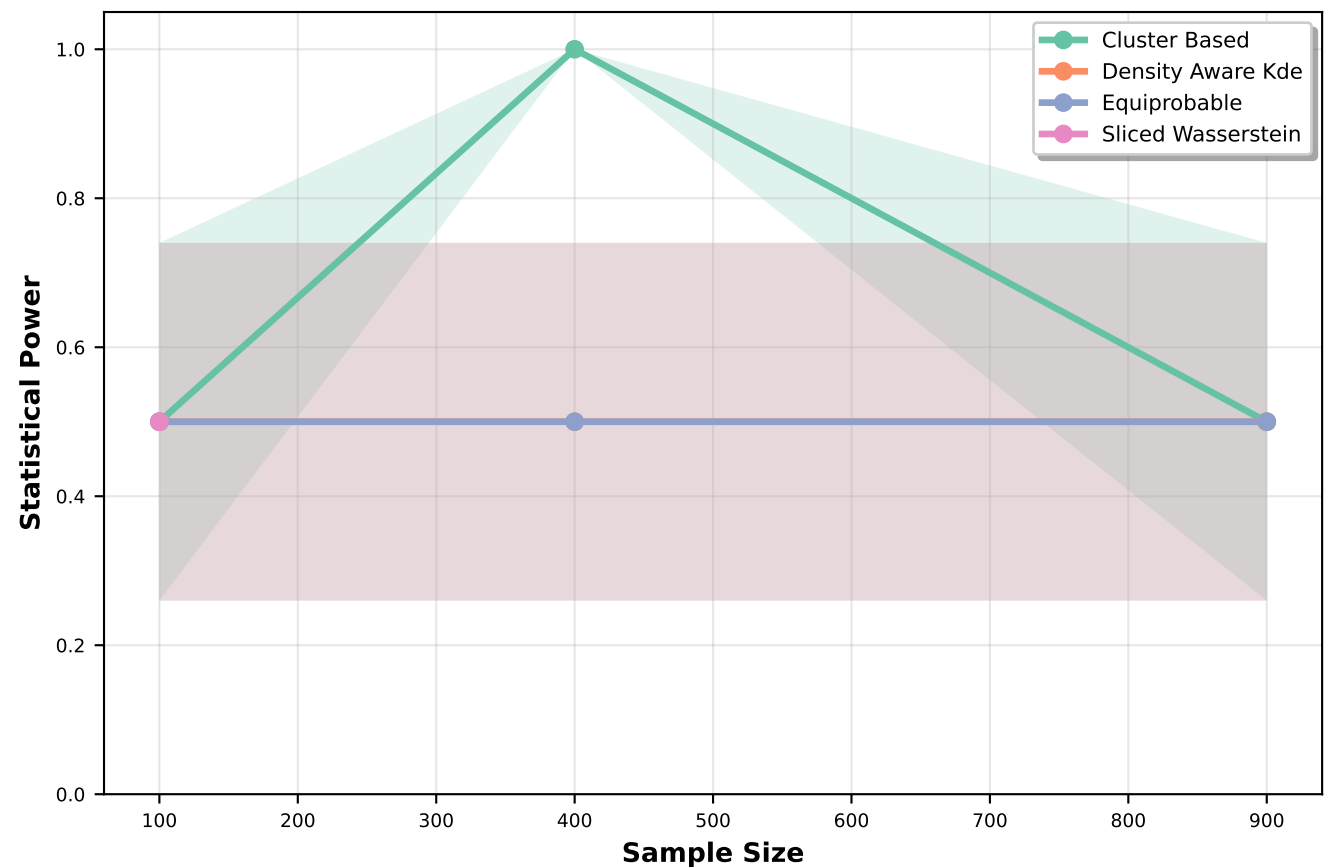
