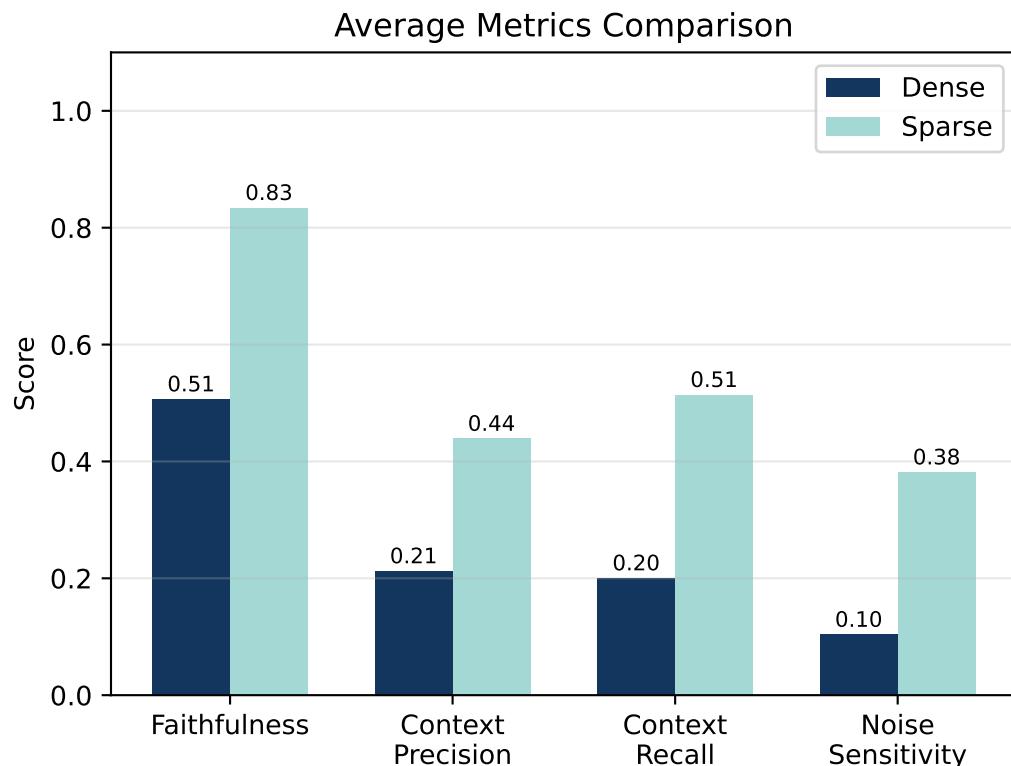
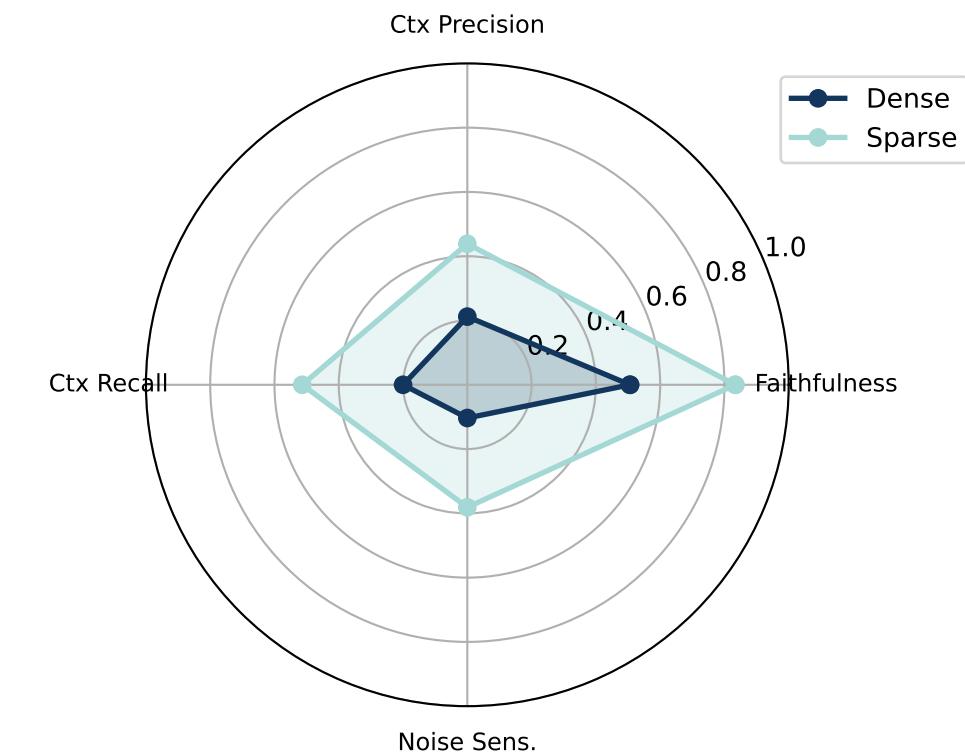


