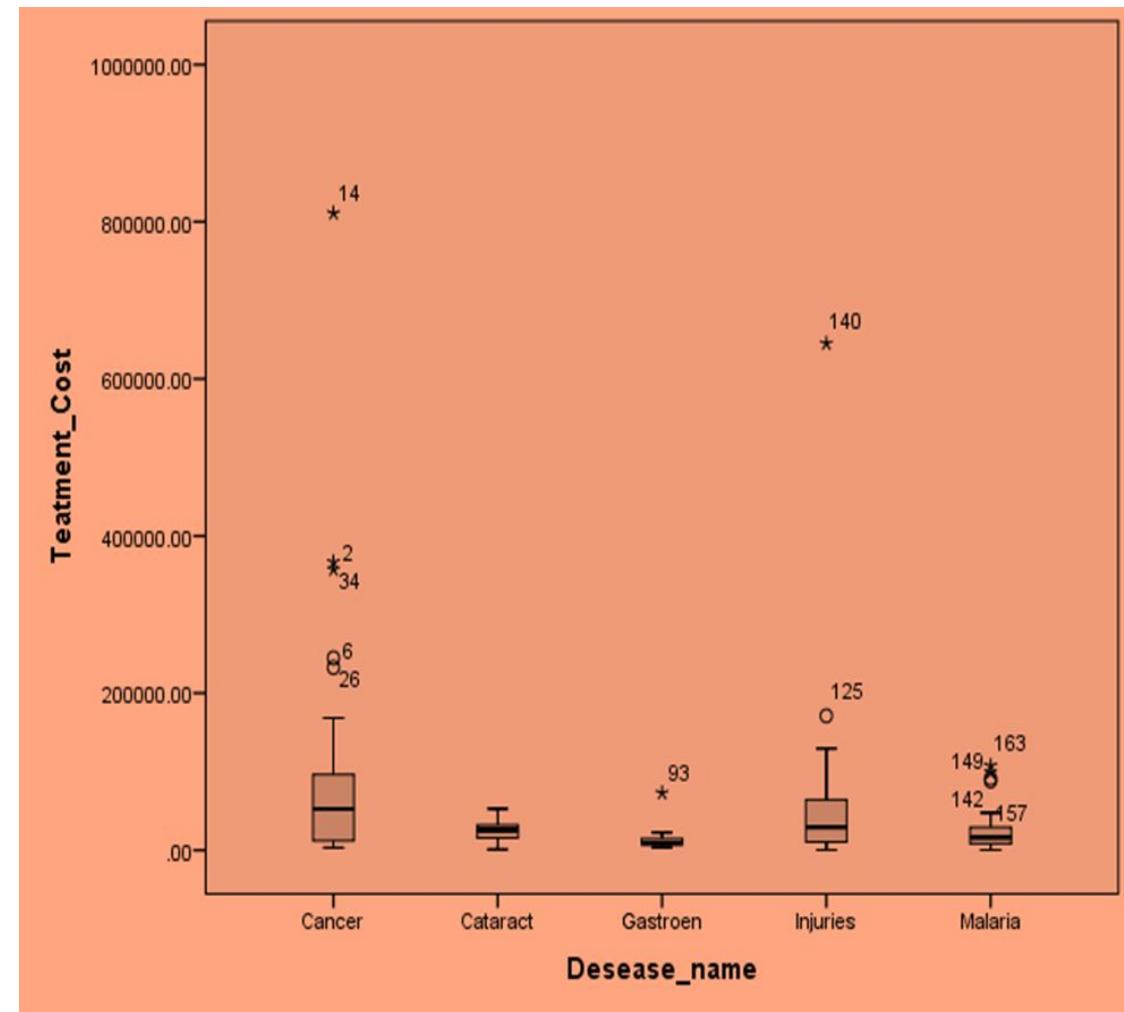


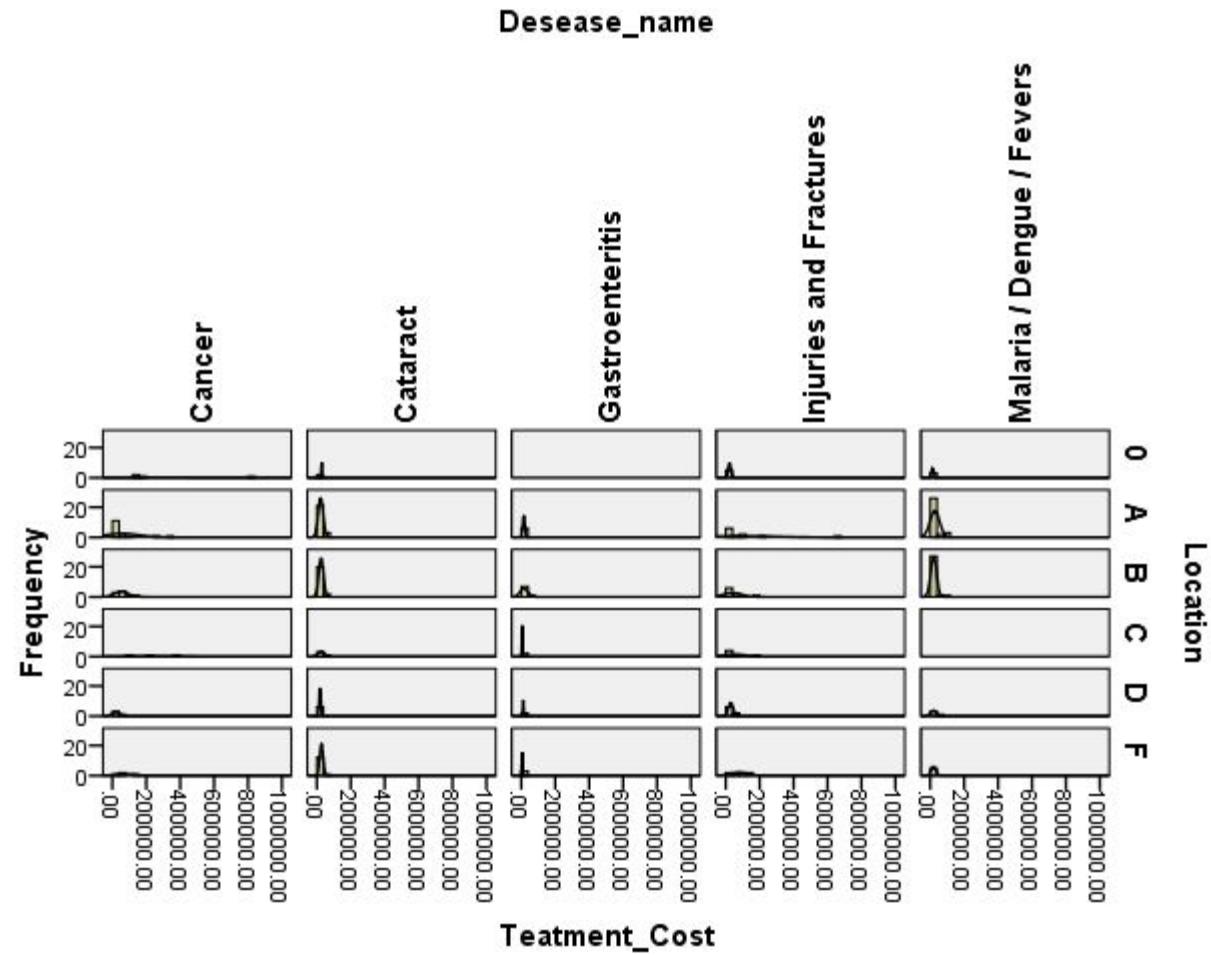
BITS DATA ANALYSIS

Using SPSS

Case Processing Summary							
Desease name	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	Cancer	34	100.0%	0	0.0%	34	100.0%
	Cataract	55	100.0%	0	0.0%	55	100.0%
	Gastroen	18	100.0%	0	0.0%	18	100.0%
	Injuries	33	100.0%	0	0.0%	33	100.0%
	Malaria	60	100.0%	0	0.0%	60	100.0%

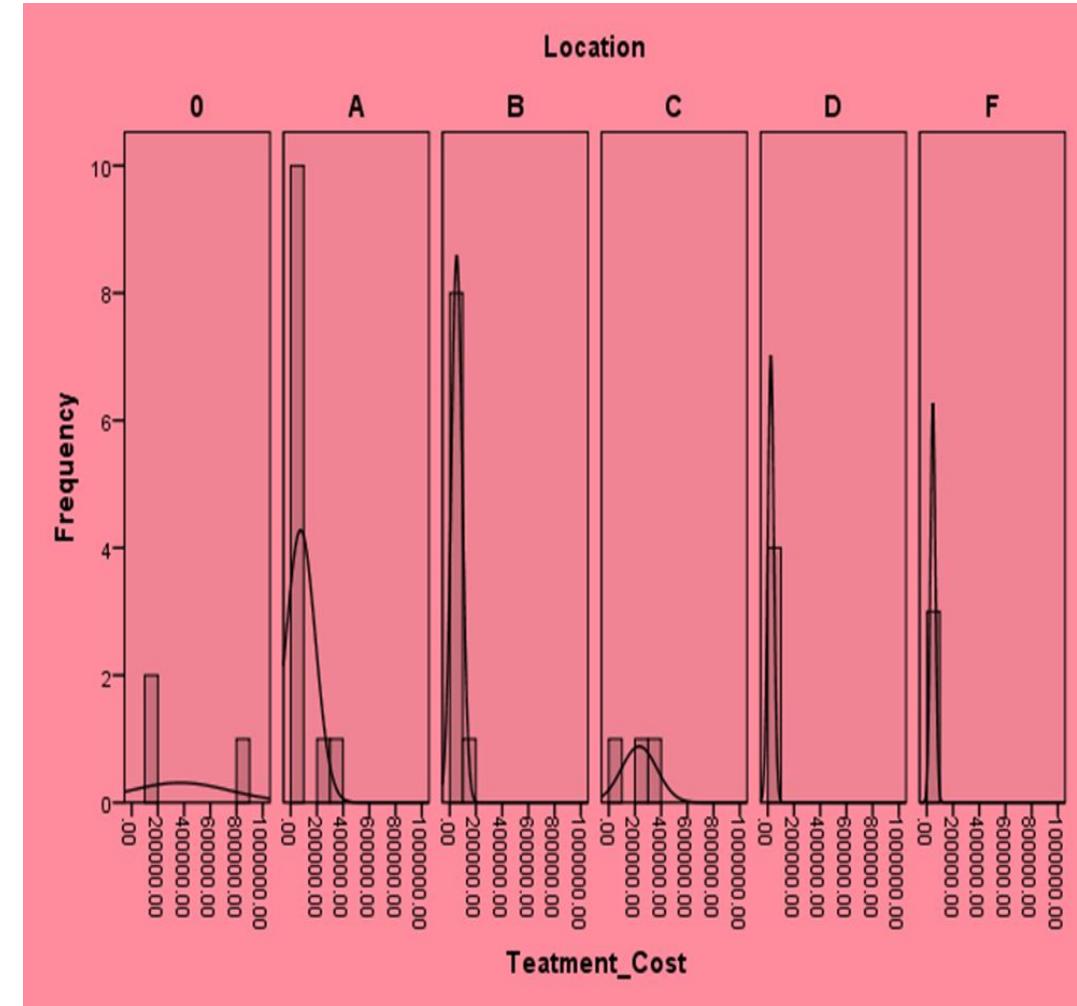
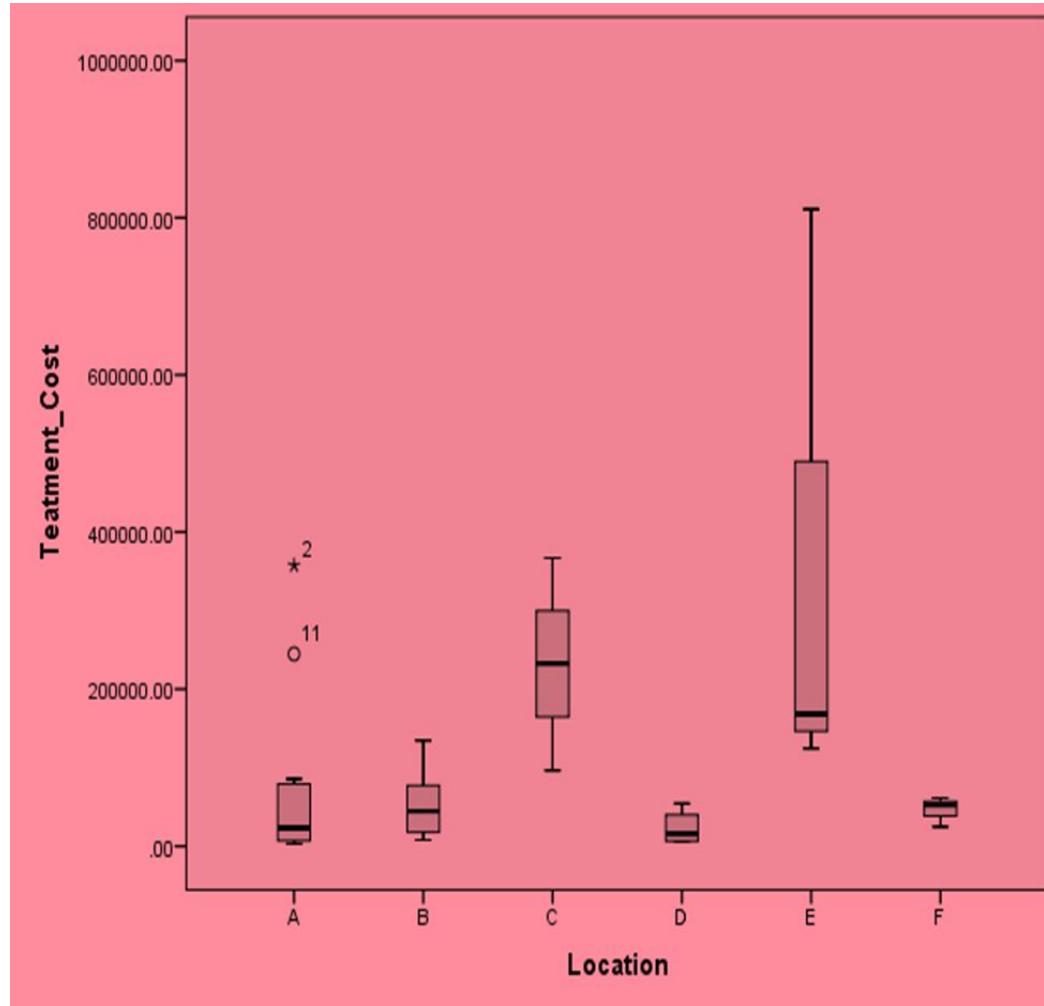


