

Frequencies

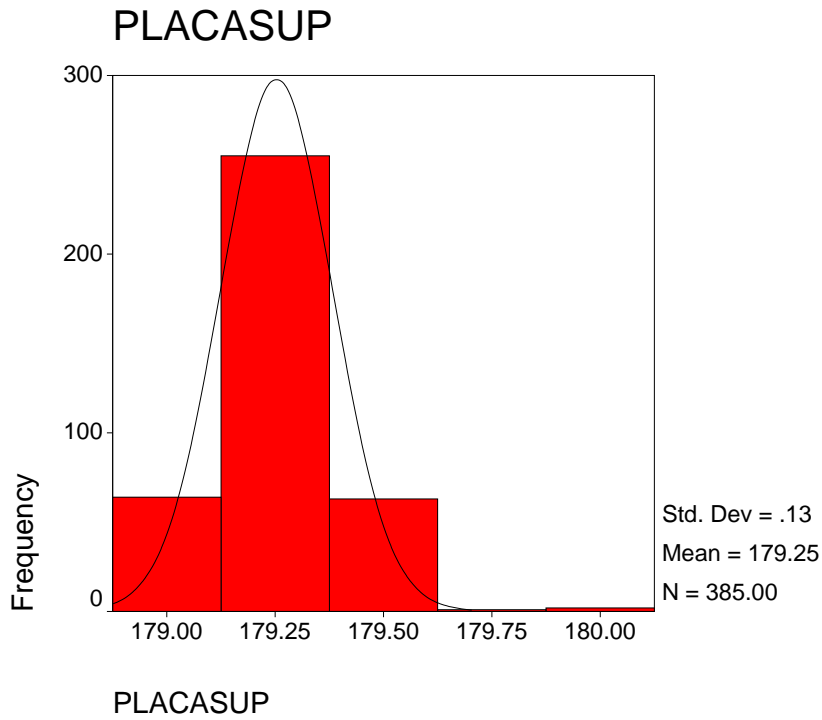
Statistics

PLACASUP

N	Valid	385
	Missing	0
Mean		179.2532
Std. Deviation		.1287
Variance		1.656E-02
Skewness		1.151
Std. Error of Skewness		.124
Kurtosis		4.386
Std. Error of Kurtosis		.248
Range		1.10
Minimum		178.90
Maximum		180.00
Percentiles	10	179.1000
	20	179.2000
	25	179.2000
	30	179.2000
	40	179.2000
	50	179.2000
	60	179.3000
	70	179.3000
	75	179.3000
	80	179.3000
	90	179.4000

PLACASUP

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 178.90	1	.3	.3	.3
179.00	11	2.9	2.9	3.1
179.10	52	13.5	13.5	16.6
179.20	145	37.7	37.7	54.3
179.30	110	28.6	28.6	82.9
179.40	42	10.9	10.9	93.8
179.50	16	4.2	4.2	97.9
179.60	5	1.3	1.3	99.2
179.70	1	.3	.3	99.5
179.90	1	.3	.3	99.7
180.00	1	.3	.3	100.0
Total	385	100.0	100.0	



Descriptives

Descriptive Statistics

	N	Range	Minimum	Maximum	Sum
	Statistic	Statistic	Statistic	Statistic	Statistic
PLACASUP	385	1.10	178.90	180.00	69012.50
Valid N (listwise)	385				

Descriptive Statistics

	Mean		Std.	Variance
	Statistic	Std. Error	Statistic	Statistic
PLACASUP	179.2532	6.558E-03	.1287	1.656E-02
Valid N (listwise)				

Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
PLACASUP	1.151	.124	4.386	.248
Valid N (listwise)				

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
PLACASUP	385	100.0%	0	.0%	385	100.0%

Descriptives

			Statistic	Std. Error
PLACASUP	Mean		179.2532	6.558E-03
	95% Confidence Interval for Mean	Lower Bound	179.2404	
		Upper Bound	179.2661	
	5% Trimmed Mean		179.2472	
	Median		179.2000	
	Variance		1.656E-02	
	Std. Deviation		.1287	
	Minimum		178.90	
	Maximum		180.00	
	Range		1.10	
	Interquartile Range		.1000	
	Skewness		1.151	.124
	Kurtosis		4.386	.248

M-Estimators

	Huber's M-Estimator ^a	Tukey's Biweight ^b	Hampel's M-Estimator ^c	Andrews' Wave ^d
PLACASUP	179.2628	179.2589	179.2665	179.2587

- a. The weighting constant is 1.339.
- b. The weighting constant is 4.685.
- c. The weighting constants are 1.700, 3.400, and 8.500
- d. The weighting constant is $1.340 \cdot \pi$.

