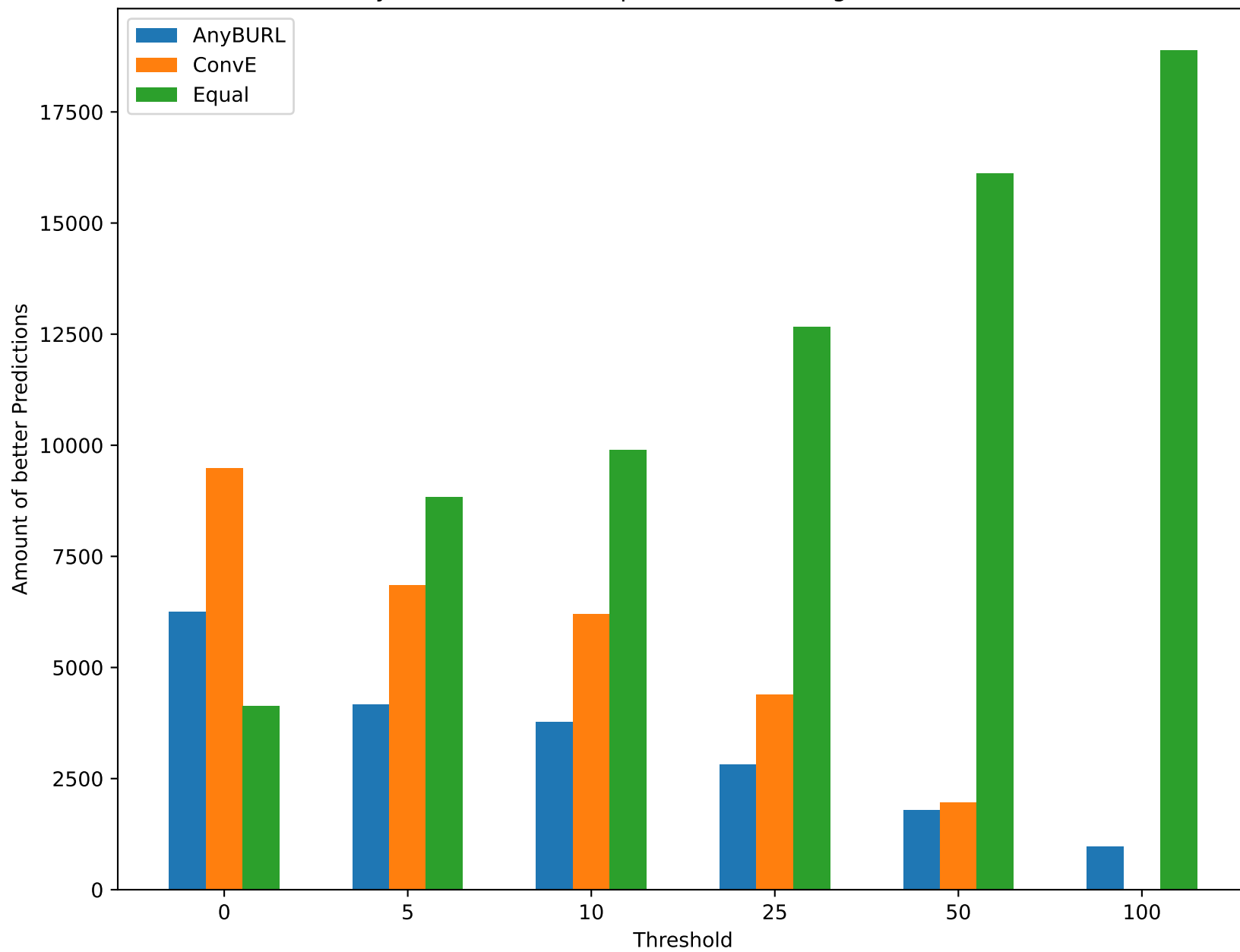
(codex-m, AnyBURL, ConvE) Comparison of Rankings per Model



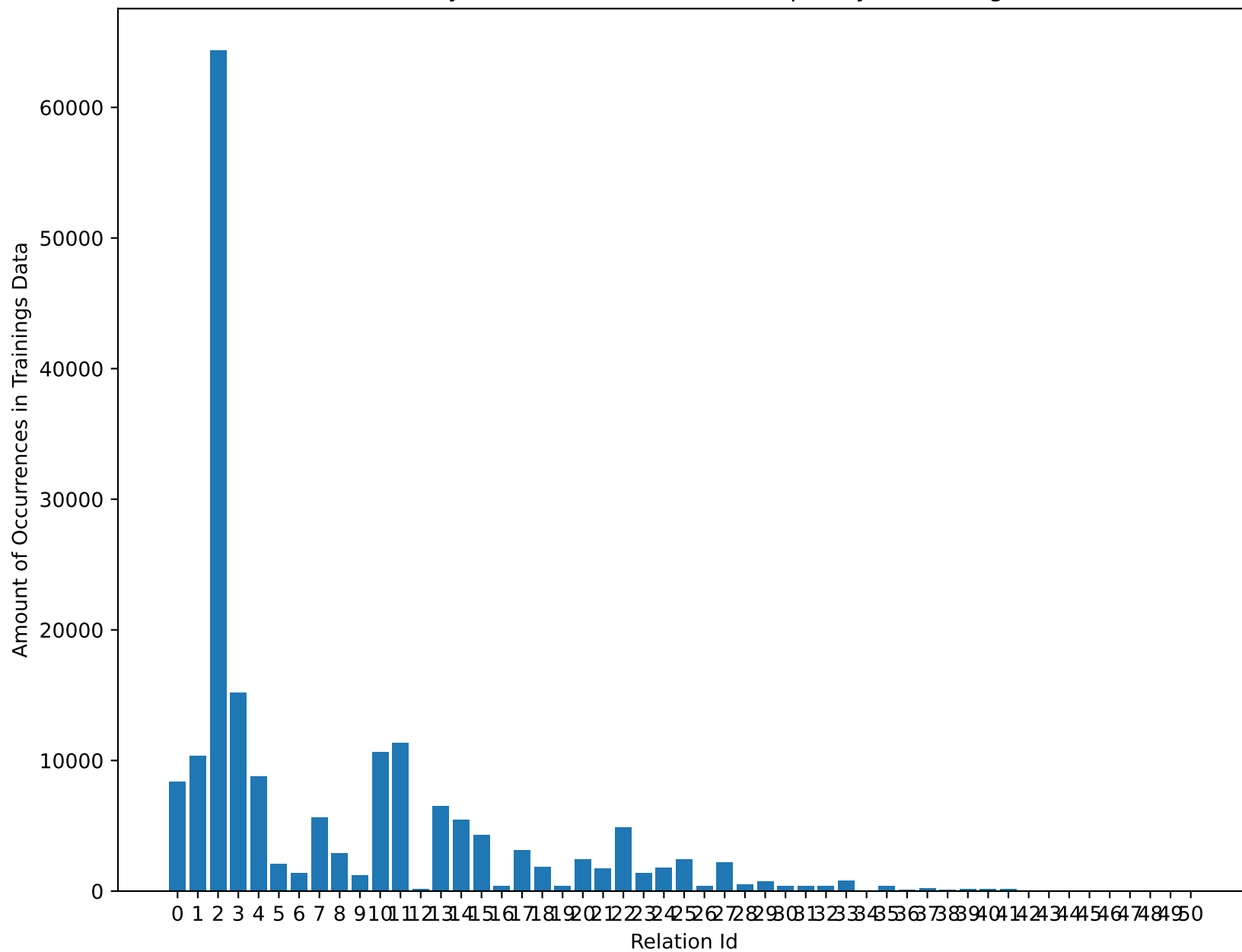
(codex-m, AnyBURL, ConvE) Comparison of Rankings per Model



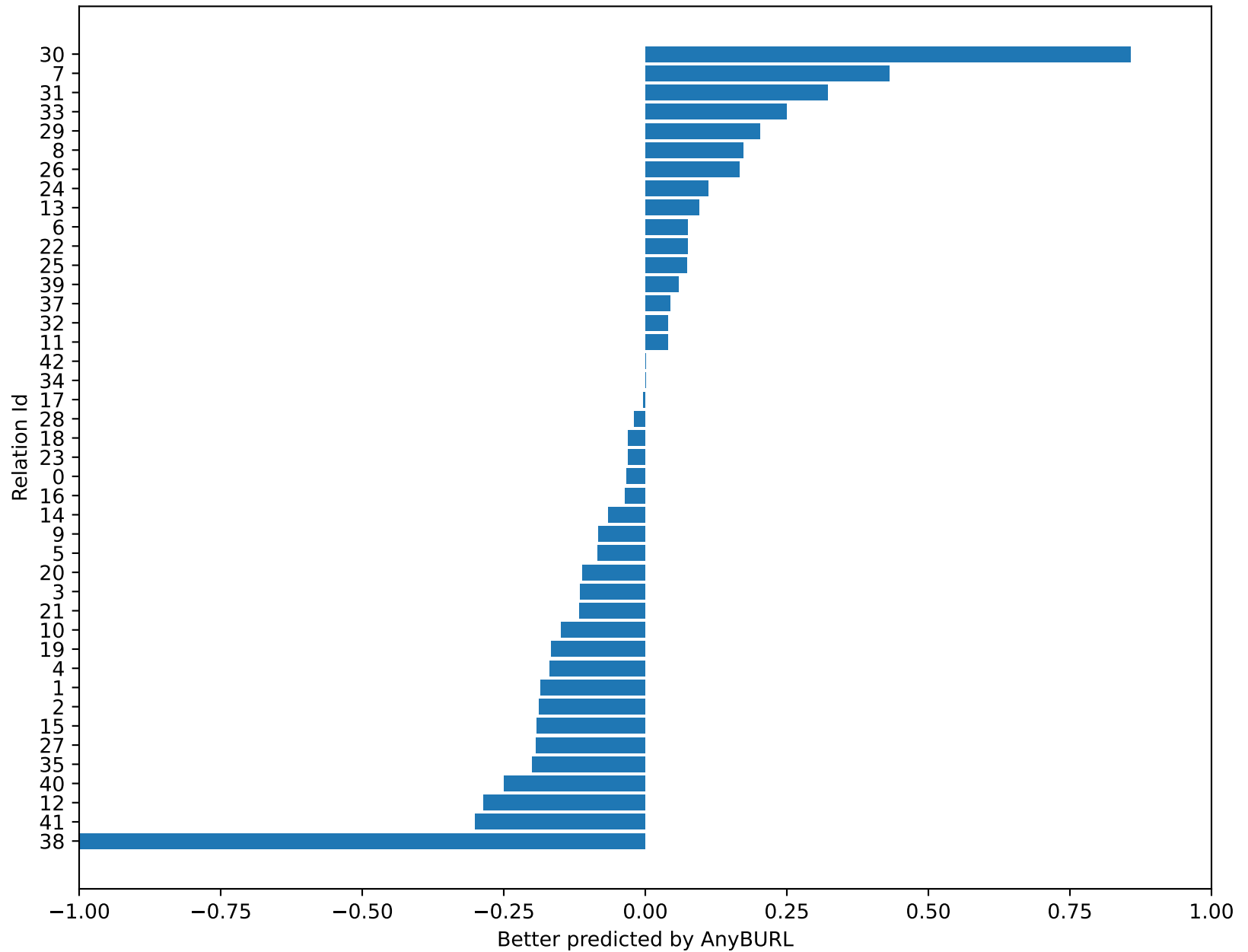
(codex-m, AnyBURL, ConvE) Comparison of Rankings for different Thresholds