Descriptives					
	Disease	name		Statistic	Std. Error
Treatment_Cost	Cancer	Mean		100582.6471	26902.95838
		95% Confidence Interval for Mean	Lower Bound	45848.1667	
			Upper Bound	155317.1274	
		5% Trimmed Mean		76695.6438	
		Median		52538.5000	
		Variance		24608151765	
		Std. Deviation		156869.8561	
		Minimum		3092.00	
		Maximum		810811.00	
		Range		807719.00	
		Interquartile Range		91233.25	
		Skewness		3.246	.403
		Kurtosis		12.644	.788
		Mean		24364.5091	1740.52811
Cataract	Cataract	95% Confidence Interval for Mean	Lower Bound	20874.9603	
			Upper Bound	27854.0579	
		5% Trimmed Mean		24233.6414	
		Median		25730.0000	
		Variance		166619096.0	
		Std. Deviation		12908.10195	
		Minimum		888.00	
		Maximum		52770.00	
		Range		51882.00	
		Interquartile Range		17294.00	
		Skewness		-.128	.322
		Kurtosis		-.576	.634
		Mean		13828.1667	3685.82905
		95% Confidence Interval for Mean	Lower Bound	6051.7471	
Gastroen	Gastroen		Upper Bound	21604.5862	
		5% Trimmed Mean		11101.6296	
		Median		8908.0000	
		Variance		244536043.9	
		Std. Deviation		15637.64829	
		Minimum		3922.00	
		Maximum		72812.00	
		Range		68890.00	
		Interquartile Range		8128.50	
		Skewness		3.496	.536
		Kurtosis		13.415	1.038
		Mean		57800.5758	19720.92382
		95% Confidence Interval for Mean	Lower Bound	17630.3685	
			Upper Bound	97970.7830	
Injuries	Injuries	5% Trimmed Mean		38715.5572	
		Median		29315.0000	
		Variance		12834189594	
		Std. Deviation		113288.0823	
		Minimum		300.00	
		Maximum		645075.00	
		Range		644775.00	
		Interquartile Range		56276.50	
		Skewness		4.641	.409
		Kurtosis		23.994	.798
		Mean		23127.5667	3004.85001
		95% Confidence Interval for Mean	Lower Bound	17114.8757	
			Upper Bound	29140.2576	
Malaria	Malaria	5% Trimmed Mean		20134.1296	
		Median		16078.0000	
		Variance		541747413.2	
		Std. Deviation		23275.46806	
		Minimum		180.00	
		Maximum		107554.00	
		Range		107374.00	
		Interquartile Range		22149.00	
		Skewness		2.158	.309
		Kurtosis		4.965	.608



CANCER

Before outlier treatment



Case Processing Summary							
Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	71	100.0%	0	0.0%	71	100.0%
	B	65	100.0%	0	0.0%	65	100.0%
	C	13	100.0%	0	0.0%	13	100.0%
	D	20	100.0%	0	0.0%	20	100.0%
	E	8	100.0%	0	0.0%	8	100.0%
	F	23	100.0%	0	0.0%	23	100.0%

Extreme Values ^a						
	Location			Case Number	Value	
Treatment_Cost	A	Highest	1	2	357411.00	
			2	11	244705.00	
			3	4	85603.00	
			4	9	73057.00	
			5	8	69470.00	
	B	Lowest	1	1	3092.00	
			2	12	3151.00	
			3	6	6857.00	
			4	10	7269.00	
			5	7	12117.00	
	C	Highest	1	13	134560.00	
			2	14	92019.00	
			3	21	77195.00	
			4	20	52812.00	
		Lowest	1	18	7816.00	
			2	19	11925.00	
			3	15	17700.00	
			4	17	41481.00	
		Highest	1	24	366878.00	
		Lowest	1	23	96295.00	
	D	Highest	1	27	54408.00	
			2	26	25586.00	
		Lowest	1	25	6347.00	
			2	28	6393.00	
	E	Highest	1	30	810811.00	
		Lowest	1	29	124324.00	
	F	Highest	1	32	61350.00	
		Lowest	1	33	24780.00	

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

Tests of Normality

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Treatment_Cost	A .298	12	.004	.692	12	.001
	B .172	9	.200*	.923	9	.420
	C .175	3	.	1.000	3	.992
	D .270	4	.	.849	4	.222
	E .365	3	.	.798	3	.110
	F .293	3	.	.922	3	.460

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

a. Lilliefors Significance Correction

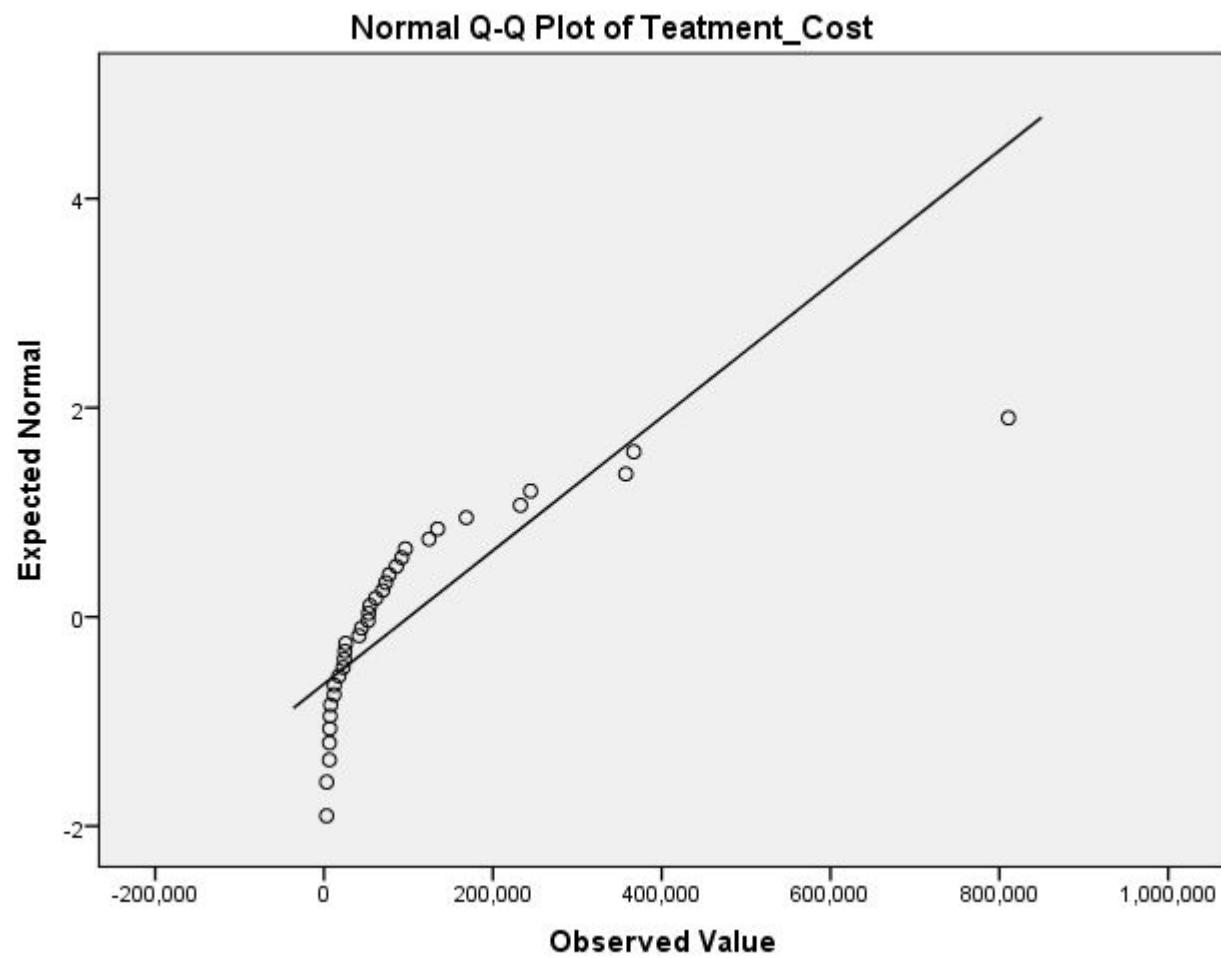
Percentiles

Location	Percentiles						
	5	10	25	50	75	90	95
Weighted Average (Definition 1)	Treatment_Cost A 3092.0000	3109.7000	6960.0000	23328.5000	82466.5000	323599.2000	.
	B 7816.0000	7816.0000	14812.5000	44386.0000	84607.0000	.	.
	C 96295.0000	96295.0000	96295.0000	232623.0000	.	.	.
	D 6347.0000	6347.0000	6358.5000	15989.5000	47202.5000	.	.
	E 124324.0000	124324.0000	124324.0000	168467.0000	.	.	.
	F 24780.0000	24780.0000	24780.0000	52265.0000	.	.	.
Tukey's Hinges	Treatment_Cost A		7063.0000	23328.5000	79330.0000		
	B		17700.0000	44386.0000	77195.0000		
	C		164459.0000	232623.0000	299750.5000		
	D		6370.0000	15989.5000	39997.0000		
	E		146395.5000	168467.0000	489639.0000		
	F		38522.5000	52265.0000	56807.5000		

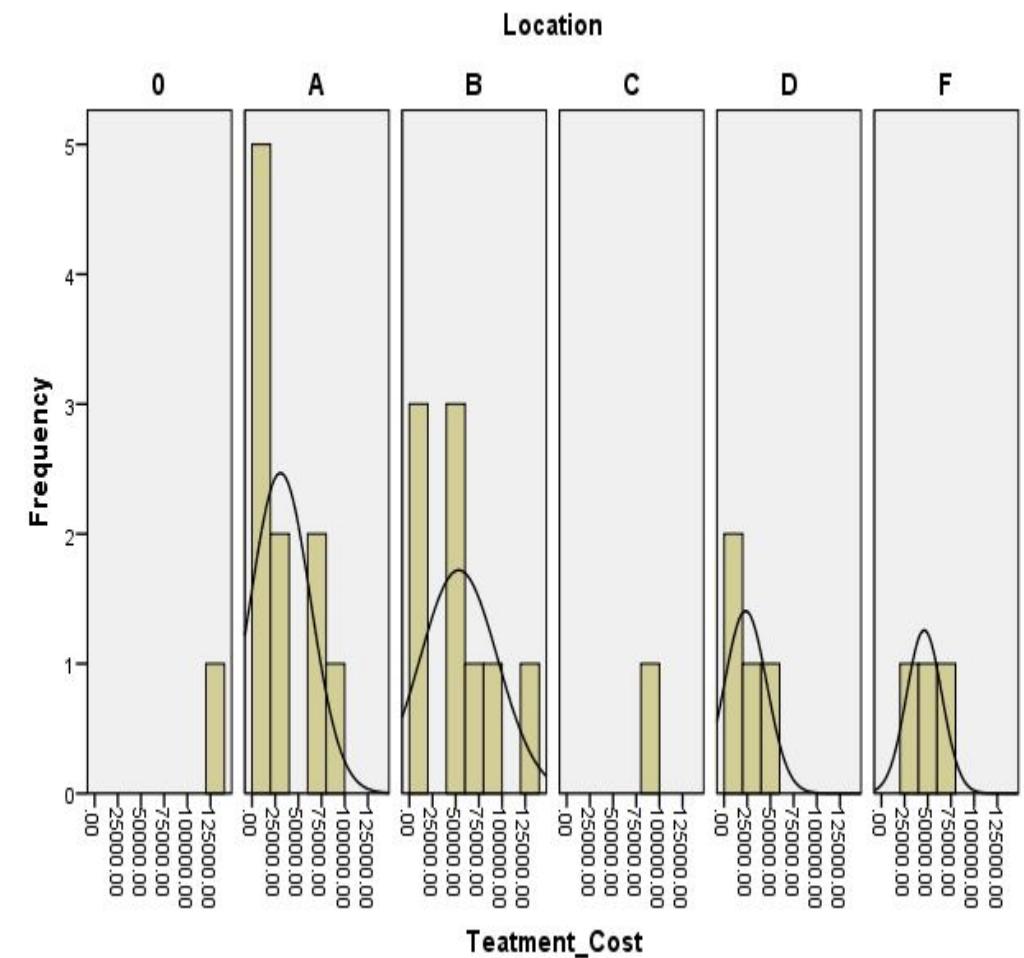
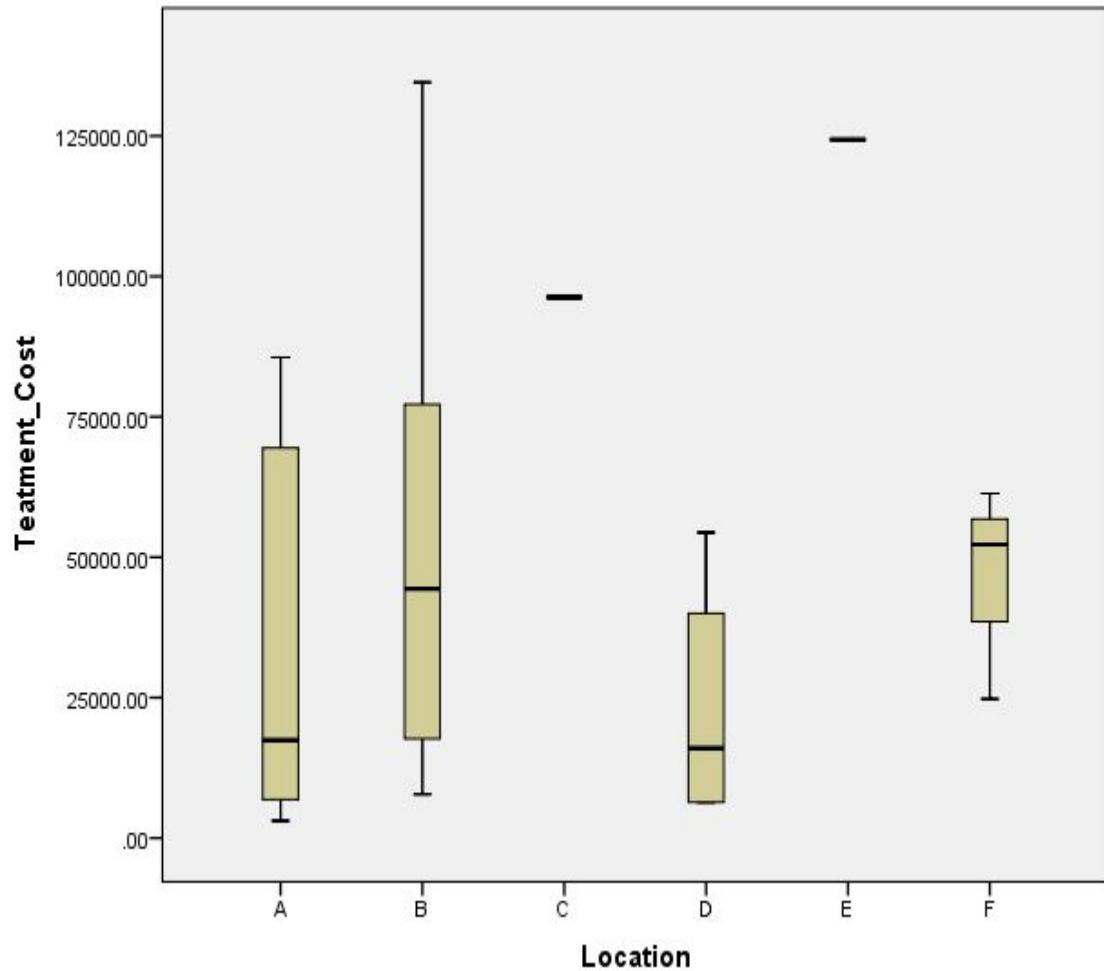
Descriptives				
	Location	Statistic	Std. Error	
Treatment_Cost	A	Mean	75782.4167	32281.21751
		95% Confidence Interval for Mean	Lower Bound	4731.9360
			Upper Bound	146832.8974
		5% Trimmed Mean		64174.7407
		Median		23328.5000
		Variance		12504924050
		Std. Deviation		111825.4177
		Minimum		3092.00
		Maximum		357411.00
		Range		354319.00
		Interquartile Range		75506.50
		Skewness		1.966
		Kurtosis		3.259
Treatment_Cost	B	Mean	53321.5556	13914.79358
		95% Confidence Interval for Mean	Lower Bound	21233.9840
			Upper Bound	85409.1271
		5% Trimmed Mean		51336.3951
		Median		44386.0000
		Variance		1742593323
		Std. Deviation		41744.38074
		Minimum		7816.00
		Maximum		134560.00
		Range		126744.00
		Interquartile Range		69794.50
		Skewness		.873
		Kurtosis		.279
Treatment_Cost	C	Mean	231932.0000	78111.34805
		95% Confidence Interval for Mean	Lower Bound	-104154.0049
			Upper Bound	568018.0049
		5% Trimmed Mean		.
		Median		232623.0000
		Variance		18304148083
		Std. Deviation		135292.8235
		Minimum		96295.00
		Maximum		366878.00
		Range		270583.00
		Interquartile Range		.
		Skewness		-.023
		Kurtosis		.

