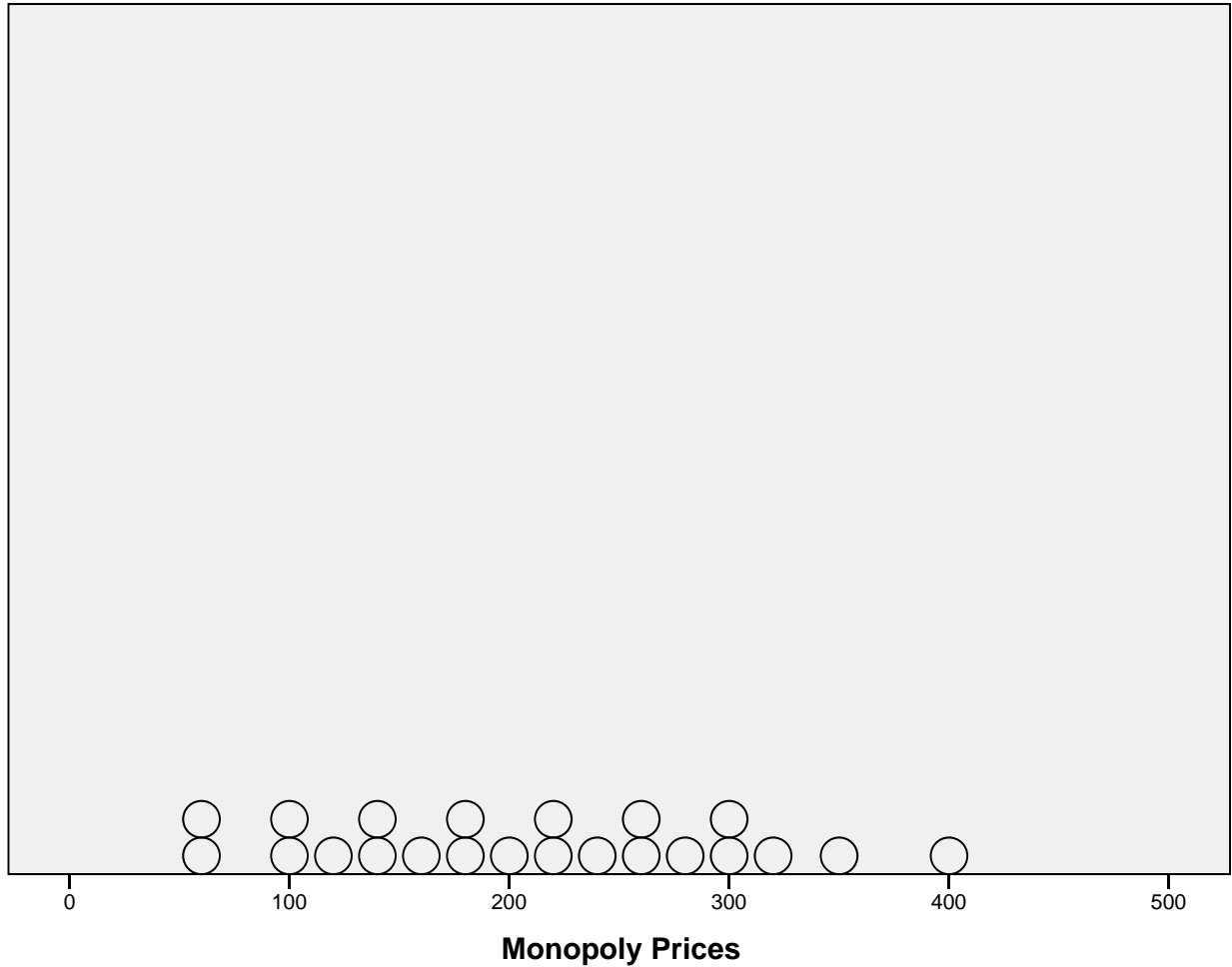


```
GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching.
sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=MonopolyPrices MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  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

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



* 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"))
```

