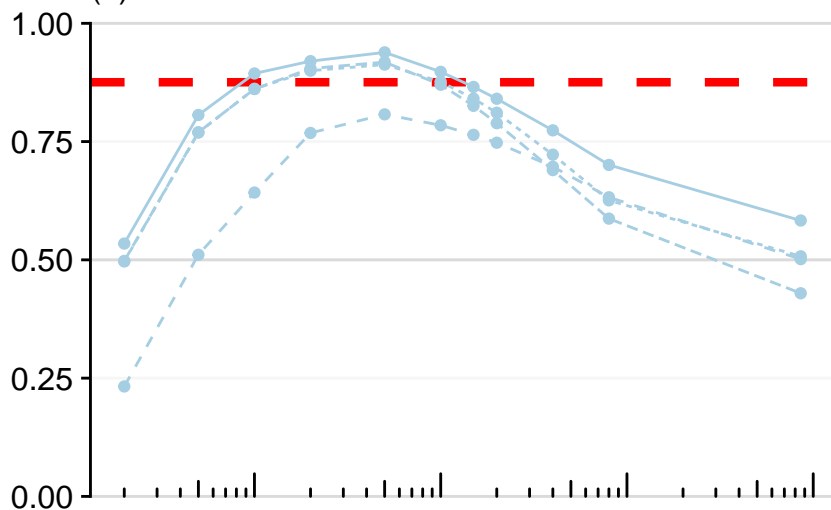
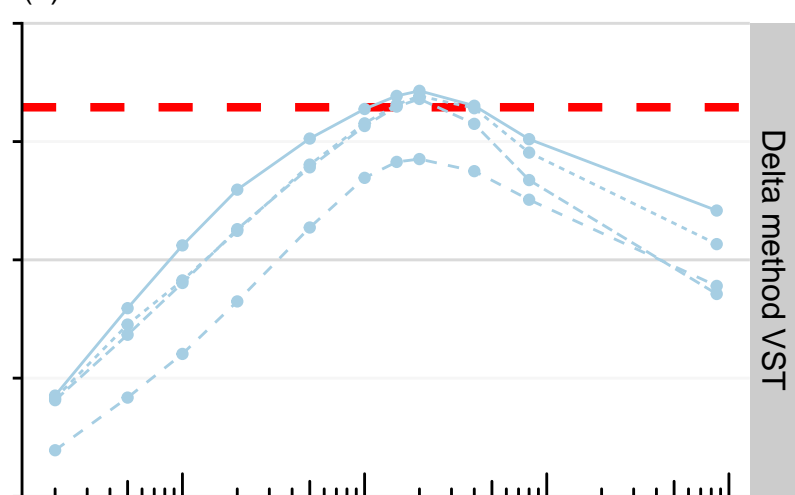


The best number of dimensions for PCA is dataset dependent

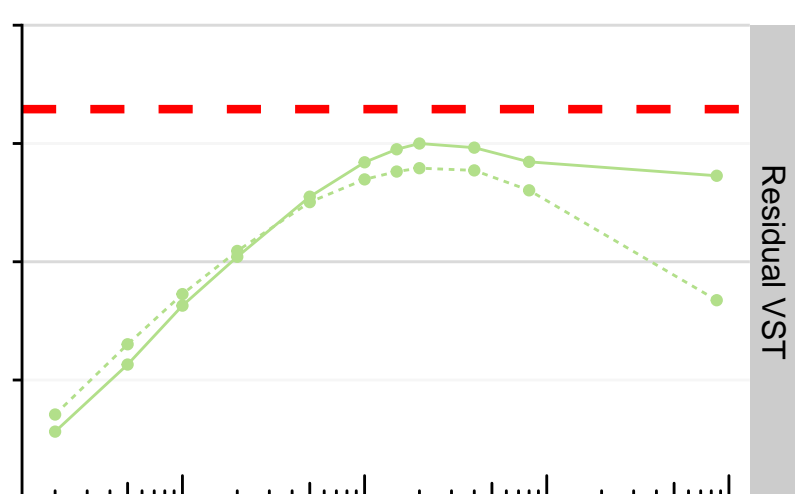
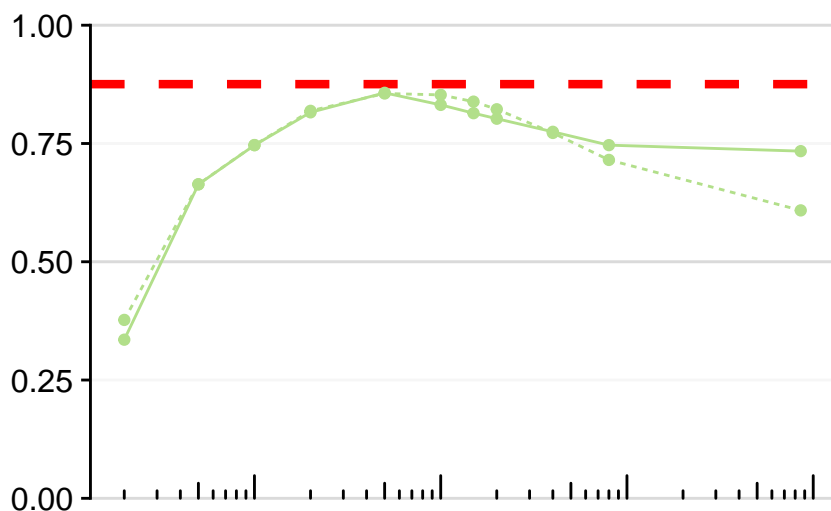
(1) Branched linear manifold



