```
 GET DATA
  /TYPE=XLS
  /FILE='C:\Users\acantrell\Desktop\peppers.xls'
  /SHEET=name 'peppers.xls'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.
EXAMINE VARIABLES=angle
  /PLOT BOXPLOT STEMLEAF HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /PERCENTILES(5,10,25,50,75,90,95) HAVERAGE
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

[DataSet1]

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
angle	28	100.0%	0	0.0%	28	100.0%

Descriptives

			Statistic	Std. Error
angle	Mean		3.18	1.001
	95% Confidence Interval for Mean	Lower Bound	1.12	
		Upper Bound	5.23	
	5% Trimmed Mean		3.21	
	Median		3.50	
	Variance		28.078	
	Std. Deviation		5.299	
	Minimum		-7	
	Maximum		13	
	Range		20	
	Interquartile Range		8	
	Skewness		-.100	.441
	Kurtosis		-.505	.858

Percentiles

		Percentiles					
		5	10	25	50	75	90
Weighted Average (Definition 1)	angle	-7.00	-3.40	-1.00	3.50	7.00	11.10
Tukey's Hinges	angle			-1.00	3.50	7.00	

Percentiles

		Percentile...
		95
Weighted Average (Definition 1)	angle	12.55
Tukey's Hinges	angle	

Extreme Values

			Case Number	Value
angle	Highest	1	9	13
		2	17	12
		3	2	11
		4	23	9
		5	6	8[a]
	Lowest	1	24	-7
		2	3	-7
		3	18	-3
		4	7	-3
		5	28	-2[b]