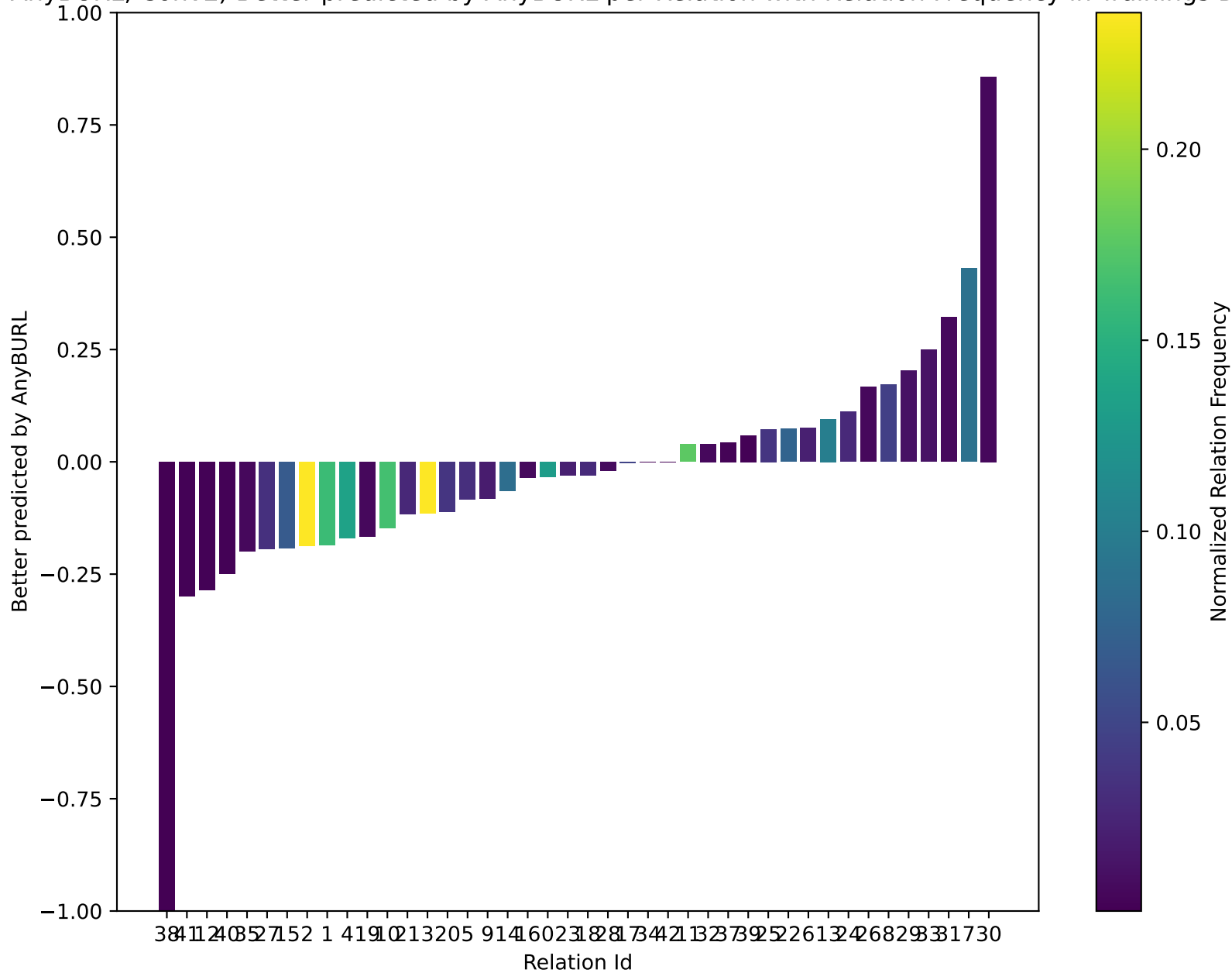
(codex-m, AnyBURL, ConvE) Relation Frequency in Trainings Data



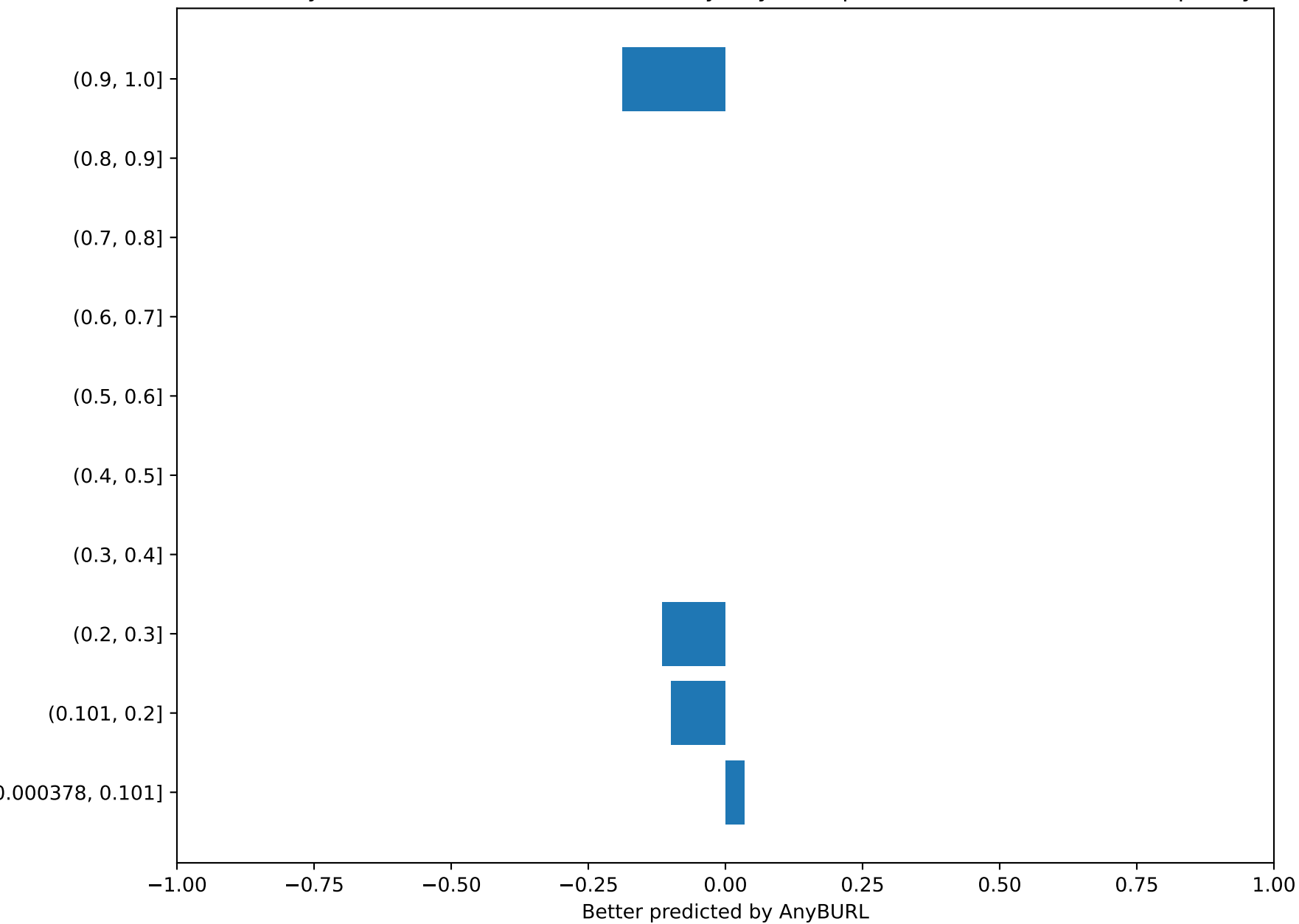
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Relation