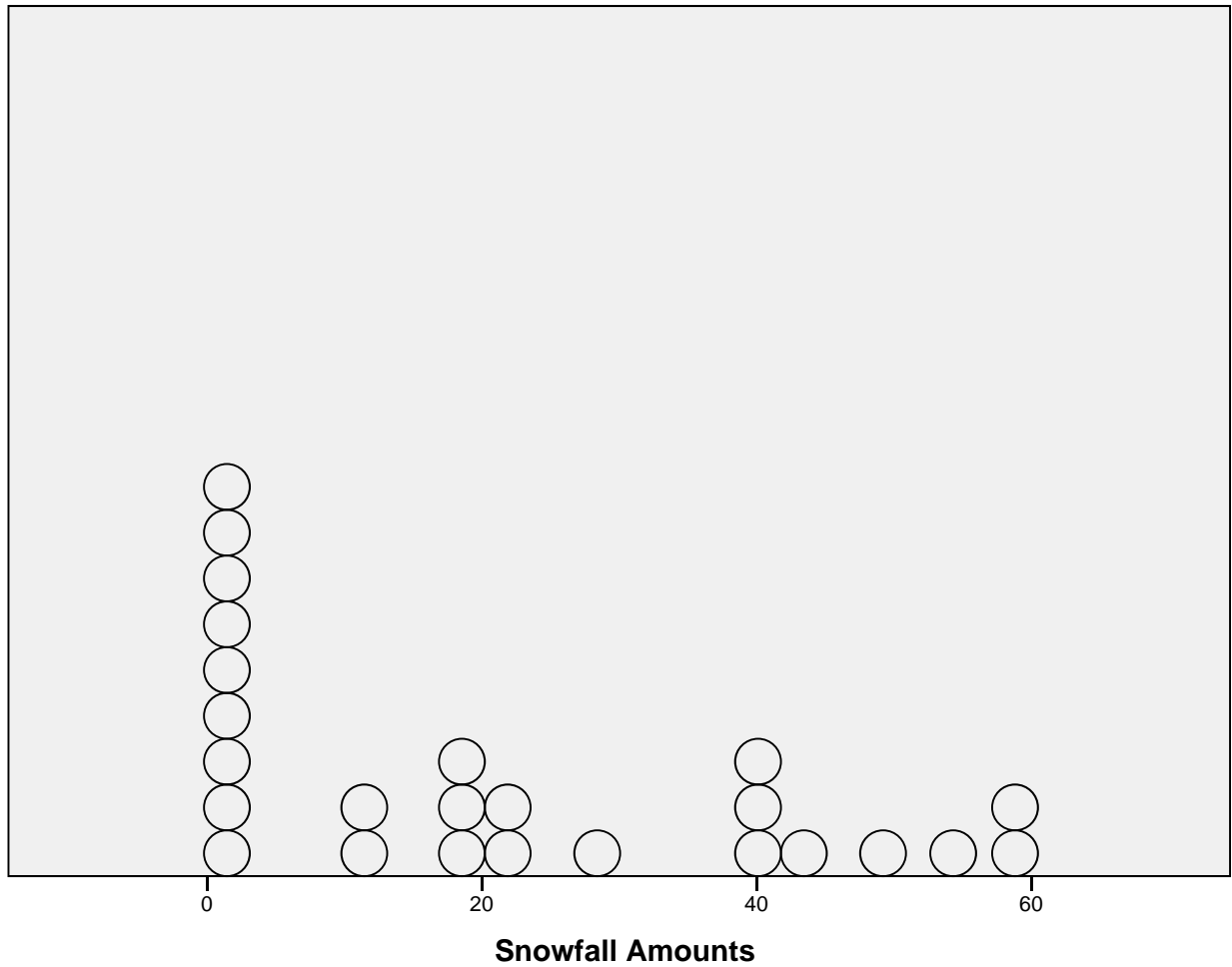
```
COORD: rect(dim(1))
```

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

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

END GPL.

