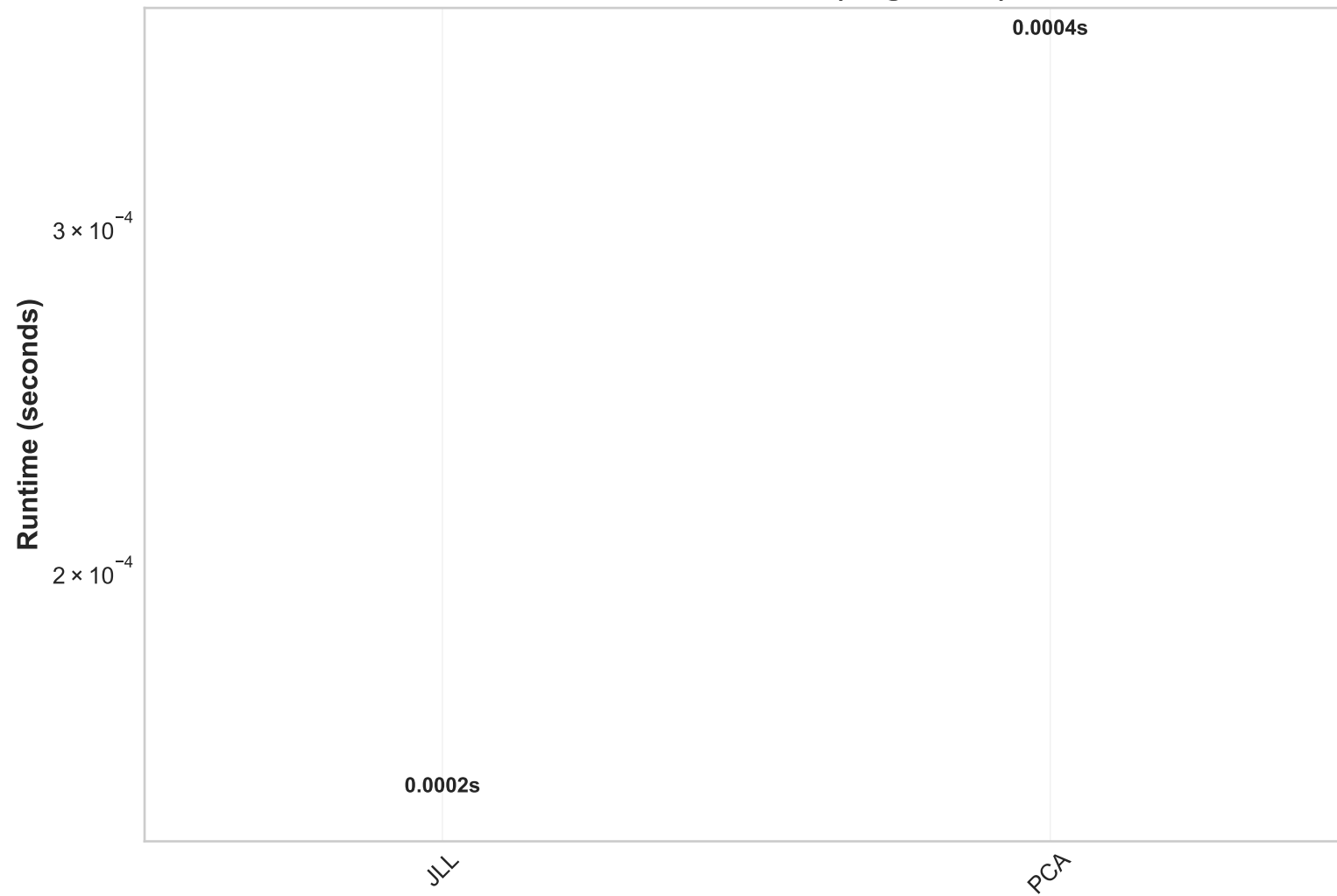
