

# Normality Test And Plots

**DX**

## Case Processing Summary

		Valid		Cases Missing		Total	
DX		N	Percent	N	Percent	N	Percent
Norm 2 TIV(Right)	CN	100	100.0%	0	0.0%	100	100.0%
	PD	100	100.0%	0	0.0%	100	100.0%
Norm 2 TIV(Left)	CN	100	100.0%	0	0.0%	100	100.0%
	PD	100	100.0%	0	0.0%	100	100.0%

## Descriptives

DX		Statistic		Std. Error
Norm 2 TIV(Right)	CN	Mean	24.41335238	.4793529962
		95% Confidence Interval for Mean	Lower Bound	23.46221204
			Upper Bound	25.36449272
		5% Trimmed Mean	24.24291892	
		Median	23.97061596	
		Variance	22.978	
		Std. Deviation	4.793529962	
		Minimum	14.69223115	
		Maximum	38.16928786	
		Range	23.47705671	
		Interquartile Range	6.742060003	
		Skewness	.491	.241
		Kurtosis	-.093	.478
	PD	Mean	18.53799950	.5840101147
		95% Confidence Interval for Mean	Lower Bound	17.37919673
			Upper Bound	19.69680227
		5% Trimmed Mean	18.52437776	
		Median	18.59243238	
		Variance	34.107	
		Std. Deviation	5.840101147	
		Minimum	6.388180704	
		Maximum	31.89017631	

## Descriptives

DX		Statistic		Std. Error
		Range	25.50199560	
		Interquartile Range	9.450904049	
		Skewness	.013	.241
		Kurtosis	-.723	.478
Norm 2 TIV(Left)	CN	Mean	23.54044756	.4041445475
		95% Confidence Interval for Mean	Lower Bound	22.73853709
			Upper Bound	24.34235802
		5% Trimmed Mean	23.46915150	
		Median	23.29472073	
		Variance	16.333	
		Std. Deviation	4.041445475	
		Minimum	15.24622656	
		Maximum	35.61017623	
		Range	20.36394967	
		Interquartile Range	5.523097009	
		Skewness	.340	.241
		Kurtosis	.139	.478
	PD	Mean	17.59760558	.5156075658
		95% Confidence Interval for Mean	Lower Bound	16.57452830
			Upper Bound	18.62068285
		5% Trimmed Mean	17.49979495	
		Median	16.93049782	
		Variance	26.585	
		Std. Deviation	5.156075658	
		Minimum	6.388180704	
		Maximum	30.99420972	
		Range	24.60602901	
		Interquartile Range	7.475801748	
		Skewness	.336	.241
		Kurtosis	-.445	.478

## Tests of Normality

	DX	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Norm 2 TIV(Right)	CN	.060	100	.200 <sup>*</sup>	.978	100	.096
	PD	.062	100	.200 <sup>*</sup>	.986	100	.373
Norm 2 TIV(Left)	CN	.056	100	.200 <sup>*</sup>	.987	100	.410
	PD	.075	100	.181	.982	100	.198

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

a. Lilliefors Significance Correction

## Norm 2 TIV(Right)

### Stem-and-Leaf Plots

Norm 2 TIV(Right) Stem-and-Leaf Plot for  
DX= CN

```

Frequency      Stem & Leaf

    1.00        1 .  4
    6.00        1 .  666777
   11.00        1 .  88888889999
   18.00        2 .  00000001111111111
   15.00        2 .  222222333333333
   16.00        2 .  444455555555555
   10.00        2 .  6666667777
   11.00        2 .  88888888999
    4.00        3 .  0011
    3.00        3 .  233
    4.00        3 .  4444
    1.00 Extremes      (>=38)

```

Stem width: 10.00000

Each leaf: 1 case(s)

