

The graph displays the relationship between the number of clusters (Y-axis) and the clustersize (X-axis) for four different methods: K-means (red), DBSCAN (blue), Fuzzy (green), and Hierarchical (black). The X-axis ranges from 5 to 10, and the Y-axis ranges from 0 to 10. The graph shows that as the number of clusters increases, the number of clusters in each cluster generally decreases, with K-means and DBSCAN showing the most significant decrease.

Clustersize	K-means (red)	DBSCAN (blue)	Fuzzy (green)	Hierarchical (black)
5	9.5	8.5	7.5	6.5
6	8.5	8.5	7.5	6.5
7	7.5	8.5	7.5	6.5
8	6.5	8.5	7.5	6.5
9	5.5	8.5	7.5	6.5
10	4.5	8.5	7.5	6.5

The graph displays the Type-I error rate for three statistical procedures: ANOVA (solid lines), MCTP (dashed lines), and Wald (dash-dot lines) across different cluster sizes (5, 6, 7, 8, 9, 10). The y-axis represents the Type-I error, ranging from 0.15 to 0.35. The x-axis represents the Clustersize. The legend indicates that solid lines represent ANOVA, dashed lines represent MCTP, and dash-dot lines represent Wald.

Clustersize	ANOVA (Solid)	MCTP (Dashed)	Wald (Dash-dot)
5	0.22	0.23	0.24
6	0.22	0.23	0.24
7	0.22	0.23	0.24
8	0.22	0.23	0.24
9	0.22	0.23	0.24
10	0.22	0.23	0.24

The graph displays the relationship between Clustersize (x-axis, ranging from 5 to 10) and five different metrics (y-axis, represented by five unlabeled levels). Each metric is represented by a pair of lines: a solid line and a dashed line. The metrics are color-coded: red (top), blue, red, blue, and green (bottom). The red metrics show a slight downward trend, while the blue and green metrics show an upward trend as Clustersize increases.

Clustersize	Red (Top) Dashed	Red (Top) Solid	Blue Dashed	Blue Solid	Red (Middle) Dashed	Red (Middle) Solid	Blue Dashed (Lower)	Blue Solid (Lower)	Green Dashed	Green Solid
5	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0
6	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0
7	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0
8	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0
9	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0
10	Level 5	Level 4	Level 3	Level 2	Level 4	Level 3	Level 2	Level 1	Level 1	Level 0

The graph displays Type-I error on the y-axis (ranging from 0.15 to 0.35) against Clustersize on the x-axis (ranging from 5 to 10). Three sample sizes are compared: 12 (red), 15 (green), and 20 (blue). For each sample size, there are two lines: a solid line and a dashed line. A vertical line is drawn at clustersize 10.

Sample Size	Line Style	Clustersize 5	Clustersize 6	Clustersize 7	Clustersize 8	Clustersize 9	Clustersize 10
12	Solid	0.24	0.23	0.22	0.21	0.20	0.19
12	Dashed	0.28	0.29	0.31	0.32	0.33	0.35
15	Solid	0.20	0.215	0.23	0.25	0.265	0.28
15	Dashed	0.28	0.27	0.26	0.255	0.25	0.25
20	Solid	0.25	0.245	0.24	0.235	0.23	0.22
20	Dashed	0.31	0.31	0.31	0.31	0.31	0.31