

```

GET
  FILE='W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\IceCreamC
alories.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
EXAMINE VARIABLES=Calories BY Brand
  /PLOT BOXPLOT STEMLEAF
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.

```

Explore

Notes

Output Created		20-JUN-2017 13:52:39
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\IceCreamCalories.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	201
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=Calories BY Brand /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:01.17
	Elapsed Time	00:00:01.85

[DataSet1] W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\IceCreamCalories.sav

Brand

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Calories	Ben and Jerry's	50	100.0%	0	0.0%	50	100.0%
	Cold Stone	45	100.0%	0	0.0%	45	100.0%
	Dryers	106	100.0%	0	0.0%	106	100.0%

Descriptives

Brand			Statistic	Std. Error	
Calories	Ben and Jerry's	Mean	252.40	7.921	
		95% Confidence Interval for Mean	Lower Bound	236.48	
			Upper Bound	268.32	
		5% Trimmed Mean	254.67		
		Median	265.00		
		Variance	3136.980		
		Std. Deviation	56.009		
		Minimum	110		
		Maximum	360		
		Range	250		
		Interquartile Range	70		
		Skewness	-.748	.337	
		Kurtosis	.474	.662	
		Cold Stone	Cold Stone	Mean	352.89
95% Confidence Interval for Mean	Lower Bound			328.78	
	Upper Bound			377.00	
5% Trimmed Mean	360.06				
Median	390.00				
Variance	6439.192				
Std. Deviation	80.245				
Minimum	130				
Maximum	440				
Range	310				
Interquartile Range	40				
Skewness	-1.582			.354	
Kurtosis	1.155			.695	
Dryers	Dryers			Mean	130.09
		95% Confidence Interval for Mean	Lower Bound	124.81	
			Upper Bound	135.38	

Descriptives

Brand		Statistic	Std. Error
	5% Trimmed Mean	129.44	
	Median	120.00	
	Variance	753.801	
	Std. Deviation	27.455	
	Minimum	90	
	Maximum	190	
	Range	100	
	Interquartile Range	40	
	Skewness	.323	.235
	Kurtosis	-1.020	.465

Calories

Stem-and-Leaf Plots

Calories Stem-and-Leaf Plot for
Brand= Ben and Jerry's

```

Frequency      Stem & Leaf

      2.00 Extremes      (= <110)
      1.00          1 .  3
      7.00          1 .  7789999
      7.00          2 .  1223344
     23.00          2 .  55556666777778888888999
      8.00          3 .  00011113
      2.00          3 .  56
  
```

```

Stem width:      100
Each leaf:      1 case(s)
  
```

Calories Stem-and-Leaf Plot for
Brand= Cold Stone

```

Frequency      Stem & Leaf

     10.00 Extremes      (= <290)
      1.00          35 .  0
  
