

A scatter plot showing the relationship between the number of data points (n) on the x-axis and the number of clusters (K) on the y-axis. The x-axis ranges from 0 to 1.0, and the y-axis ranges from 0 to 10. The data points are blue circles. There is a single point at $(0.1, 1)$. A vertical line of points is at $x=1.0$, with y -values from 1 to 10. A horizontal line of points is at $y=1$, with x -values from 0.9 to 1.0.

