

```

GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.
sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=MonopolyPrices MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: MonopolyPrices=col(source(s), name("MonopolyPrices"))
  COORD: rect(dim(1))
  GUIDE: axis(dim(1), label("Monopoly Prices"))
  ELEMENT: point.dodge.asymmetric(position(bin.dot(MonopolyPrices)))
END GPL.

```

## GGraph

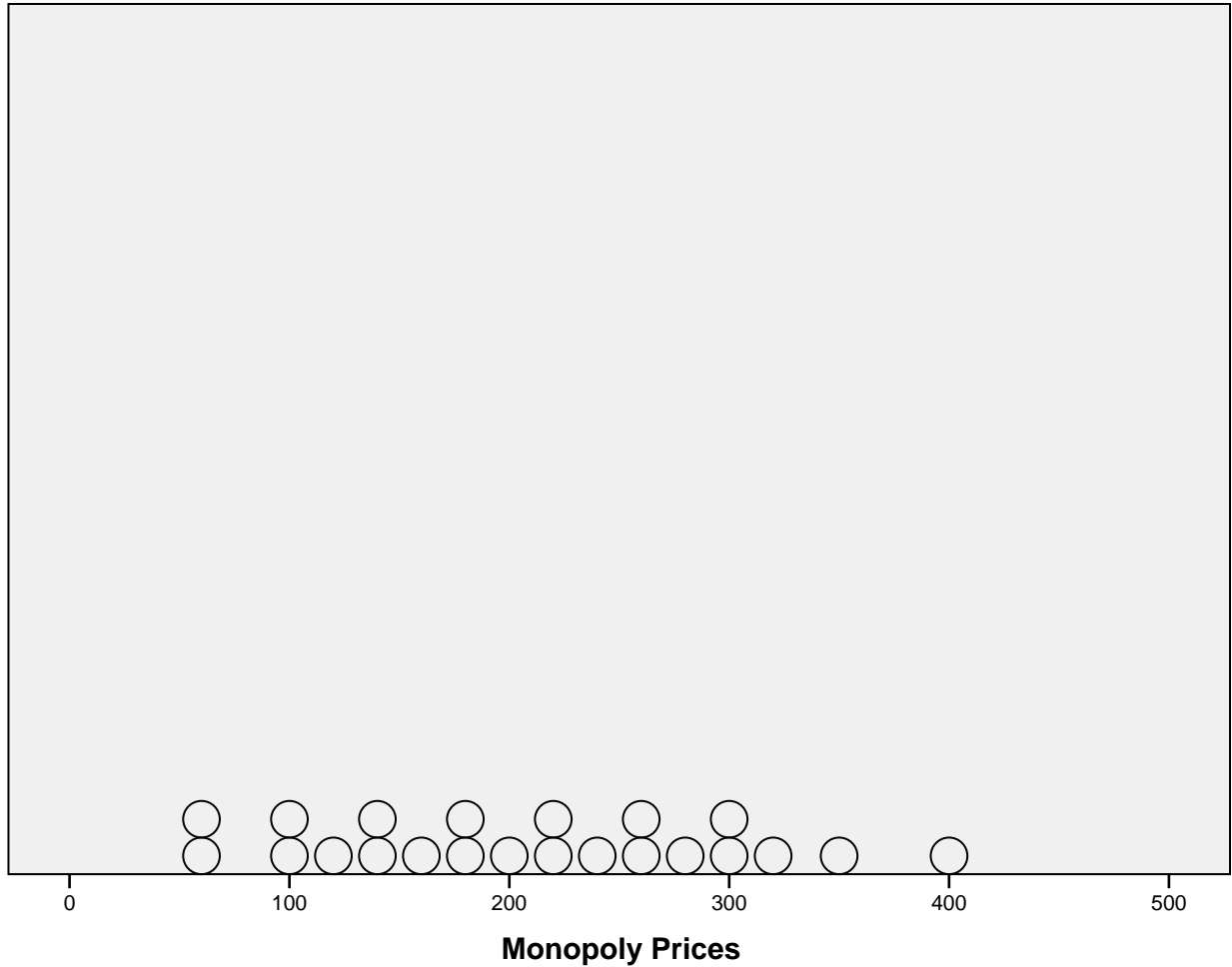
### Notes

Output Created	21-JUN-2017 17:32:44	
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	99

**Notes**

Syntax	<pre>GGRAPH   /GRAPHDATASET NAME=" graphdataset" VARIABLES=MonopolyPrices MISSING=LISTWISE REPORTMISSING=NO   /GRAPHSPEC SOURCE=INLINE. BEGIN GPL   SOURCE: s=userSource(id ("graphdataset"))   DATA: MonopolyPrices=col(source (s), name("MonopolyPrices"))   COORD: rect(dim(1))   GUIDE: axis(dim(1), label ("Monopoly Prices"))   ELEMENT: point.dodge. asymmetric(position(bin.dot (MonopolyPrices))) END GPL.</pre>	
Resources	Processor Time	00:00:01.41
	Elapsed Time	00:00:01.76

[DataSet1] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.sav



\* Chart Builder.

GGRAPH

  /GRAPHDATASET NAME="graphdataset" VARIABLES=QuizPct MISSING=LISTWISE REPORTM  
ISSING=NO

  /GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

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

  DATA: QuizPct=col(source(s), name("QuizPct"))

  COORD: rect(dim(1))

  GUIDE: axis(dim(1), label("Quiz Pct"))

