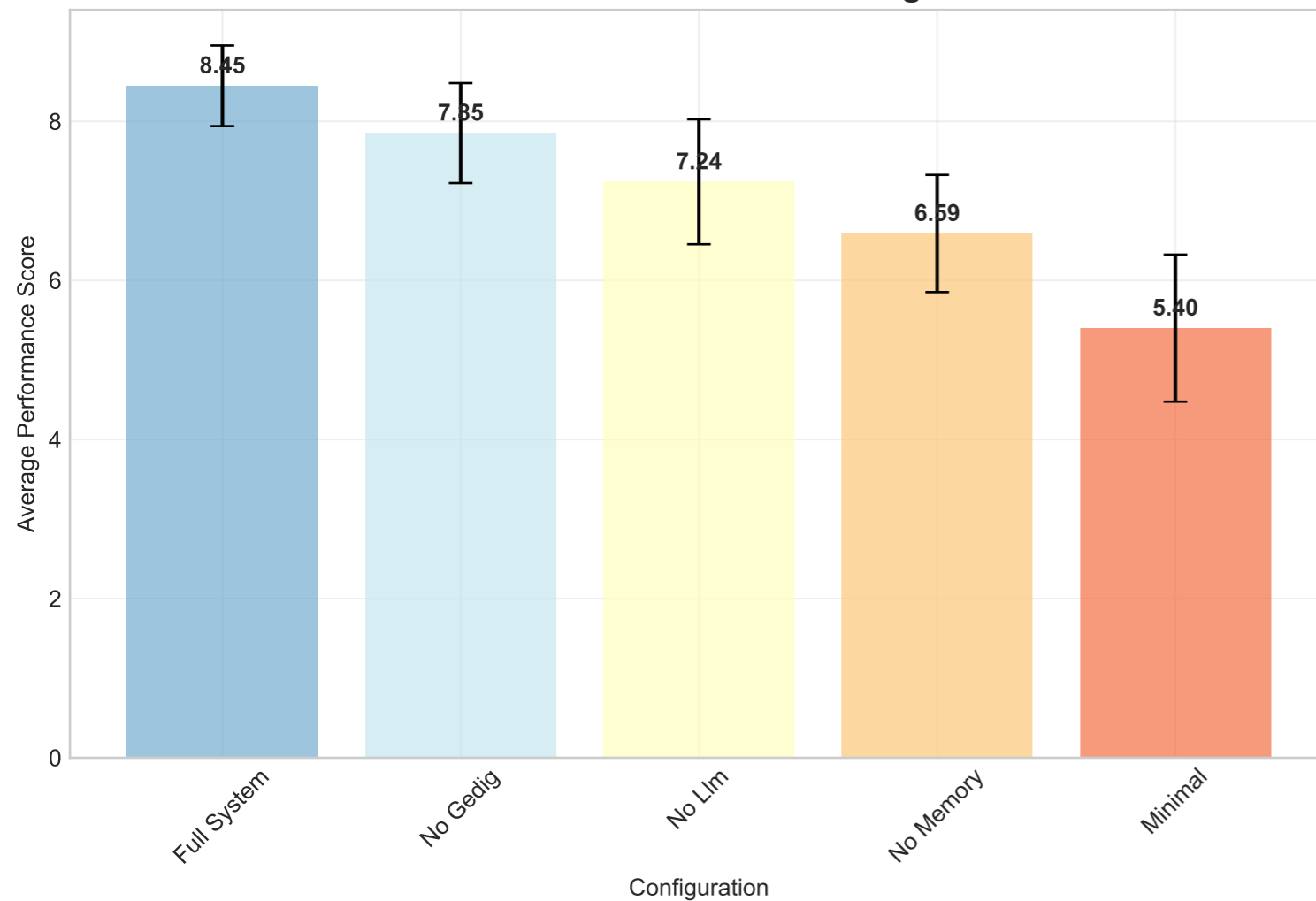
