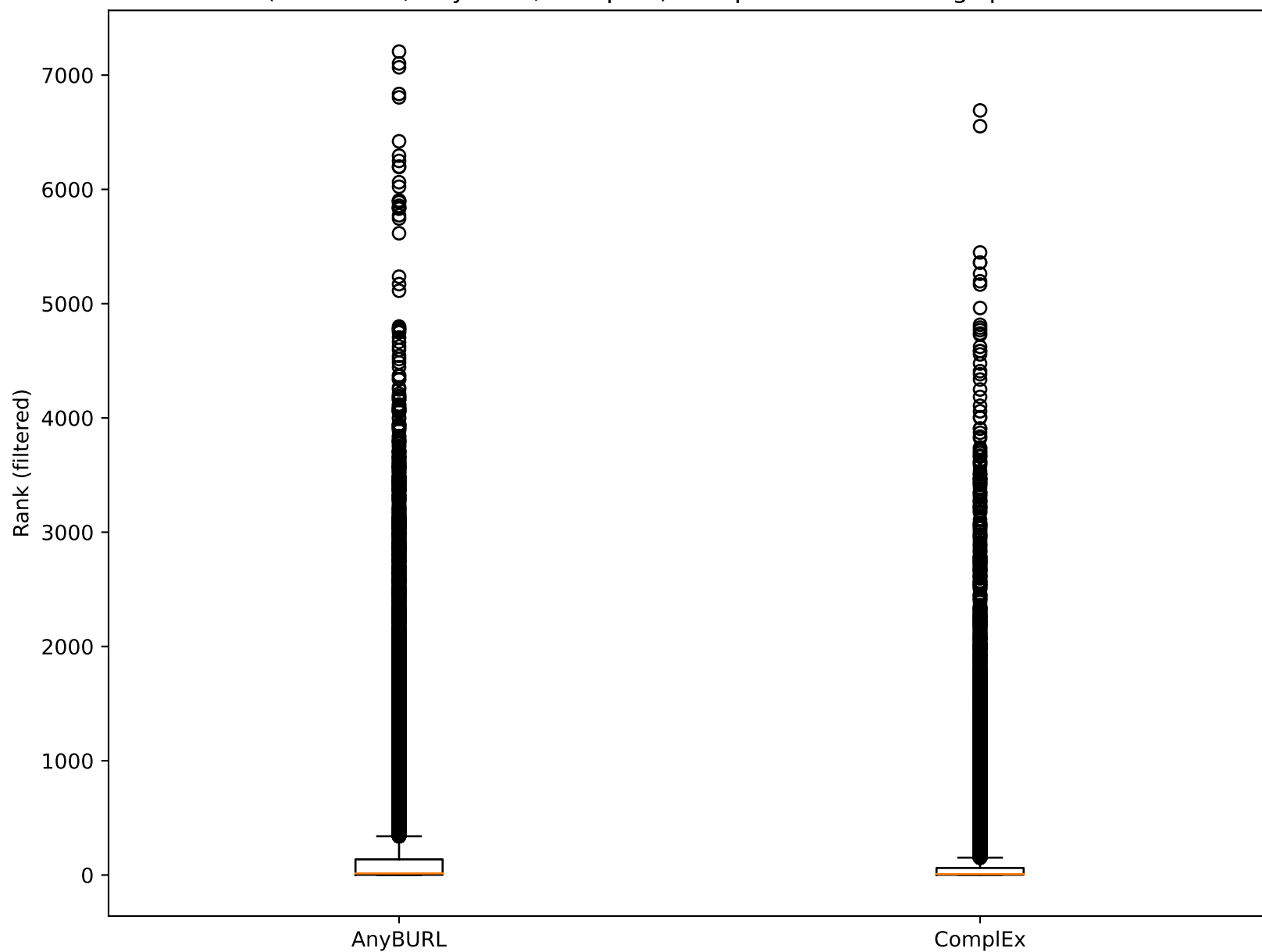


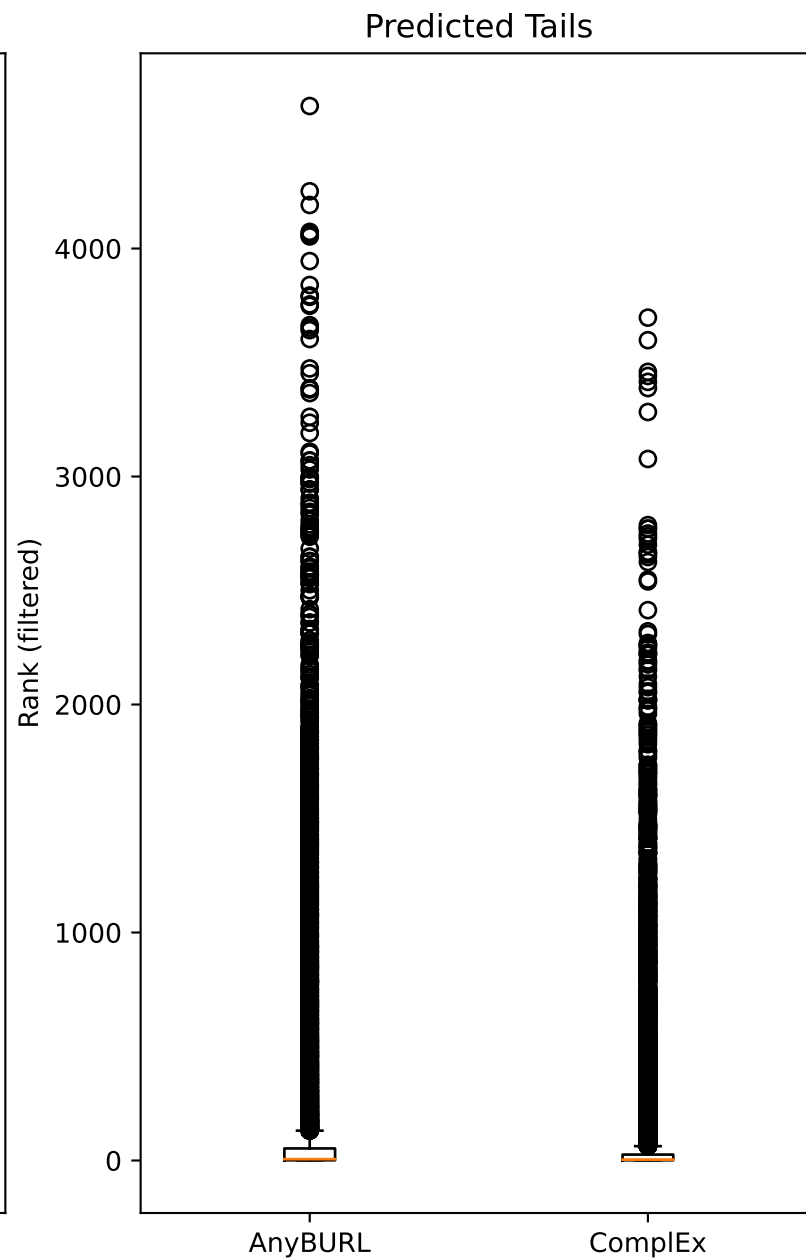
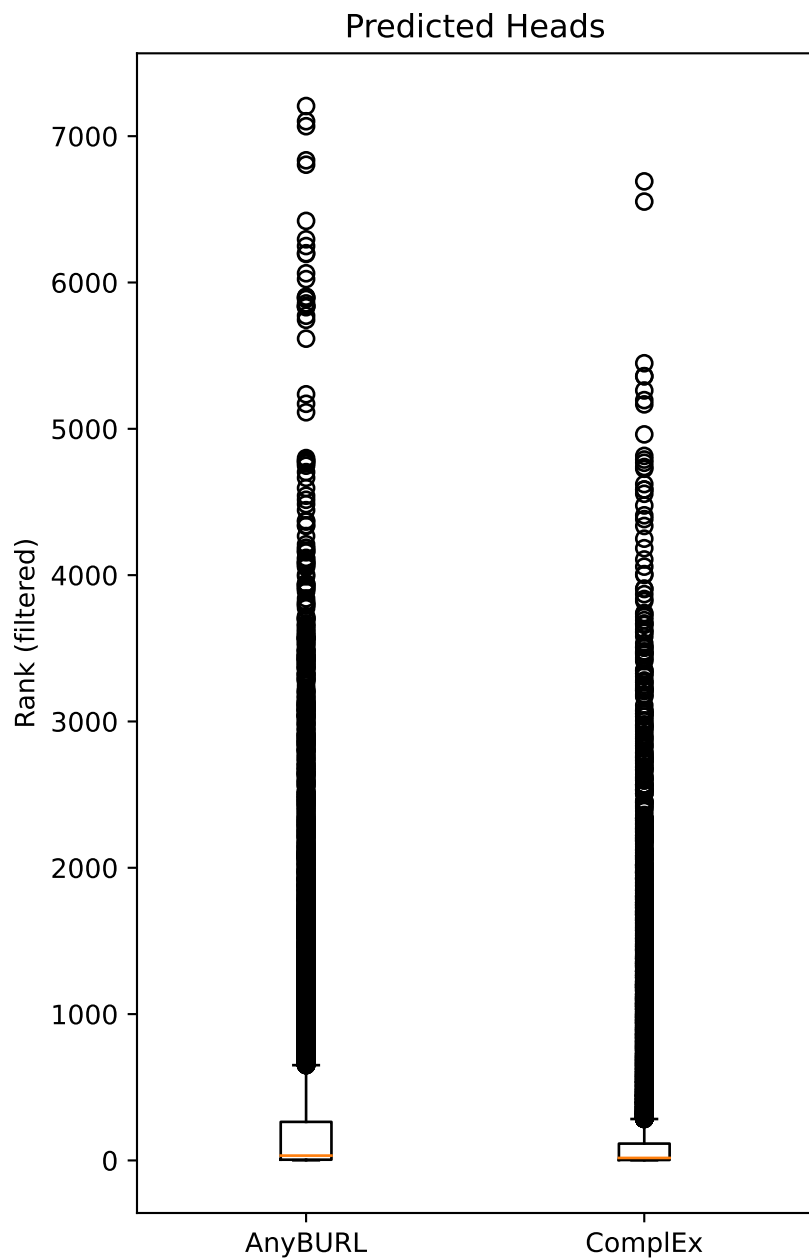
(fb15k-237, AnyBURL, ComplEx) Metrics

	MRR	Hits@1	Hits@10	Hits@100
AnyBURL	0.298	0.217	0.461	0.720
ComplEx Combined	0.345	0.247	0.540	0.797
ComplEx 1	0.360	0.265	0.554	0.806
ComplEx 2	0.359	0.262	0.553	0.806
ComplEx 3	0.360	0.263	0.554	0.805
ComplEx 4	0.360	0.264	0.555	0.808
ComplEx 5	0.362	0.265	0.557	0.808