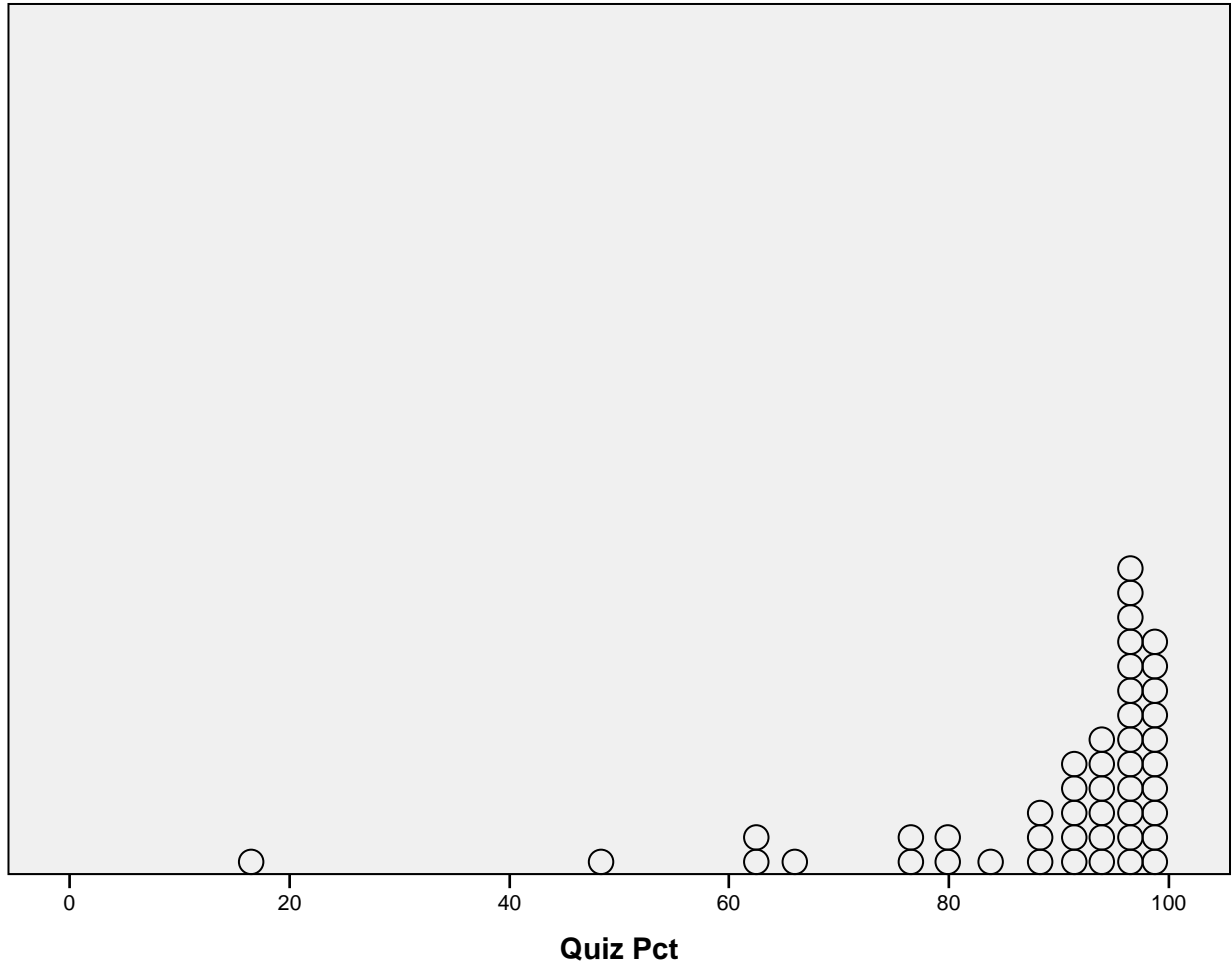
  ELEMENT: point.dodge.asymmetric(position(bin.dot(QuizPct)))

END GPL.

**GGraph**

**Notes**

Output Created		21-JUN-2017 17:33:23
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	99
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=QuizPct MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: QuizPct=col(source(s), name("QuizPct")) COORD: rect(dim(1)) GUIDE: axis(dim(1), label("Quiz Pct")) ELEMENT: point.dodge. asymmetric(position(bin.dot (QuizPct))) END GPL.
Resources	Processor Time	00:00:00.47
	Elapsed Time	00:00:00.28



\* Chart Builder.

GGRAPH

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

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

BEGIN GPL

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

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

```
COORD: rect(dim(1))
```

```
GUIDE: axis(dim(1), label("Snowfall Amounts"))
```

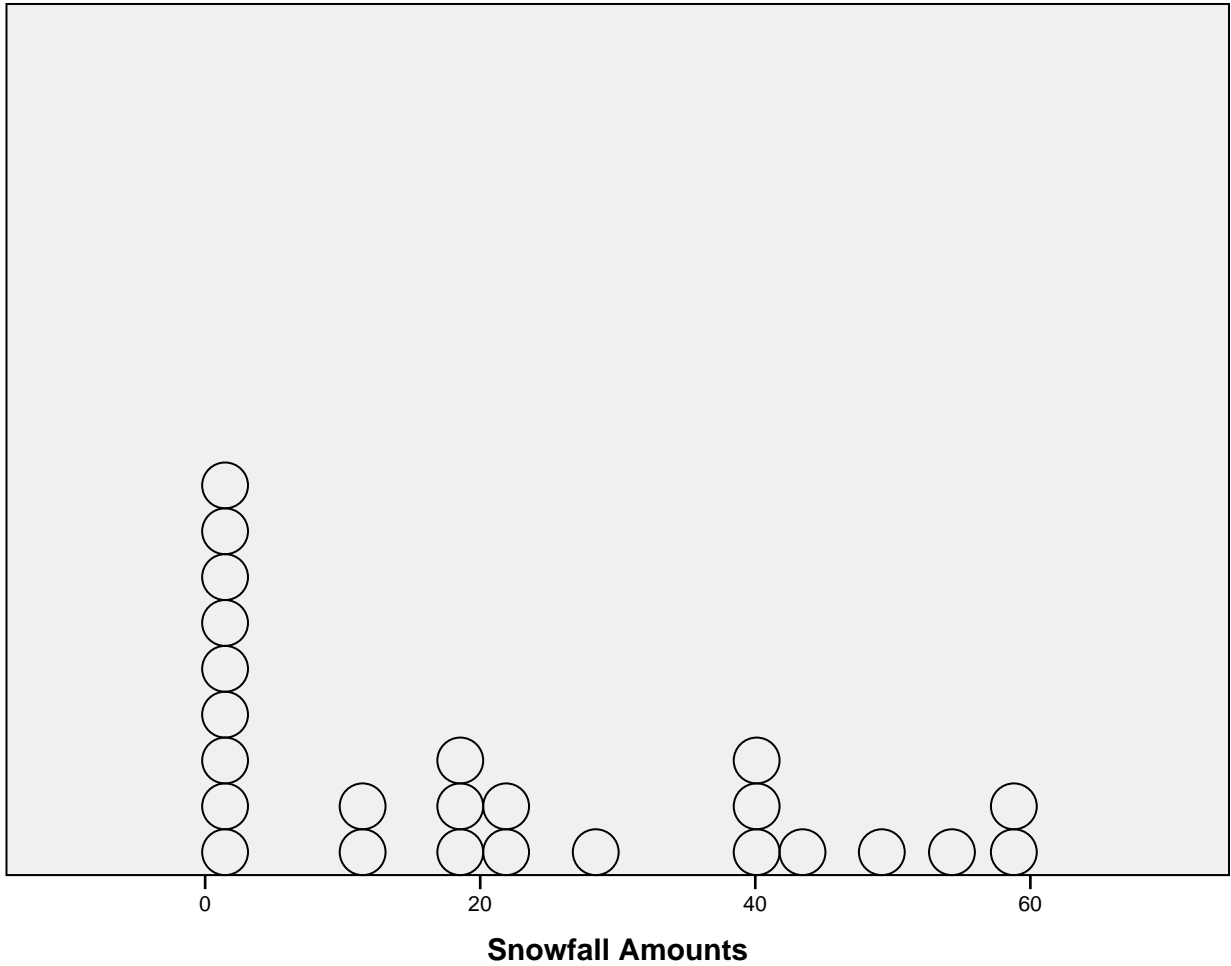
```
ELEMENT: point.dodge.asymmetric(position(bin.dot(SnowfallAmounts)))
```