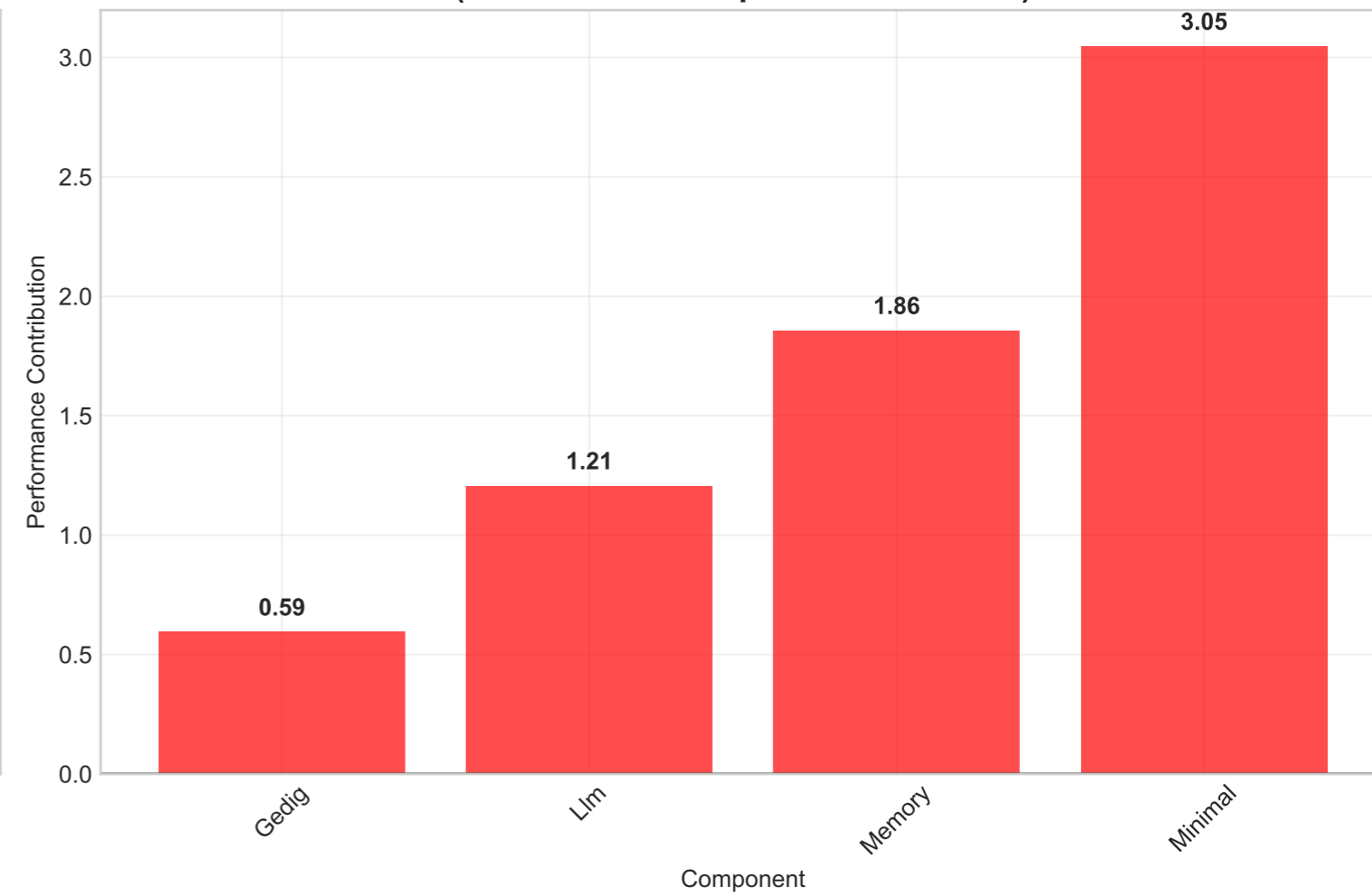