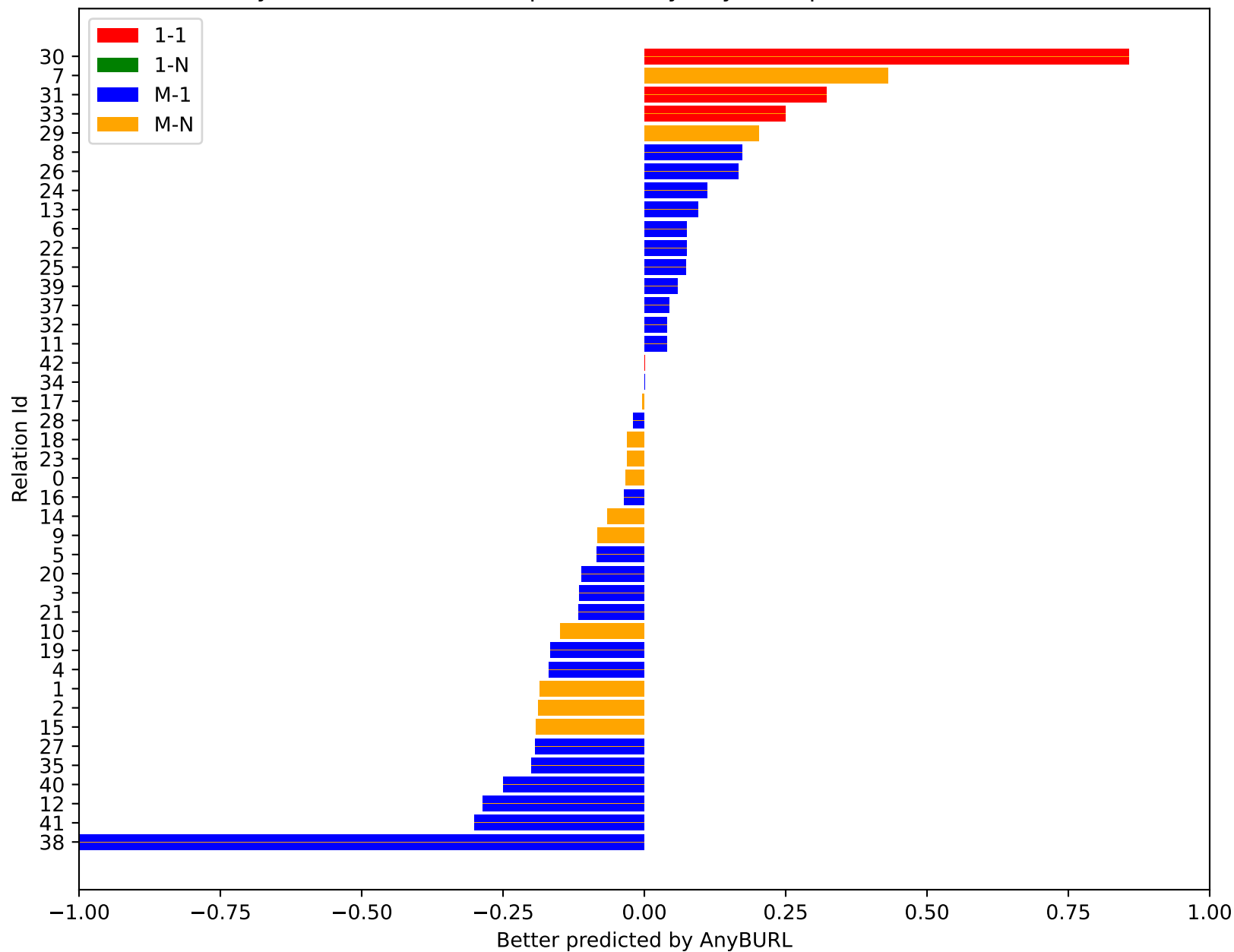
ex-m, AnyBURL, ConvE) Better predicted by AnyBURL per Relation with Relation Frequency in Trainings Data



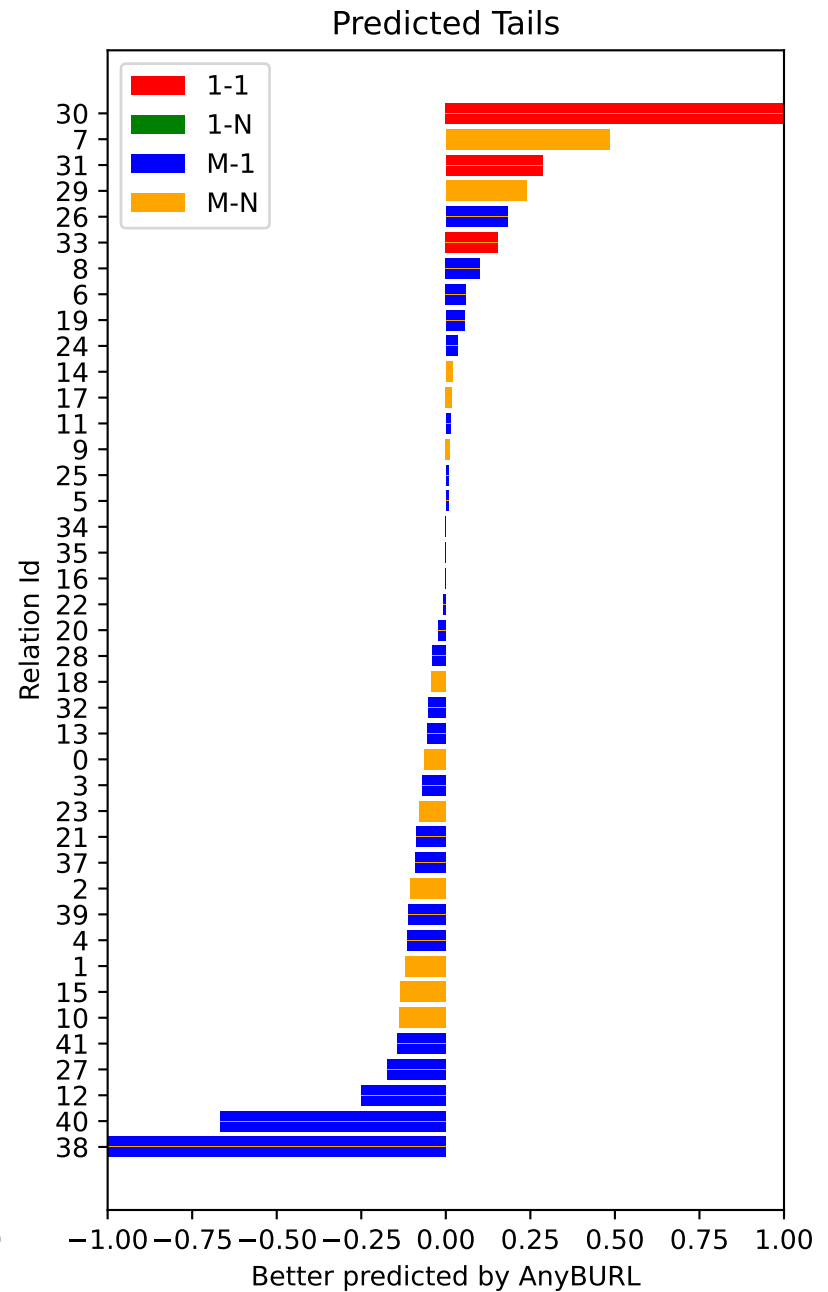
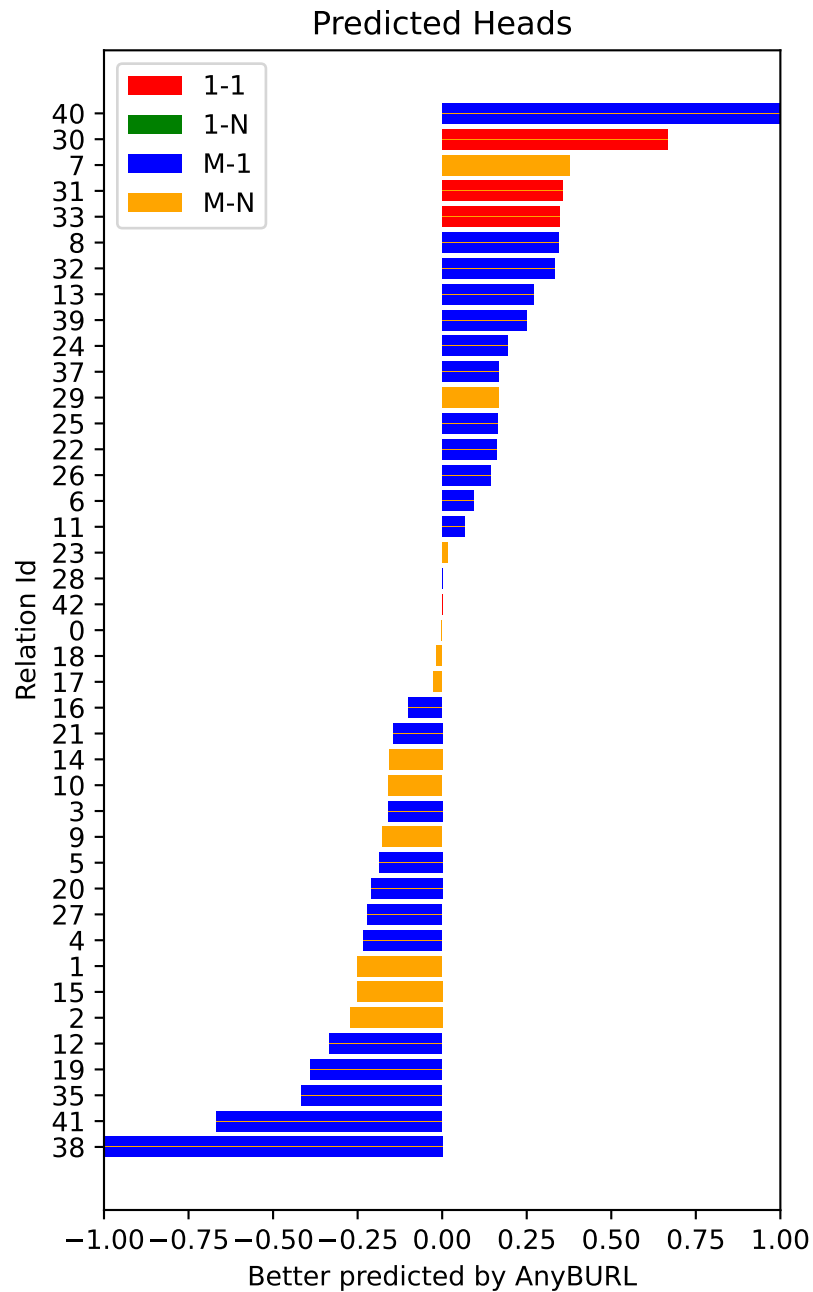
(codex-m, AnyBURL, Conve) Better Predicted by AnyBURL per Normalized Relation Frequency Bin



