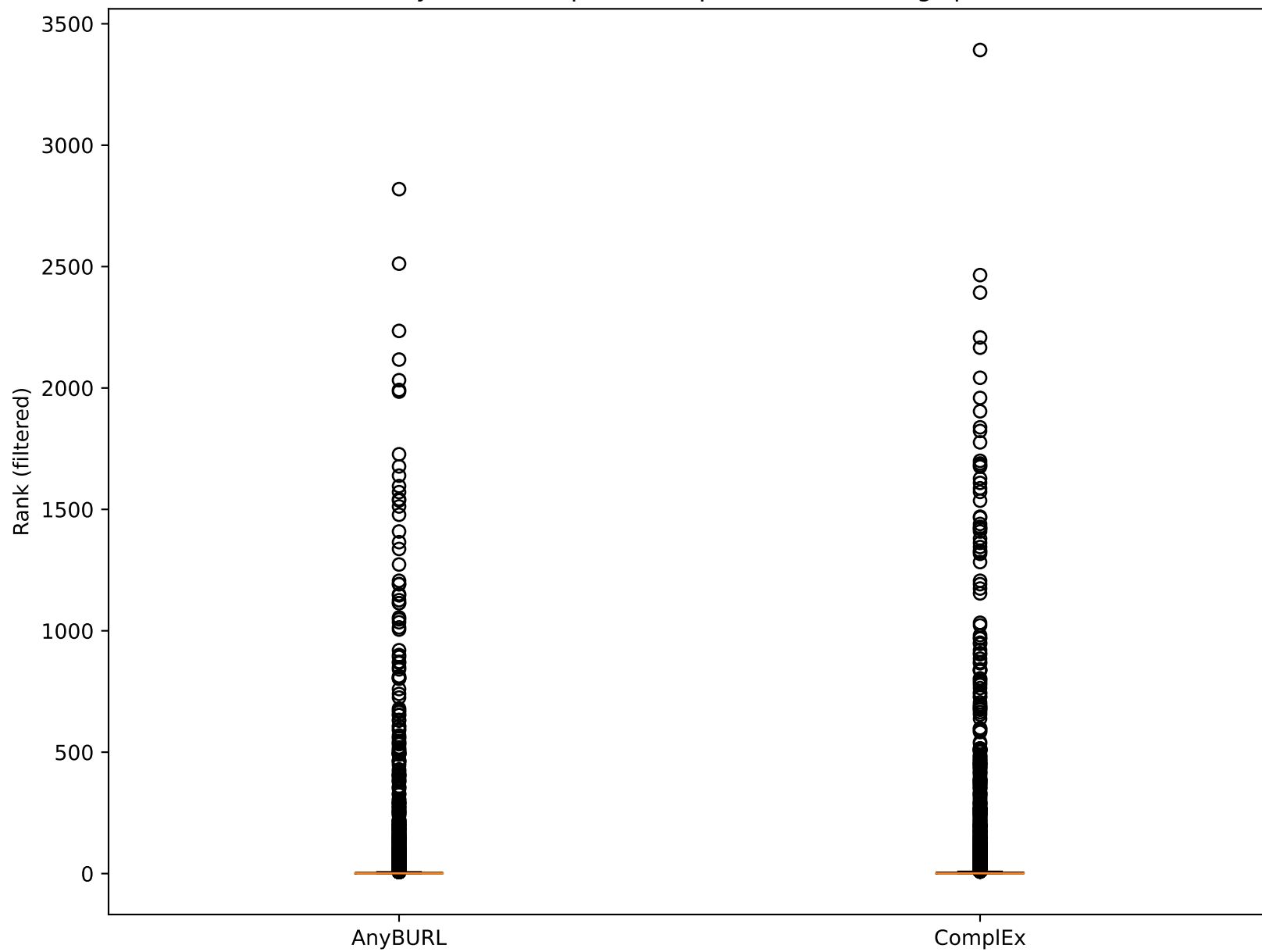


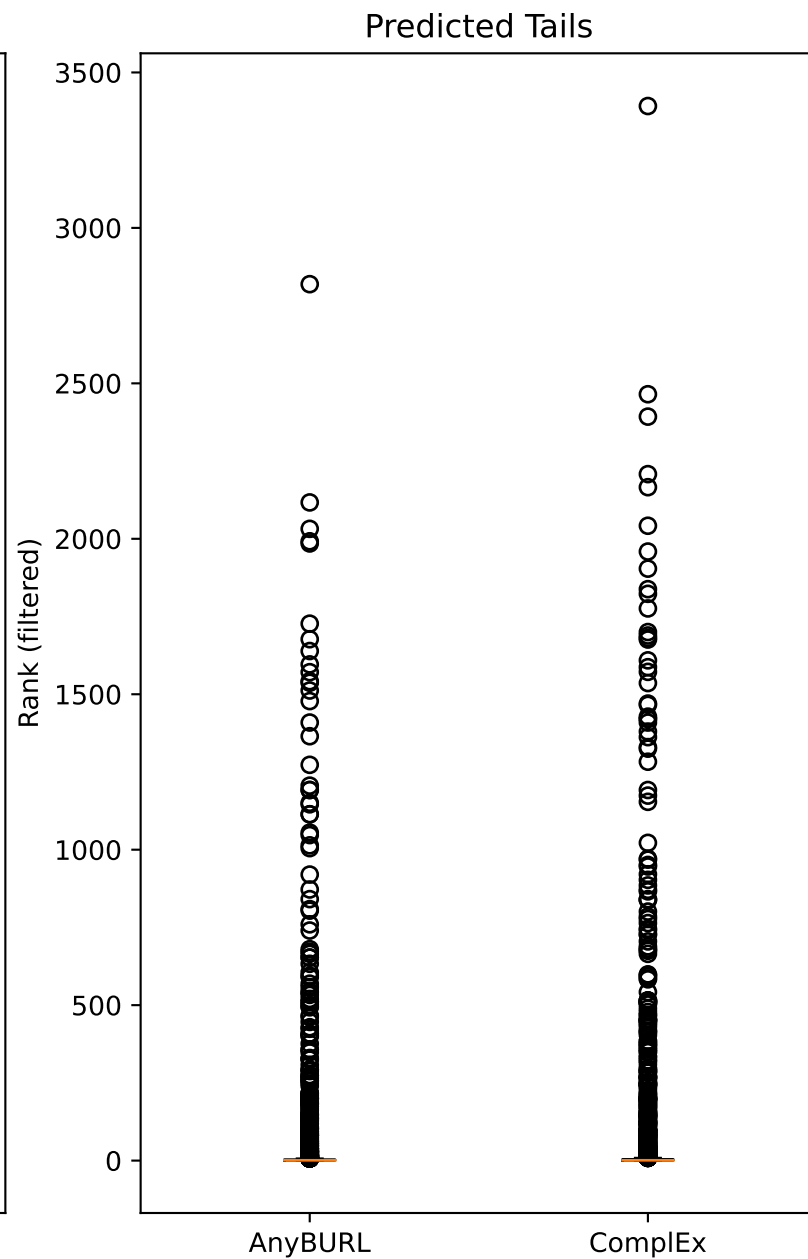
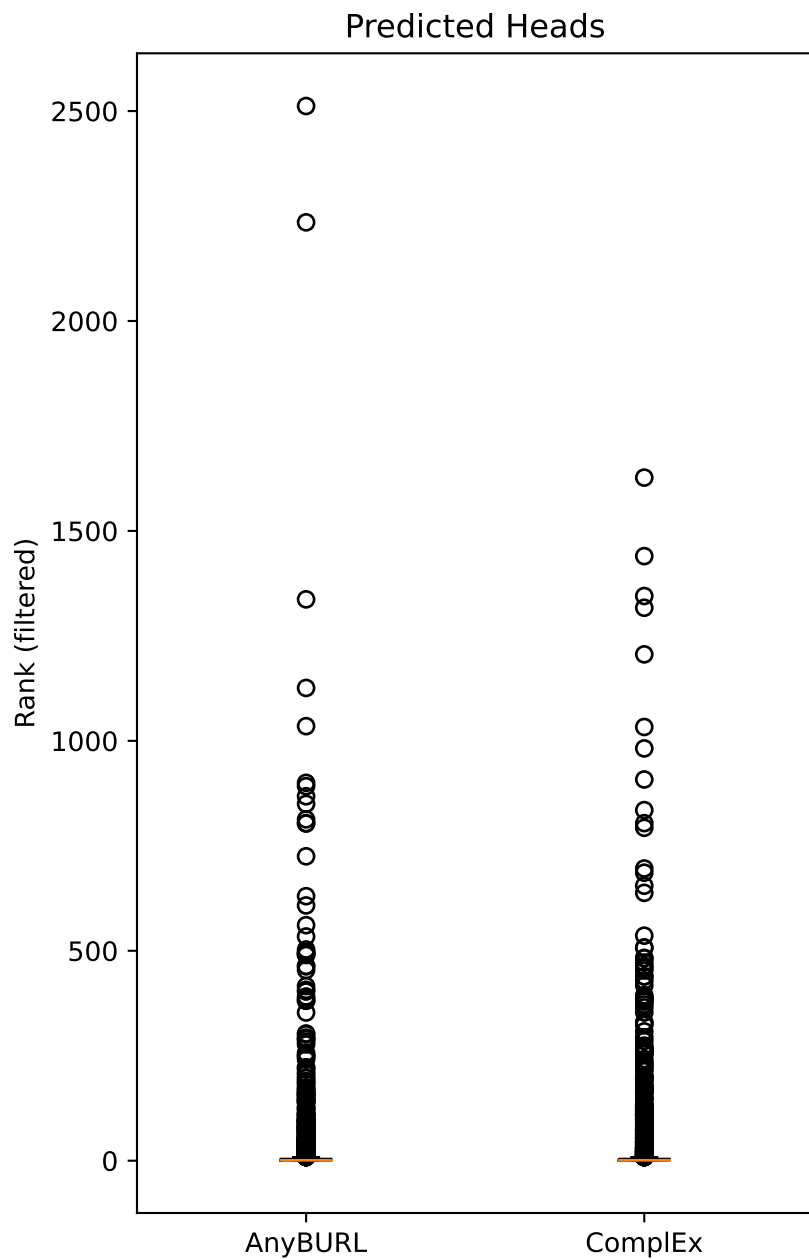
(wnrr, AnyBURL, ComplEx) Metrics

	MRR	Hits@1	Hits@10	Hits@100
AnyBURL	0.732	0.686	0.829	0.942
ComplEx Combined	0.713	0.662	0.811	0.925
ComplEx 1	0.735	0.685	0.835	0.944
ComplEx 2	0.739	0.688	0.837	0.943
ComplEx 3	0.736	0.687	0.833	0.940
ComplEx 4	0.732	0.682	0.833	0.936
ComplEx 5	0.734	0.682	0.836	0.941

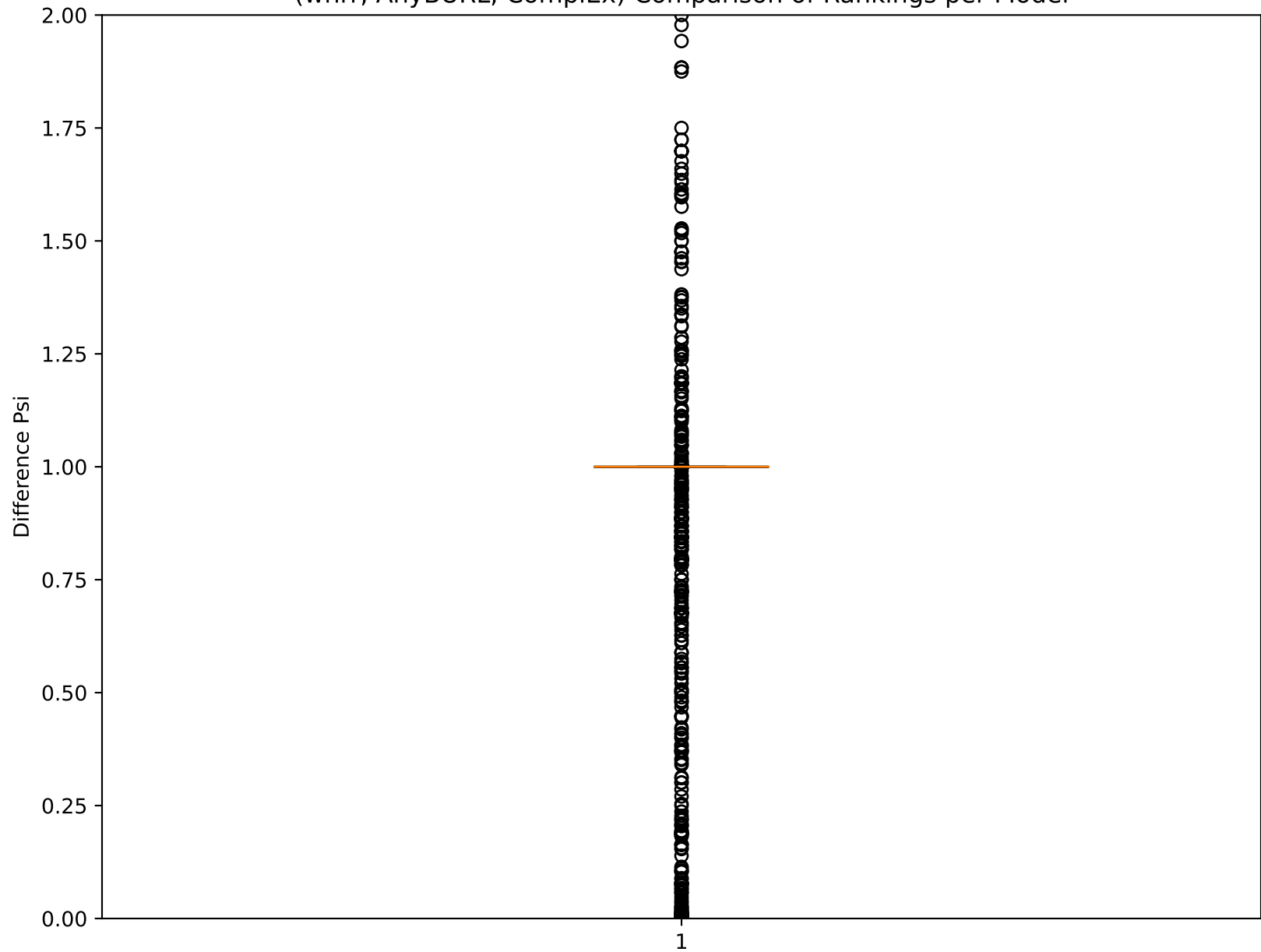
(wnrr, AnyBURL, ComplEx) Comparison of Rankings per Model