Descriptives				
	Location	Statistic	Std. Error	
Treatment_Cost	D	Mean	23183.5000	11350.95455
		95% Confidence Interval for Mean	Lower Bound	-12940.3034
			Upper Bound	59307.3034
		5% Trimmed Mean		22384.1667
		Median		15989.5000
		Variance		515376676.3
		Std. Deviation		22701.90909
		Minimum		6347.00
		Maximum		54408.00
		Range		48061.00
		Interquartile Range		40844.00
		Skewness		1.194
		Kurtosis		.435
Treatment_Cost	E	Mean	367867.3333	221838.1317
		95% Confidence Interval for Mean	Lower Bound	-586625.1095
			Upper Bound	1322359.776
		5% Trimmed Mean		.
		Median		168467.0000
		Variance		1.476E+11
		Std. Deviation		384234.9151
		Minimum		124324.00
		Maximum		810811.00
		Range		686487.00
		Interquartile Range		.
		Skewness		1.706
		Kurtosis		.
Treatment_Cost	F	Mean	46131.6667	10993.24881
		95% Confidence Interval for Mean	Lower Bound	-1168.4653
			Upper Bound	93431.7987
		5% Trimmed Mean		.
		Median		52265.0000
		Variance		362554558.3
		Std. Deviation		19040.86548
		Minimum		24780.00
		Maximum		61350.00
		Range		36570.00
		Interquartile Range		.
		Skewness		-1.299
		Kurtosis		.

Q-Q plot for entire data



After outlier treatment



Tests of Normality^{c,d}

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Treatment_Cost	A	.283	10	.023	.791	10	.011
	B	.172	9	.200*	.923	9	.420
	D	.270	4	.	.849	4	.222
	F	.293	3	.	.922	3	.460

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

a. Lilliefors Significance Correction

c. Treatment_Cost is constant when Location = C . It has been omitted.

d. Treatment_Cost is constant when Location = E . It has been omitted.

Case Processing Summary

Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	10	100.0%	0	0.0%	10	100.0%
	B	9	100.0%	0	0.0%	9	100.0%
	C	1	100.0%	0	0.0%	1	100.0%
	D	4	100.0%	0	0.0%	4	100.0%
	E	1	100.0%	0	0.0%	1	100.0%
	F	3	100.0%	0	0.0%	3	100.0%

Extreme Values^{a,b,c}

Treatment_Cost	Location	Highest	Case Number	Value
A	Highest	1	3	85603.00
		2	8	73057.00
		3	7	69470.00
		4	2	23967.00
		5	4	22690.00
	Lowest	1	1	3092.00
		2	10	3151.00
		3	5	6857.00
		4	9	7269.00
		5	6	12117.00
B	Highest	1	11	134560.00
		2	12	92019.00
		3	19	77195.00
		4	18	52812.00
	Lowest	1	16	7816.00
		2	17	11925.00
		3	13	17700.00
		4	15	41481.00
D	Highest	1	23	54408.00
		2	22	25586.00
	Lowest	1	21	6347.00
		2	24	6393.00
F	Highest	1	26	61350.00
	Lowest	1	27	24780.00

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

b. Treatment_Cost is constant when Location = C . It has been omitted.

c. Treatment_Cost is constant when Location = E . It has been omitted.

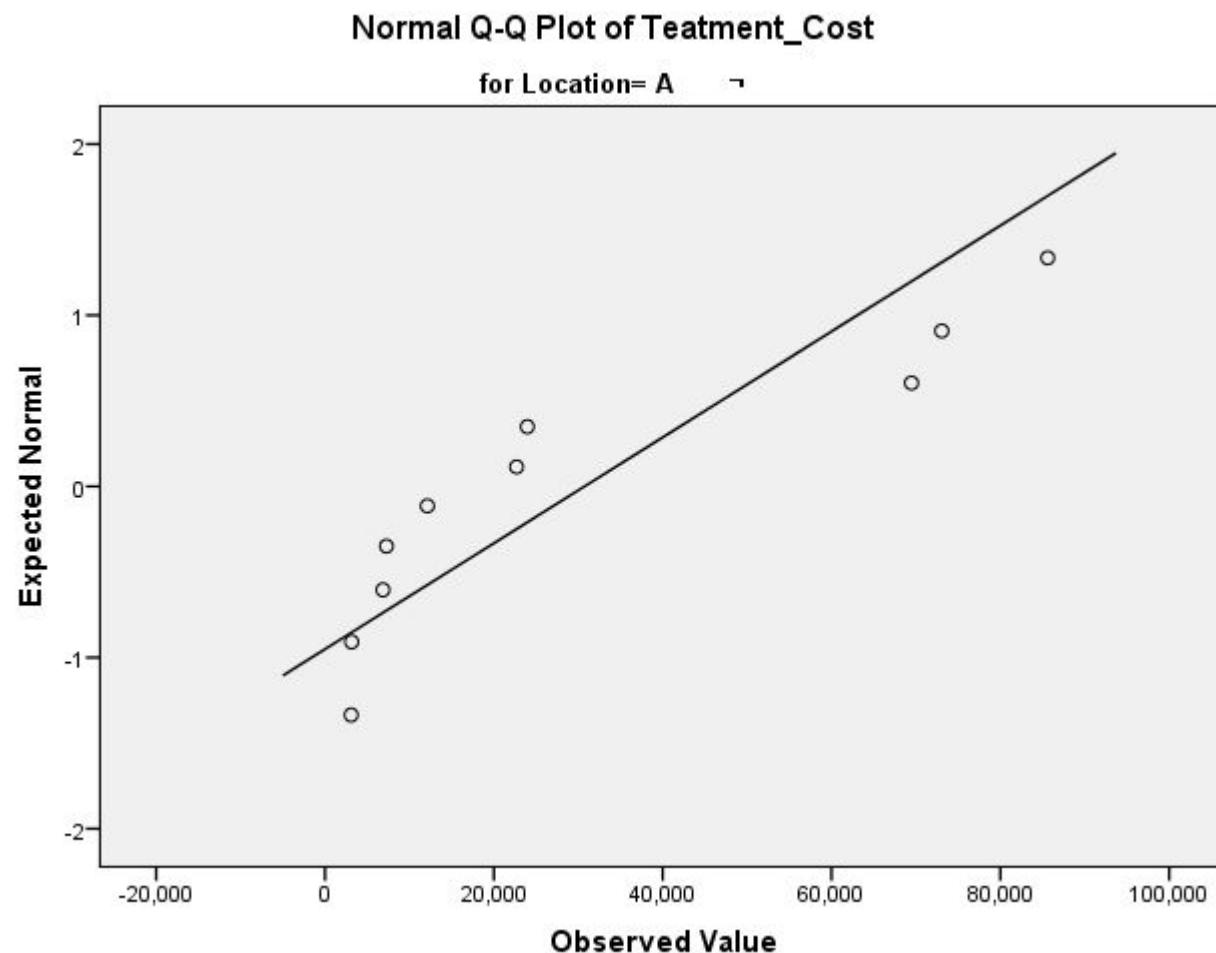
Descriptives^{a,b}

Location		Statistic	Std. Error
Treatment_Cost	A	Mean	30727.3000
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			7602.3056 53852.2944
		5% Trimmed Mean	29213.9444
		Median	17403.5000
		Variance	1045003451
		Std. Deviation	32326.51313
		Minimum	3092.00
		Maximum	85603.00
		Range	82511.00
		Interquartile Range	64436.25
		Skewness	.918
		Kurtosis	-1.052
	B	Mean	53321.5556
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			21233.9840 85409.1271
		5% Trimmed Mean	51336.3951
		Median	44386.0000
		Variance	1742593323
		Std. Deviation	41744.38074
		Minimum	7816.00
		Maximum	134560.00
		Range	126744.00
		Interquartile Range	69794.50
		Skewness	.873
		Kurtosis	.279
	D	Mean	23183.5000
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			-12940.3034 59307.3034
		5% Trimmed Mean	22384.1667
		Median	15989.5000
		Variance	515376676.3
		Std. Deviation	22701.90909
		Minimum	6347.00
		Maximum	54408.00
		Range	48061.00
		Interquartile Range	40844.00
		Skewness	1.194
		Kurtosis	.435
	F	Mean	46131.6667
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			-1168.4653 93431.7987
		5% Trimmed Mean	.
		Median	52265.0000
		Variance	362554558.3
		Std. Deviation	19040.86548
		Minimum	24780.00
		Maximum	61350.00
		Range	36570.00
		Interquartile Range	.
		Skewness	-1.299
		Kurtosis	.

a. Treatment_Cost is constant when Location = C . It has been omitted.

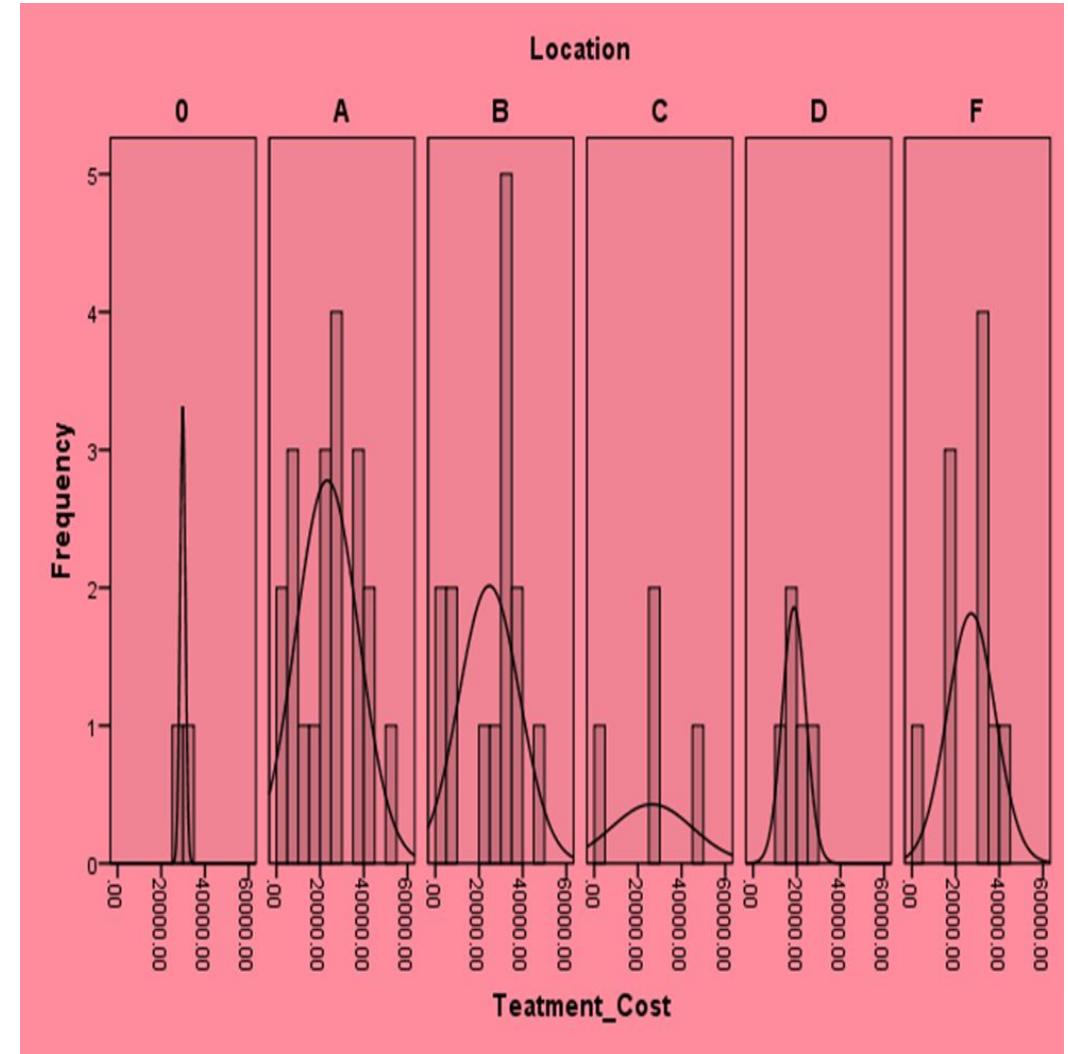
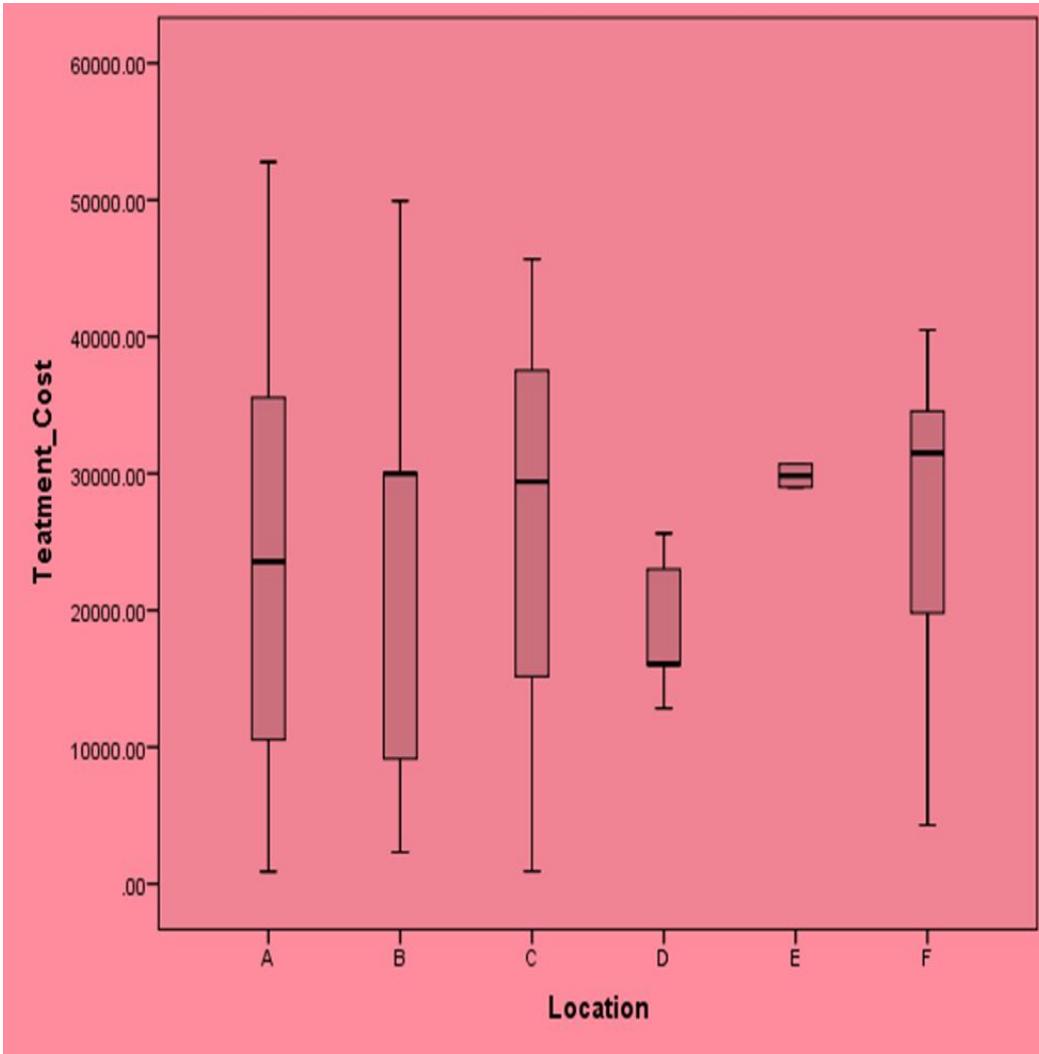
b. Treatment_Cost is constant when Location = E . It has been omitted.

