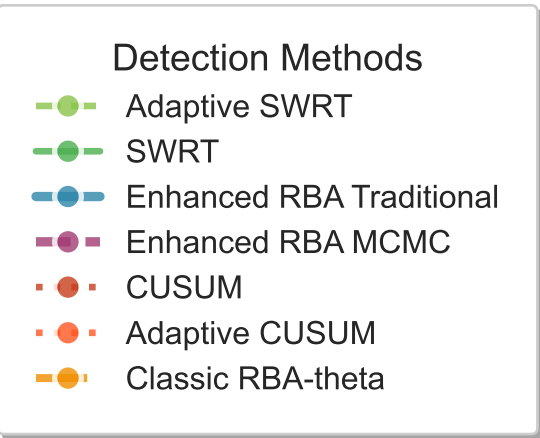
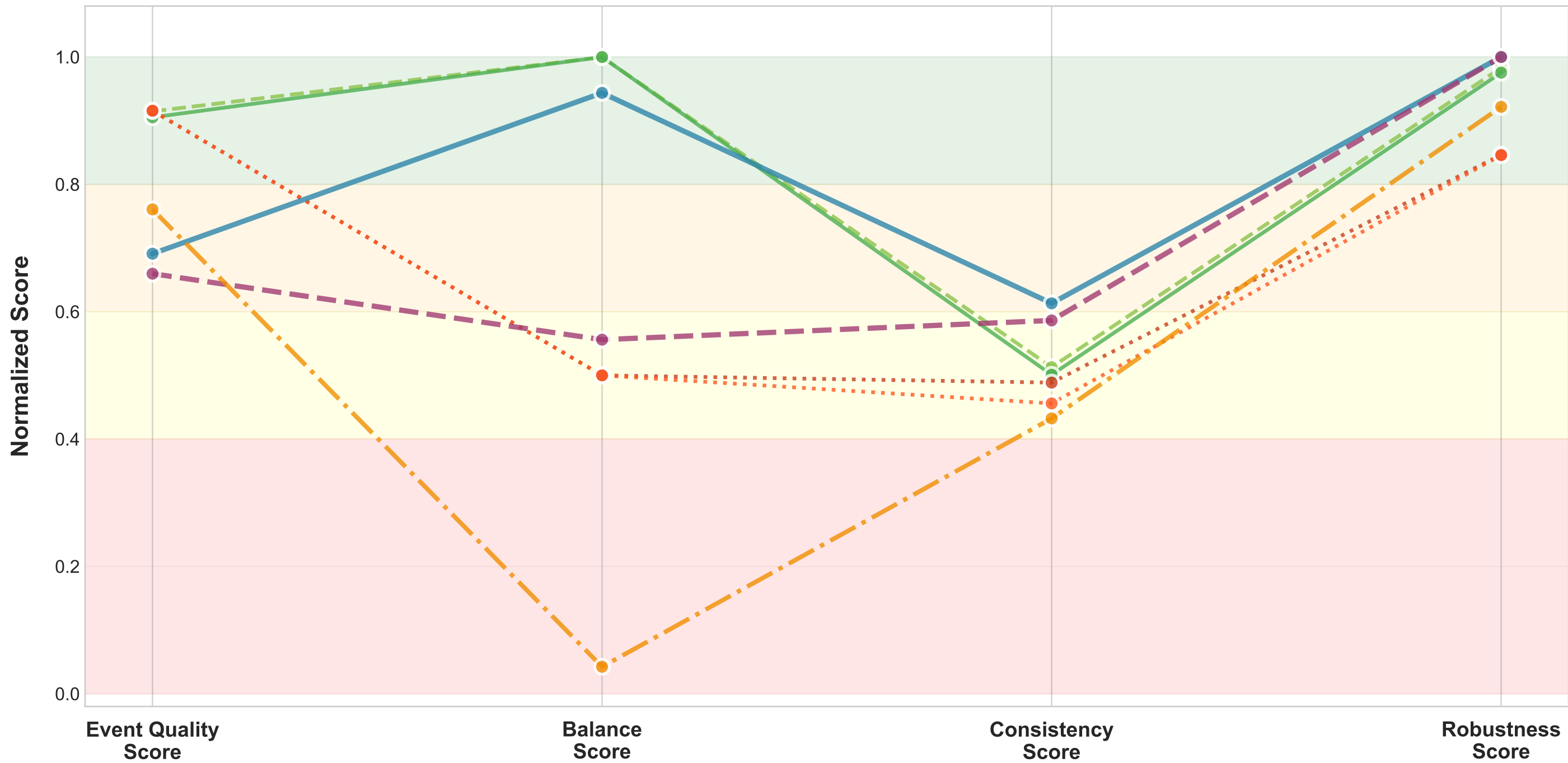
