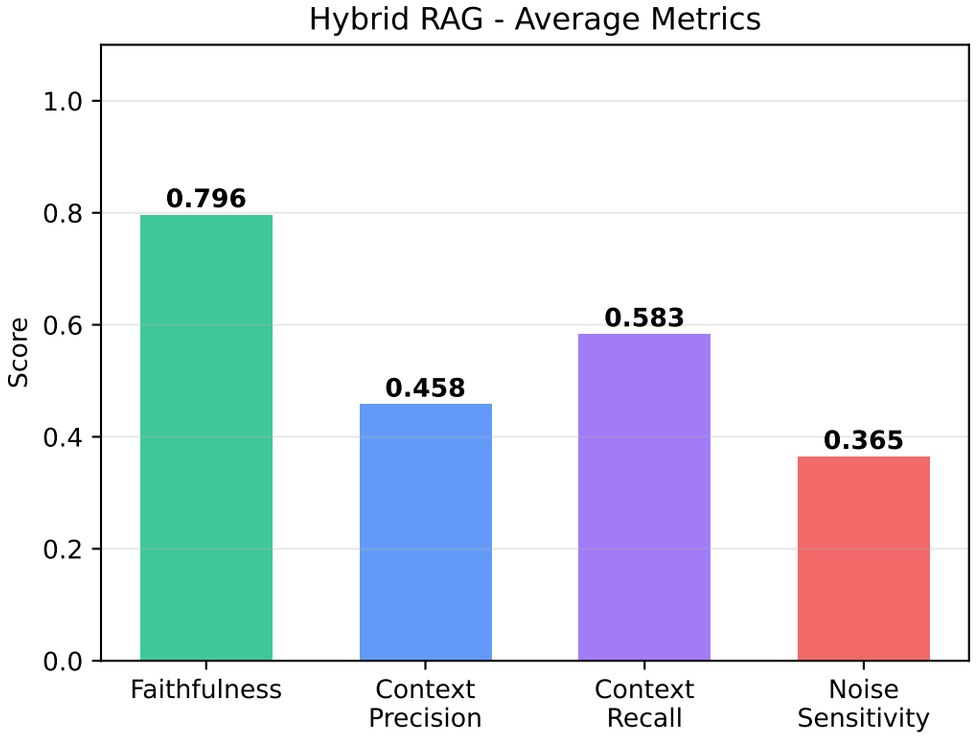
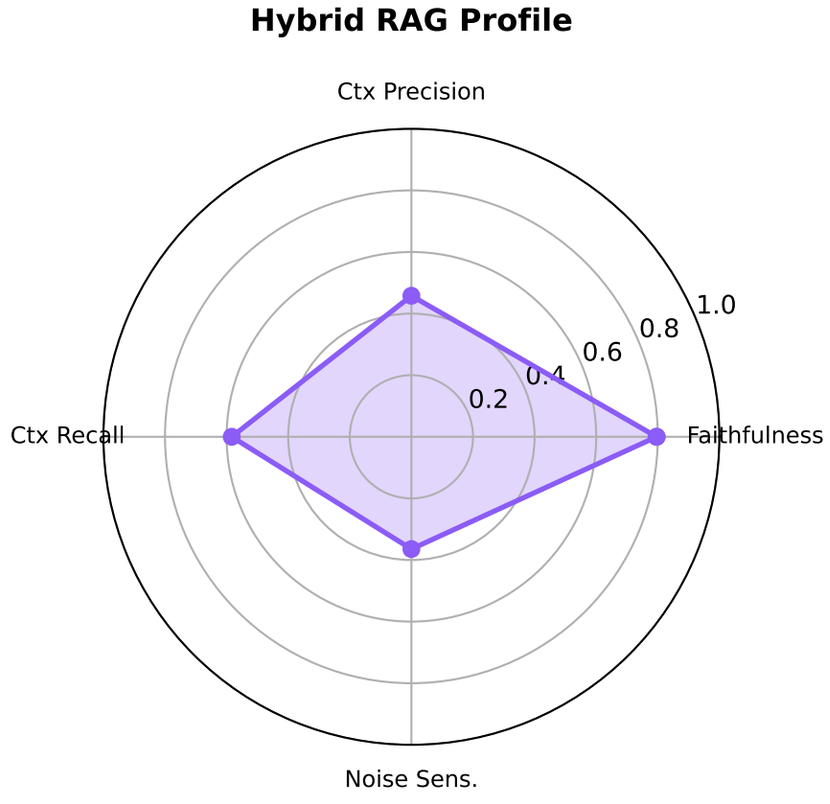