END GPL.

**GGraph**

**Notes**

Output Created		21-JUN-2017 17:34:00
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	99
Syntax		GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=SnowfallAmounts MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: SnowfallAmounts=col (source(s), name ("SnowfallAmounts")) COORD: rect(dim(1)) GUIDE: axis(dim(1), label("Snowfall Amounts")) ELEMENT: point.dodge. asymmetric(position(bin.dot (SnowfallAmounts))) END GPL.
Resources	Processor Time	00:00:00.31
	Elapsed Time	00:00:00.34



```
EXAMINE VARIABLES=MonopolyPrices SnowfallAmounts QuizPct  
/PLOT BOXPLOT STEMLEAF  
/COMPARE GROUPS  
/STATISTICS DESCRIPTIVES  
/CINTERVAL 95  
/MISSING LISTWISE  
/NOTOTAL.
```

## Explore

**Notes**

Output Created		21-JUN-2017 17:36:11
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	99
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=MonopolyPrices SnowfallAmounts QuizPct /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:01.19
	Elapsed Time	00:00:00.89

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Monopoly Prices	21	21.2%	78	78.8%	99	100.0%
Snowfall Amounts	21	21.2%	78	78.8%	99	100.0%
Quiz Pct	21	21.2%	78	78.8%	99	100.0%



**Descriptives**

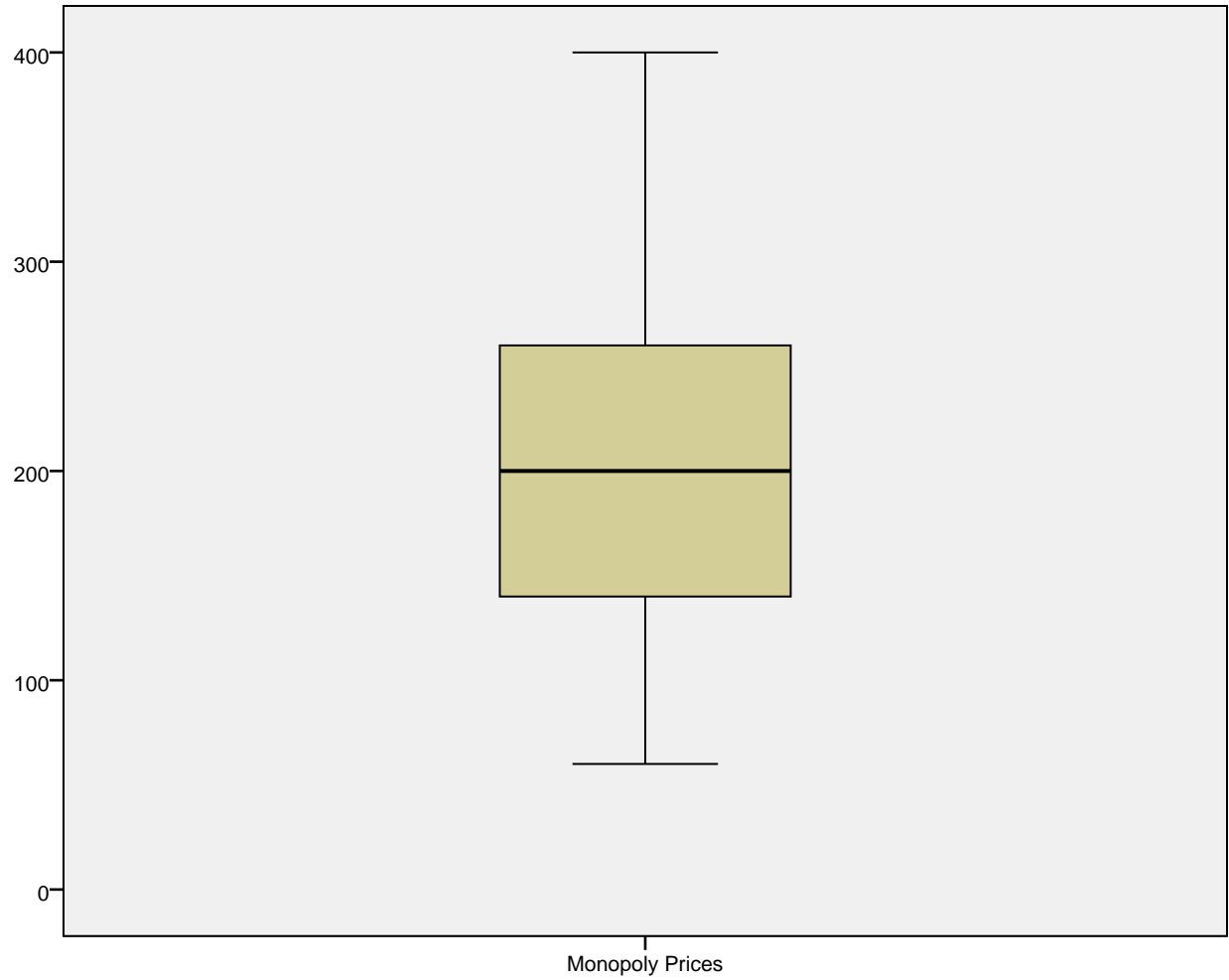
		Statistic	Std. Error	
Monopoly Prices	Mean	205.24	20.766	
	95% Confidence Interval for Mean	Lower Bound	161.92	
		Upper Bound	248.56	
	5% Trimmed Mean	202.62		
	Median	200.00		
	Variance	9056.190		
	Std. Deviation	95.164		
	Minimum	60		
	Maximum	400		
	Range	340		
	Interquartile Range	150		
	Skewness	.273	.501	
	Kurtosis	-.658	.972	
Snowfall Amounts	Mean	23.36	4.810	
	95% Confidence Interval for Mean	Lower Bound	13.32	
		Upper Bound	33.39	
	5% Trimmed Mean	22.64		
	Median	20.00		
	Variance	485.942		
	Std. Deviation	22.044		
	Minimum	0		
	Maximum	60		
	Range	60		
	Interquartile Range	42		
	Skewness	.322	.501	
	Kurtosis	-1.479	.972	
Quiz Pct	Mean	90.66	2.578	
	95% Confidence Interval for Mean	Lower Bound	85.28	
		Upper Bound	96.04	
	5% Trimmed Mean	92.52		
	Median	95.80		
	Variance	139.608		
	Std. Deviation	11.816		
	Minimum	48		
	Maximum	98		
	Range	50		
	Interquartile Range	10		
	Skewness	-2.635	.501	
	Kurtosis	7.978	.972	