Percentiles

		Percentiles				
		5	10	25	50	75
Weighted Average(Definition 1)	PLACASUP	179.1000	179.1000	179.2000	179.2000	179.3000
Tukey's Hinges	PLACASUP			179.2000	179.2000	179.3000

Percentiles

		Percentiles	
		90	95
Weighted Average(Definition 1)	PLACASUP	179.4000	179.5000
Tukey's Hinges	PLACASUP		

Extreme Values

			Case Number	Value
PLACASUP	Highest	1	278	180.00
		2	189	179.90
		3	175	179.70
		4	185	179.60
		5	294	.a
	Lowest	1	170	178.90
		2	142	179.00
		3	332	179.00
		4	56	179.00
		5	141	.b

a. Only a partial list of cases with the value 180 are shown in the table of upper extremes.

b. Only a partial list of cases with the value 179 are shown in the table of lower extremes.

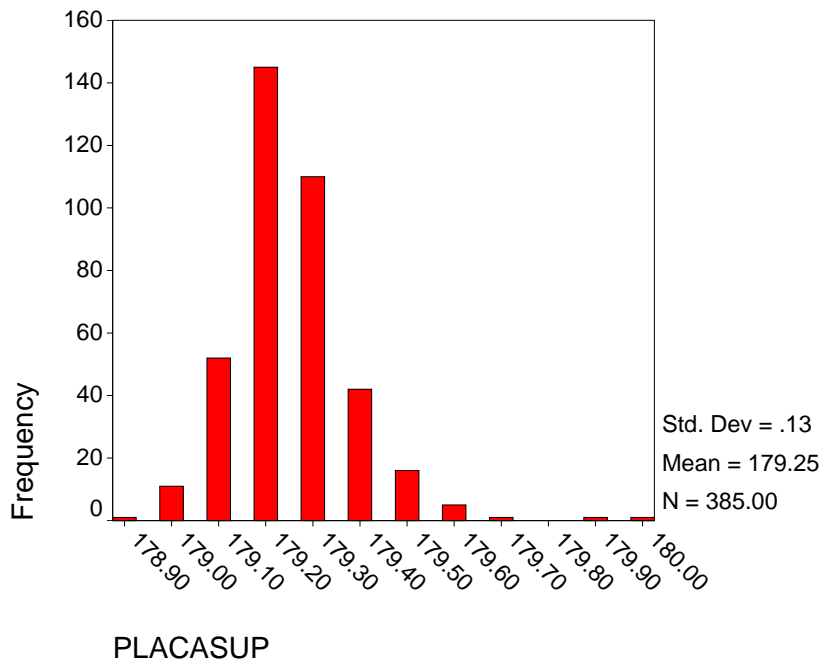