```

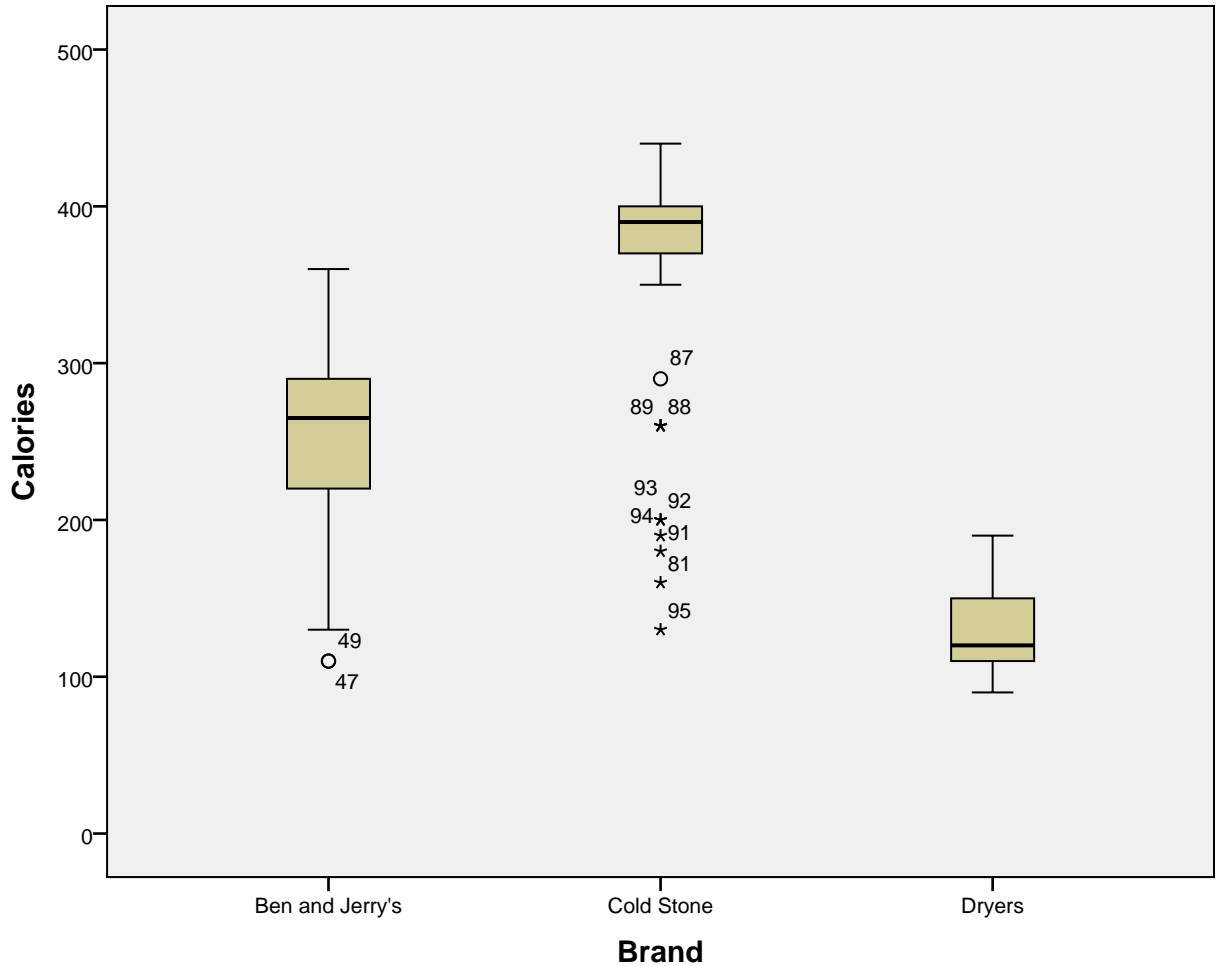
.00	36 .
2.00	37 . 00
3.00	38 . 000
16.00	39 . 0000000000000000
9.00	40 . 000000000
2.00	41 . 00
1.00	42 . 0
.00	43 .
1.00	44 . 0

Stem width: 10
Each leaf: 1 case(s)

Calories Stem-and-Leaf Plot for
Brand= Dryers

Frequency	Stem &	Leaf
10.00	9 .	0000000005
14.00	10 .	00000000000005
12.00	11 .	000000000000
18.00	12 .	00000000000000000
10.00	13 .	0000000000
7.00	14 .	0000000
12.00	15 .	000000000000
6.00	16 .	000000
11.00	17 .	00000000000
5.00	18 .	00000
1.00	19 .	0

Stem width: 10
Each leaf: 1 case(s)



GET

FILE='W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\HeightWeightTemp.sav'.

>Warning # 67. Command name: GET FILE

>The document is already in use by another user or process. If you make changes to the document they may overwrite changes made by others or your changes may be overwritten by others.

>File opened W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\HeightWeightTemp.sav

DATASET NAME DataSet2 WINDOW=FRONT.

* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Height MISSING=LISTWISE REPORTMI

```

SSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Height=col(source(s), name("Height"))
  GUIDE: axis(dim(1), label("Height (in inches)"))
  GUIDE: axis(dim(2), label("Frequency"))
  ELEMENT: interval(position(summary.count(bin.rect(Height))), shape.interior(
shape.square))
END GPL.

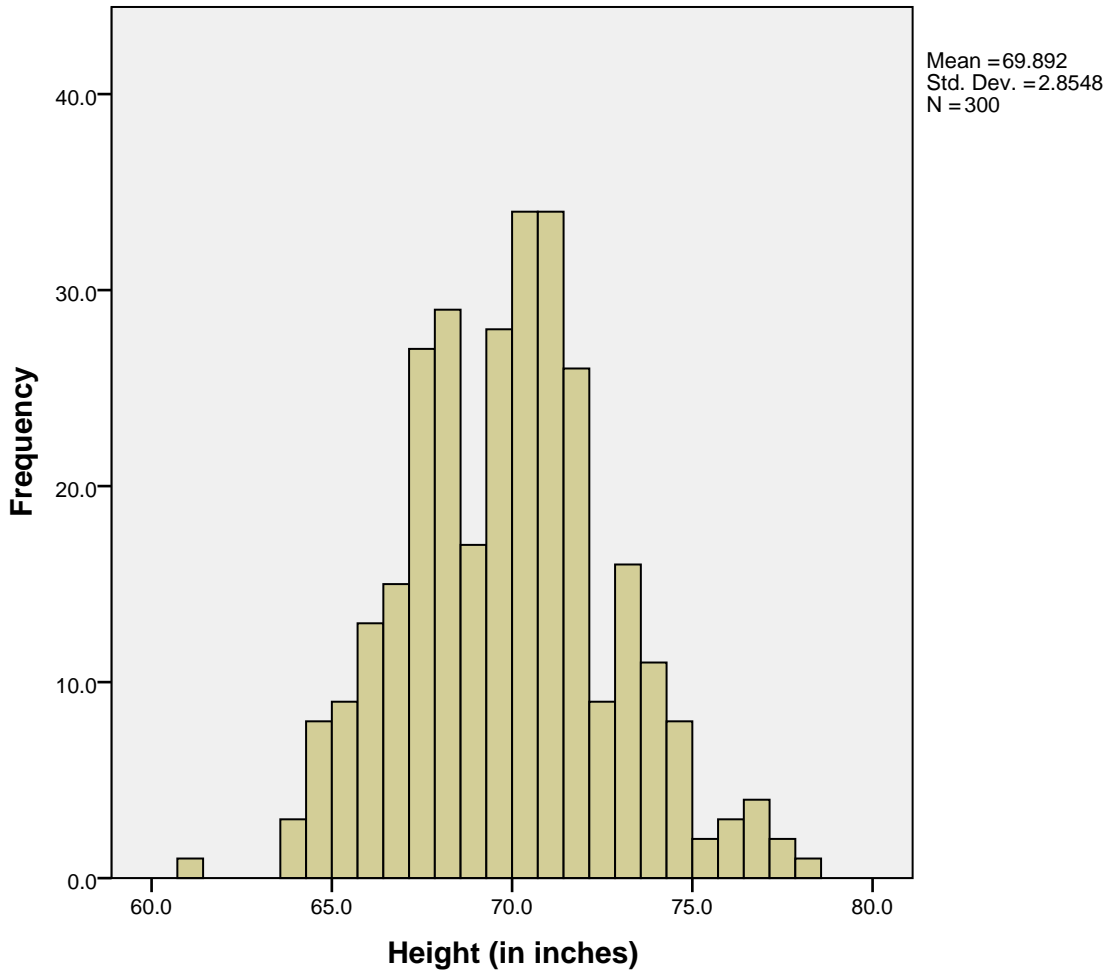
```

GGraph

Notes

Output Created		20-JUN-2017 13:55:03
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\HeightWeightTemp.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	300
Syntax		GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=Height MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: Height=col(source(s), name ("Height")) GUIDE: axis(dim(1), label("Height (in inches)") GUIDE: axis(dim(2), label ("Frequency")) ELEMENT: interval(position (summary.count(bin.rect(Height))), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.80
	Elapsed Time	00:00:00.45

[DataSet2] W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\Height WeightTemp.sav



* Chart Builder.

GGRAPH

```
/GRAPHDATASET NAME="graphdataset" VARIABLES=Weight MISSING=LISTWISE REPORTMISSING=NO
```

```
/GRAPHSPEC SOURCE=INLINE.
```

BEGIN GPL

```
SOURCE: s=userSource(id("graphdataset"))
```

```
DATA: Weight=col(source(s), name("Weight"))
```

```
GUIDE: axis(dim(1), label("Weight (in pounds)"))
```

```
GUIDE: axis(dim(2), label("Frequency"))
```