## Monopoly Prices

Monopoly Prices Stem-and-Leaf Plot

Frequency	Stem &	Leaf
2.00	0 .	66
5.00	1 .	00244
3.00	1 .	688
4.00	2 .	0224
2.00	2 .	66
3.00	3 .	002
1.00	3 .	5
1.00	4 .	0

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

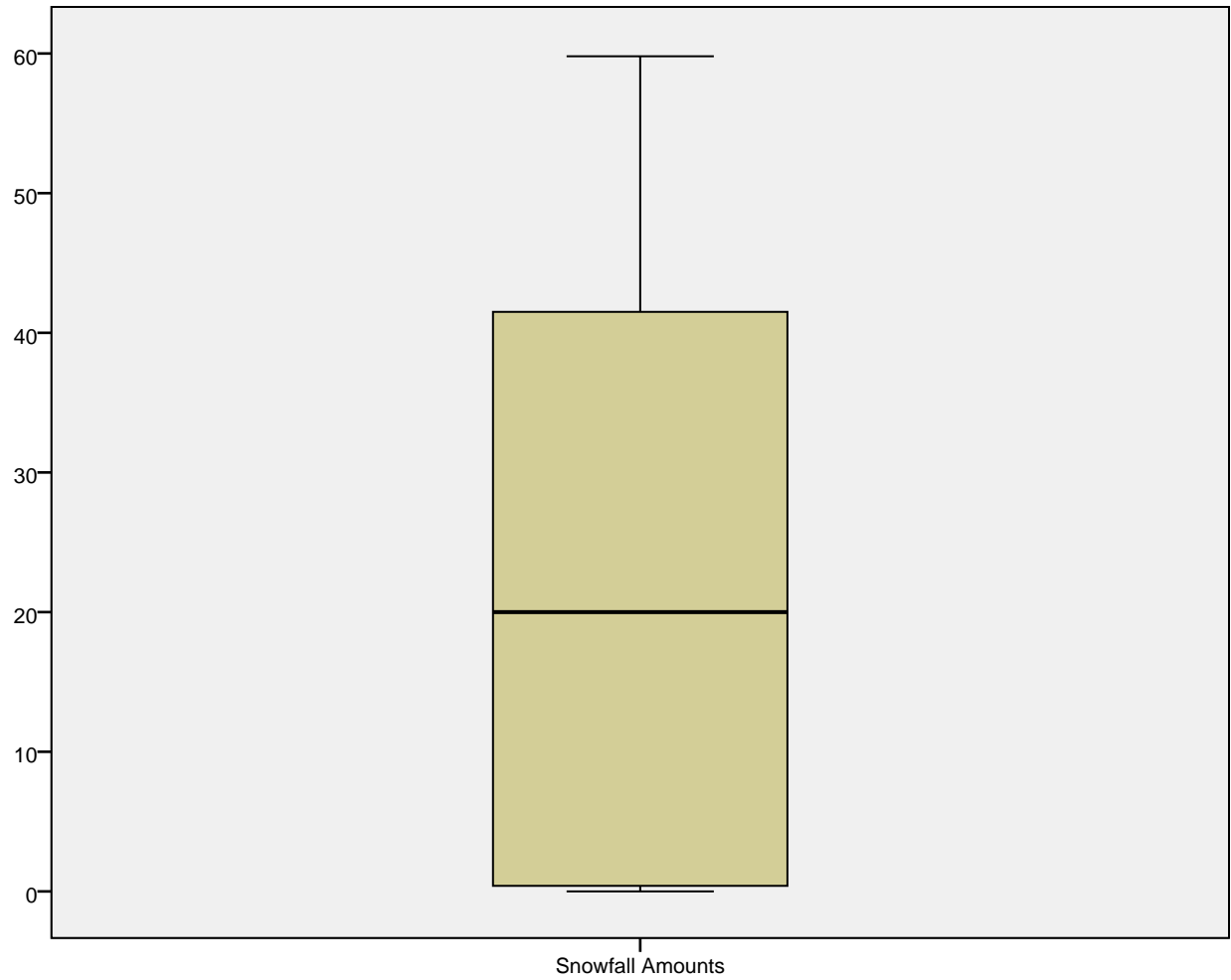


## Snowfall Amounts

Snowfall Amounts Stem-and-Leaf Plot

Frequency	Stem &	Leaf
8.00	0 .	00000022
2.00	1 .	09
3.00	2 .	018
1.00	3 .	8
4.00	4 .	0129
3.00	5 .	479