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



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



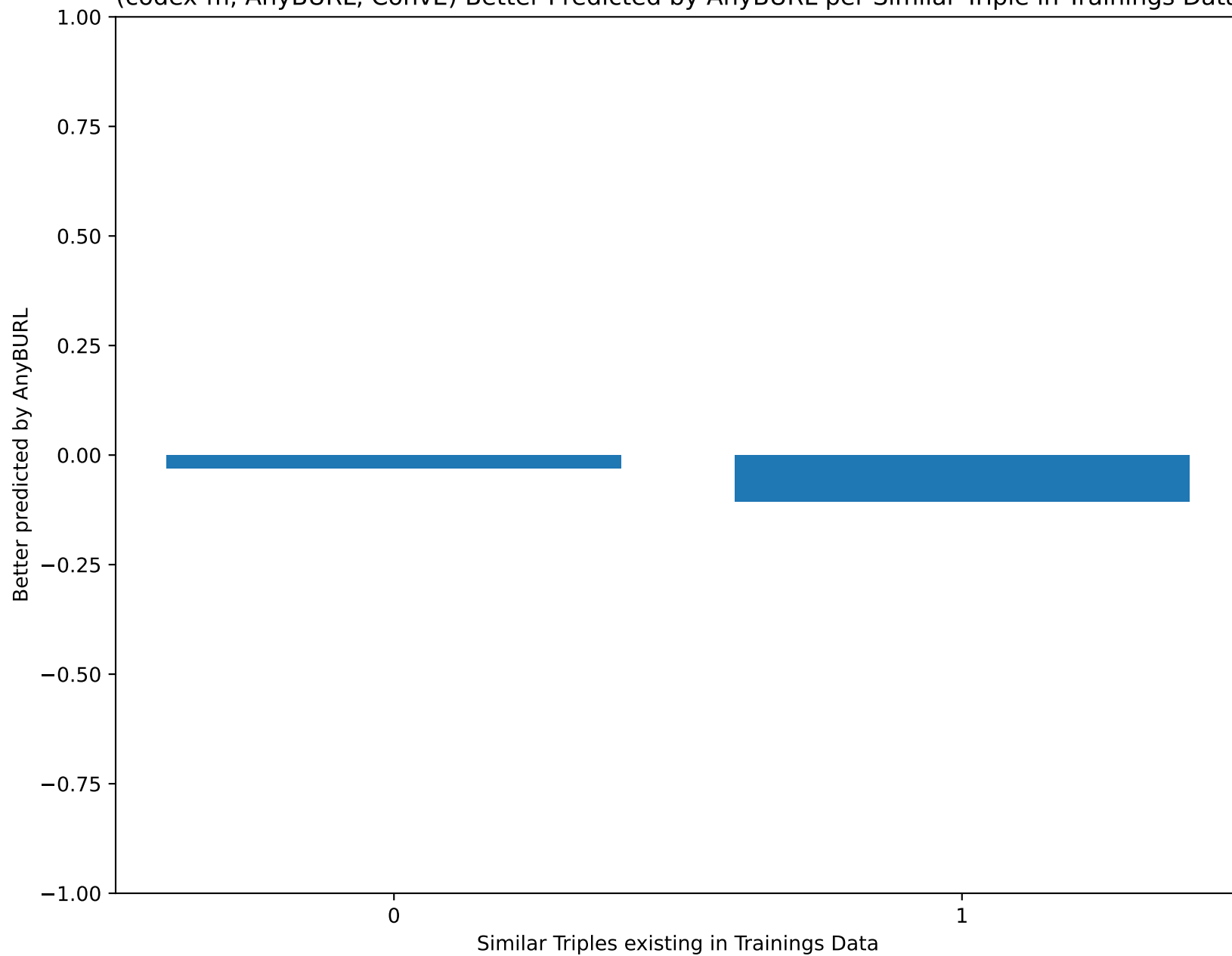
(codex-m, AnyBURL, ConvE) Better predicted per Relation Class in %

	AnyBURL	ConvE	Equal
1-1	29.286%	0.000%	70.714%
1-N	0.000%	0.000%	0.000%
M-1	15.584%	19.344%	65.072%
M-N	15.287%	27.940%	56.773%

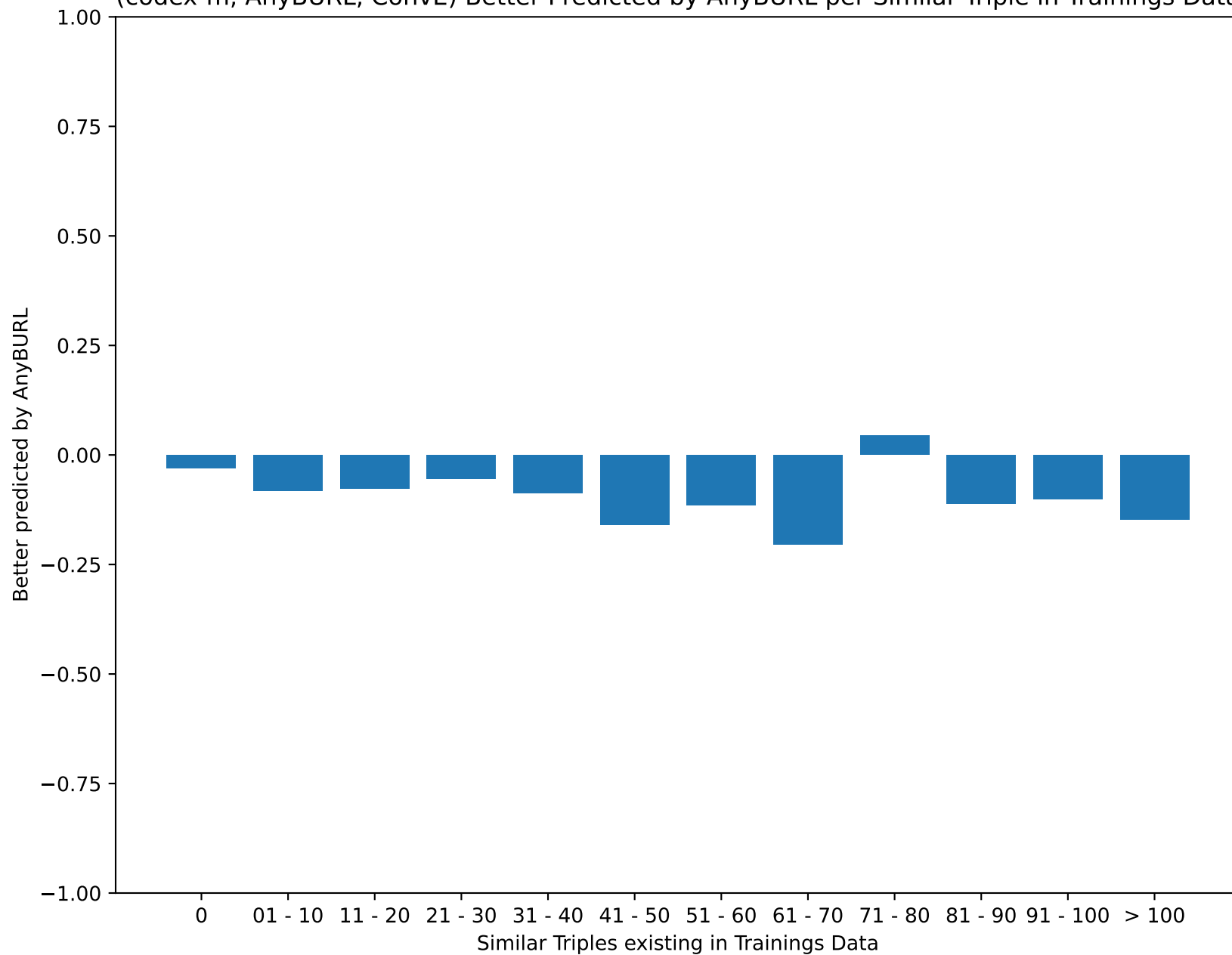
(codex-m, AnyBURL, ConvE) Better predicted per Relation Class in % (cleaned)

	AnyBURL	ConvE	Equal
1-1	29.286%	0.000%	70.714%
1-N	22.663%	26.192%	51.146%
M-1	9.240%	13.208%	77.553%
M-N	15.287%	27.940%	56.773%

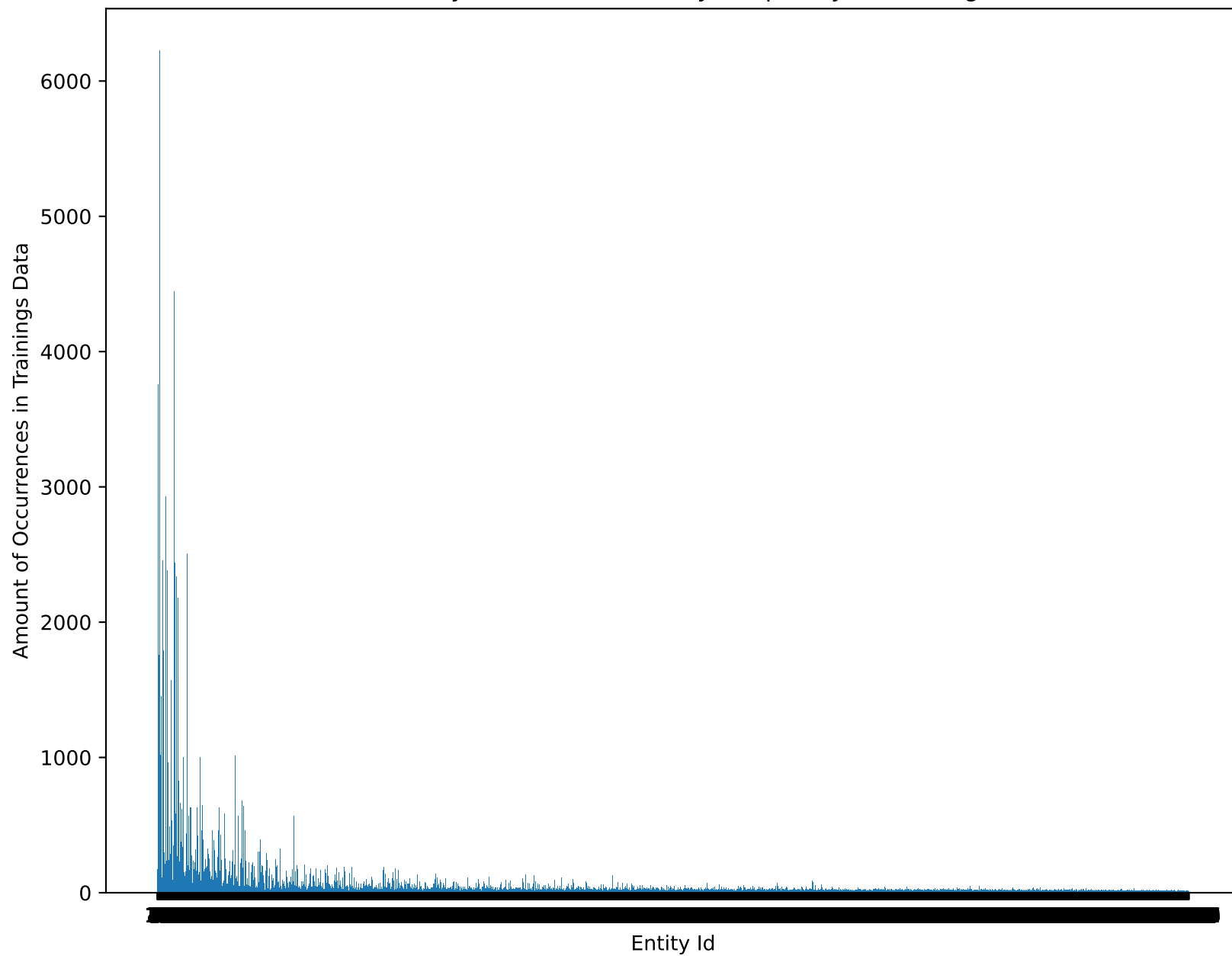
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Similar Triple in Trainings Data