Norm 2 TIV(Right) Stem-and-Leaf Plot for  
DX= PD

```

Frequency      Stem & Leaf

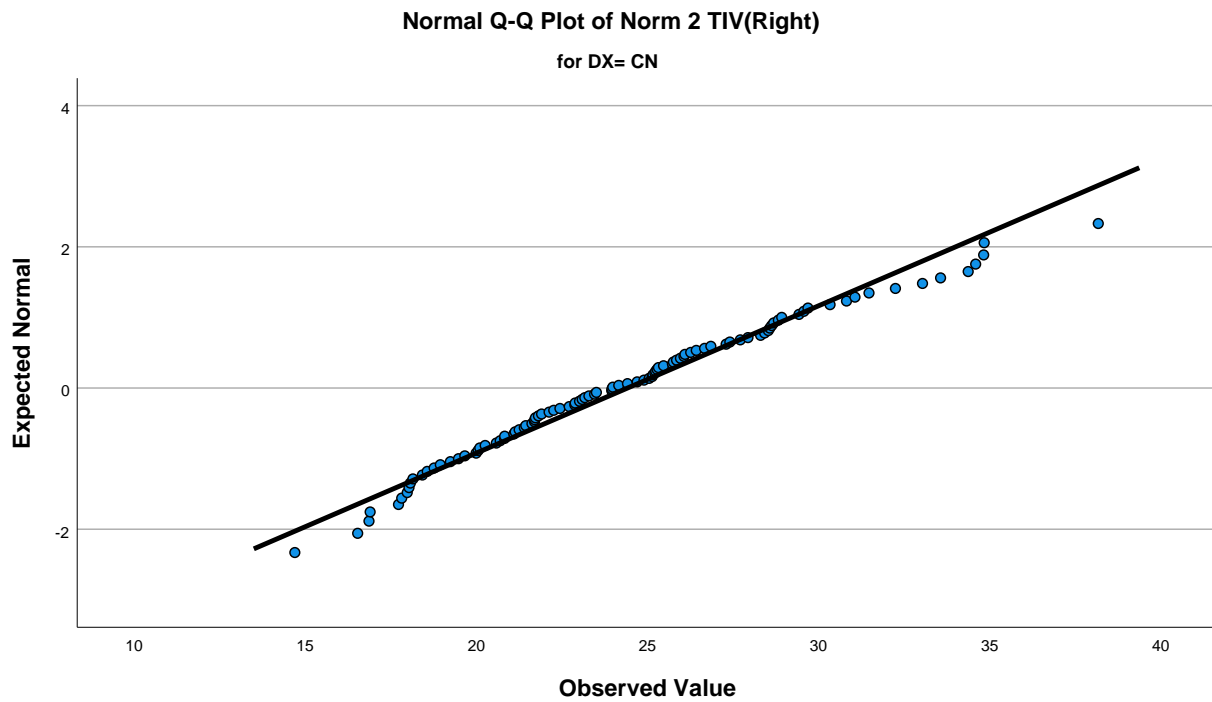
    3.00        0 .  667
    2.00        0 .  89
   11.00        1 .  00000000111

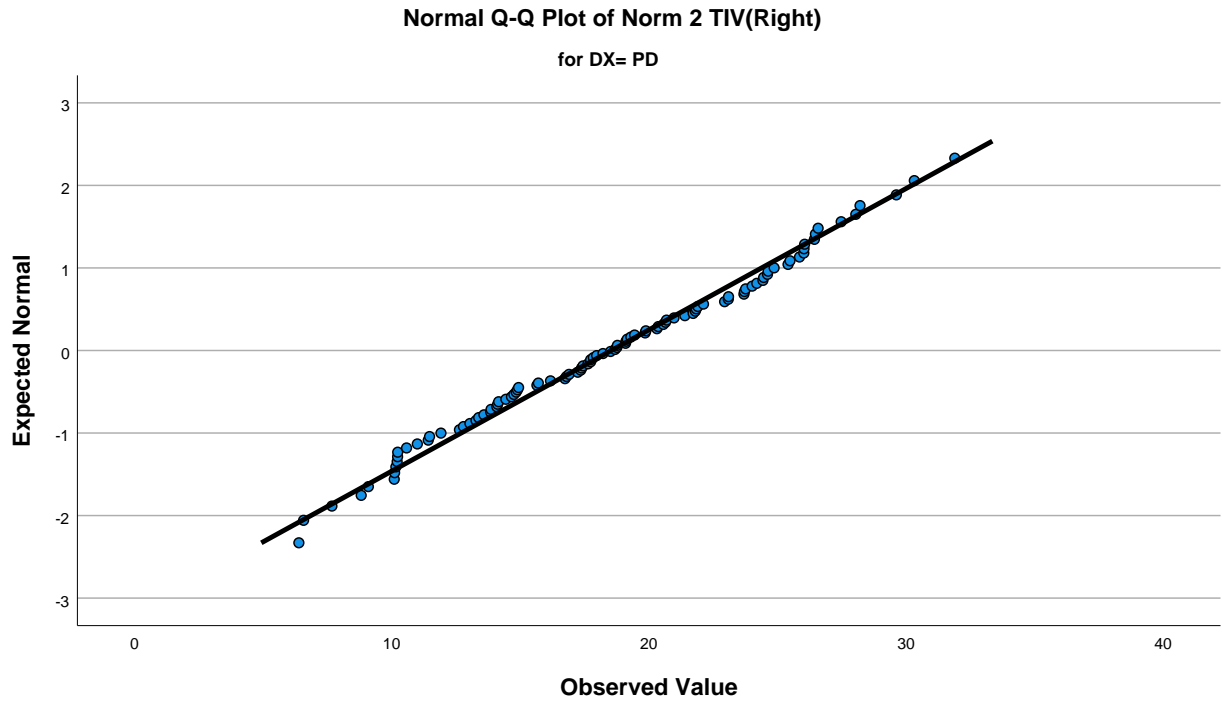
```