Q-Q plot for entire data



CATARACT

Before outlier treatment



Tests of Normality

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Treatment_Cost	A	.096	20	.200*	.967	20	.681
	B	.220	14	.065	.920	14	.220
	C	.315	4	.	.911	4	.487
	D	.289	5	.200*	.902	5	.423
	E	.260	2
	F	.256	10	.063	.901	10	.223

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

a. Lilliefors Significance Correction

Percentiles

Location	Percentiles							
	5	10	25	50	75	90	95	
Weighted Average (Definition 1)	Treatment_Cost A	993.6000	3300.0000	9880.0000	23558.0000	35775.0000	41024.2000	52188.4000
	B	2310.0000	3240.0000	9135.0000	30000.0000	31395.0000	44125.0000	.
	C	916.0000	916.0000	8037.0000	29400.0000	41606.2500	.	.
	D	12833.0000	12833.0000	14416.5000	16070.0000	24320.0000	.	.
	E	29000.0000	29000.0000	29000.0000	29851.5000	.	.	.
	F	4304.0000	5808.6000	19687.5000	31500.0000	35182.7500	40155.1000	.
Tukey's Hinges	Treatment_Cost A			10541.0000	23558.0000	35550.0000		
	B			9150.0000	30000.0000	30000.0000		
	C			15158.0000	29400.0000	37537.5000		
	D			16000.0000	16070.0000	23010.0000		
	E			29000.0000	29851.5000	30703.0000		
	F			19800.0000	31500.0000	34560.0000		

Case Processing Summary							
Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	20	100.0%	0	0.0%	20	100.0%
	B	14	100.0%	0	0.0%	14	100.0%
	C	4	100.0%	0	0.0%	4	100.0%
	D	5	100.0%	0	0.0%	5	100.0%
	E	2	100.0%	0	0.0%	2	100.0%
	F	10	100.0%	0	0.0%	10	100.0%

Extreme Values ^b						
	Location		Case Number	Value		
Treatment_Cost	A	Highest	1	12	52770.00	
			2	5	41138.00	
			3	15	40000.00	
			4	17	37200.00	
			5	19	36000.00	
	B	Lowest	1	10	888.00	
			2	3	3000.00	
			3	8	6000.00	
			4	6	6000.00	
			5	9	9219.00	
	C	Highest	1	23	49920.00	
			2	22	38330.00	
			3	21	35580.00	
			4	25	30000.00	
			5	26	30000.00 ^a	
		Lowest	1	27	2310.00	
			2	34	4170.00	
			3	24	9090.00	
			4	29	9150.00	
			5	28	21650.00	
	D	Highest	1	36	45675.00	
			2	35	29400.00 ^c	
		Lowest	1	37	916.00	
			2	38	29400.00 ^d	
		Highest	1	40	25630.00	
			2	39	23010.00	
		Lowest	1	41	12833.00	
			2	43	16000.00	
		Highest	1	44	30703.00	
		Lowest	1	45	29000.00	
	E	Highest	1	53	40500.00	
			2	55	37051.00	
			3	50	34560.00	
			4	46	32530.00	
			5	49	31500.00 ^e	
		Lowest	1	47	4304.00	
			2	52	19350.00	
			3	51	19800.00	
			4	48	19800.00	
			5	54	31500.00 ^f	

a. Only a partial list of cases with the value 30000.00 are shown in the table of upper extremes.

b. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

c. Only a partial list of cases with the value 29400.00 are shown in the table of upper extremes.

d. Only a partial list of cases with the value 29400.00 are shown in the table of lower extremes.

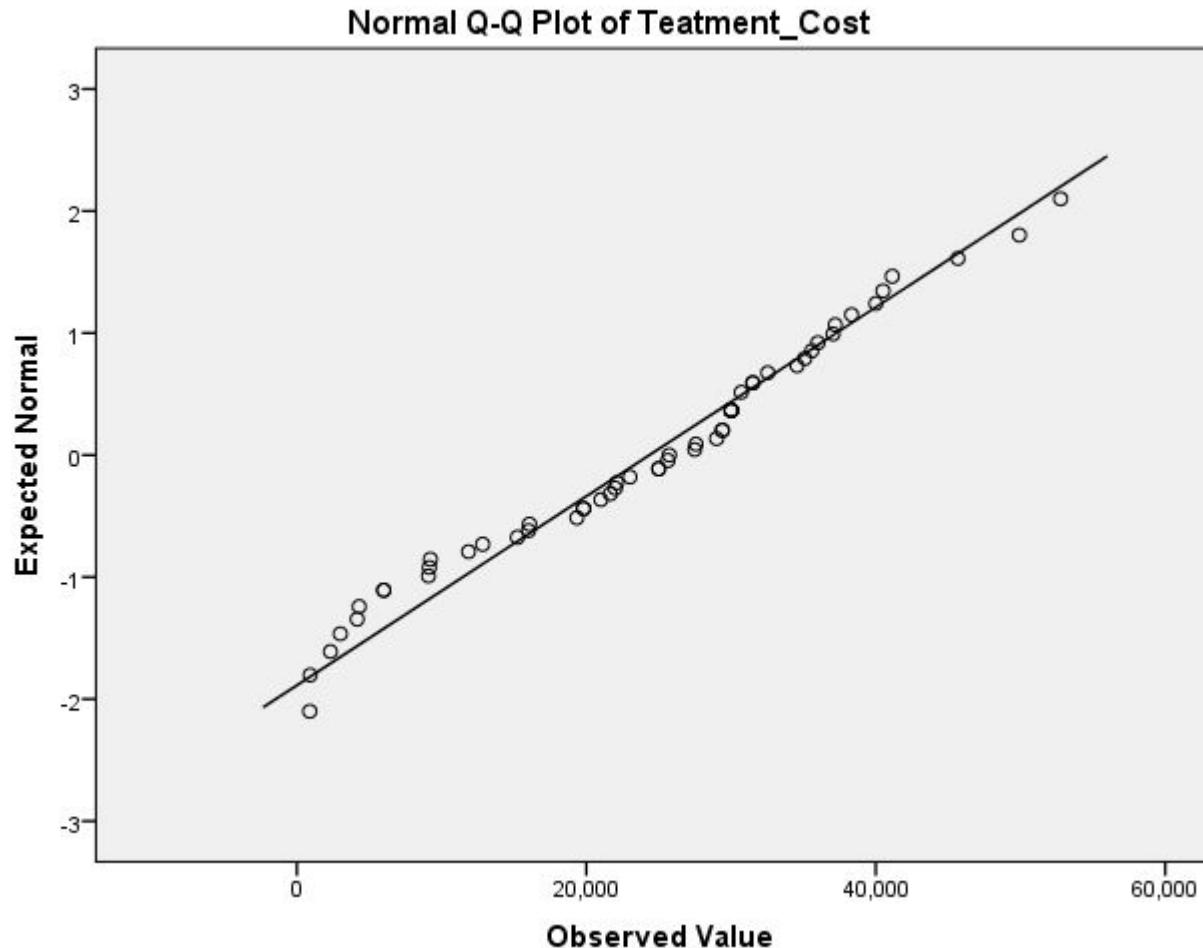
e. Only a partial list of cases with the value 31500.00 are shown in the table of upper extremes.

f. Only a partial list of cases with the value 31500.00 are shown in the table of lower extremes.

Descriptives					
Location			Statistic	Std. Error	
Treatment_Cost	A	Mean	23229.3000	3210.26228	
		95% Confidence Interval for Mean	16510.1438		
		Lower Bound			
		Upper Bound	29948.4562		
		5% Trimmed Mean	22829.3333		
		Median	23558.0000		
		Variance	206115678.747		
		Std. Deviation	14356.72939		
		Minimum	888.00		
		Maximum	52770.00		
		Range	51882.00		
		Interquartile Range	25895.00		
		Skewness	.168	.512	
		Kurtosis	-.681	.992	
Treatment_Cost	B	Mean	24709.2857	3705.71247	
		95% Confidence Interval for Mean	16703.5806		
		Lower Bound			
		Upper Bound	32714.9908		
		5% Trimmed Mean	24553.0952		
		Median	30000.0000		
		Variance	192252268.681		
		Std. Deviation	13865.50643		
		Minimum	2310.00		
		Maximum	49920.00		
		Range	47610.00		
		Interquartile Range	22260.00		
		Skewness	-.233	.597	
		Kurtosis	-.516	1.154	
Treatment_Cost	C	Mean	26347.7500	9304.78802	
		95% Confidence Interval for Mean	-3264.2382		
		Lower Bound			
		Upper Bound	55959.7382		
		5% Trimmed Mean	26686.8889		
		Median	29400.0000		
		Variance	346316320.250		
		Std. Deviation	18609.57604		
		Minimum	916.00		
		Maximum	45675.00		
		Range	44759.00		
		Interquartile Range	33569.25		
		Skewness	-.949	1.014	
		Kurtosis	2.009	2.619	

Descriptives					
Location			Statistic	Std. Error	
Treatment_Cost	D	Mean	18708.6000	2400.30435	
		95% Confidence Interval for Mean	12044.2867		
		Lower Bound			
		Upper Bound	25372.9133		
		5% Trimmed Mean	18650.5000		
		Median	16070.0000		
		Variance	28807304.800		
		Std. Deviation	5367.24369		
		Minimum	12833.00		
		Maximum	25630.00		
		Range	12797.00		
		Interquartile Range	9903.50		
		Skewness	.458	.913	
		Kurtosis	-2.078	2.000	
Treatment_Cost	E	Mean	29851.5000	851.50000	
		95% Confidence Interval for Mean	19032.1667		
		Lower Bound			
		Upper Bound	40670.8333		
		5% Trimmed Mean			
		Median	29851.5000		
		Variance	1450104.500		
		Std. Deviation	1204.20285		
		Minimum	29000.00		
		Maximum	30703.00		
		Range	1703.00		
		Interquartile Range			
		Skewness			
		Kurtosis			
Treatment_Cost	F	Mean	27089.5000	3478.08682	
		95% Confidence Interval for Mean	19221.5210		
		Lower Bound			
		Upper Bound	34957.4790		
		5% Trimmed Mean	27610.3333		
		Median	31500.0000		
		Variance	120970879.389		
		Std. Deviation	10998.67626		
		Minimum	4304.00		
		Maximum	40500.00		
		Range	36196.00		
		Interquartile Range	15495.25		
		Skewness	-.931	.687	
		Kurtosis	.519	1.334	

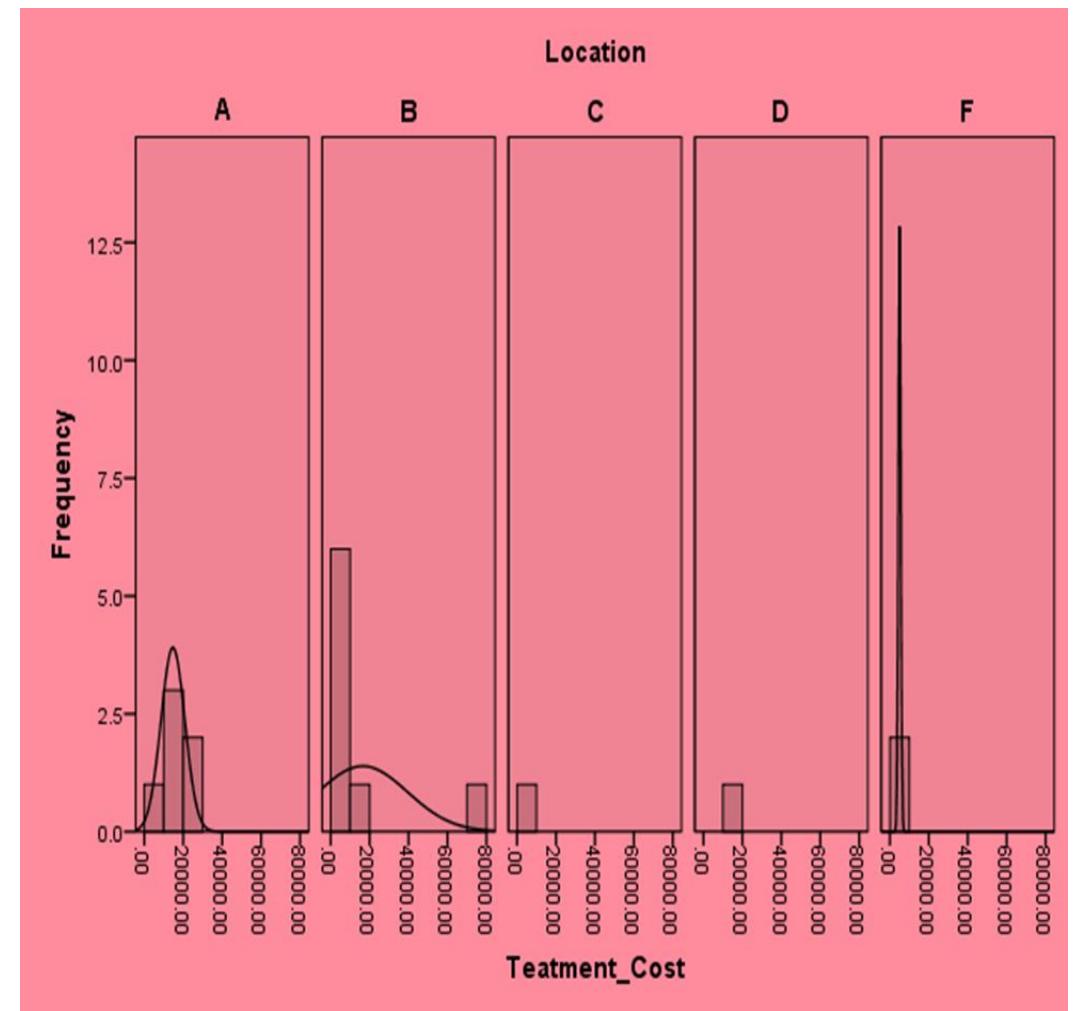
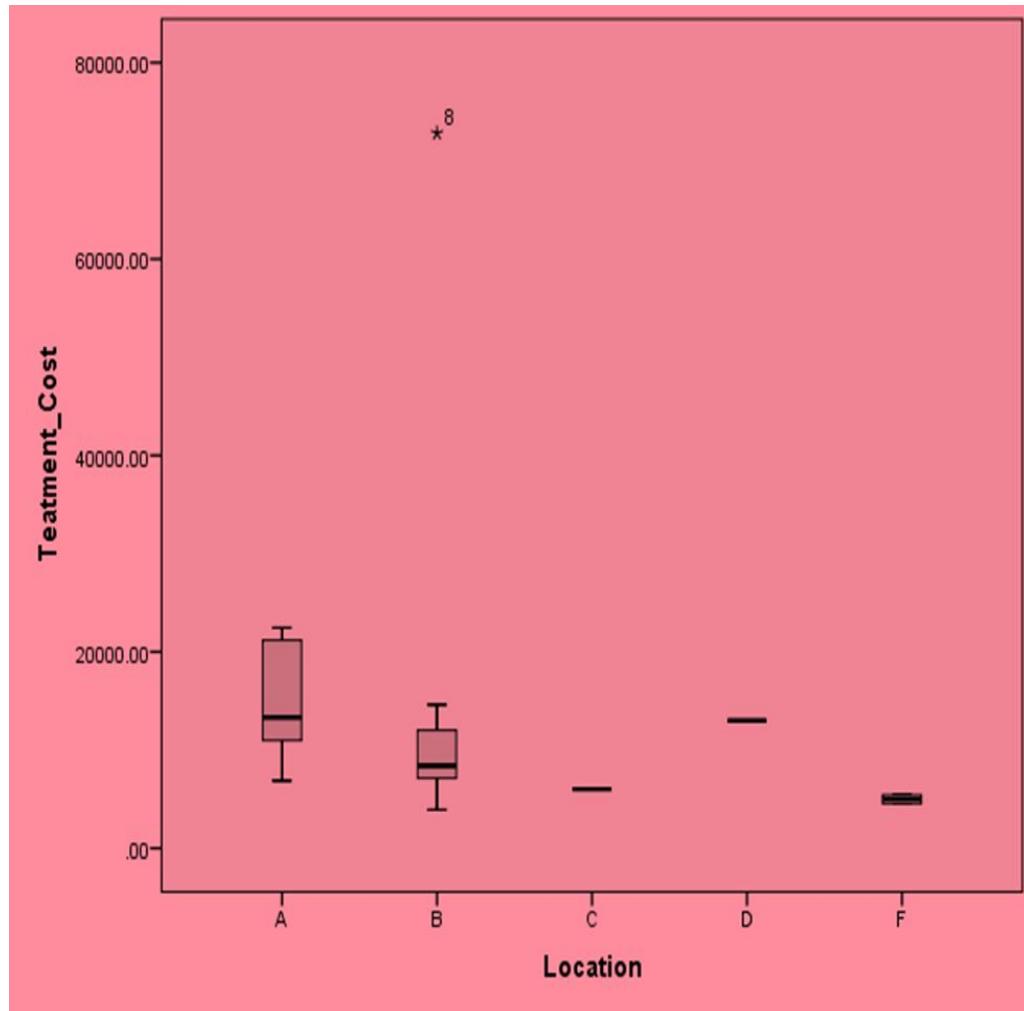
Q-Q plot for entire data