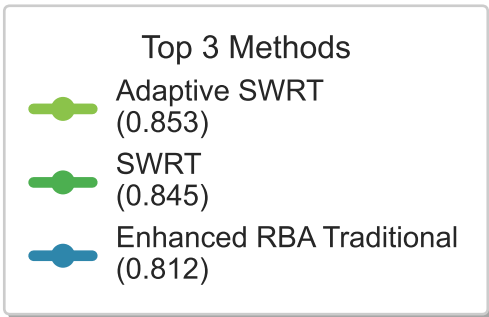
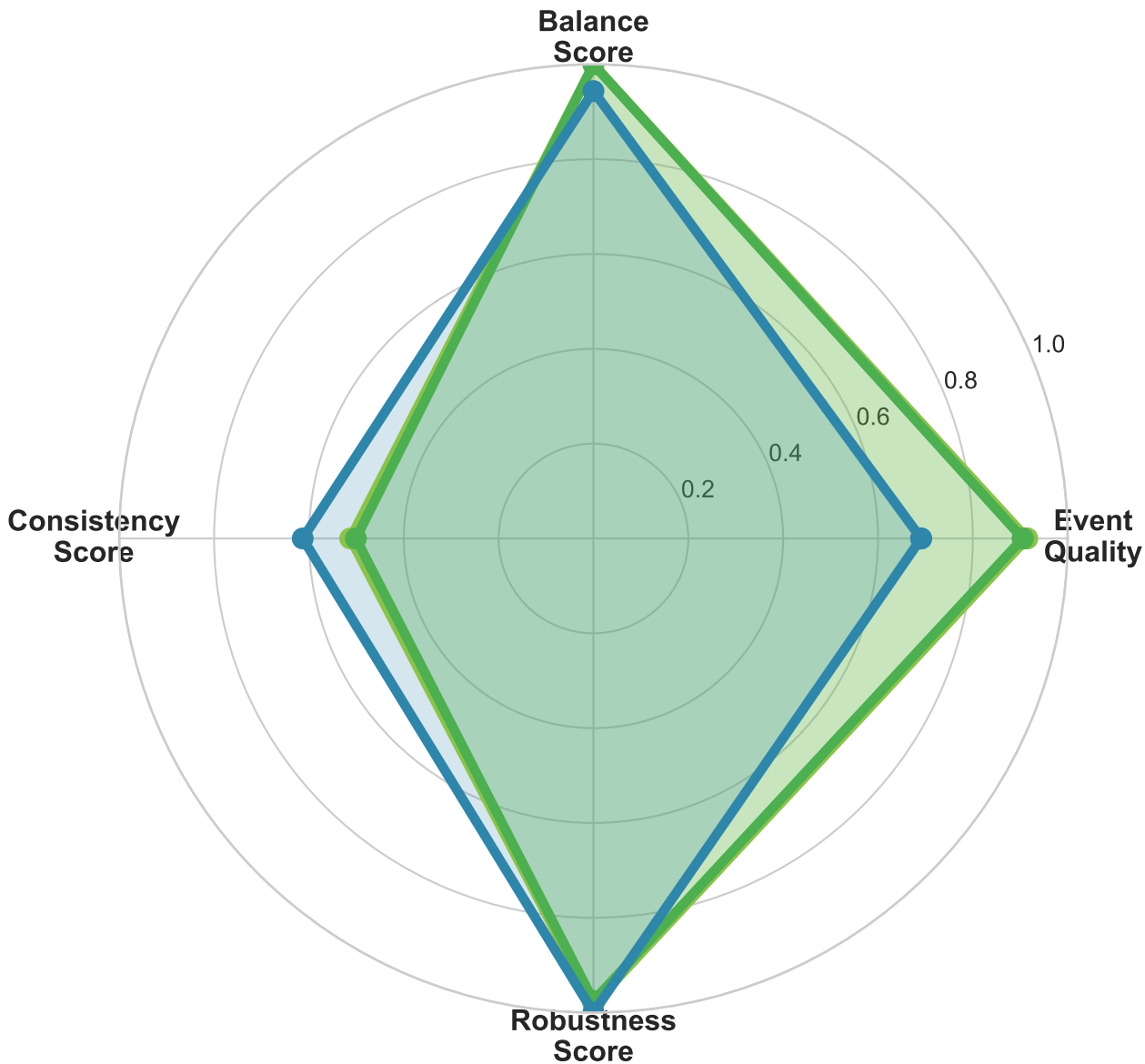