8.00	1 .	22333333
11.00	1 .	44444444455
13.00	1 .	6666777777777
12.00	1 .	8888899999999
11.00	2 .	0000011111
7.00	2 .	2233333
10.00	2 .	4444444555
7.00	2 .	6666667
3.00	2 .	889
2.00	3 .	01

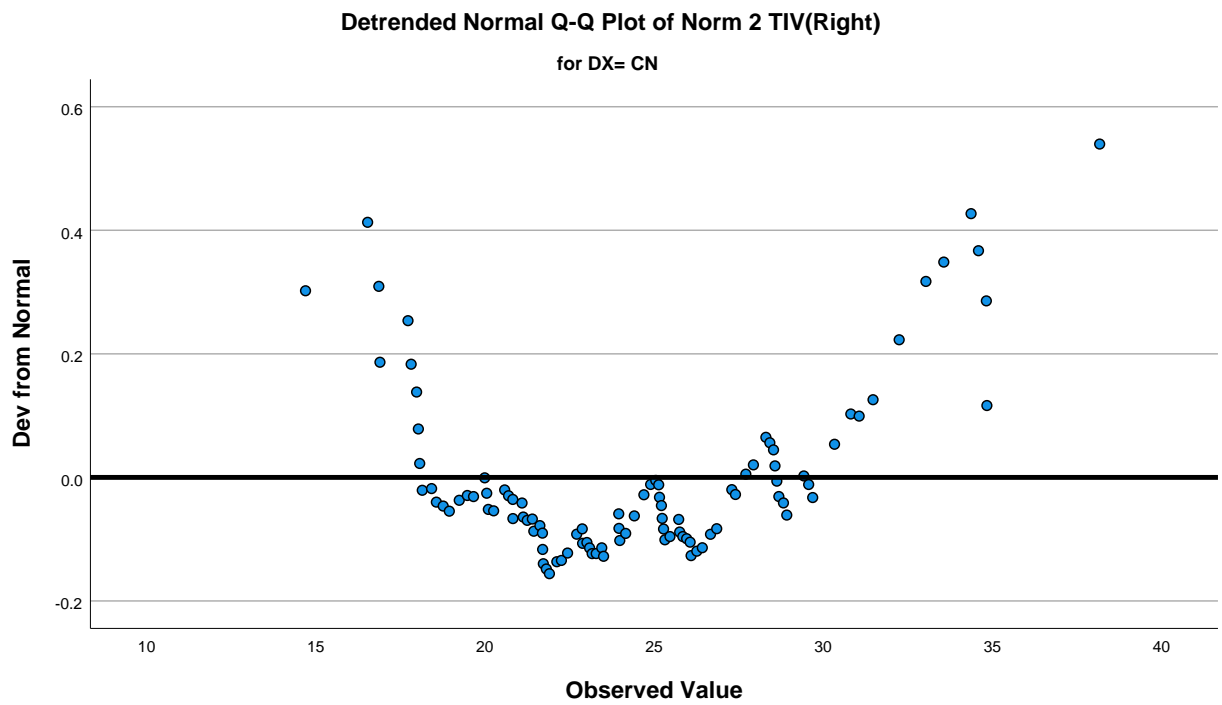
Stem width: 10.00000  
Each leaf: 1 case(s)