GGraph



* 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"))
```

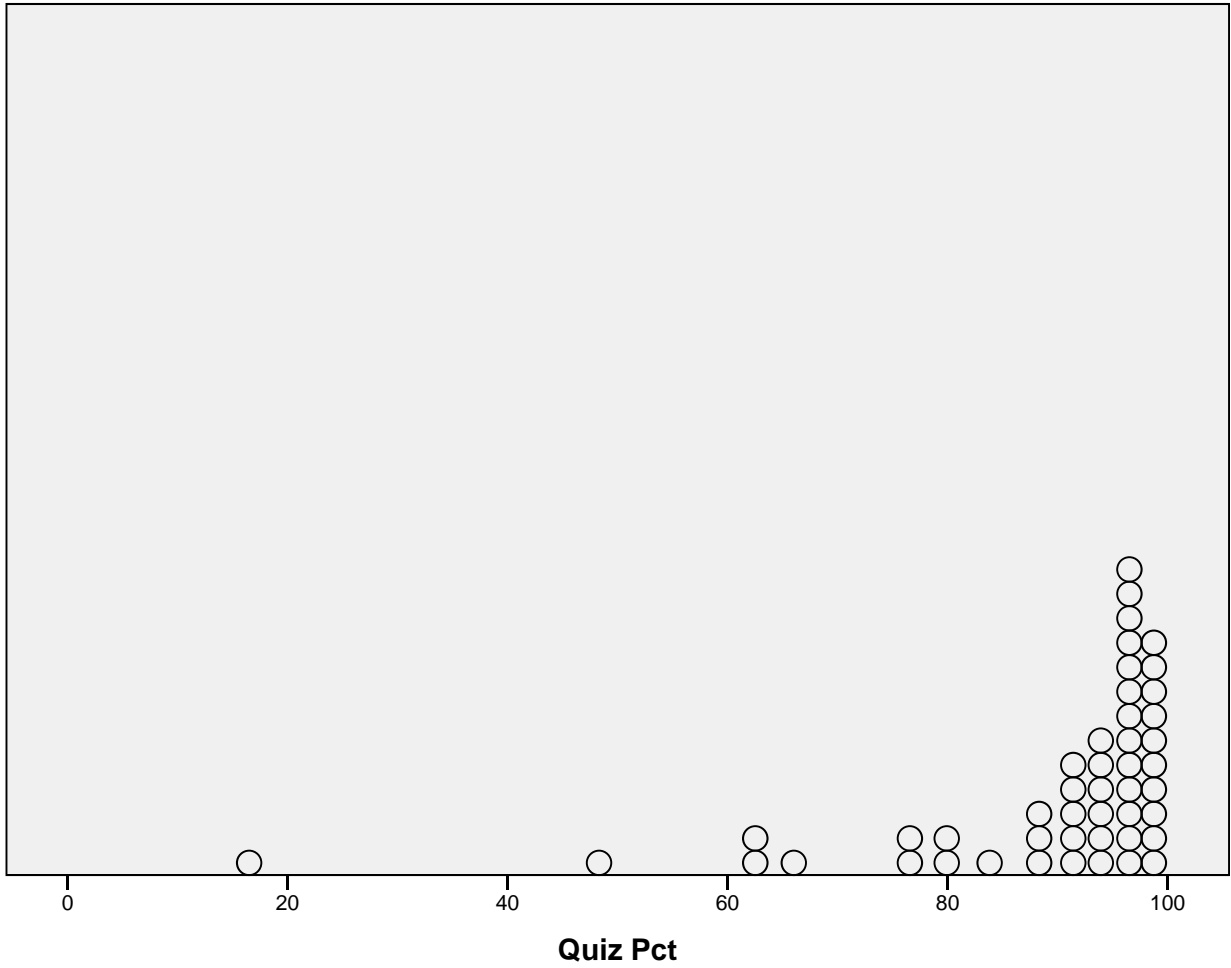
```
COORD: rect(dim(1))
```

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

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

END GPL.

GGraph



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

Explore

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			

Descriptives

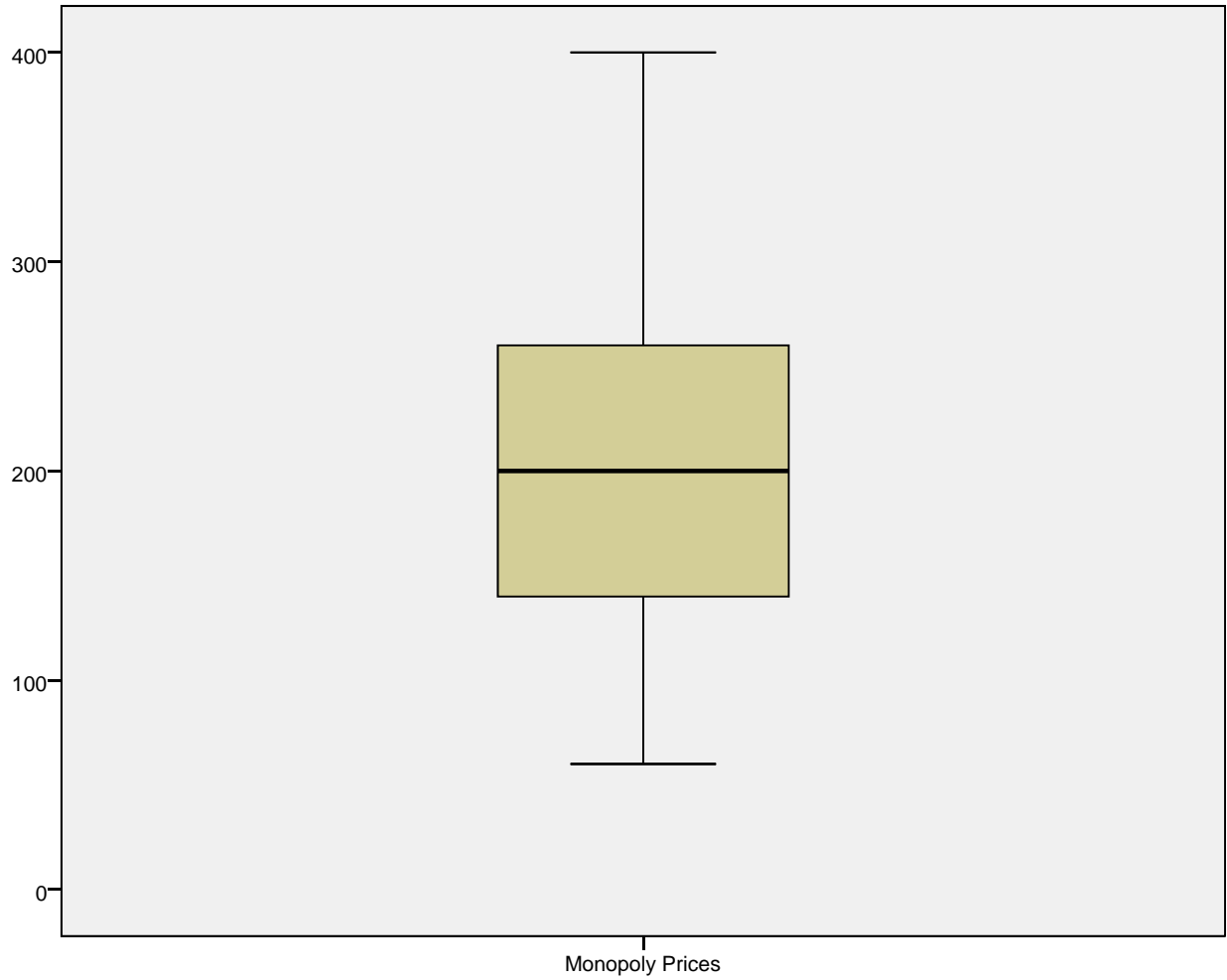