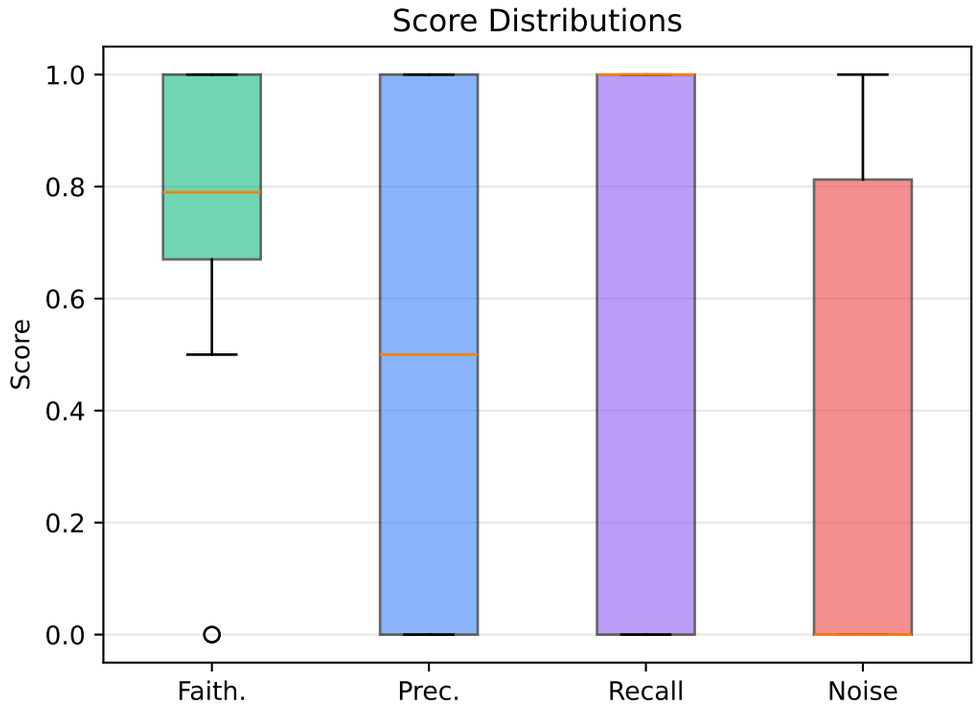
Hybrid RAG - Performance Analysis Overview