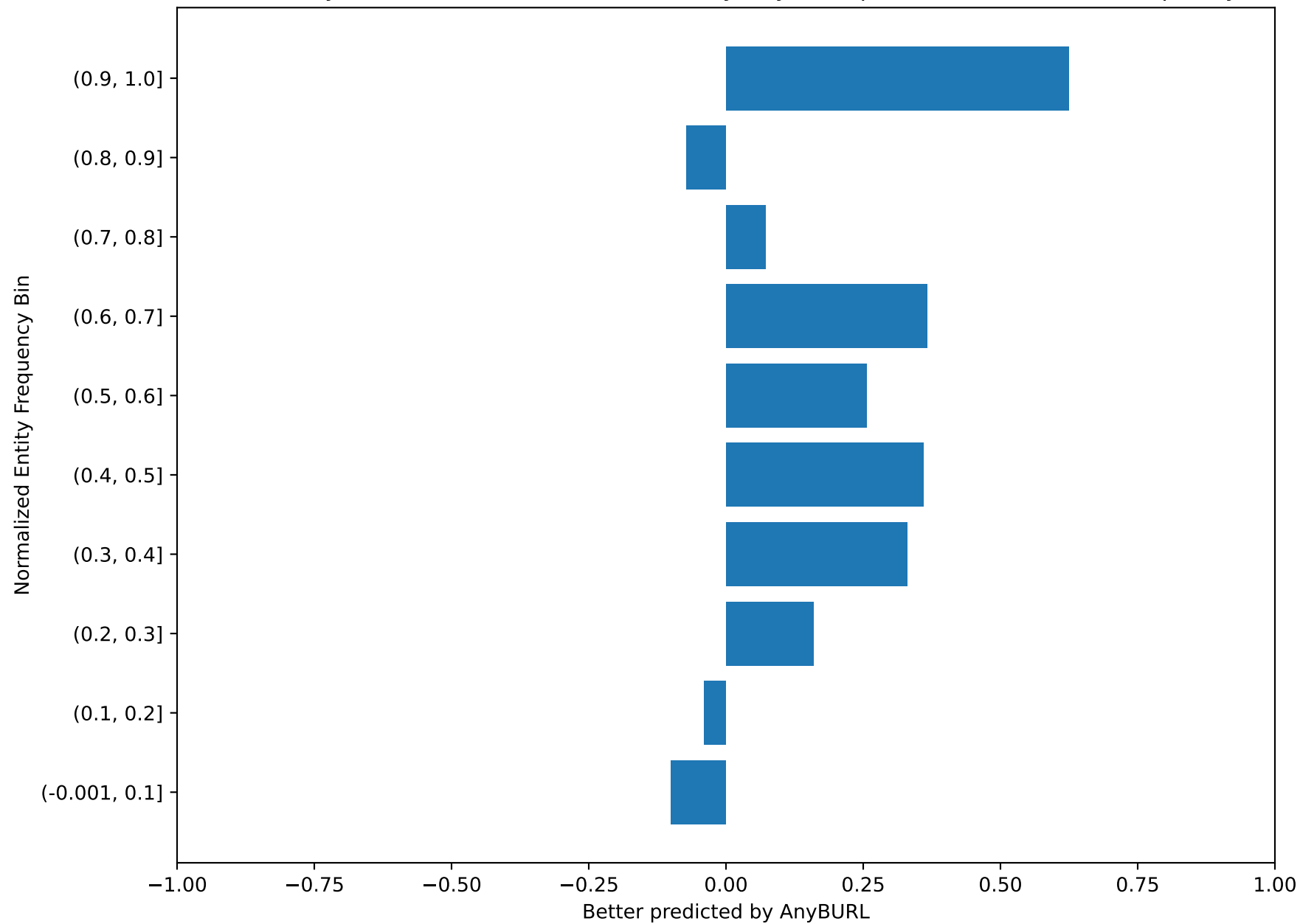
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Similar Triple in Trainings Data



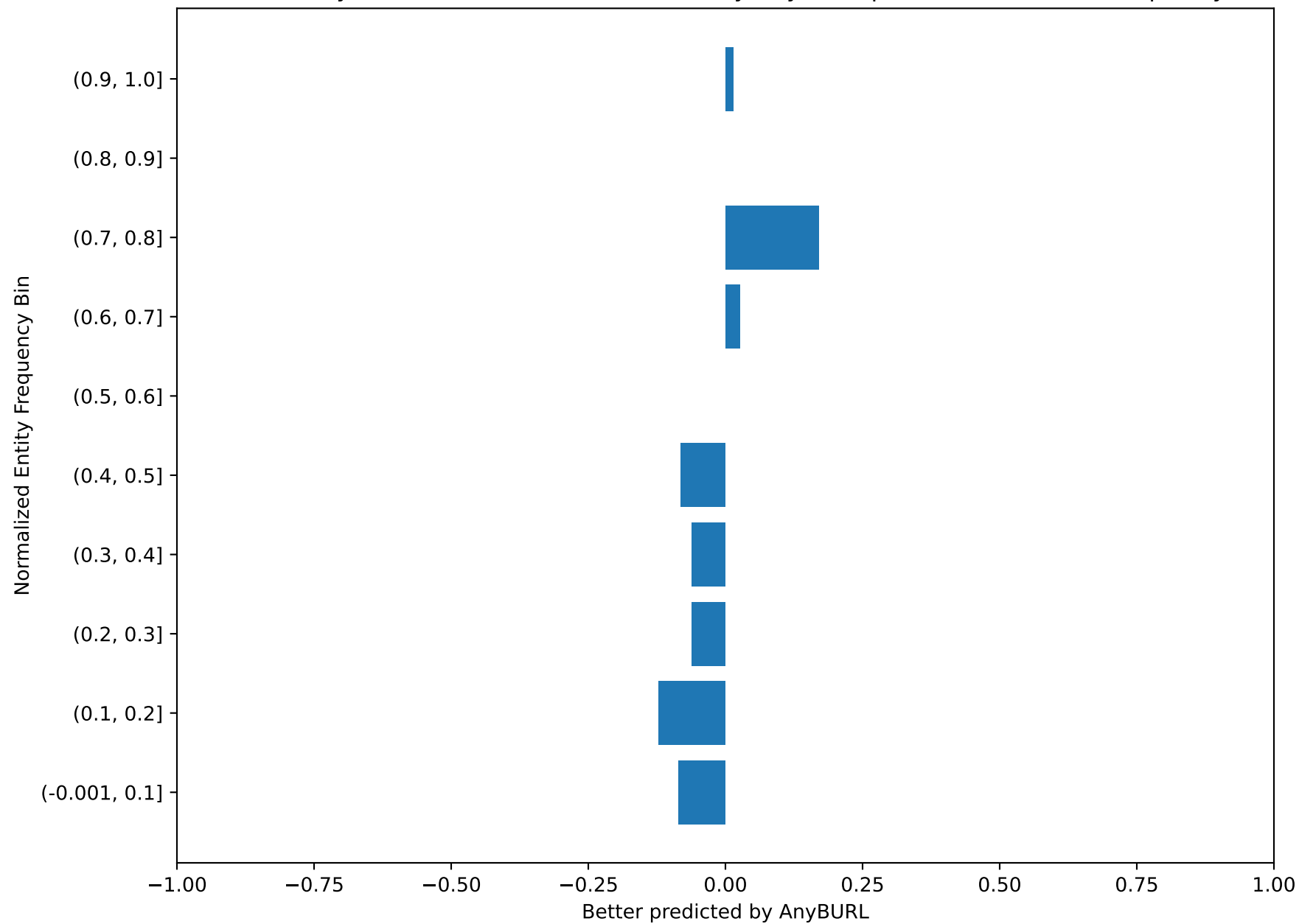
(codex-m, AnyBURL, ConvE) Entity Frequency in Trainings Data



