```
 GET
  FILE='D:
\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - L e i
 Vuk.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
NPAR TESTS
  /K-S(NORMAL)=visina
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		09-SEP-2024 15:44:50
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-S(NORMAL)=visina /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03
	Number of Cases Allowed[a]	393216

a. Based on availability of workspace memory.

```
[DataSet1] D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Pro
jekat - Lei Vuk.sav
```

One-Sample Kolmogorov-Smirnov Test

		visina
N		30
Normal Parameters[a,b]	Mean	199.67
	Std. Deviation	8.794
Most Extreme Differences	Absolute	.098
	Positive	.073
	Negative	-.098
Test Statistic		.098
Asymp. Sig. (2-tailed)		.200[c,d]

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

```
T-TEST GROUPS=klub(1 2)
 /MISSING=ANALYSIS
 /VARIABLES=visina
 /CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		09-SEP-2024 15:46:10
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=klub(1 2) /MISSING=ANALYSIS /VARIABLES=visina /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.06

Group Statistics

	klub	N	Mean	Std. Deviation	Std. Error Mean
visina	Crvena Zvezda	15	198.47	9.724	2.511
	Partizan	15	200.87	7.909	2.042

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
visina	Equal variances assumed	.316	.578	-.742	28	.465	-2.400	3.236	-9.029	4.229
	Equal variances not assumed			-.742	26.885	.465	-2.400	3.236	-9.042	4.242

```
NPAR TESTS
  /K-S(NORMAL)=kilaza
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		09-SEP-2024 15:48:33
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-S(NORMAL)=kilaza /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02
	Number of Cases Allowed[a]	393216

a. Based on availability of workspace memory.

One-Sample Kolmogorov-Smirnov Test

		kilaza
N		30
Normal Parameters[a,b]	Mean	96.33
	Std. Deviation	8.926
Most Extreme Differences	Absolute	.115
	Positive	.115
	Negative	-.088
Test Statistic		.115
Asymp. Sig. (2-tailed)		.200[c,d]

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

```
CORRELATIONS
 /VARIABLES=visina kilaza
 /PRINT=TWOTAIL NOSIG
 /MISSING=PAIRWISE.
```

Correlations

Notes

Output Created		09-SEP-2024 15:49:06
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=visina kilaza /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Correlations

		visina	kilaza
visina	Pearson Correlation	1	.854**
	Sig. (2-tailed)		.000
	N	30	30
kilaza	Pearson Correlation	.854**	1
	Sig. (2-tailed)	.000	
	N	30	30

**. Correlation is significant at the 0.01 level (2-tailed).

```
CROSSTABS
```

```
/TABLES=iskustvo BY starost
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT
/COUNT ROUND CELL.
```

Crosstabs

Notes

Output Created		09-SEP-2024 16:02:25
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=iskustvo BY starost /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01
	Dimensions Requested	2
	Cells Available	349496

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Odigrane sezone u EL * starost	30	100.0%	0	0.0%	30	100.0%

Odigrane sezone u EL * starost Crosstabulation

Count

		starost				
		Najmladji	Mladji	Stariji	Najstariji	Total
Odigrane sezone u EL	Rookie	2	2	1	0	5
	Iskusan	5	3	0	1	9
	Veteran	0	3	7	6	16
Total		7	8	8	7	30

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.546[a]	6	.011
Likelihood Ratio	22.244	6	.001
Linear-by-Linear Association	10.123	1	.001
N of Valid Cases	30		

a. 12 cells (100.0%) have expected count less than 5. The minimum expected count is 1.17.