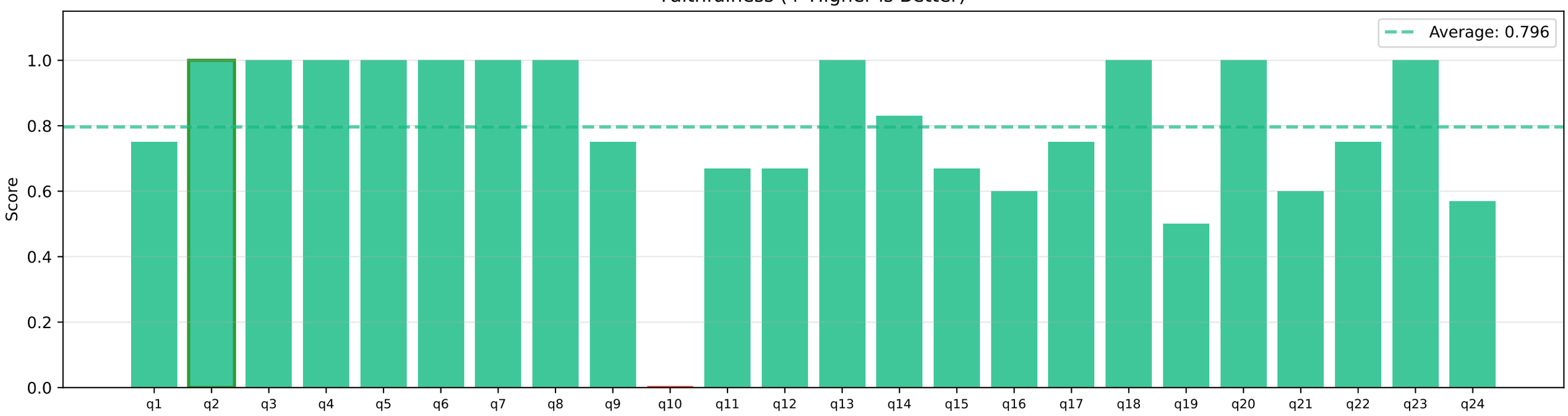


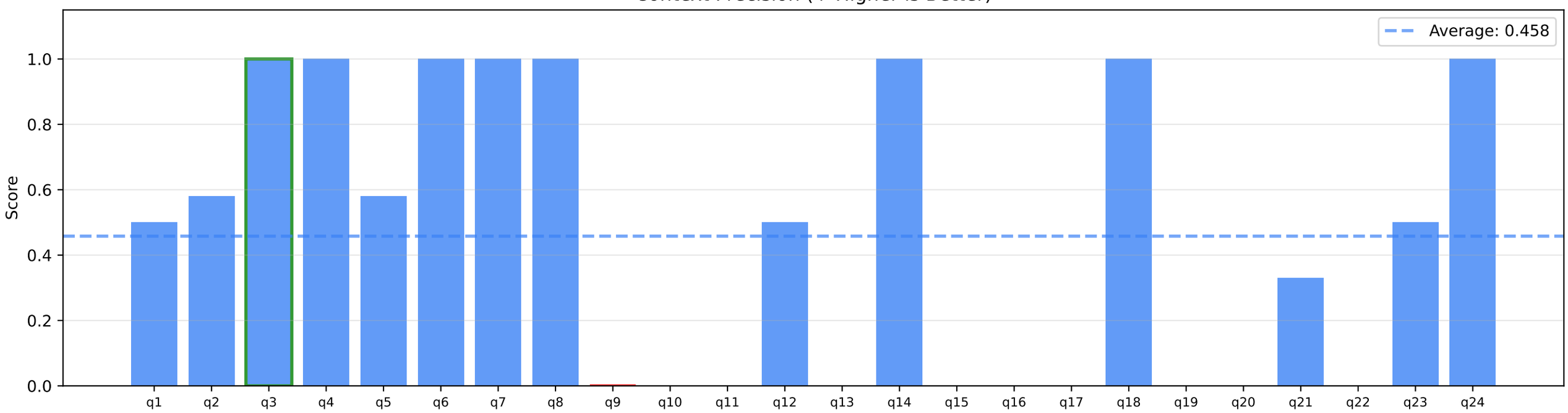
Descriptive Statistics

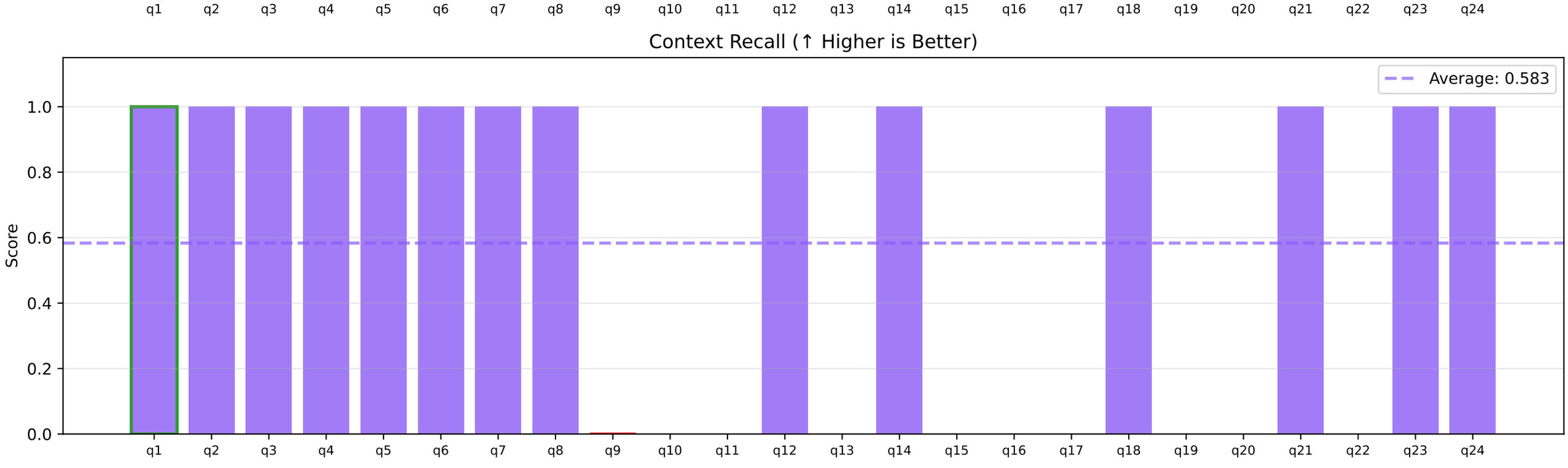
Metric	Average	Median	Std Dev	Min	Max
Faithfulness	0.796	0.790	0.238	0.000	1.000
Context Precisio	0.458	0.500	0.433	0.000	1.000
Context Recall	0.583	1.000	0.493	0.000	1.000
Noise Sensitivity	0.365	0.000	0.430	0.000	1.000