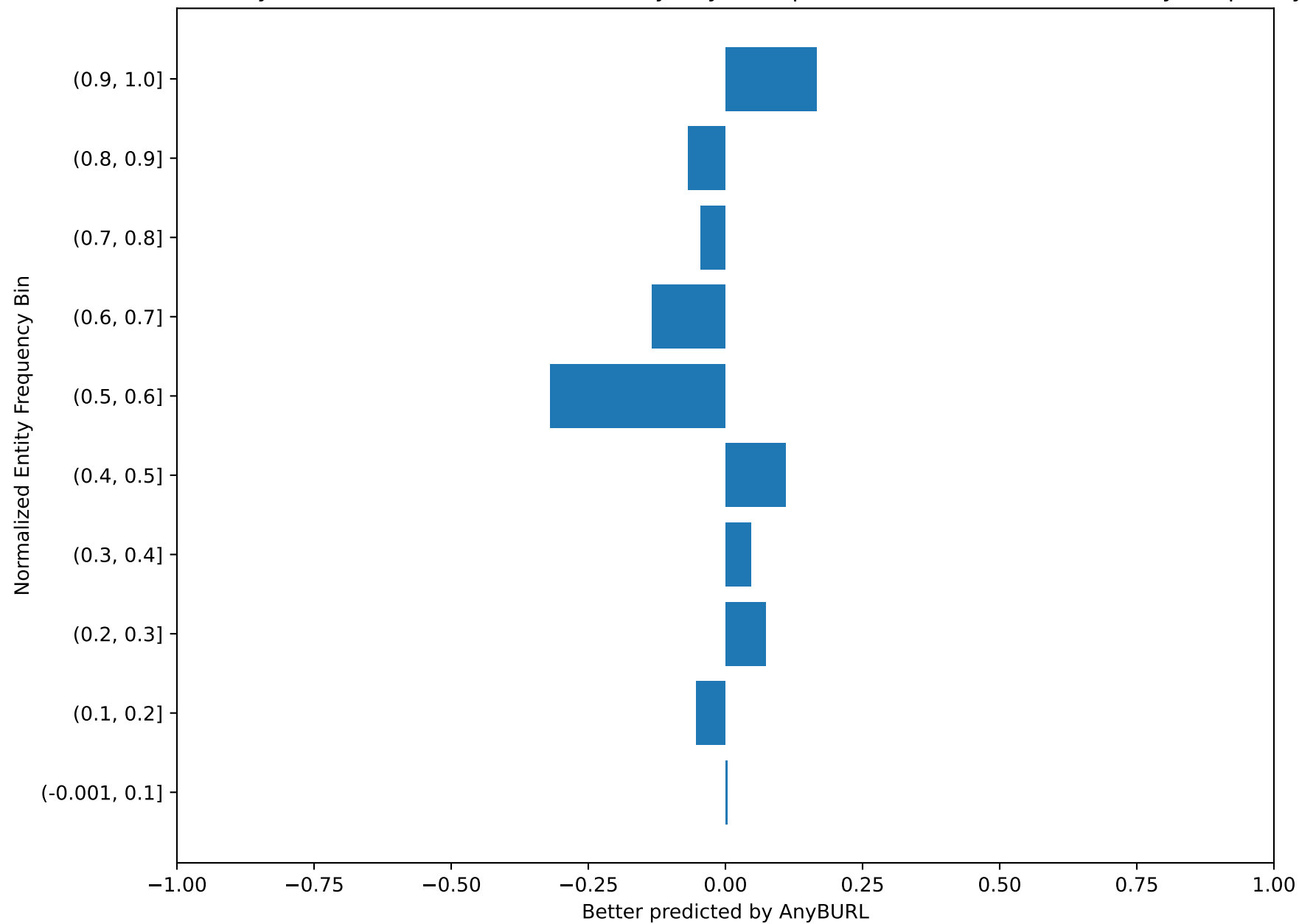
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Normalized Head Frequency Bin



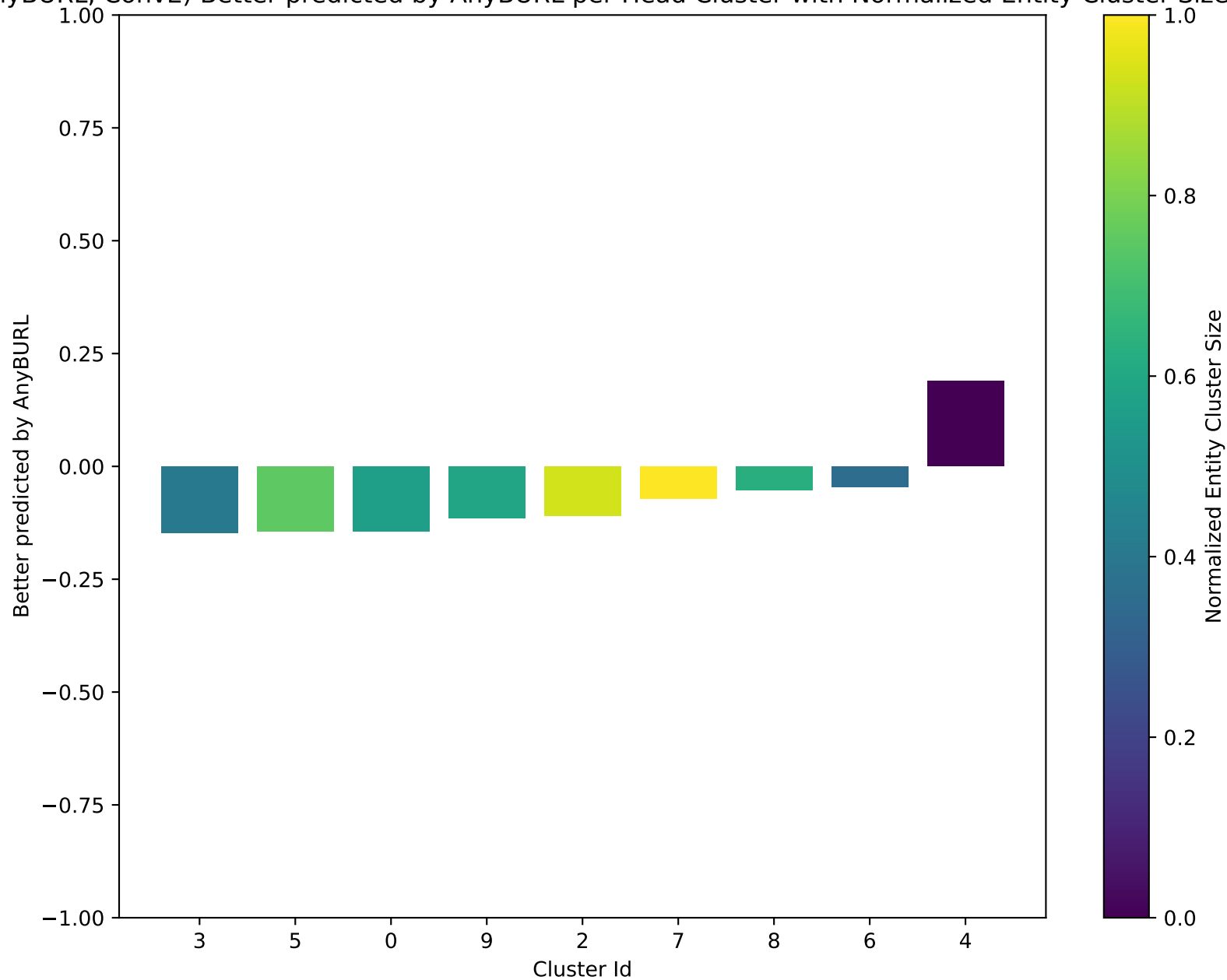
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Normalized Tail Frequency Bin



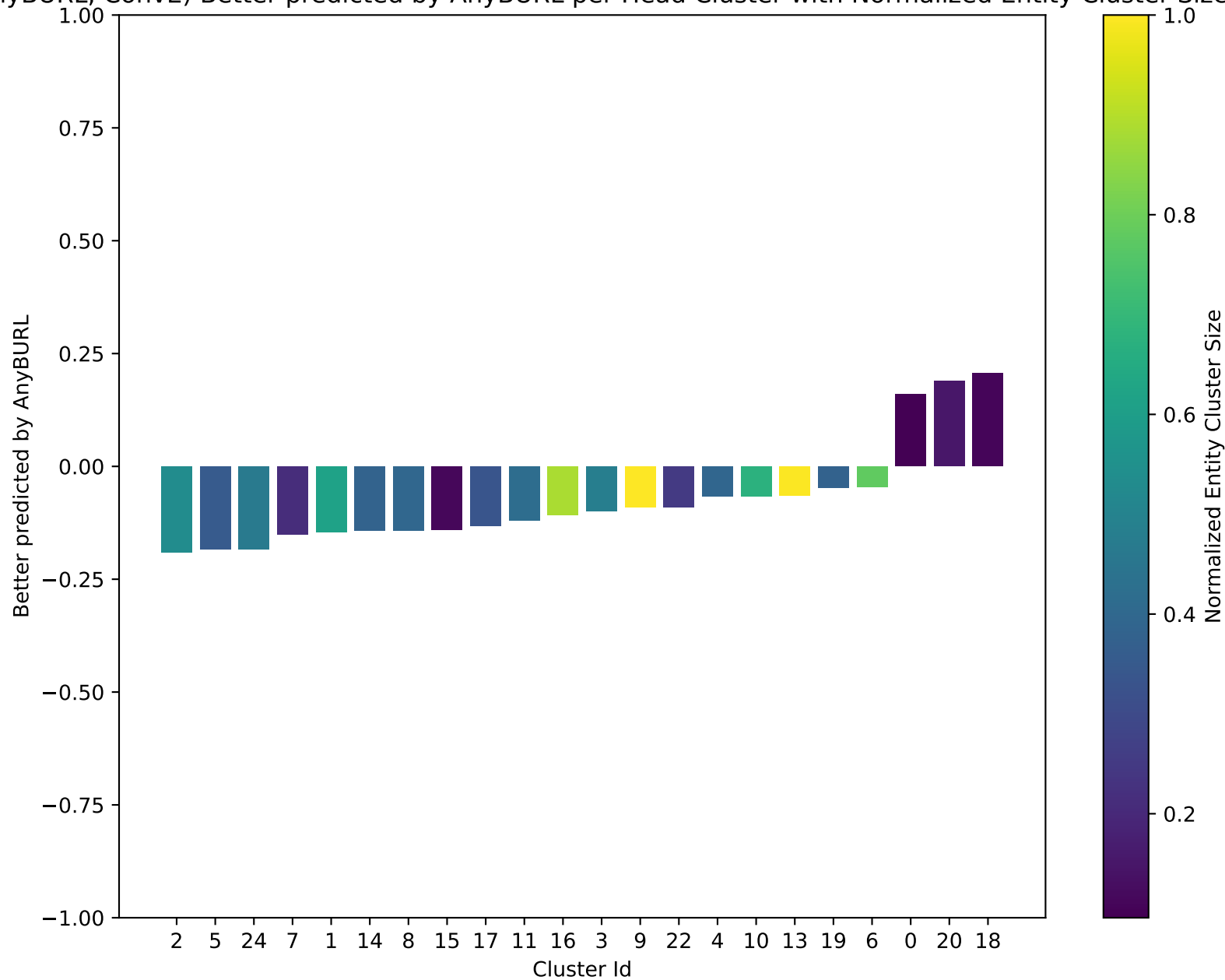
(codex-m, AnyBURL, ConvE) Better Predicted by AnyBURL per Combined Normalized Entity Frequency Bin



