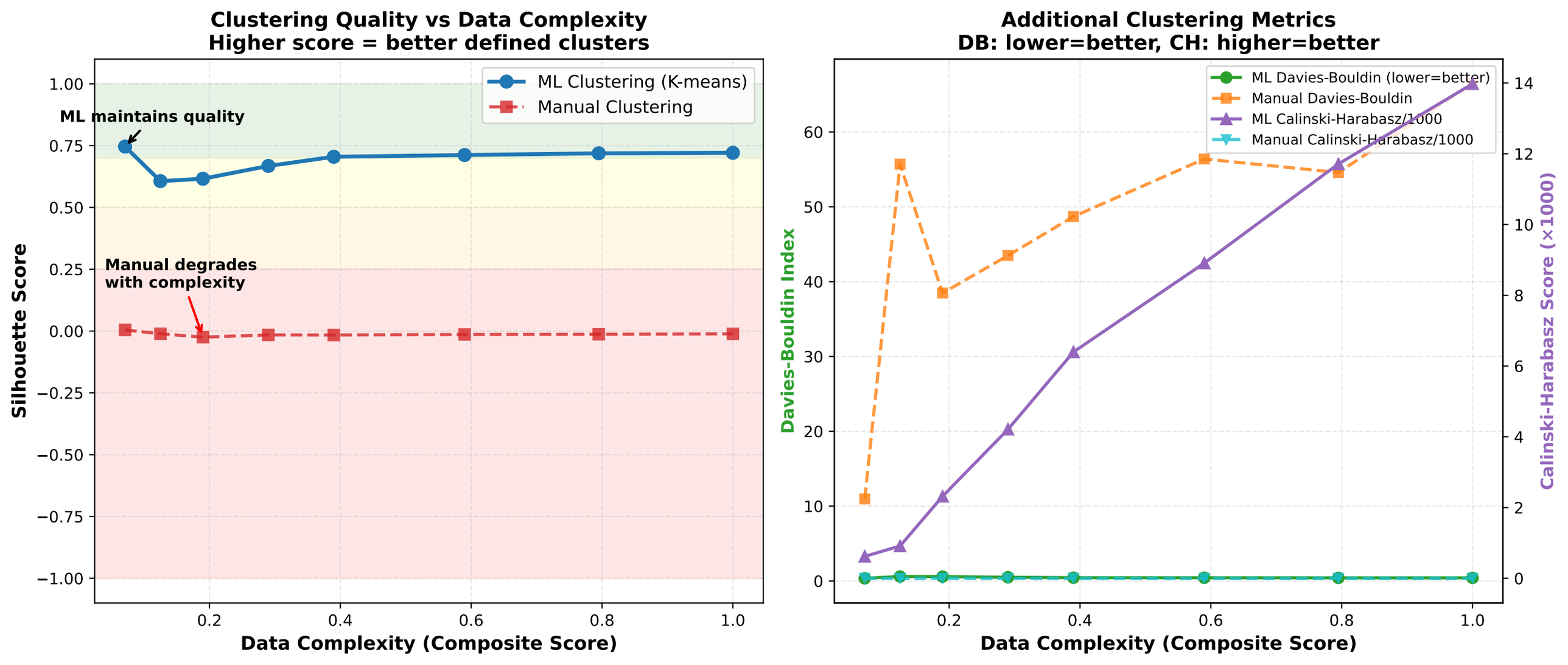
Clustering Quality vs Data Complexity
Higher score = better defined clusters
ML Clustering (K-means)
Manual Clustering
ML maintains quality
Manual degrades
with complexity
Silhouette Score
Data Complexity (Composite Score)
Additional Clustering Metrics
DB: lower=better, CH: higher=better
ML Davies-Bouldin (lower=better)
Manual Davies-Bouldin
ML Calinski-Harabasz/1000
Manual Calinski-Harabasz/1000
Davies-Bouldin Index
Calinski-Harabasz Score (×1000)
Data Complexity (Composite Score)