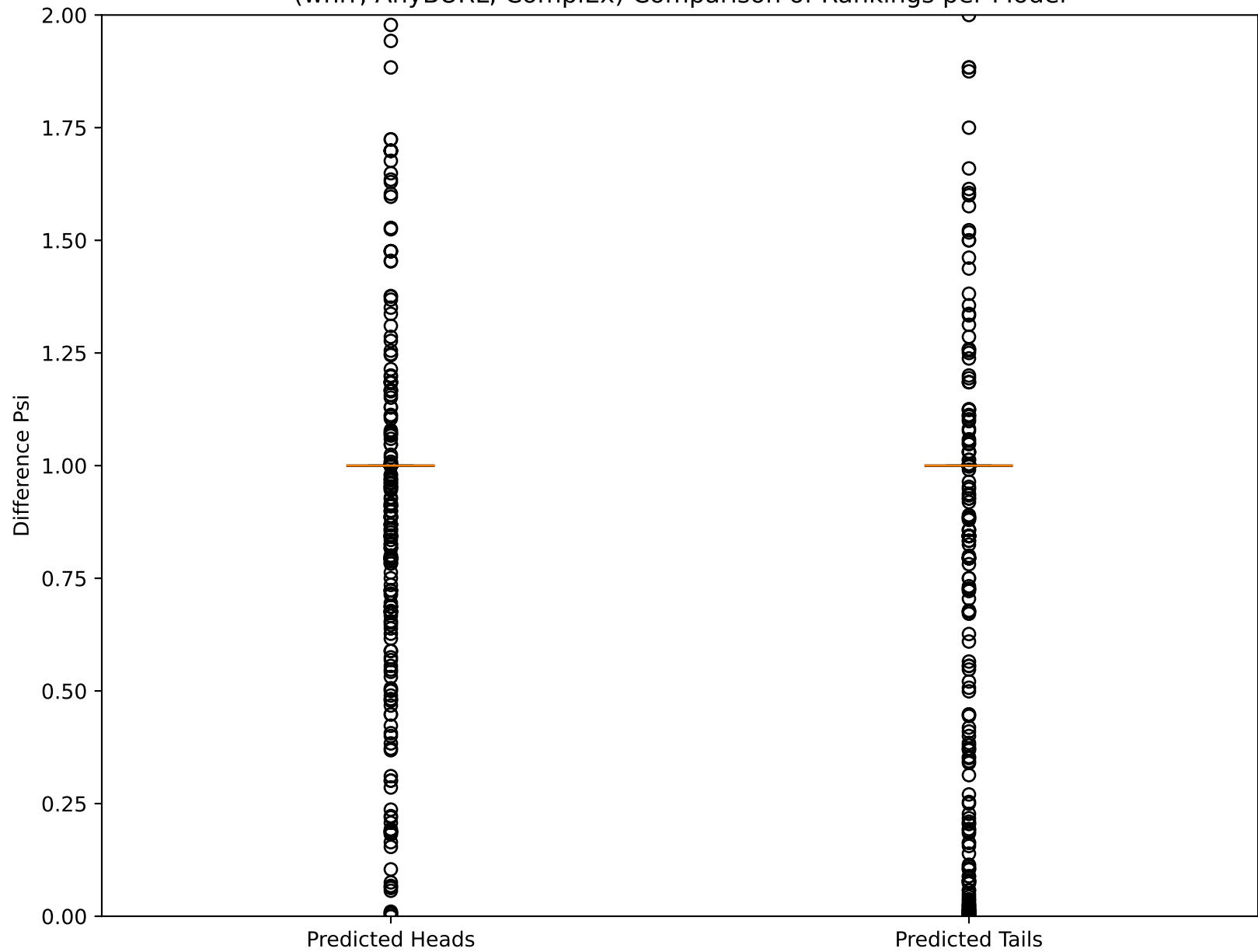
(wnrr, AnyBURL, ComplEx) Comparison of Rankings per Model and Prediction Direction



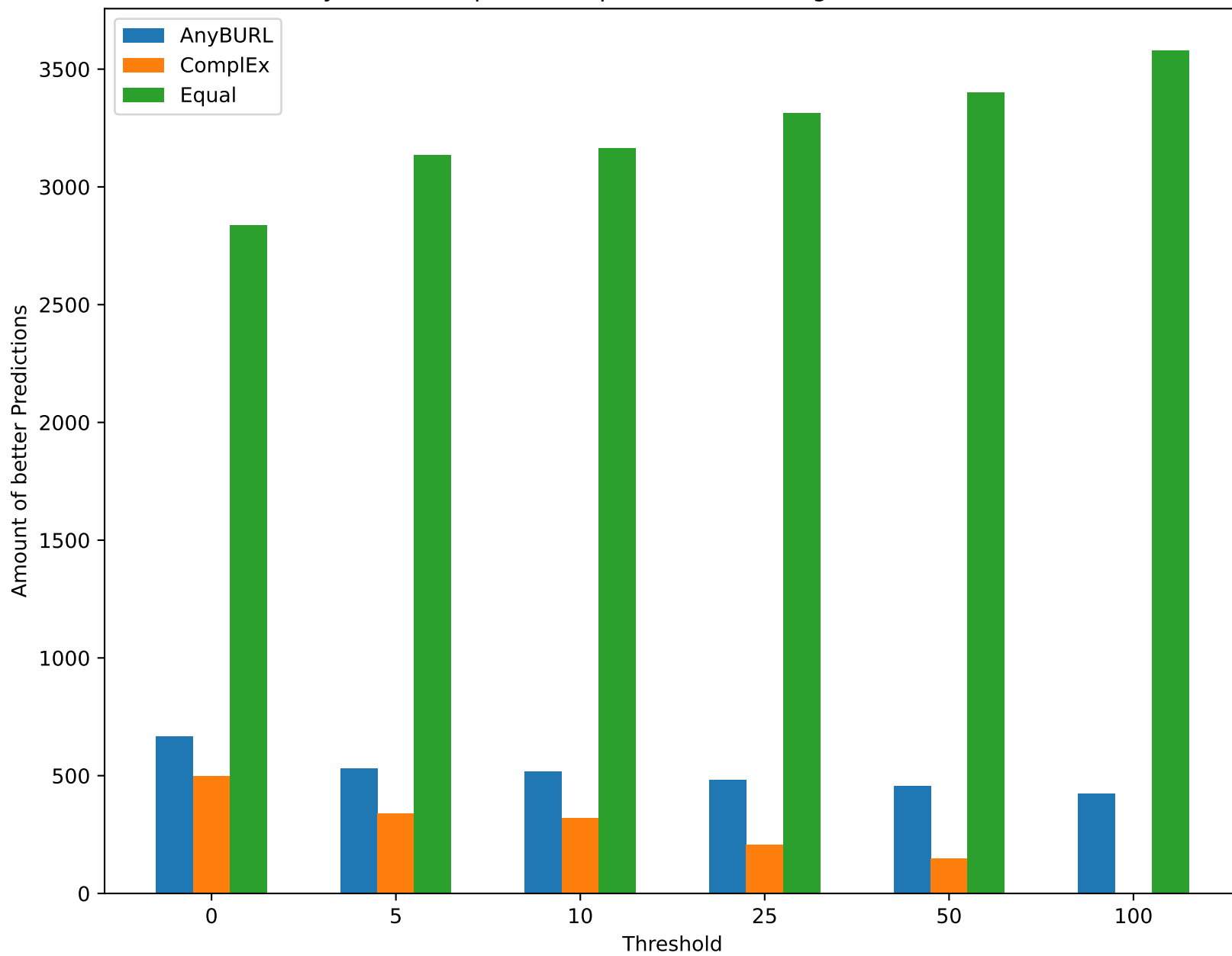
(wnrr, AnyBURL, ComplEx) Comparison of Rankings per Model



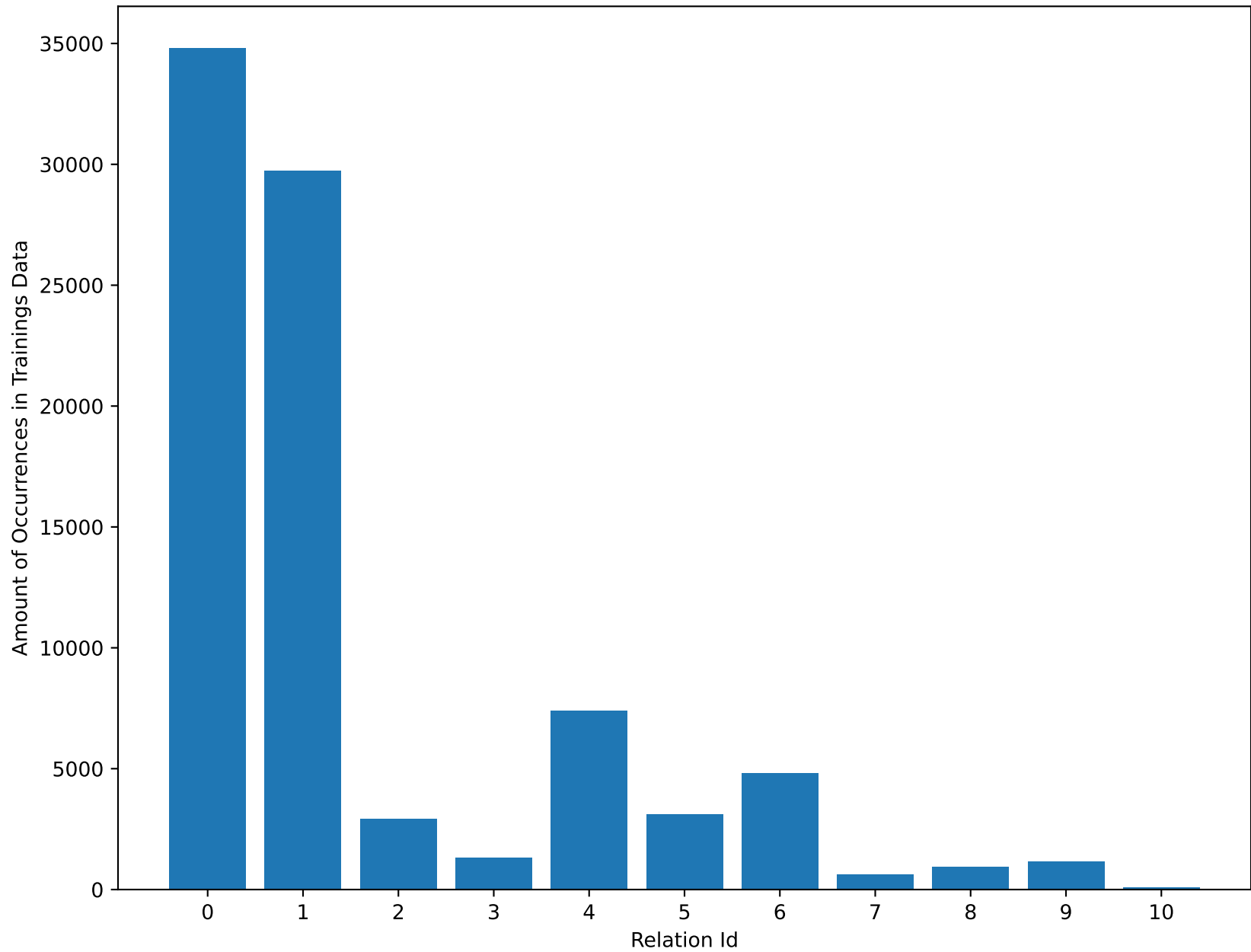
(wnrr, AnyBURL, Complex) Comparison of Rankings per Model