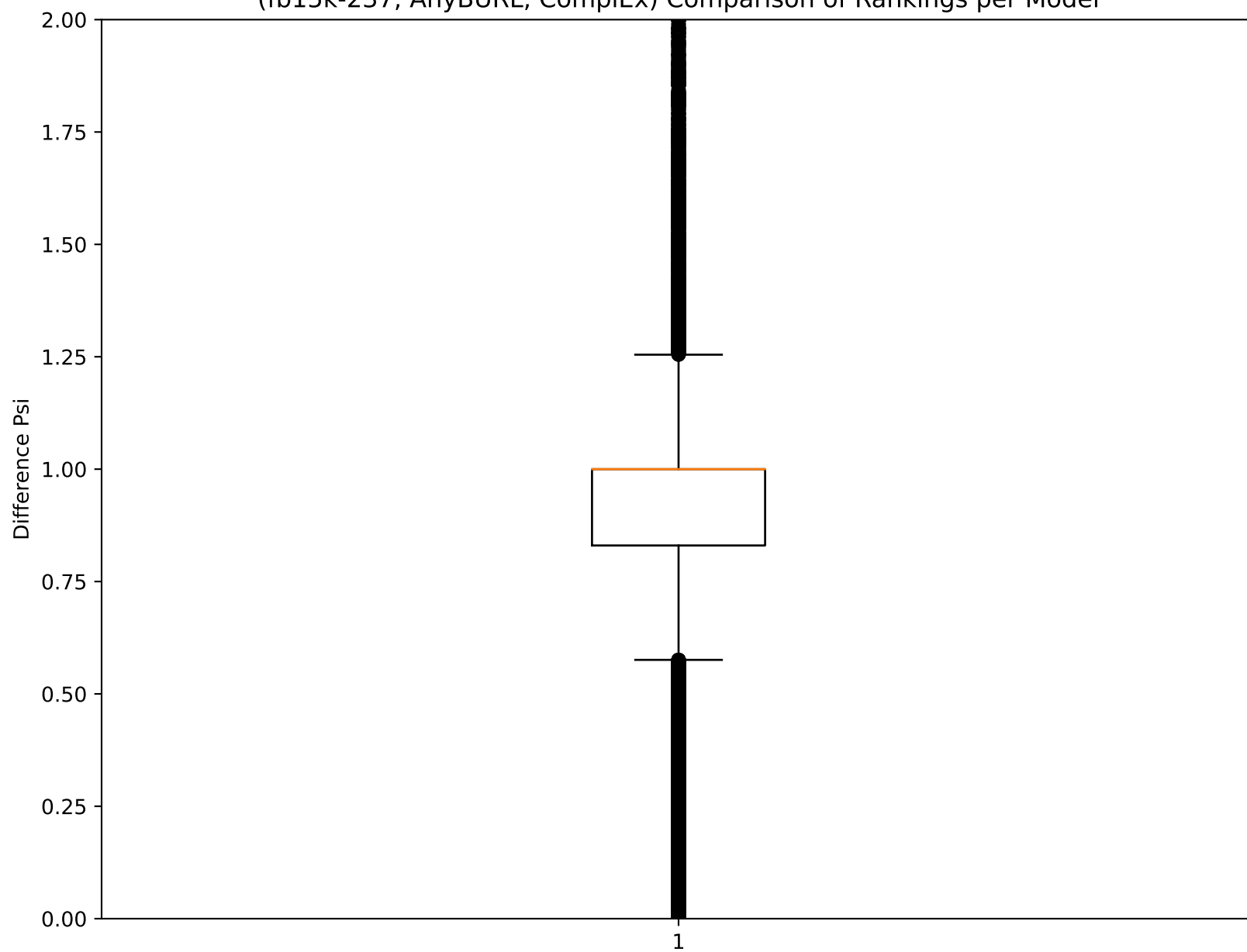
(fb15k-237, AnyBURL, ComplEx) Comparison of Rankings per Model



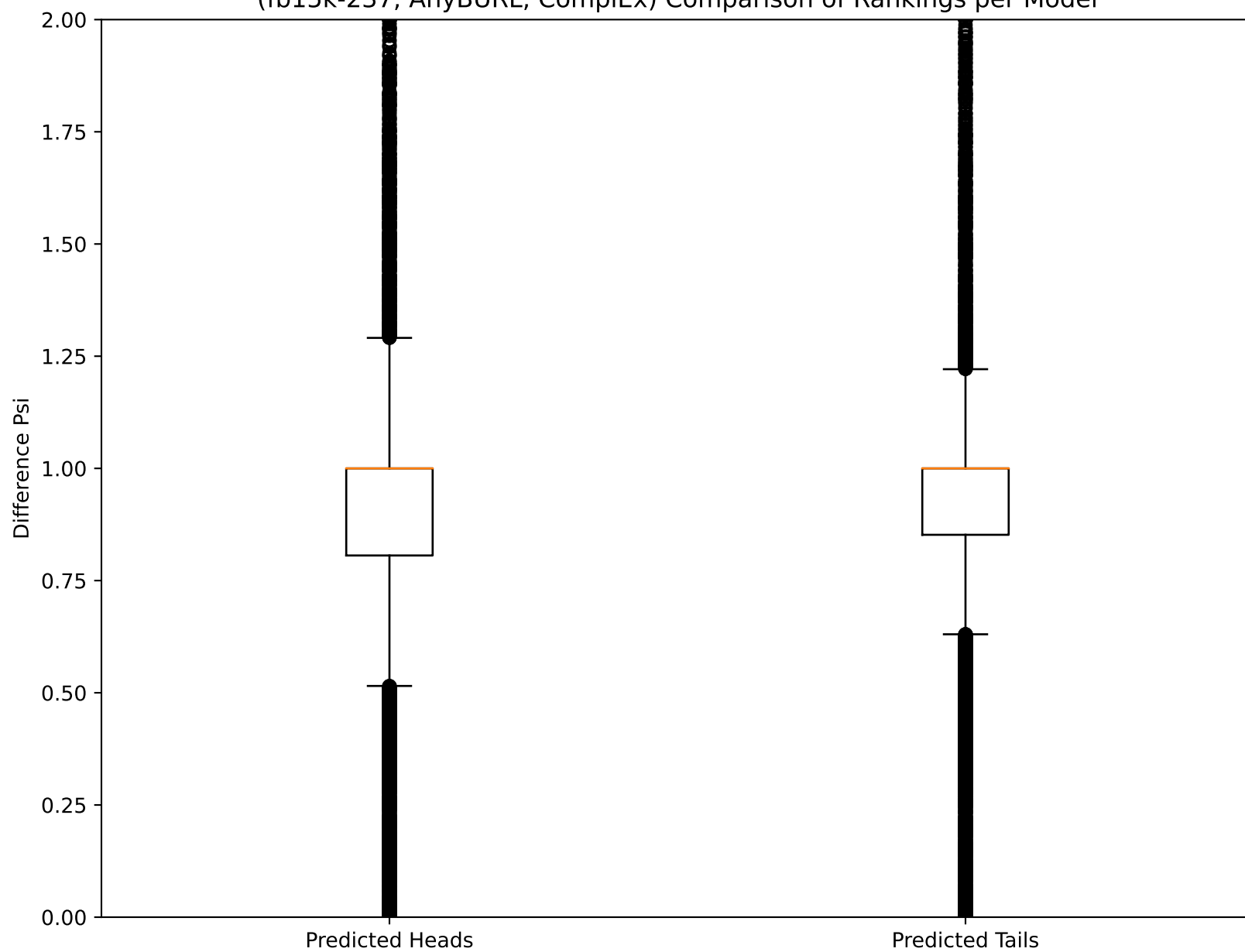
(fb15k-237, AnyBURL, ComplEx) Comparison of Rankings per Model and Prediction Direction



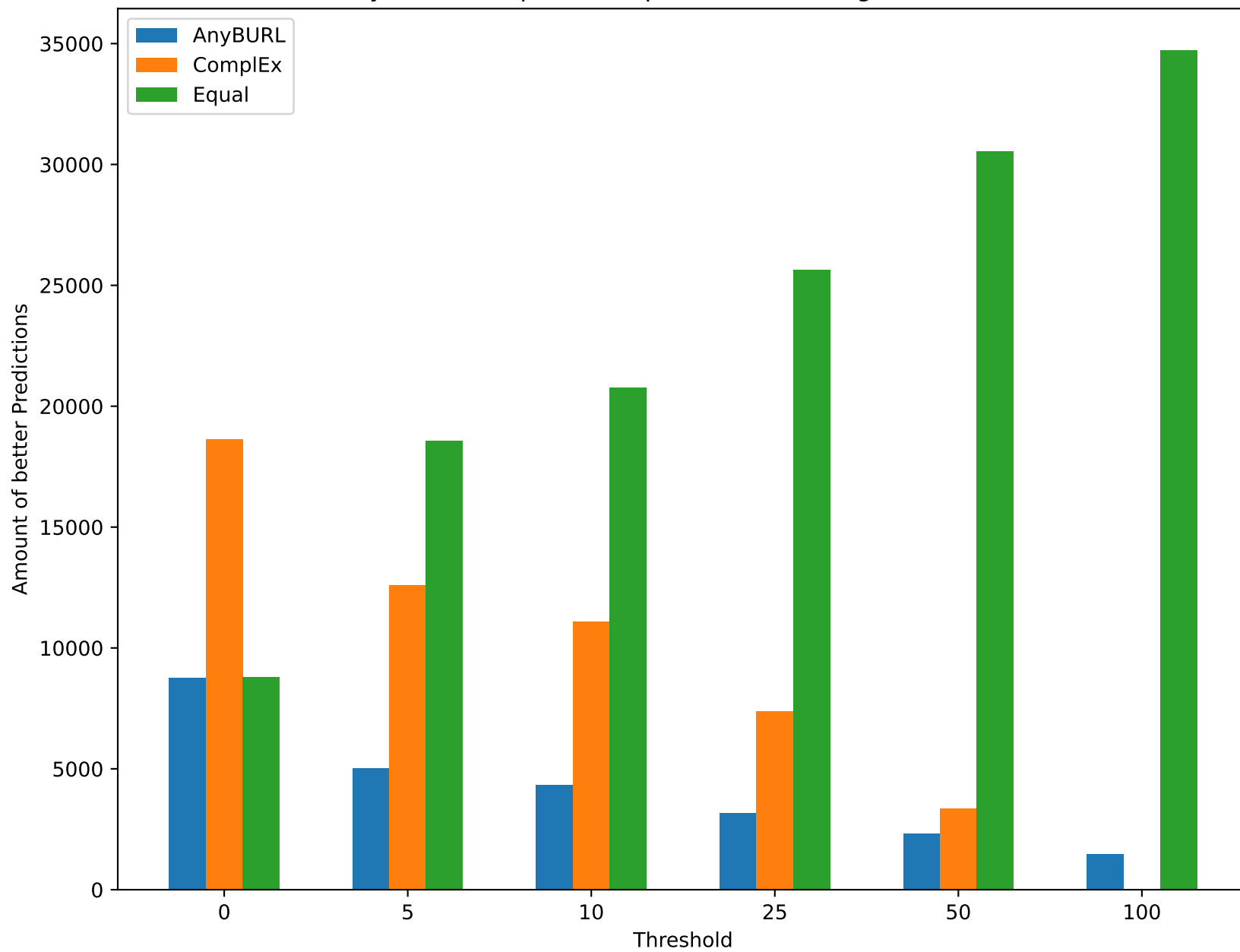
(fb15k-237, AnyBURL, ComplEx) Comparison of Rankings per Model



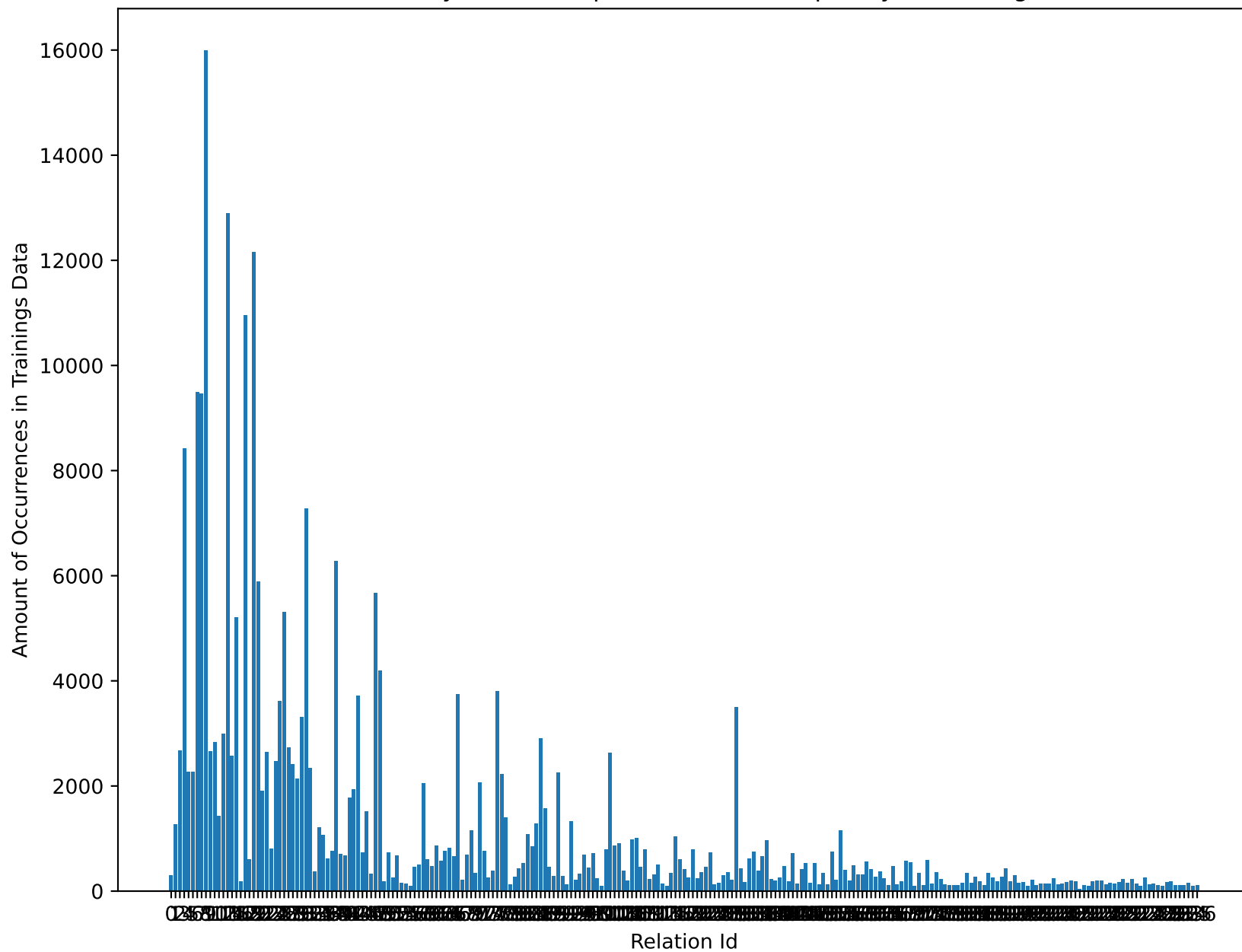
(fb15k-237, AnyBURL, ComplEx) Comparison of Rankings per Model