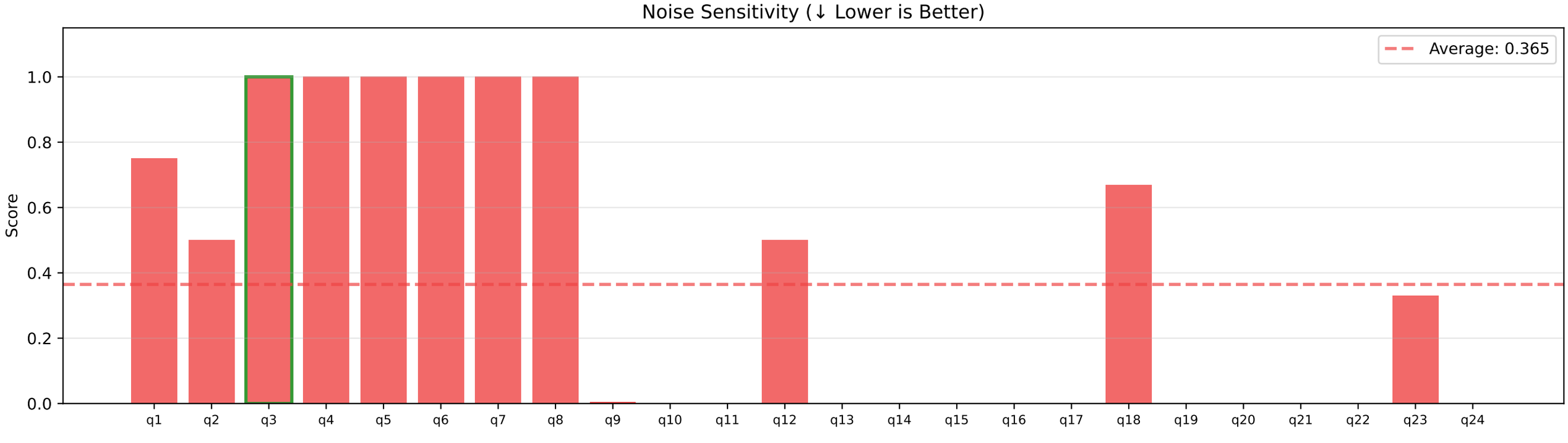


Hybrid RAG - Metric Performance by Question

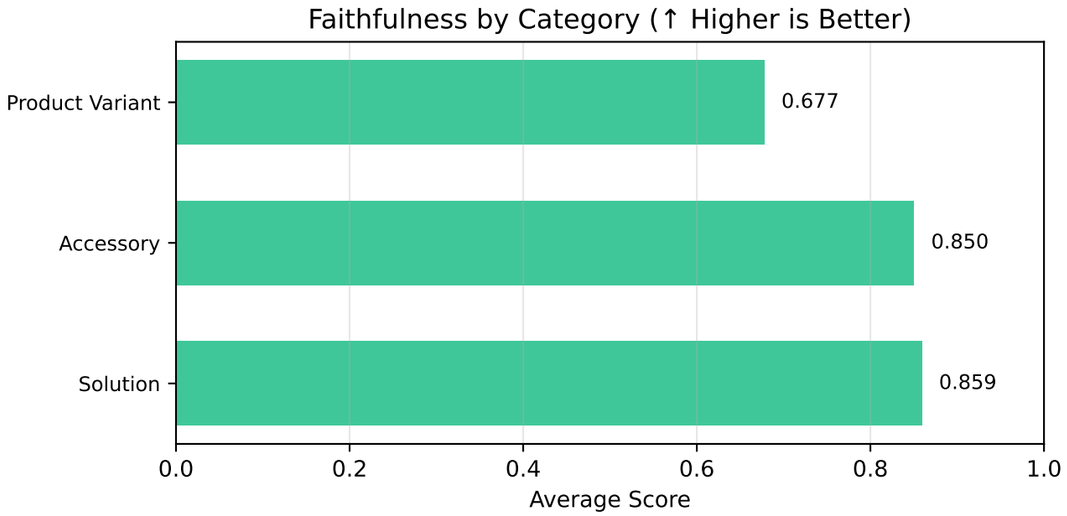


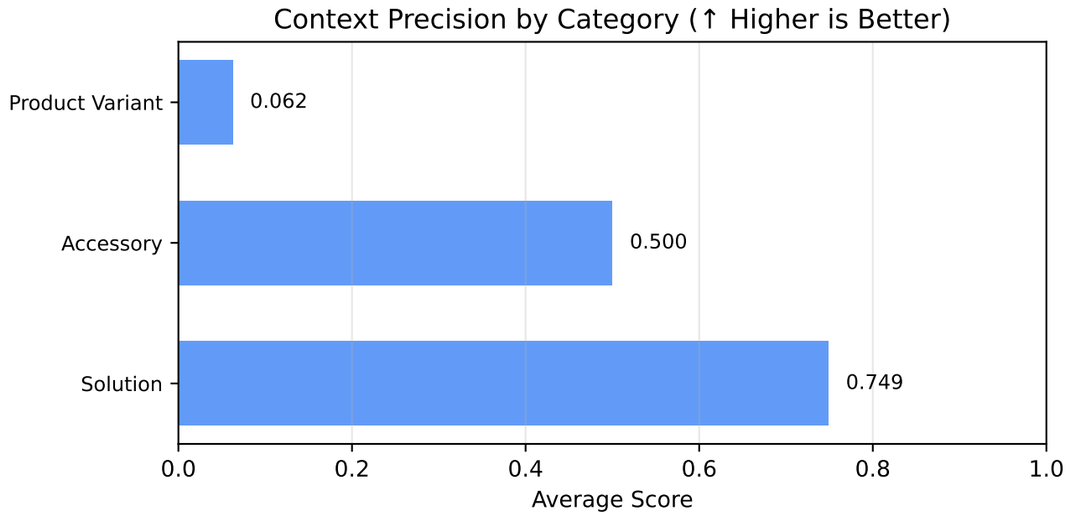


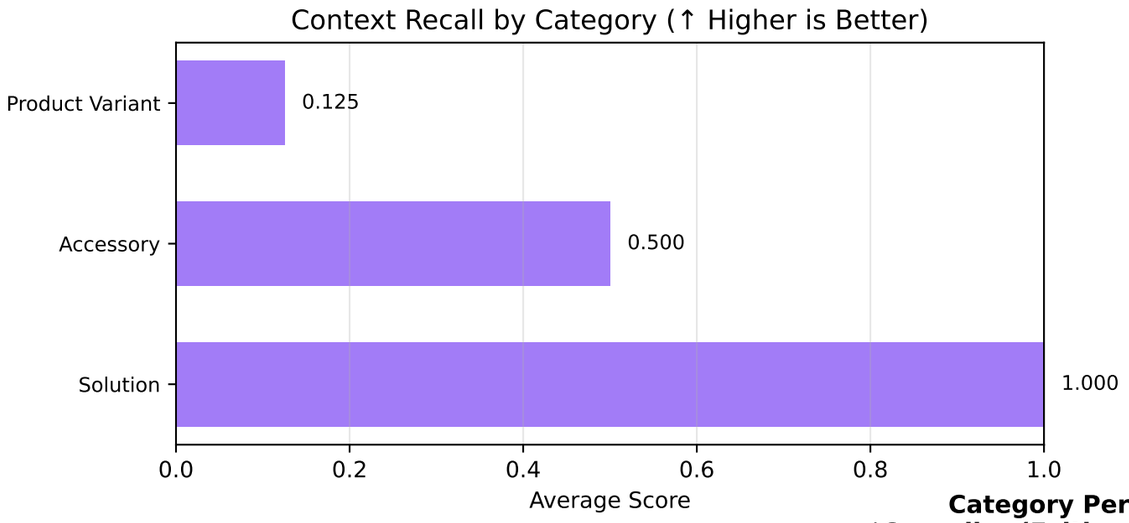


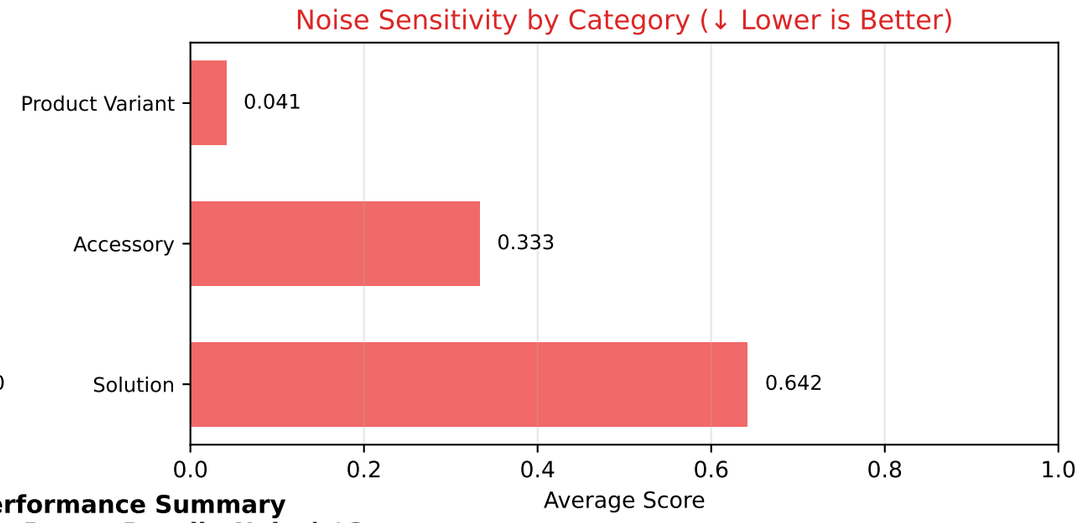