	Statistic	Std. Error
Variance	139.608	
Std. Deviation	11.816	
Minimum	48	
Maximum	98	
Range	50	
Interquartile Range	10	
Skewness	-2.635	.501
Kurtosis	7.978	.972

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)

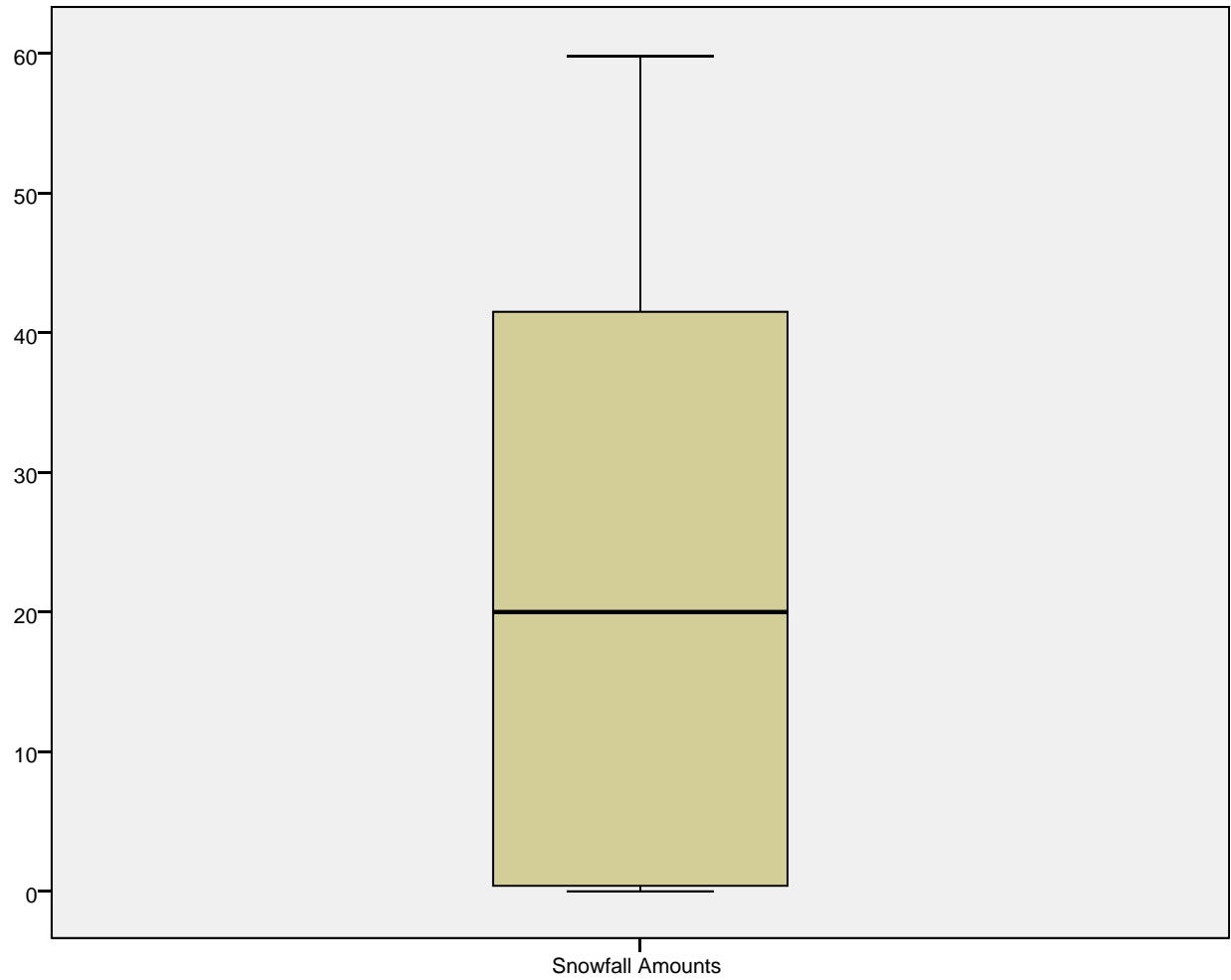


Snowfall Amounts

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)



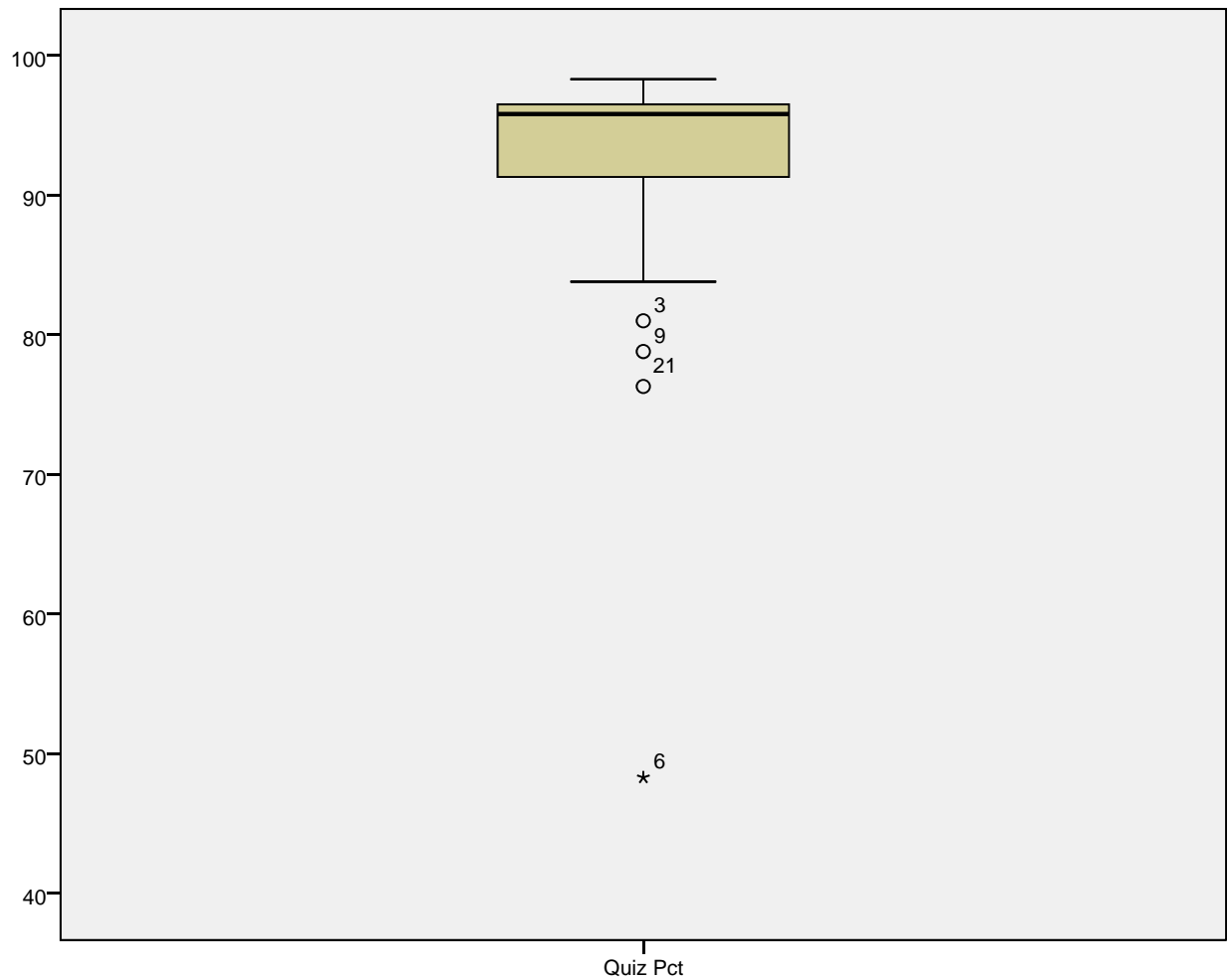
Quiz Pct

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)



