

Cluster

Case Processing Summary^{a,b}

Cases					
Valid		Missing		Total	
N	Percent	N	Percent	N	Percent
15	100,0	0	,0	15	100,0

a. Squared Euclidean Distance used

b. Centroid Linkage

Centroid Linkage

Agglomeration Schedule

Stage	Cluster Combined		Coefficients	Stage Cluster First Appears		Next Stage
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	10	11	4,000	0	0	4
2	5	12	49,000	0	0	5
3	3	8	49,000	0	0	8
4	7	10	64,000	0	1	12
5	5	6	100,250	2	0	9
6	13	14	101,000	0	0	10
7	1	2	101,000	0	0	11
8	3	9	120,250	3	0	11
9	4	5	222,222	0	5	10
10	4	13	697,250	9	6	13
11	1	3	1059,028	7	8	12
12	1	7	2169,778	11	4	14
13	4	15	5202,806	10	0	14
14	1	4	18858,737	12	13	0

Cluster Membership

Case	4 Clusters
1	1
2	1
3	1
4	2
5	2

Cluster Membership

Case	4 Clusters
6	2
7	3
8	1
9	1
10	3
11	3
12	2
13	2
14	2
15	4

Vertical Icicle

Num ber of clu...	Case									
	15		14		13		6		12	
1	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X
3	X		X	X	X	X	X	X	X	X
4	X		X	X	X	X	X	X	X	X
5	X		X	X	X	X	X	X	X	X
6	X		X	X	X	X	X	X	X	X
7	X		X	X	X	X	X	X	X	X
8	X		X	X	X	X	X	X	X	X
9	X		X	X	X	X	X	X	X	X
10	X		X		X		X	X	X	X
11	X		X		X		X		X	X
12	X		X		X		X		X	X
13	X		X		X		X		X	X
14	X		X		X		X		X	