```
NPAR TESTS
  /K-S(NORMAL)=PIR
  /MISSING ANALYSIS.
```

NPar Tests

Notes

Output Created		09-SEP-2024 16:05:05
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-S(NORMAL)=PIR /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02
	Number of Cases Allowed[a]	393216

a. Based on availability of workspace memory.

One-Sample Kolmogorov-Smirnov Test

		Indeks korisnosti
N		30
Normal Parameters[a,b]	Mean	7.353
	Std. Deviation	4.2030
Most Extreme Differences	Absolute	.111
	Positive	.111
	Negative	-.080
Test Statistic		.111
Asymp. Sig. (2-tailed)		.200[c,d]

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

```
ONEWAY PIR BY pozicija
  /STATISTICS HOMOGENEITY BROWNFORSYTHE
  /MISSING ANALYSIS.
```

Oneway

Notes

Output Created		09-SEP-2024 16:06:08
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY PIR BY pozicija /STATISTICS HOMOGENEITY BROWNFORSYTHE /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Test of Homogeneity of Variances

Indeks korisnosti

Levene Statistic	df1	df2	Sig.
.930	4	25	.462

ANOVA

Indeks korisnosti

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	20.884	4	5.221	.266	.897
Within Groups	491.410	25	19.656		
Total	512.295	29			

Robust Tests of Equality of Means

Indeks korisnosti

	Statistic[a]	df1	df2	Sig.
Brown-Forsythe	.269	4	21.423	.895

a. Asymptotically F distributed.

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA CHANGE
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT poeni
  /METHOD=ENTER PIR.
```

Regression

Notes

Output Created		09-SEP-2024 16:10:17
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT poeni /METHOD=ENTER PIR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Memory Required	1860 bytes
	Additional Memory Required for Residual Plots	0 bytes

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Indeks korisnosti[b]	.	Enter

a. Dependent Variable: Prosek poena u sezoni

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.938[a]	.879	.875	1.3377	.879	204.144	1	28	.000

a. Predictors: (Constant), Indeks korisnosti

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	365.280	1	365.280	204.144	.000[b]
	Residual	50.101	28	1.789		
	Total	415.382	29			

a. Dependent Variable: Prosek poena u sezoni

b. Predictors: (Constant), Indeks korisnosti

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.874	.499		1.753	.090
	Indeks korisnosti	.844	.059	.938	14.288	.000