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



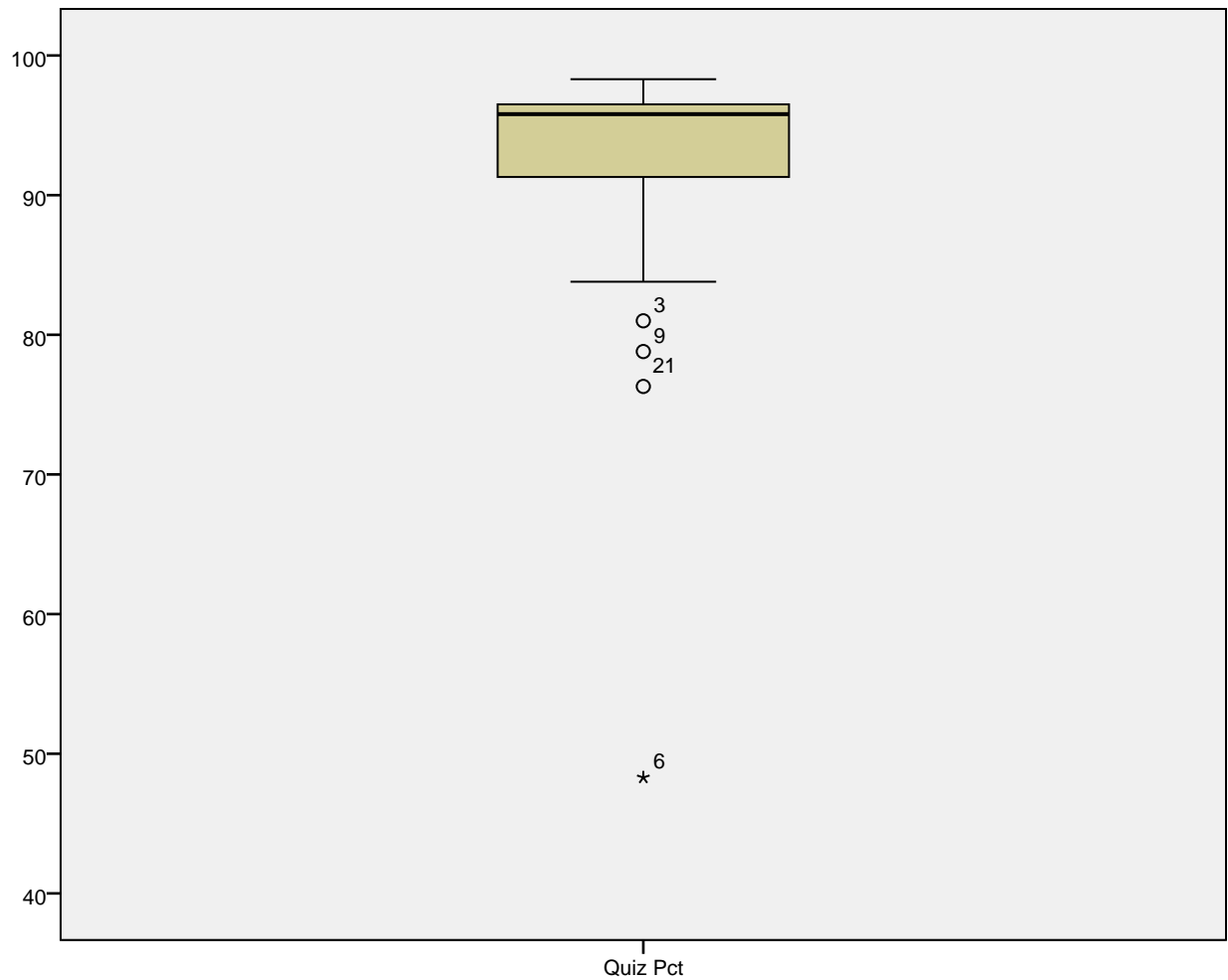
## Quiz Pct

Quiz Pct Stem-and-Leaf Plot

Frequency	Stem &	Leaf
4.00	Extremes	(=<81)
1.00	8 .	3
.00	8 .	
.00	8 .	
.00	8 .	
1.00	9 .	1
1.00	9 .	2
4.00	9 .	4455
7.00	9 .	6666677

3.00            9 . 888

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



```
GET  
FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.  
sav'.  
DATASET NAME DataSet2 WINDOW=FRONT.  
* Chart Builder.  
GGRAPH  
/GRAPHDATASET NAME="graphdataset" VARIABLES=Weight MISSING=LISTWISE REPORTMI  
SSING=NO
```

```

/GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
SOURCE: s=userSource(id("graphdataset"))
DATA: Weight=col(source(s), name("Weight"))
COORD: rect(dim(1))
GUIDE: axis(dim(1), label("Weight"))
ELEMENT: point.dodge.asymmetric(position(bin.dot(Weight)))
END GPL.

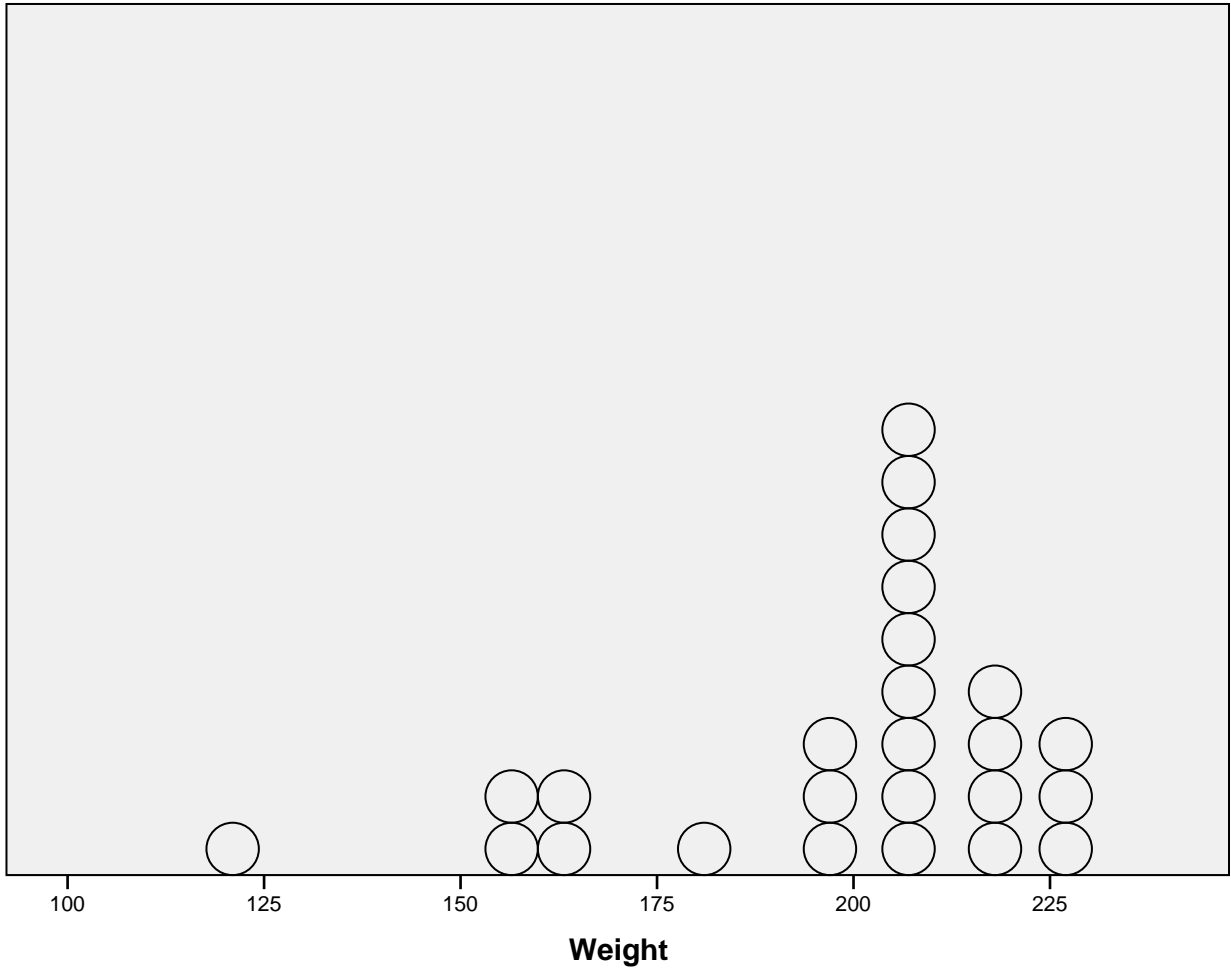
```