```
DATASET ACTIVATE DataSet1.
```

```
SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Mat  
ching.sav'  
/COMPRESSED.
```

```
>Warning # 5334. Command name: SAVE  
>The SAVE command has succeeded. However, due to contention for the specified  
>file, the data have been saved to a file with a different name.
```

>Saved to W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching_1.sav.

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

Explore

[DataSet1] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Matching_1.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Rower Weights	27	27.3%	72	72.7%	99	100.0%

Descriptives

		Statistic	Std. Error	
Rower Weights	Mean	188.96	5.063	
	95% Confidence Interval for Mean	Lower Bound	178.56	
		Upper Bound	199.37	
	5% Trimmed Mean	190.26		
	Median	195.00		
	Variance	692.037		
	Std. Deviation	26.307		
	Minimum	121		
	Maximum	229		
	Range	108		
	Interquartile Range	50		
	Skewness	-.752	.448	
	Kurtosis	.003	.872	

Rower Weights

Rower Weights Stem-and-Leaf Plot

Frequency Stem & Leaf

```

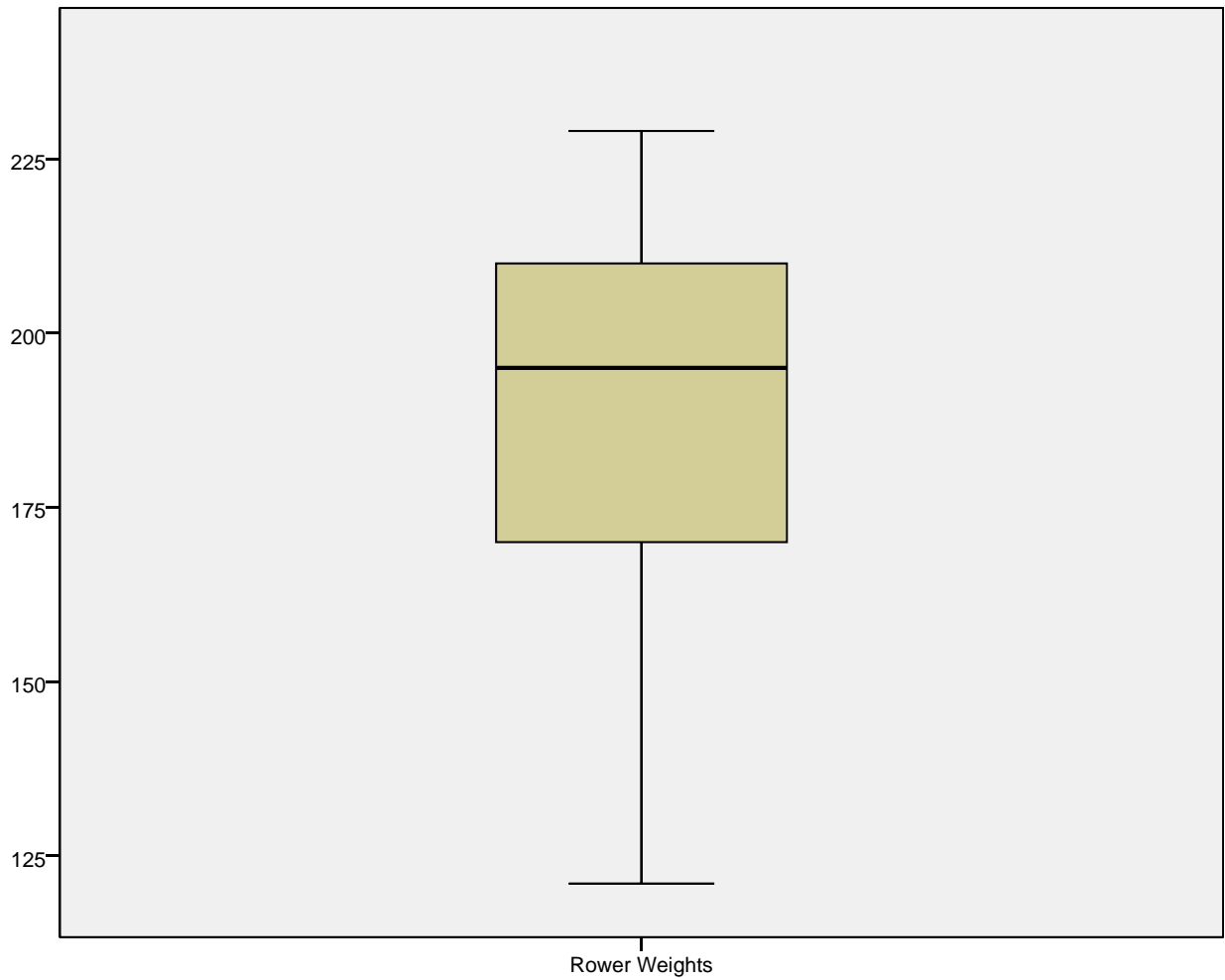
1.00      1 .  2
3.00      1 . 555
3.00      1 . 666
8.00      1 . 88888999
11.00     2 . 001111111111
1.00      2 .  2

```