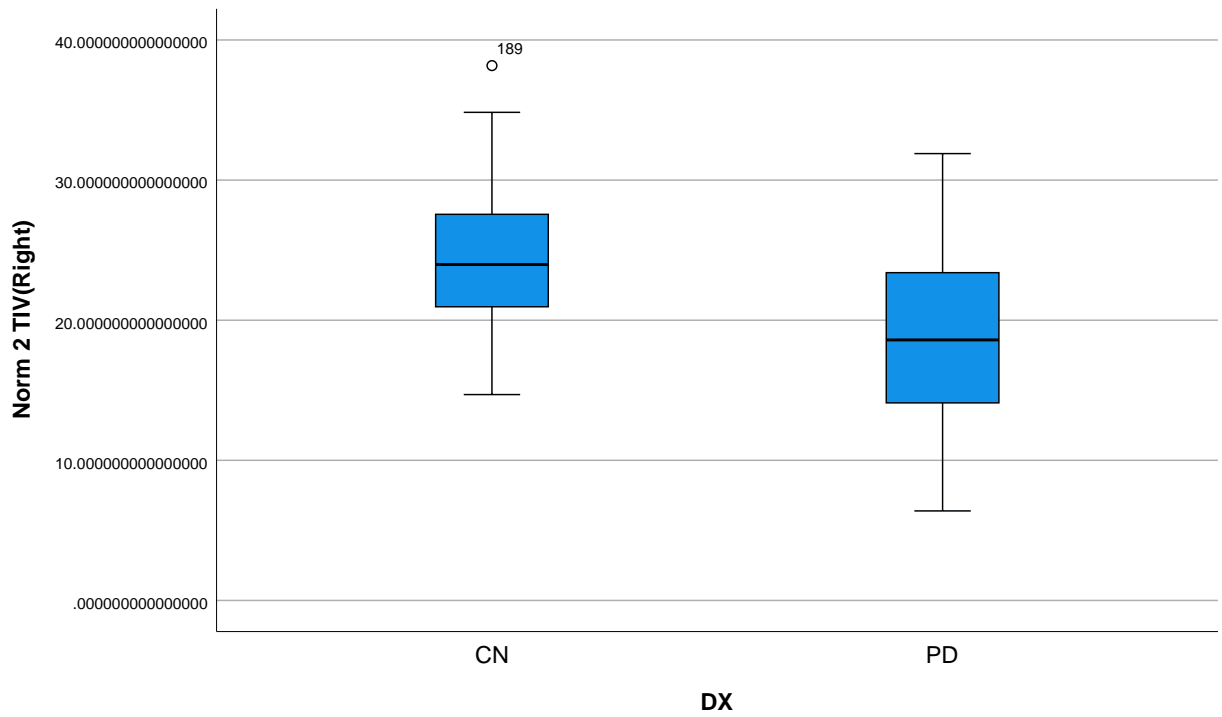
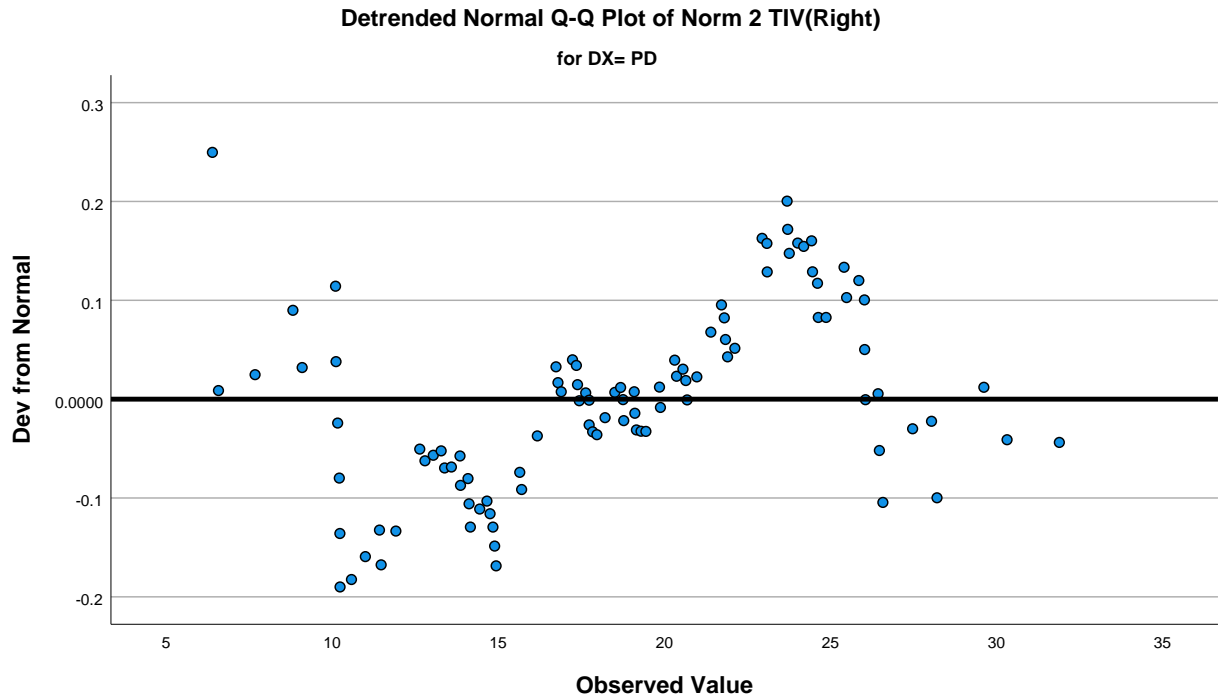
## Normal Q-Q Plots