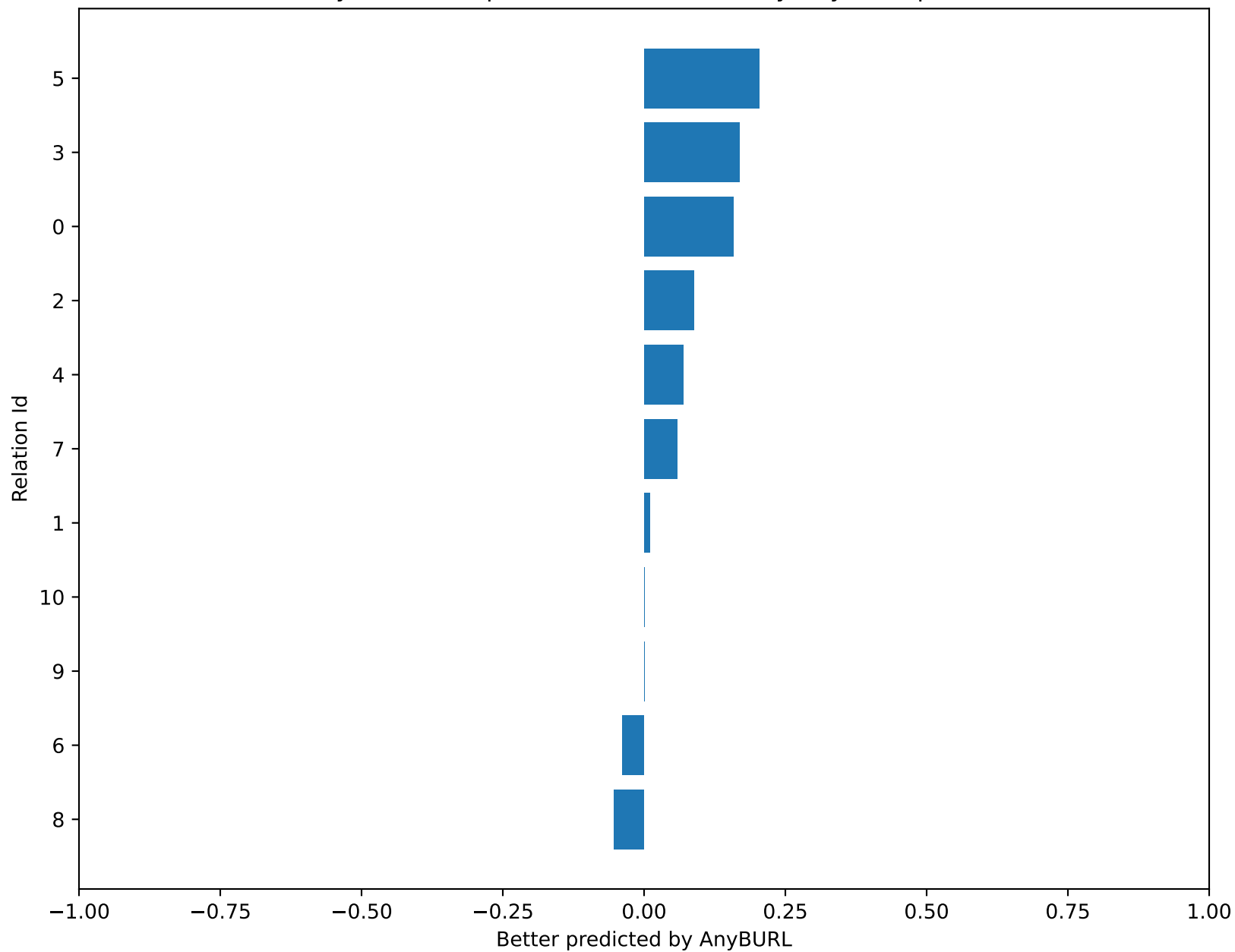
(wnrr, AnyBURL, ComplEx) Comparison of Rankings for different Thresholds



