```
 SPLIT FILE OFF.
DATASET ACTIVATE DataSet0.
ONEWAY Time BY Group
  /STATISTICS DESCRIPTIVES
  /PLOT MEANS
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05).
```

Oneway

Notes

Output Created		20-DEC-2011 19:24:27
Comments		
Input	Active Dataset	DataSet0
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**120**
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 Time BY Group /STATISTICS DESCRIPTIVES /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).
Resources	Processor Time	00:00:00.22
	Elapsed Time	00:00:00.00

[DataSet0]

Descriptives

Time (ms)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
clarinet	40	2037.6750	1482.12918	234.34520	1563.6671	2511.6829	834.00
google	40	236.4250	93.33916	14.75822	206.5737	266.2763	142.00
jsonparse	40	1670.2750	702.57993	111.08764	1445.5790	1894.9710	667.00
Total	120	1314.7917	1222.11624	111.56344	1093.8849	1535.6984	142.00

Descriptives

Time (ms)

	Maximum
clarinet	4656.00
google	392.00
jsonparse	2701.00
Total	4656.00

ANOVA

Time (ms)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	72472135.3	2	36236067.6	40.277	.000
Within Groups	105262469	117	899679.218		
Total	177734604	119			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Time (ms)
Scheffe

(I) Module	(J) Module	Mean Difference (I–J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
clarinet	google	1801.2500[*]	212.09423	.000	1275.3792	2327.1208
	jsonparse	367.40000	212.09423	.227	-158.4708	893.2708
google	clarinet	-1801.250[*]	212.09423	.000	-2327.1208	-1275.3792
	jsonparse	-1433.850[*]	212.09423	.000	-1959.7208	-907.9792
jsonparse	clarinet	-367.40000	212.09423	.227	-893.2708	158.4708
	google	1433.8500[*]	212.09423	.000	907.9792	1959.7208

*. The mean difference is significant at the 0.05 level.
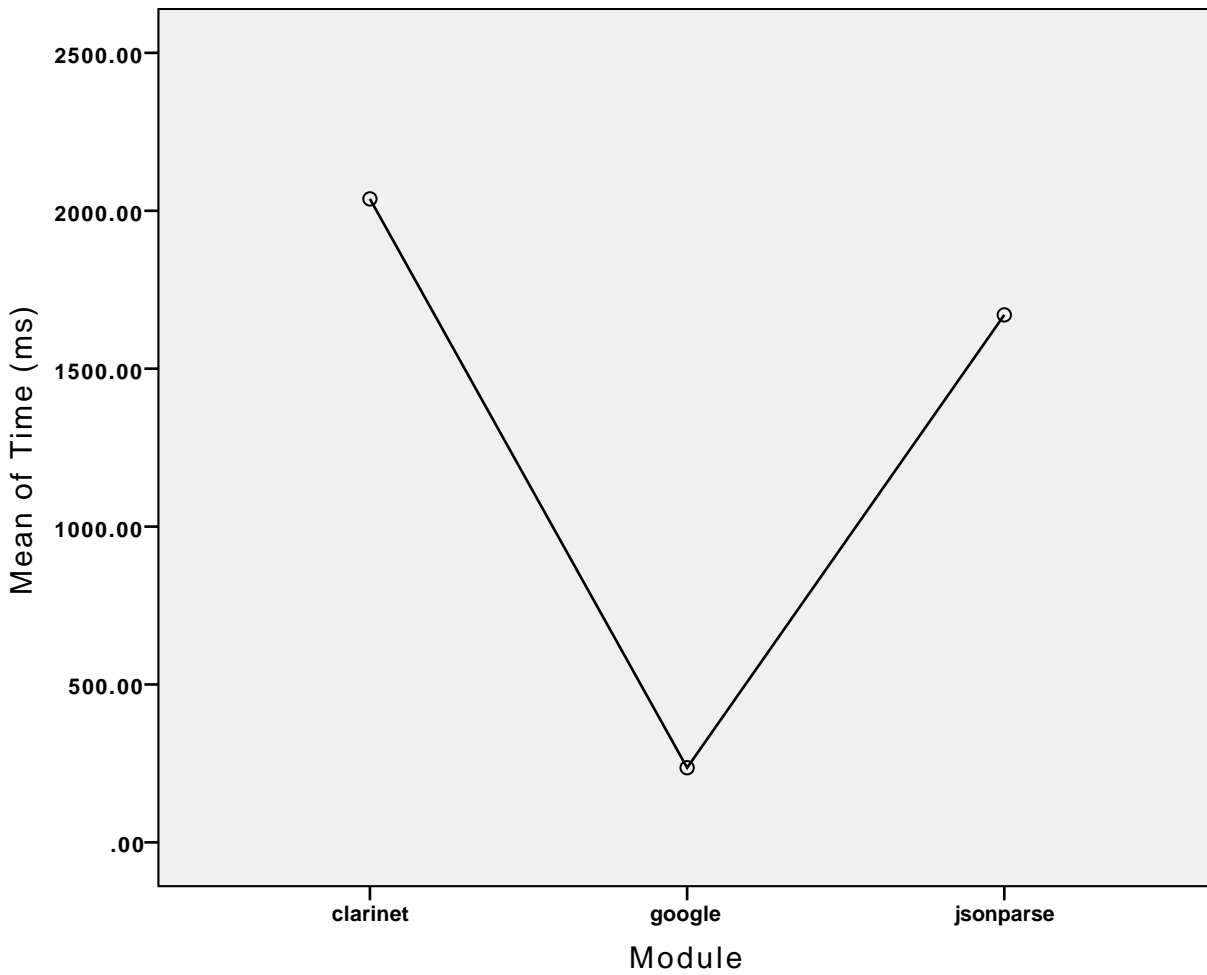
Homogeneous Subsets