Tests of Normality

	Kolmogorov-Smirnov ^a		
	Statistic	df	Sig.
PLACASUP	.203	385	.000

a. Lilliefors Significance Correction

PLACASUP

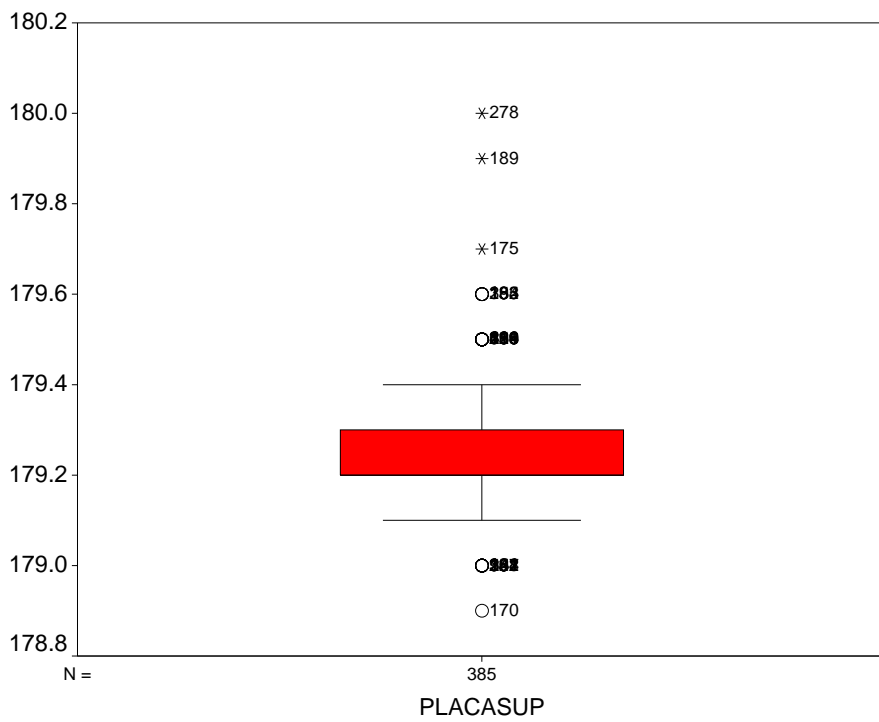
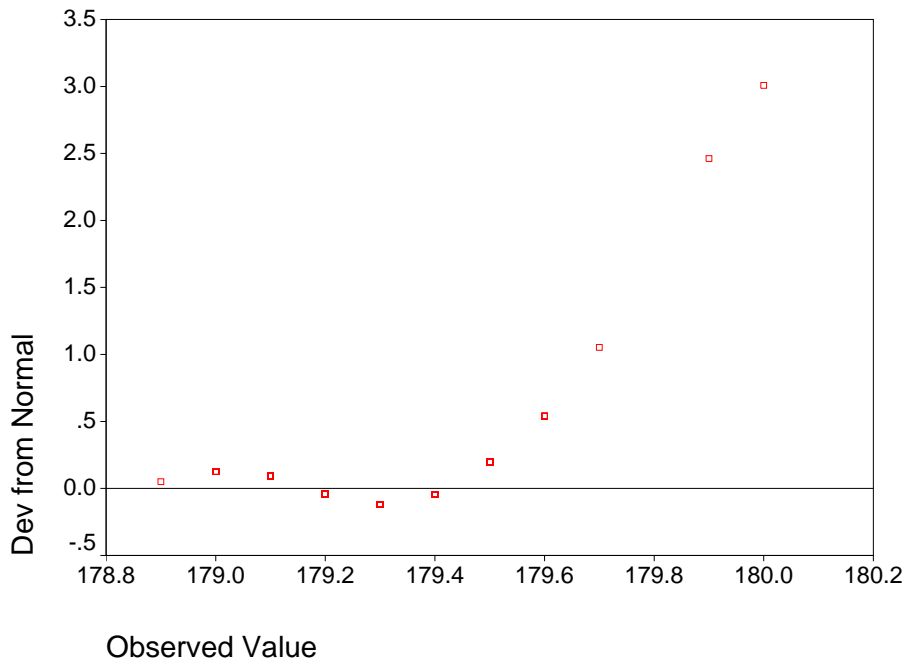
Histogram



PLACASUP Stem-and-Leaf Plot

Frequency Stem & Leaf

Detrended Normal Q-Q Plot of PLACASUP



Frequencies

Statistics

PLACINFE

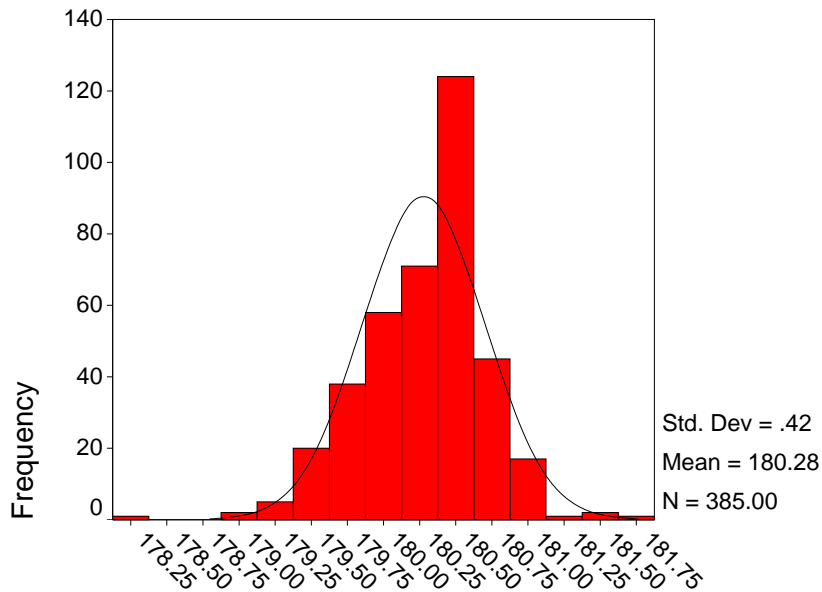
N	Valid	385
	Missing	0
Mean		180.2779
Std. Error of Mean		2.159E-02
Std. Deviation		.4237
Variance		.1795
Skewness		-.499
Std. Error of Skewness		.124
Kurtosis		1.237
Std. Error of Kurtosis		.248
Range		3.50
Minimum		178.30
Maximum		181.80
Percentiles	25	180.0074 ^a
	50	180.3409
	75	180.5578

a. Percentiles are calculated from grouped data.