### Detrended Normal Q-Q Plots





**Norm 2 TIV(Left)**

### Stem-and-Leaf Plots

Norm 2 TIV(Left) Stem-and-Leaf Plot for

DX= CN

Frequency	Stem &	Leaf
4.00	15 .	2379
1.00	16 .	7
1.00	17 .	2
3.00	18 .	229
13.00	19 .	0011334456669
7.00	20 .	2246689
7.00	21 .	6667899
13.00	22 .	0222444566778
5.00	23 .	23345
12.00	24 .	122344556888
9.00	25 .	035556779
8.00	26 .	02335568
2.00	27 .	06
7.00	28 .	0478889
1.00	29 .	0
3.00	30 .	239
2.00	31 .	01
.00	32 .	
1.00	33 .	9
1.00	Extremes	(>=35.6)

Stem width: 1.000000

Each leaf: 1 case(s)

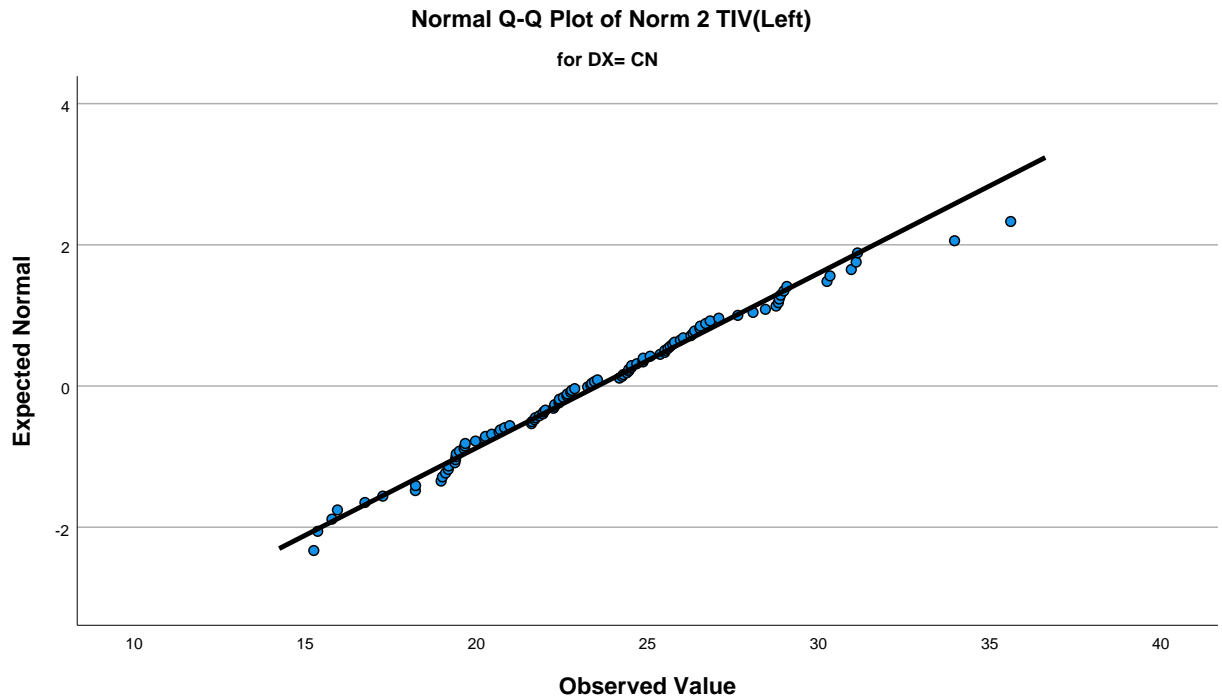
Norm 2 TIV(Left) Stem-and-Leaf Plot for

DX= PD

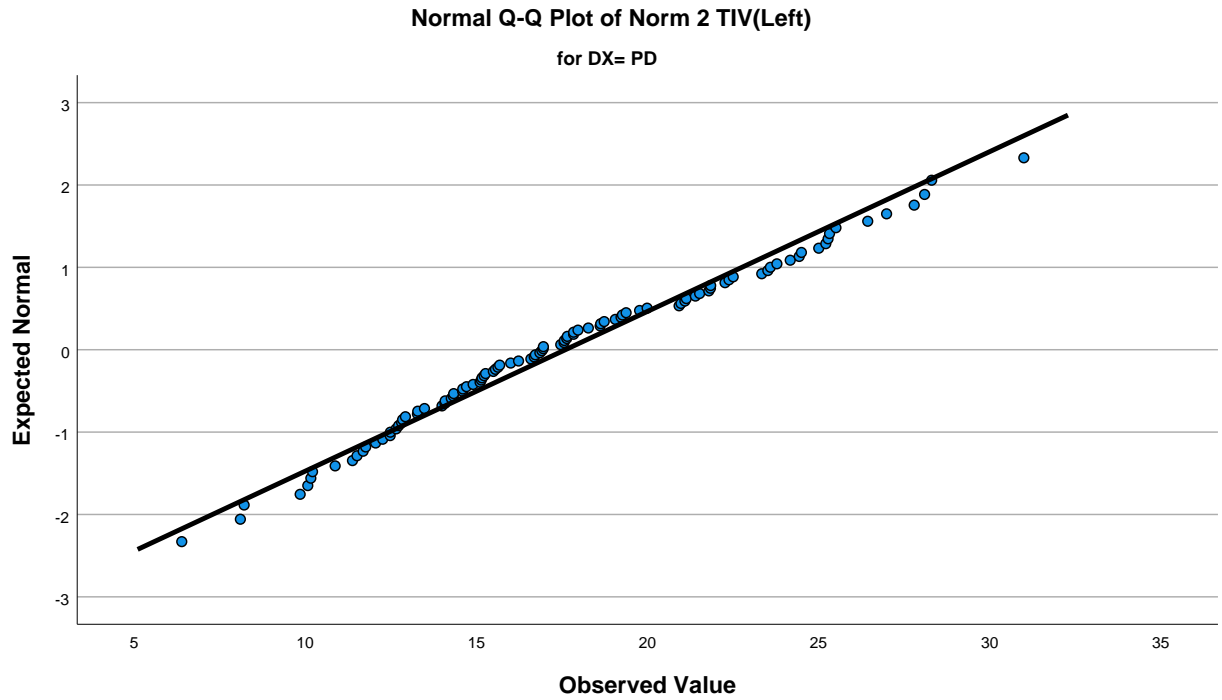
Frequency	Stem &	Leaf
1.00	0 .	6
3.00	0 .	889
8.00	1 .	00001111
13.00	1 .	222222223333
19.00	1 .	444444444555555555
16.00	1 .	6666666677777777
10.00	1 .	8888999999
9.00	2 .	001111111
7.00	2 .	2223333
8.00	2 .	44455555
3.00	2 .	667
2.00	2 .	88
1.00	3 .	0

Stem width: 10.00000  
Each leaf: 1 case(s)

## Normal Q-Q Plots







### Detrended Normal Q-Q Plots