Time (ms)

Scheffe[,a]

Module	N	Subset for alpha = 0.05	
		1	2
google	40	236.4250	
jsonparse	40		1670.2750
clarinet	40		2037.6750
Sig.		1.000	.227

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 40.000.

Means Plots

```
 SORT CASES  BY Size.
SPLIT FILE SEPARATE BY Size.

ONEWAY Time BY Group
  /STATISTICS DESCRIPTIVES
  /PLOT MEANS
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05).
```

Oneway

Notes

Output Created		**20-DEC-2011 19:24:49**
Comments		
Input	**Active Dataset**	**DataSet0**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**File size**
	N of Rows in Working Data File	**120**
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 Time BY Group /STATISTICS DESCRIPTIVES /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).
Resources	**Processor Time**	**00:00:00.41**
	Elapsed Time	**00:00:00.00**

[DataSet0]

File size = small

Descriptives[a]

Time (ms)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
clarinet	20	3065.0500	1503.82923	336.26644	2361.2363	3768.8637	1571.00
google	20	266.0500	124.06513	27.74181	207.9857	324.1143	142.00
jsonparse	20	1605.7500	951.47823	212.75700	1160.4445	2051.0555	667.00
Total	60	1645.6167	1534.09606	198.05095	1249.3176	2041.9157	142.00

Descriptives[a]

Time (ms)

	Maximum
clarinet	4656.00
google	392.00
jsonparse	2701.00
Total	4656.00

a. File size = small

ANOVA[a]

Time (ms)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	78391690.5	2	39195845.3	36.952	.000
Within Groups	60461901.7	57	1060735.12		
Total	138853592	59			

a. File size = small

Post Hoc Tests

Multiple Comparisons[a]

Dependent Variable: Time (ms)
Scheffe

(I) Module	(J) Module	Mean Difference (I–J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
clarinet	google	2799.0000*	325.68929	.000	1980.3798	3617.6202
	jsonparse	1459.3000*	325.68929	.000	640.6798	2277.9202
google	clarinet	-2799.000*	325.68929	.000	-3617.6202	-1980.3798
	jsonparse	-1339.700*	325.68929	.001	-2158.3202	-521.0798
jsonparse	clarinet	-1459.300*	325.68929	.000	-2277.9202	-640.6798
	google	1339.7000*	325.68929	.001	521.0798	2158.3202