```

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

```



```

EXAMINE VARIABLES=RowerWeights
/PLOT BOXPLOT STEMLEAF
/COMPARE GROUPS

```

/STATISTICS DESCRIPTIVES
 /CINTERVAL 95
 /MISSING LISTWISE
 /NOTOTAL.

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Rower Weights	26	26.3%	73	73.7%	99	100.0%

Descriptives

		Statistic	Std. Error	
Rower Weights	Mean	191.58	4.506	
	95% Confidence Interval for Mean	Lower Bound	182.30	
		Upper Bound	200.86	
	5% Trimmed Mean	191.81		
	Median	195.00		
	Variance	527.854		
	Std. Deviation	22.975		
	Minimum	153		
	Maximum	229		
	Range	76		
	Interquartile Range	35		
	Skewness	-.428	.456	
Kurtosis	-1.060	.887		

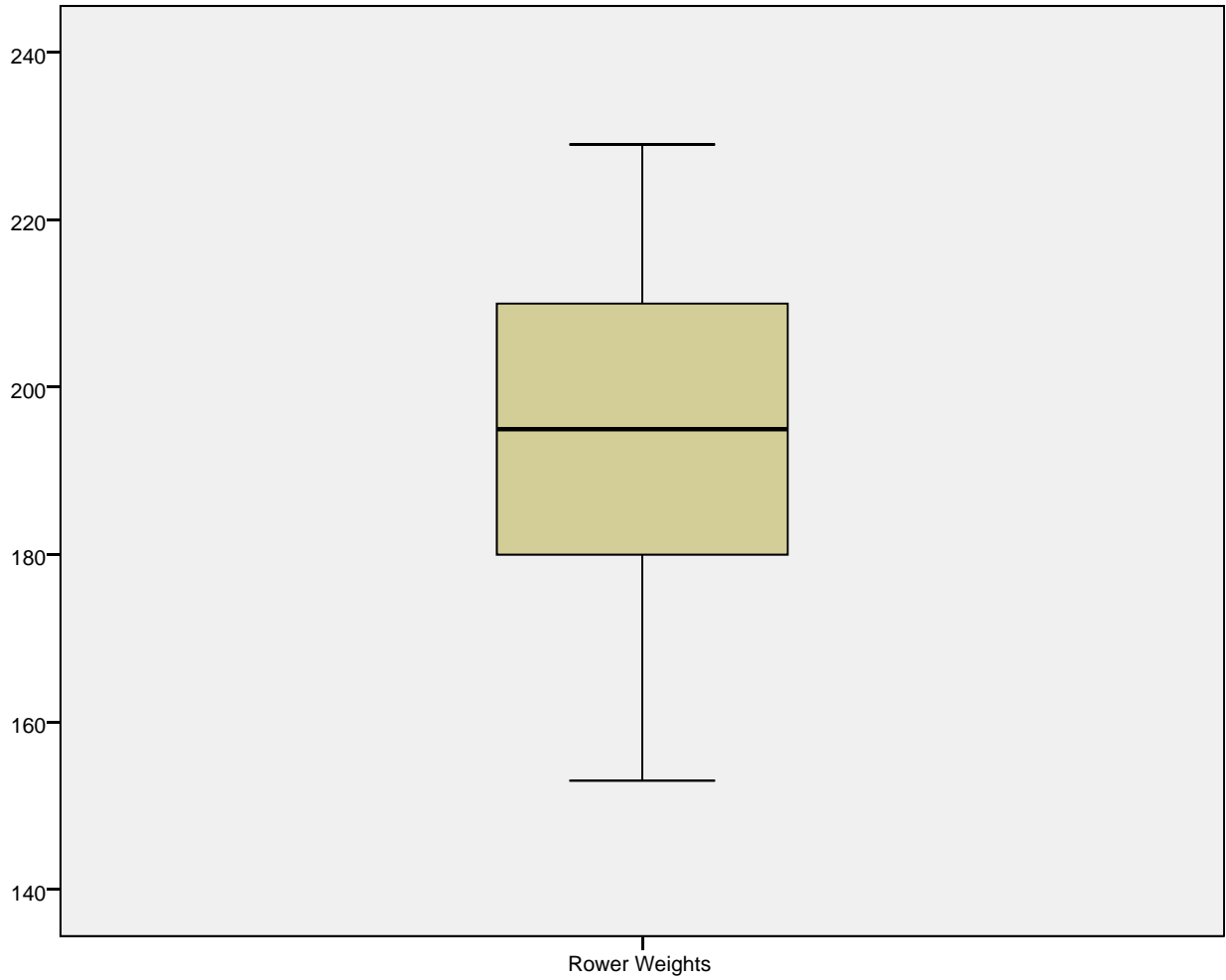
Rower Weights

Rower Weights Stem-and-Leaf Plot

Frequency	Stem &	Leaf
3.00	15 .	345
3.00	16 .	000
.00	17 .	
5.00	18 .	00555
3.00	19 .	055
2.00	20 .	05
9.00	21 .	000005555

1.00 22 . 9

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



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

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Rower Weights	26	26.3%	73	73.7%	99	100.0%

Descriptives

		Statistic	Std. Error
Rower Weights	Mean	195.42	6.827
	95% Confidence Interval for Mean	Lower Bound 181.36 Upper Bound 209.48	
	5% Trimmed Mean	191.81	
	Median	195.00	
	Variance	1211.854	
	Std. Deviation	34.812	
	Minimum	153	
	Maximum	329	
	Range	176	
	Interquartile Range	35	
	Skewness	2.128	.456
	Kurtosis	8.135	.887

Rower Weights

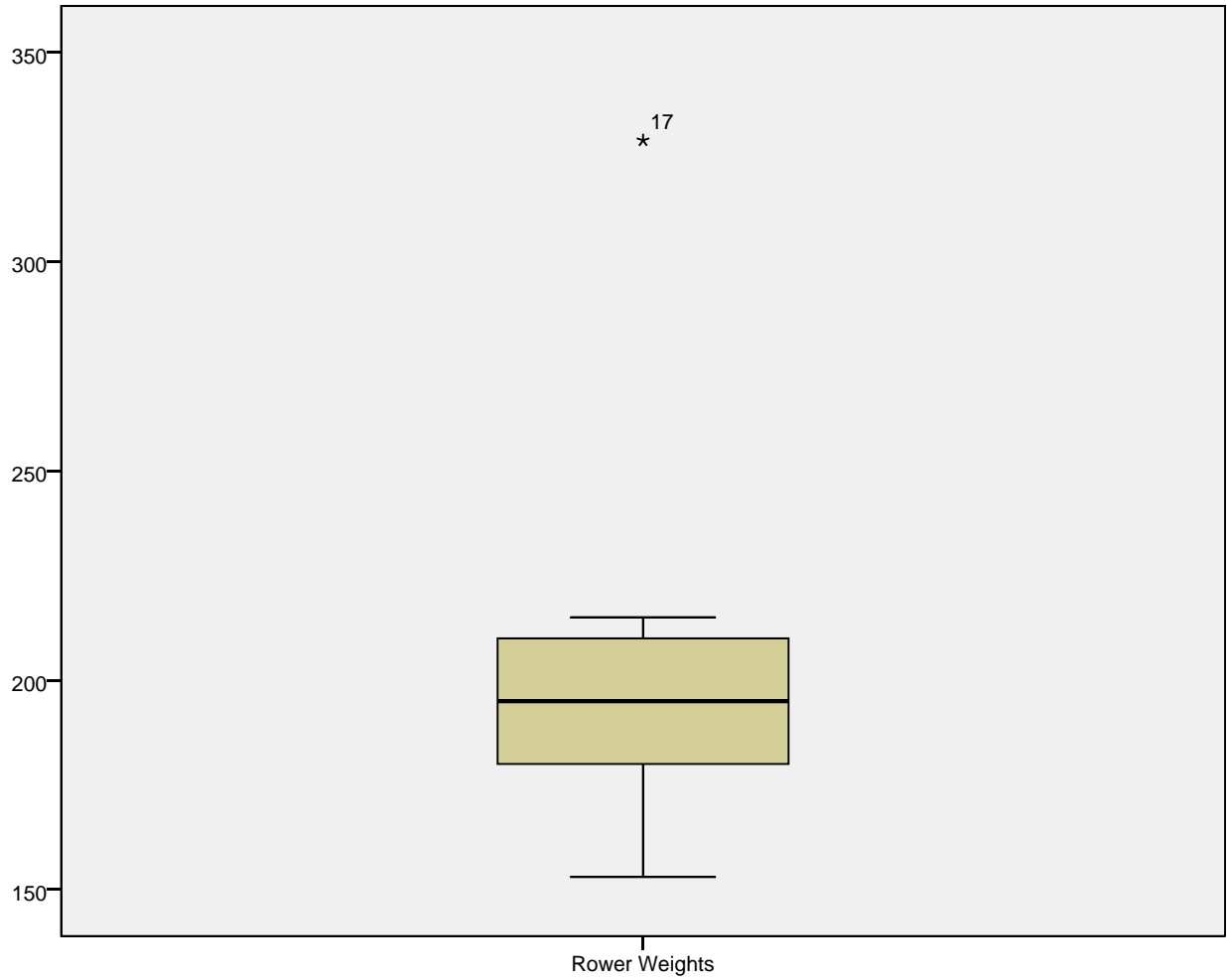
Rower Weights Stem-and-Leaf Plot

