

A PCA plot showing the first two principal components (PC1 and PC2) of a dataset. The x-axis is labeled 'PC1: 16% variance' and ranges from -20 to 20. The y-axis is labeled 'PC2: 12% variance' and ranges from -10 to 10. The plot displays two distinct clusters of data points: red circles and teal triangles. The red circles are primarily located in the upper right quadrant (positive PC1 and positive PC2), while the teal triangles are primarily located in the lower left quadrant (negative PC1 and negative PC2). There is a small overlap between the two clusters in the center of the plot.

Cluster	PC1 (16% variance)	PC2 (12% variance)
Red Circle	6.5	9.5
Red Circle	8.5	8.5
Red Circle	9.0	9.0
Red Circle	9.5	8.5
Red Circle	10.0	8.0
Red Circle	13.0	7.0
Red Circle	18.0	7.0
Red Circle	6.0	6.0
Red Circle	7.0	5.0
Red Circle	8.0	5.5
Red Circle	9.0	5.0
Red Circle	10.0	5.0
Red Circle	6.0	4.0
Red Circle	7.0	3.0
Red Circle	8.0	3.0
Red Circle	9.0	3.0
Red Circle	10.0	3.0
Red Circle	6.0	2.0
Red Circle	7.0	1.0
Red Circle	8.0	1.0
Red Circle	9.0	1.0
Red Circle	10.0	1.0
Red Circle	6.0	0.0
Red Circle	7.0	-1.0
Red Circle	8.0	-1.0
Red Circle	9.0	-1.0
Red Circle	10.0	-1.0
Red Circle	6.0	-2.0
Red Circle	7.0	-3.0
Red Circle	8.0	-3.0
Red Circle	9.0	-3.0
Red Circle	10.0	-3.0
Red Circle	6.0	-4.0
Red Circle	7.0	-5.0
Red Circle	8.0	-5.0
Red Circle	9.0	-5.0
Red Circle	10.0	-5.0
Red Circle	6.0	-6.0
Red Circle	7.0	-7.0
Red Circle	8.0	-7.0
Red Circle	9.0	-7.0
Red Circle	10.0	-7.0
Red Circle	6.0	-8.0
Red Circle	7.0	-9.0
Red Circle	8.0	-9.0
Red Circle	9.0	-9.0
Red Circle	10.0	-9.0
Red Circle	6.0	-10.0
Red Circle	7.0	-11.0
Red Circle	8.0	-11.0
Red Circle	9.0	-11.0
Red Circle	10.0	-11.0
Red Circle	6.0	-12.0
Red Circle	7.0	-13.0
Red Circle	8.0	-13.0
Red Circle	9.0	-13.0
Red Circle	10.0	-13.0
Red Circle	6.0	-14.0
Red Circle	7.0	-15.0
Red Circle	8.0	-15.0
Red Circle	9.0	-15.0
Red Circle	10.0	-15.0
Red Circle	6.0	-16.0
Red Circle	7.0	-17.0
Red Circle	8.0	-17.0
Red Circle	9.0	-17.0
Red Circle	10.0	-17.0
Red Circle	6.0	-18.0
Red Circle	7.0	-19.0
Red Circle	8.0	-19.0
Red Circle	9.0	-19.0
Red Circle	10.0	-19.0
Red Circle	6.0	-20.0
Red Circle	7.0	-21.0
Red Circle	8.0	-21.0
Red Circle	9.0	-21.0
Red Circle	10.0	-21.0
Red Circle	6.0	-22.0
Red Circle	7.0	-23.0
Red Circle	8.0	-23.0
Red Circle	9.0	-23.0
Red Circle	10.0	-23.0
Red Circle	6.0	-24.0
Red Circle	7.0	-25.0
Red Circle	8.0	-25.0
Red Circle	9.0	-25.0
Red Circle	10.0	-25.0
Red Circle	6.0	-26.0
Red Circle	7.0	-27.0
Red Circle	8.0	-27.0
Red Circle	9.0	-27.0
Red Circle	10.0	-27.0
Red Circle	6.0	-28.0
Red Circle	7.0	-29.0
Red Circle	8.0	-29.0
Red Circle	9.0	-29.0
Red Circle	10.0	-29.0
Red Circle	6.0	-30.0
Red Circle	7.0	-31.0
Red Circle	8.0	-31.0
Red Circle	9.0	-31.0
Red Circle	10.0	-31.0
Red Circle	6.0	-32.0
Red Circle	7.0	-33.0
Red Circle	8.0	-33.0
Red Circle	9.0	-33.0
Red Circle	10.0	-33.0
Red Circle	6.0	-34.0
Red Circle	7.0	-35.0
Red Circle	8.0	-35.0
Red Circle	9.0	-35.0
Red Circle	10.0	-35.0
Red Circle	6.0	-36.0
Red Circle	7.0	-37.0
Red Circle	8.0	-37.0
Red Circle	9.0	-37.0
Red Circle	10.0	-37.0
Red Circle	6.0	-38.0
Red Circle	7.0	-39.0
Red Circle	8.0	-39.0
Red Circle	9.0	-39.0
Red Circle	10.0	-39.0
Red Circle	6.0	-40.0
Red Circle	7.0	-41.0
Red Circle	8.0	-41.0
Red Circle	9.0	-41.0
Red Circle	10.0	-41.0
Red Circle	6.0	-42.0
Red Circle	7.0	-43.0
Red Circle	8.0	-43.0
Red Circle	9.0	-43.0
Red Circle	10.0	-43.0
Red Circle	6.0	-44.0
Red Circle	7.0	-45.0
Red Circle	8.0	-45.0
Red Circle	9.0	-45.0
Red Circle	10.0	-45.0
Red Circle	6.0	-46.0
Red Circle	7.0	-4

● Control

 ActiveCD