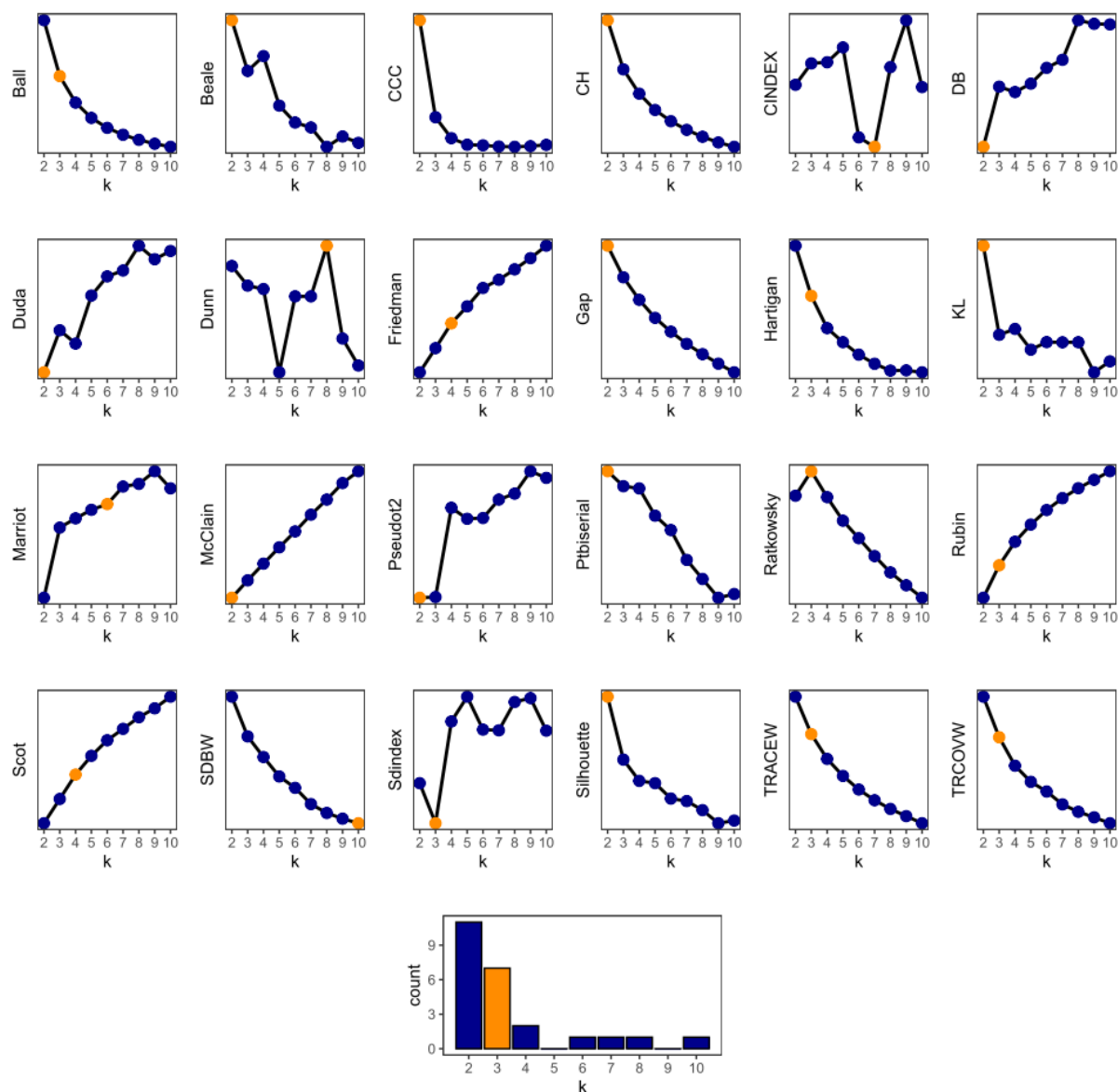


Fig.S1. Selection of the number of clusters to consider.



Details of each algorithms allowing to choose the optimal number of clusters to consider. The bottom histogram represents the number of votes for each number of clusters between 2 and 10. We selected the median value: 3. The references for all algorithms are available in the Methods section.