

# Ultimate RAG Benchmark Report

Generated: 2025-06-27 19:30

Models Tested: 2

Datasets: 2

Corpora: 1

Total Evaluations: 4

## **Key Results:**

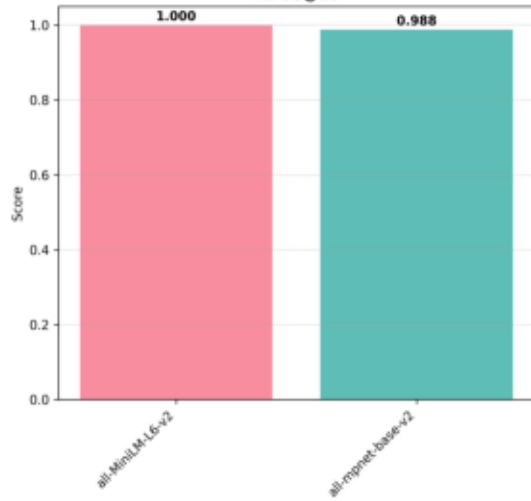
Best F1@10: 0.447 (all-mpnet-base-v2)

Best NDCG@10: 1.000

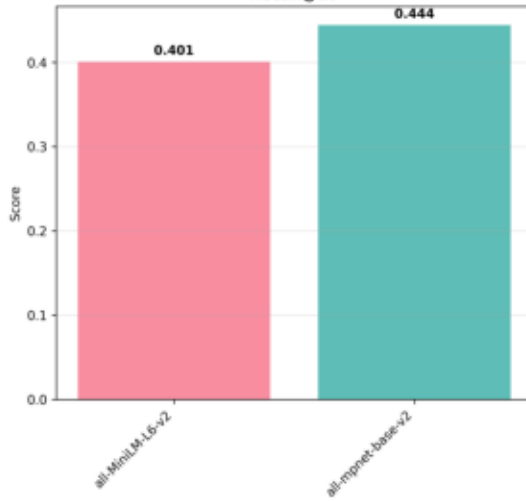
Avg Processing Time: 10.0s

## Performance Overview

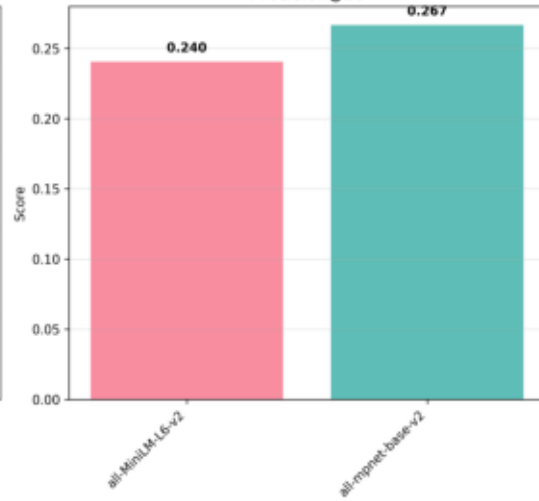
### NDCG@10



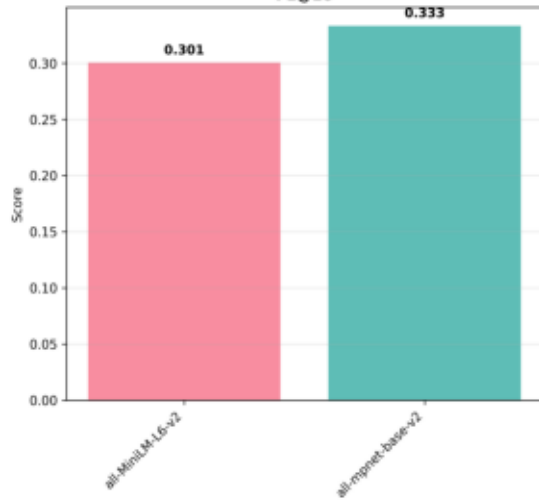