```

Frequency      Stem & Leaf
 3.00          15 . 345
 3.00          16 . 000
 .00          17 .
 5.00          18 . 00555
 3.00          19 . 055
 2.00          20 . 05
 9.00          21 . 000005555
 1.00 Extremes      (>=329)
  
```

```

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



```

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

```

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Rower Weights	26	26.3%	73	73.7%	99	100.0%

Descriptives

		Statistic	Std. Error	
Rower Weights	Mean	268.50	78.535	
	95% Confidence Interval for Mean	Lower Bound	106.75	
		Upper Bound	430.25	
	5% Trimmed Mean	191.81		
	Median	195.00		
	Variance	160361.700		
	Std. Deviation	400.452		
	Minimum	153		
	Maximum	2229		
	Range	2076		
	Interquartile Range	35		
	Skewness	5.075	.456	
	Kurtosis	25.829	.887	

Rower Weights

Rower Weights Stem-and-Leaf Plot

Frequency	Stem &	Leaf
3.00	15 .	345
3.00	16 .	000
.00	17 .	
5.00	18 .	00555
3.00	19 .	055
2.00	20 .	05
9.00	21 .	000005555
1.00	Extremes	(>=2229)

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



* Chart Builder.

GGRAPH

```
/GRAPHDATASET NAME="graphdataset" VARIABLES=RowerWeights MISSING=LISTWISE RE
PORTMISSING=NO
```

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

BEGIN GPL

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

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

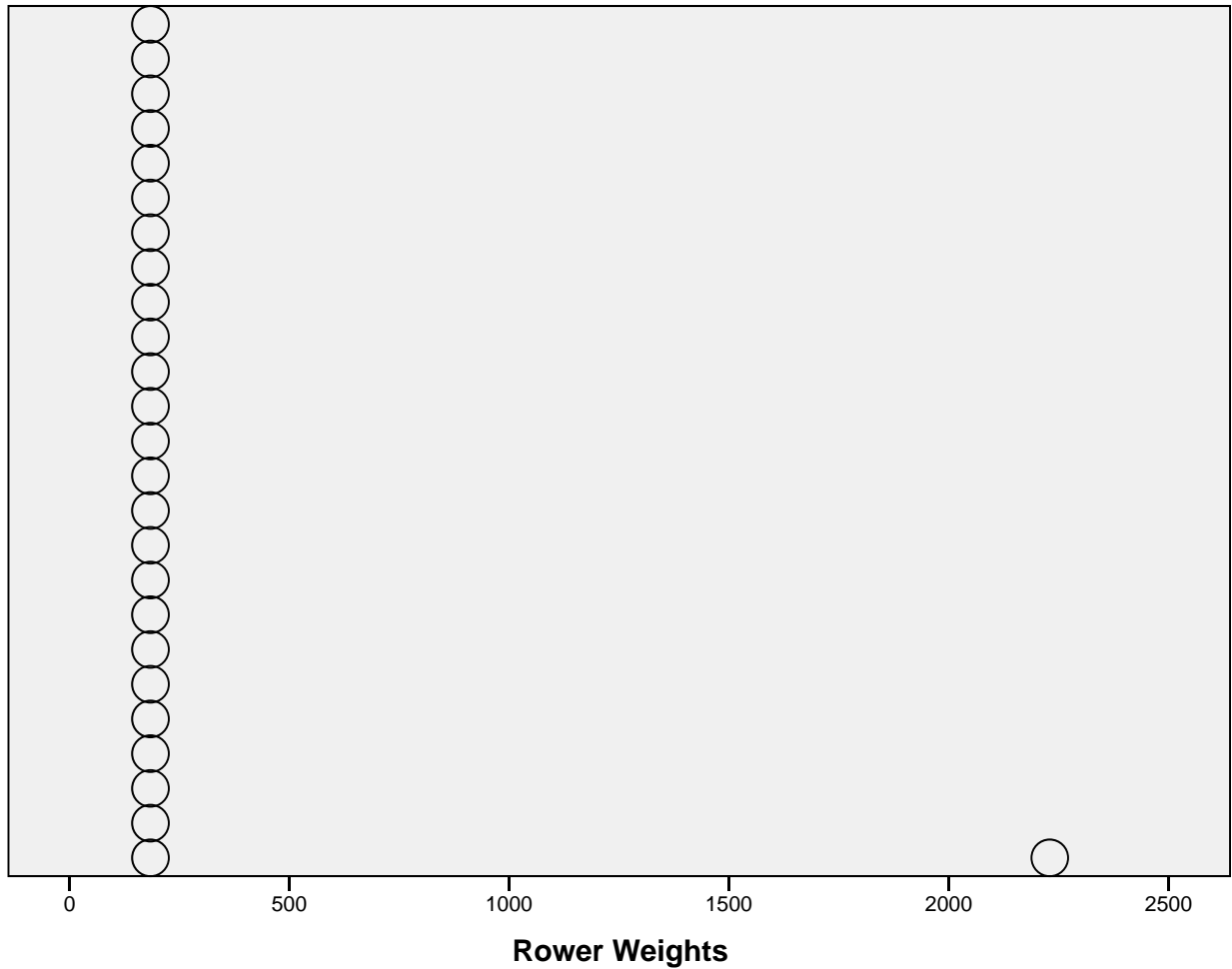
```
COORD: rect(dim(1))
```

```
GUIDE: axis(dim(1), label("Rower Weights"))
```