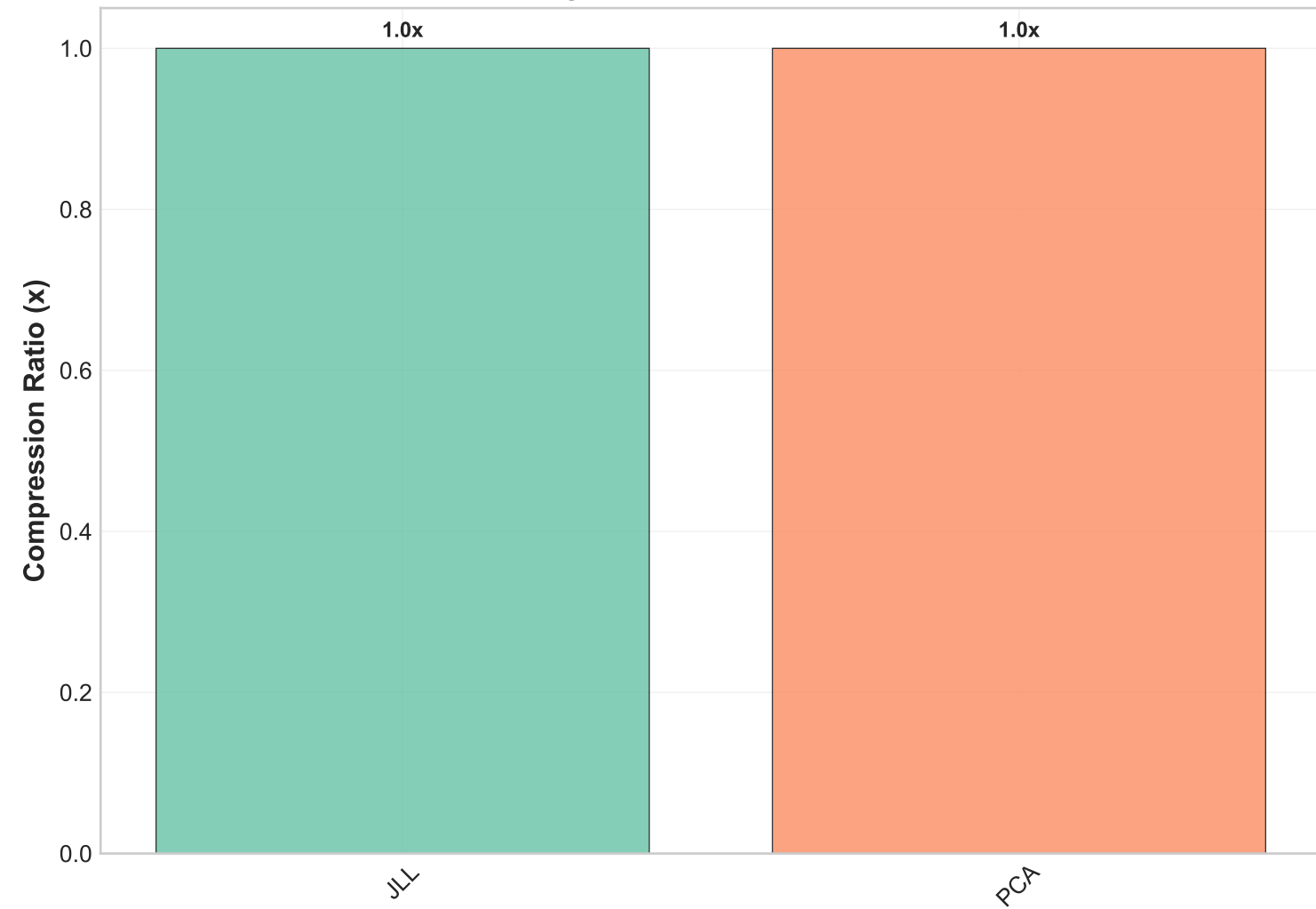


