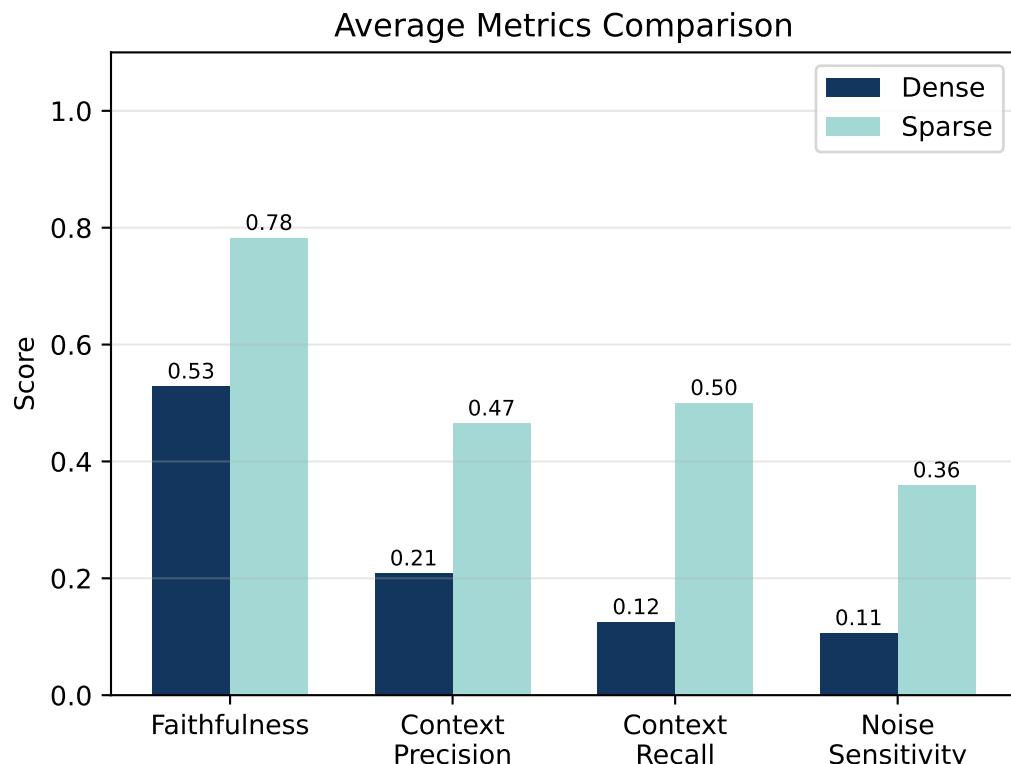
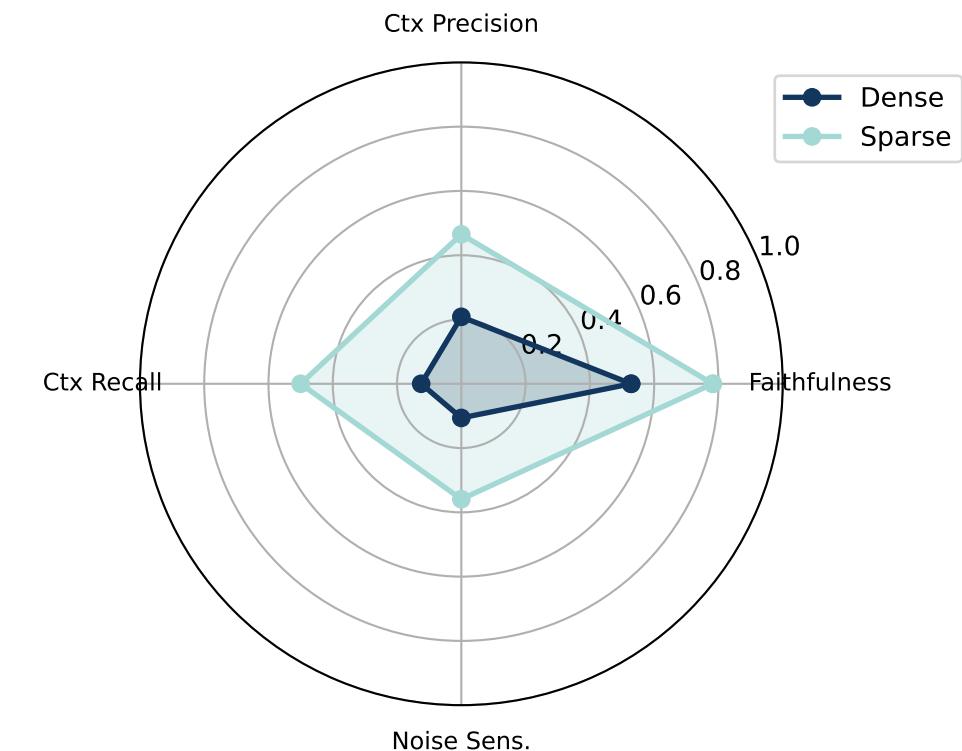