The data taken as the sample does not have any outliers, so outlier treatment is not done

GASTROENTERITIS

Before outlier treatment



Case Processing Summary							
Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	6	100.0%	0	0.0%	6	100.0%
	B	8	100.0%	0	0.0%	8	100.0%
	C	1	100.0%	0	0.0%	1	100.0%
	D	1	100.0%	0	0.0%	1	100.0%
	F	2	100.0%	0	0.0%	2	100.0%

Descriptives ^{a,b}			
	Location	Statistic	
Treatment_Cost	A	Mean	
		95% Confidence Interval	
		for Mean	
		Lower Bound	
		8257.7980	
		Upper Bound	
		21117.2020	
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
B		Interquartile Range	
		Skewness	
		Kurtosis	
		Mean	
		95% Confidence Interval	
		for Mean	
		Lower Bound	
		-2721.3113	
		Upper Bound	
		35670.5613	
		5% Trimmed Mean	
		Median	
		Variance	
F		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	
		Kurtosis	
		Mean	
		95% Confidence Interval	
		for Mean	
		Lower Bound	
		-566.4646	
		Upper Bound	
		10551.4646	

a. Treatment_Cost is constant when Location = C . It has been omitted.

b. Treatment_Cost is constant when Location = D . It has been omitted.

Tests of Normality^{c,d}

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Treatment_Cost	A	.199	6	.200*	.929	6	.569
	B	.407	8	.000	.537	8	.000
	F	.260	2	..			

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

a. Lilliefors Significance Correction

c. Treatment_Cost is constant when Location = C . It has been omitted.

d. Treatment_Cost is constant when Location = D . It has been omitted.

Percentiles^{a,b}

Location	Percentiles						
	5	10	25	50	75	90	95
Weighted Average (Definition 1)	Treatment_Cost A	6874.0000	6874.0000	9948.2500	13322.0000	21502.5000	..
	B	3922.0000	3922.0000	6971.7500	8399.5000	13314.7500	..
	F	4555.0000	4555.0000	4555.0000	4992.5000
Tukey's Hinges	Treatment_Cost A			10973.0000	13322.0000	21188.0000	
	B			7117.5000	8399.5000	12014.5000	
	F			4555.0000	4992.5000	5430.0000	

a. Treatment_Cost is constant when Location = C . It has been omitted.

b. Treatment_Cost is constant when Location = D . It has been omitted.

Extreme Values^{a,b,c}

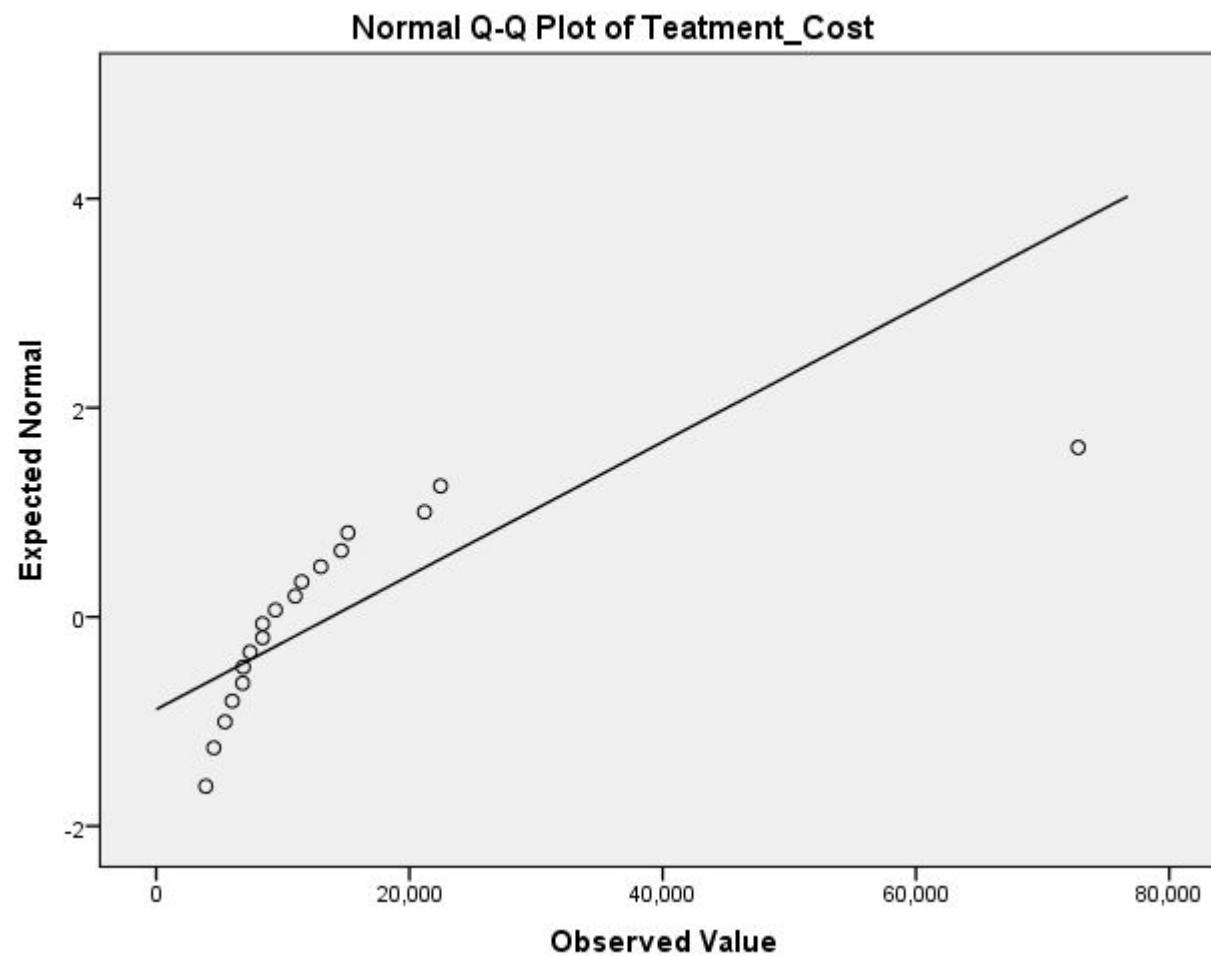
Location	Case Number	Value
Treatment_Cost	A	1
	Highest	6
	2	22446.00
	3	3
	4	21188.00
	Lowest	1
	2	2
	3	15147.00
	4	6874.00
B	Highest	1
	2	2
	3	10973.00
	4	5
	Lowest	1
	2	2
	3	11497.00
	4	8
	Lowest	1
F	Highest	1
	2	2
	3	12
	4	10
	Lowest	1
	2	11
	3	3922.00
	4	9
	Lowest	1
A	Highest	1
	2	9
	3	7
	4	14
	Lowest	1
	2	17
	3	5430.00
	4	18
	Lowest	1

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

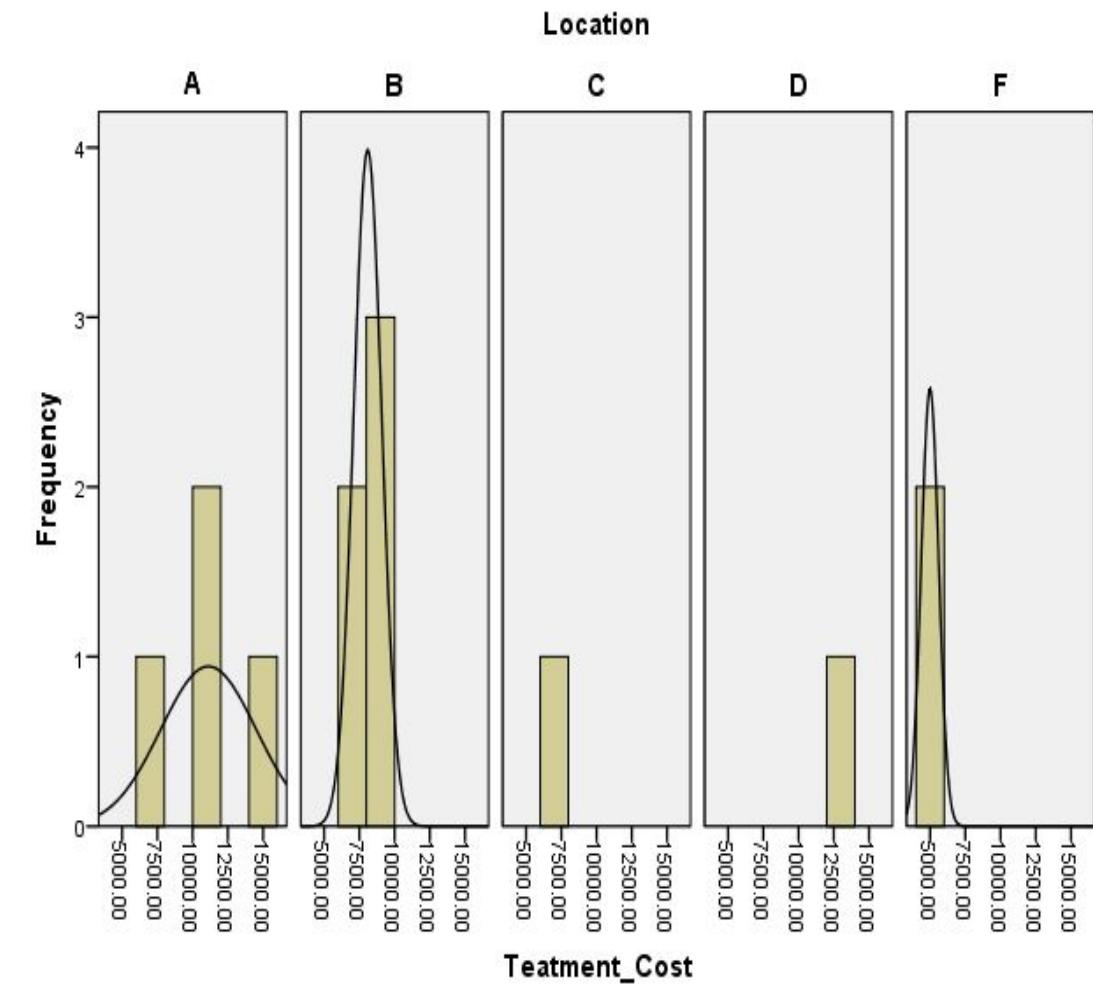
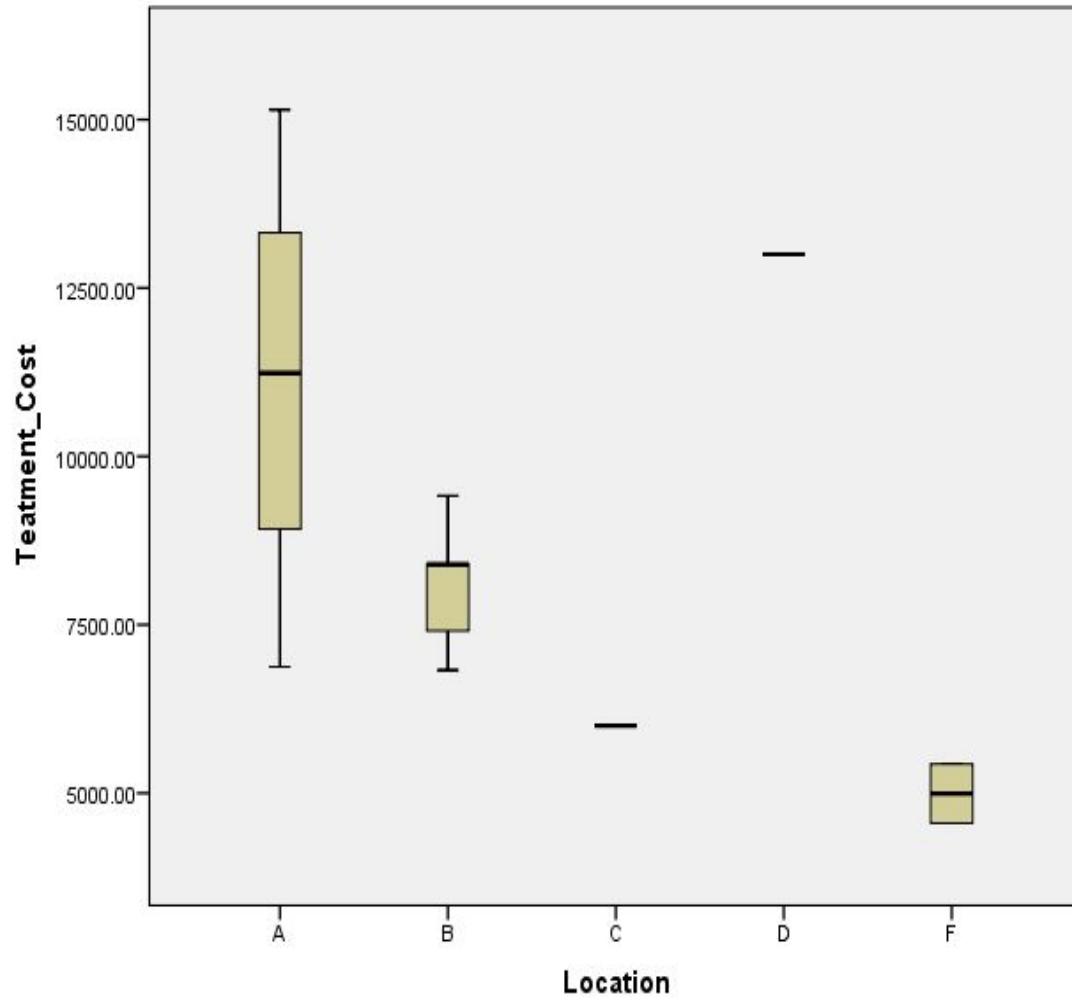
b. Treatment_Cost is constant when Location = C . It has been omitted.

c. Treatment_Cost is constant when Location = D . It has been omitted.