PLACINFE

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 178.30	1	.3	.3	.3
179.10	2	.5	.5	.8
179.20	3	.8	.8	1.6
179.30	2	.5	.5	2.1
179.40	6	1.6	1.6	3.6
179.50	6	1.6	1.6	5.2
179.60	8	2.1	2.1	7.3
179.70	20	5.2	5.2	12.5
179.80	18	4.7	4.7	17.1
179.90	11	2.9	2.9	20.0
180.00	35	9.1	9.1	29.1
180.10	12	3.1	3.1	32.2
180.20	30	7.8	7.8	40.0
180.30	41	10.6	10.6	50.6
180.40	47	12.2	12.2	62.9
180.50	49	12.7	12.7	75.6
180.60	28	7.3	7.3	82.9
180.70	31	8.1	8.1	90.9
180.80	14	3.6	3.6	94.5
180.90	6	1.6	1.6	96.1
181.00	10	2.6	2.6	98.7
181.10	1	.3	.3	99.0
181.20	1	.3	.3	99.2
181.40	2	.5	.5	99.7
181.80	1	.3	.3	100.0
Total	385	100.0	100.0	

PLACINFE



PLACINFE

Descriptives

Descriptive Statistics

	N	Range	Minimum	Maximum	Sum
	Statistic	Statistic	Statistic	Statistic	Statistic
PLACINFE	385	3.50	178.30	181.80	69407.00
Valid N (listwise)	385				

Descriptive Statistics

	Mean		Std.	Variance
	Statistic	Std. Error	Statistic	Statistic
PLACINFE	180.2779	2.159E-02	.4237	.179
Valid N (listwise)				

Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
PLACINFE	-.499	.124	1.237	.248
Valid N (listwise)				

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
PLACINFE	385	100.0%	0	.0%	385	100.0%

Descriptives

			Statistic	Std. Error
PLACINFE	Mean		180.2779	2.159E-02
	95% Confidence Interval for Mean	Lower Bound	180.2355	
		Upper Bound	180.3204	
	5% Trimmed Mean		180.2880	
	Median		180.3000	
	Variance		.179	
	Std. Deviation		.4237	
	Minimum		178.30	
	Maximum		181.80	
	Range		3.50	
	Interquartile Range		.5000	
	Skewness		-.499	.124
	Kurtosis		1.237	.248

M-Estimators

	Huber's M-Estimator ^a	Tukey's Biweight ^b	Hampel's M-Estimator ^c	Andrews' Wave ^d
PLACINFE	180.3083	180.3107	180.2986	180.3108

- a. The weighting constant is 1.339.
- b. The weighting constant is 4.685.
- c. The weighting constants are 1.700, 3.400, and 8.500
- d. The weighting constant is $1.340 \cdot \pi$.

Percentiles

		Percentiles				
		5	10	25	50	75
Weighted Average(Definition 1)	PLACINFE	179.5000	179.7000	180.0000	180.3000	180.5000
Tukey's Hinges	PLACINFE			180.0000	180.3000	180.5000

Percentiles

		Percentiles	
		90	95
Weighted Average(Definition 1)	PLACINFE	180.7000	180.9000
Tukey's Hinges	PLACINFE		

Extreme Values

			Case Number	Value
PLACINFE	Highest	1	278	181.80
		2	43	181.40
		3	132	181.40
		4	85	181.20
		5	129	181.10
	Lowest	1	17	178.30
		2	187	179.10
		3	141	179.10
		4	170	179.20
		5	7	.a

a. Only a partial list of cases with the value 179 are shown in the table of lower extremes.

Tests of Normality

	Kolmogorov-Smirnov ^a		
	Statistic	df	Sig.
PLACINFE	.121	385	.000

a. Lilliefors Significance Correction

PLACINFE

PLACINFE Stem-and-Leaf Plot

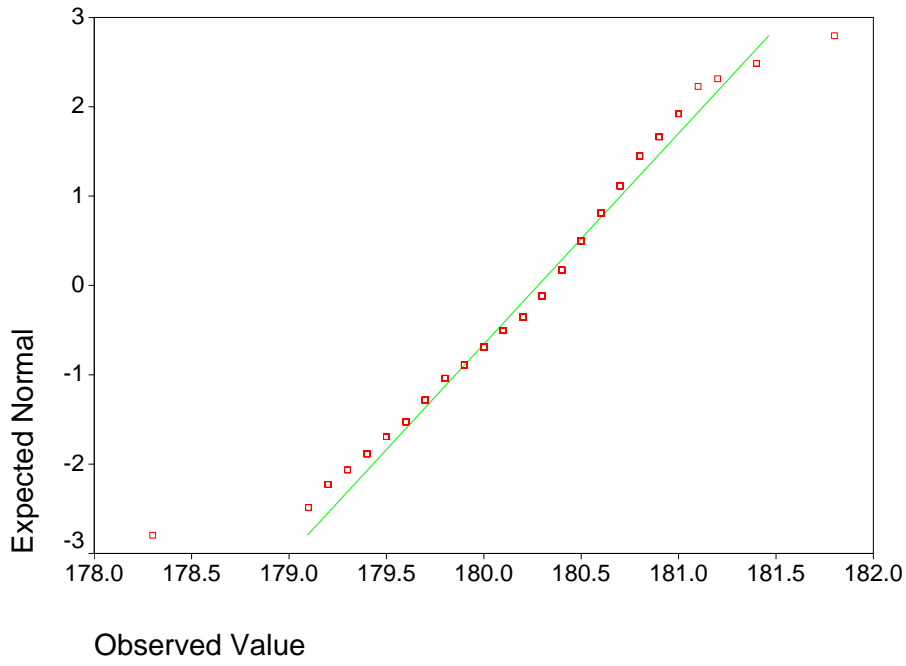
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Frequency      Stem & Leaf