(wnrr, AnyBURL, ComplEx) Relation Frequency in Trainings Data

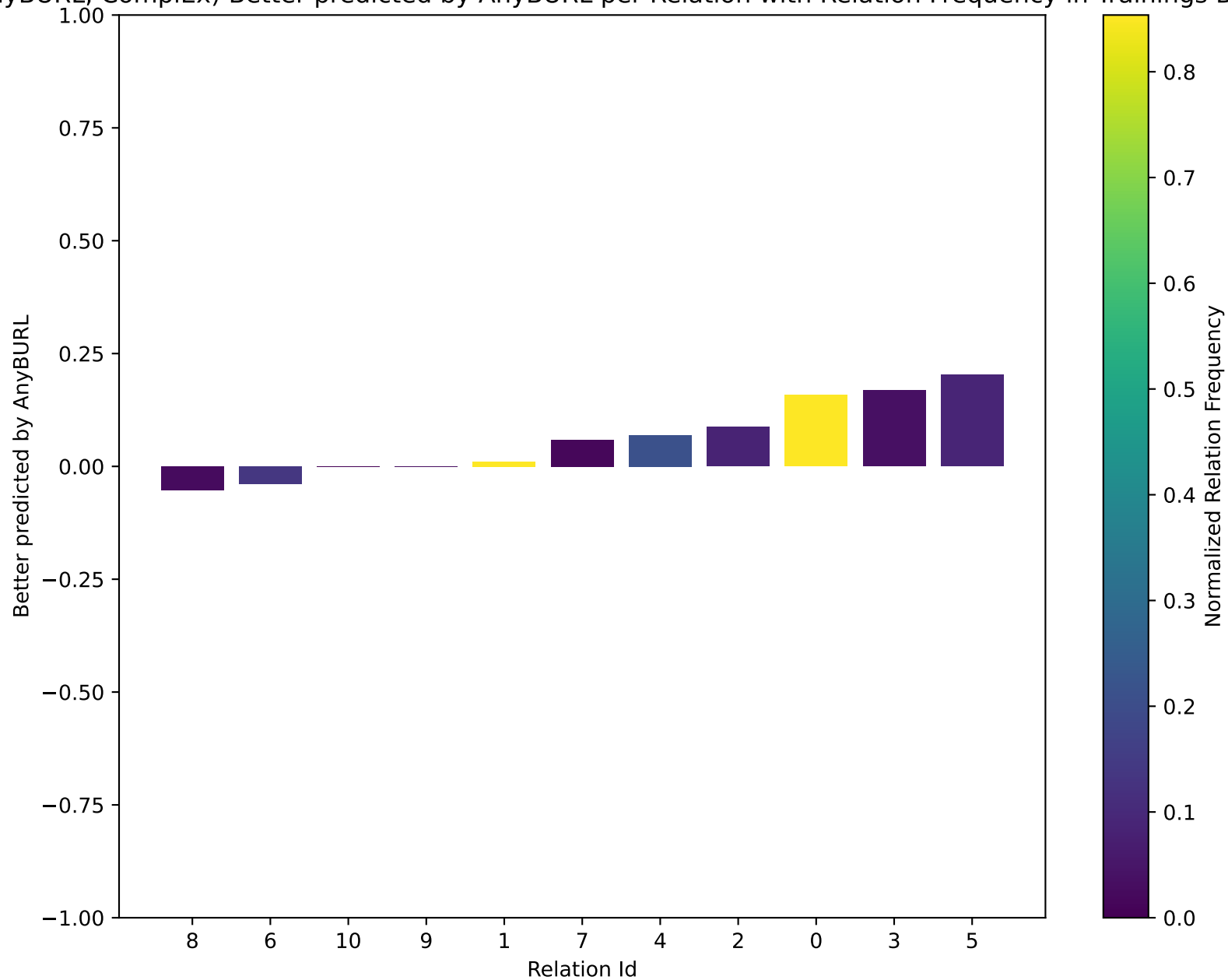


(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Relation

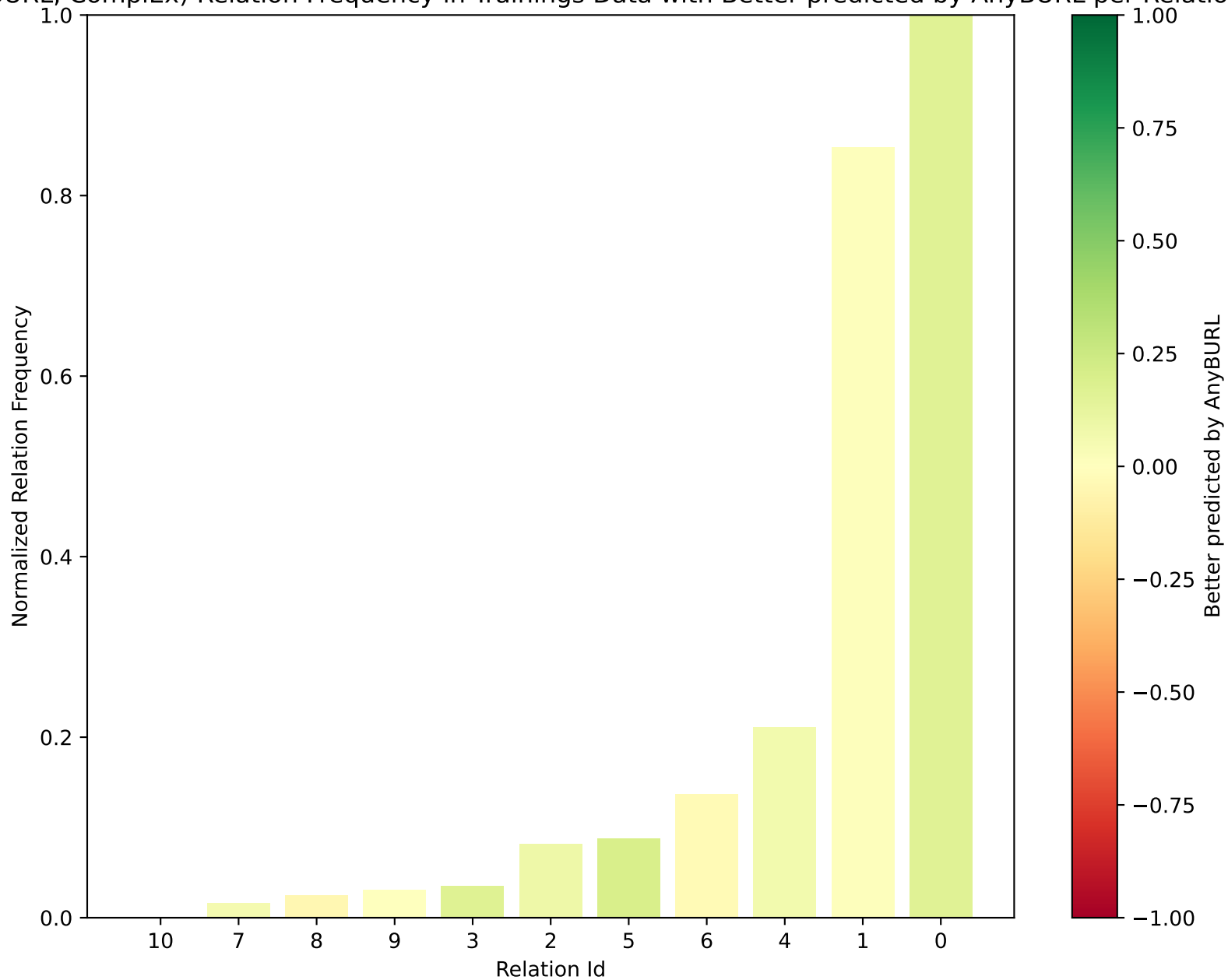




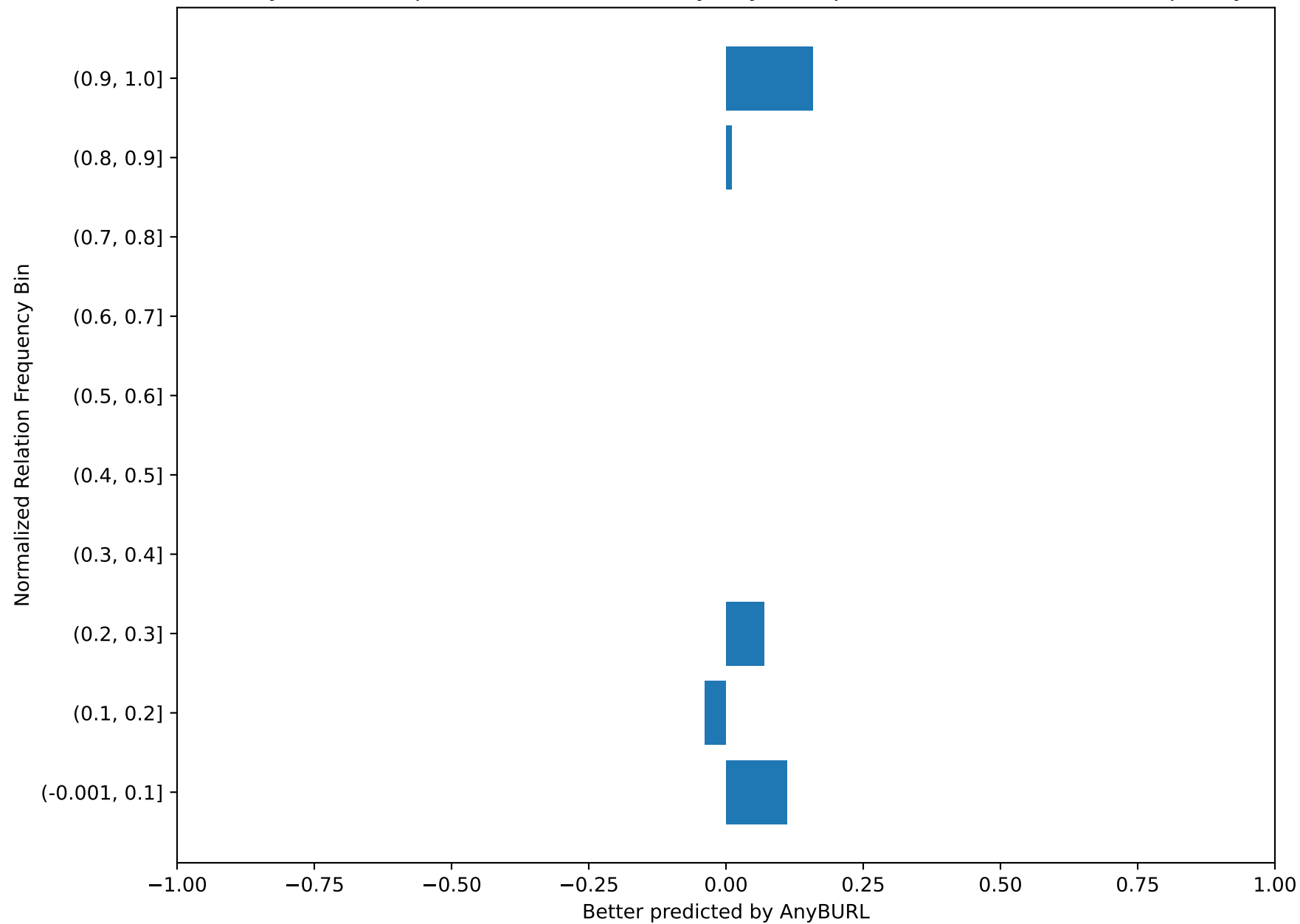
rr, AnyBURL, Complex) Better predicted by AnyBURL per Relation with Relation Frequency in Trainings Data



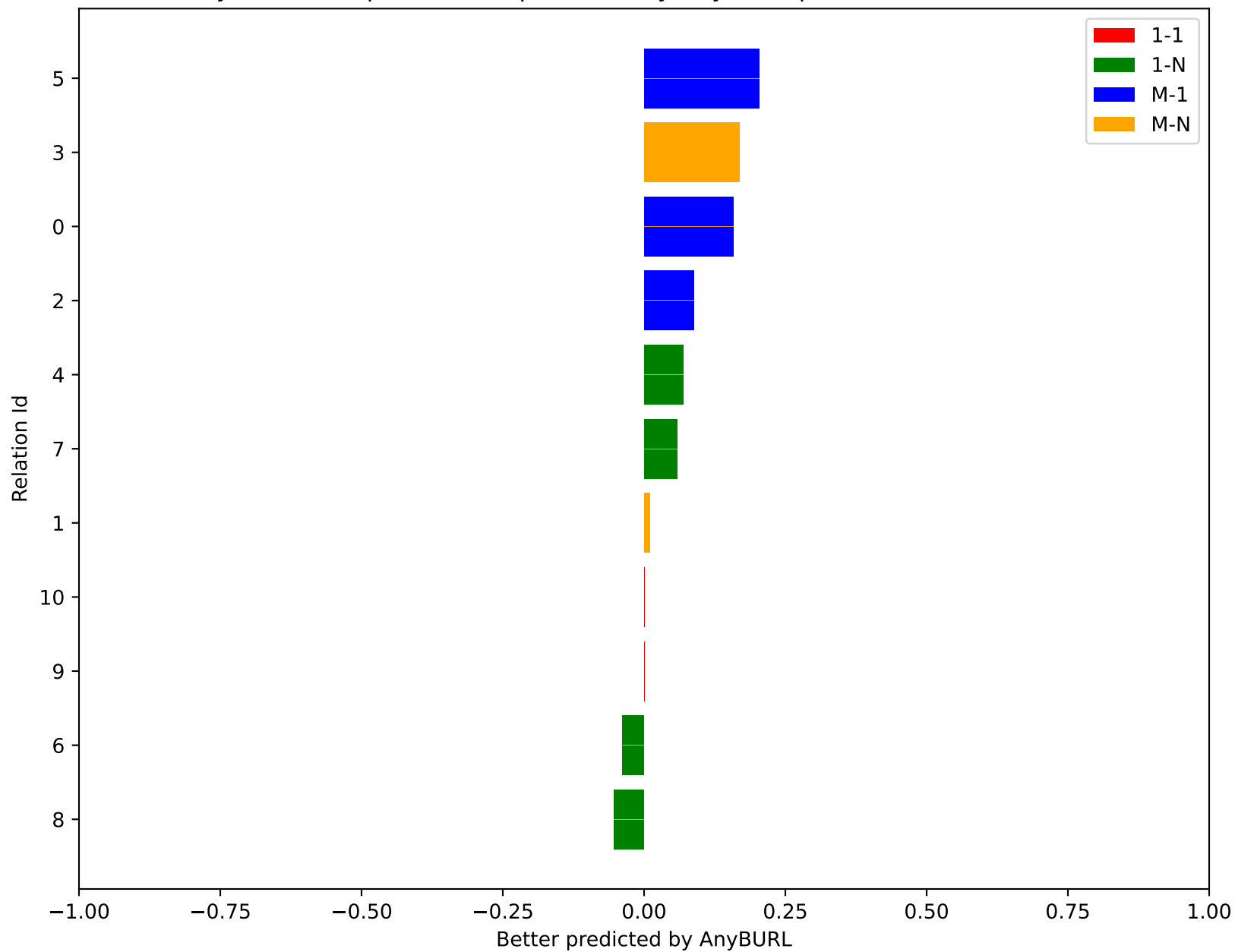
rr, AnyBURL, ComplEx) Relation Frequency in Trainings Data with Better predicted by AnyBURL per Relation



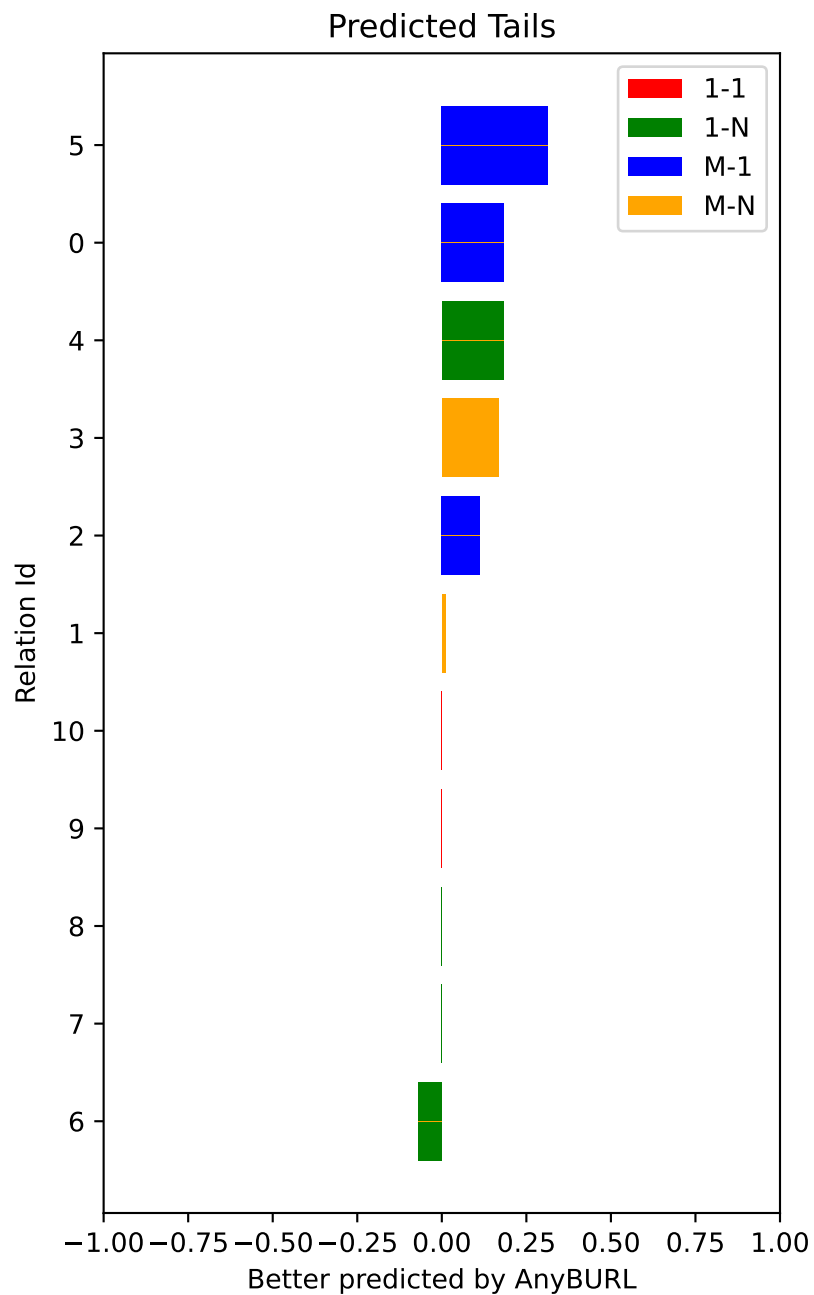
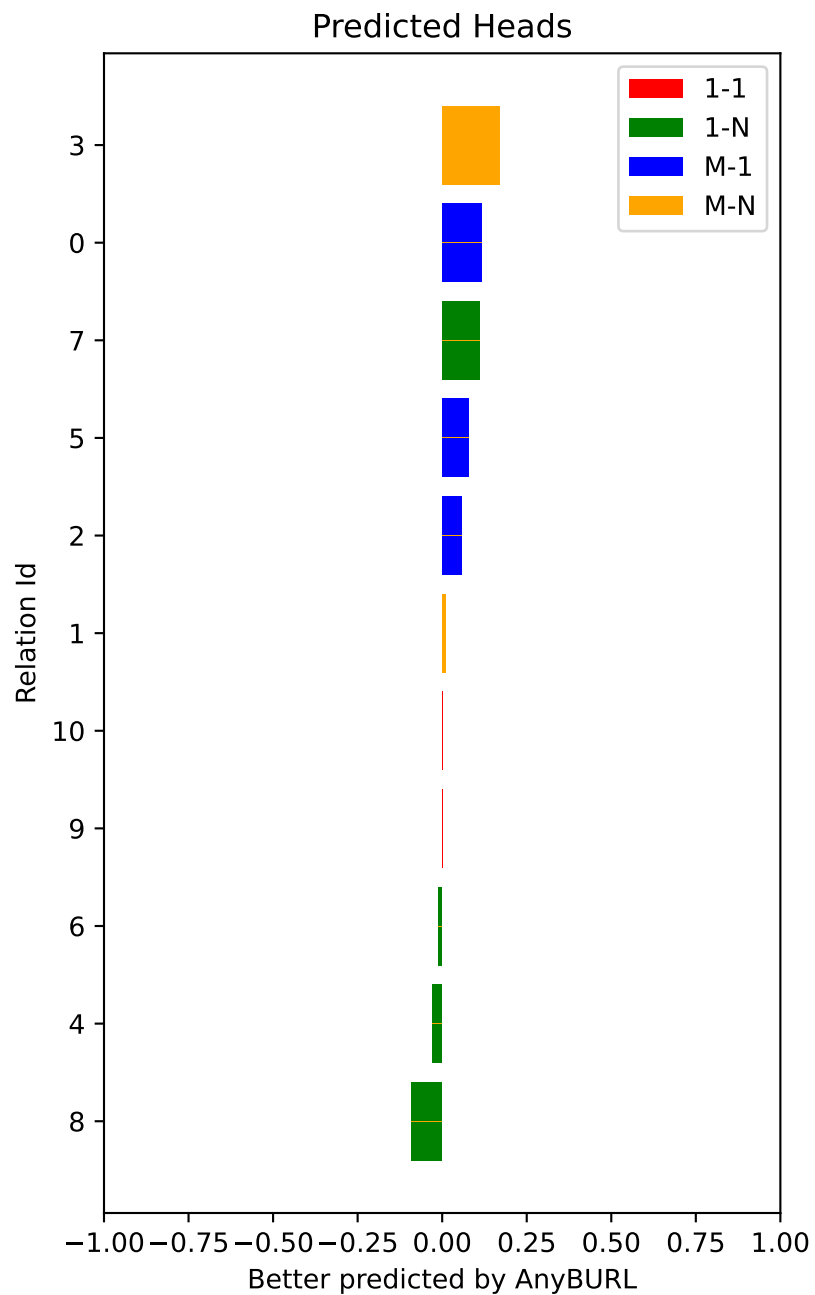
(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Relation Frequency Bin