Q-Q plot for entire data



After outlier treatment



Tests of Normality^{c,d}

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Treatment_Cost	A	.232	4	.969	4	.832
	B	.221	5	.200*	5	.799
	F	.260	2	.	.	.

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

a. Lilliefors Significance Correction

c. Treatment_Cost is constant when Location = C . It has been omitted.

d. Treatment_Cost is constant when Location = D . It has been omitted.

Percentiles^{a,b}

Location	Percentiles						
	5	10	25	50	75	90	95
Weighted Average (Definition 1)	Treatment_Cost	A	6874.0000	6874.0000	7898.7500	11235.0000	14234.5000
		B	6826.0000	6826.0000	7117.5000	8397.0000	8908.0000
		F	4555.0000	4555.0000	4555.0000	4992.5000	.
Tukey's Hinges	Treatment_Cost	A	.	.	8923.5000	11235.0000	13322.0000
		B	.	.	7409.0000	8397.0000	8402.0000
		F	.	.	4555.0000	4992.5000	5430.0000

a. Treatment_Cost is constant when Location = C . It has been omitted.

b. Treatment_Cost is constant when Location = D . It has been omitted.

Extreme Values^{a,b,c}

Location	Case Number	Value
Treatment_Cost	Highest	1
		3
		2
		4
Treatment_Cost	Lowest	1
		2
		1
		10973.00
Treatment_Cost	Highest	1
		8
		2
		7
Treatment_Cost	Lowest	1
		6
		2
		5
Treatment_Cost	Highest	1
		12
Treatment_Cost	Lowest	1
		13

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

b. Treatment_Cost is constant when Location = C . It has been omitted.

c. Treatment_Cost is constant when Location = D . It has been omitted.

Descriptives^{a,b}

		Location	Statistic	Std. Error
Treatment_Cost	A	Mean	11122.7500	1693.34365
		95% Confidence Interval for Mean	Lower Bound Upper Bound	5733.7747 16511.7253
		5% Trimmed Mean	11135.2222	
		Median	11235.0000	
		Variance	11469650.92	
		Std. Deviation	3386.68731	
		Minimum	6874.00	
		Maximum	15147.00	
		Range	8273.00	
		Interquartile Range	6335.75	
		Skewness	-.197	1.014
		Kurtosis	1.403	2.619
		Mean	8089.6000	447.55029
Treatment_Cost	B	95% Confidence Interval for Mean	Lower Bound Upper Bound	6847.0012 9332.1988
		5% Trimmed Mean	8086.2222	
		Median	8397.0000	
		Variance	1001506.300	
		Std. Deviation	1000.75287	
		Minimum	6826.00	
		Maximum	9414.00	
		Range	2588.00	
		Interquartile Range	1790.50	
		Skewness	.021	.913
		Kurtosis	-.698	2.000
		Mean	4992.5000	437.50000
		95% Confidence Interval for Mean	Lower Bound Upper Bound	-566.4646 10551.4646
Treatment_Cost	F	5% Trimmed Mean	.	
		Median	4992.5000	
		Variance	382812.500	
		Std. Deviation	618.71843	
		Minimum	4555.00	
		Maximum	5430.00	
		Range	875.00	
		Interquartile Range	.	
		Skewness	.	.
		Kurtosis	.	.

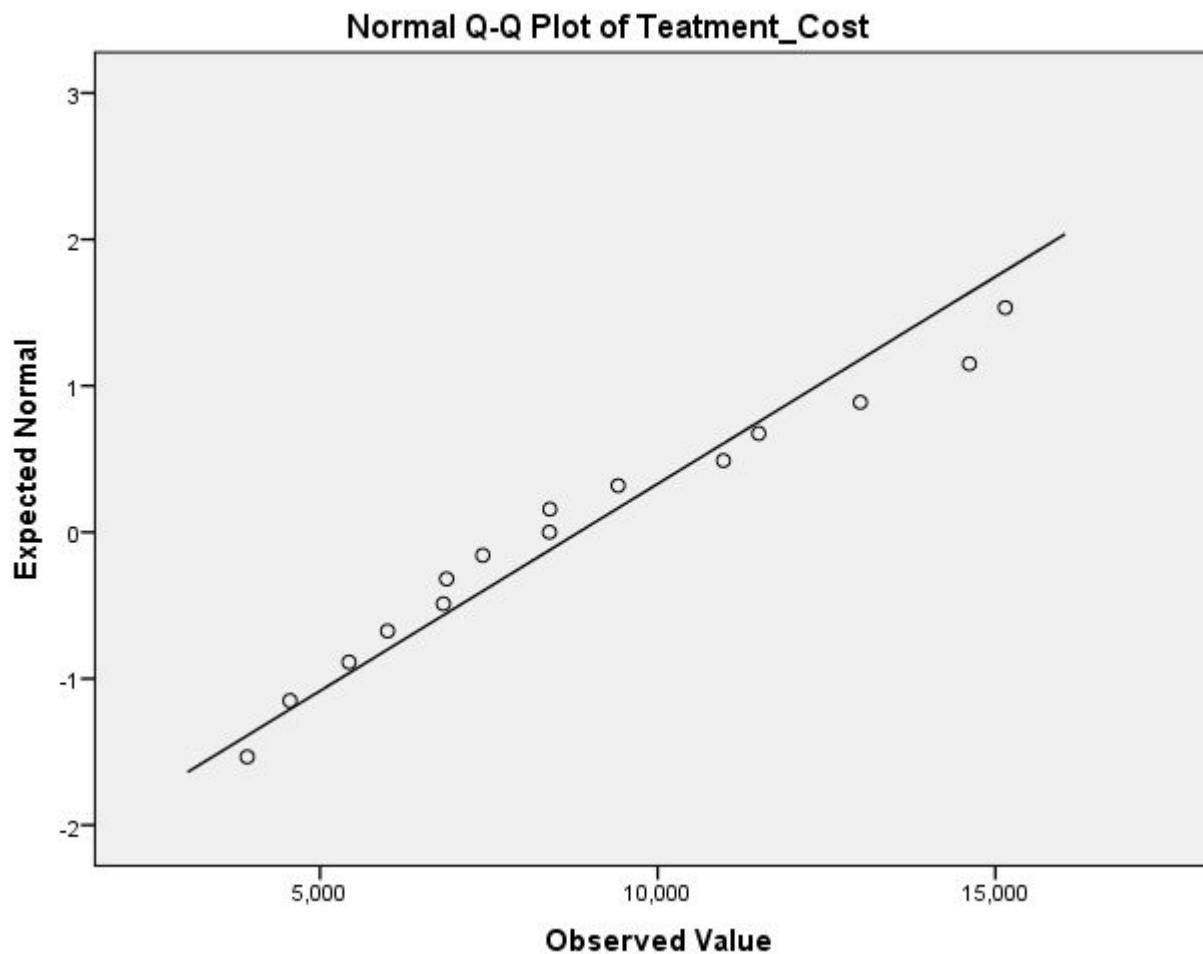
a. Treatment_Cost is constant when Location = C . It has been omitted.

b. Treatment_Cost is constant when Location = D . It has been omitted.

Case Processing Summary

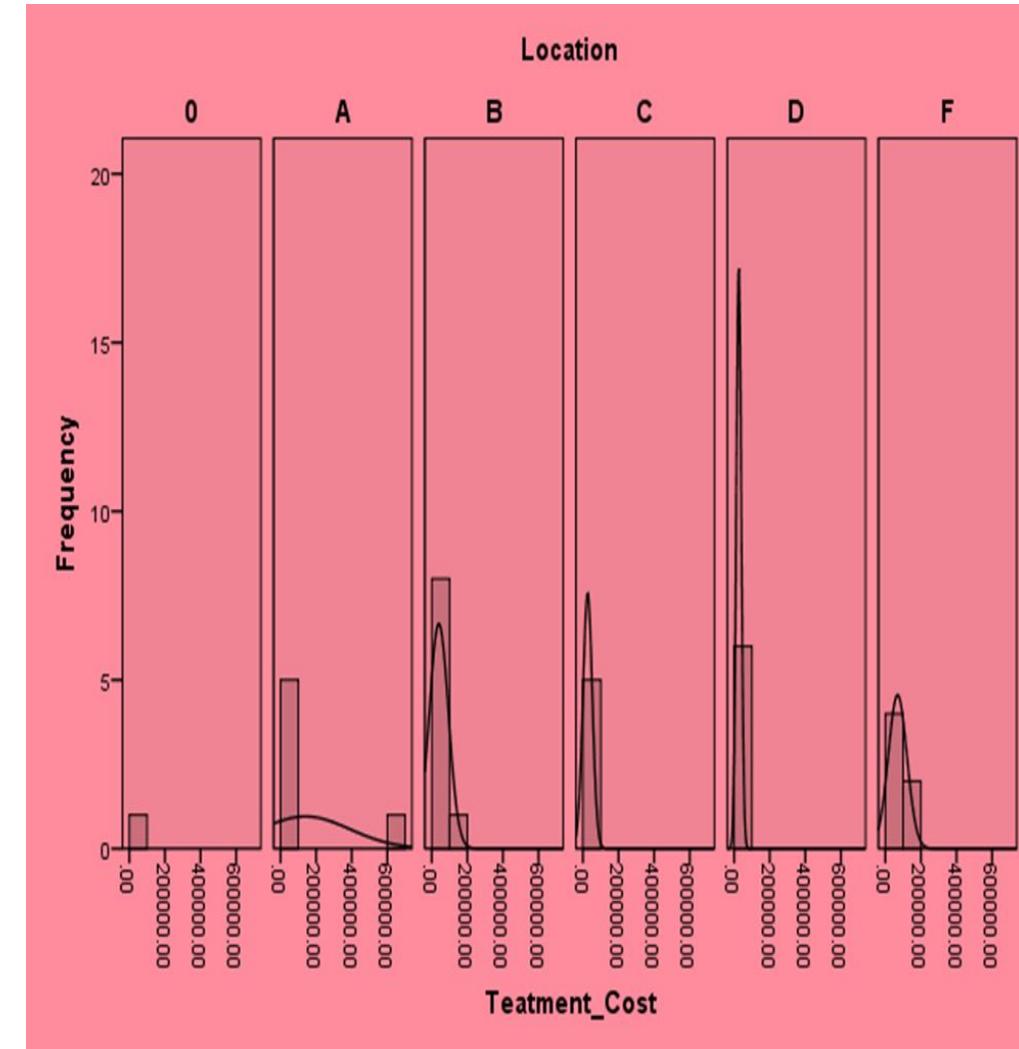
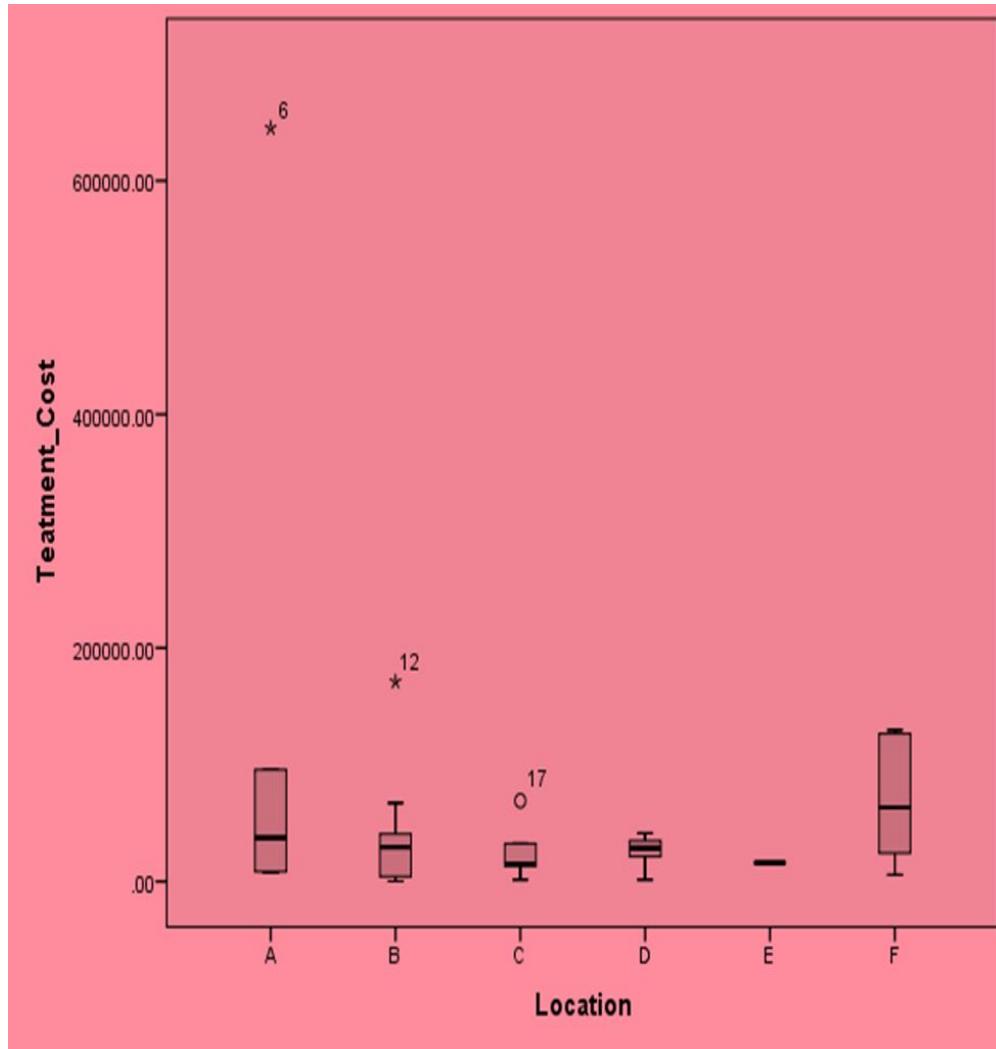
Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	4	100.0%	0	0.0%	4	100.0%
	B	5	100.0%	0	0.0%	5	100.0%
	C	1	100.0%	0	0.0%	1	100.0%
	D	1	100.0%	0	0.0%	1	100.0%
	F	2	100.0%	0	0.0%	2	100.0%

Q-Q plot for entire data



INJURIES AND FRACTURES

Before outlier treatment



Tests of Normality^c

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Treatment_Cost	A .401	6	.003	.614	6	.001
	B .272	9	.054	.740	9	.004
	C .262	5	.200*	.885	5	.331
	D .207	6	.200*	.923	6	.527
	F .198	6	.200*	.905	6	.406

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

a. Lilliefors Significance Correction

c. Treatment_Cost is constant when Location = E . It has been omitted.

Percentiles^a

	Location	Percentiles						
		5	10	25	50	75	90	95
Weighted Average (Definition 1)	Treatment_Cost A	7473.0000	7473.0000	8146.5000	37416.5000	233088.7500	.	.
	B	300.0000	300.0000	2896.0000	29315.0000	53996.0000	.	.
	C	1500.0000	1500.0000	7277.0000	15254.0000	50763.5000	.	.
	D	1500.0000	1500.0000	16388.2500	28525.0000	36622.7500	.	.
	F	5722.0000	5722.0000	19554.2500	63412.0000	127355.2500	.	.
Tukey's Hinges	Treatment_Cost A			8371.0000	37416.5000	95760.0000		
	B			4170.0000	29315.0000	40747.0000		
	C			13054.0000	15254.0000	32440.0000		
	D			21351.0000	28525.0000	35000.0000		
	F			24165.0000	63412.0000	126611.0000		

a. Treatment_Cost is constant when Location = E . It has been omitted.