### Recall@10



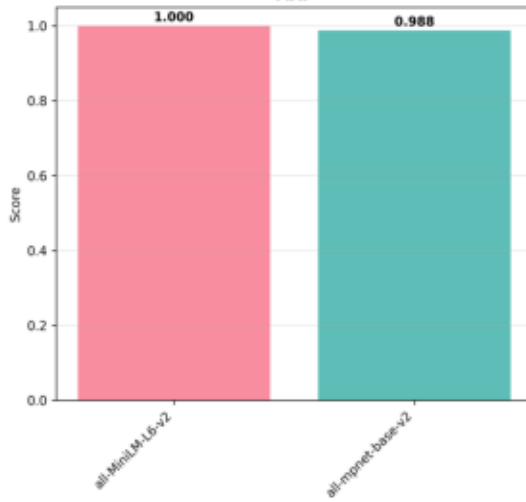
### Precision@10



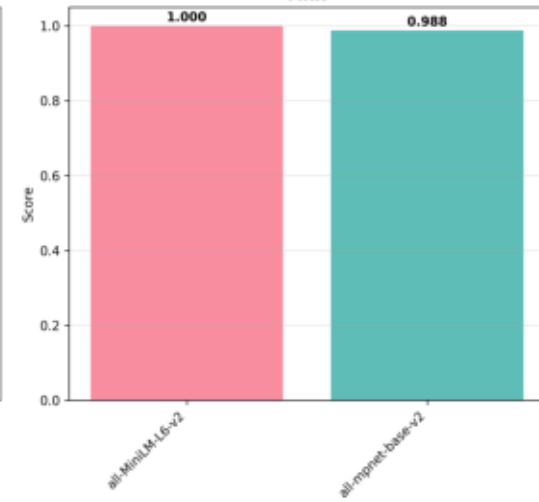
### F1@10



### MAP

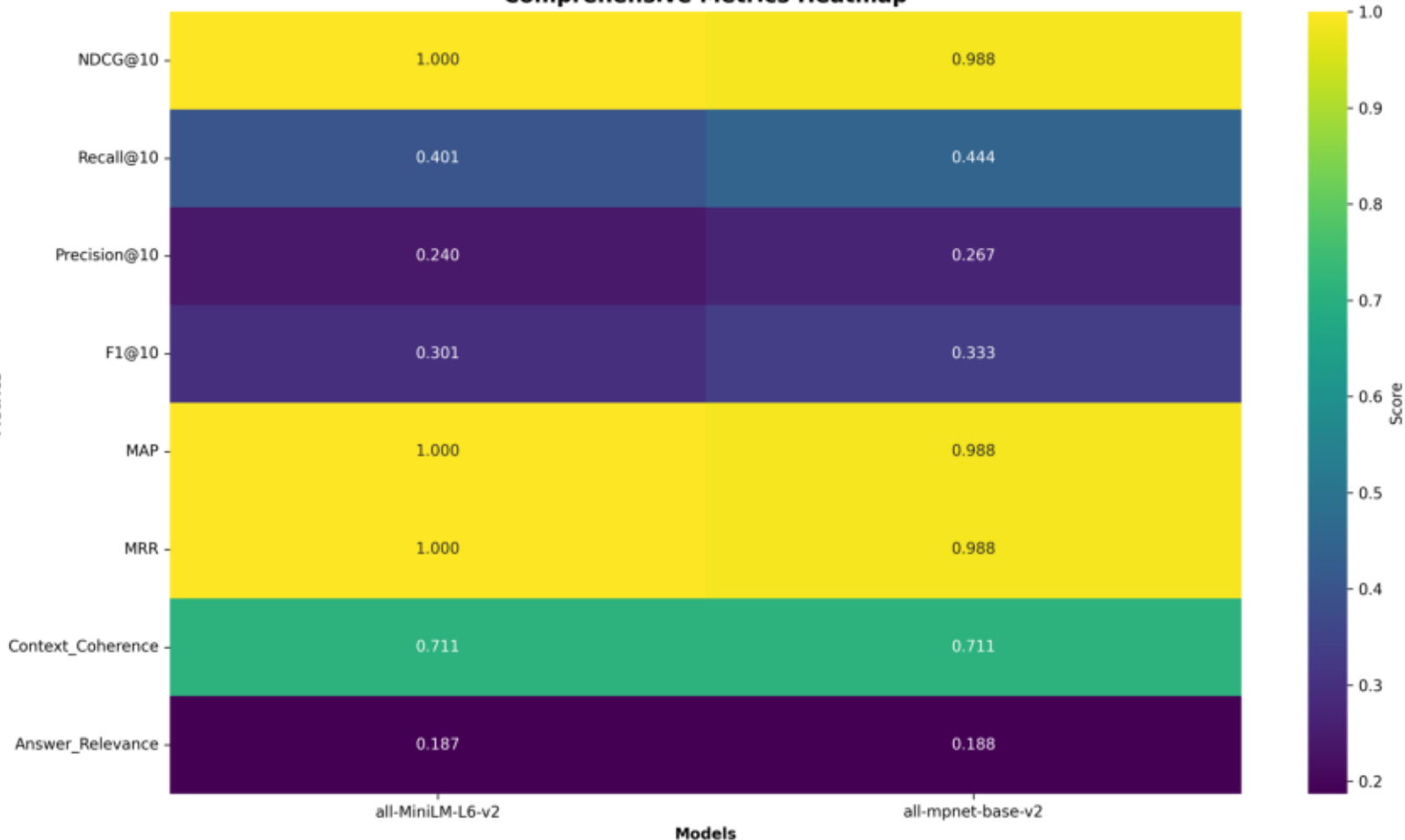


### MRR



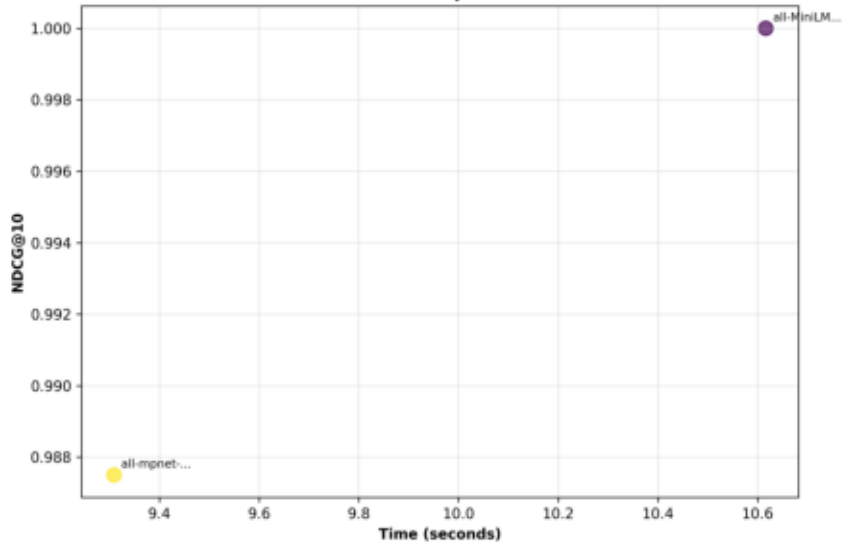