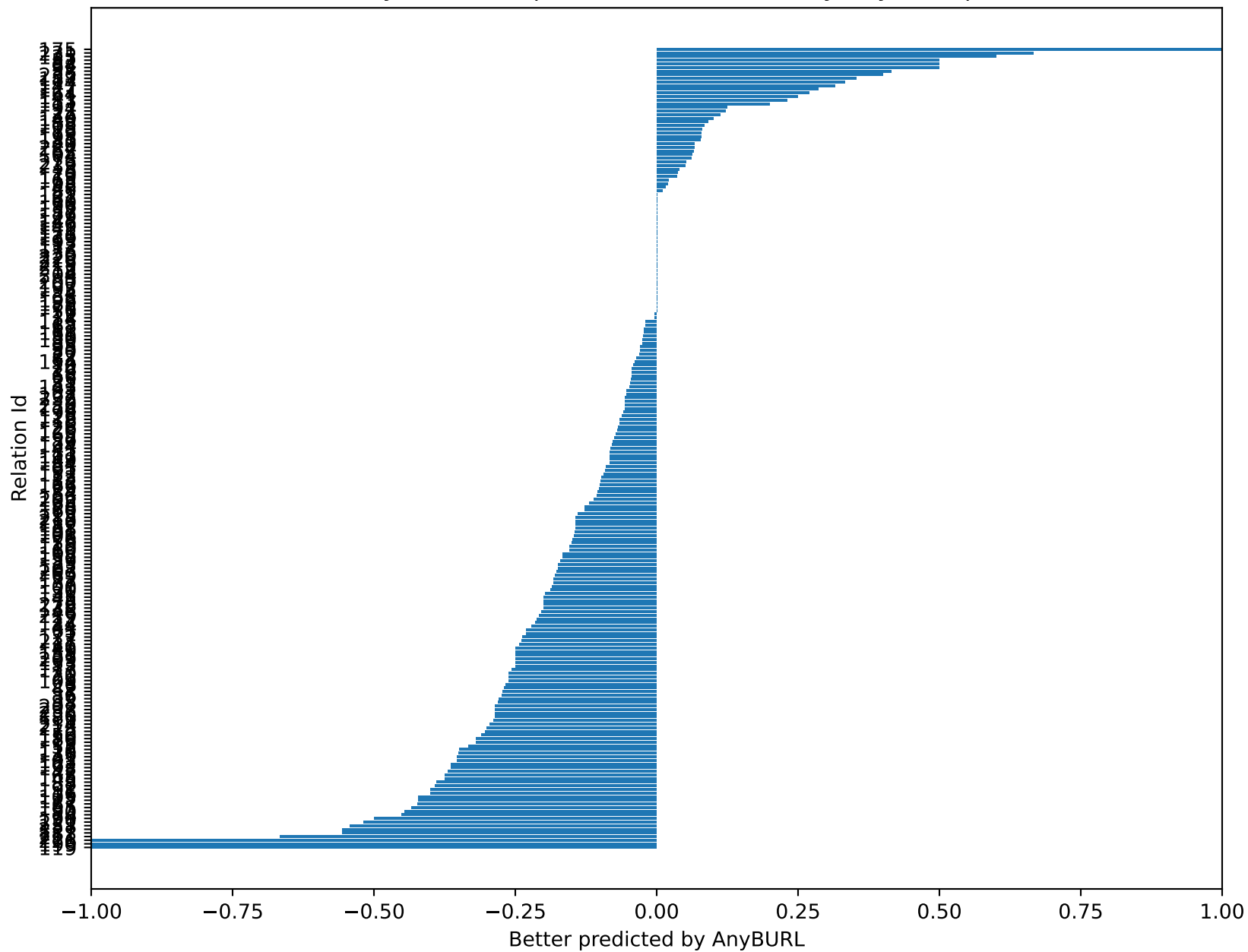
(fb15k-237, AnyBURL, ComplEx) Comparison of Rankings for different Thresholds



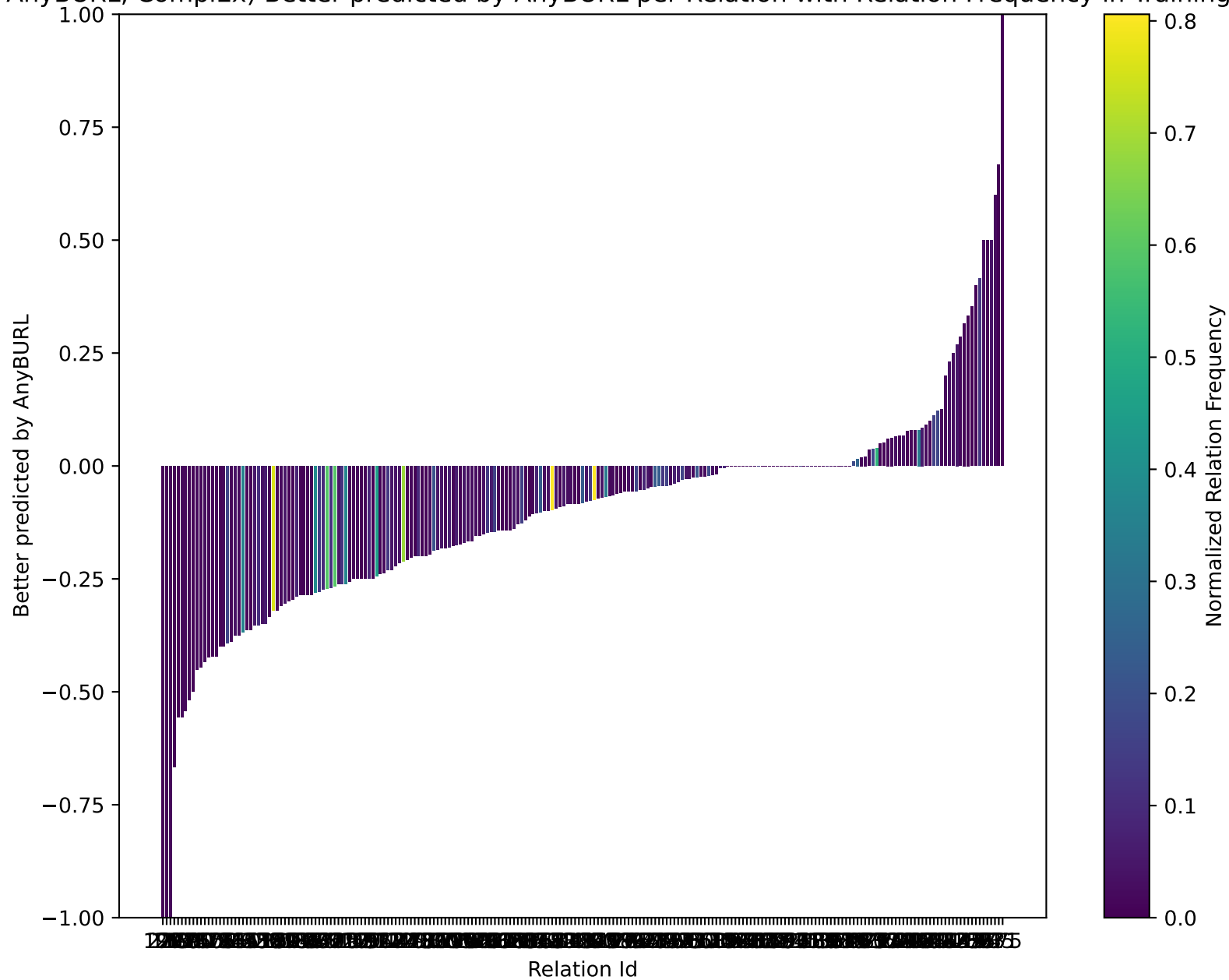
(fb15k-237, AnyBURL, ComplEx) Relation Frequency in Trainings Data



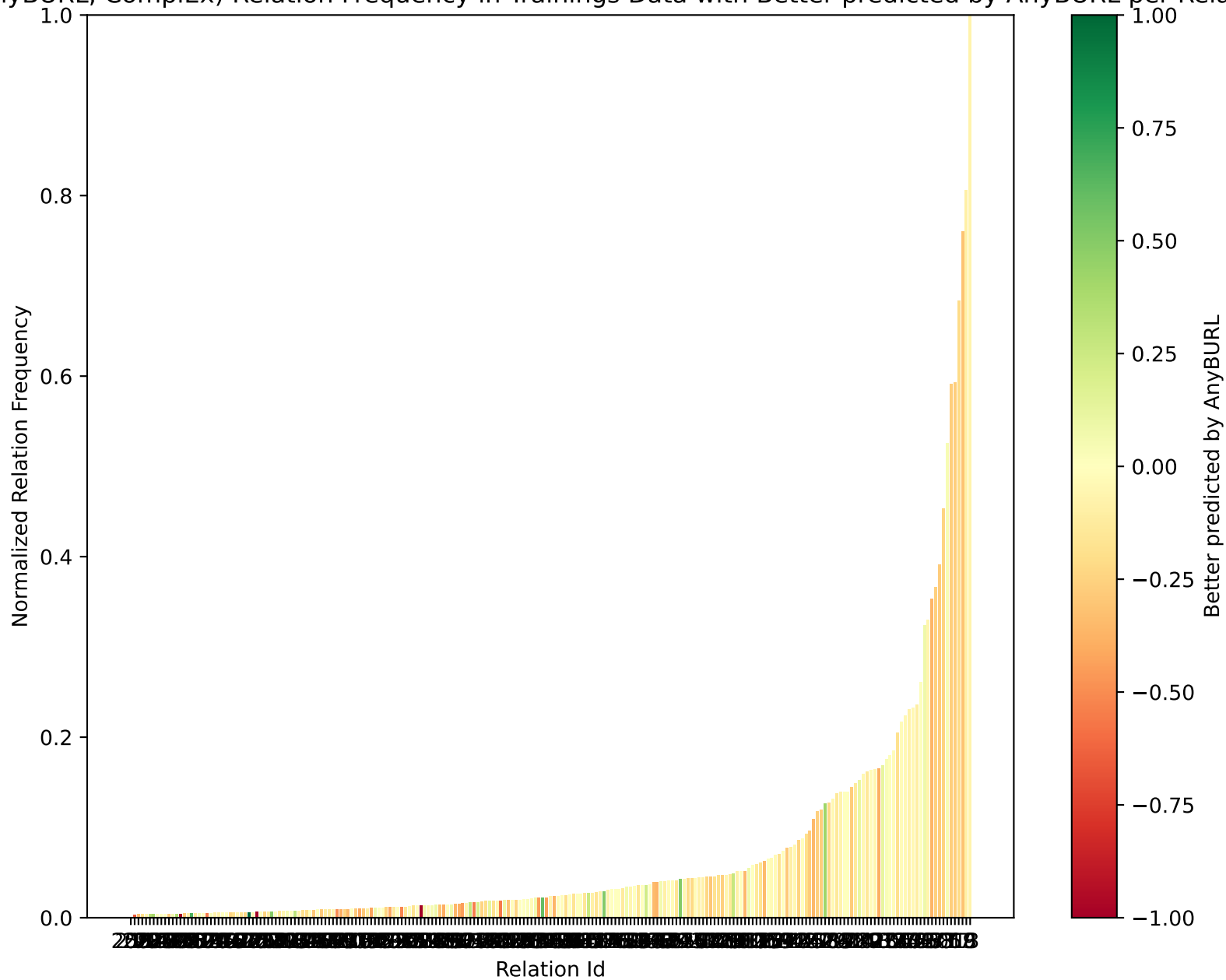
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Relation