(wnrr, AnyBURL, ComplEx) Better predicted by AnyBURL per Relation with Relation Class



(wnrr, AnyBURL, Complex) Better predicted by AnyBURL per Relation with Relation Class



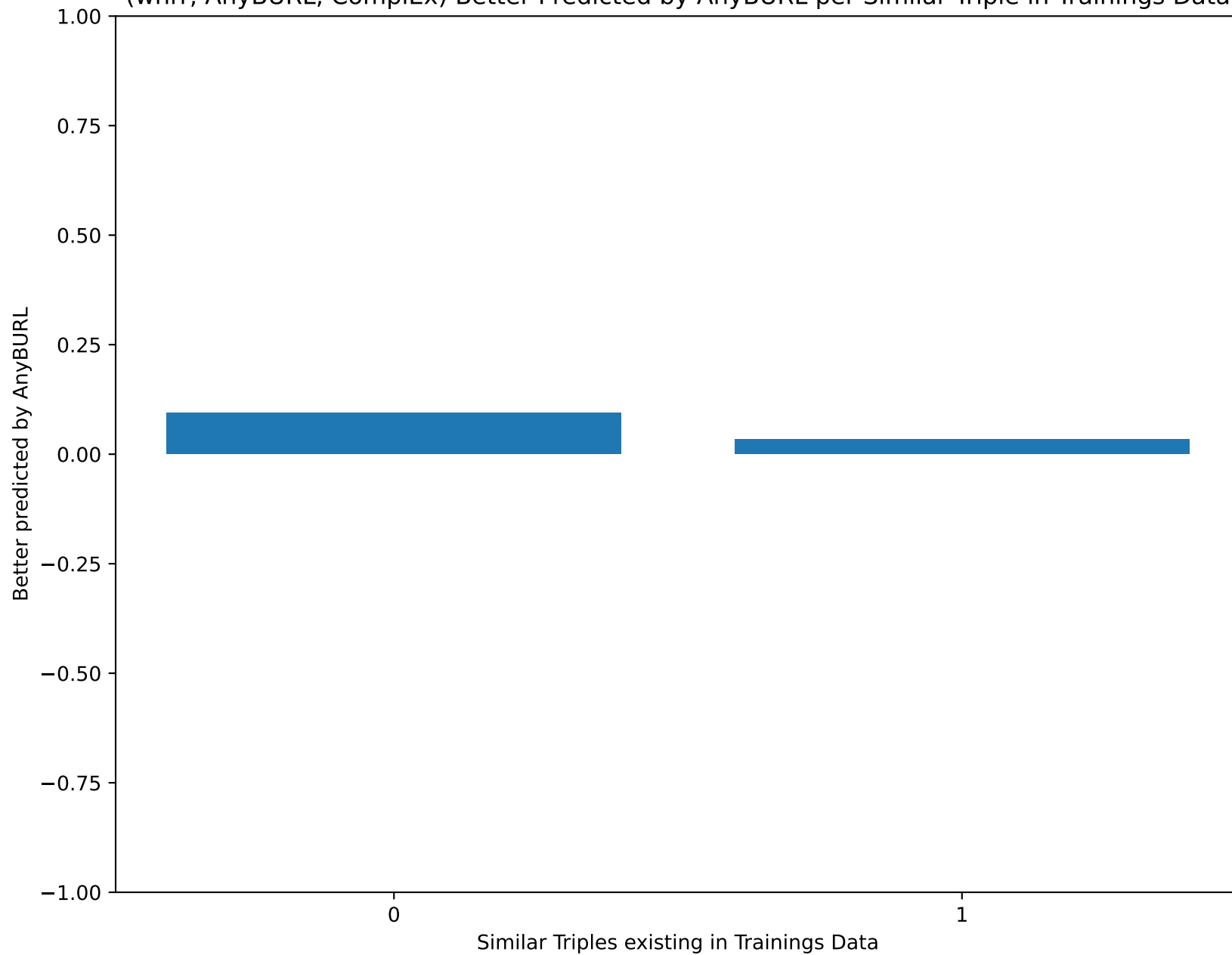
(wnrr, AnyBURL, ComplEx) Better predicted per Relation Class in %

	AnyBURL	ComplEx	Equal
1-1	0.000%	0.000%	100.000%
1-N	19.818%	16.909%	63.273%
M-1	28.199%	12.963%	58.838%
M-N	2.017%	0.367%	97.616%

(wnrr, AnyBURL, ComplEx) Better predicted per Relation Class in % (cleaned)

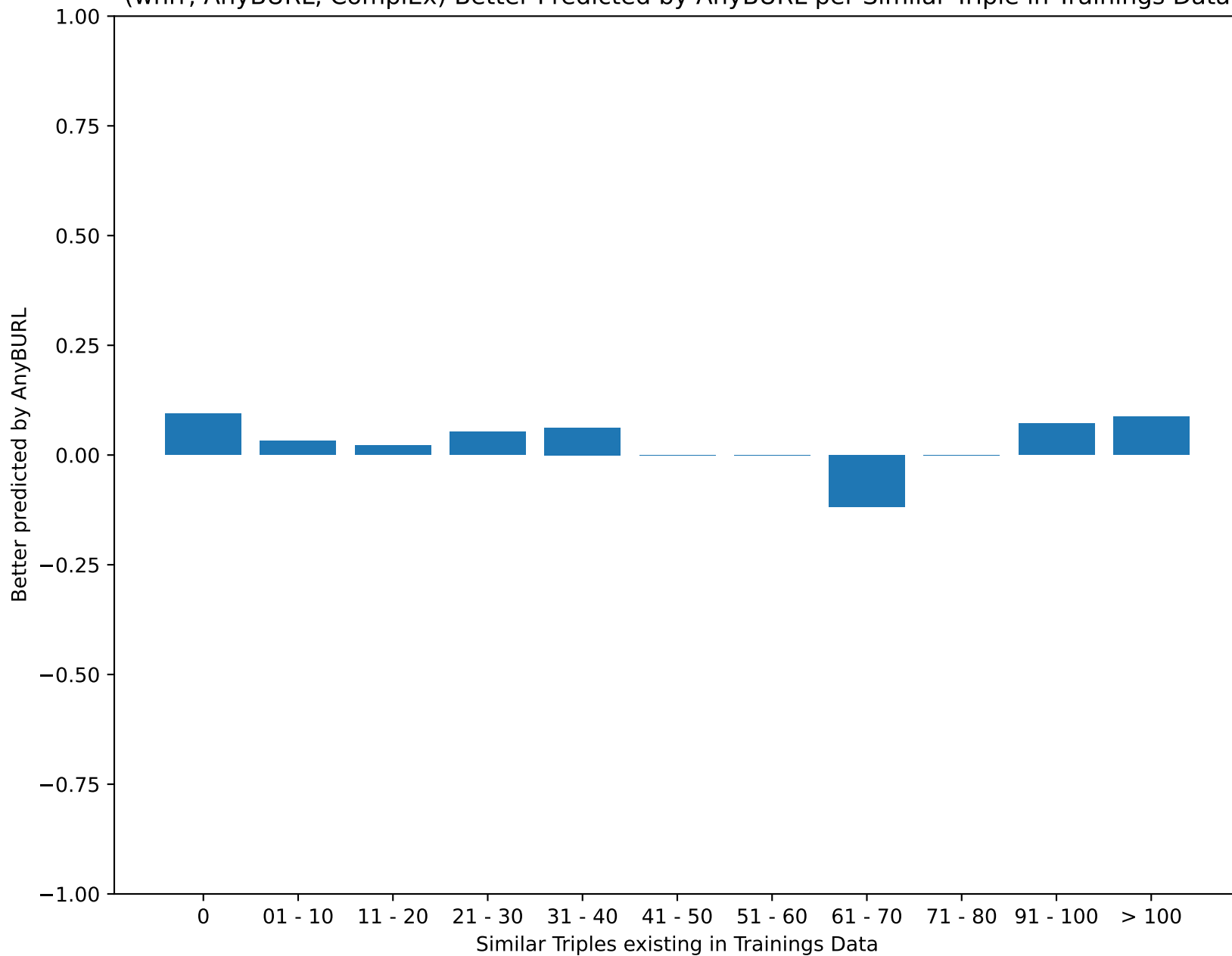
	AnyBURL	ComplEx	Equal
1-1	0.000%	0.000%	100.000%
1-N	21.131%	11.440%	67.429%
M-1	28.844%	16.281%	54.874%
M-N	2.017%	0.367%	97.616%

(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Similar Triple in Trainings Data