*. The mean difference is significant at the 0.05 level.

a. File size = small

Homogeneous Subsets

Time (ms)[a]

Scheffe[,b]

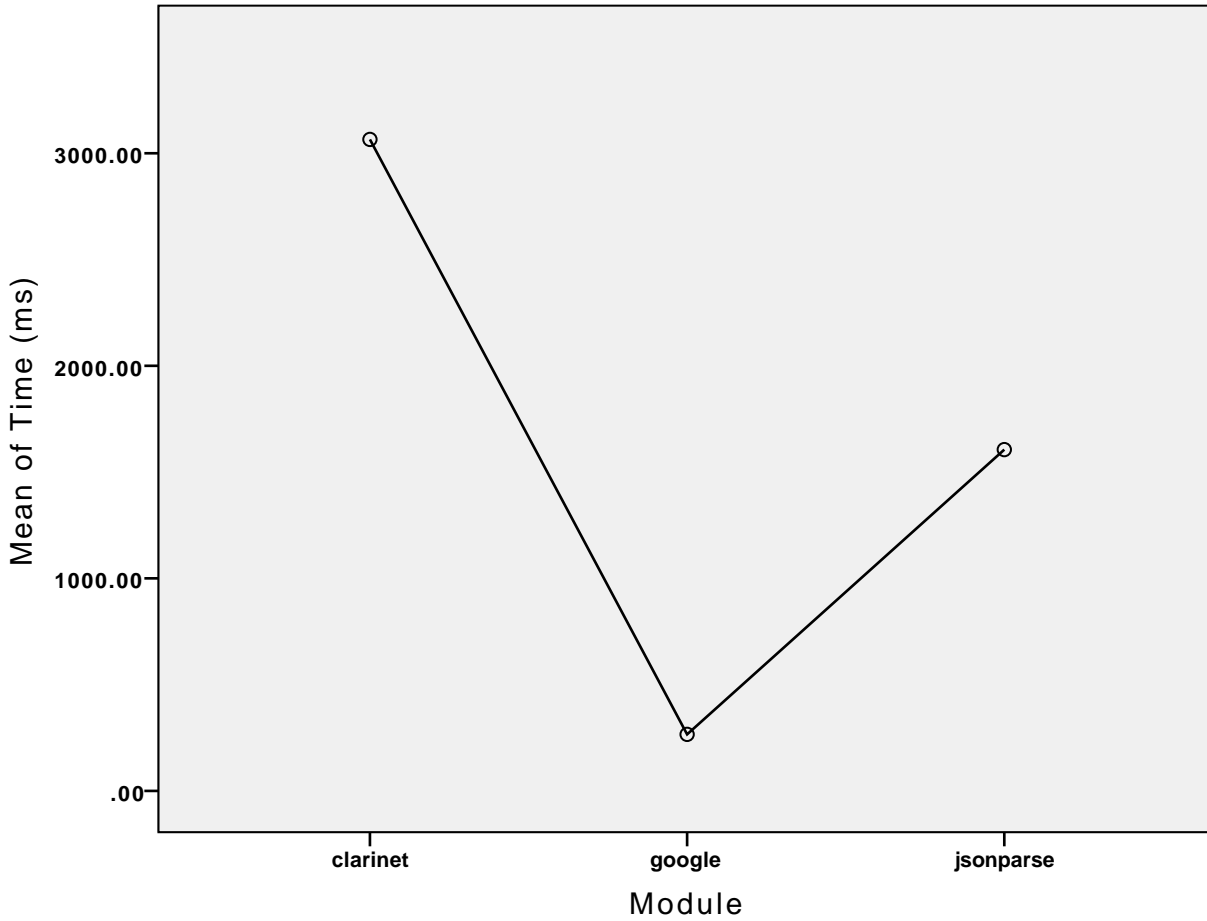| Module	N	Subset for alpha = 0.05		
		1	2	3
google	20	266.0500		
jsonparse	20		1605.7500	
clarinet	20			3065.0500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. File size = small

b. Uses Harmonic Mean Sample Size = 20.000.