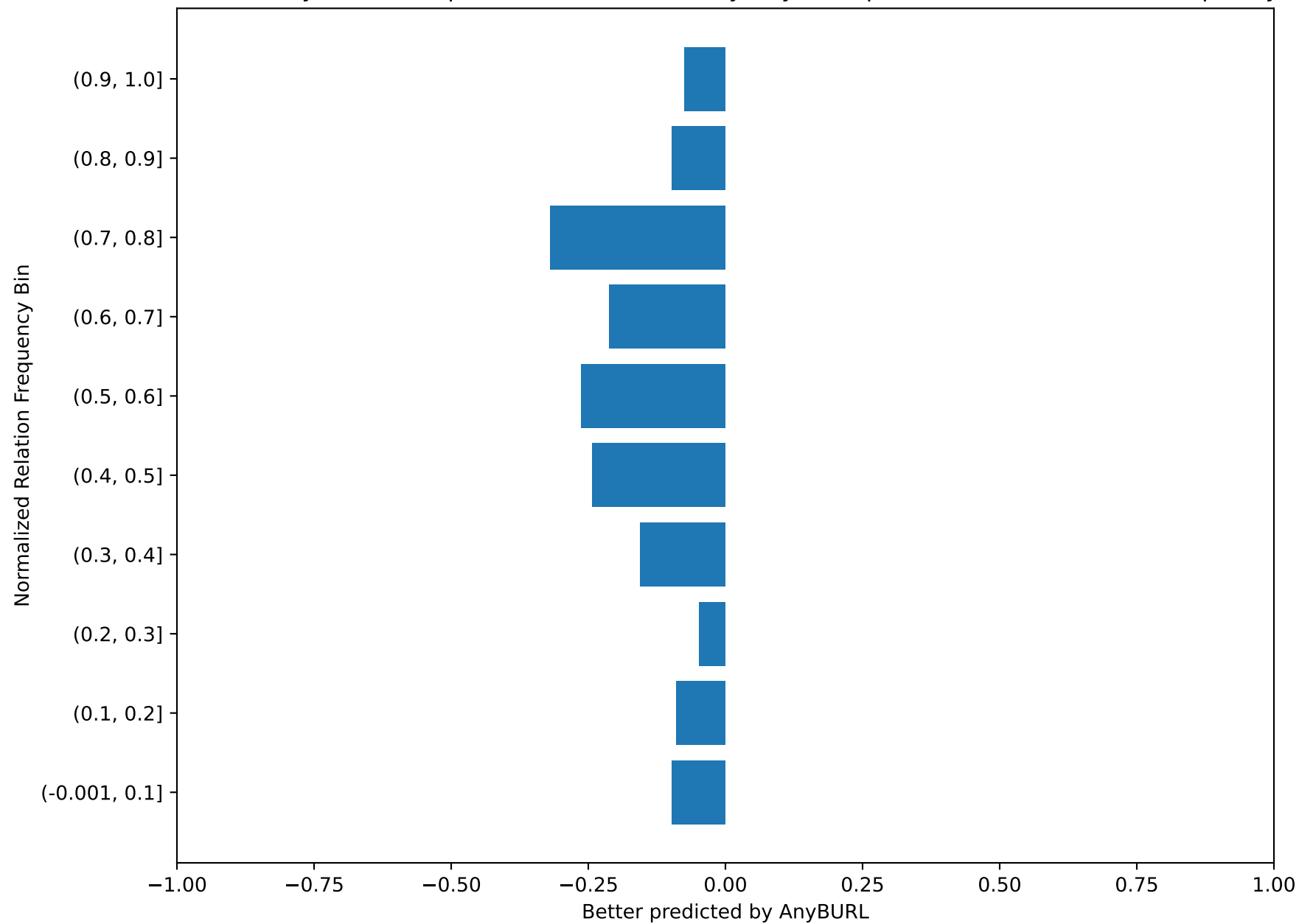
-237, AnyBURL, Complex) Better predicted by AnyBURL per Relation with Relation Frequency in Trainings Data



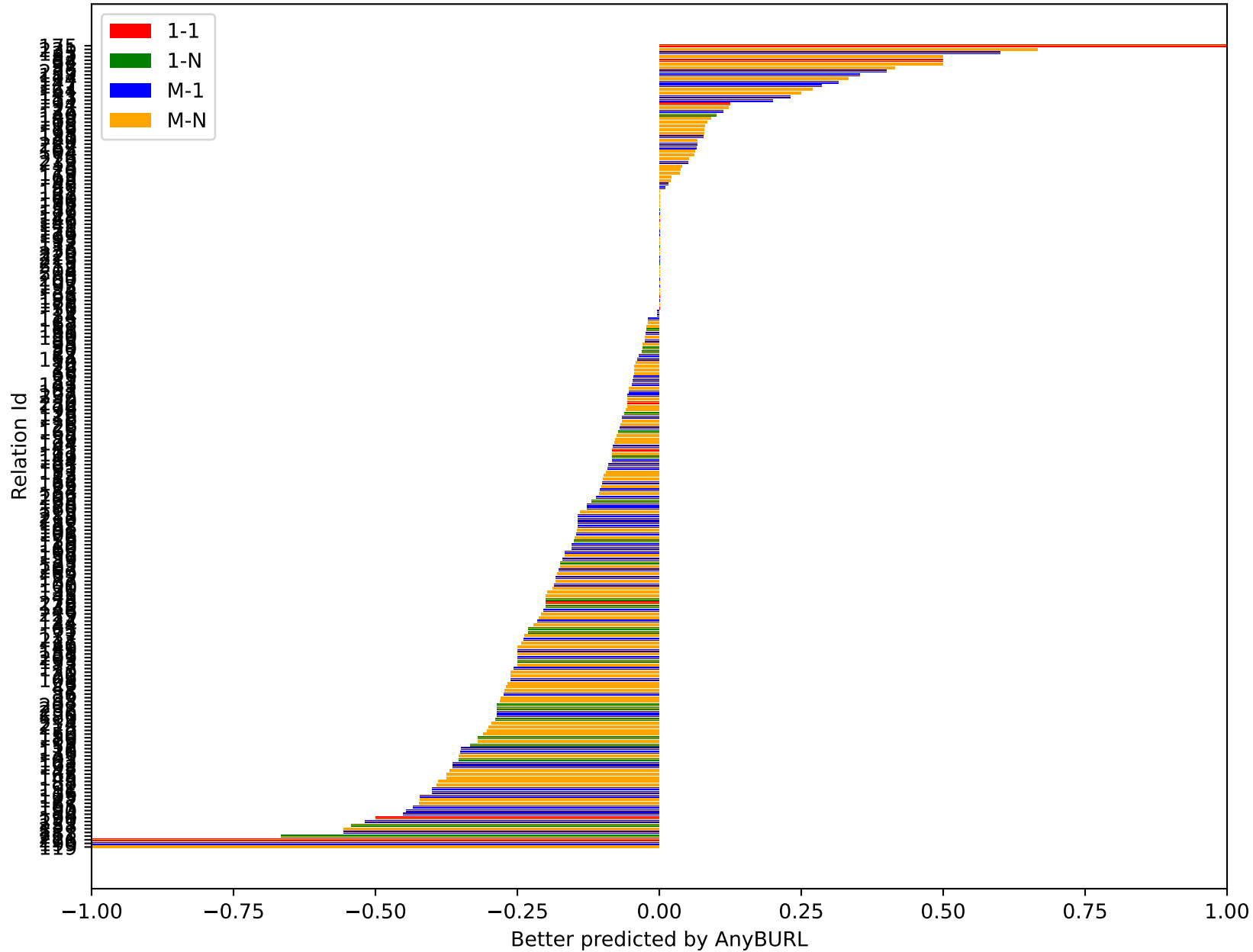
-237, AnyBURL, ComplEx) Relation Frequency in Trainings Data with Better predicted by AnyBURL per Relation



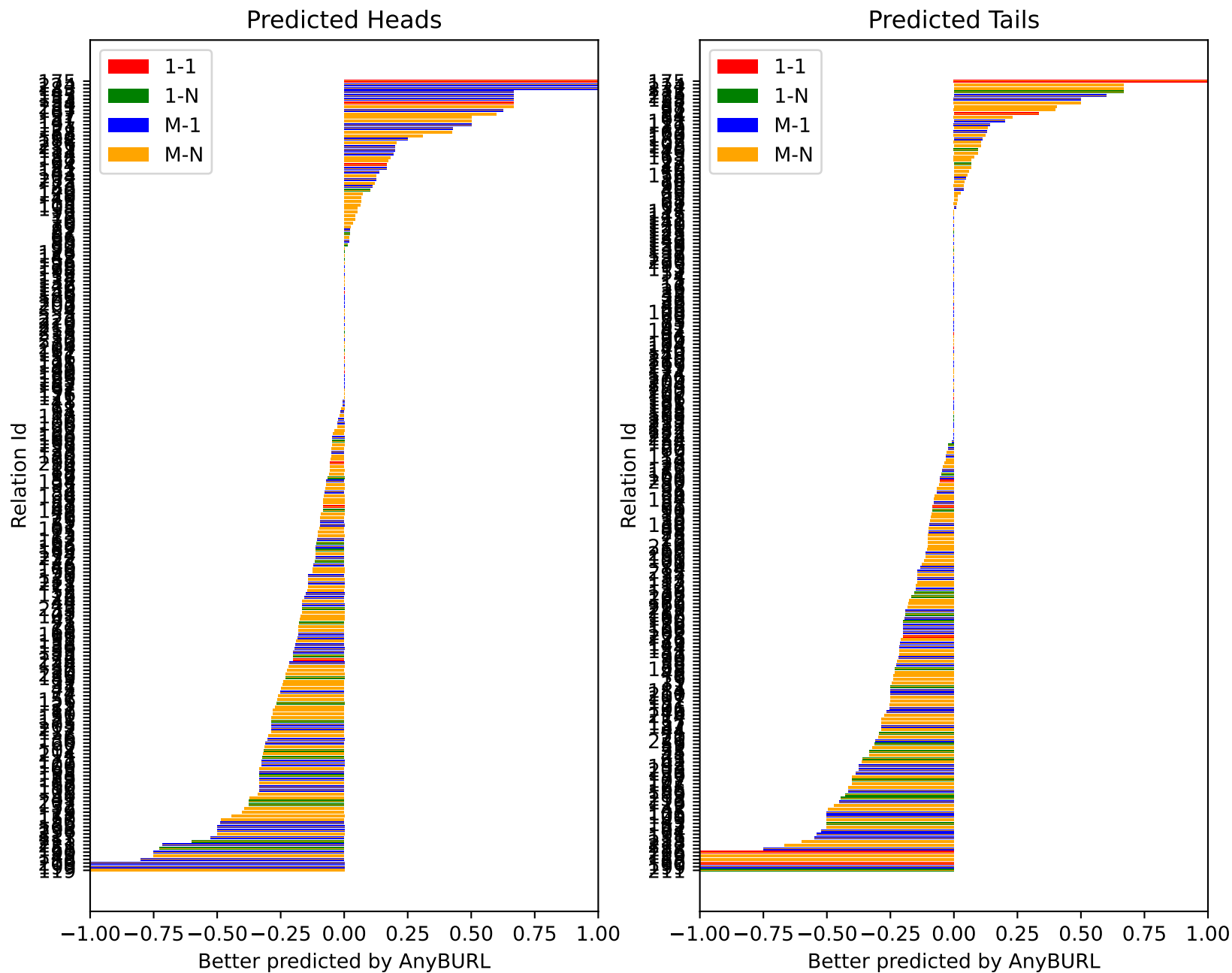
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Relation Frequency Bin



(fb15k-237, AnyBURL, ComplEx) Better predicted by AnyBURL per Relation with Relation Class



(fb15k-237, AnyBURL, ComplEx) Better predicted by AnyBURL per Relation with Relation Class