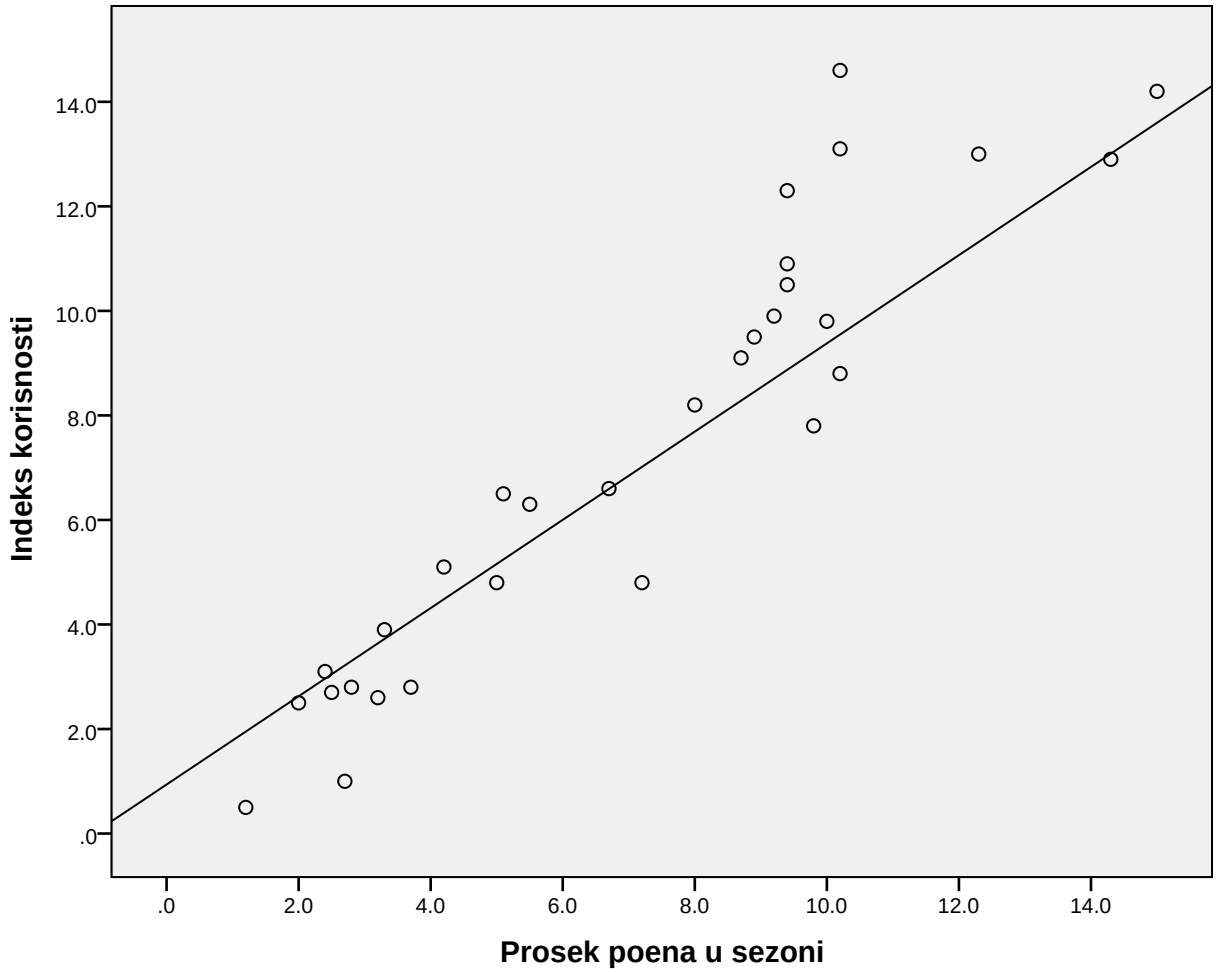
a. Dependent Variable: Prosek poena u sezoni

```
GRAPH
  /SCATTERPLOT(BIVAR)=poeni WITH PIR
  /MISSING=LISTWISE.
```

Graph

Notes

Output Created		09-SEP-2024 16:11:23
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Syntax		GRAPH /SCATTERPLOT(BIVAR)=poeni WITH PIR /MISSING=LISTWISE.
Resources	Processor Time	00:00:01.22
	Elapsed Time	00:00:00.98




```
DESCRIPTIVES VARIABLES=godine poeni P2 P3 FT asistencije TRNVRS blokade faulov
i visina kilaza PIR
    minutaza
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-SEP-2024 16:14:26
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=godine poeni P2 P3 FT asistencije TRNVRS blokade faulovi visina kilaza PIR minutaza /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
godine	30	21	37	29.23	3.857
Prosek poena u sezoni	30	1.2	15.0	7.083	3.7846
Procenat za 2 poena	30	38.1	83.3	56.367	9.1122
Procenat za 3 poena	30	.0	50.0	32.430	11.3582
Procenat sa slobodnih bacanja	30	25.0	100.0	78.883	18.3148
asistencije	30	.2	13.0	1.870	2.4616
Izgubljene lopte	30	.2	2.2	.963	.6162
blokade	30	.0	.7	.207	.2033
faulovi	30	1.1	2.7	1.907	.4763
visina	30	175	216	199.67	8.794
kilaza	30	80	118	96.33	8.926
Indeks korisnosti	30	.5	14.6	7.353	4.2030
minutaza	30	7.00	30.00	17.4767	6.27213
Valid N (listwise)	30				