## GGraph

### Notes

Output Created	21-JUN-2017 17:43:37	
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
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")) COORD: rect(dim(1)) GUIDE: axis(dim(1), label("Weight")) ELEMENT: point.dodge.asymmetric(position(bin.dot(Weight))) END GPL.	
Resources	Processor Time	00:00:00.27
	Elapsed Time	00:00:00.28

[DataSet2] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav



```
EXAMINE VARIABLES=Weight  
  /PLOT BOXPLOT STEMLEAF  
  /COMPARE GROUPS  
  /STATISTICS DESCRIPTIVES  
  /CINTERVAL 95  
  /MISSING LISTWISE  
  /NOTOTAL.
```

## Explore

**Notes**

Output Created		21-JUN-2017 17:46:47
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
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=Weight /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.37
	Elapsed Time	00:00:00.28

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Weight	25	100.0%	0	0.0%	25	100.0%



### Descriptives

		Statistic	Std. Error
Weight	Mean	197.96	5.377
	95% Confidence Interval for Mean	Lower Bound 186.86	
		Upper Bound 209.06	
	5% Trimmed Mean	200.19	
	Median	205.00	
	Variance	722.873	
	Std. Deviation	26.886	
	Minimum	121	
	Maximum	229	
	Range	108	
	Interquartile Range	30	
	Skewness	-1.382	.464
	Kurtosis	1.476	.902

## Weight

Weight Stem-and-Leaf Plot

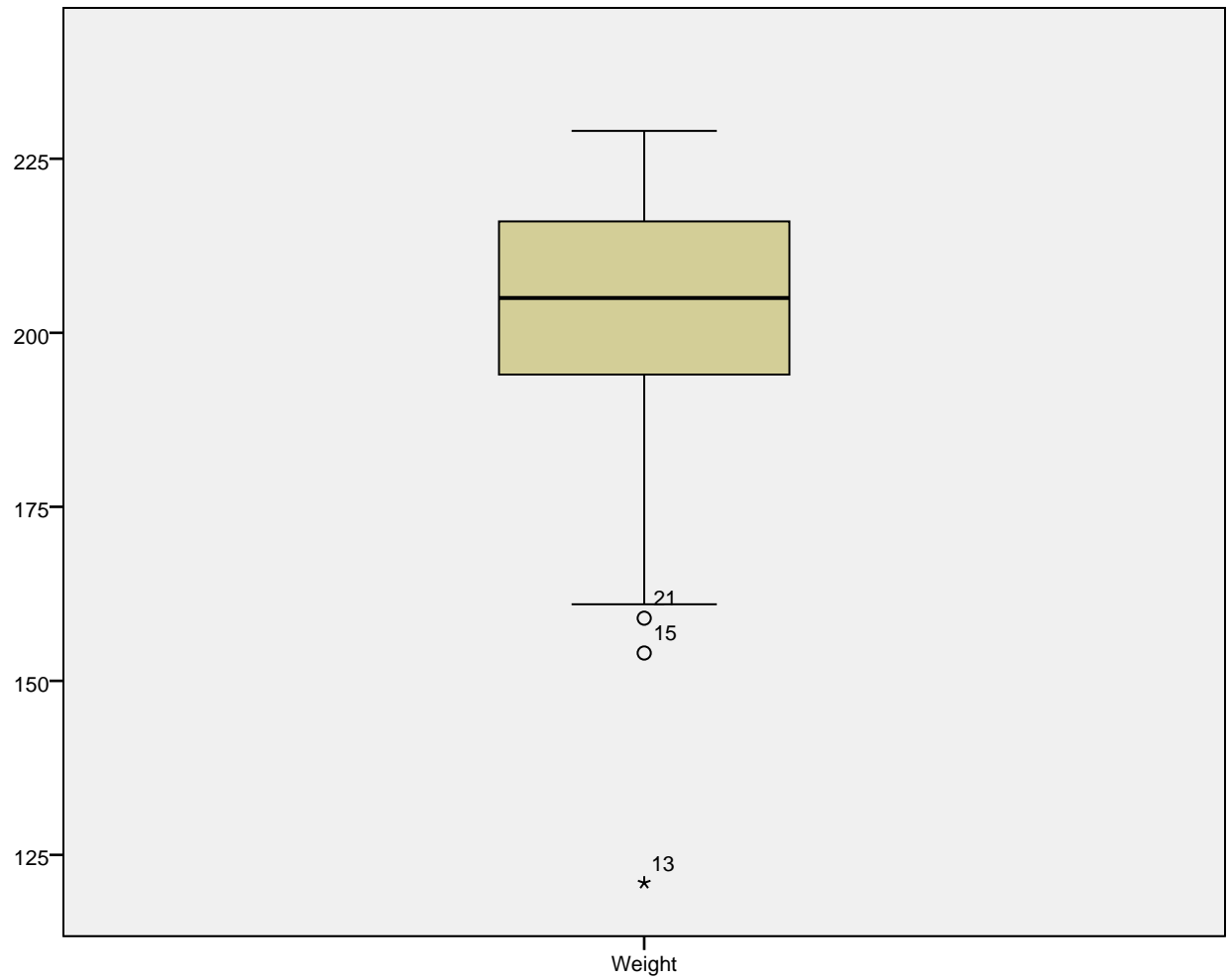
```

Frequency      Stem & Leaf

    3.00 Extremes      (= <159)
    2.00      16 . 11
     .00      17 .
    1.00      18 . 1
    1.00      19 . 4
   11.00      20 . 00555599999
    2.00      21 . 68
    5.00      22 . 00559
  