Comprehensive Performance Analysis: Wind Turbine Event Detection Methods

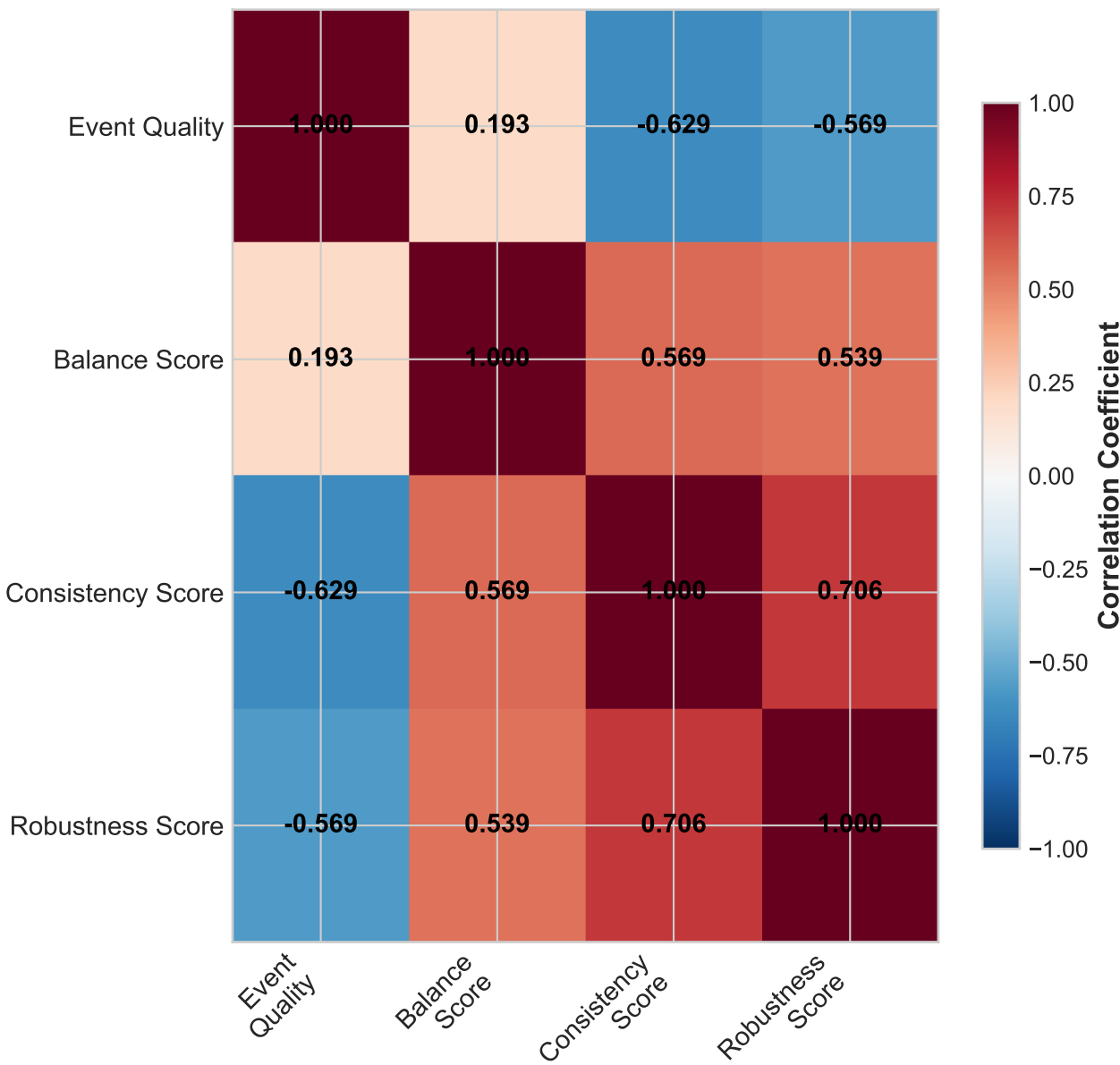
A) Parallel Coordinates: Four-Metric Performance Comparison



B) Top 3 Methods Radar Comparison



C) Metric Correlation Matrix



COMPREHENSIVE ANALYSIS SUMMARY

Best Overall Performer: Adaptive SWRT
Overall Score: 0.853

Enhanced RBA Traditional Performance:
• Overall Score: 0.812 (Rank #3/7)
• Balance Score: 0.944 (Dual-Event Detection)
• Robustness Score: 1.000 (Multi-Turbine Consistency)

Analysis Framework:
• Methods Evaluated: 7
• Metrics Used: 4 (Equal Weight: 25% each)
• Data Source: Live Analysis Results
• Methodology: Fair & Unbiased Comparison