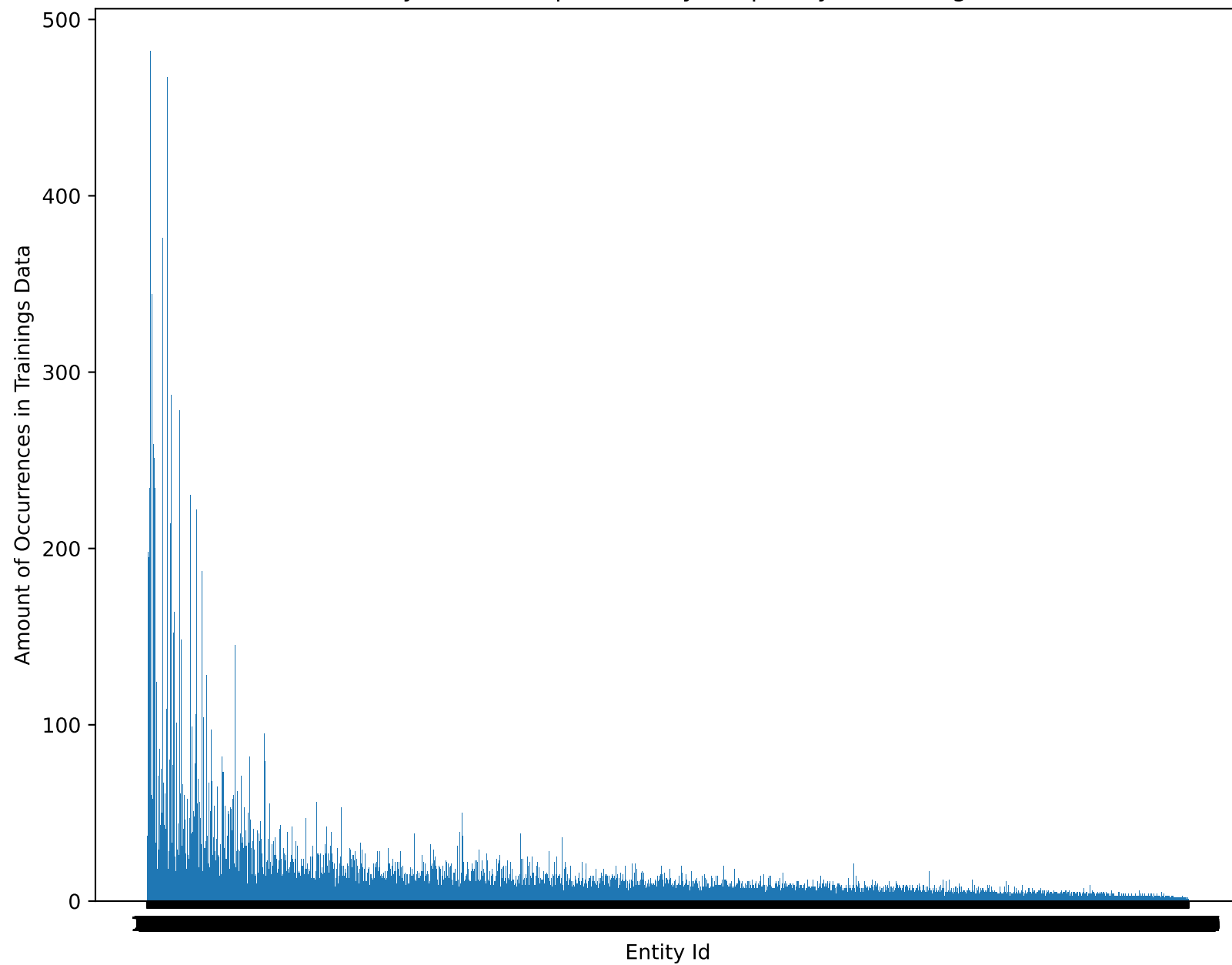




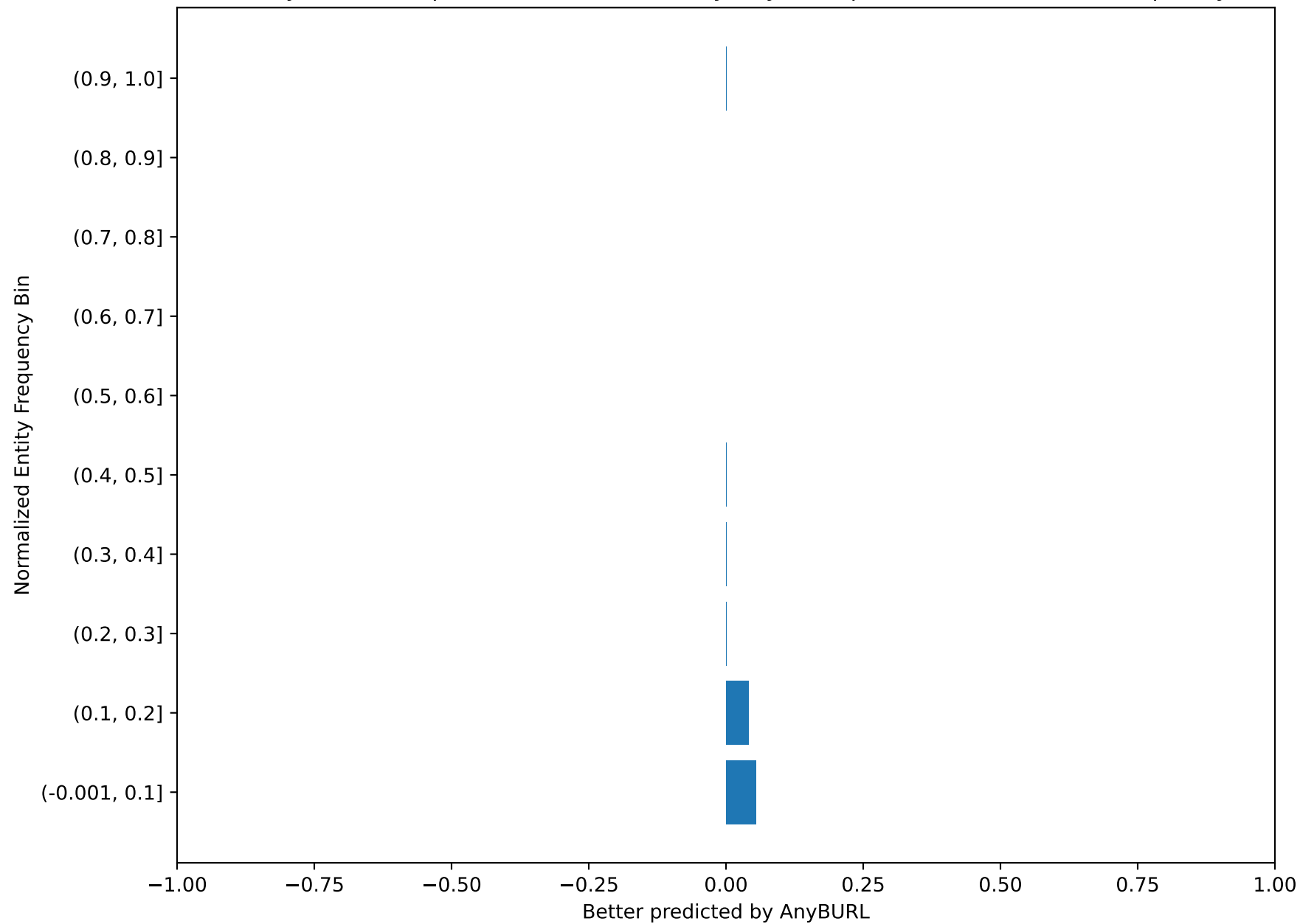
(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Similar Triple in Trainings Data



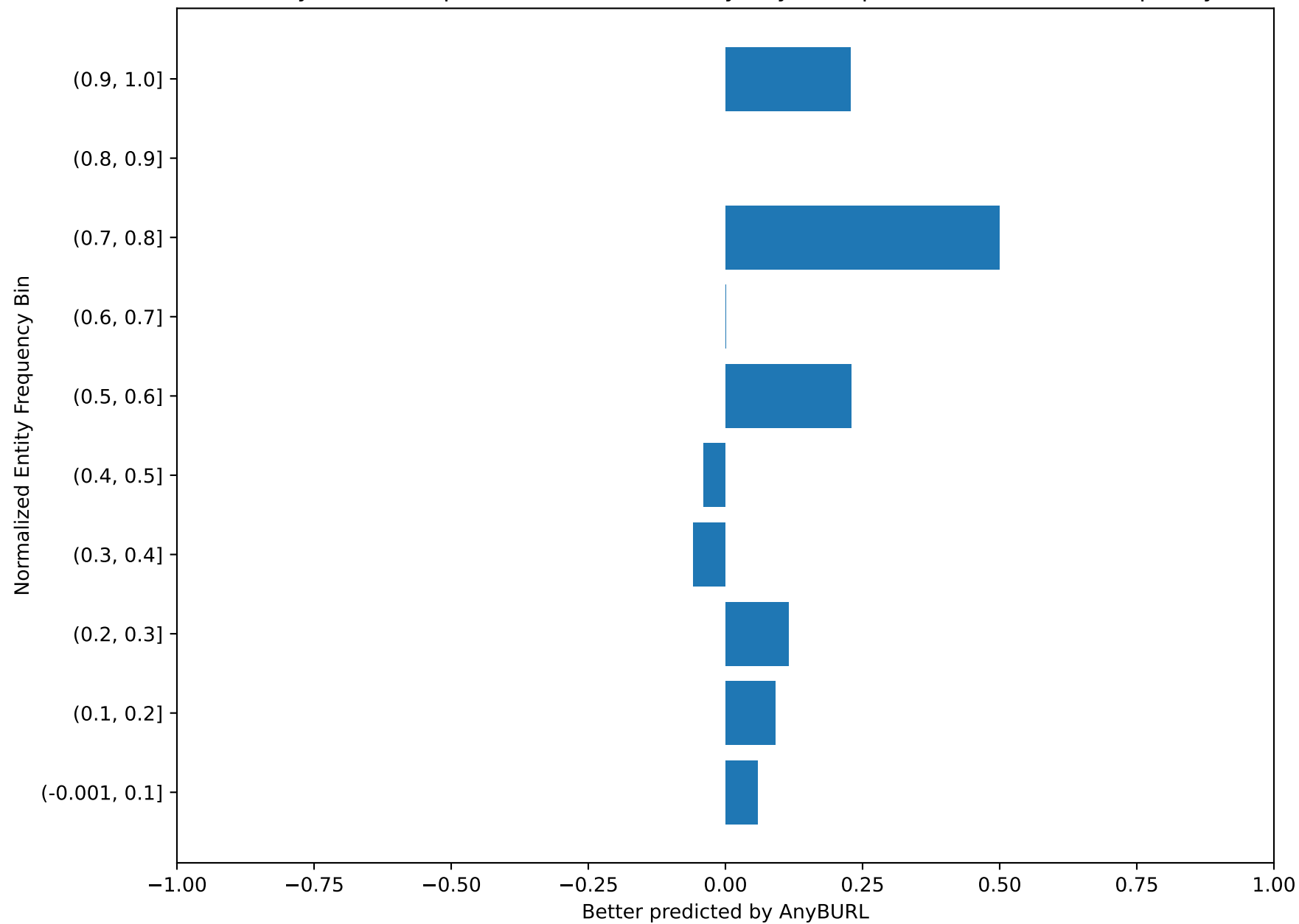
(wnrr, AnyBURL, ComplEx) Entity Frequency in Trainings Data



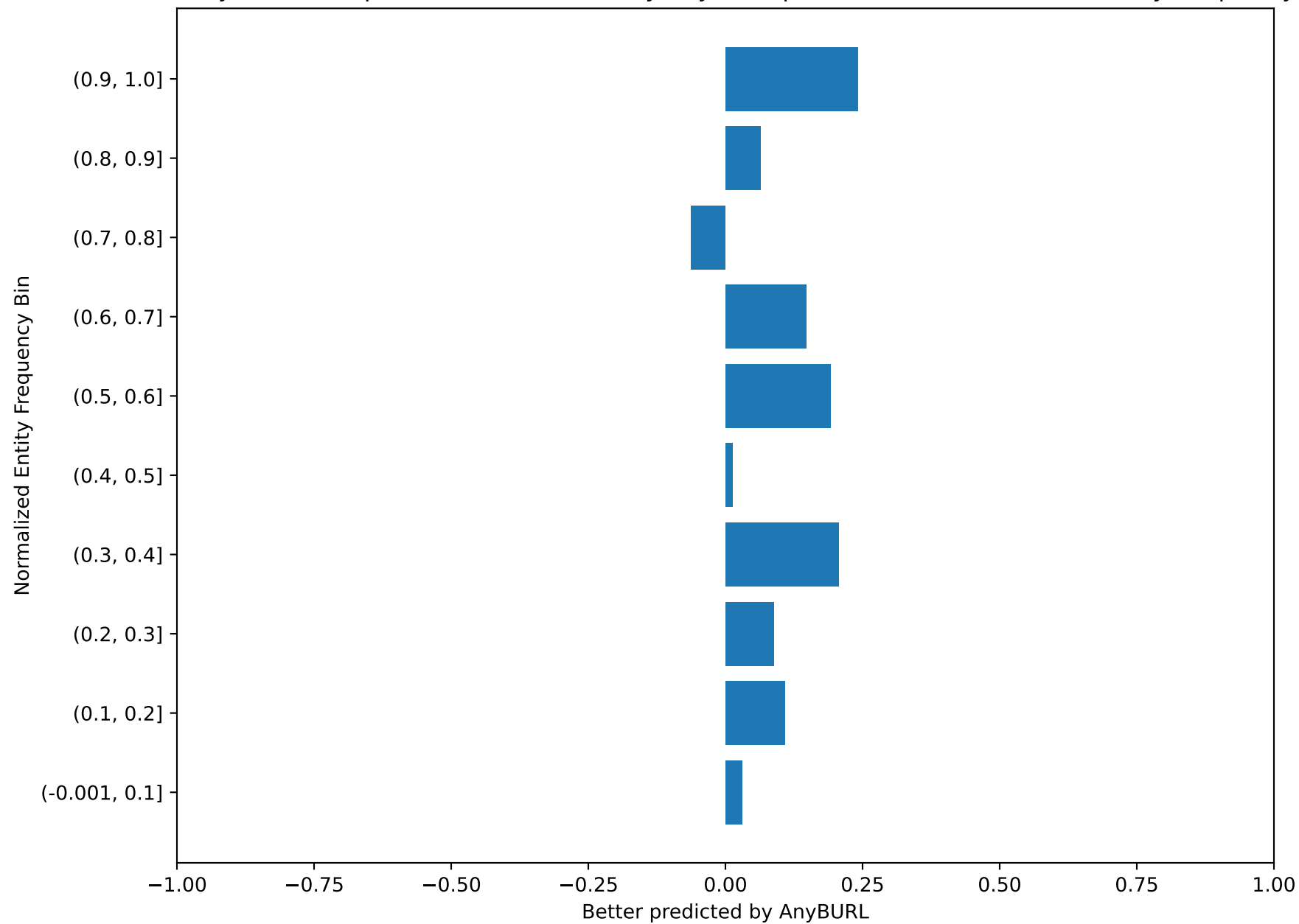
(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Head Frequency Bin