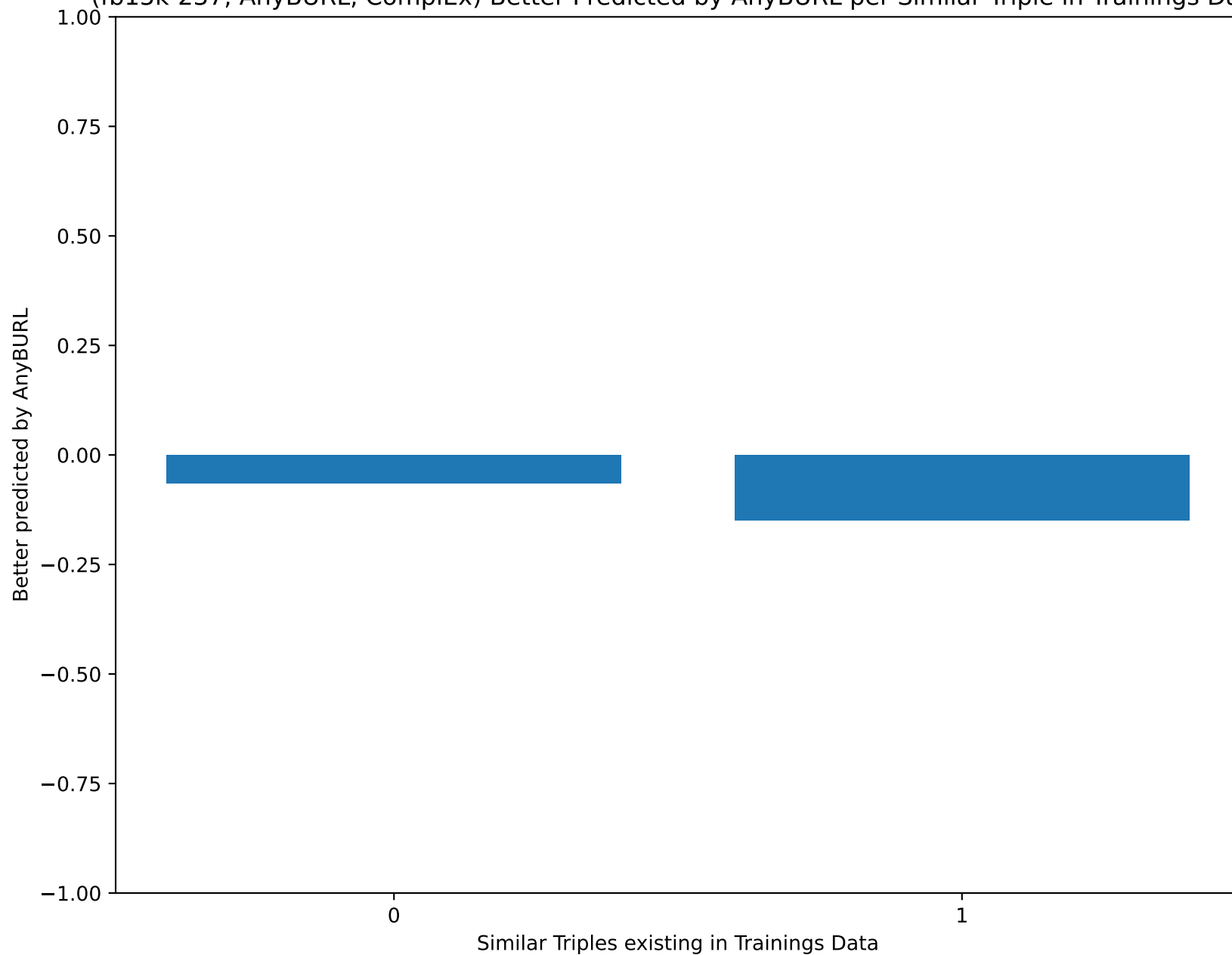
(fb15k-237, AnyBURL, ComplEx) Better predicted per Relation Class in %

	AnyBURL	ComplEx	Equal
1-1	5.660%	5.660%	88.679%
1-N	13.054%	27.192%	59.754%
M-1	8.644%	16.146%	75.210%
M-N	9.565%	24.994%	65.440%

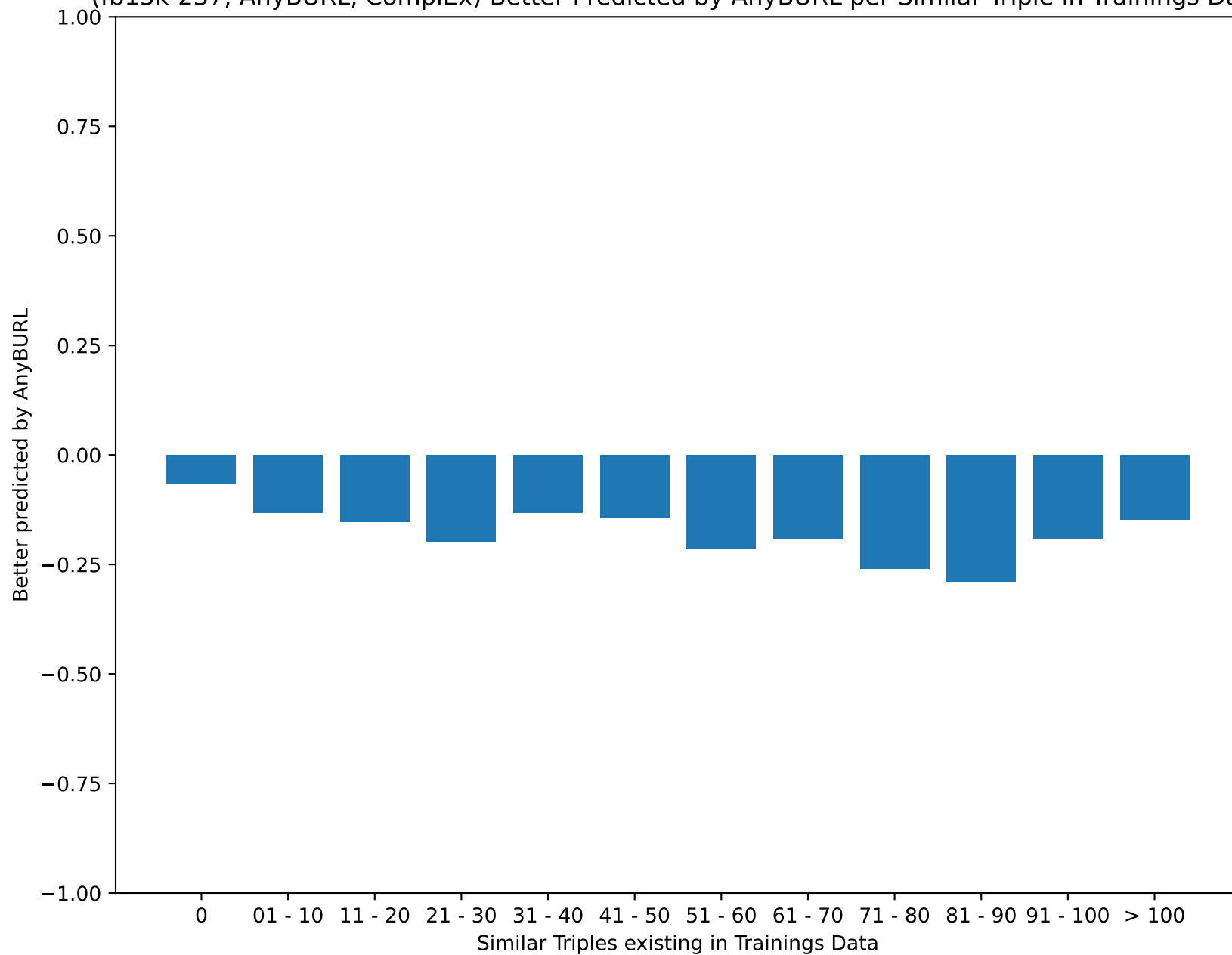
(fb15k-237, AnyBURL, ComplEx) Better predicted per Relation Class in % (cleaned)

	AnyBURL	ComplEx	Equal
1-1	5.660%	5.660%	88.679%
1-N	12.447%	22.303%	65.249%
M-1	7.041%	15.097%	77.862%
M-N	9.565%	24.994%	65.440%

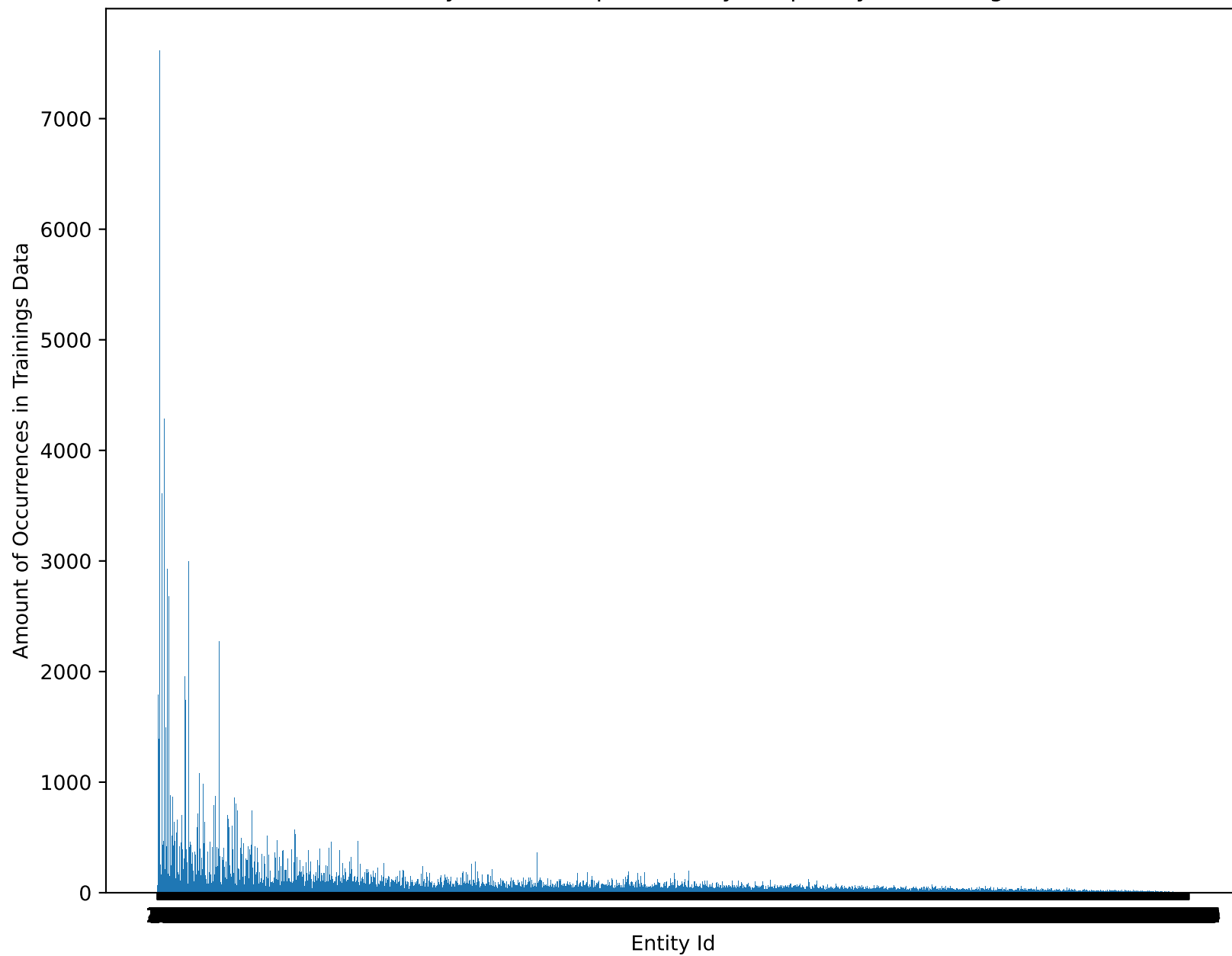
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Similar Triple in Trainings Data



