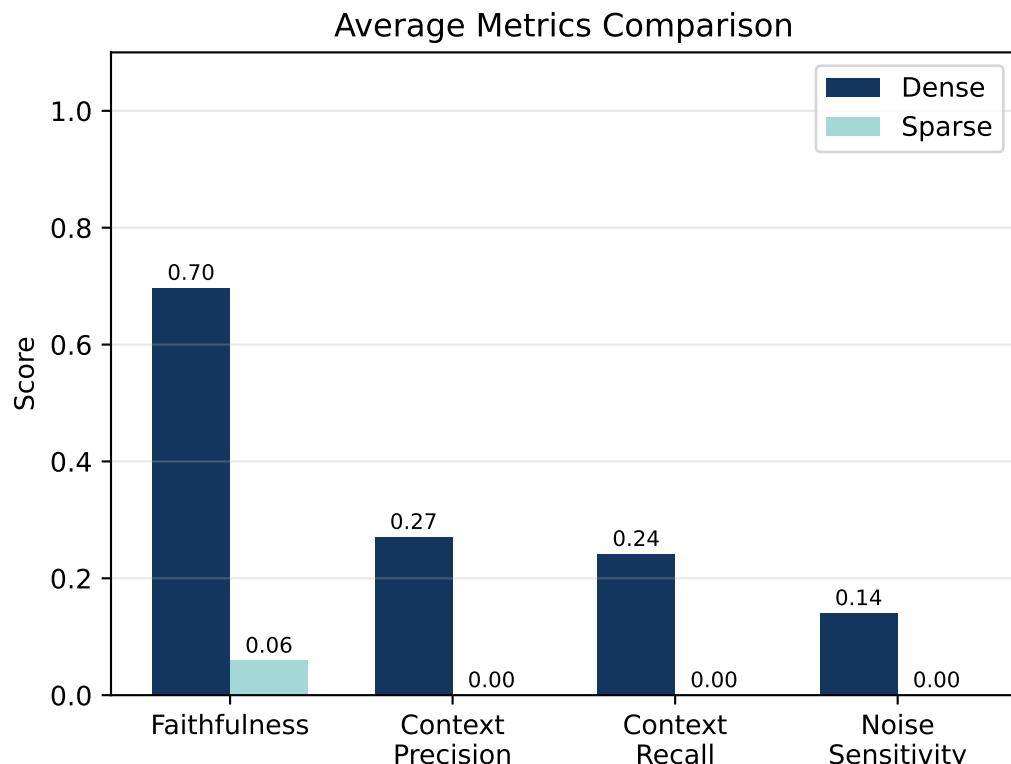
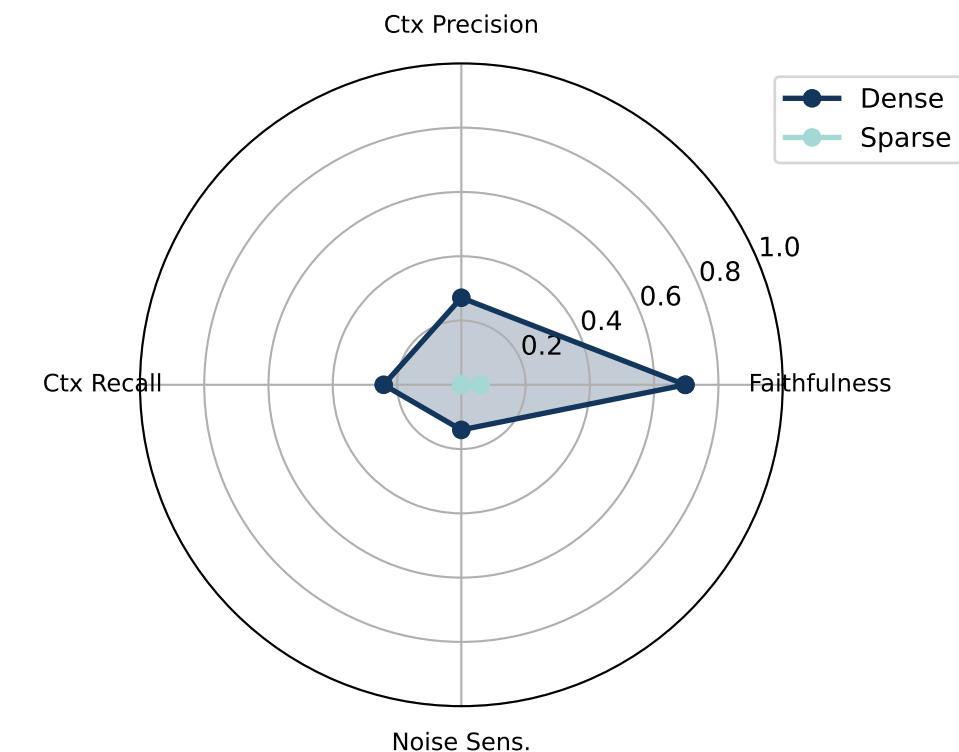