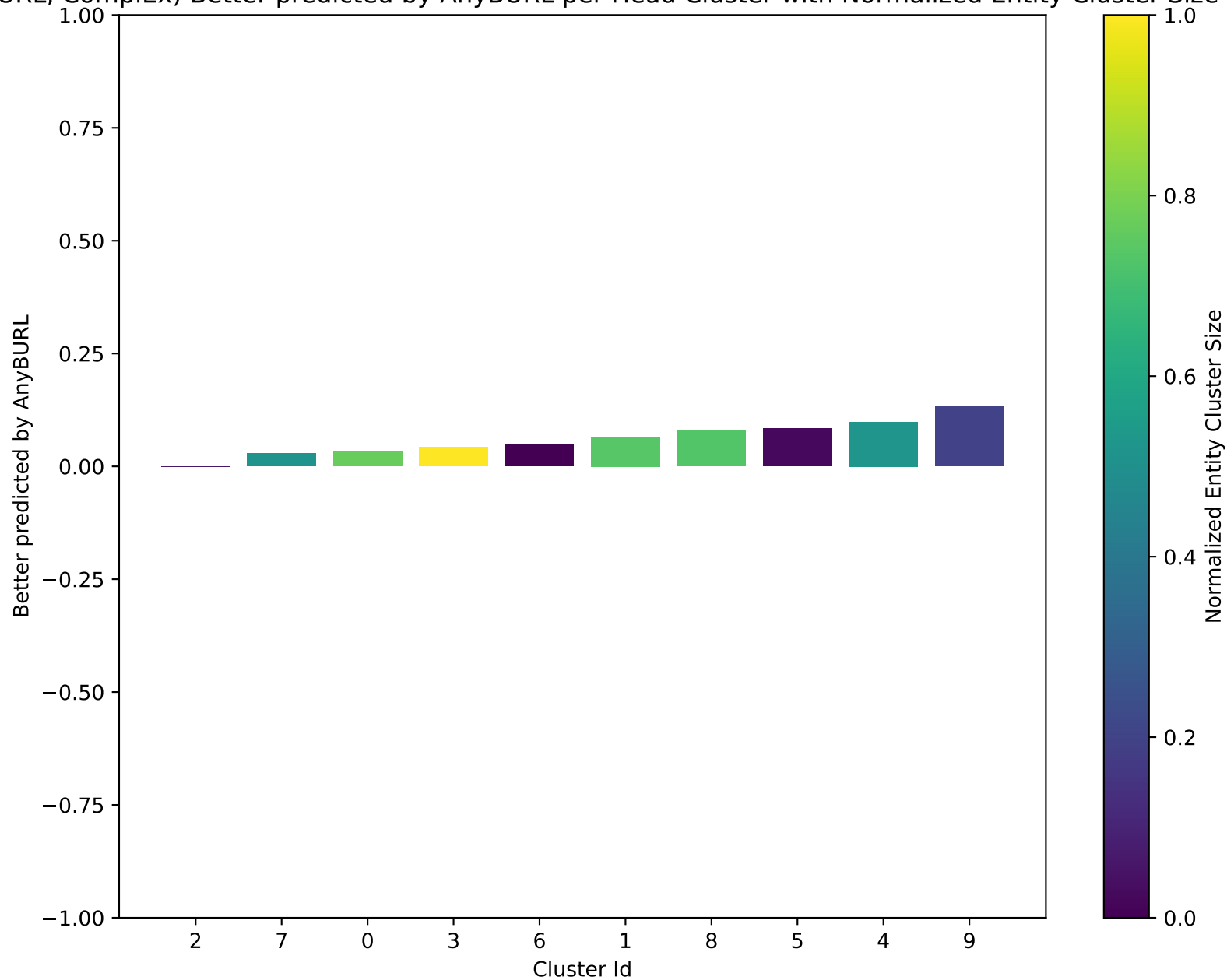
(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Normalized Tail Frequency Bin



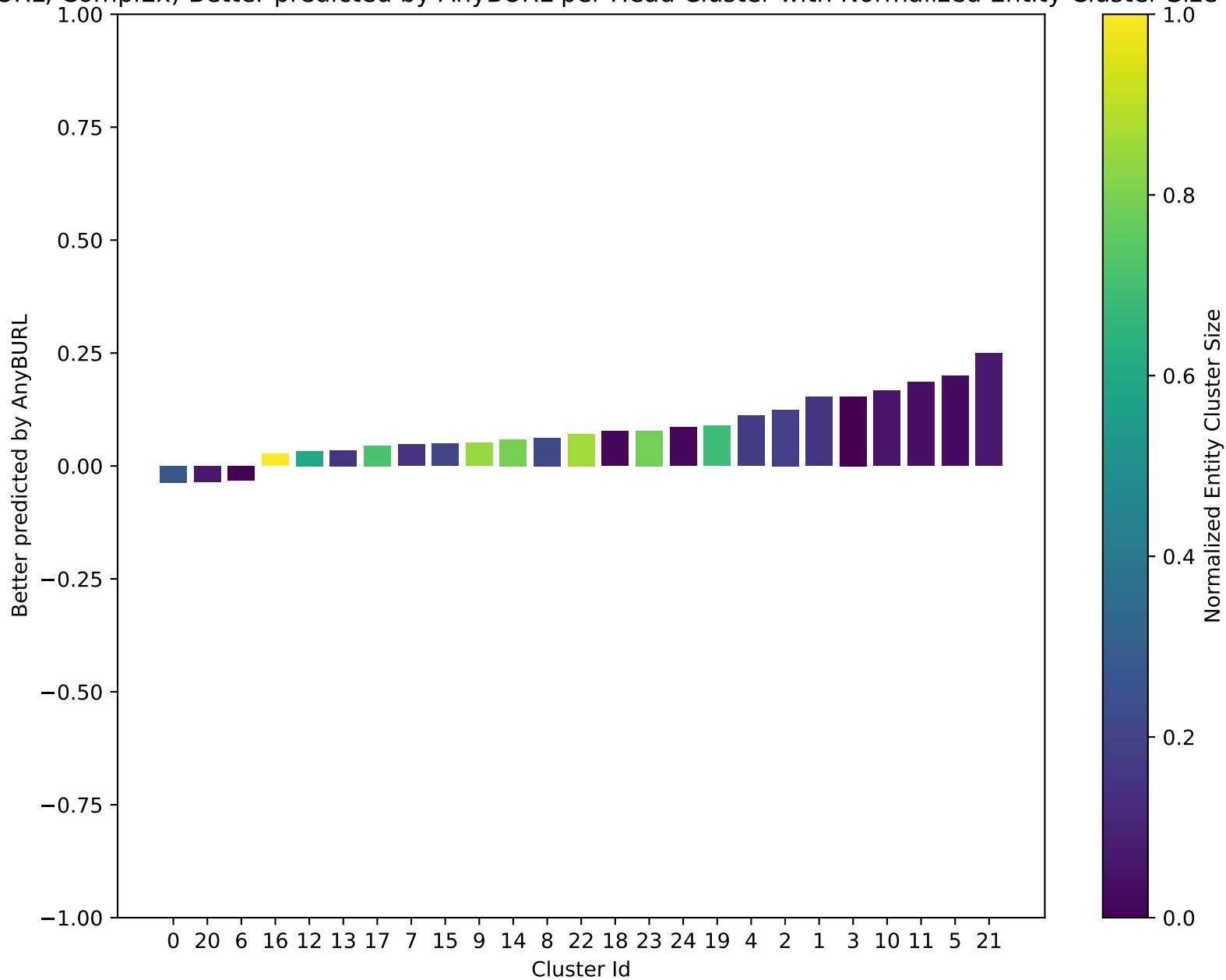
(wnrr, AnyBURL, ComplEx) Better Predicted by AnyBURL per Combined Normalized Entity Frequency Bin



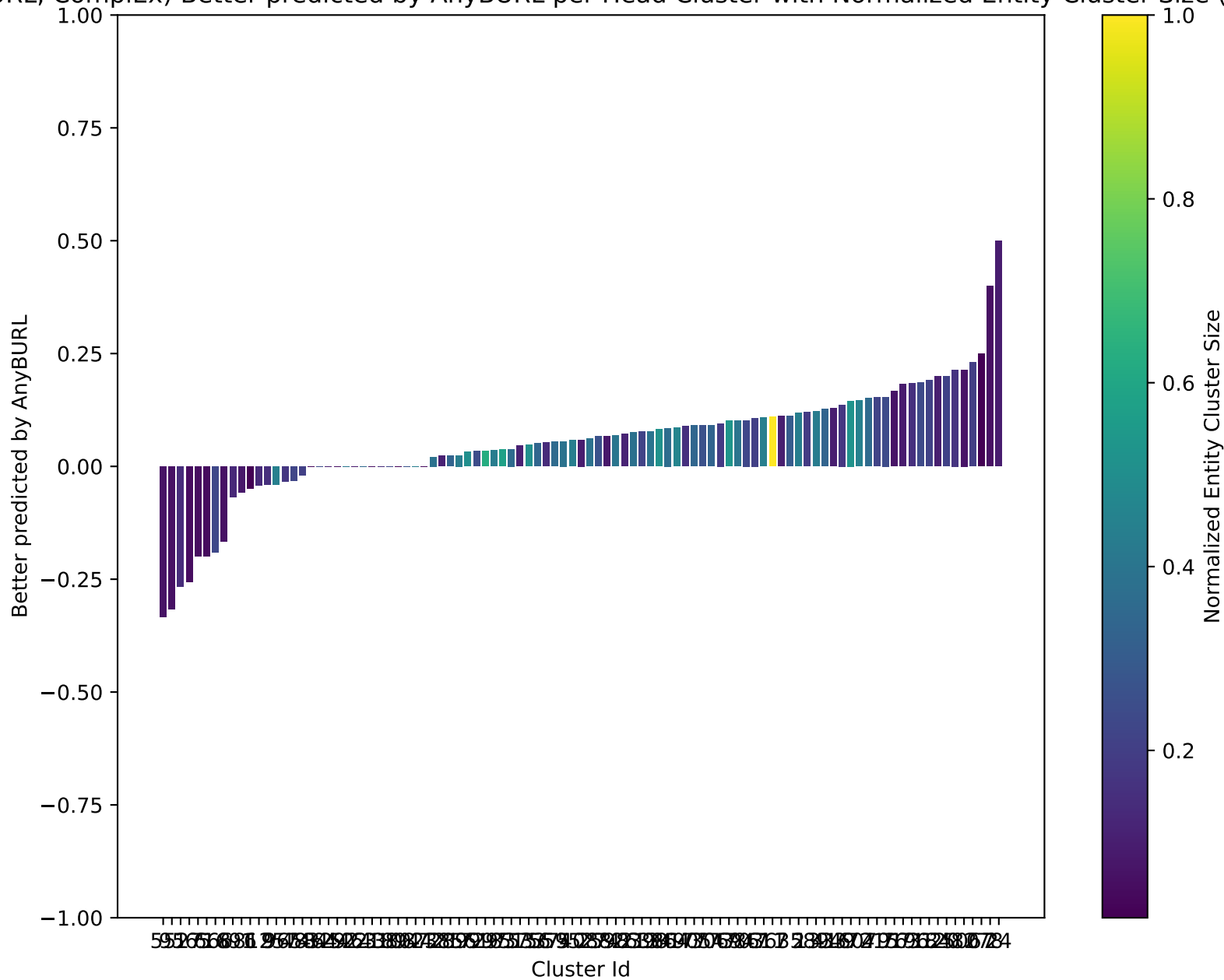
AnyBURL, Complex) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



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

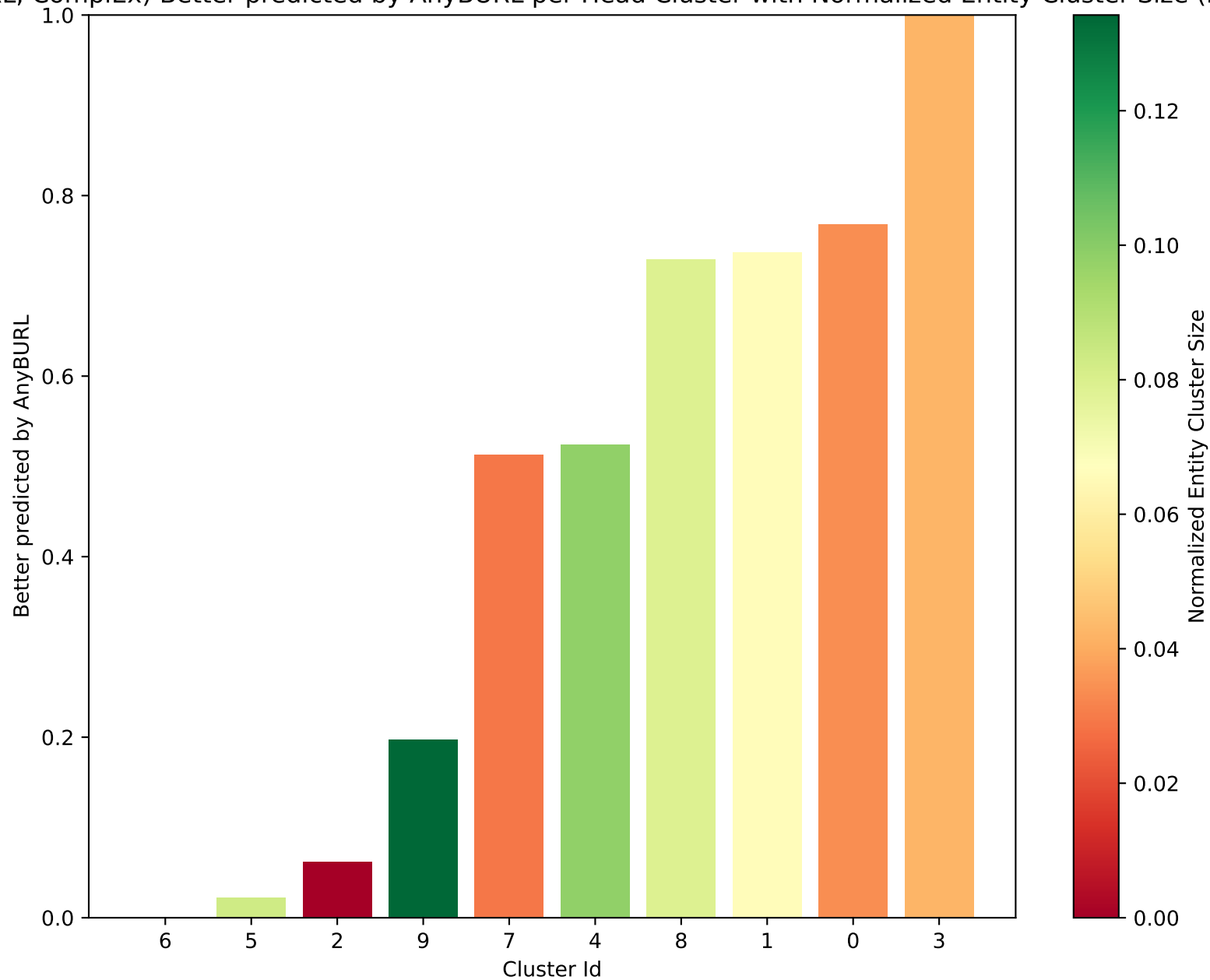


AnyBURL, ComplEx) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=100)