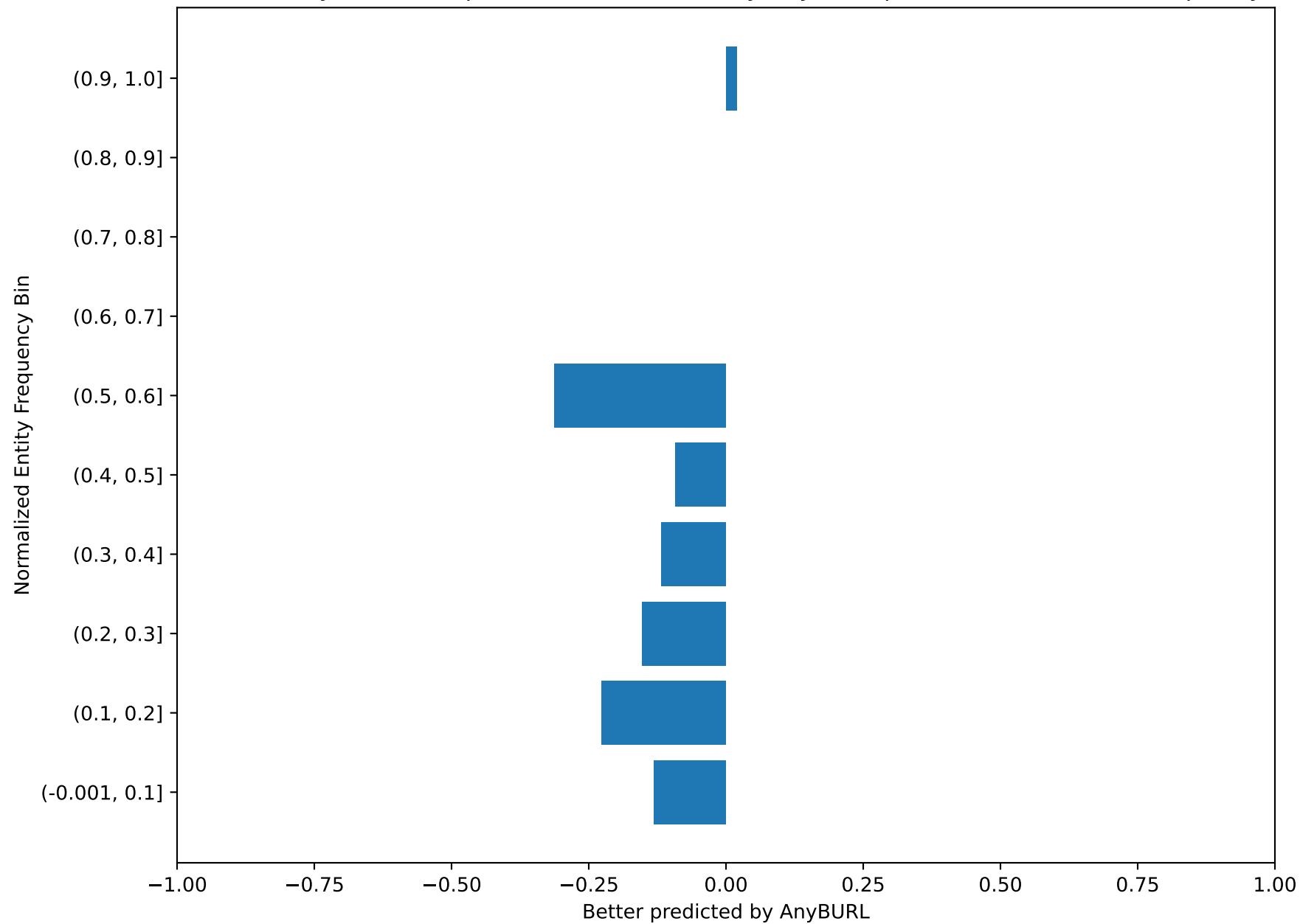
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Similar Triple in Trainings Data



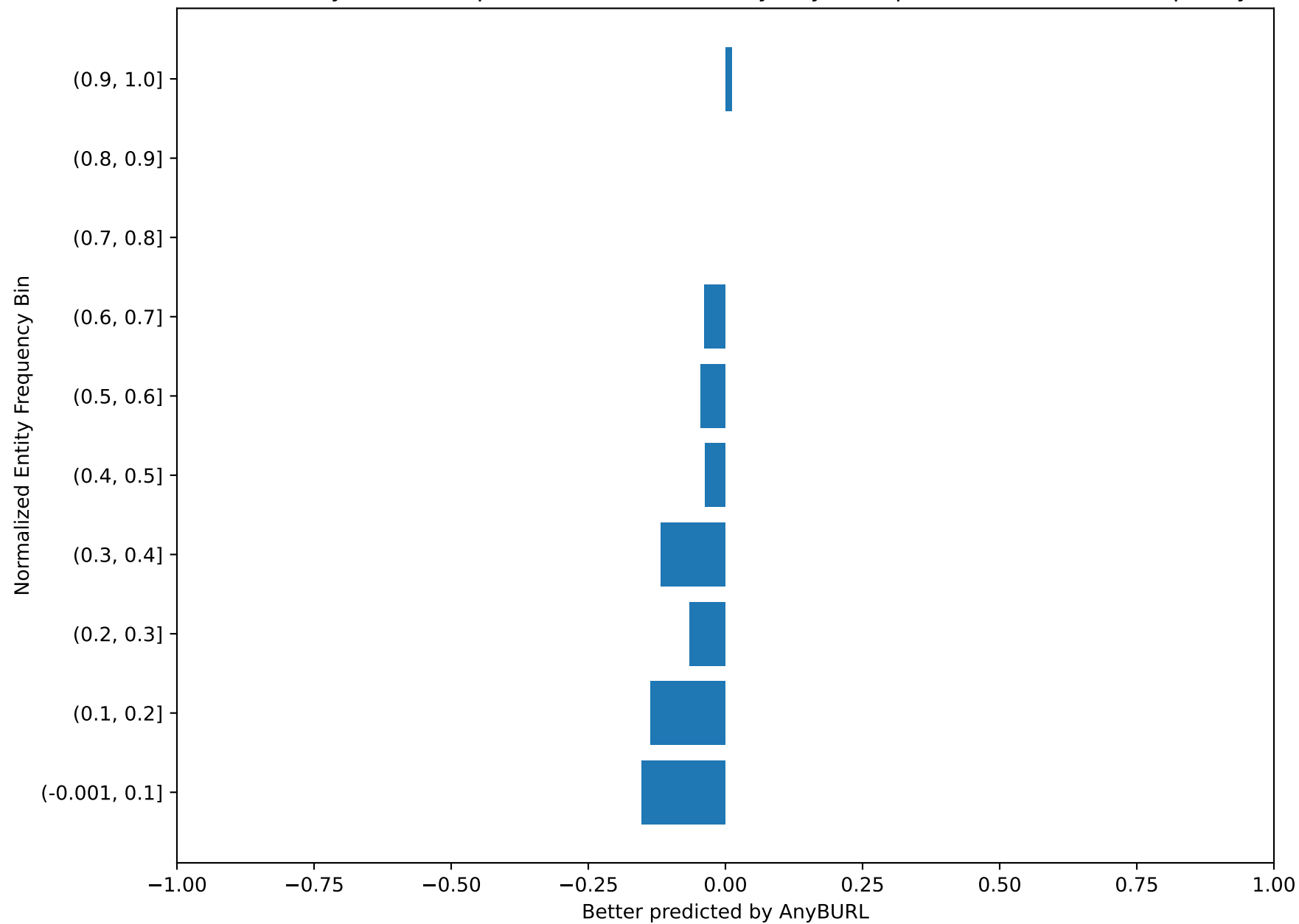
(fb15k-237, AnyBURL, ComplEx) Entity Frequency in Trainings Data



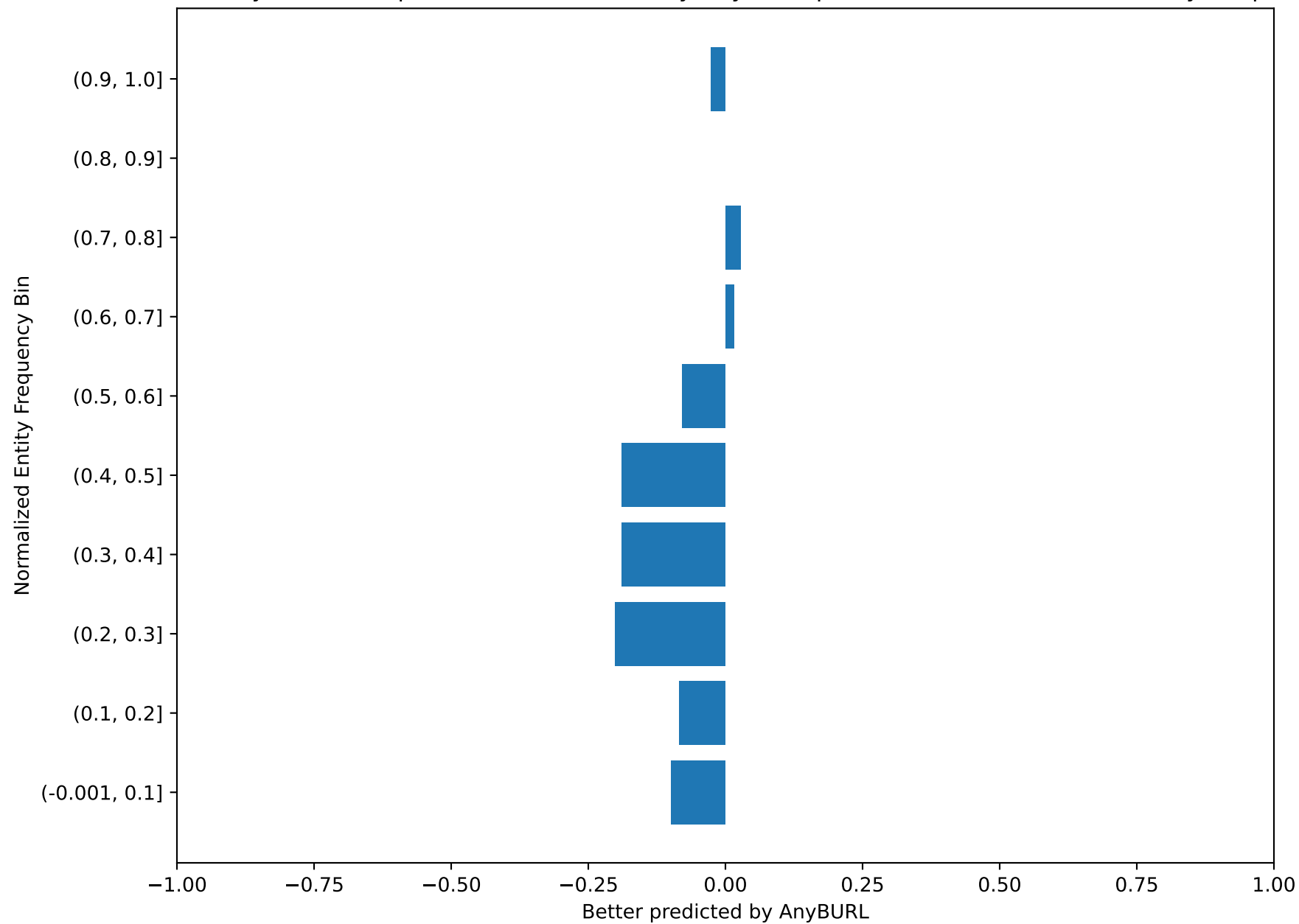
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Head Frequency Bin



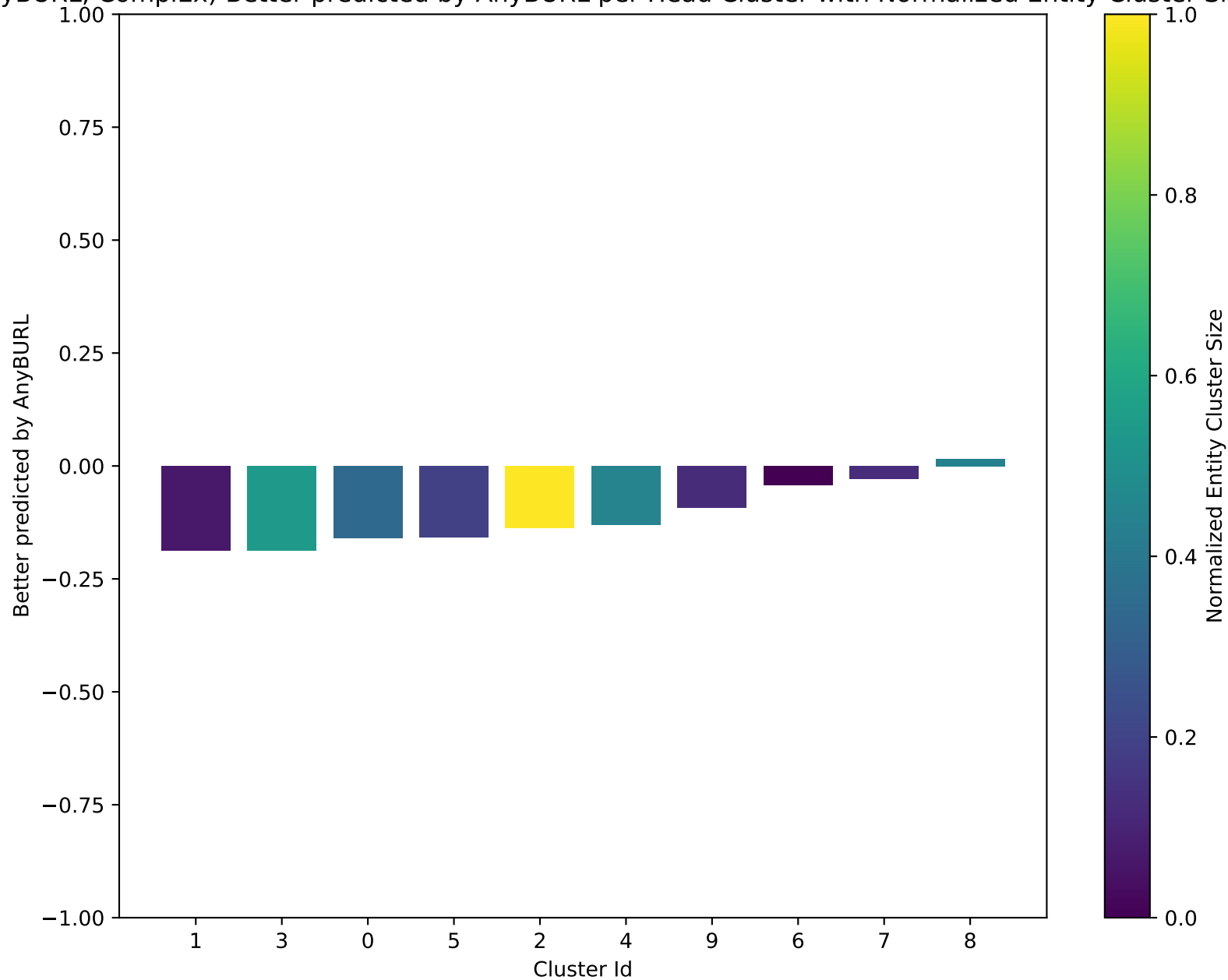
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Tail Frequency Bin