a. Only a partial list of cases with the value 8 are shown in the table of upper extremes.

b. Only a partial list of cases with the value -2 are shown in the table of lower extremes.

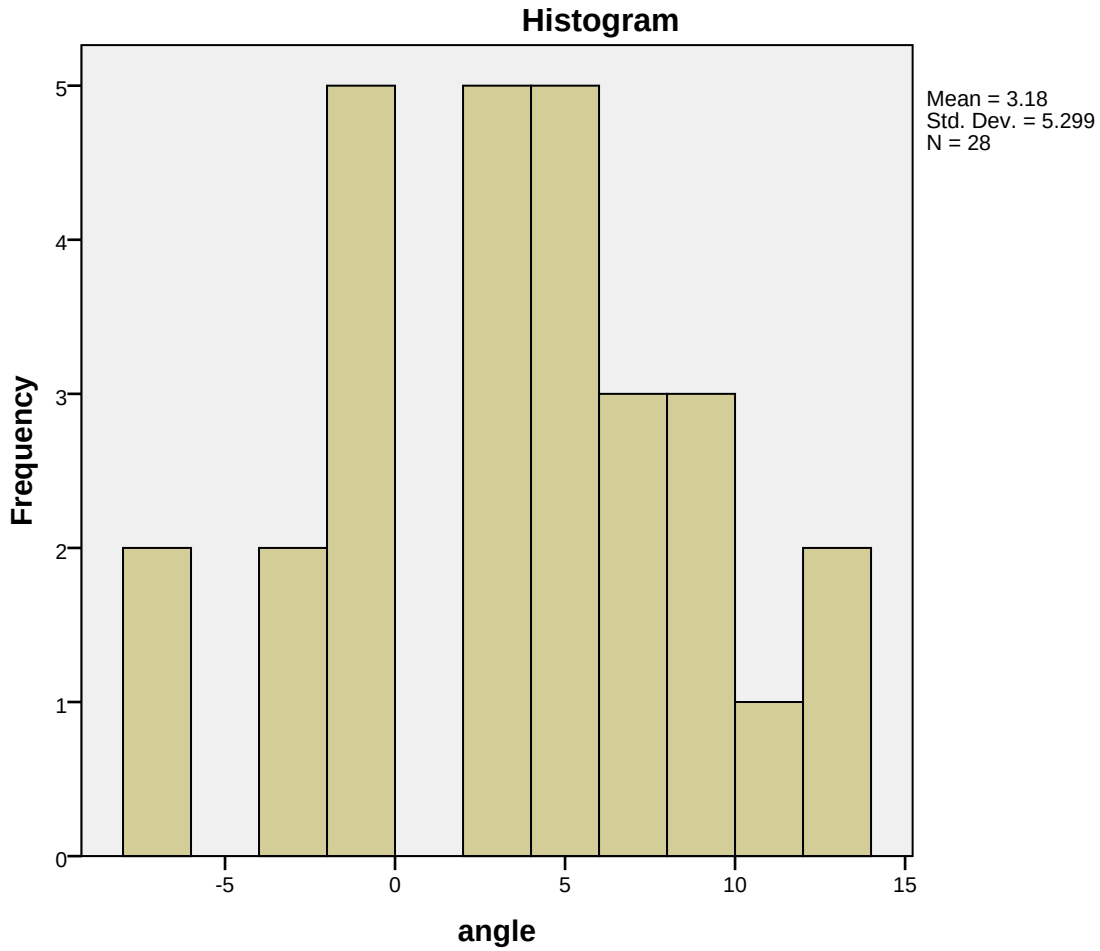
Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
angle	.106	28	.200[*]	.973	28	.668

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

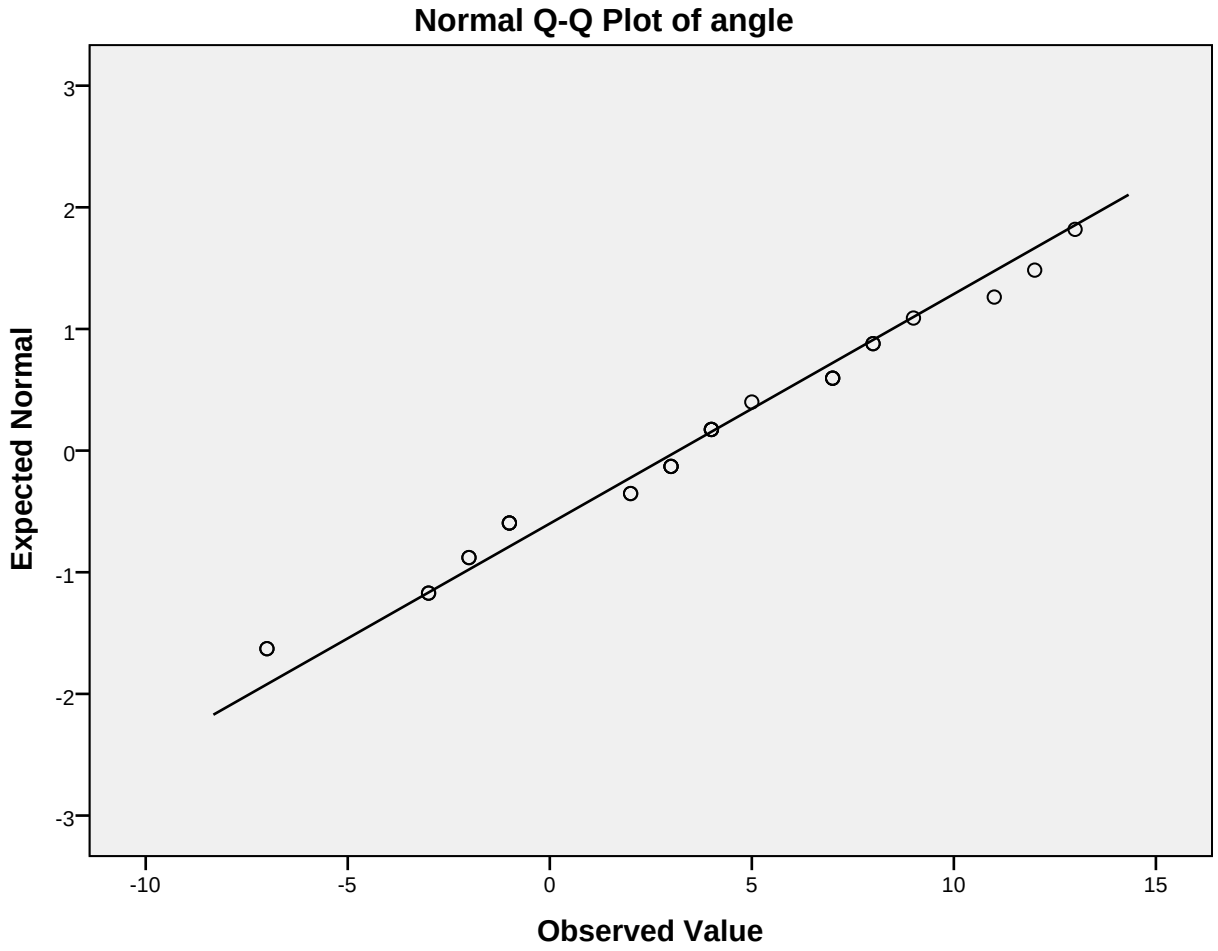
angle

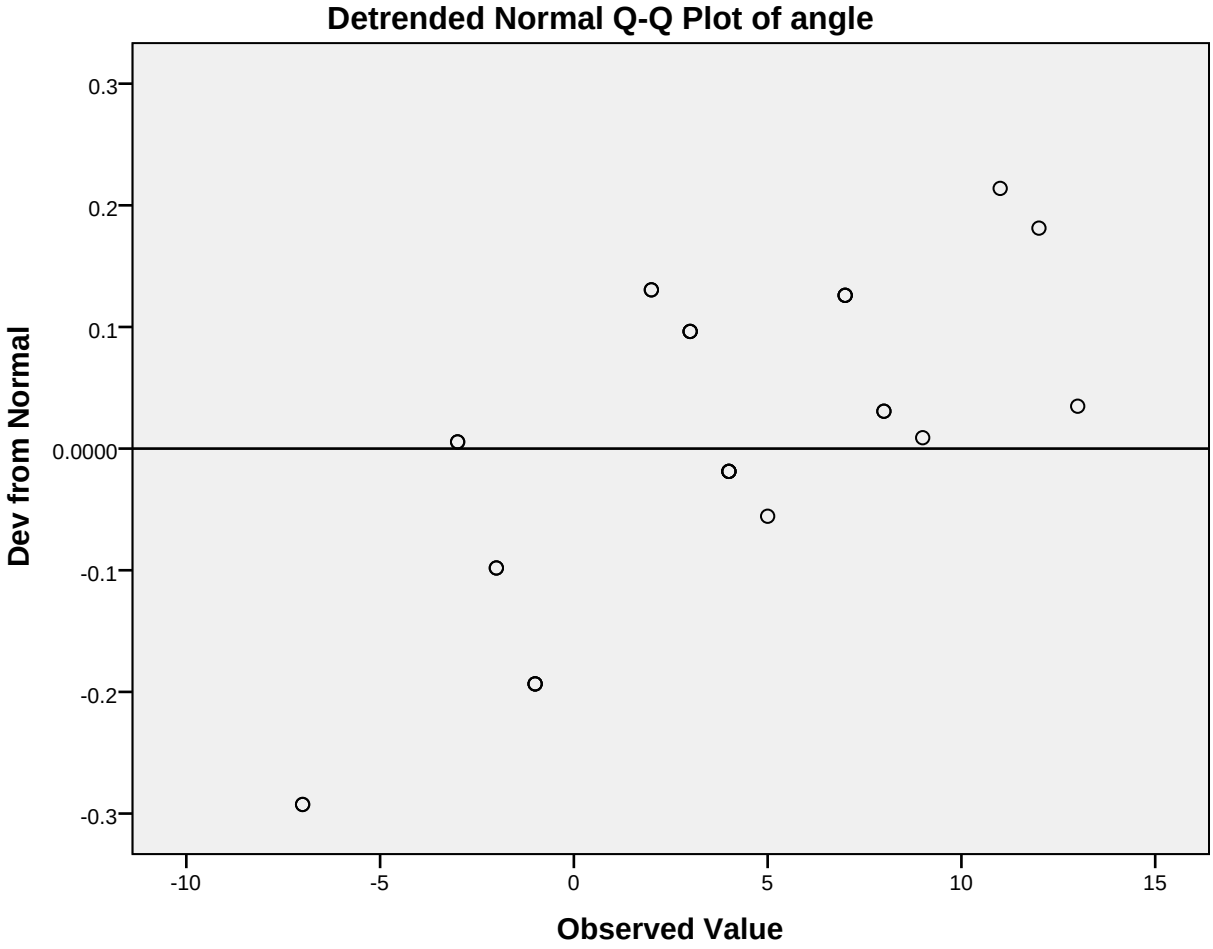


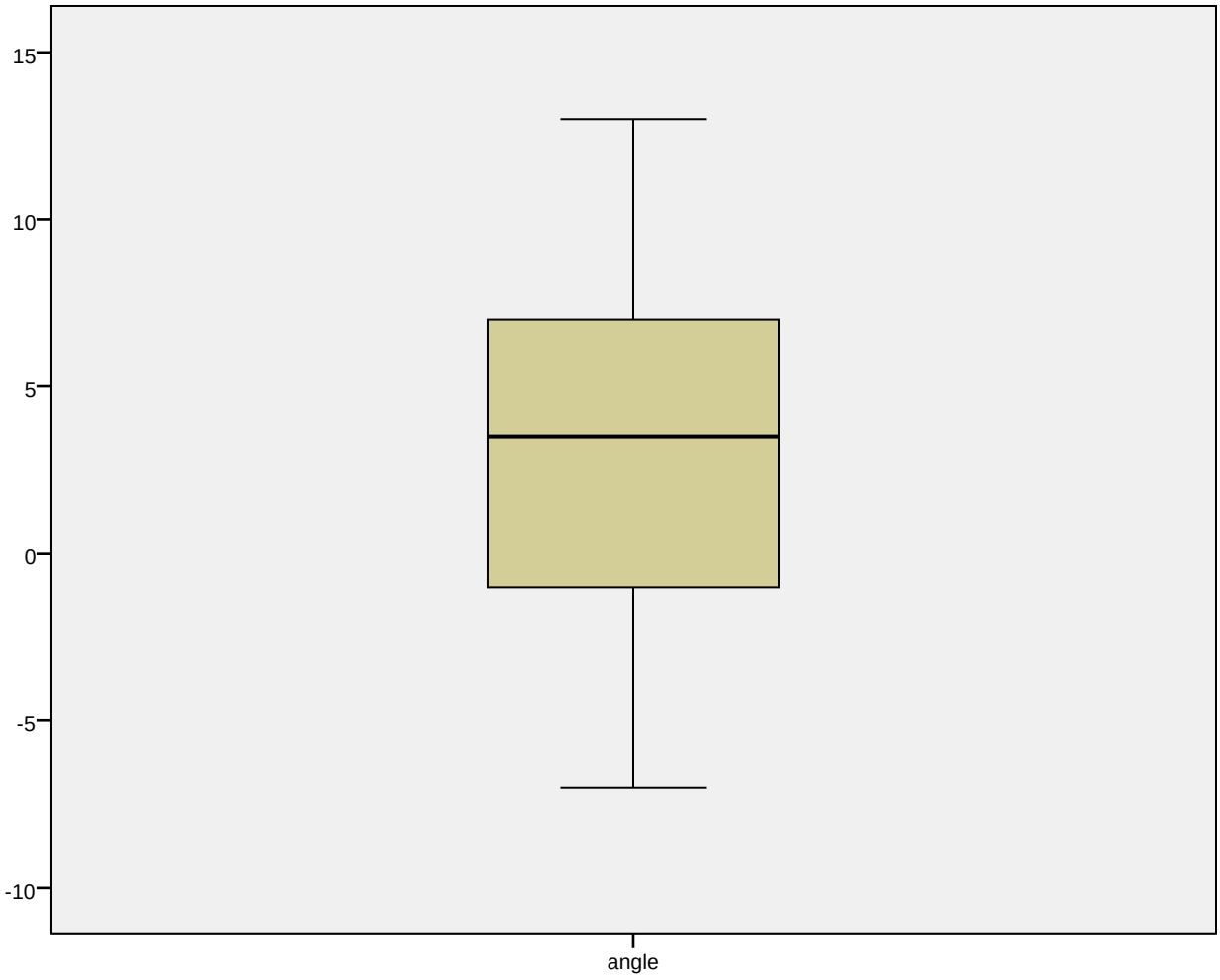
angle Stem-and-Leaf Plot

Frequency	Stem &	Leaf
2.00	-0 .	77
7.00	-0 .	1112233
9.00	0 .	223334444
7.00	0 .	5777889
3.00	1 .	123

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


Normal Q-Q Plot of angle
Expected Normal
Observed Value
3
2
1
0
-1
-2
-3
-10
-5
0
5
10
15


Detrended Normal Q-Q Plot of angle
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
-10
-5
0
5
10
15
Observed Value




```
T-TEST
  /TESTVAL=0
  /MISSING=ANALYSIS
  /VARIABLES=angle
  /CRITERIA=CI(.95).
```

T-Test

[DataSet1]

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
angle	28	3.18	5.299	1.001

One-Sample Test

	Test Value = 0					
					95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
angle	3.174	27	.004	3.179	1.12	5.23