RAG Dense vs Sparse - Analysis Overview



Comparative Profile



Average Metrics Summary

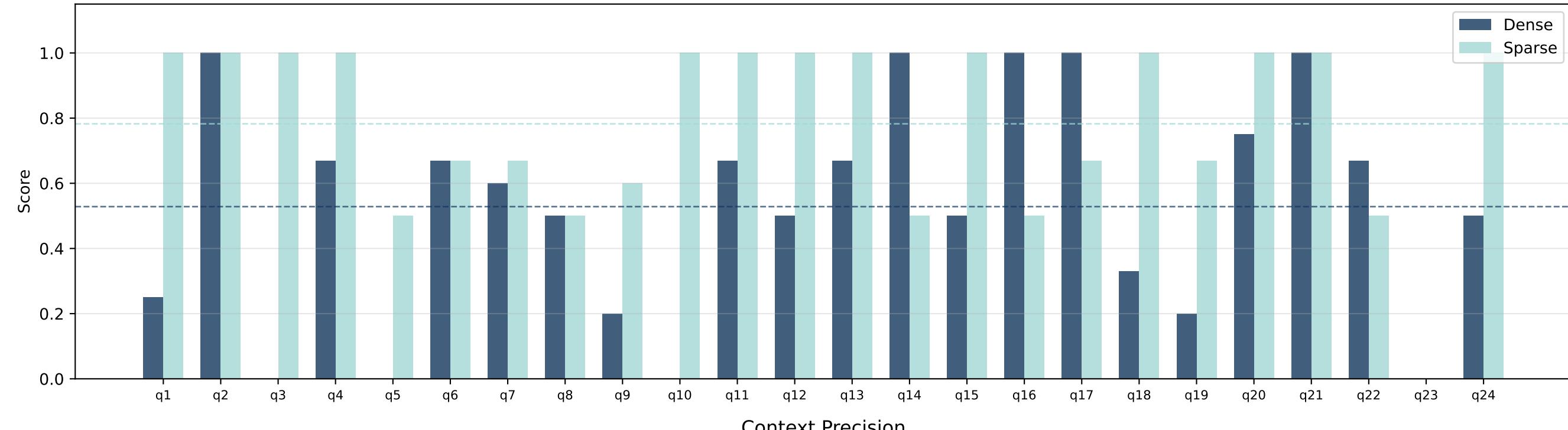
Descriptive Statistics

Metric	Dense	Sparse	Difference
Faithfulness	0.528	0.783	-0.254
Context Precision	0.208	0.465	-0.257
Context Recall	0.125	0.500	-0.375
Noise Sensitivity	0.106	0.359	-0.253

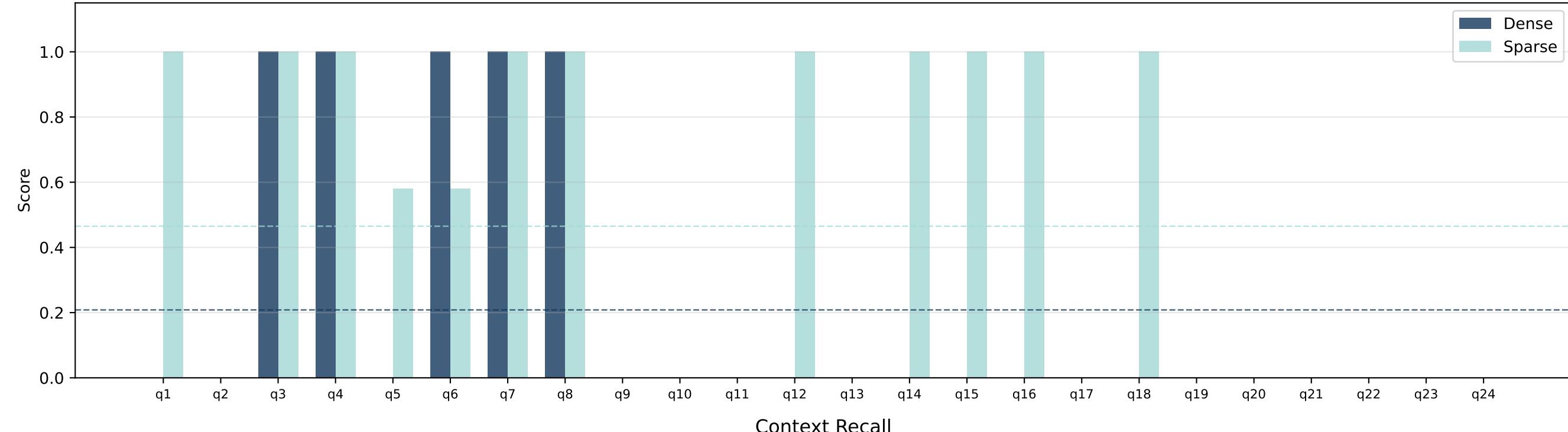
Metric	Dense μ	Dense σ	Sparse μ	Sparse σ	$\Delta (D-S)$
Faithfulness	0.528	0.337	0.783	0.267	-0.254
Ctx Precision	0.208	0.406	0.465	0.478	-0.257
Ctx Recall	0.125	0.331	0.500	0.500	-0.375
Noise Sens.	0.106	0.244	0.359	0.419	-0.253