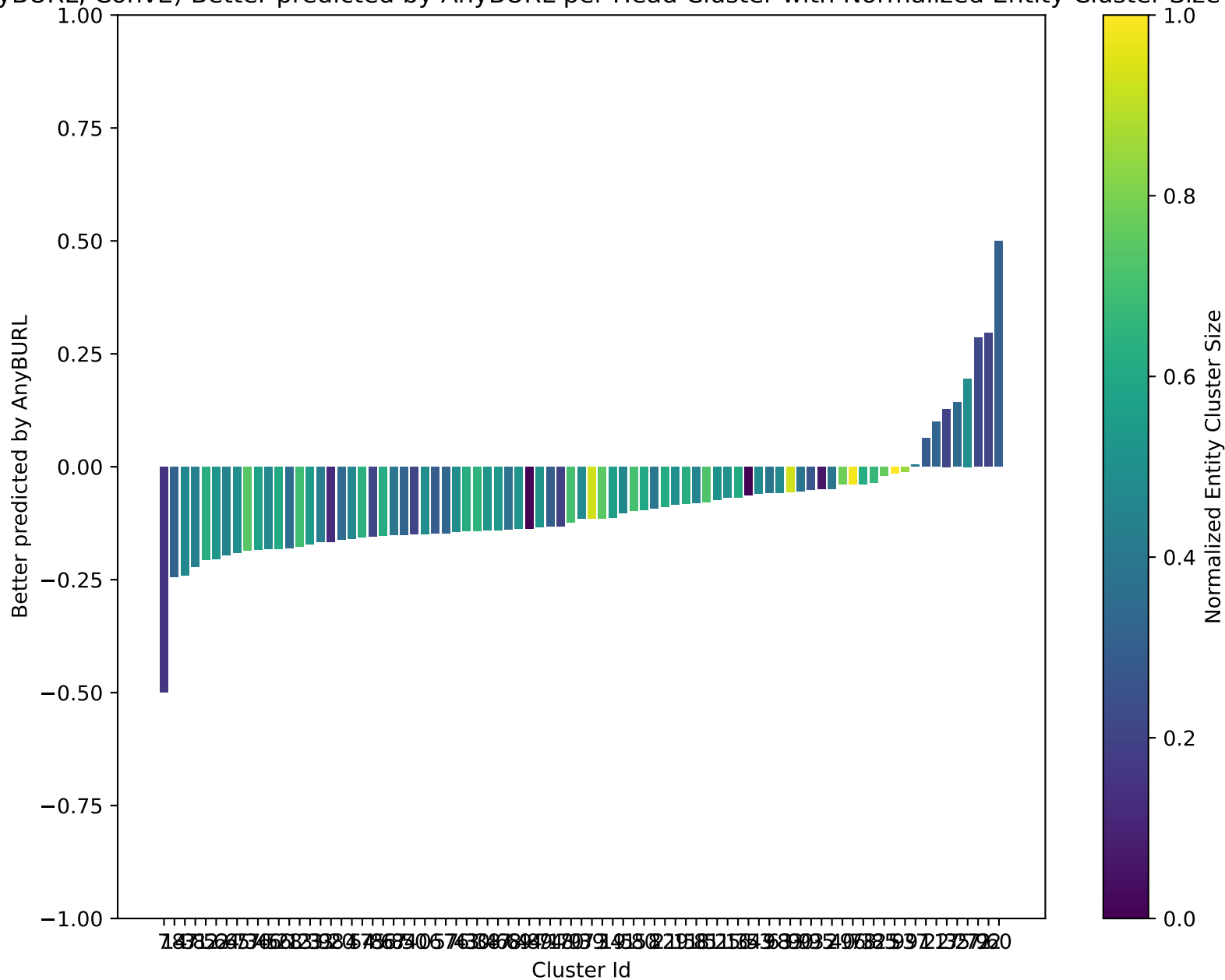
m, AnyBURL, ConVE) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



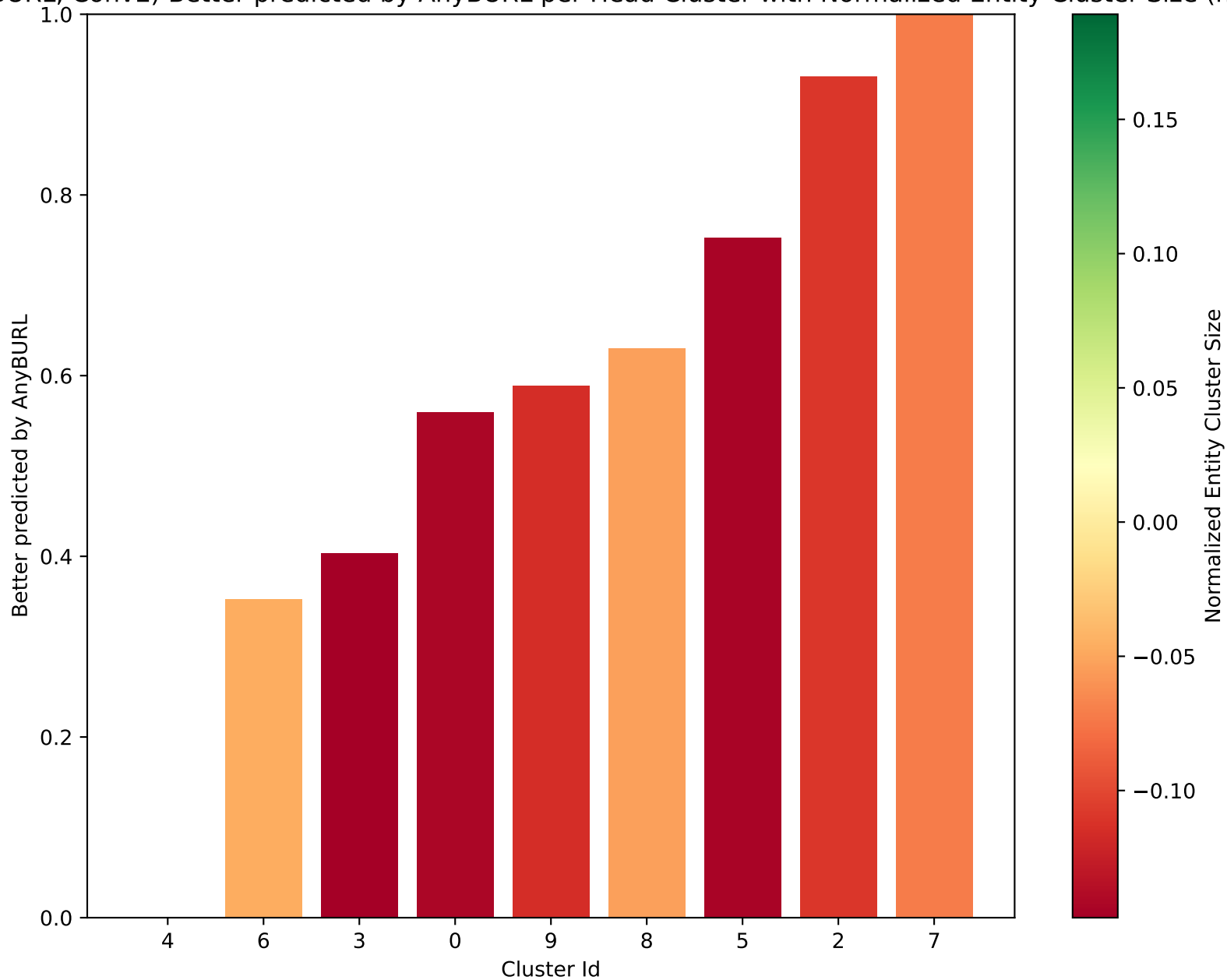
m, AnyBURL, ConVE) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=25)