```

```

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



```

EXAMINE VARIABLES=Weight
/PLOT BOXPLOT STEMLEAF
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

## Explore

**Notes**

Output Created		21-JUN-2017 17:48:48
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
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=Weight /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.31
	Elapsed Time	00:00:00.25

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Weight	24	96.0%	1	4.0%	25	100.0%

### Descriptives

		Statistic	Std. Error	
Weight	Mean	201.17	4.500	
	95% Confidence Interval for Mean	Lower Bound	191.86	
		Upper Bound	210.48	
	5% Trimmed Mean	202.23		
	Median	207.00		
	Variance	486.058		
	Std. Deviation	22.047		
	Minimum	154		
	Maximum	229		
	Range	75		
	Interquartile Range	22		
	Skewness	-1.086	.472	
	Kurtosis	.181	.918	

## Weight

Weight Stem-and-Leaf Plot

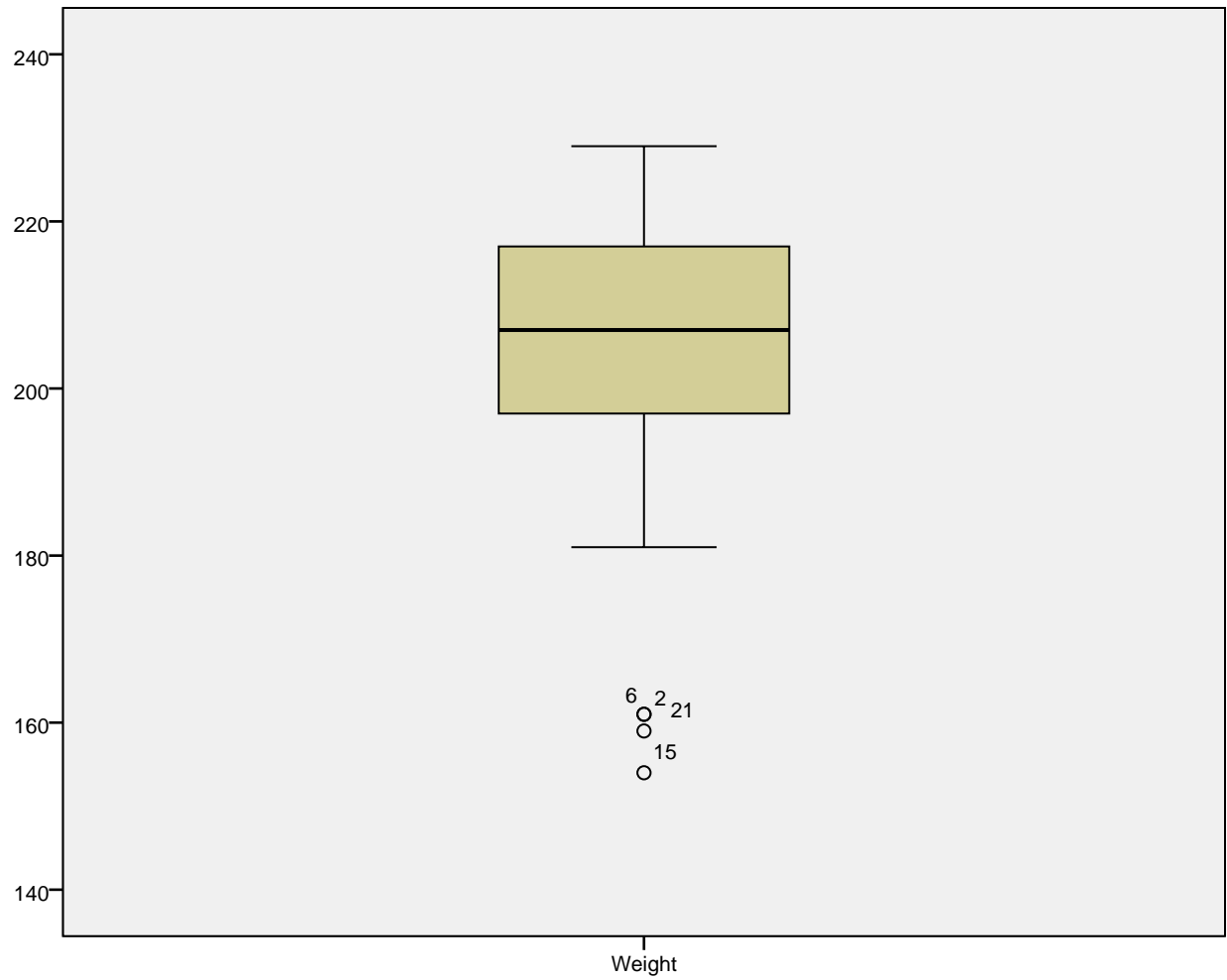
```

Frequency      Stem & Leaf

      4.00 Extremes      (= <161)
      1.00      18 . 1
       .00      18 .
      1.00      19 . 4
       .00      19 .
      2.00      20 . 00
      9.00      20 . 555599999
       .00      21 .
      2.00      21 . 68
      2.00      22 . 00
      3.00      22 . 559
  