Case Processing Summary							
Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	6	100.0%	0	0.0%	6	100.0%
	B	9	100.0%	0	0.0%	9	100.0%
	C	5	100.0%	0	0.0%	5	100.0%
	D	6	100.0%	0	0.0%	6	100.0%
	E	1	100.0%	0	0.0%	1	100.0%
	F	6	100.0%	0	0.0%	6	100.0%

Extreme Values ^{a,b}						
		Location		Case Number	Value	
Treatment_Cost	A	Highest	1	6	645075.00	
			2	1	95760.00	
			3	4	64256.00	
	B	Lowest	1	3	7473.00	
			2	5	8371.00	
			3	2	10577.00	
	C	Highest	1	12	171103.00	
			2	15	67245.00	
			3	7	40747.00	
			4	13	32473.00	
	D	Lowest	1	8	300.00	
			2	9	1622.00	
			3	14	4170.00	
			4	10	12269.00	
	E	Highest	1	17	69087.00	
			2	18	32440.00	
		Lowest	1	16	1500.00	
	F		2	19	13054.00	
		Highest	1	22	41491.00	
			2	26	35000.00	
	G		3	23	29587.00	
		Lowest	1	25	1500.00	
			2	24	21351.00	
	H		3	21	27463.00	
		Highest	1	33	129588.00	
			2	32	126611.00	
	I		3	28	82630.00	
		Lowest	1	29	5722.00	
			2	30	24165.00	
	J		3	31	44194.00	

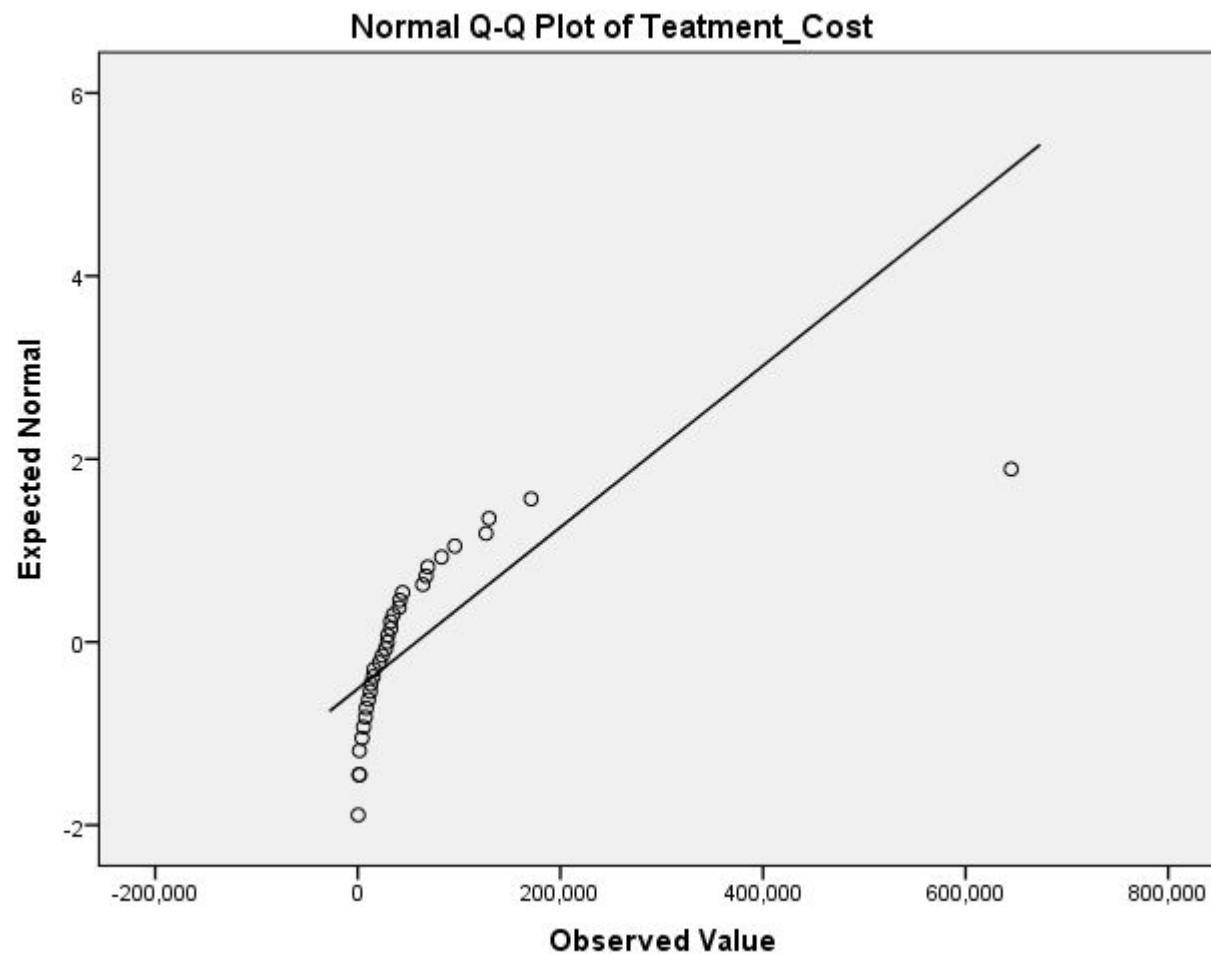
a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

b. Treatment_Cost is constant when Location = E . It has been omitted.

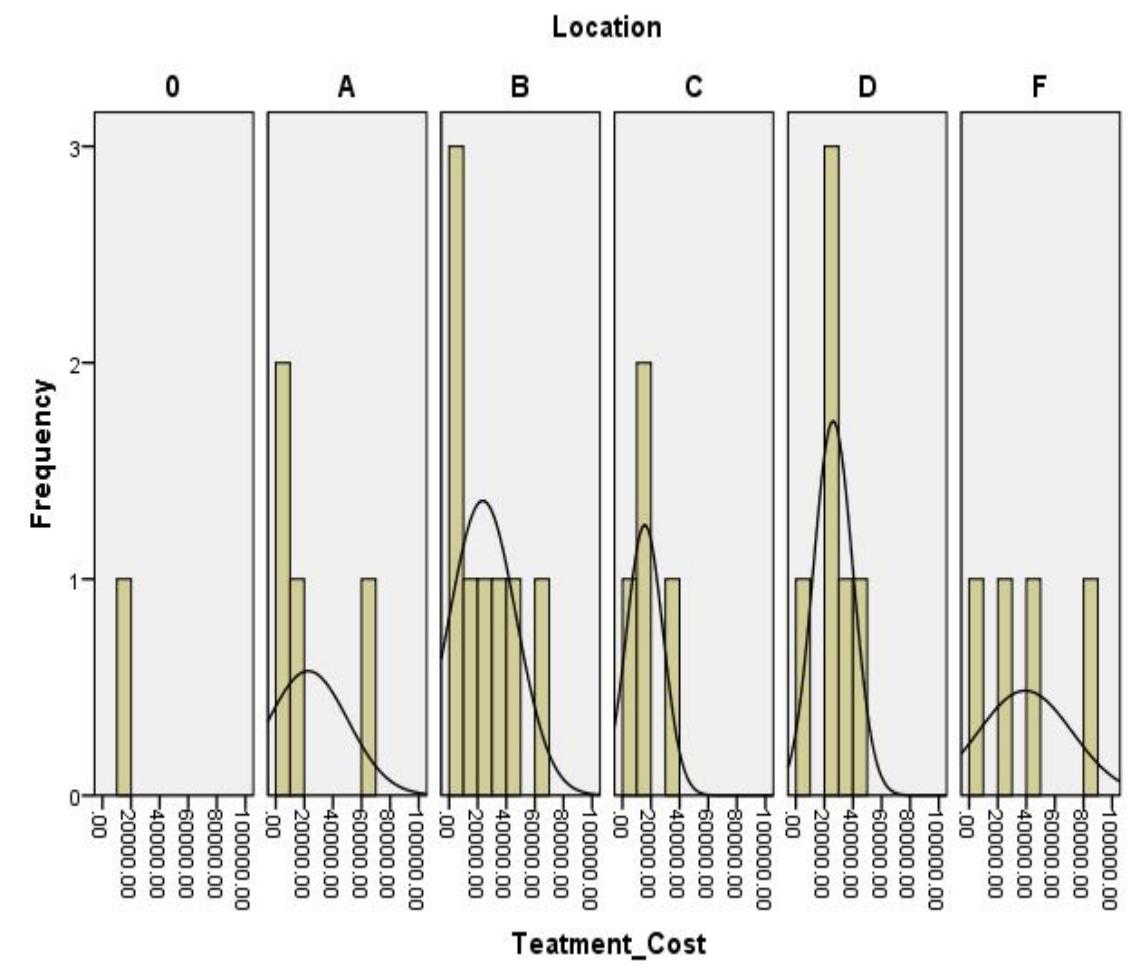
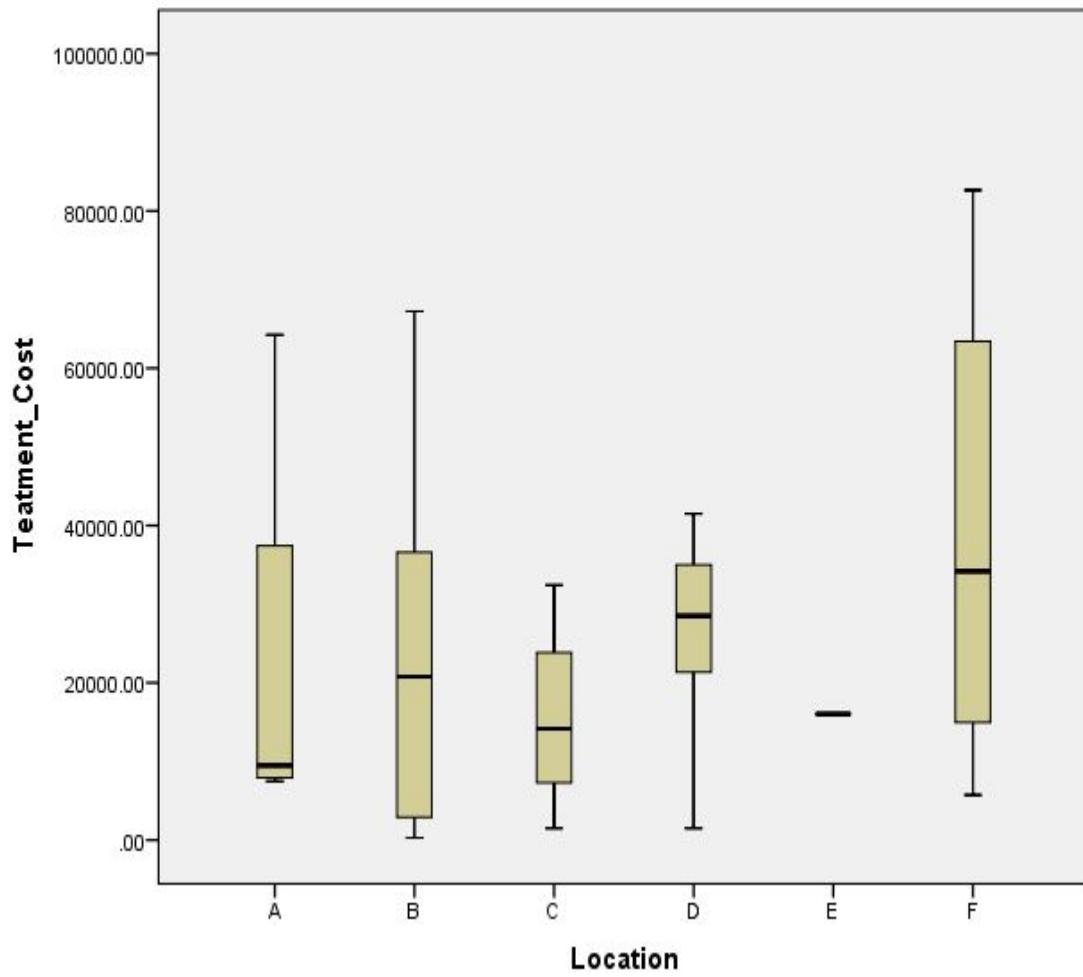
Descriptives ^a			
Location		Statistic	Std. Error
Treatment_Cost	A	Mean	138585.3333
		95% Confidence Interval for Mean	-124579.5609
		Lower Bound	
		Upper Bound	401750.2276
		5% Trimmed Mean	117731.0370
		Median	37416.5000
		Variance	62884598273.867
		Std. Deviation	250768.01685
		Minimum	7473.00
		Maximum	645075.00
		Range	637602.00
		Interquartile Range	224942.25
		Skewness	2.338
		Kurtosis	5.556
	B	Mean	39916.0000
		95% Confidence Interval for Mean	-1481.0422
		Lower Bound	
		Upper Bound	81313.0422
		5% Trimmed Mean	34828.7222
		Median	29315.0000
		Variance	2900420529.750
		Std. Deviation	53855.55245
		Minimum	300.00
		Maximum	171103.00
		Range	170803.00
		Interquartile Range	51100.00
		Skewness	2.152
		Kurtosis	5.095
	C	Mean	26267.0000
		95% Confidence Interval for Mean	-6472.2925
		Lower Bound	
		Upper Bound	59006.2925
		5% Trimmed Mean	25264.0556
		Median	15254.0000
		Variance	695233039.000
		Std. Deviation	26367.27212
		Minimum	1500.00
		Maximum	69087.00
		Range	67587.00
		Interquartile Range	43486.50
		Skewness	1.362
		Kurtosis	1.788
			2.000

Descriptives ^a			
Location		Statistic	Std. Error
Treatment_Cost	D	Mean	26065.3333
		95% Confidence Interval for Mean	11540.4798
		Lower Bound	
		Upper Bound	40590.1869
		5% Trimmed Mean	26573.0926
		Median	28525.0000
		Variance	191563121.867
		Std. Deviation	13840.63300
		Minimum	1500.00
		Maximum	41491.00
		Range	39991.00
		Interquartile Range	20234.50
		Skewness	-1.188
		Kurtosis	.845
	F	Mean	68818.3333
		95% Confidence Interval for Mean	13675.2444
		Lower Bound	
		Upper Bound	123961.4223
		5% Trimmed Mean	68947.5926
		Median	63412.0000
		Variance	2761026418.667
		Std. Deviation	52545.47001
		Minimum	5722.00
		Maximum	129588.00
		Range	123866.00
		Interquartile Range	107801.00
		Skewness	.134
		Kurtosis	.845
			-2.116
			1.741

Q-Q plot for entire data



After outlier treatment



Case Processing Summary

Location	Cases						
	Valid		Missing		Total		
	N	Percent	N	Percent	N	Percent	
Treatment_Cost	A	4	100.0%	0	0.0%	4	100.0%
	B	8	100.0%	0	0.0%	8	100.0%
	C	4	100.0%	0	0.0%	4	100.0%
	D	6	100.0%	0	0.0%	6	100.0%
	E	1	100.0%	0	0.0%	1	100.0%
	F	4	100.0%	0	0.0%	4	100.0%

Percentiles^a

Location	Percentiles							
	5	10	25	50	75	90	95	
Weighted Average (Definition 1)	Treatment_Cost	A	7473.0000	7473.0000	7697.5000	9474.0000	50836.2500	.
		B	300.0000	300.0000	2259.0000	20792.0000	38678.5000	.
		C	1500.0000	1500.0000	4388.5000	14154.0000	28143.5000	.
		D	1500.0000	1500.0000	16388.2500	28525.0000	36622.7500	.
		F	5722.0000	5722.0000	10332.7500	34179.5000	73021.0000	.
Tukey's Hinges	Treatment_Cost	A			7922.0000	9474.0000	37416.5000	
		B			2896.0000	20792.0000	36610.0000	
		C			7277.0000	14154.0000	23847.0000	
		D			21351.0000	28525.0000	35000.0000	
		F			14943.5000	34179.5000	63412.0000	

a. Treatment_Cost is constant when Location = E . It has been omitted.