# Comprehensive Metrics Heatmap

Metrics

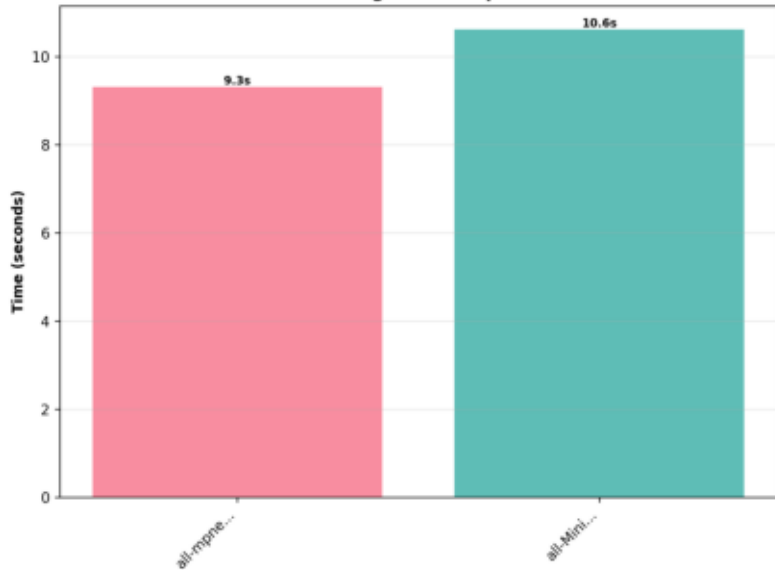


Score

Performance vs Speed Trade-off

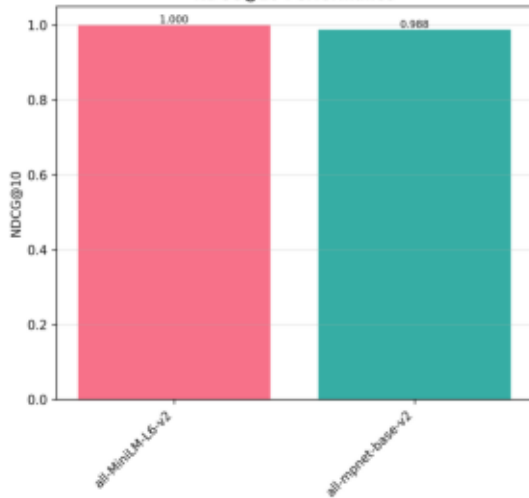


Processing Time Comparison