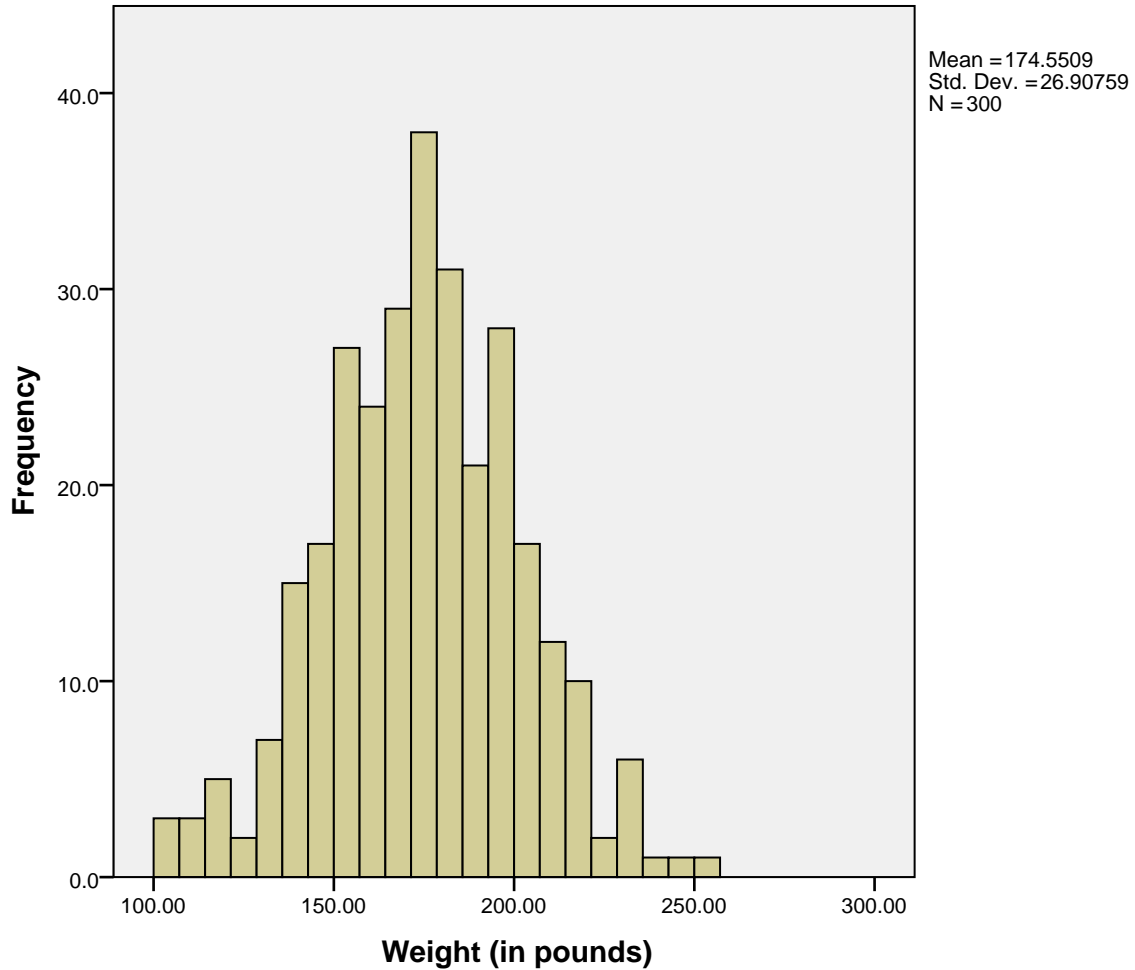
```
ELEMENT: interval(position(summary.count(bin.rect(Weight))), shape.interior(shape.square))
```

END GPL.

GGraph

Notes

Output Created		20-JUN-2017 13:55:22
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\HeightWeightTemp.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	300
Syntax		GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=Weight MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: Weight=col(source(s), name ("Weight")) GUIDE: axis(dim(1), label("Weight (in pounds)")) GUIDE: axis(dim(2), label ("Frequency")) ELEMENT: interval(position (summary.count(bin.rect(Weight))), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.39
	Elapsed Time	00:00:00.50



* Chart Builder.

GGRAPH

```
/GRAPHDATASET NAME="graphdataset" VARIABLES=Temperature MISSING=LISTWISE REP
ORTMISSING=NO
```

```
/GRAPHSPEC SOURCE=INLINE.
```

BEGIN GPL

```
SOURCE: s=userSource(id("graphdataset"))
```

```
DATA: Temperature=col(source(s), name("Temperature"))
```

```
GUIDE: axis(dim(1), label("Body Temp (in degrees Fahrenheit)"))
```

```
GUIDE: axis(dim(2), label("Frequency"))
```

```
ELEMENT: interval(position(summary.count(bin.rect(Temperature))), shape.inte
rior(shape.square))
```

END GPL.

GGraph

Notes

Output Created		20-JUN-2017 13:56:50
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\HeightWeightTemp.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	300
Syntax		GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=Temperature MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: Temperature=col(source(s), name("Temperature")) GUIDE: axis(dim(1), label("Body Temp (in degrees Fahrenheit)") GUIDE: axis(dim(2), label ("Frequency")) ELEMENT: interval(position (summary.count(bin.rect (Temperature))), shape.interior (shape.square)) END GPL.
Resources	Processor Time	00:00:00.28
	Elapsed Time	00:00:00.27