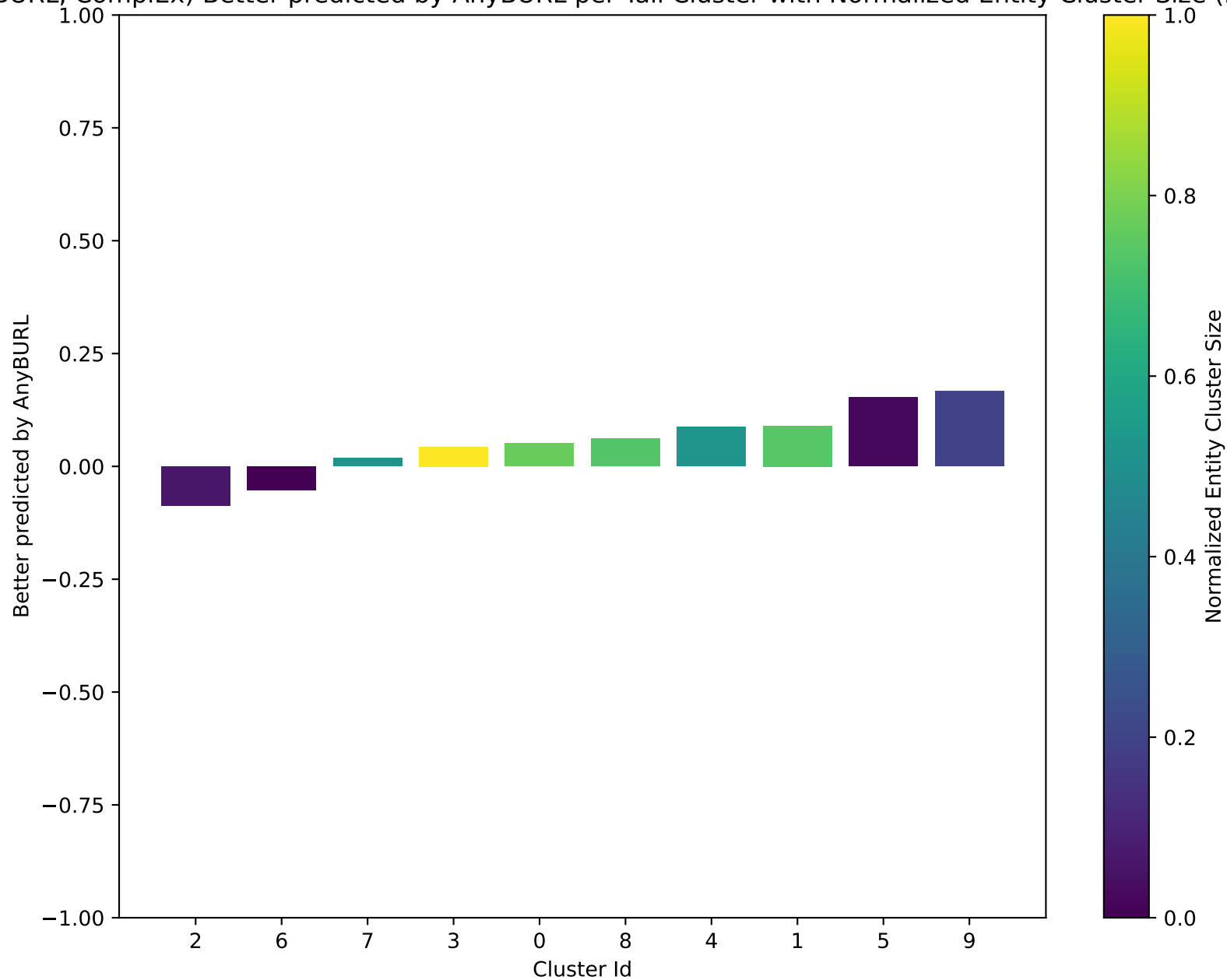




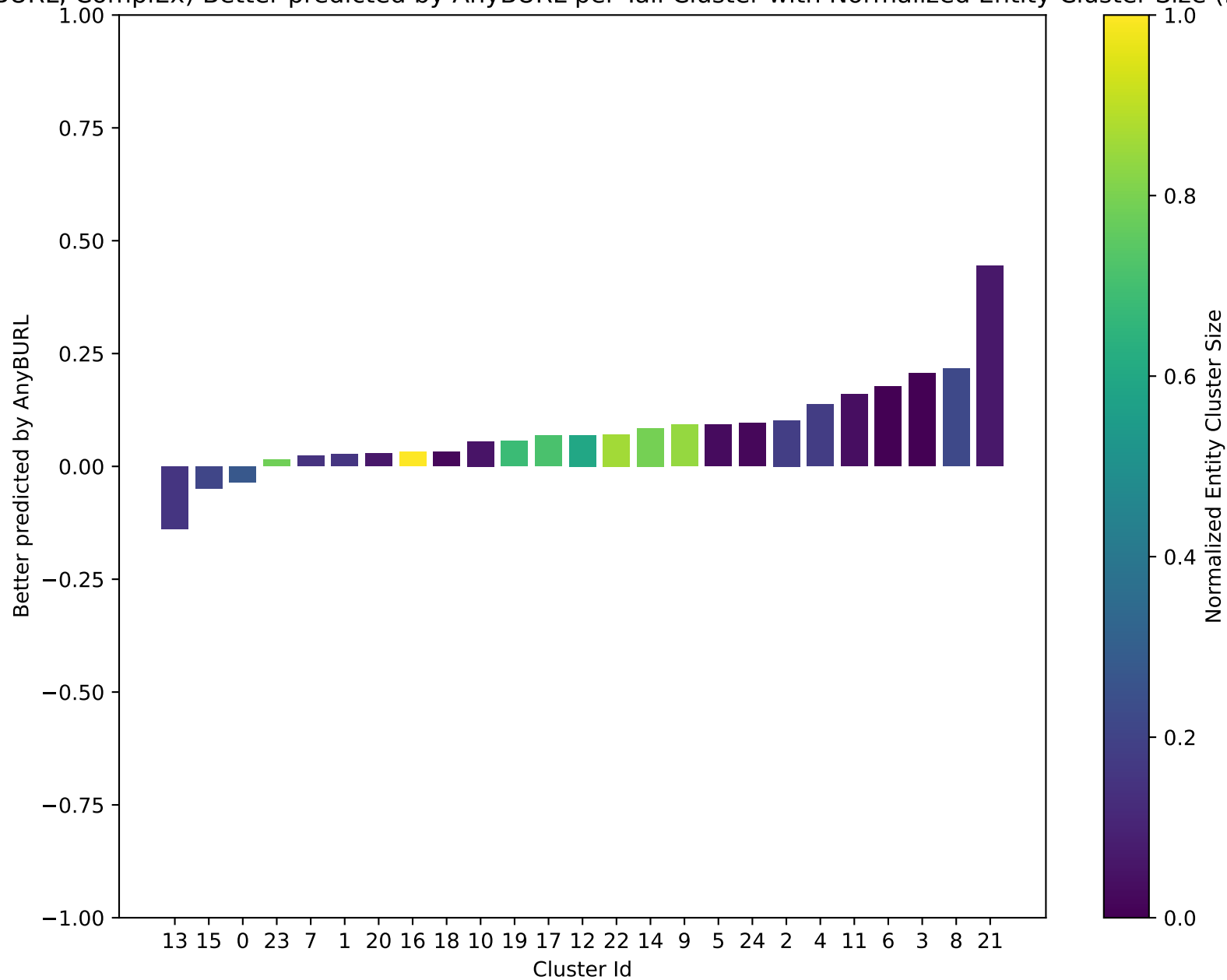
AnyBURL, Complex) Better predicted by AnyBURL per Head Cluster with Normalized Entity Cluster Size (n=10)



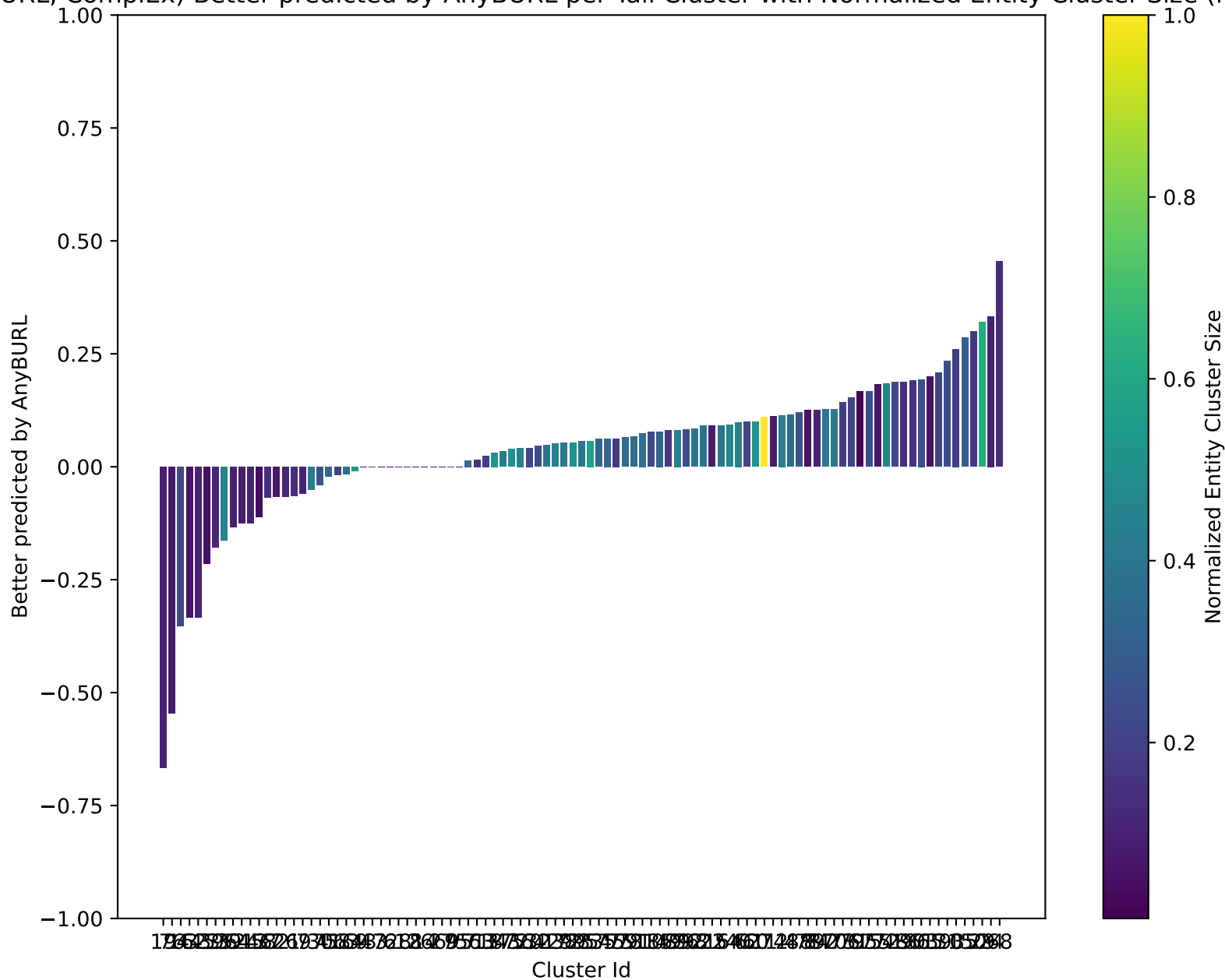
, AnyBURL, Complex) Better predicted by AnyBURL per Tail Cluster with Normalized Entity Cluster Size (n=10)



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



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



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