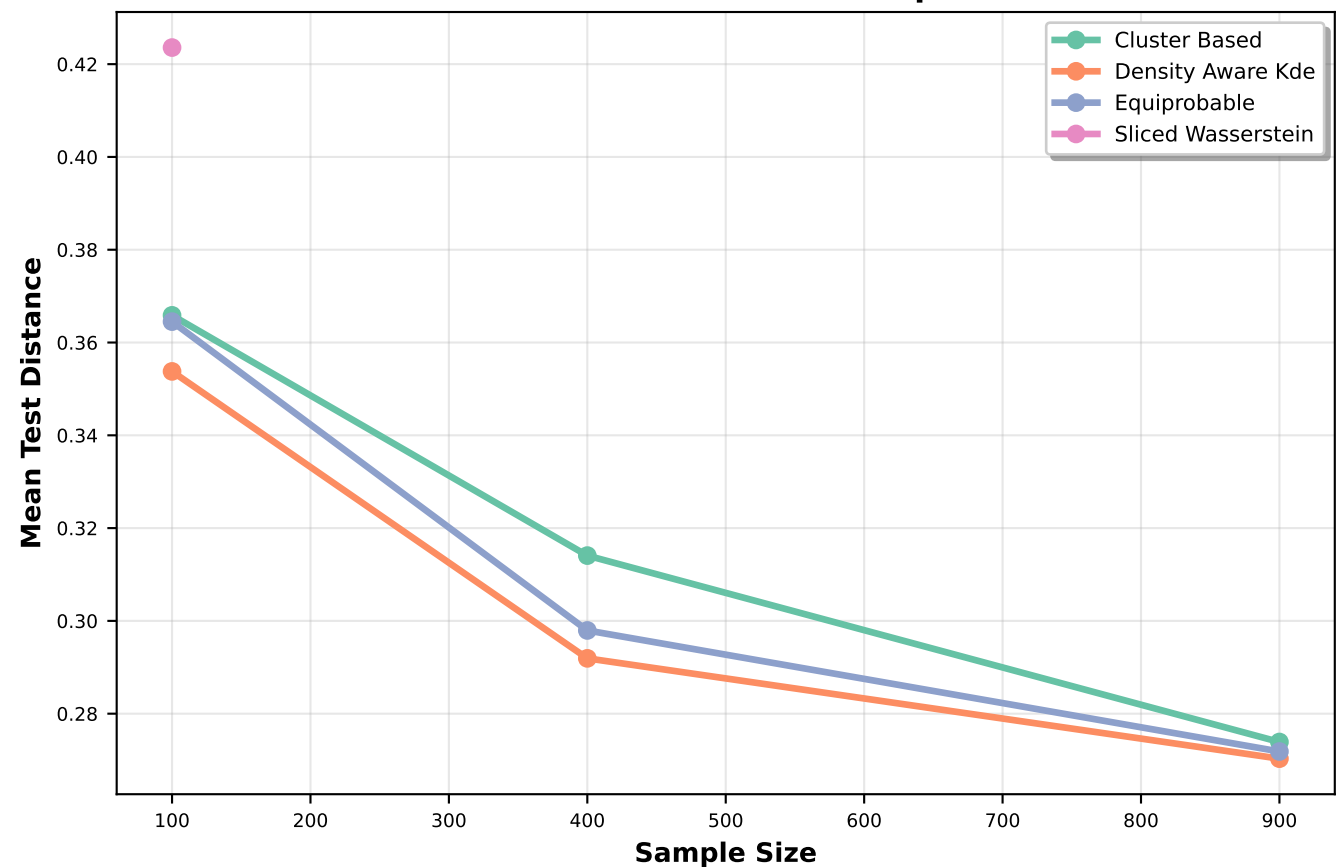