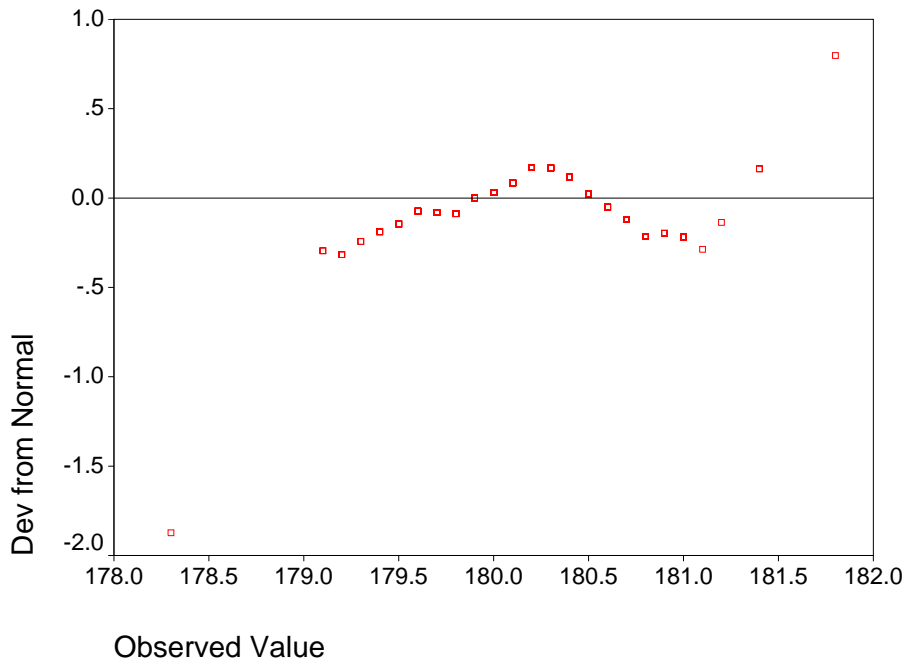
 6.00 Extremes  (= <179.20)
 2.00   1793 . 00
 6.00   1794 . 000000
 6.00   1795 . 000000
 8.00   1796 . 00000000
20.00   1797 . 00000000000000000000
18.00   1798 . 000000000000000000
11.00   1799 . 00000000000
35.00   1800 . 0000000000000000000000000000000000000000
12.00   1801 . 000000000000
30.00   1802 . 0000000000000000000000000000000000000000
41.00   1803 . 00000000000000000000000000000000000000000000000000000
47.00   1804 . 0000000000000000000000000000000000000000000000000000000
49.00   1805 . 0000000000000000000000000000000000000000000000000000000
28.00   1806 . 0000000000000000000000000000000000000000000000000000000
31.00   1807 . 0000000000000000000000000000000000000000000000000000000
14.00   1808 . 0000000000000000000000000000000000000000000000000000000
 6.00   1809 . 000000
10.00   1810 . 0000000000
 1.00   1811 . 0
 1.00   1812 . 0
 3.00 Extremes  (>=181.40)
  
```

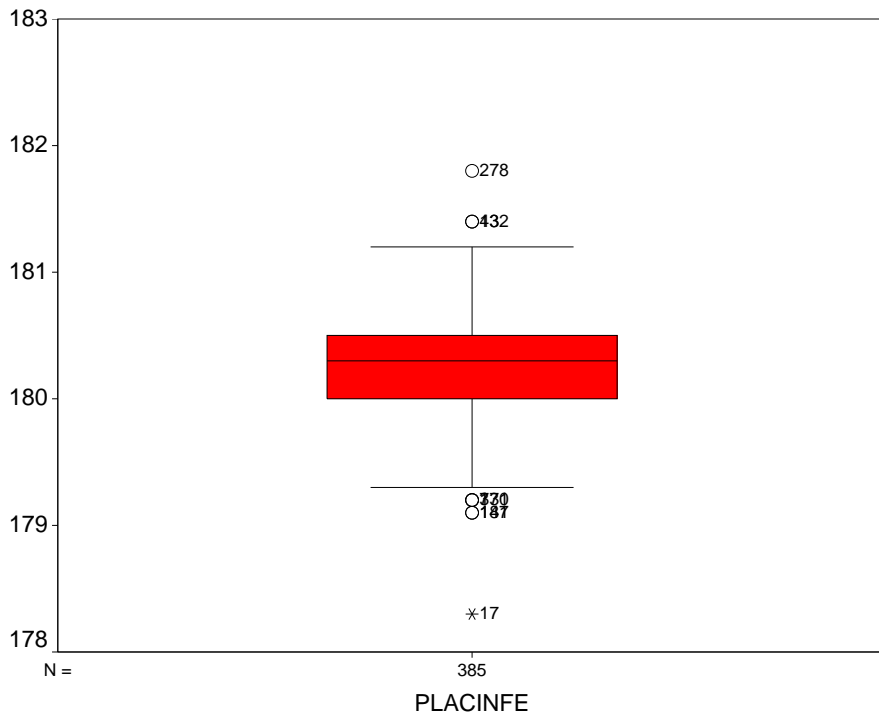
Stem width: .10
 Each leaf: 1 case(s)

Normal Q-Q Plot of PLACINFE



Detrended Normal Q-Q Plot of PLACINFE





Frequencies

Statistics

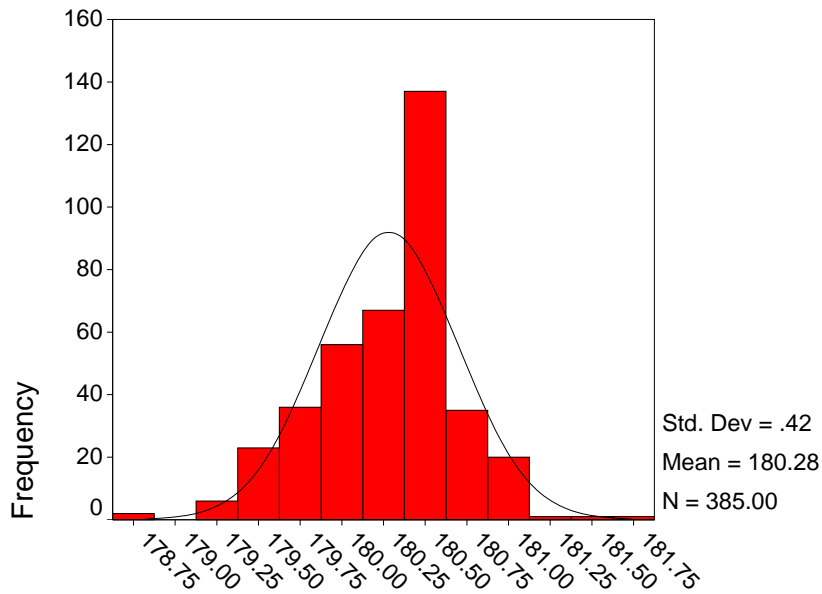
CHAPINFD

N	Valid	385
	Missing	1
Mean		180.2813
Std. Error of Mean		2.124E-02
