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##########################################################################
# SUMMARY OF METHODS
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factoextra::
        eclust()                        # clustering k-means, PAM, ….
        fviz_cluster()                  # figure of clusters
        fviz_silhouette()               # figure of silhouette
        fviz_nbclust()                  # best number of clusters
        fviz_dend()                     # figure of dendrogram
        fviz_pca_var()                  # figure of directions of PCA
        fviz_eig()                      # scree plot
        get_eigenvalue()                # eigenvalues in PCA
        get_pca_ind()                   # individual results in PCA
        fviz_contrib()                  # contribution of variables to PC
        fviz_pca_ind()                  # figure of individual results in PCA
        fviz_ellipses()                 # figure of clustering with ellipses
        get_clust_tendency()            # Hopkins stat

flexclust::
        as.kcca()                       # conversion for forecasts
        groupBWplot()                   # group boxplots
        cclust()                        # clustering
        stripes()                       # summary of group composition

stats::
        prcomp()
        princomp()
        loadings()

psych::
        principal()                     # rotated PCA
        describeBy()                    # statistics in groups

gridExtra::
        grid.arrange()                  # plotting ggplot figures together

ggplot2::
        autoplot()                      # composed plot of PCA

ClusterR::
        KMeans_rcpp()                   # more advanced k-means
        plot_2d()                       # easy clustering plotting

cluster::
        pam()                           # PAM
        clara()                         # clara
        daisy()                         # distance matrix
        silhouette()                    # silhouette
```