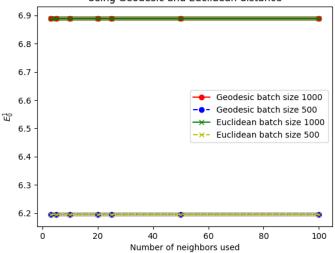
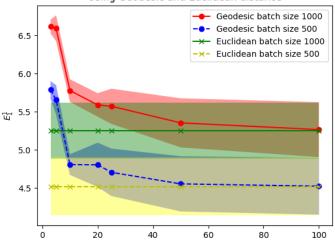
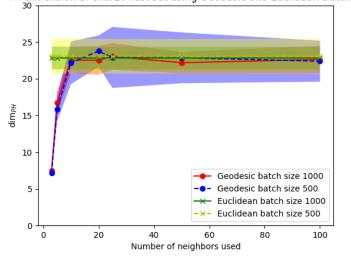
Total persistent of 0-th homology group of cifar10 Test set Using Geodesic and Euclidean distance



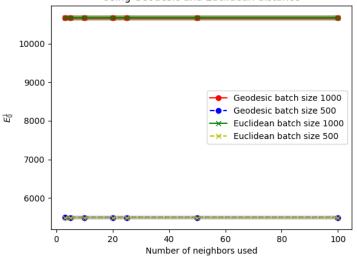
Total persistent of 1-st homology group of cifar10 Test set Using Geodesic and Euclidean distance



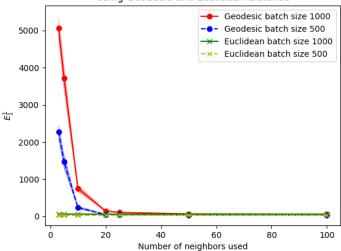
PH dimension of cifar10 Test set using Geodesic and Euclidean distance $^{\rm 30}$ $^{\rm -}$



Total persistent of 0-th homology group of cifar10 Test set Using Geodesic and Euclidean distance



Total persistent of 1-st homology group of cifar10 Test set
Using Geodesic and Euclidean distance



PH dimension of cifar10 Test set using Geodesic and Euclidean distance