RAG Dense vs Sparse - Analysis Overview



Comparative Profile



Average Metrics Summary

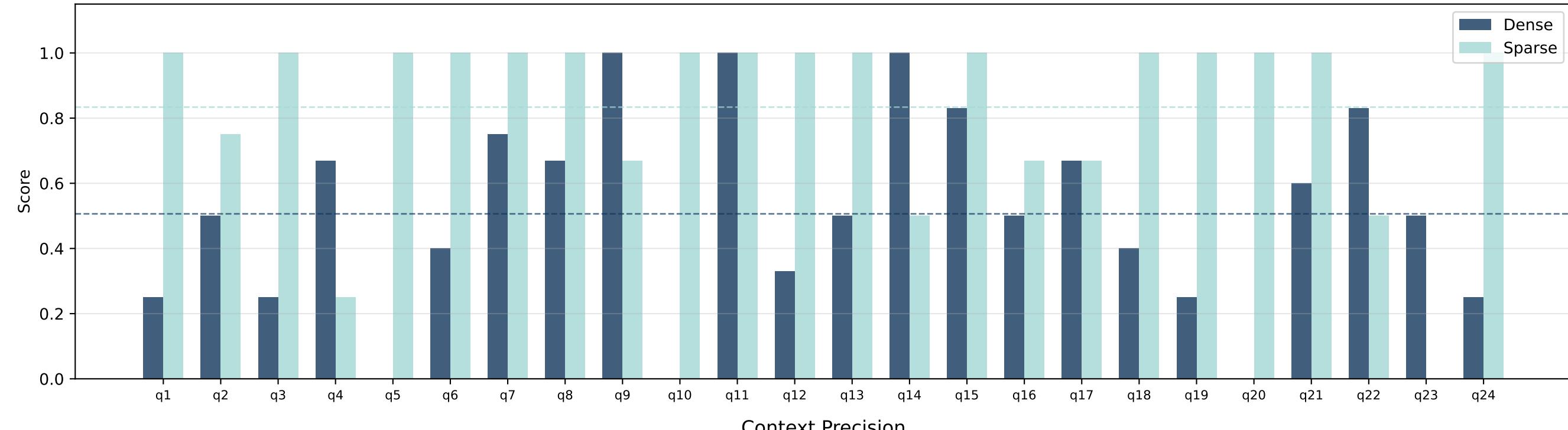
Descriptive Statistics

Metric	Dense	Sparse	Difference
Faithfulness	0.506	0.834	-0.327
Context Precision	0.212	0.439	-0.227
Context Recall	0.200	0.514	-0.314
Noise Sensitivity	0.103	0.381	-0.278

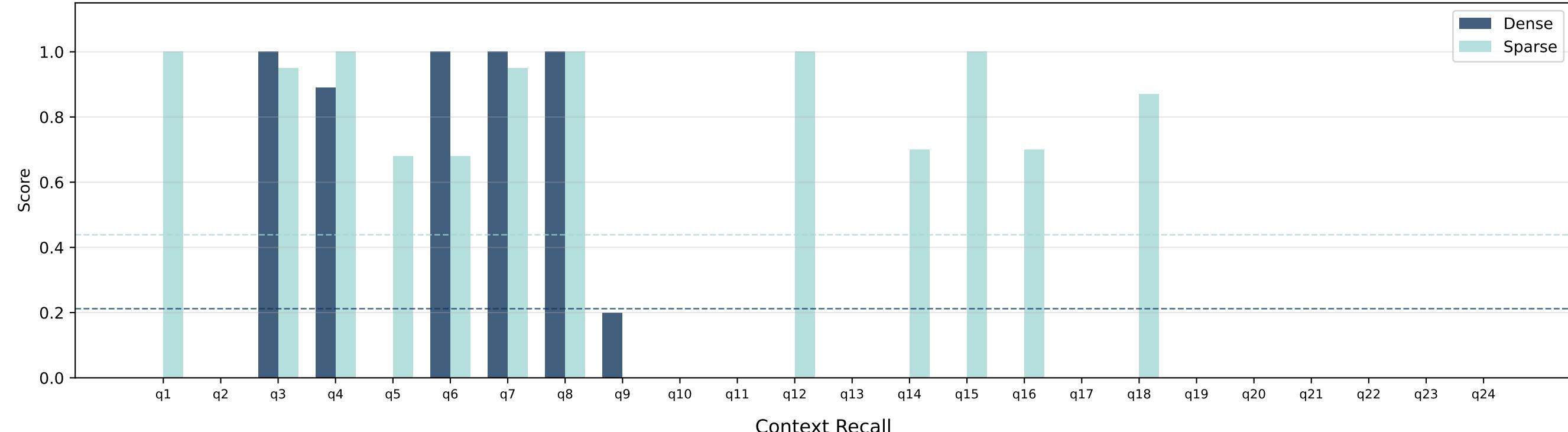
Metric	Dense μ	Dense σ	Sparse μ	Sparse σ	$\Delta (D-S)$
Faithfulness	0.506	0.301	0.834	0.273	-0.327
Ctx Precision	0.212	0.395	0.439	0.449	-0.227
Ctx Recall	0.200	0.392	0.514	0.491	-0.314
Noise Sens.	0.103	0.212	0.381	0.449	-0.278