Hybrid RAG - Performance by Question Category







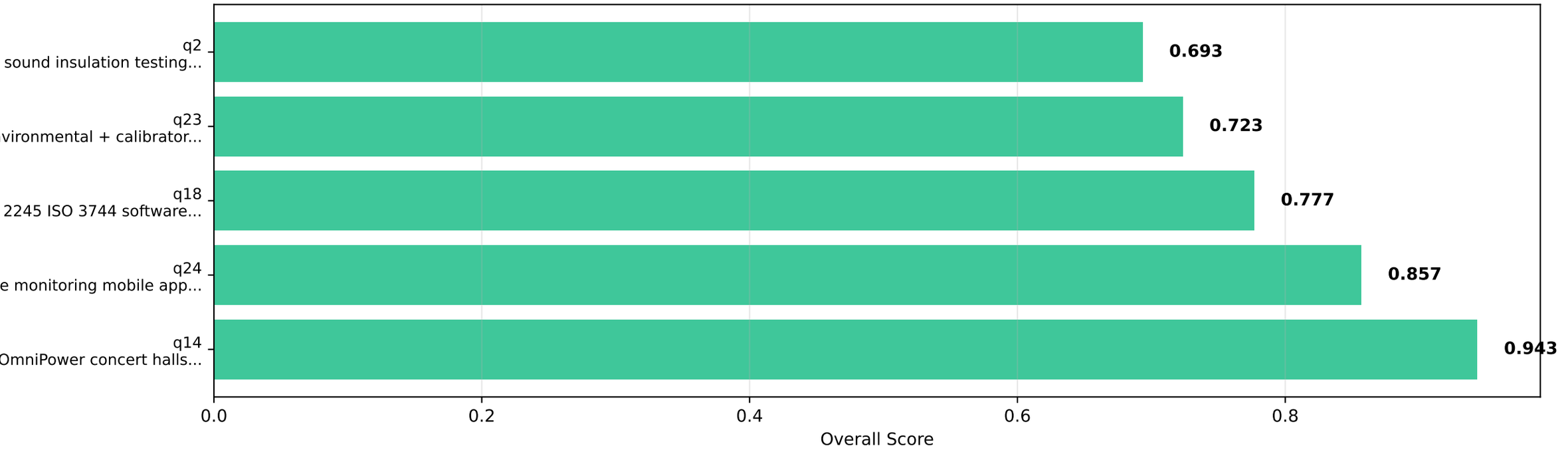
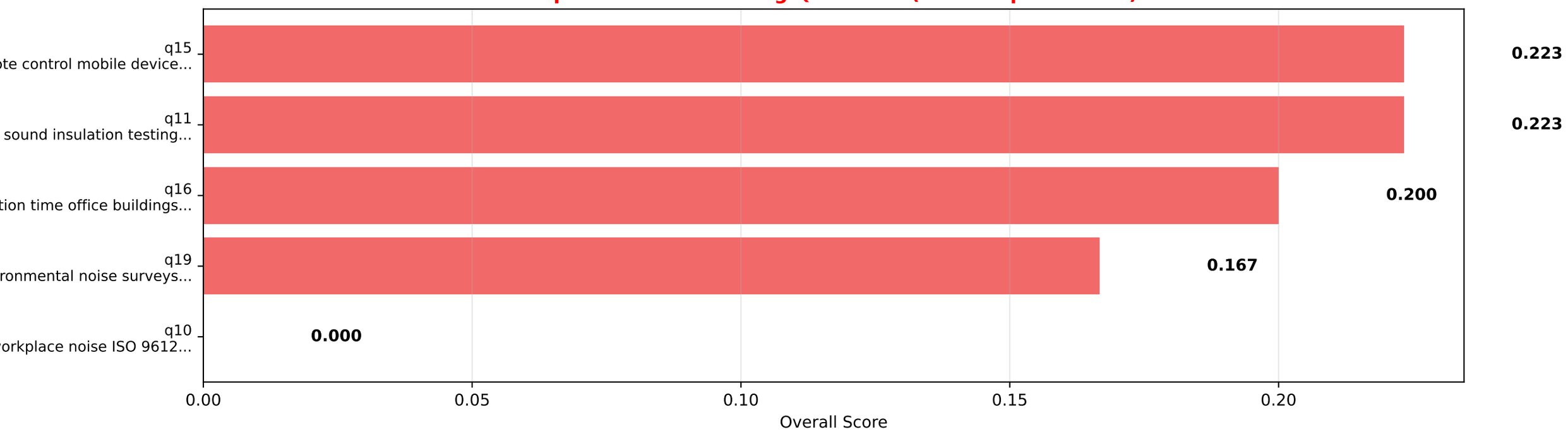


Category Performance Summary
***Overall = (Faith + Prec + Recall - Noise) / 3**

Category	Questions	Faithfulness	Ctx Precision	Ctx Recall	Noise Sens.	Overall Score*
Solution	10	0.859	0.749	1.000	0.642	0.655
Accessory	6	0.850	0.500	0.500	0.333	0.506
Product Variant	8	0.677	0.062	0.125	0.041	0.275

Hybrid RAG - Best & Worst Performing Questions

Top 5 Best Performing Questions



Top 5 Worst Performing Questions (Need Improvement)