OrthoReduce Performance Dashboard

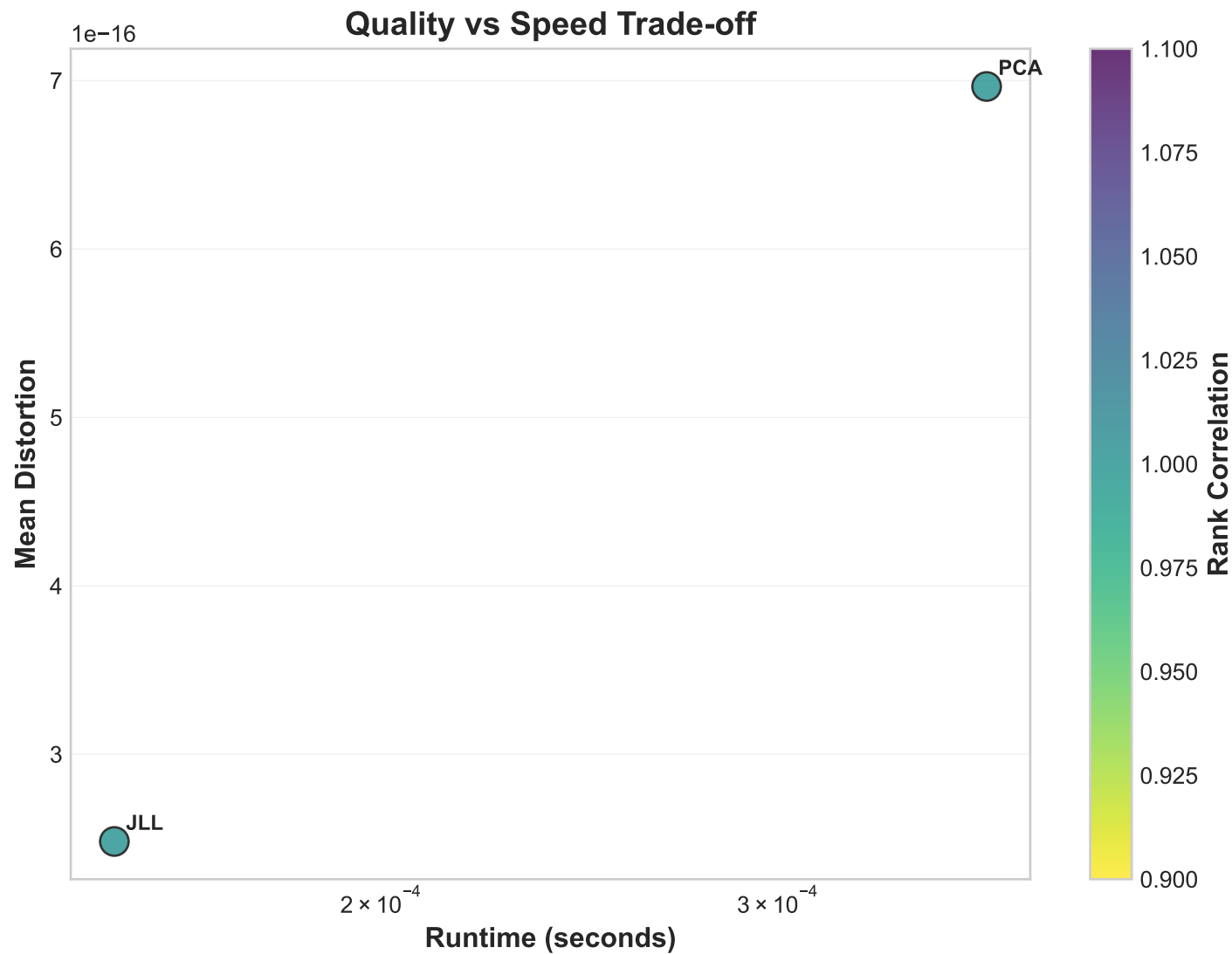
Runtime Performance (Log Scale)