Method Performance Progression with Sample Size

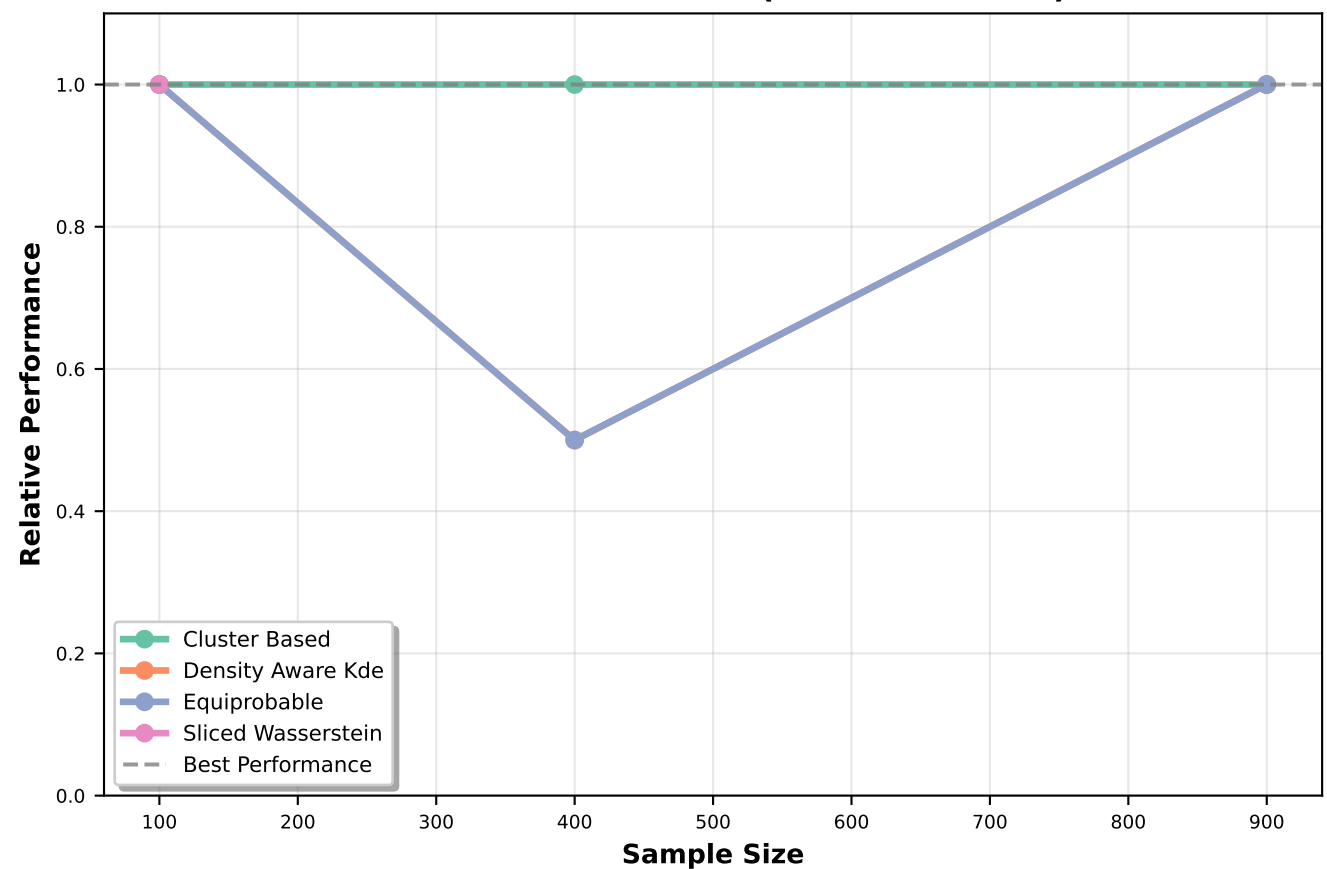
Power Curves with 95% Confidence Intervals



Effect Size Detection vs Sample Size



Relative Performance (vs Best Method)



Sample Size Recommendations  
(Target: 80% Statistical Power)

Method	Min Size (80% Power)	Optimal Size	Max Power	Adequate Power
Cluster Based	400	400	1.000	✓
Density Aware Kde	N/A	100	0.500	✗
Equiprobable	N/A	100	0.500	✗
Sliced Wasserstein	N/A	100	0.500	✗