RAG Dense vs Sparse - Metric Breakdown by Question

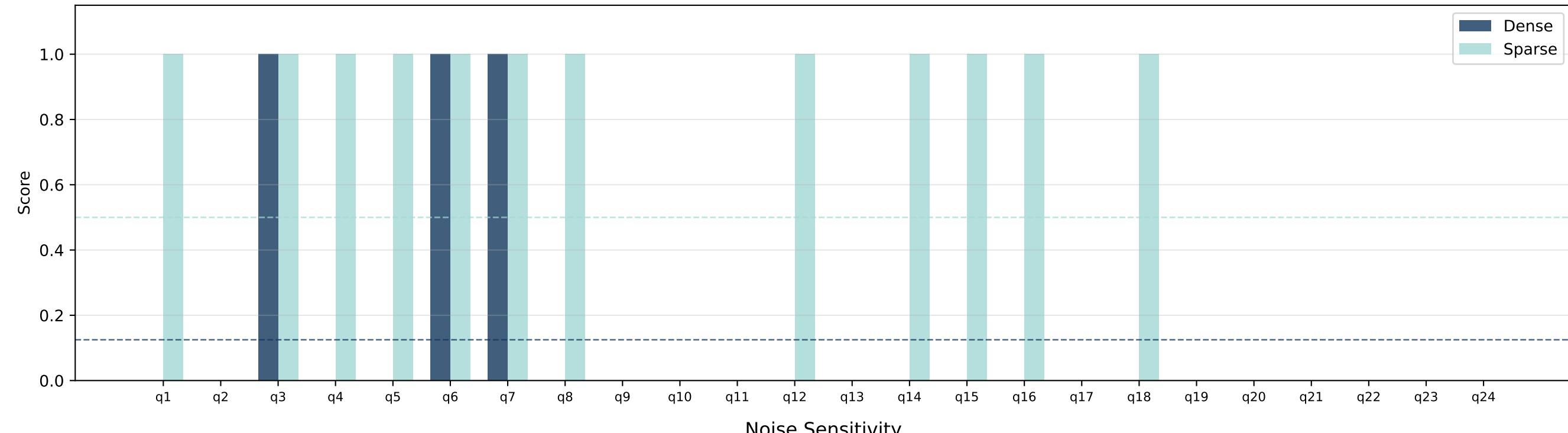
Faithfulness



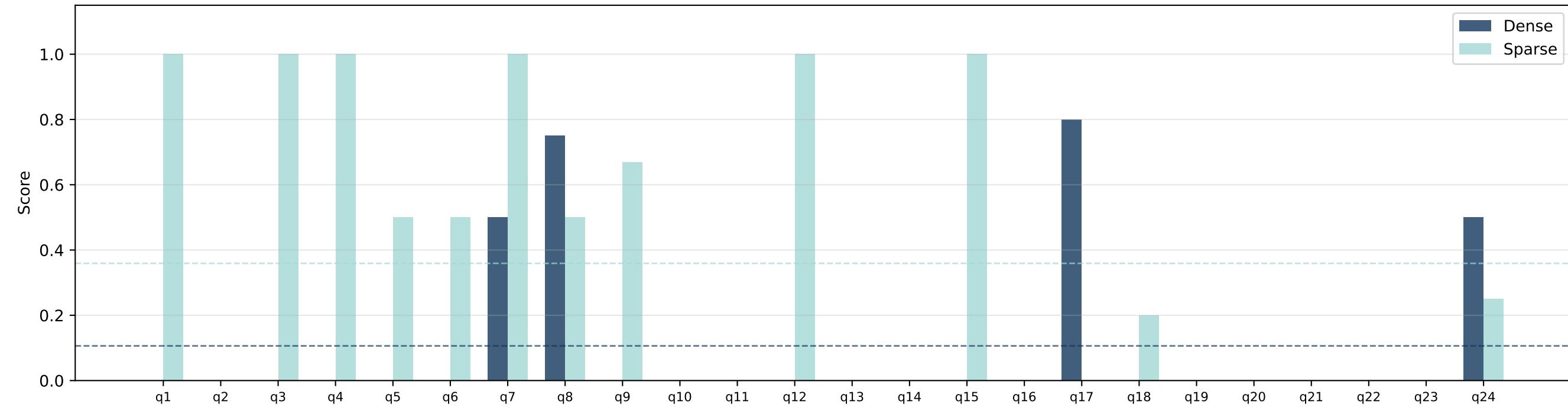
Context Precision



Context Recall



Noise Sensitivity



RAG Dense vs Sparse - Performance by Question Category