Compression Effectiveness



Quality vs Speed Trade-off

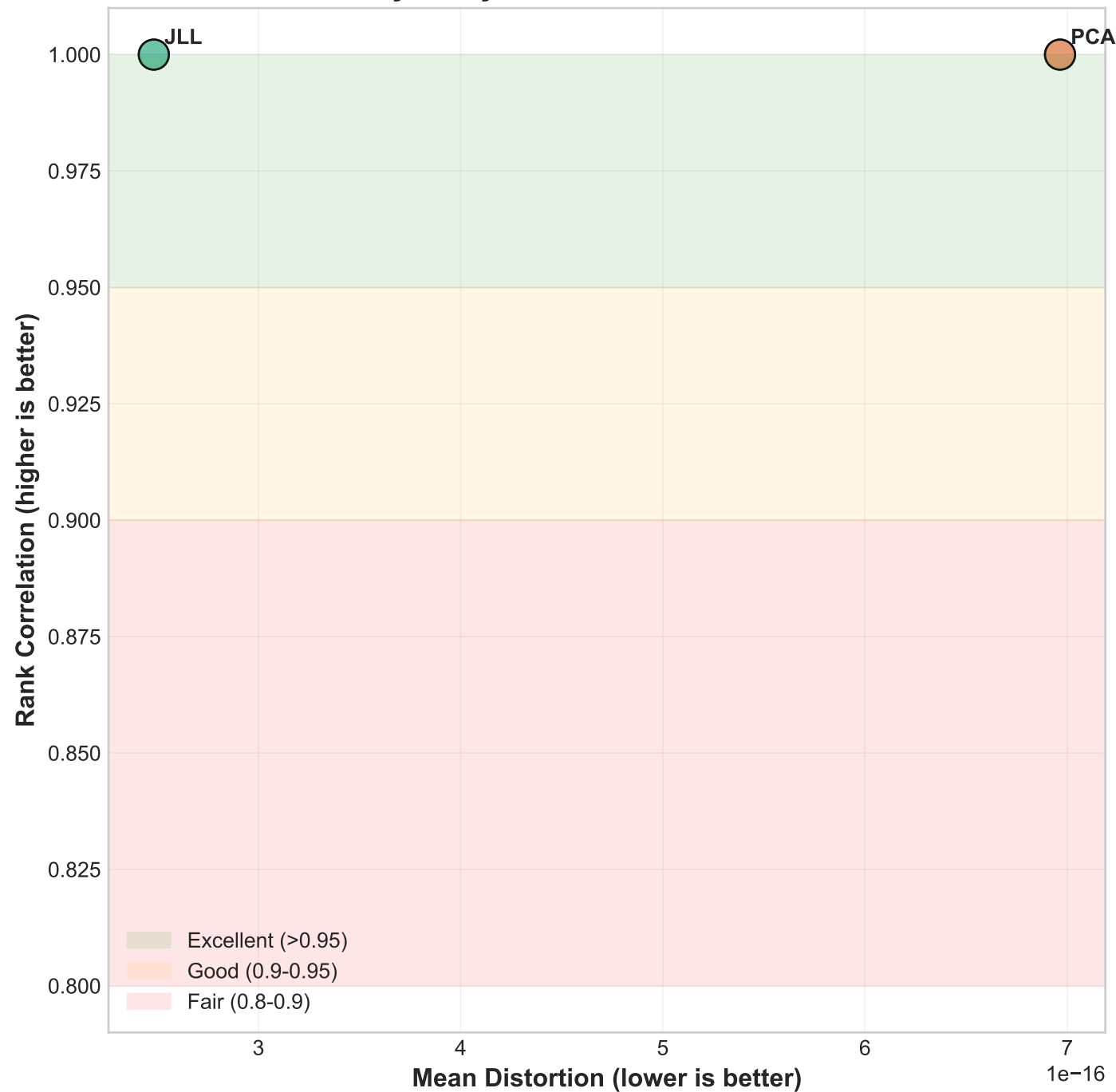


Overall Quality Assessment

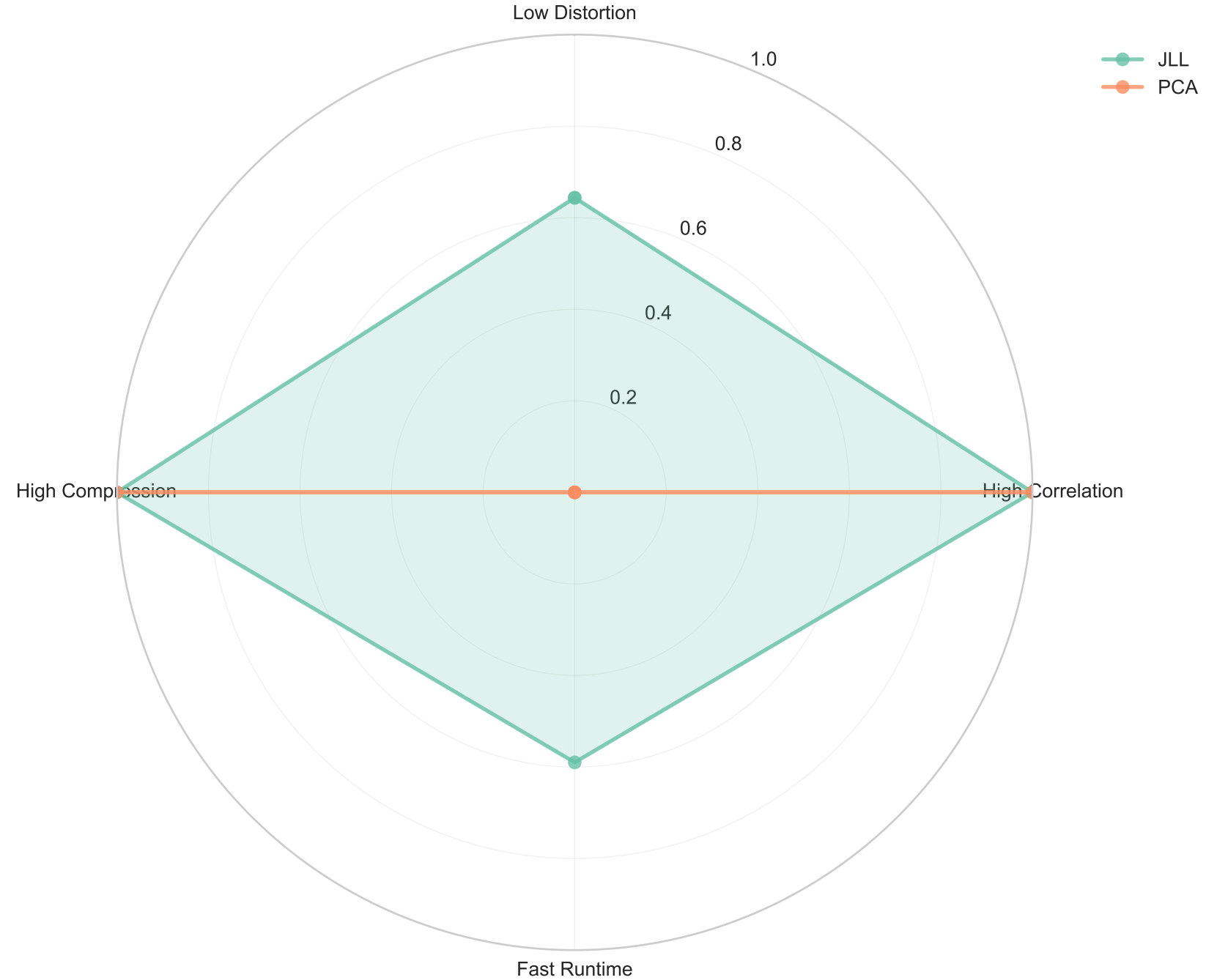


Method Comparison Analysis

Quality Analysis: Distortion vs Correlation



Multi-Metric Performance Radar



Detailed Results Summary						
Method	Runtime	Compression	Mean Distortion	Max Distortion	Rank Correlation	Quality Grade
JLL	0.0002s	1.00x	0.0000	0.0000	1.0000	EXCELLENT
PCA	0.0004s	1.00x	0.0000	0.0000	1.0000	EXCELLENT

Experiment Configuration:
Dataset: 200 points, 30 dimensions → 30 dimensions
Compression: 1.00x reduction
Epsilon: 0.2
Intrinsic Dimension: 21
Optimization: Adaptive