



SSPS

مقاييس النزعة المركزية والتشتت

المقرر: مهارات بحثية

اعداد الباحثة : هبة عبدالله المنيع

اشراف الدكتورة : اميرة جادو

ssps

*تكليف ٧

تقديم عرض (فيديو حوالي خمس دقائق) + الملف مستعرضا الخطوات العملية وطريقة الحصول على مقاييس النزعة المركزية والتشتت للبيانات التالية لثلاث متغيرات باستخدام البرنامج الاحصائي SPSS.

y	x1	x2
16607.7	275.5	17803.7
17511.3	274.4	18096.8
20171.2	269.7	18271.8
20932.9	267	19167.3
20406	267.8	19647.6
20831.6	275	20803.5
24806.3	283	22076.6
26465.8	300.7	23445.2
27403	307.5	24939
28628.7	303.7	26713.7
29904.5	304.7	29957.8
27508.2	298.6	31585.9
29035.5	295.5	33474.5
29281.5	299	34821.8
31535.8	288.1	41794.3

Untitled2 [DataSet1] - IBM SPSS Statistics Data Editor (Trial Mode)

Search application

Visible: 3 of 3 Variables

	y	x1	x2	var	var	var	var	var	var	var	var	var	var	var	var
1	16607.7	275.5	17803.7												
2	17511.3	274.4	18096.8												
3	20171.2	269.7	18271.8												
4	20932.9	267.0	19167.3												
5	20406.0	267.8	19647.6												
6	20831.6	275.0	20803.5												
7	24806.3	283.0	22076.6												
8	26465.8	300.7	23445.2												
9	27403.0	307.5	24939.0												
10	28628.7	303.7	26713.7												
11	29904.5	304.7	29957.8												
12	27508.2	298.6	31585.9												
13	29035.5	295.5	33474.5												
14	29281.5	299.0	34821.8												
15	31535.8	288.1	41794.3												
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22															
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24															

Overview Data View Variable View 30 days left on Full Version Trial Upgrade Here

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Untitled2 [DataSet1] - IBM SPSS Statistics Data Editor (Trial Mode)

Search application

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	y	Numeric	7	1		None	None	11	Right	Scale	Input
2	x1	Numeric	5	1		None	None	11	Right	Scale	Input
3	x2	Numeric	7	1		None	None	11	Right	Scale	Input
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مقاييس النزعة المركزية والتشتت للبيانات التالية

النتائج

تحديد المعطيات للانحراف المعياري

Workbook3 [Document3] - IBM SPSS Statistics Workbook

Active DataSet: DataSet1

Search application

Paragraph

Descriptives

Descriptive Statistics

	N	Range	Minimum	Maximum	Mean	Std. Deviation
y	15	14928.1	16607.7	31535.8	24735.333	4874.1735
x1	15	40.5	267.0	307.5	287.347	14.8066
x2	15	23990.6	17803.7	41794.3	25506.633	7335.4815
Valid N (listwise)	15					

Descriptives: Options

☒ Mean ☐ Sum

Dispersion

☒ Std. deviation ☒ Minimum

☐ Variance ☒ Maximum

☒ Range ☐ S.E. mean

Distribution

☐ Kurtosis ☐ Skewness

Display Order

☒ Variable list

☐ Alphabetic

☐ Ascending means

☐ Descending means

? Cancel Continue

المنوال للمتغيرات والنسبة التراكمية

تحديد المعطيات

Workbook3 [Document3] - IBM SPSS Statistics Workbook

Active DataSet: DataSet1

Search application

Frequencies

Statistics				
		y	x1	x2
N	Valid	15	15	15
	Missing	0	0	0
Std. Error of Mean		1258.5062	3.8230	1894.0132
Std. Deviation		4874.1735	14.8066	7335.4815
Variance		23757567.2	219.234	53809288.8
Range		14928.1	40.5	23990.6
Minimum		16607.7	267.0	17803.7
Maximum		31535.8	307.5	41794.3

Frequency Table

	y	
Frequency		
Percent		
Valid Percent		
Cumulative Percent		

Frequencies: Statistics

Percentile Values

☐ Quartiles

☐ Cut points for: 10 equal groups

☐ Percentile(s):

Add

Change

Remove

Central Tendency

☐ Mean

☐ Median

☐ Mode

☐ Sum

☐ Values are group midpoints

Dispersion

☒ Std. deviation

☒ Minimum

☒ Variance

☒ Maximum

☒ Range

☒ S.E. mean

Distribution

☐ Skewness

☐ Kurtosis

?

Cancel Continue

المنوال للمتغير X2

المنوال للمتغير X1

المنوال للمتغير Y

x2					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	17803.7	1	6.7	6.7	6.7
	18096.8	1	6.7	6.7	13.3
	18271.8	1	6.7	6.7	20.0
	19167.3	1	6.7	6.7	26.7
	19647.6	1	6.7	6.7	33.3
	20803.5	1	6.7	6.7	40.0
	22076.6	1	6.7	6.7	46.7
	23445.2	1	6.7	6.7	53.3
	24939.0	1	6.7	6.7	60.0
	26713.7	1	6.7	6.7	66.7
	29957.8	1	6.7	6.7	73.3
	31585.9	1	6.7	6.7	80.0
	33474.5	1	6.7	6.7	86.7
	34821.8	1	6.7	6.7	93.3
	41794.3	1	6.7	6.7	100.0
Total	15	100.0	100.0		

x1					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	267.0	1	6.7	6.7	6.7
	267.8	1	6.7	6.7	13.3
	269.7	1	6.7	6.7	20.0
	274.4	1	6.7	6.7	26.7
	275.0	1	6.7	6.7	33.3
	275.5	1	6.7	6.7	40.0
	283.0	1	6.7	6.7	46.7
	288.1	1	6.7	6.7	53.3
	295.5	1	6.7	6.7	60.0
	298.6	1	6.7	6.7	66.7
	299.0	1	6.7	6.7	73.3
	300.7	1	6.7	6.7	80.0
	303.7	1	6.7	6.7	86.7
	304.7	1	6.7	6.7	93.3
	307.5	1	6.7	6.7	100.0
Total	15	100.0	100.0		

y					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	16607.7	1	6.7	6.7	6.7
	17511.3	1	6.7	6.7	13.3
	20171.2	1	6.7	6.7	20.0
	20406.0	1	6.7	6.7	26.7
	20831.6	1	6.7	6.7	33.3
	20932.9	1	6.7	6.7	40.0
	24806.3	1	6.7	6.7	46.7
	26465.8	1	6.7	6.7	53.3
	27403.0	1	6.7	6.7	60.0
	27508.2	1	6.7	6.7	66.7
	28628.7	1	6.7	6.7	73.3
	29035.5	1	6.7	6.7	80.0
	29281.5	1	6.7	6.7	86.7
	29904.5	1	6.7	6.7	93.3
	31535.8	1	6.7	6.7	100.0
Total	15	100.0	100.0		