```

```

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



```
EXAMINE VARIABLES=Weight  
  /PLOT BOXPLOT STEMLEAF  
  /COMPARE GROUPS  
  /STATISTICS DESCRIPTIVES  
  /CINTERVAL 95  
  /MISSING LISTWISE  
  /NOTOTAL.
```

## Explore

**Notes**

Output Created		21-JUN-2017 17:50:47
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
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=Weight /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.25
	Elapsed Time	00:00:00.28

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Weight	24	96.0%	1	4.0%	25	100.0%

### Descriptives

		Statistic	Std. Error
Weight	Mean	205.33	6.906
	95% Confidence Interval for Mean	Lower Bound 191.05 Upper Bound 219.62	
	5% Trimmed Mean	202.23	
	Median	207.00	
	Variance	1144.754	
	Std. Deviation	33.834	
	Minimum	154	
	Maximum	329	
	Range	175	
	Interquartile Range	22	
	Skewness	1.826	.472
	Kurtosis	7.508	.918

## Weight

Weight Stem-and-Leaf Plot

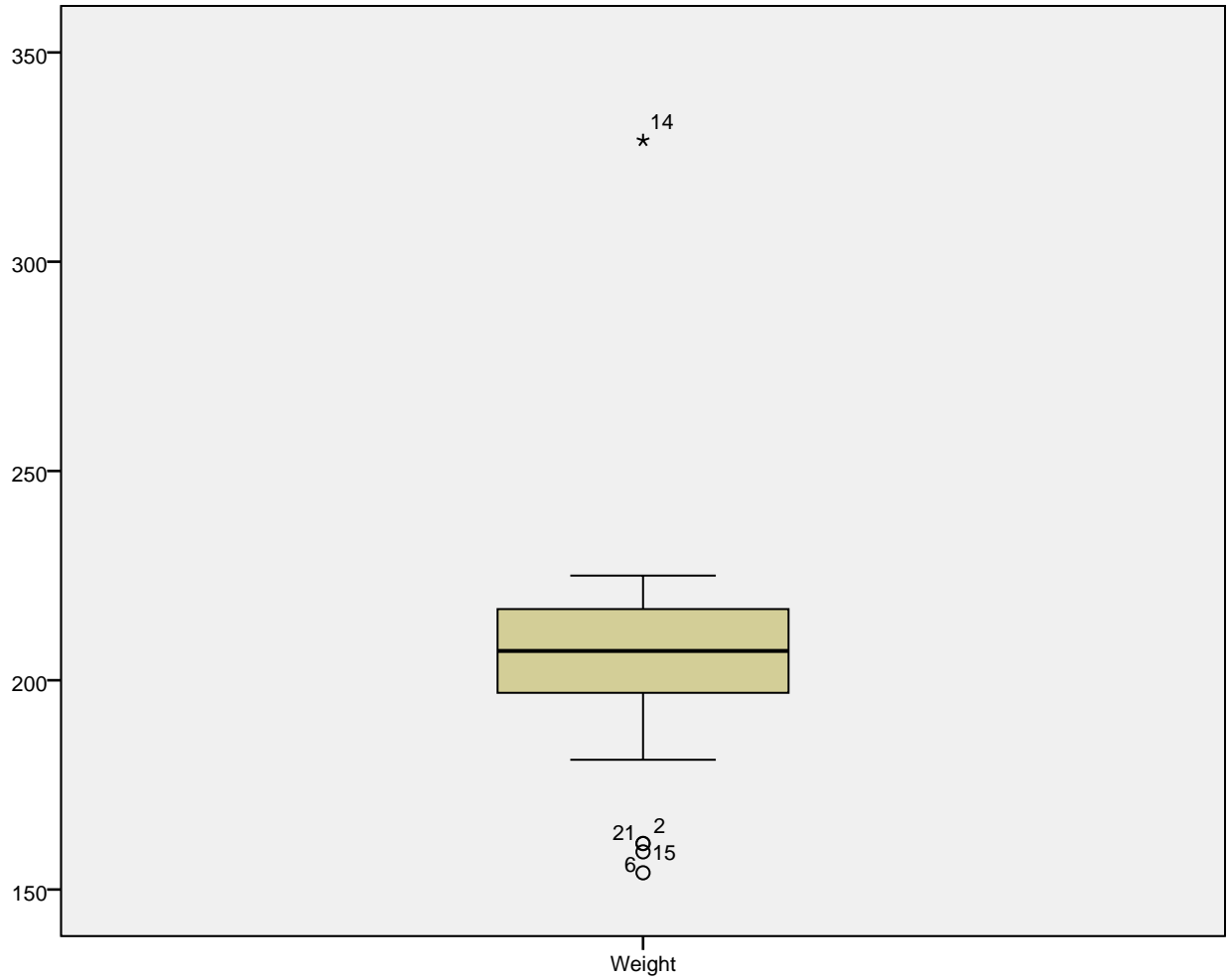
```

Frequency      Stem & Leaf

      4.00 Extremes      (= <161)
      1.00      18 . 1
       .00      18 .
      1.00      19 . 4
       .00      19 .
      2.00      20 . 00
      9.00      20 . 555599999
       .00      21 .
      2.00      21 . 68
      2.00      22 . 00
      2.00      22 . 55
      1.00 Extremes      (>=329)
  
```

```

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



```

EXAMINE VARIABLES=Weight
/PLOT BOXPLOT STEMLEAF
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

## Explore



**Notes**

Output Created		21-JUN-2017 17:52:57
Input	Data	W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Rowers08.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
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=Weight /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.22
	Elapsed Time	00:00:00.23

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Weight	24	96.0%	1	4.0%	25	100.0%

### Descriptives

		Statistic	Std. Error
Weight	Mean	284.50	84.655
	95% Confidence Interval for Mean	Lower Bound 109.38 Upper Bound 459.62	
	5% Trimmed Mean	202.23	
	Median	207.00	
	Variance	171993.304	
	Std. Deviation	414.721	
	Minimum	154	
	Maximum	2229	
	Range	2075	
	Interquartile Range	22	
	Skewness	4.878	.472
	Kurtosis	23.857	.918

## Weight

Weight Stem-and-Leaf Plot

```

Frequency      Stem & Leaf

      4.00 Extremes      (= <161)
      1.00      18 . 1
       .00      18 .
      1.00      19 . 4
       .00      19 .
      2.00      20 . 00
      9.00      20 . 555599999
       .00      21 .
      2.00      21 . 68
      2.00      22 . 00
      2.00      22 . 55
      1.00 Extremes      (>=2229)
  
```

```

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