Std. Deviation		.4169
Variance		.1738
Range		3.10
Minimum		178.70
Maximum		181.80
Percentiles	25	180.0000
	50	180.4000
	75	180.6000

CHAPINFD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	178.70	1	.3	.3	.3
	178.80	1	.3	.3	.5
	179.20	2	.5	.5	1.0
	179.30	4	1.0	1.0	2.1
	179.40	3	.8	.8	2.9
	179.50	8	2.1	2.1	4.9
	179.60	12	3.1	3.1	8.1
	179.70	16	4.1	4.2	12.2
	179.80	20	5.2	5.2	17.4
	179.90	17	4.4	4.4	21.8
	180.00	23	6.0	6.0	27.8
	180.10	16	4.1	4.2	31.9
	180.20	29	7.5	7.5	39.5
	180.30	38	9.8	9.9	49.4
	180.40	40	10.4	10.4	59.7
	180.50	58	15.0	15.1	74.8
	180.60	39	10.1	10.1	84.9
	180.70	24	6.2	6.2	91.2
	180.80	11	2.8	2.9	94.0
	180.90	9	2.3	2.3	96.4
	181.00	11	2.8	2.9	99.2
	181.20	1	.3	.3	99.5
	181.40	1	.3	.3	99.7
	181.80	1	.3	.3	100.0
	Total	385	99.7	100.0	
Missing	System	1	.3		
Total		386	100.0		

CHAPINFD



CHAPINFD

Descriptives

Descriptive Statistics

	N	Range	Minimum	Maximum	Sum
	Statistic	Statistic	Statistic	Statistic	Statistic
CHAPINFD	385	3.10	178.70	181.80	69408.30
Valid N (listwise)	385				

Descriptive Statistics

	Mean		Std.	Variance
	Statistic	Std. Error	Statistic	Statistic
CHAPINFD	180.2813	2.124E-02	.4169	.174
Valid N (listwise)				

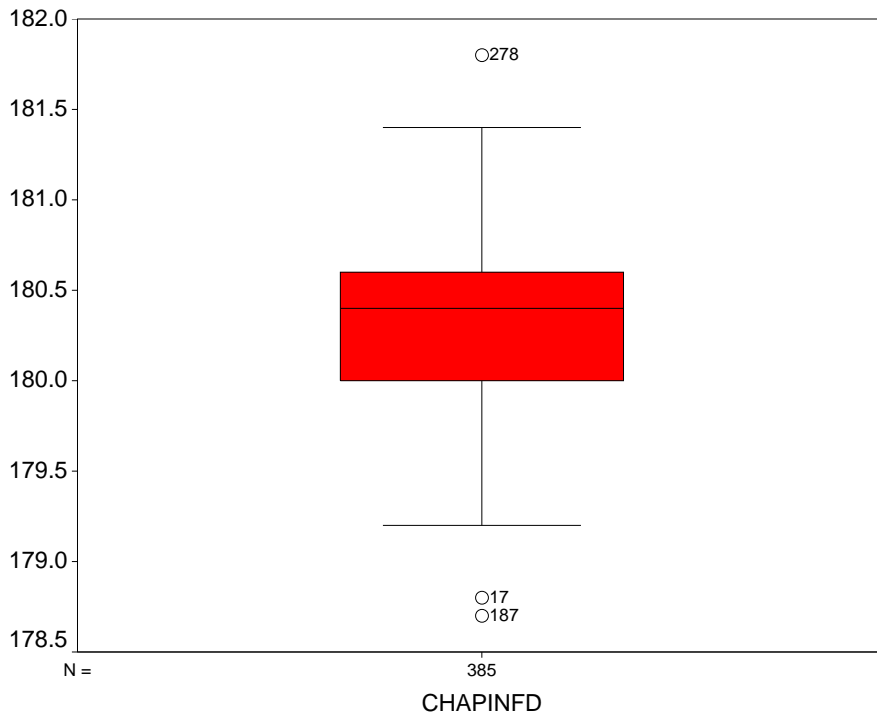
Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
CHAPINFD	-.469	.124	.677	.248
Valid N (listwise)				

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CHAPINFD	385	99.7%	1	.3%	386	100.0%



Explore

REQUEST 69

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CHAPINFD	385	99.7%	1	.3%	386	100.0%

Descriptives

		Statistic	Std. Error
CHAPINFD	Mean	180.2813	2.124E-02
	95% Confidence Interval for Mean	Lower Bound 180.2395 Upper Bound 180.3231	
	5% Trimmed Mean	180.2914	
	Median	180.4000	
	Variance	.174	
	Std. Deviation	.4169	
	Minimum	178.70	
	Maximum	181.80	
	Range	3.10	
	Interquartile Range	.6000	
	Skewness	-.469	.124
	Kurtosis	.677	.248

M-Estimators

	Huber's M-Estimator ^a	Tukey's Biweight ^b	Hampel's M-Estimator ^c	Andrews' Wave ^d
CHAPINFD	180.3496	180.3820	180.3447	180.3829

- a. The weighting constant is 1.339.
- b. The weighting constant is 4.685.
- c. The weighting constants are 1.700, 3.400, and 8.500
- d. The weighting constant is $1.340 \cdot \pi$.

Percentiles

		Percentiles				
		5	10	25	50	75
Weighted Average(Definition 1)	CHAPINFD	179.5300	179.7000	180.0000	180.4000	180.6000
Tukey's Hinges	CHAPINFD			180.0000	180.4000	180.6000

Percentiles

		Percentiles	
		90	95
