**Report on clustering tendency**

Hopkins statistics stats that the calculated distances of data points to its nearest neighbours were uniformly distributed so if the calculated H is > 0.5 indicates the data can form good clusters and greater than 0.75 will have cluster tendency at 90% confidence interval.

So, according the dataset used here is iris dataset which has H value of around 0.82 which is greater than 0.75. So it has a great tendency towards clusters.

**Note:**

The calculated H value in python using Hopkins or get\_clust\_tendency function generates 1-H value the code is written accordingly to exact H value.