Means Plots

File size: small

File size = big

Descriptives[a]

Time (ms)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean Lower Bound	Upper Bound	Minimum	Maximum
clarinet	20	1010.3000	159.44776	35.65360	935.6761	1084.9239	834.00	1266.00
google	20	206.8000	25.35973	5.67061	194.9313	218.6687	162.00	257.00
jsonparse	20	1734.8000	314.86666	70.40632	1587.4379	1882.1621	1317.00	2402.00
Total	60	983.9667	660.60565	85.28382	813.3141	1154.6192	162.00	2402.00

a. File size = big

ANOVA[a]

Time (ms)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23368643.3	2	11684321.7	279.959	.000
Within Groups	2378946.60	57	41735.905		
Total	25747589.9	59			

a. File size = big

Post Hoc Tests

Multiple Comparisons[a]

Dependent Variable: Time (ms)

Scheffe

(I) Module	(J) Module	Mean Difference (I–J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
clarinet	google	803.50000[*]	64.60333	.000	641.1195	965.8805
	jsonparse	-724.5000[*]	64.60333	.000	-886.8805	-562.1195
google	clarinet	-803.5000[*]	64.60333	.000	-965.8805	-641.1195
	jsonparse	-1528.000[*]	64.60333	.000	-1690.3805	-1365.6195
jsonparse	clarinet	724.50000[*]	64.60333	.000	562.1195	886.8805
	google	1528.0000[*]	64.60333	.000	1365.6195	1690.3805

*. The mean difference is significant at the 0.05 level.

a. File size = big

Homogeneous Subsets

Time (ms)[a]

Scheffe[,b]

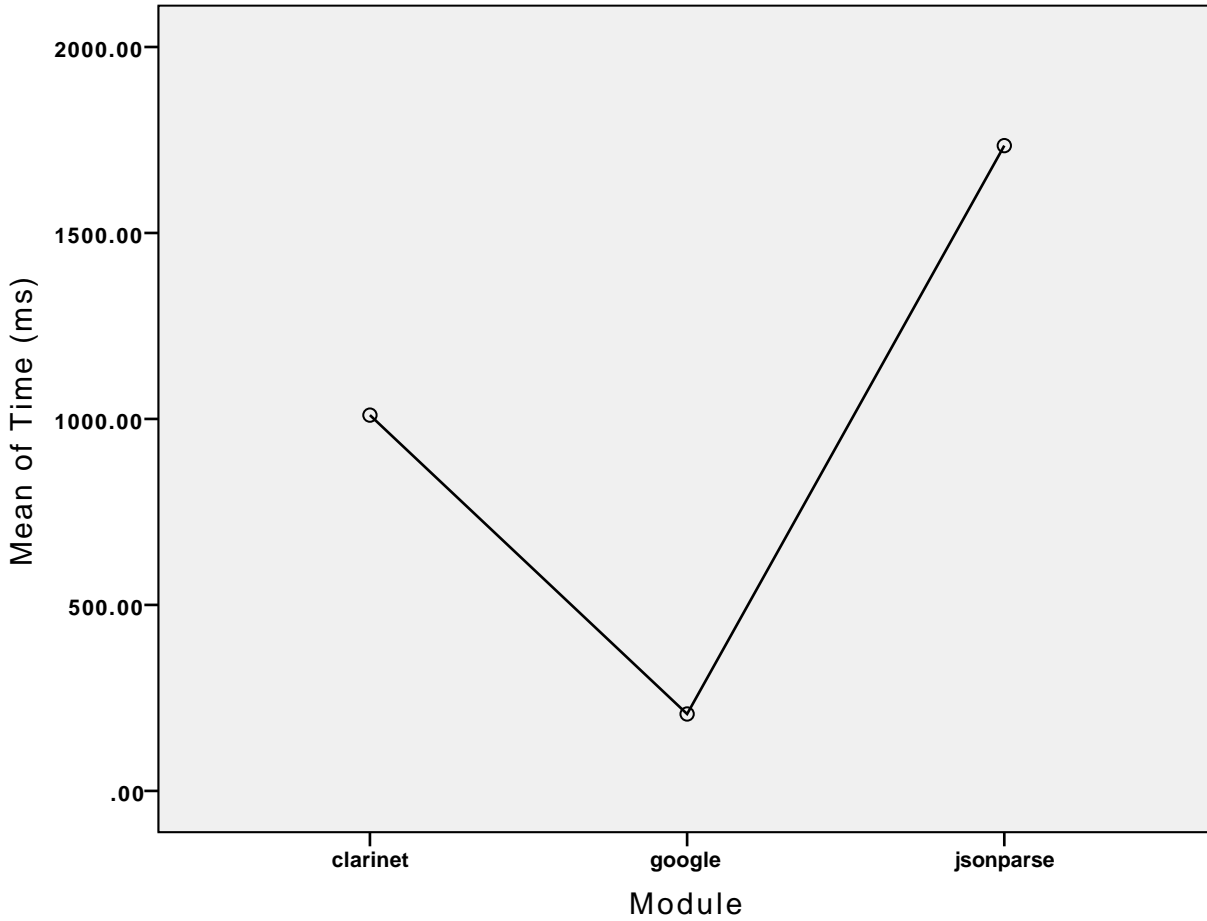| Module	N	Subset for alpha = 0.05		
		1	2	3
google	20	206.8000		
clarinet	20		1010.3000	
jsonparse	20			1734.8000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. File size = big