Weighted Average(Definition 1)	CHAPINFD	180.7000	180.9000
Tukey's Hinges	CHAPINFD		

Extreme Values

			Case Number	Value
CHAPINFD	Highest	1	278	181.80
		2	132	181.40
		3	43	181.20
		4	281	181.00
		5	85	. ^a
	Lowest	1	187	178.70
		2	17	178.80
		3	238	179.20
		4	170	179.20
		5	331	. ^b

a. Only a partial list of cases with the value 181 are shown in the table of upper extremes.

b. Only a partial list of cases with the value 179 are shown in the table of lower extremes.

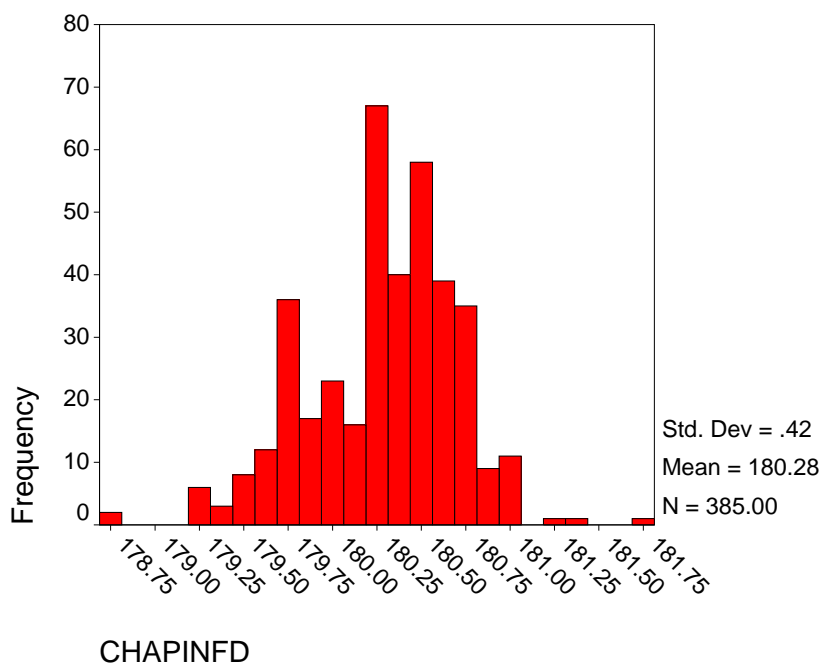
Tests of Normality

	Kolmogorov-Smirnov ^a		
	Statistic	df	Sig.
CHAPINFD	.123	385	.000

a. Lilliefors Significance Correction

CHAPINFD

Histogram



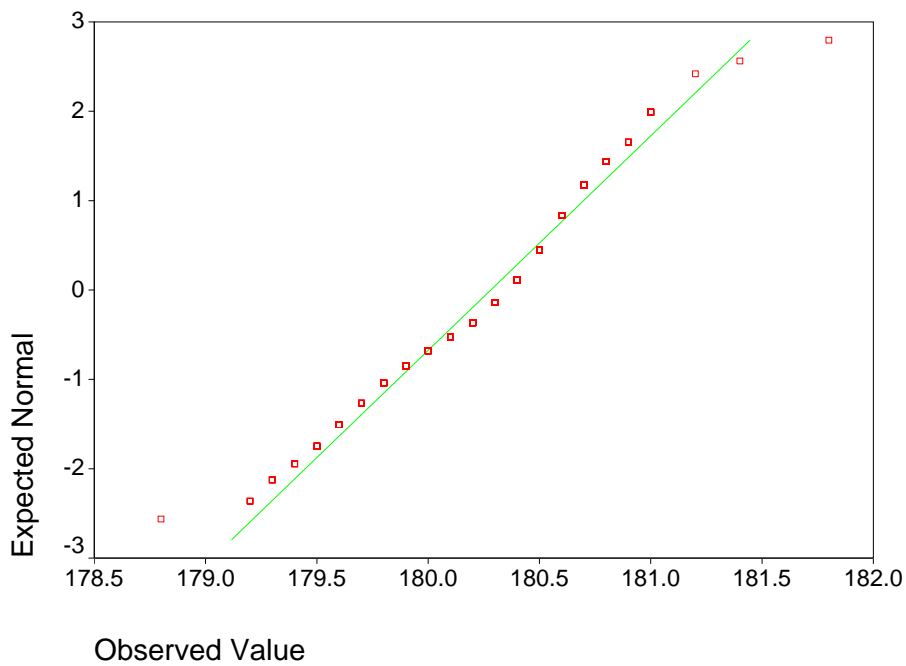
CHAPINFD Stem-and-Leaf Plot

Frequency	Stem	&	Leaf
2.00	Extremes		(= <178.8)
.00	179	.	
6.00	179	.	23
11.00	179	.	4555
28.00	179	.	666677777
37.00	179	.	8888888999999
39.00	180	.	000000011111
67.00	180	.	222222222233333333333333
98.00	180	.	44444444444444555555555555555555
63.00	180	.	66666666666666777777777
20.00	180	.	8888999
11.00	181	.	0000
1.00	181	.	&
1.00	181	.	&
1.00	Extremes		(= ≥ 181.8)

Stem width: 1.00
Each leaf: 3 case(s)

& denotes fractional leaves.

Normal Q-Q Plot of CHAPINFD



Detrended Normal Q-Q Plot of CHAPINFD