```
 DATASET DECLARE D0.26852631108019487.
PROXIMITIES   godine poeni visina PIR faulovi minutaza P2 FT
  /MATRIX OUT(D0.26852631108019487)
  /VIEW=CASE
  /MEASURE=SEUCLID
  /PRINT NONE
  /ID=ime_i_prezime
  /STANDARDIZE=VARIABLE Z.
```

Proximities

Notes

Output Created		09-SEP-2024 16:20:12
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		PROXIMITIES godine poeni visina PIR faulovi minutaza P2 FT /MATRIX OUT(D0.26852631108019487) /VIEW=CASE /MEASURE=SEUCLID /PRINT NONE /ID=ime_i_prezime /STANDARDIZE=VARIABLE Z.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00
	Workspace Bytes	6576
Files Saved	Matrix File	Dataset D0.26852631108019487

Case Processing Summary[a]

Cases					
Valid		Missing		Total	
N	Percent	N	Percent	N	Percent
30	100.0%	0	0.0%	30	100.0%

a. Squared Euclidean Distance used

```
CLUSTER
  /MATRIX IN(D0.26852631108019487)
  /METHOD WARD
  /ID=ime_i_prezime
  /PRINT SCHEDULE
  /PLOT DENDROGRAM VICICLE
  /SAVE CLUSTER(3).
```

Cluster

Notes

Output Created		09-SEP-2024 16:20:13