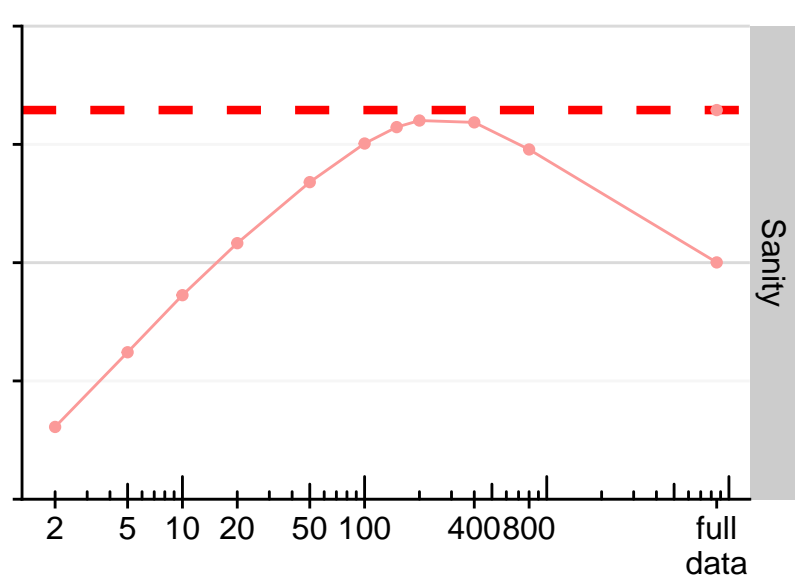
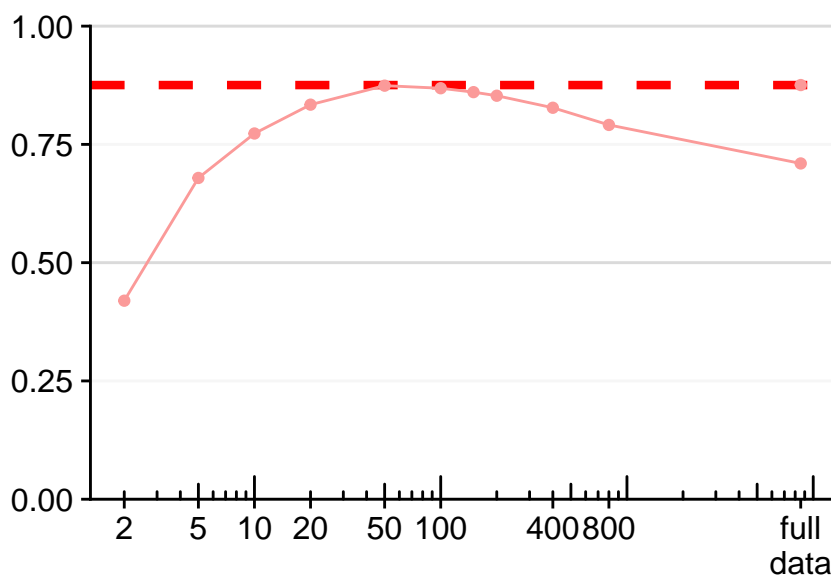
(2) Branched random walk



Delta method VST



Residual VST



Sanity

#PCA Dimensions

#PCA Dimensions