b. Uses Harmonic Mean Sample Size = 20.000.

Means Plots

File size: big

```
 * Define Variable Properties.
*Time.
VALUE LABELS Time
  142.00 '142.00'
  143.00 '143.00'
  146.00 '146.00'
  148.00 '148.00'
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  162.00 '162.00'
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  177.00 '177.00'
  185.00 '185.00'
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  207.00 '207.00'
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  219.00 '219.00'
  232.00 '232.00'
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  257.00 '257.00'
  383.00 '383.00'
  384.00 '384.00'
  385.00 '385.00'
  386.00 '386.00'
  388.00 '388.00'
  390.00 '390.00'
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667.00  '667.00'
668.00  '668.00'
671.00  '671.00'
672.00  '672.00'
674.00  '674.00'
676.00  '676.00'
681.00  '681.00'
699.00  '699.00'
723.00  '723.00'
834.00  '834.00'
839.00  '839.00'
841.00  '841.00'
844.00  '844.00'
861.00  '861.00'
873.00  '873.00'
878.00  '878.00'
879.00  '879.00'
881.00  '881.00'
882.00  '882.00'
1084.00  '1084.00'
1086.00  '1086.00'
1092.00  '1092.00'
1113.00  '1113.00'
1178.00  '1178.00'
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1213.00  '1213.00'
1266.00  '1266.00'
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1406.00  '1406.00'
1466.00  '1466.00'
1570.00  '1570.00'
1571.00  '1571.00'
1578.00  '1578.00'
1583.00  '1583.00'
1584.00  '1584.00'
1590.00  '1590.00'
1612.00  '1612.00'
1613.00  '1613.00'
1645.00  '1645.00'
1694.00  '1694.00'
1774.00  '1774.00'
1817.00  '1817.00'
1822.00  '1822.00'
1930.00  '1930.00'
1955.00  '1955.00'
1977.00  '1977.00'
1981.00  '1981.00'
1988.00  '1988.00'
2004.00  '2004.00'
2156.00  '2156.00'
2402.00  '2402.00'
2469.00  '2469.00'
2470.00  '2470.00'
2474.00  '2474.00'
2482.00  '2482.00'
2552.00  '2552.00'
2557.00  '2557.00'
2561.00  '2561.00'
2581.00  '2581.00'
2701.00  '2701.00'
4456.00  '4456.00'
4464.00  '4464.00'
4465.00  '4465.00'
```

```
    4466.00 '4466.00'
    4468.00 '4468.00'
    4485.00 '4485.00'
    4538.00 '4538.00'
    4648.00 '4648.00'
    4656.00 '4656.00'.
EXECUTE.
* Define Variable Properties.
EXECUTE.
```