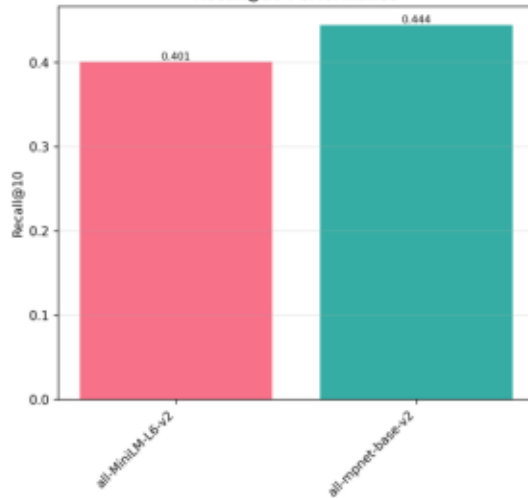


## Individual Metric Performance Comparison

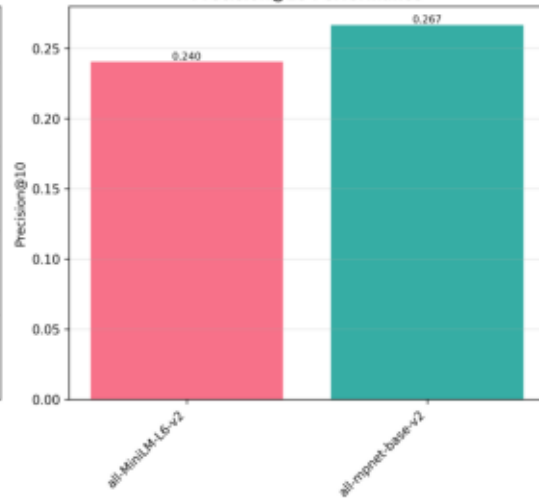
### NDCG@10 Performance



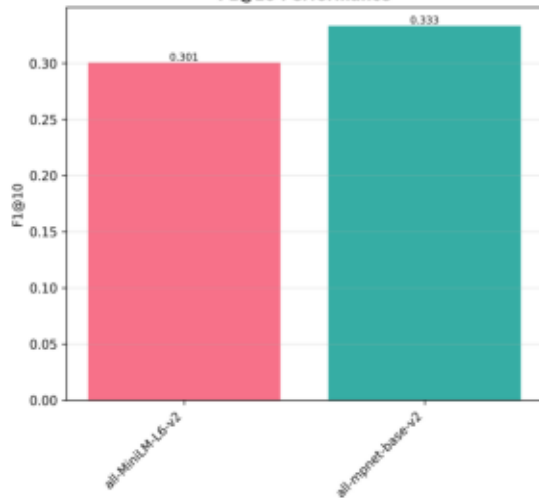
### Recall@10 Performance



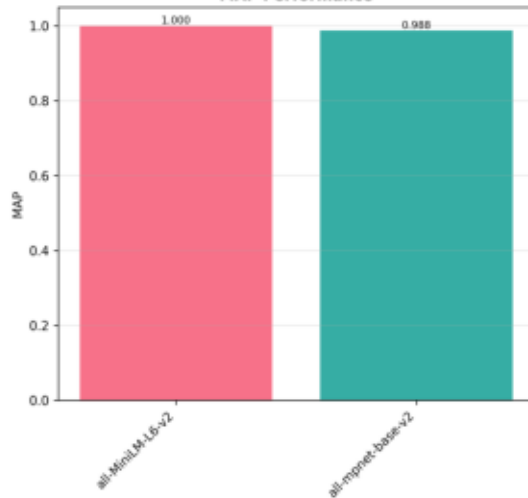