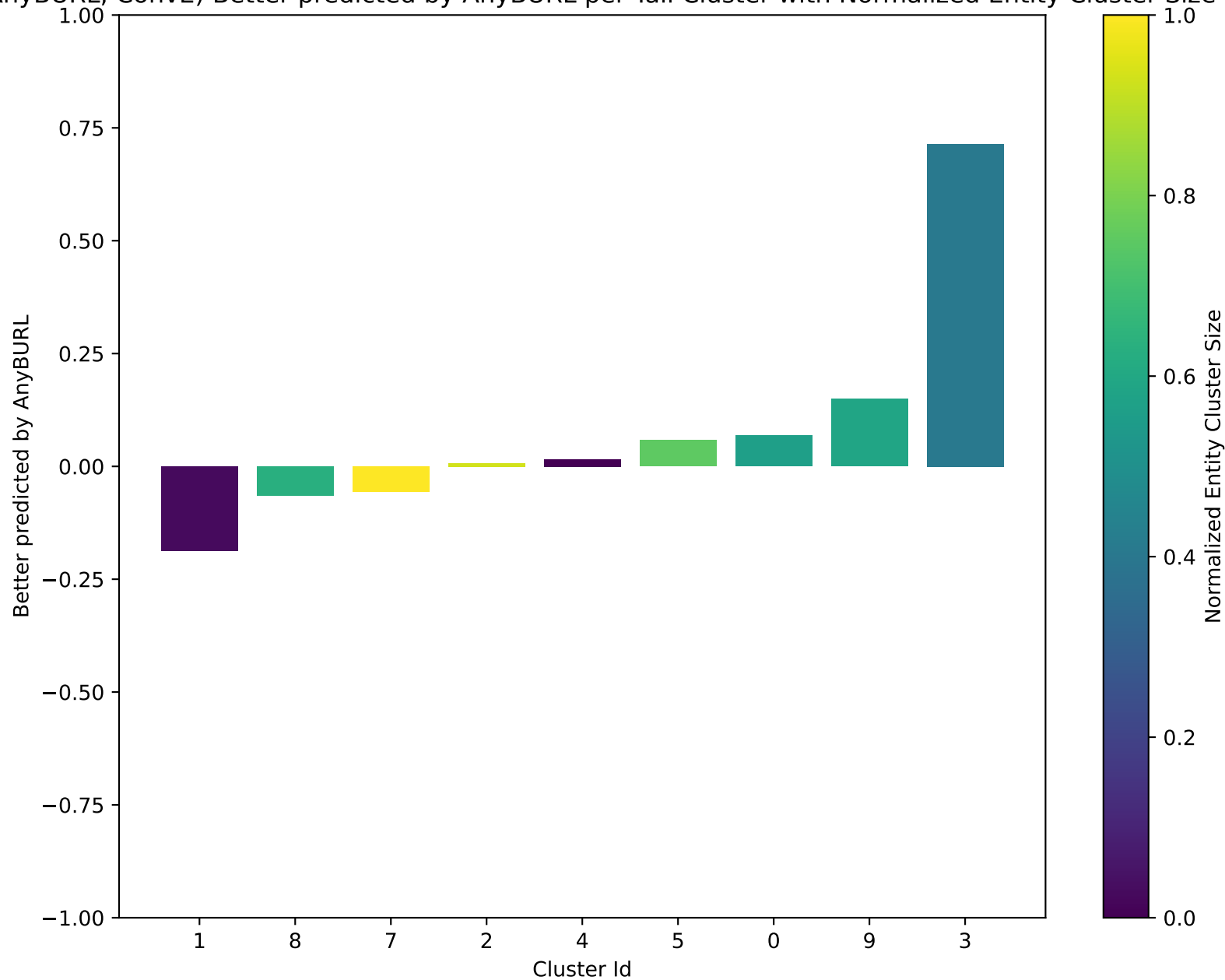
m, AnyBURL, ConvE) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=100)



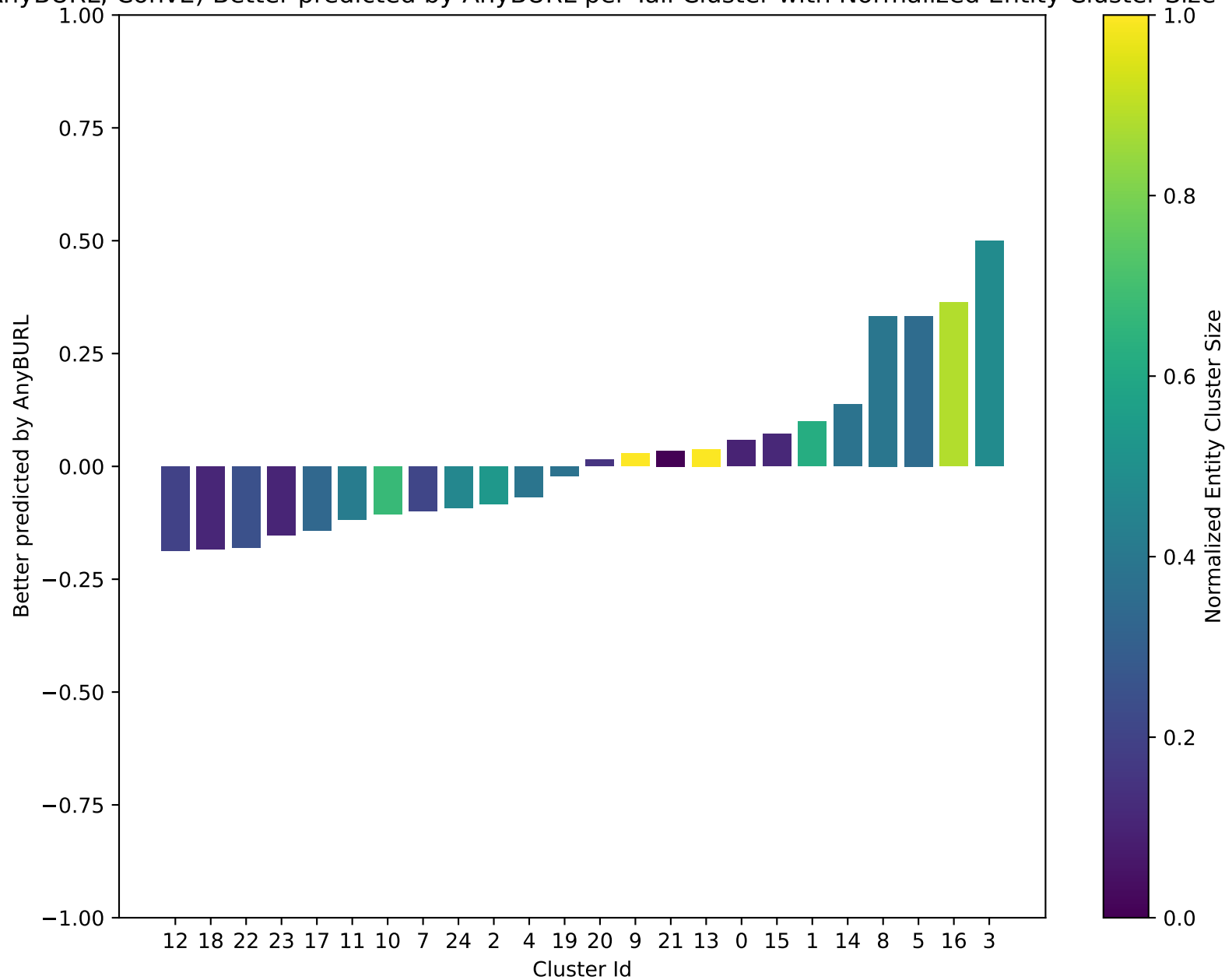
m, AnyBURL, ConVE) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



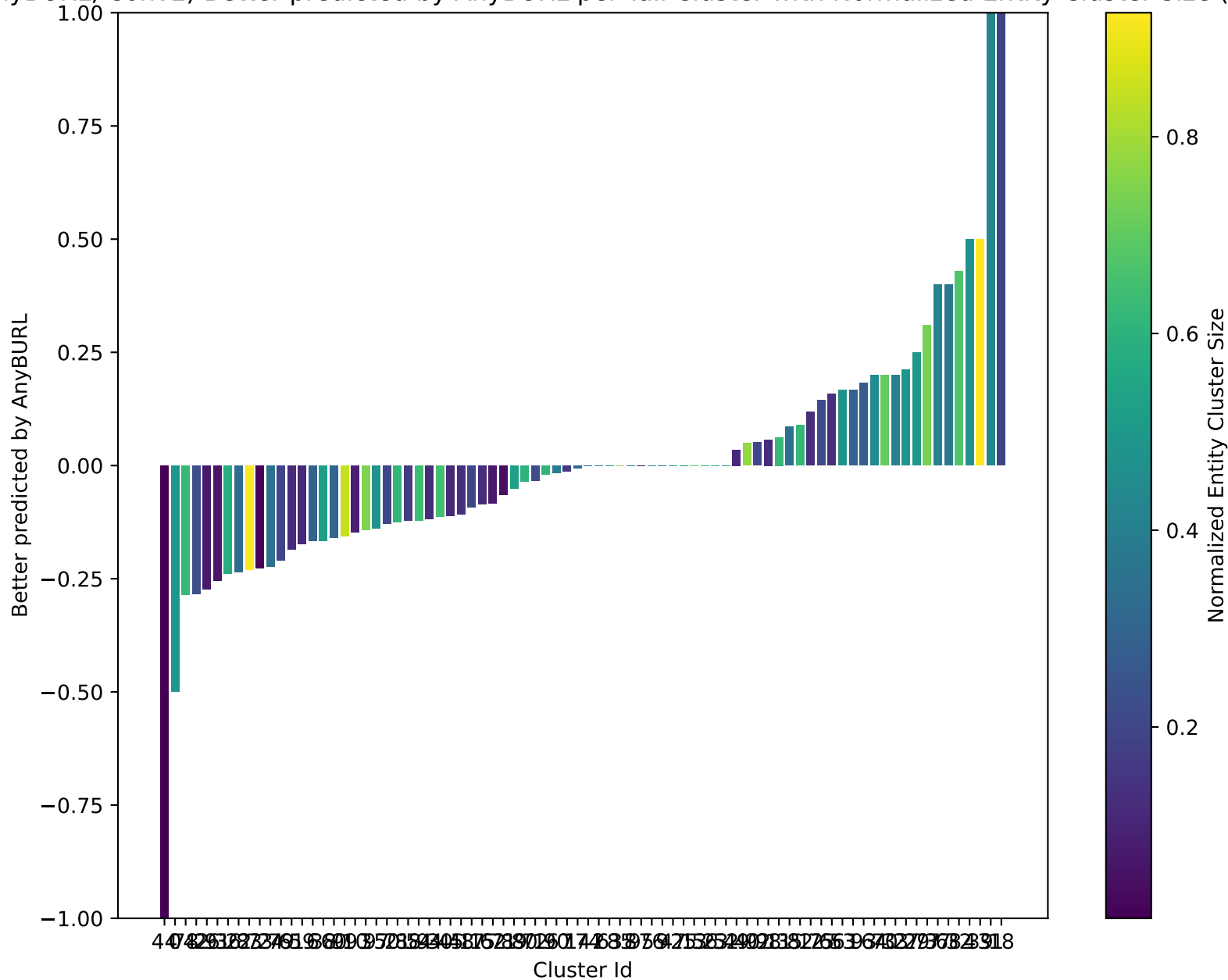
k-m, AnyBURL, ConvE) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)



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



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



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