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

END GPL.

GGraph



* Chart Builder.

GGRAPH

```
  /GRAPHDATASET NAME="graphdataset" VARIABLES=RowerWeights MISSING=LISTWISE RE
PORTMISSING=NO
```

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

BEGIN GPL

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

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

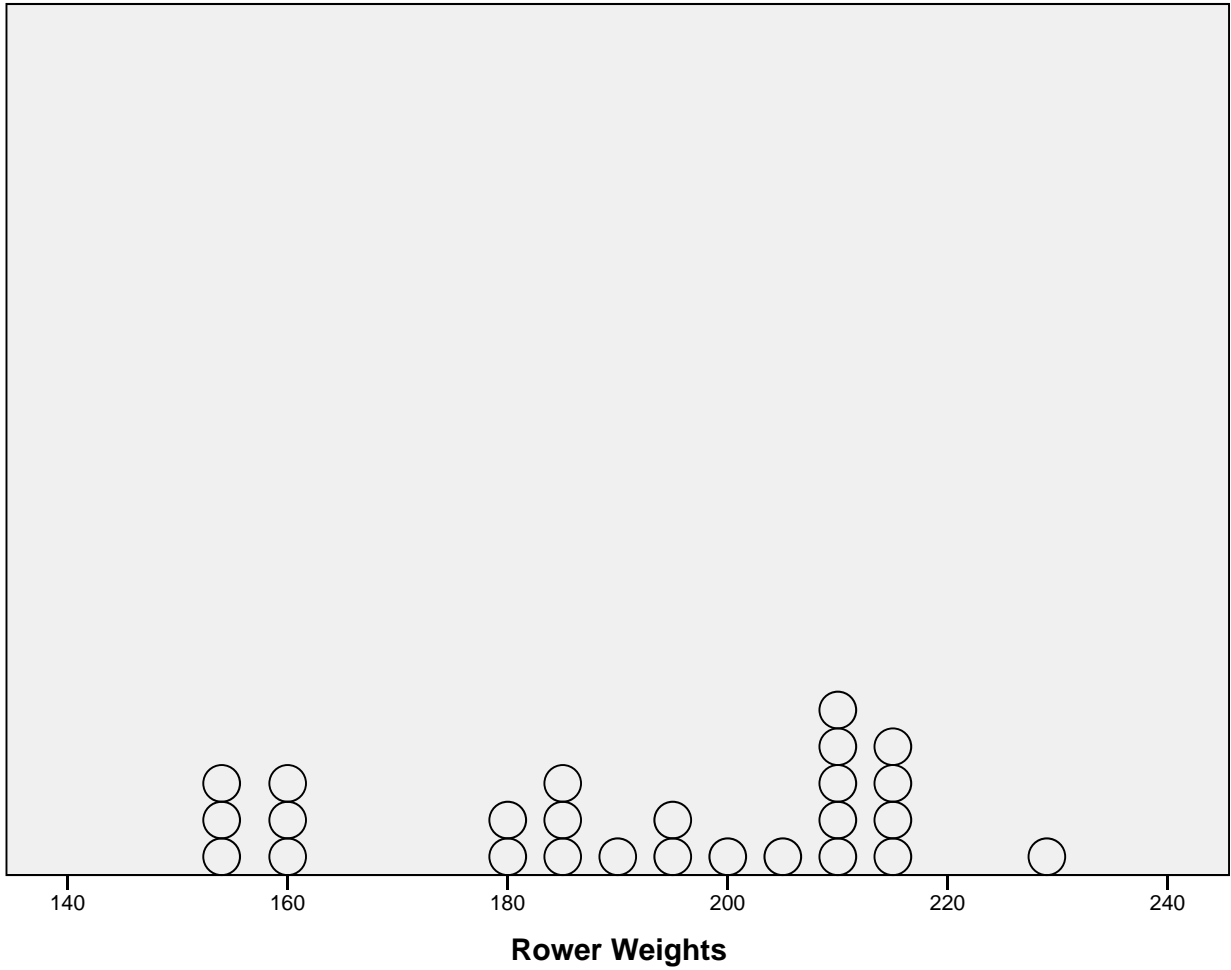
```
  COORD: rect(dim(1))
```

```
  GUIDE: axis(dim(1), label("Rower Weights"))
```

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

END GPL.

GGraph



`SORT CASES BY RowerWeights (A).`
`SORT CASES BY RowerWeights (D).`