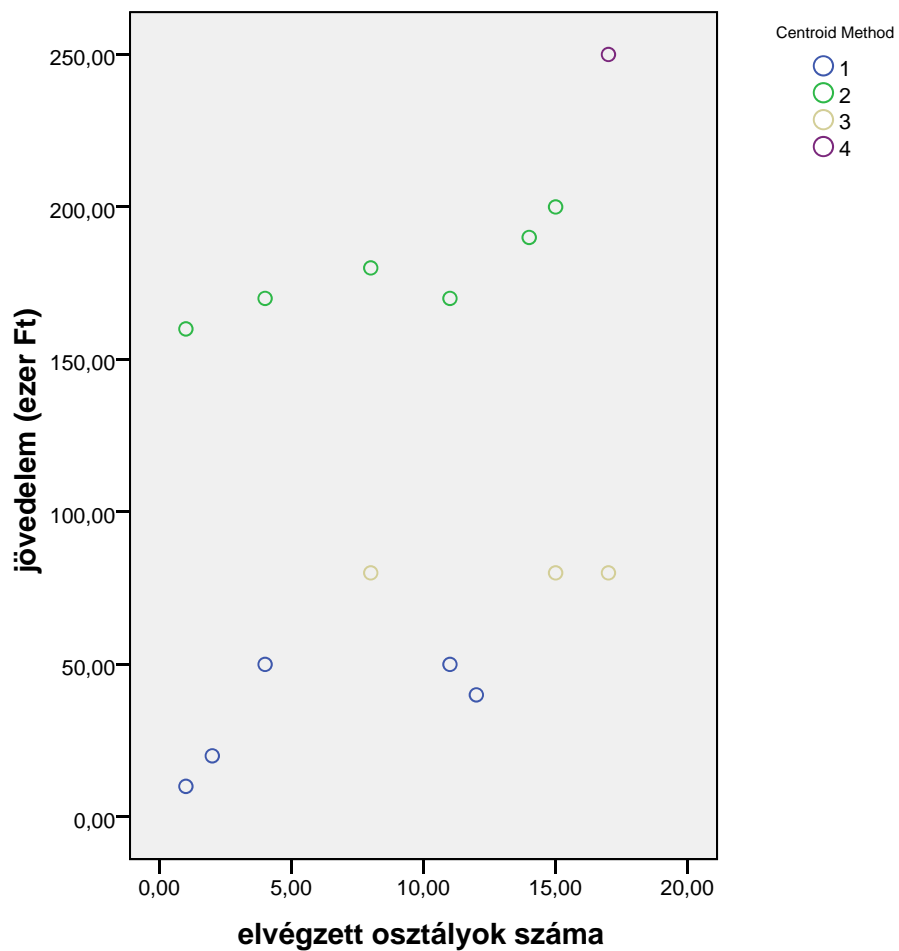
Vertical Icicle

Num ber of clu...	Case									
	5		4		11		10		7	
1	X	X	X	X	X	X	X	X	X	X
2	X	X	X		X	X	X	X	X	X
3	X	X	X		X	X	X	X	X	X
4	X	X	X		X	X	X	X	X	
5	X	X	X		X	X	X	X	X	
6	X	X	X		X	X	X	X	X	
7	X		X		X	X	X	X	X	
8	X		X		X	X	X	X	X	
9	X		X		X	X	X	X	X	
10	X		X		X	X	X	X	X	
11	X		X		X	X	X	X	X	
12	X		X		X	X	X	X	X	
13	X		X		X	X	X	X	X	
14	X		X		X	X	X	X	X	

Vertical Icicle

Num ber of ...	Case								
	9		8		3		2		1
1	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X
5	X	X	X	X	X		X	X	X
6	X	X	X	X	X		X	X	X
7	X	X	X	X	X		X	X	X
8	X		X	X	X		X	X	X
9	X		X	X	X		X	X	X
10	X		X	X	X		X	X	X
11	X		X	X	X		X	X	X
12	X		X	X	X		X	X	X
13	X		X		X		X	X	X
14	X		X		X		X		X

Graph



Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
elvégzett osztályok száma	15	1,00	17,00	9,3333	5,78997
jövedelem (ezer Ft)	15	10,00	250,00	1,1533 E2	76,14522
Valid N (listwise)	15				

Cluster

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N	Percent	N	Percent	N	Percent
15	100,0	0	,0	15	100,0

a. Squared Euclidean Distance used

b. Centroid Linkage

Centroid Linkage

Agglomeration Schedule

Stage	Cluster Combined		Coefficients	Stage Cluster First Appears		Next Stage
	Cluster 1	Cluster 2		Cluster 1	Cluster 2	
1	13	14	,047	0	0	9
2	8	9	,047	0	0	8
3	1	2	,047	0	0	7
4	10	11	,119	0	0	10
5	6	12	,286	0	0	11
6	4	5	,286	0	0	13
7	1	3	,398	3	0	13
8	7	8	,577	0	2	10
9	13	15	,708	1	0	11
10	7	10	1,052	8	4	12
11	6	13	1,268	5	9	12
12	6	7	3,010	11	10	14
13	1	4	3,301	7	6	14
14	1	6	3,658	13	12	0

Cluster Membership

Case	4 Clusters
1	1
2	1
3	1
4	2
5	2
6	3
7	4
8	4
9	4

Cluster Membership

Case	4 Clusters
10	4
11	4
12	3
13	3
14	3
15	3

Vertical Icicle

Num ber of clu...	Case									
	11		10		9		8		7	
1	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X	X	
5	X	X	X	X	X	X	X	X	X	
6	X	X	X		X	X	X	X	X	
7	X	X	X		X	X	X	X	X	
8	X	X	X		X	X	X	X	X	
9	X	X	X		X	X	X	X	X	
10	X	X	X		X	X	X	X	X	
11	X	X	X		X	X	X	X	X	
12	X		X		X	X	X	X	X	
13	X		X		X	X	X	X	X	
14	X		X		X		X	X	X	