# RAG Dense vs Sparse - Analysis Overview



Comparative Profile



**Average Metrics Summary**

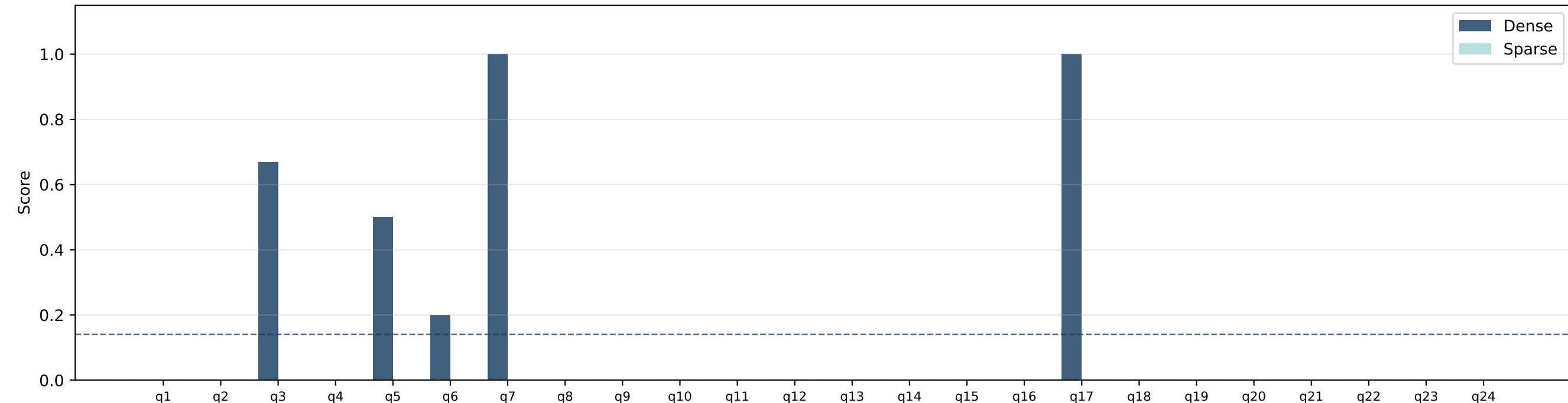
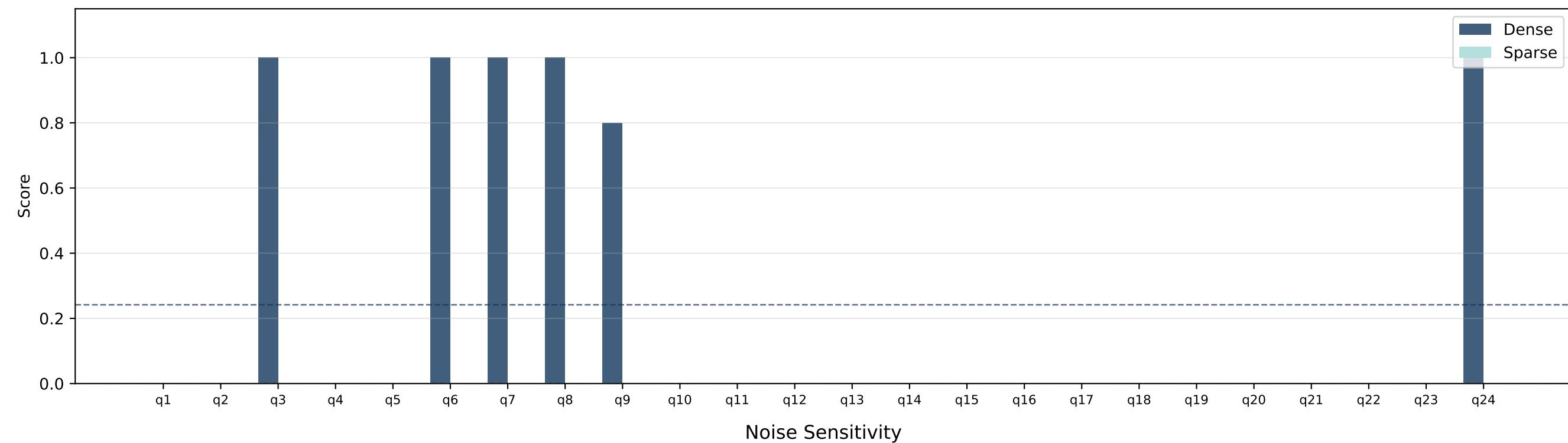
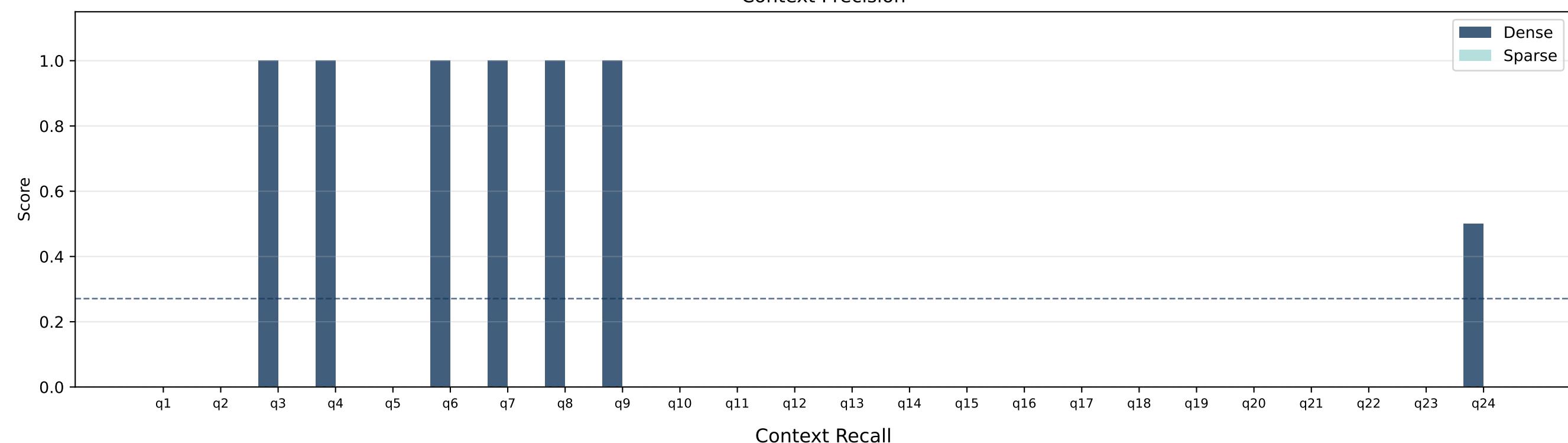
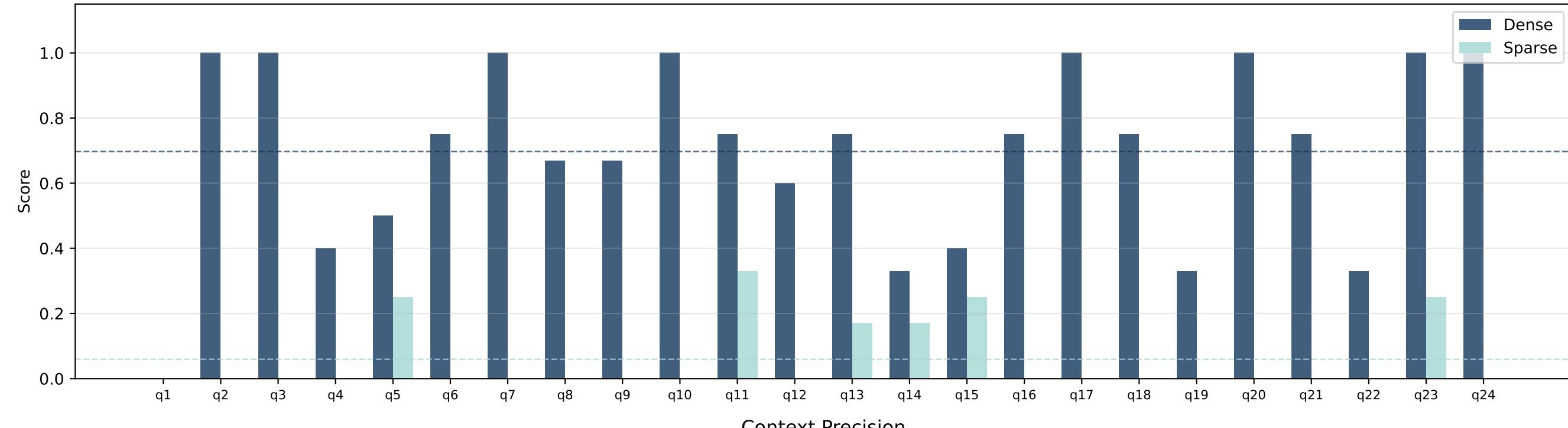
**Descriptive Statistics**

Metric	Dense	Sparse	Difference
Faithfulness	0.697	0.059	0.638
Context Precision	0.271	0.000	0.271
Context Recall	0.242	0.000	0.242
Noise Sensitivity	0.140	0.000	0.140

Metric	Dense $\mu$	Dense $\sigma$	Sparse $\mu$	Sparse $\sigma$	$\Delta (D-S)$
Faithfulness	0.697	0.279	0.059	0.106	0.638
Ctx Precision	0.271	0.433	0.000	0.000	0.271
Ctx Recall	0.242	0.420	0.000	0.000	0.242
Noise Sens.	0.140	0.307	0.000	0.000	0.140

## RAG Dense vs Sparse - Metric Breakdown by Question

Faithfulness



# RAG Dense vs Sparse - Performance by Question Category