Comments		
Input	Data	D:\FON Treca godina\Linearni statistiki modeli\Projekat - baza\Projekat - Lei Vuk.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
	Matrix Input	Dataset D0.26852631108019487
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		/MATRIX IN(D0.26852631108019487) /METHOD WARD /ID=ime_i_prezime /PRINT SCHEDULE /PLOT DENDROGRAM VICICLE /SAVE CLUSTER(3).
Resources	Processor Time	00:00:01.77

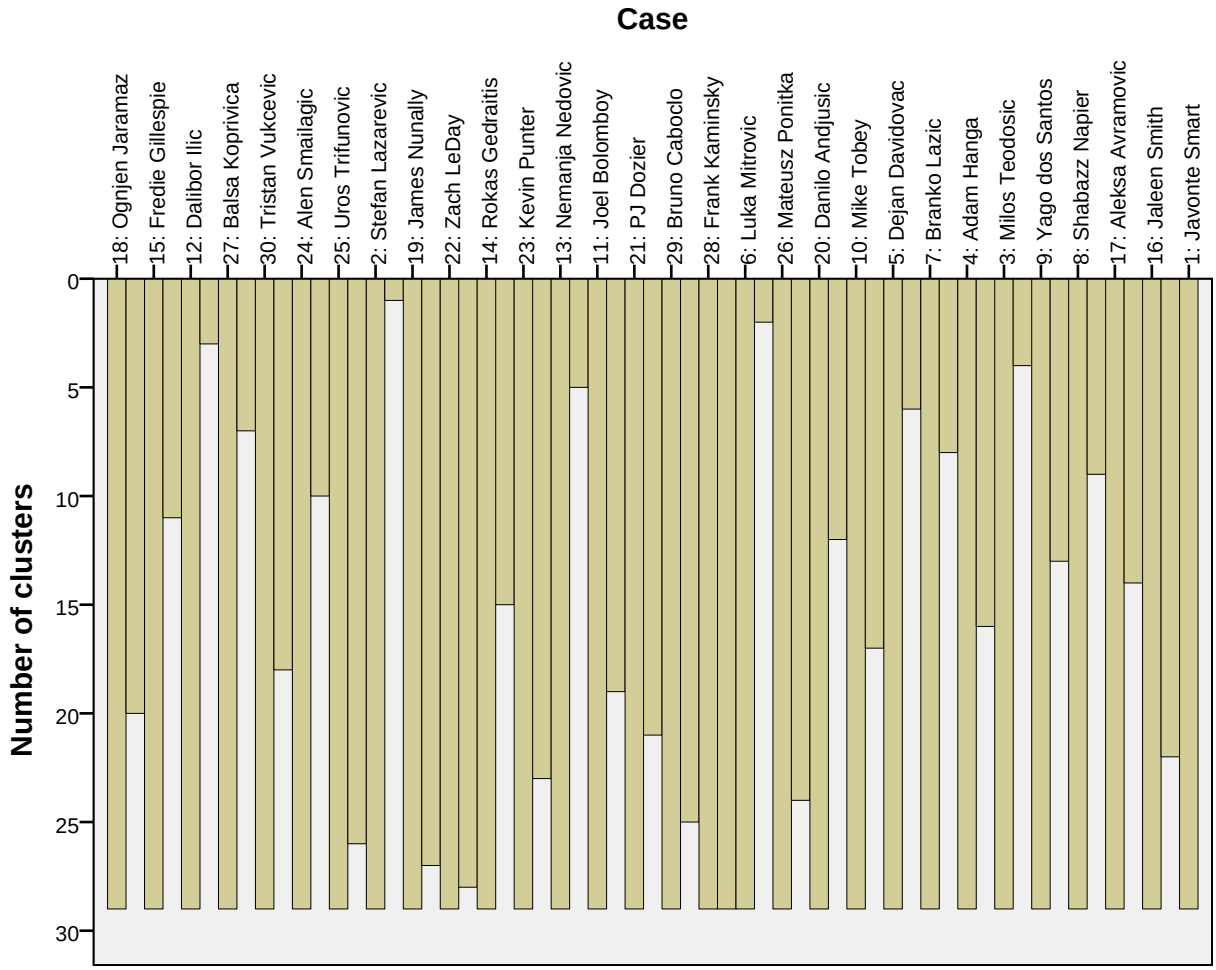
Notes

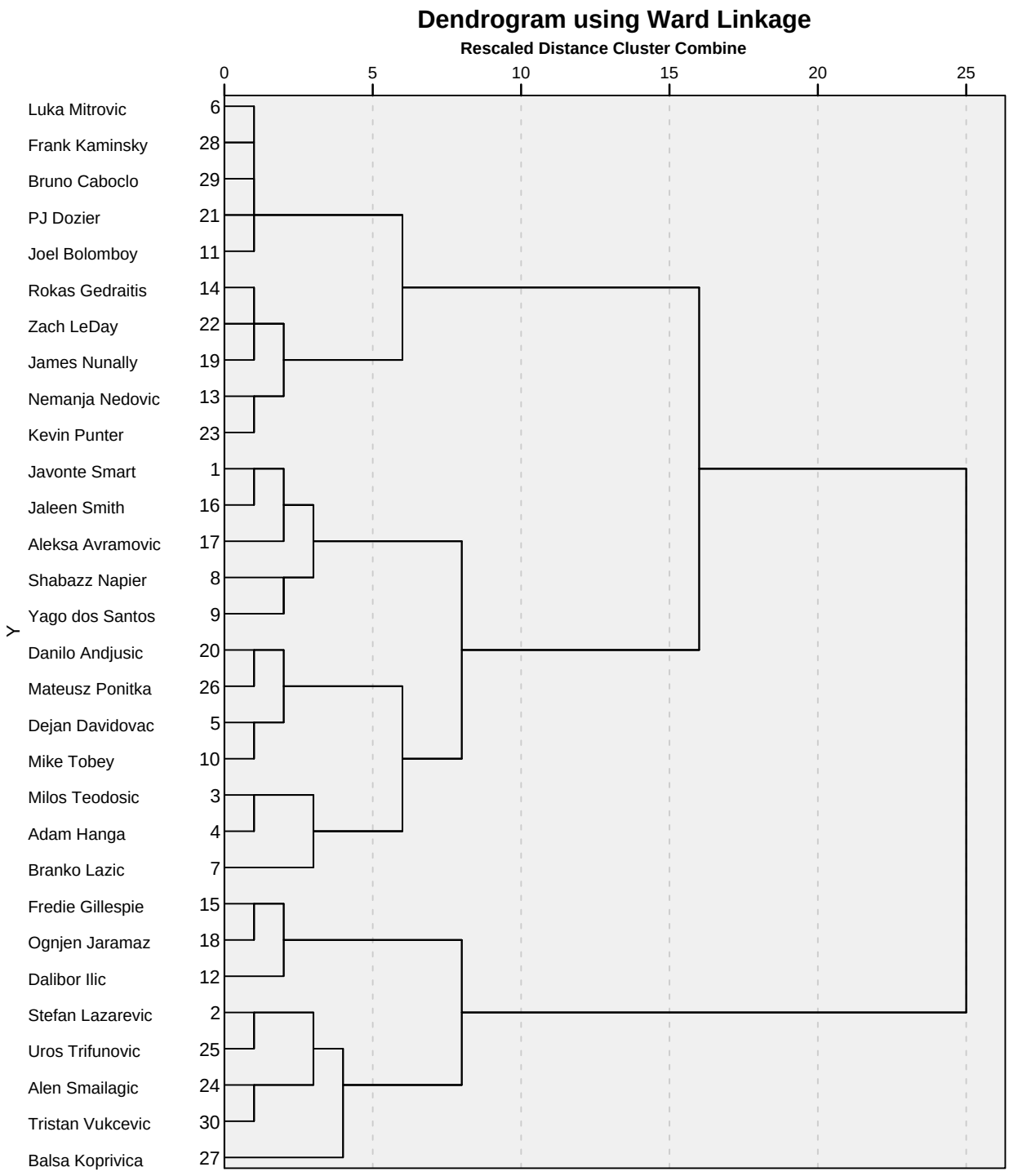
	Elapsed Time		00:00:02.52
Variables Created or Modified	Cluster Membership	CLU3_1	Ward Method

Ward Linkage

Agglomeration Schedule

	Cluster Combined			Stage Cluster First Appears		
Stage	Cluster 1	Cluster 2	Coefficients	Cluster 1	Cluster 2	Next Stage
1	6	28	.706	0	0	5
2	14	22	1.427	0	0	3
3	14	19	2.616	2	0	15
4	2	25	3.926	0	0	20
5	6	29	5.239	1	0	9
6	20	26	6.580	0	0	18
7	13	23	7.992	0	0	15
8	1	16	9.615	0	0	16
9	6	21	11.617	5	0	11
10	15	18	13.771	0	0	19
11	6	11	15.995	9	0	25
12	24	30	18.505	0	0	20