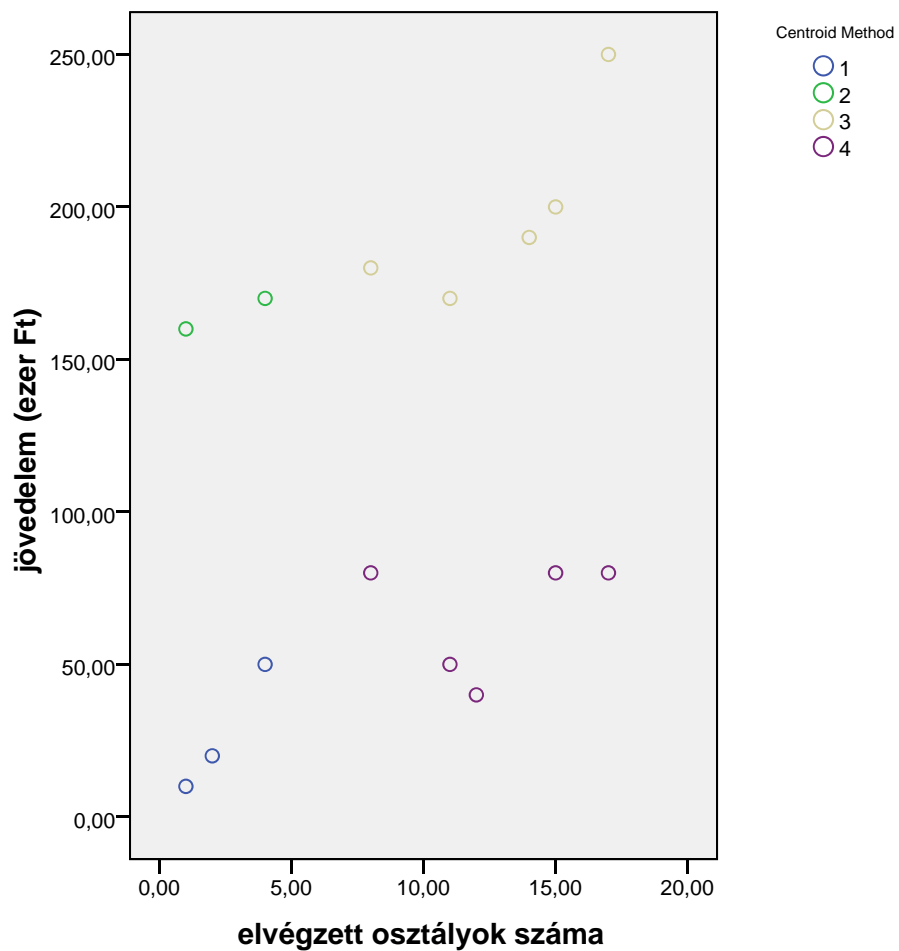
Vertical Icicle

Num ber of clu...	Case									
	15		14		13		12		6	
1	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	
3	X	X	X	X	X	X	X	X	X	
4	X	X	X	X	X	X	X	X	X	
5	X	X	X	X	X		X	X	X	
6	X	X	X	X	X		X	X	X	
7	X		X	X	X		X	X	X	
8	X		X	X	X		X	X	X	
9	X		X	X	X		X	X	X	
10	X		X	X	X		X	X	X	
11	X		X	X	X		X		X	
12	X		X	X	X		X		X	
13	X		X	X	X		X		X	
14	X		X	X	X		X		X	

Vertical Icicle

Num ber of ...	Case								
	5		4		3		2		1
1	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X	X
3	X	X	X		X	X	X	X	X
4	X	X	X		X	X	X	X	X
5	X	X	X		X	X	X	X	X
6	X	X	X		X	X	X	X	X
7	X	X	X		X	X	X	X	X
8	X	X	X		X	X	X	X	X
9	X	X	X		X		X	X	X
10	X		X		X		X	X	X
11	X		X		X		X	X	X
12	X		X		X		X	X	X
13	X		X		X		X		X
14	X		X		X		X		X

Graph



Quick Cluster

Initial Cluster Centers

	Cluster			
	1	2	3	4
Zscore: elvégzett osztályok száma	-1,43927	1,32413	1,32413	-1,43927
Zscore: jövedelem (ezer Ft)	-1,38332	1,76855	-,46403	,58660

Iteration History^a

Iteration	Change in Cluster Centers			
	1	2	3	4
1	,617	,784	,607	,590
2	,000	,000	,000	,000

a. Convergence achieved due to no or small change in cluster centers. The maximum absolute coordinate change for any center is ,000. The current iteration is 2. The minimum distance between initial centers is 1,970.

Final Cluster Centers

	Cluster			
	1	2	3	4
Zscore: elvégzett osztályok száma	-,96431	,84917	,76281	-,86356
Zscore: jövedelem (ezer Ft)	-,98934	1,14474	-,69385	,71793

Number of Cases in each Cluster

Cluster	1	4,000
	2	4,000
	3	4,000
	4	3,000
Valid		15,000
Missing		,000

Graph