### Precision@10 Performance



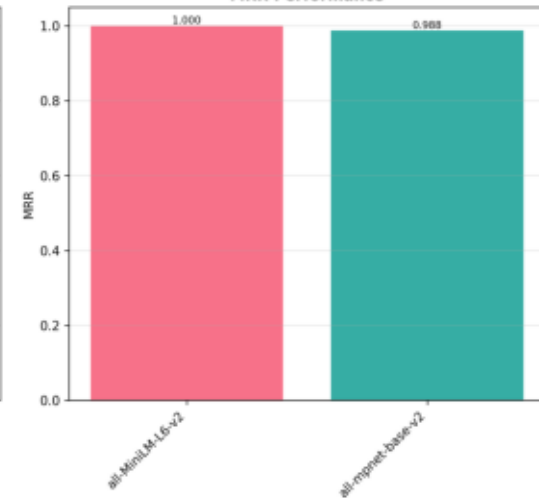
### F1@10 Performance



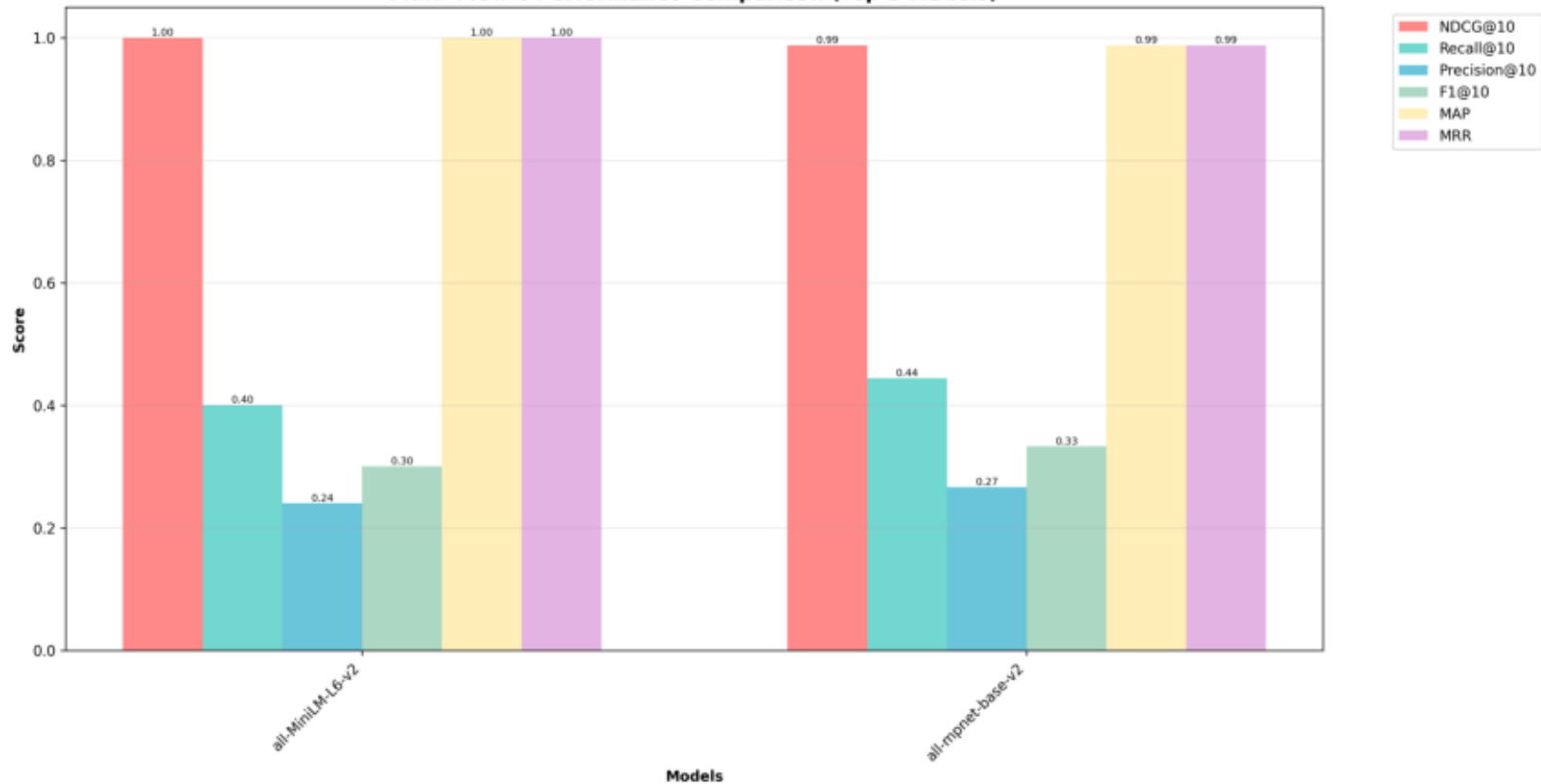
### MAP Performance



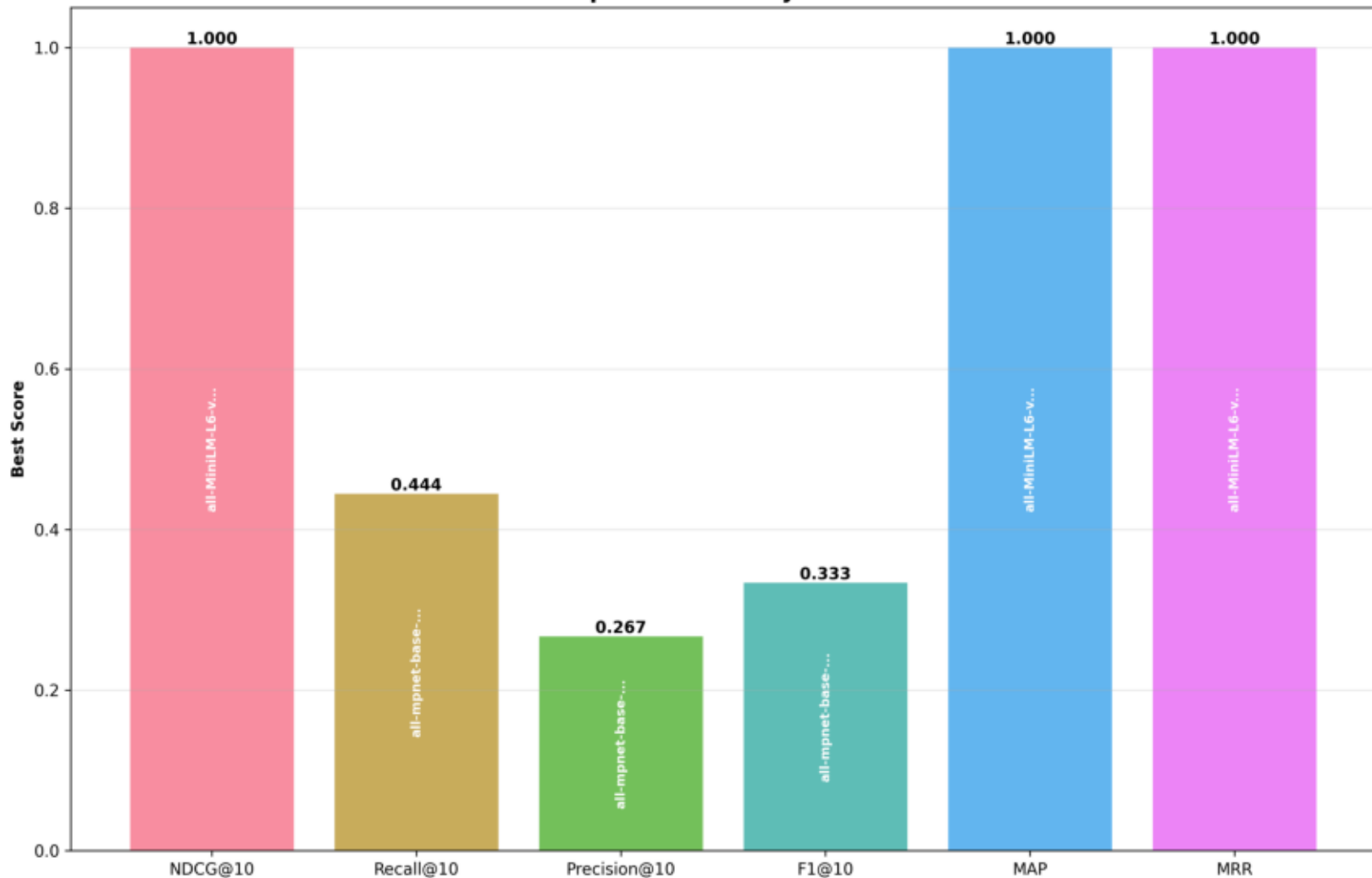