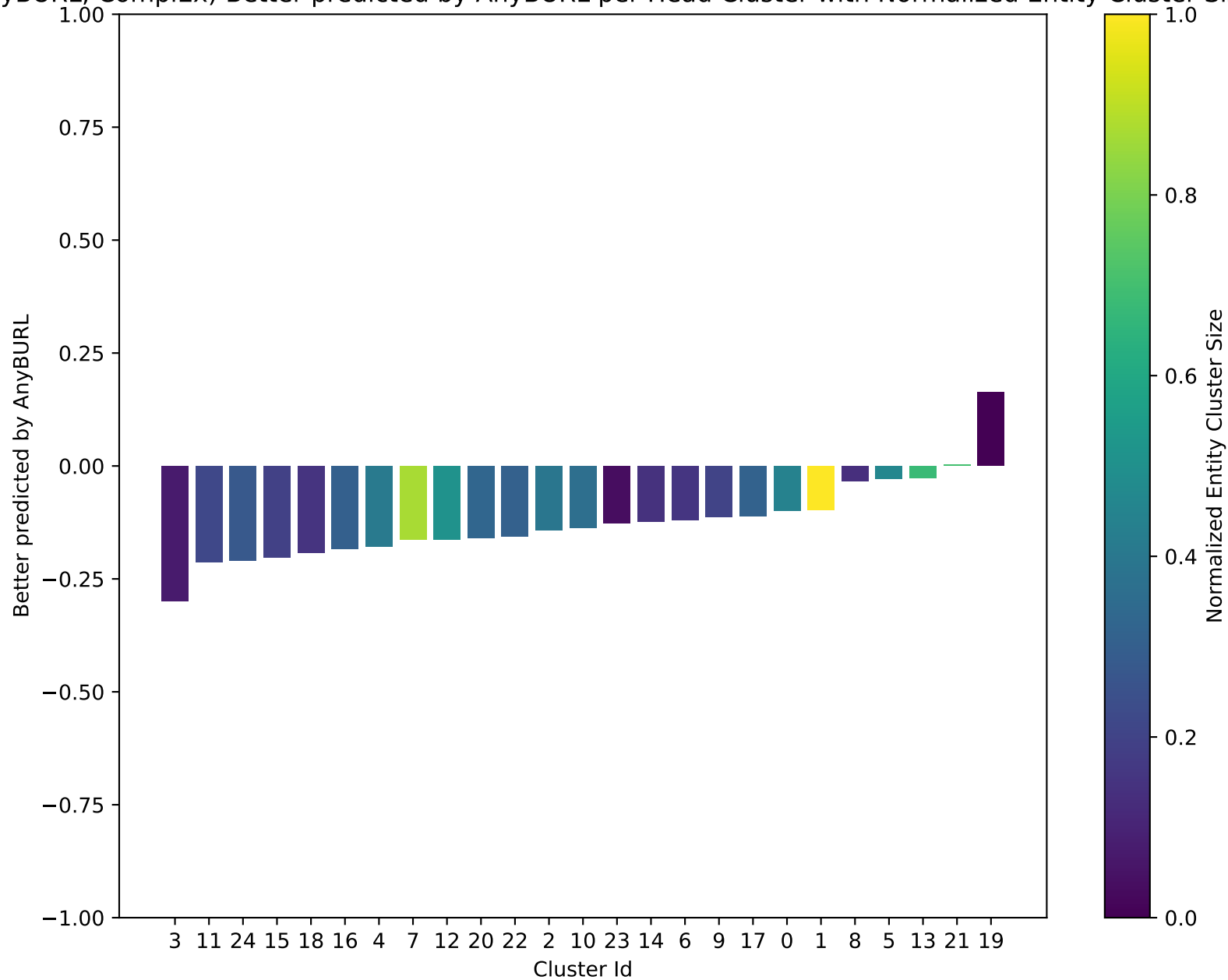
(fb15k-237, AnyBURL, ComplEx) Better Predicted by AnyBURL per Combined Normalized Entity Frequency Bin



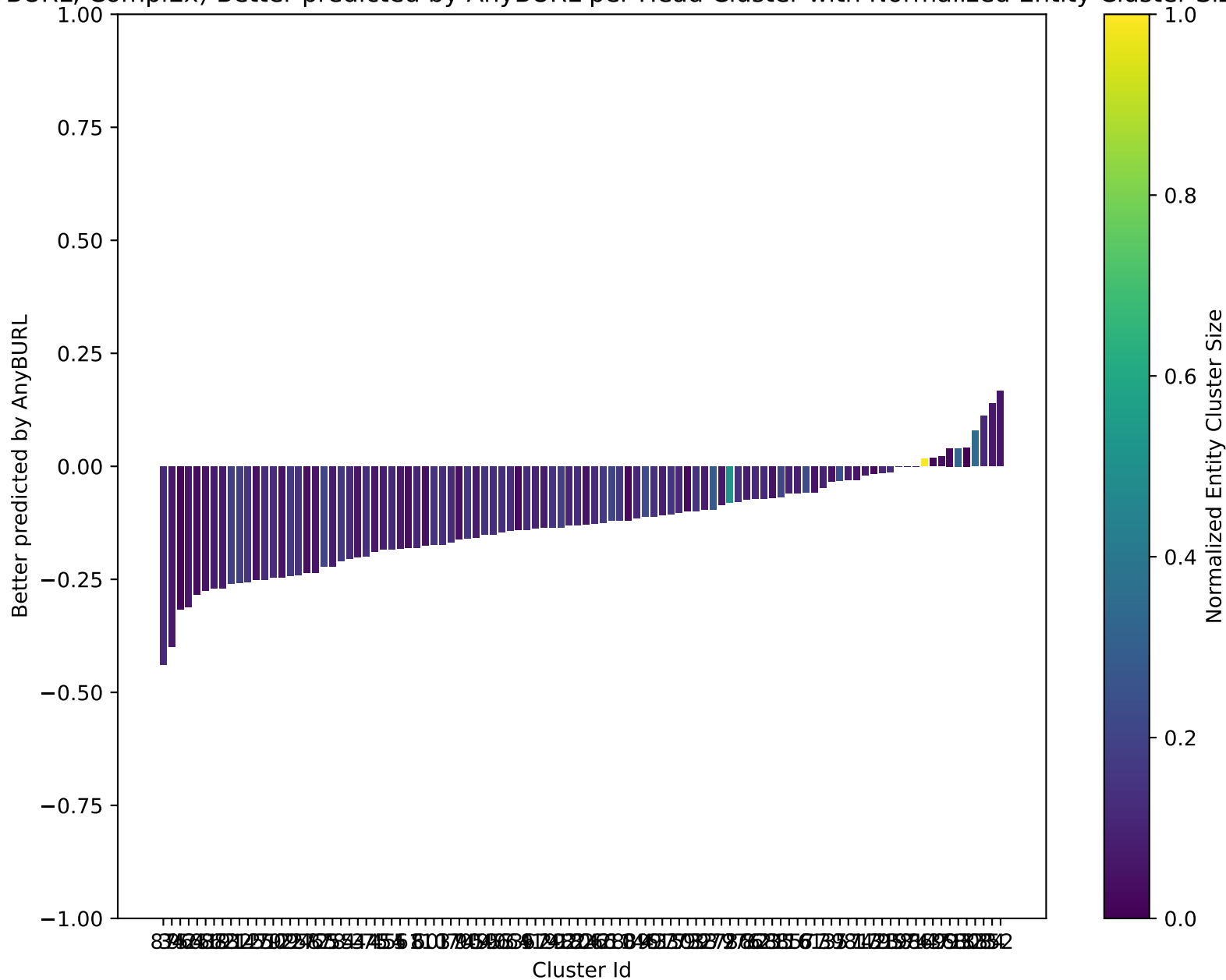
7, AnyBURL, ComplEx) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



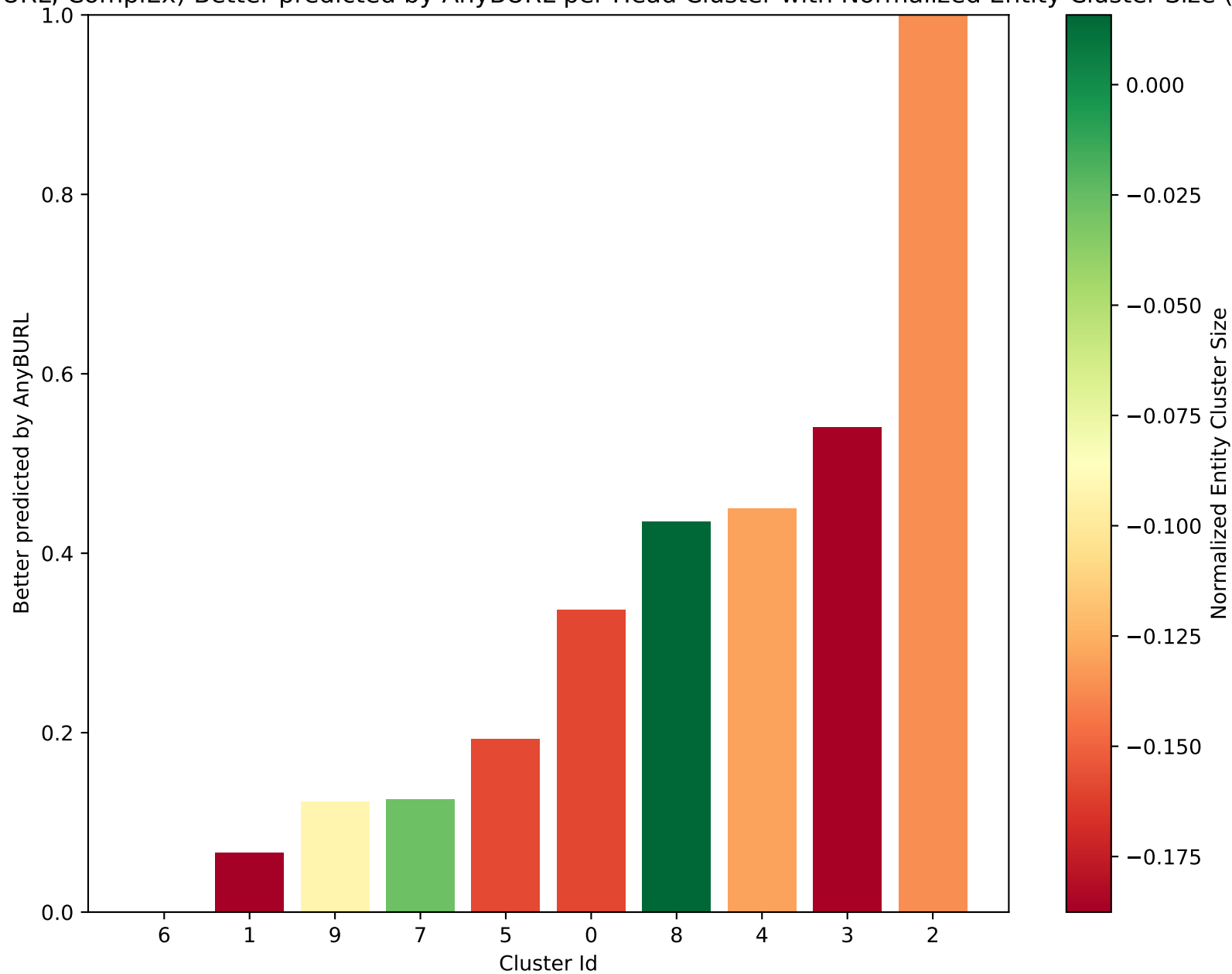
7, AnyBURL, ComplEx) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=25)