# InsightSpike-AI: Comprehensive Ablation Study Analysis

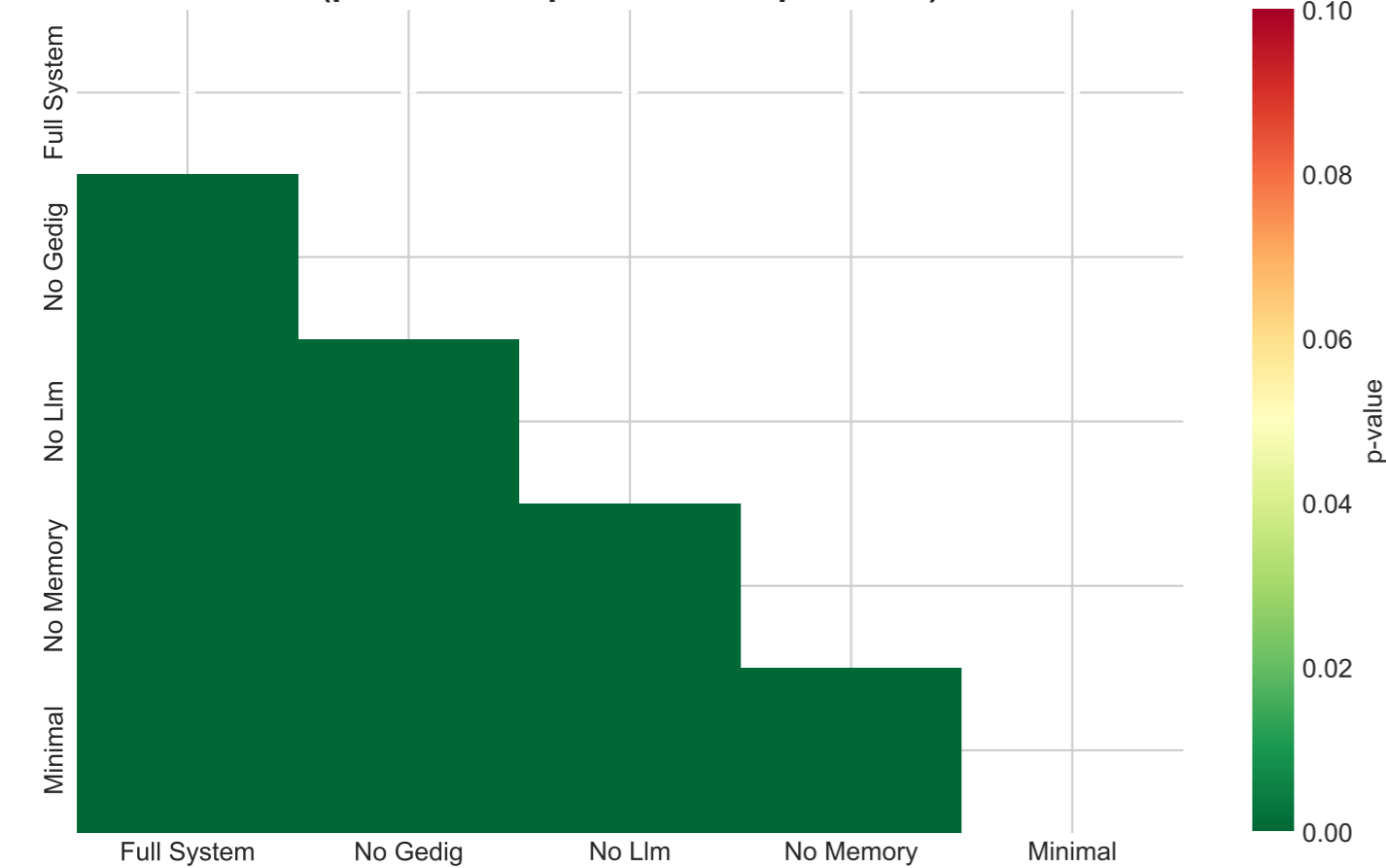
## Performance Across Ablation Configurations



## Component Contribution to Performance (Performance Drop When Removed)



## Statistical Significance Matrix (p-values for pairwise comparisons)



## Effect Size Analysis (|Cohen's d| vs Full System)