13	5	10	21.067	0	0	18
14	3	4	23.911	0	0	22
15	13	14	27.045	7	3	25
16	1	17	30.181	8	0	21
17	8	9	33.720	0	0	21
18	5	20	38.407	13	6	24
19	12	15	43.384	0	10	27
20	2	24	49.137	4	12	23
21	1	8	55.470	16	17	26
22	3	7	62.940	14	0	24
23	2	27	70.818	20	0	27
24	3	5	84.493	22	18	26
25	6	13	99.038	11	15	28
26	1	3	116.295	21	24	28
27	2	12	134.639	23	19	29
28	1	6	172.536	26	25	29
29	1	2	232.000	28	27	0


Case
18: Ognjen Jaramaz
15: Fredie Gillespie
12: Dalibor Ilic
27: Balsa Koprivica
30: Tristan Vukcevic
24: Alen Smailagic
25: Uros Trifunovic
2: Stefan Lazarevic
19: James Nunally
22: Zach LeDay
14: Rokas Gedraitis
23: Kevin Punter
13: Nemanja Nedovic
11: Joel Bolomboy
21: PJ Dozier
29: Bruno Caboclo
28: Frank Kaminsky
6: Luka Mitrovic
26: Mateusz Ponitka
20: Danilo Andjusic
10: Mike Tobey
5: Dejan Davidovac
7: Branko Lazic
4: Adam Hanga
3: Milos Teodosic
9: Yago dos Santos
8: Shabazz Napier
17: Aleksa Avramovic
16: Jaleen Smith
1: Javonte Smart
Number of clusters
0
5
10
15
20
25
30



Dataset Close D0.26852631108019487