### MRR Performance



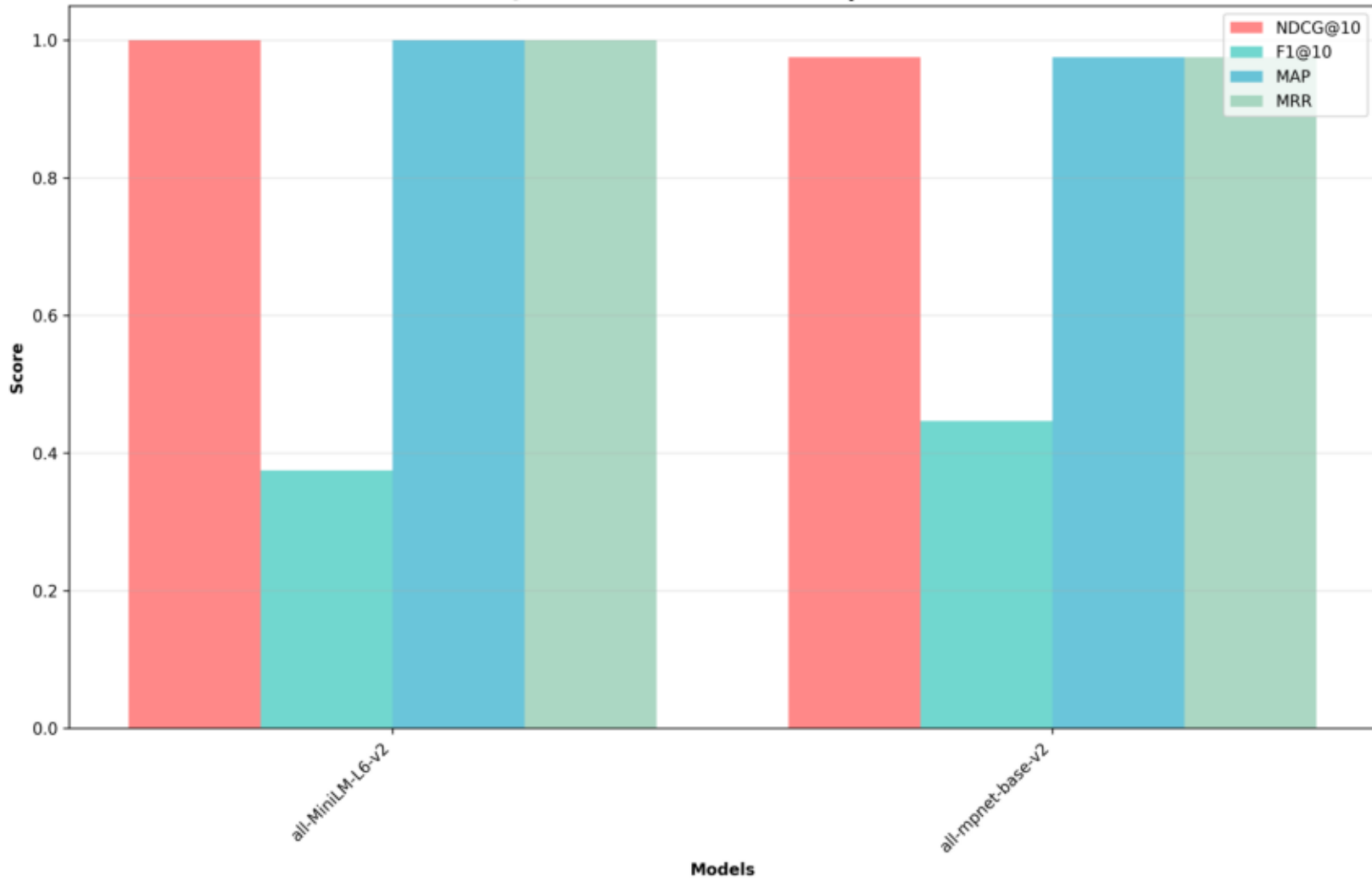
Multi-Metric Performance Comparison (Top 8 Models)



Top Performers by Metric



QUAC Dataset - Model Comparison





TOPICQA Dataset - Model Comparison