RAG Dense vs Sparse - Metric Breakdown by Question

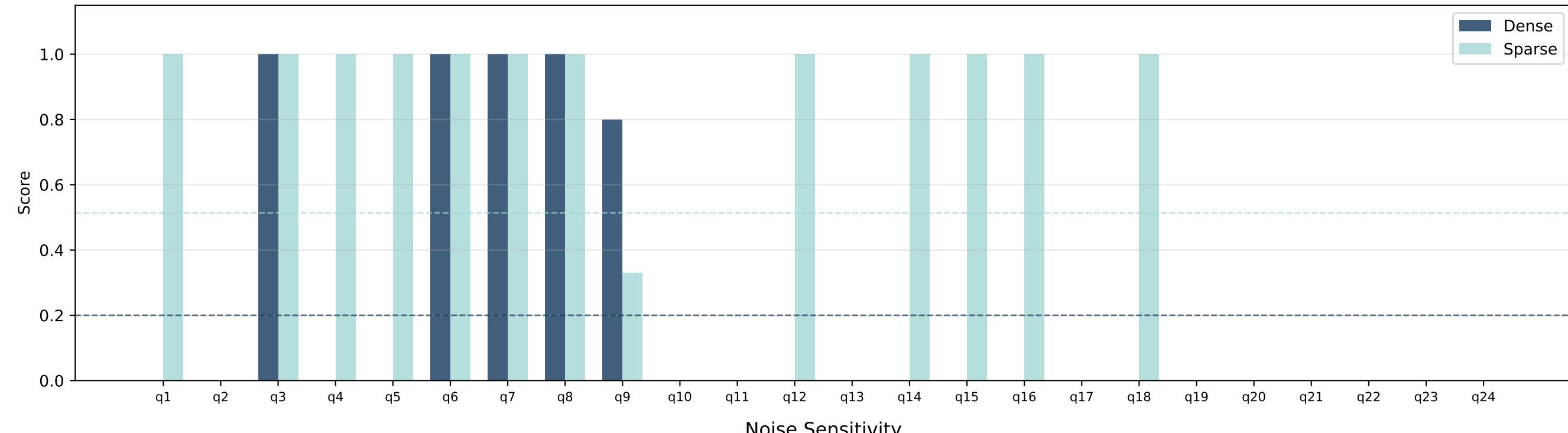
Faithfulness



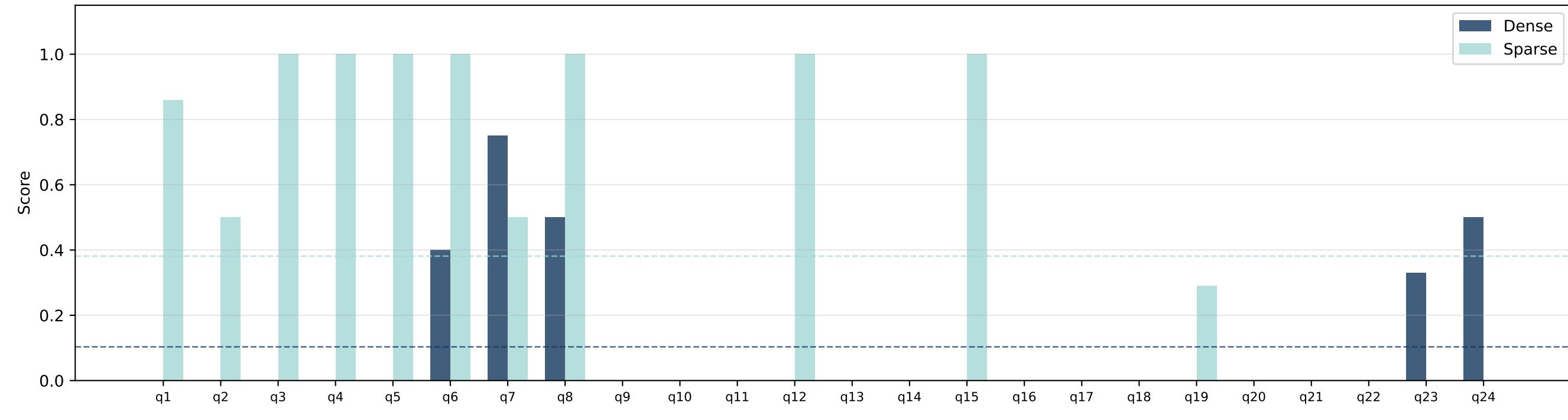
Context Precision



Context Recall



Noise Sensitivity



RAG Dense vs Sparse - Performance by Question Category