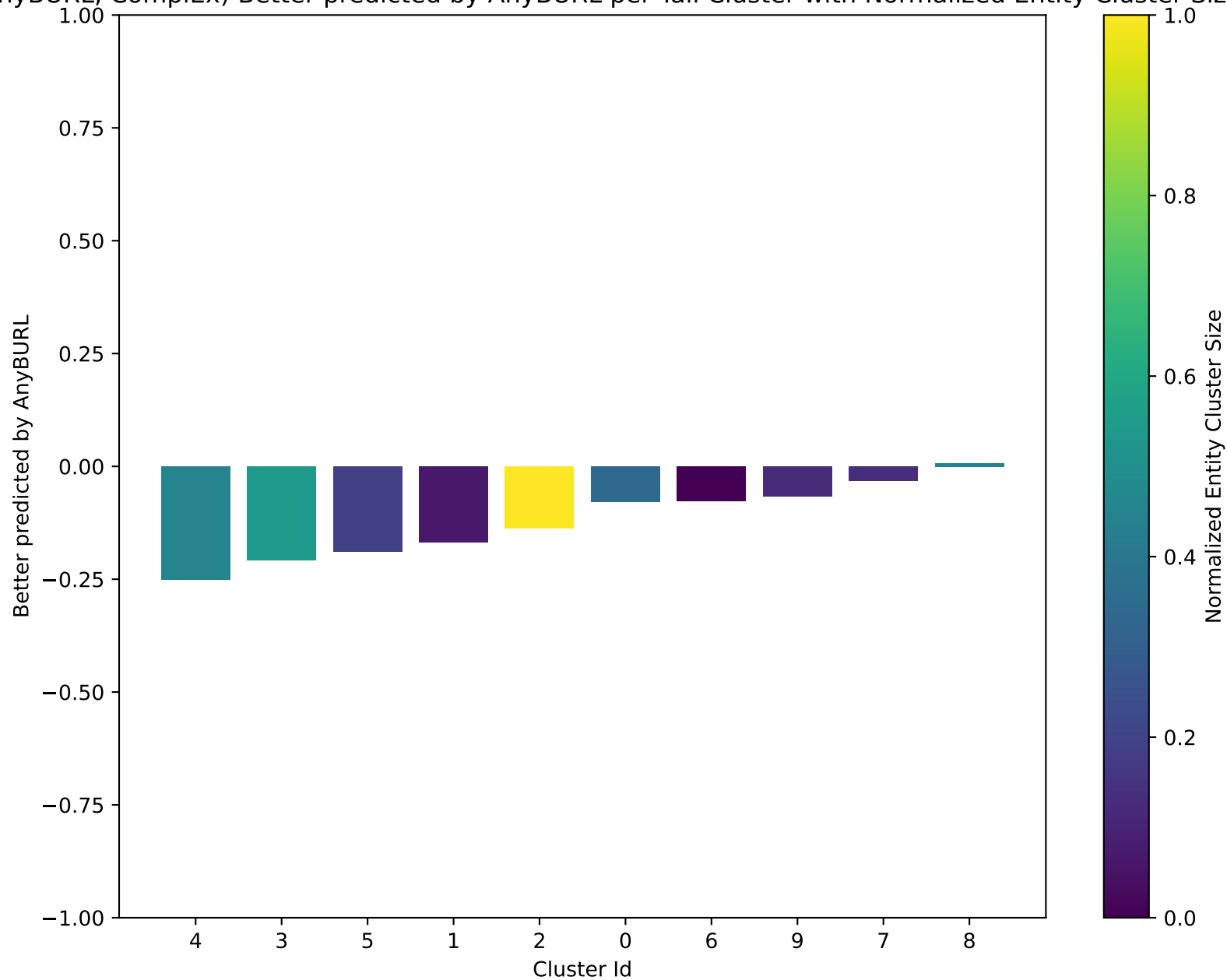
7, AnyBURL, Complex) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=100)



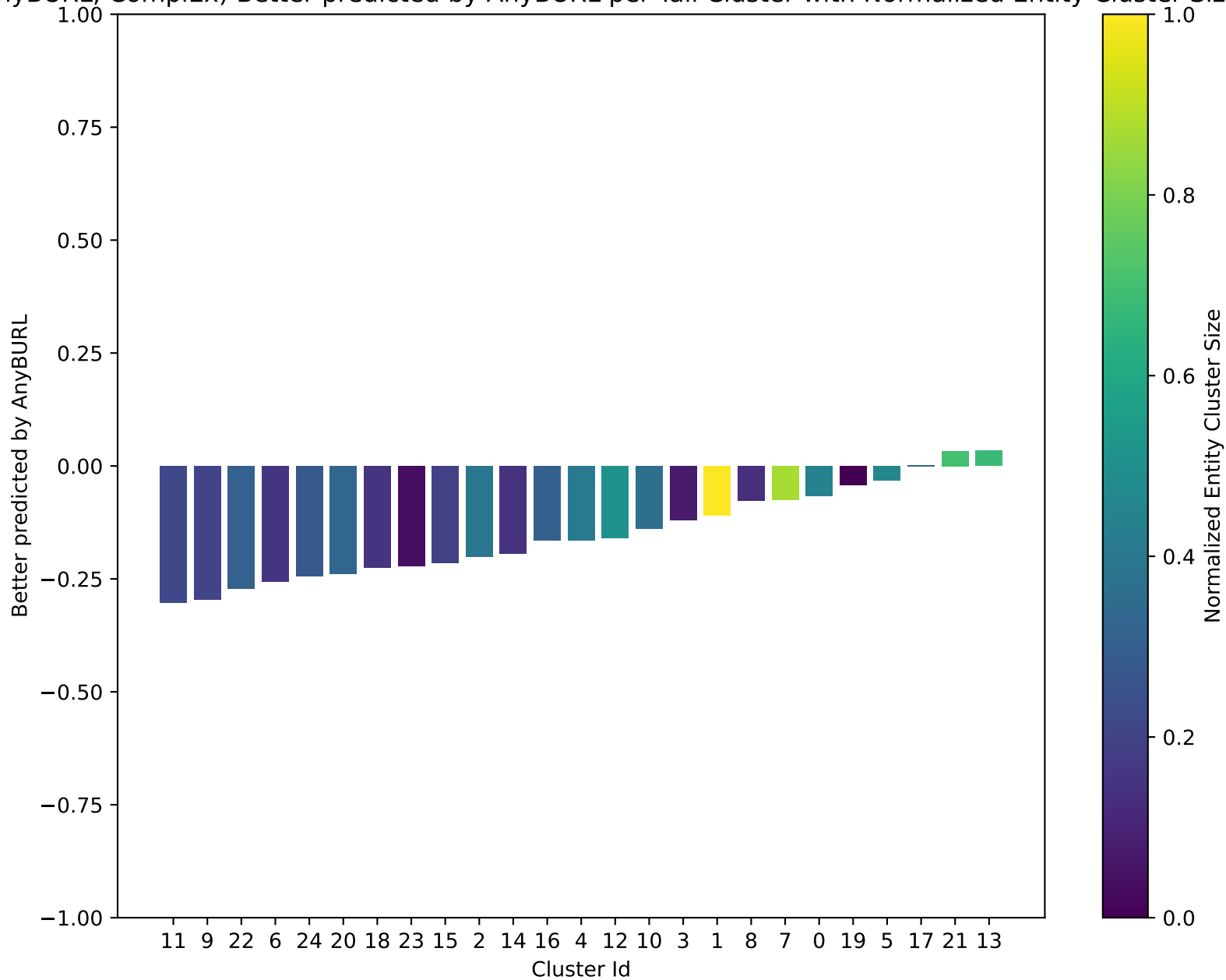
7, AnyBURL, ComplEx) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



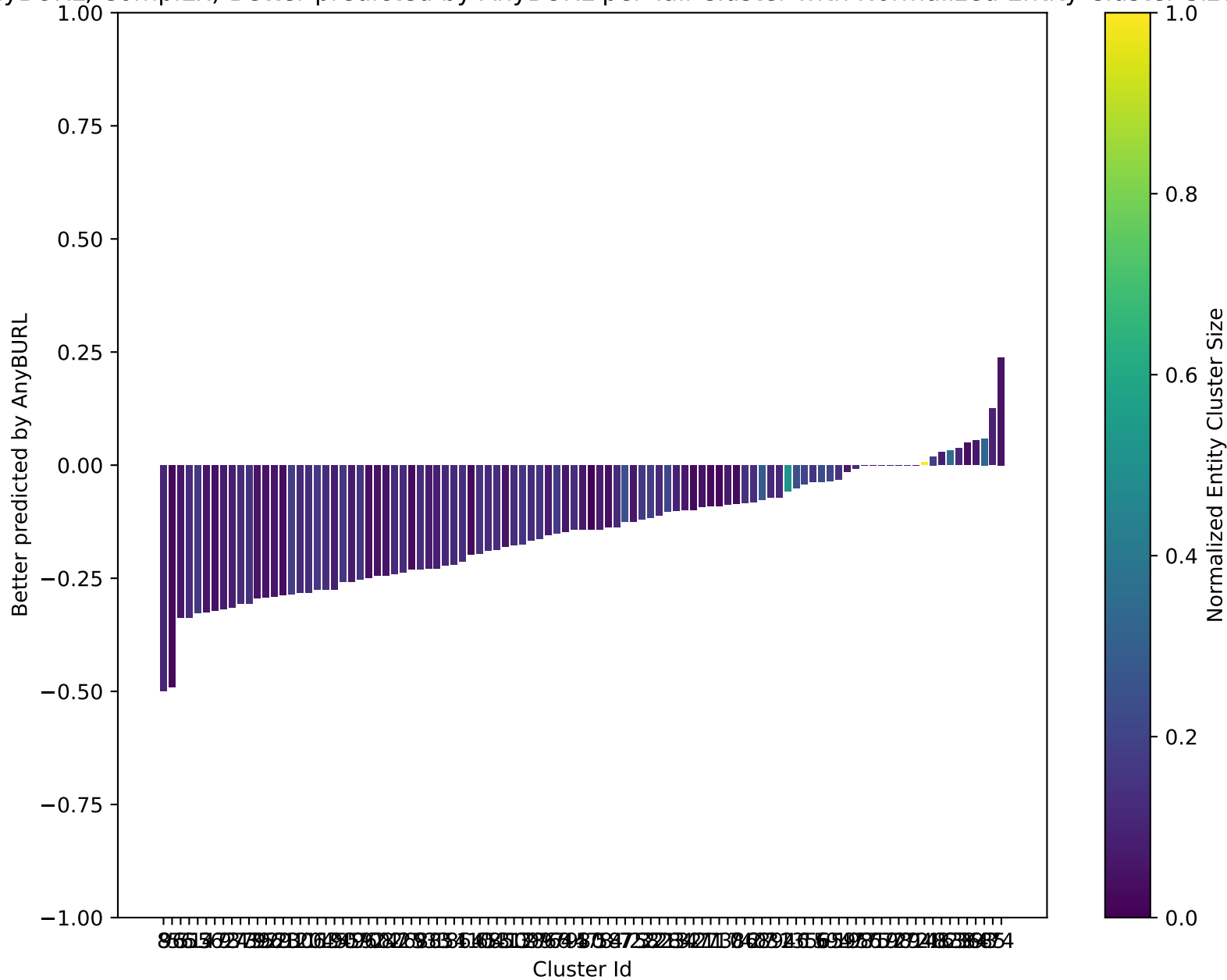
37, AnyBURL, ComplEx) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)



37, AnyBURL, ComplEx) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=25)



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



37, AnyBURL, ComplEx) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)