Extreme Values^{a,b}

Location	Case Number	Value
Treatment_Cost	A	3 64256.00
	1	1 10577.00
	Lowest	2 7473.00
	2	4 8371.00
	B	12 67245.00
	2	5 40747.00
	3	10 32473.00
	4	9 29315.00
Treatment_Cost	Lowest	1 300.00
	2	7 1622.00
	3	11 4170.00
	4	8 12269.00
	C	14 32440.00
	2	16 15254.00
	Lowest	1 1500.00
	2	15 13054.00
Treatment_Cost	D	18 41491.00
	2	22 35000.00
	3	19 29587.00
	Lowest	1 1500.00
	2	20 21351.00
	3	17 27463.00
	F	24 82630.00
	2	27 44194.00
Treatment_Cost	Lowest	1 5722.00
	2	26 24165.00

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

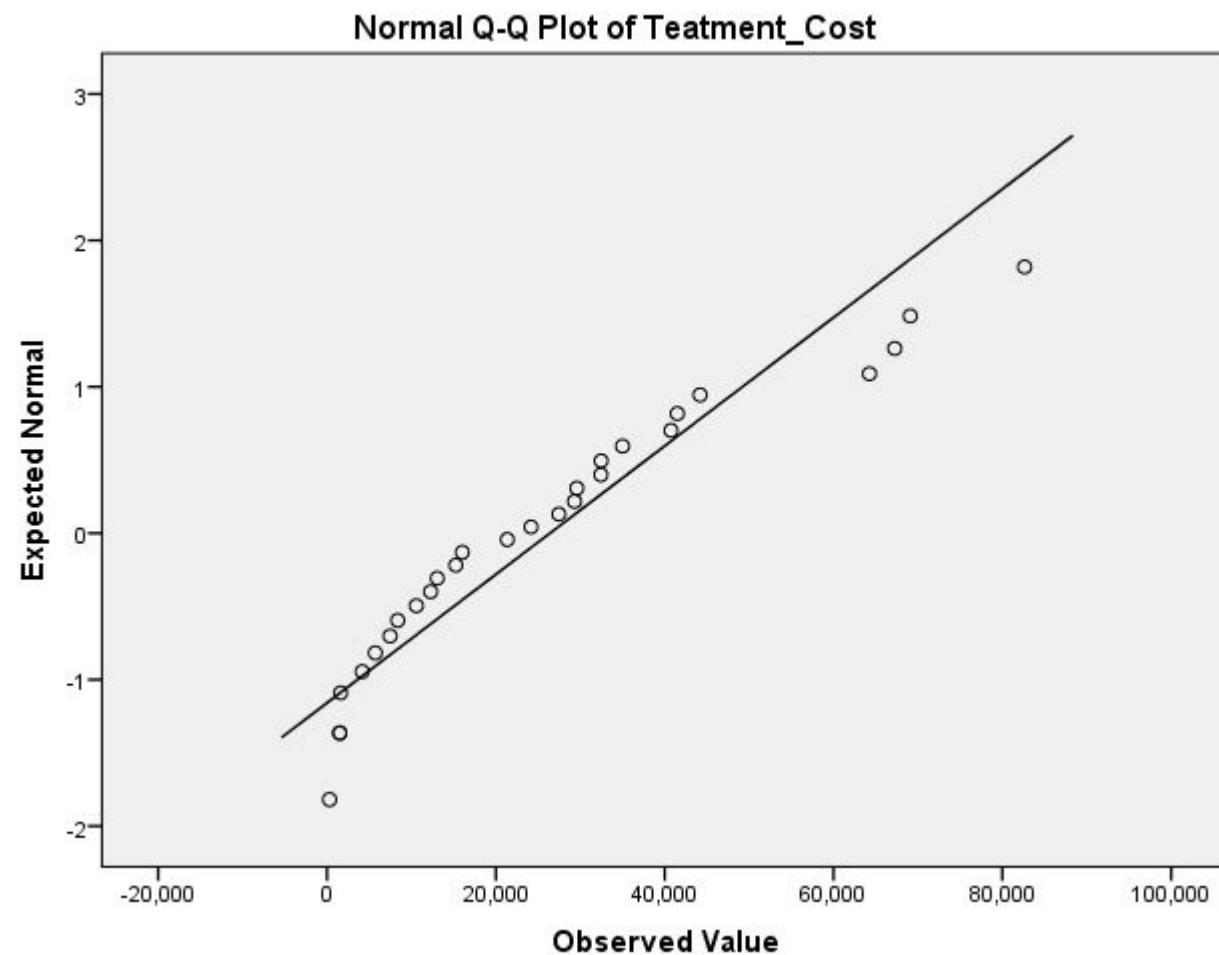
b. Treatment_Cost is constant when Location = E . It has been omitted.

Descriptives^a

	Location		Statistic	Std. Error
Treatment_Cost	A	Mean	22669.2500	13877.57860
		95% Confidence Interval for Mean	Lower Bound Upper Bound	-21495.3987 66833.8987
		5% Trimmed Mean	21203.1111	
		Median	9474.0000	
		Variance	770348750.9	
		Std. Deviation	27755.15719	
		Minimum	7473.00	
		Maximum	64256.00	
		Range	56783.00	
		Interquartile Range	43138.75	
		Skewness	1.987	1.014
		Kurtosis	3.955	2.619
		Mean	23517.6250	8283.03090
Treatment_Cost	B	95% Confidence Interval for Mean	Lower Bound Upper Bound	3931.3693 43103.8807
		5% Trimmed Mean	22378.1944	
		Median	20792.0000	
		Variance	548868806.8	
		Std. Deviation	23427.94927	
		Minimum	300.00	
		Maximum	67245.00	
		Range	66945.00	
		Interquartile Range	36419.50	
		Skewness	.859	.752
		Kurtosis	.140	1.481
		Mean	15562.0000	6383.51820
Treatment_Cost	C	95% Confidence Interval for Mean	Lower Bound Upper Bound	-4753.2039 35877.2039
		5% Trimmed Mean	15405.5556	
		Median	14154.0000	
		Variance	162997218.7	
		Std. Deviation	12767.03641	
		Minimum	1500.00	
		Maximum	32440.00	
		Range	30940.00	
		Interquartile Range	23755.00	
		Skewness	.644	1.014
		Kurtosis	1.592	2.619
		Mean	26065.3333	5650.41476
Treatment_Cost	D	95% Confidence Interval for Mean	Lower Bound Upper Bound	11540.4798 40590.1869
		5% Trimmed Mean	26573.0926	
		Median	28525.0000	
		Variance	191563121.9	
		Std. Deviation	13840.63300	
		Minimum	1500.00	
		Maximum	41491.00	
		Range	39991.00	
		Interquartile Range	20234.50	
		Skewness	-1.188	.845
		Kurtosis	1.911	1.741
		Mean	39177.7500	16477.08172
Treatment_Cost	F	95% Confidence Interval for Mean	Lower Bound Upper Bound	-13259.6778 91615.1778
		5% Trimmed Mean	38622.3889	
		Median	34179.5000	
		Variance	1085976888	
		Std. Deviation	32954.16344	
		Minimum	5722.00	
		Maximum	82630.00	
		Range	76908.00	
		Interquartile Range	62688.25	
		Skewness	.770	1.014
		Kurtosis	.262	2.619

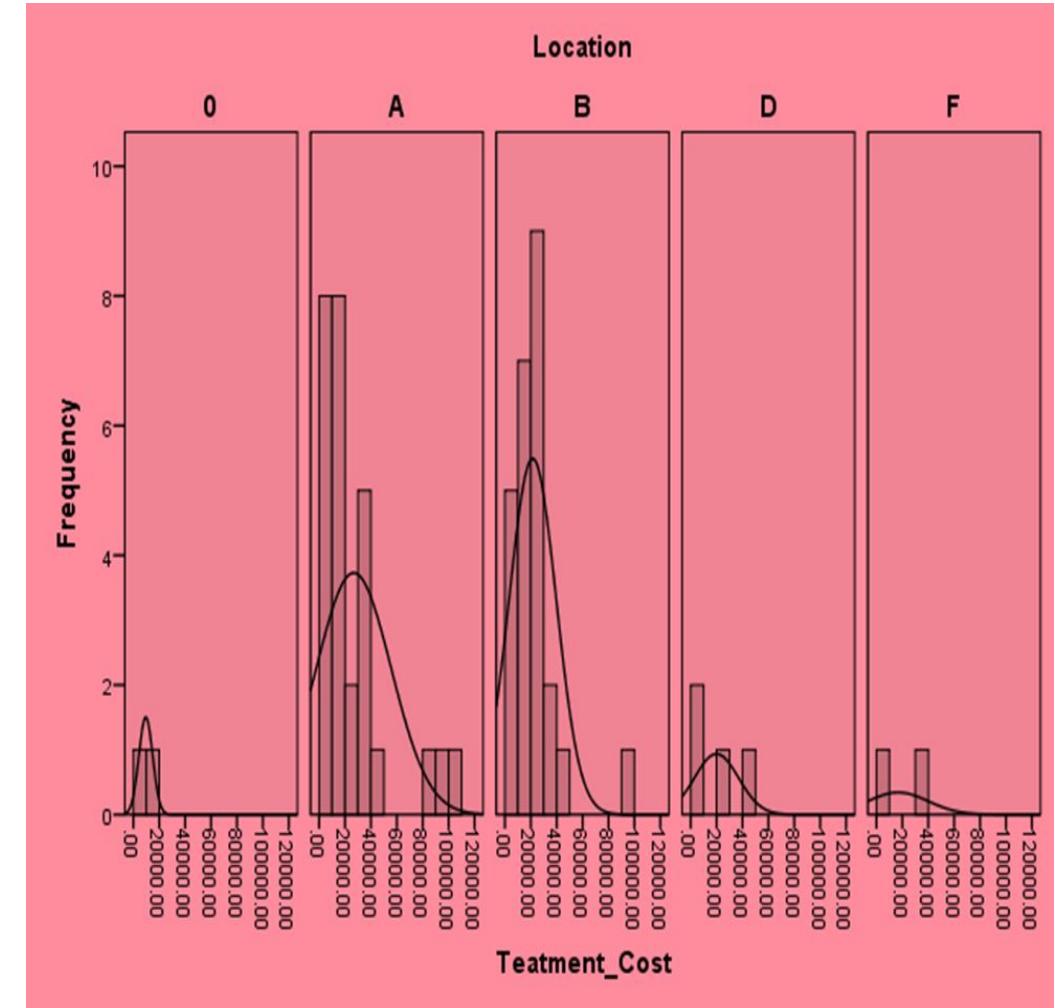
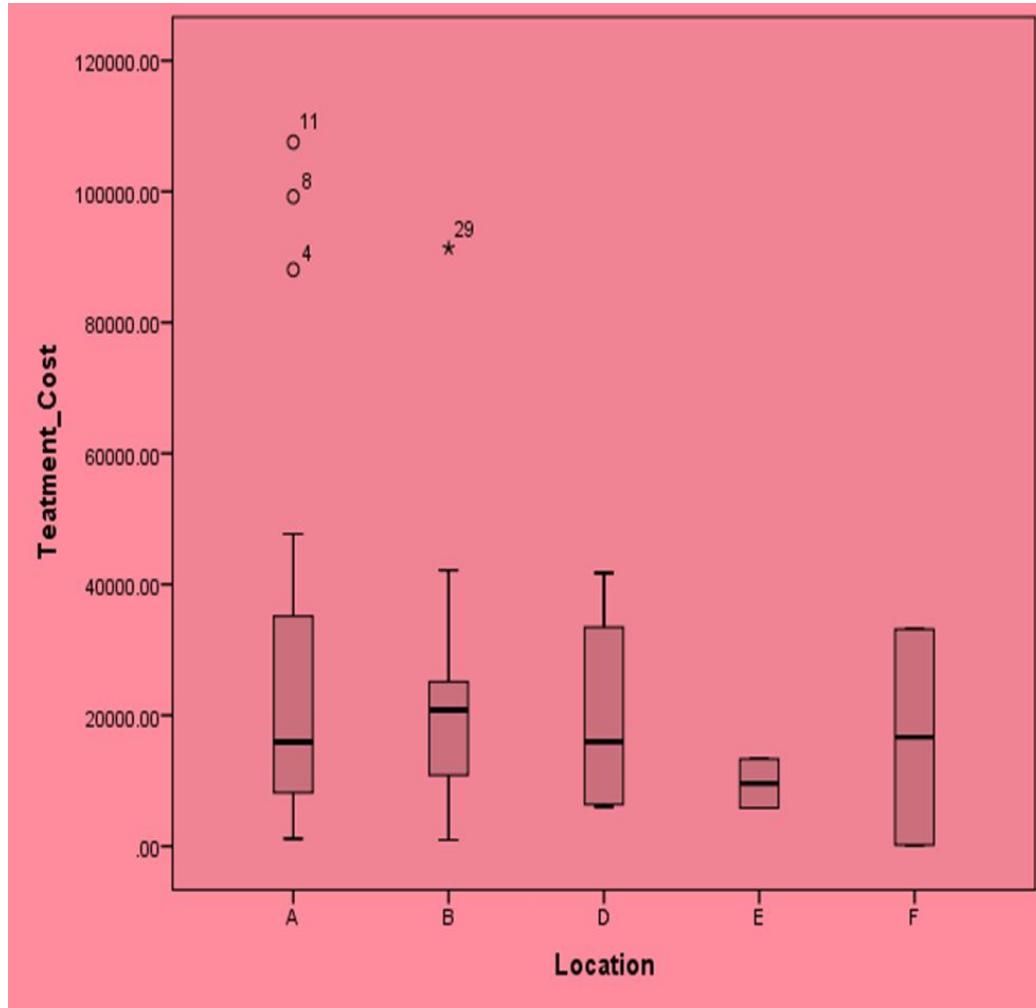
a. Treatment_Cost is constant when Location = E . It has been omitted.

Q-Q plot for entire data



MALARIA/DENGUE

Before outlier treatment



Tests of Normality

Location	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Treatment_Cost	A	.205	27	.005	.760	27	.000
	B	.191	25	.019	.771	25	.000
	D	.280	4	.	.876	4	.323
	E	.260	2	.			
	F	.260	2	.			

a. Lilliefors Significance Correction

Percentiles

	Location	Percentiles							
		5	10	25	50	75	90	95	
Weighted Average (Definition 1)	Treatment_Cost	A	1184.0000	1691.2000	6993.0000	15917.0000	36034.0000	90301.8000	104219.2000
		B	1242.5000	4170.8000	10786.5000	20805.0000	26479.5000	40636.4000	76608.3000
		D	6016.0000	6016.0000	6200.5000	15966.0000	37602.5000	.	.
		E	5839.0000	5839.0000	5839.0000	9589.5000	.	.	.
		F	180.0000	180.0000	180.0000	16653.0000	.	.	.
Tukey's Hinges	Treatment_Cost	A			8179.0000	15917.0000	35114.0000		
		B			10840.0000	20805.0000	25138.0000		
		D			6385.0000	15966.0000	33461.0000		
		E			5839.0000	9589.5000	13340.0000		
		F			180.0000	16653.0000	33126.0000		

Case Processing Summary						
Treatment_Cost	Location	Cases				
		Valid		Missing		Total
		N	Percent	N	Percent	N
A	27	100.0%		0	0.0%	27
B	25	100.0%		0	0.0%	25
D	4	100.0%		0	0.0%	4
E	2	100.0%		0	0.0%	2
F	2	100.0%		0	0.0%	2

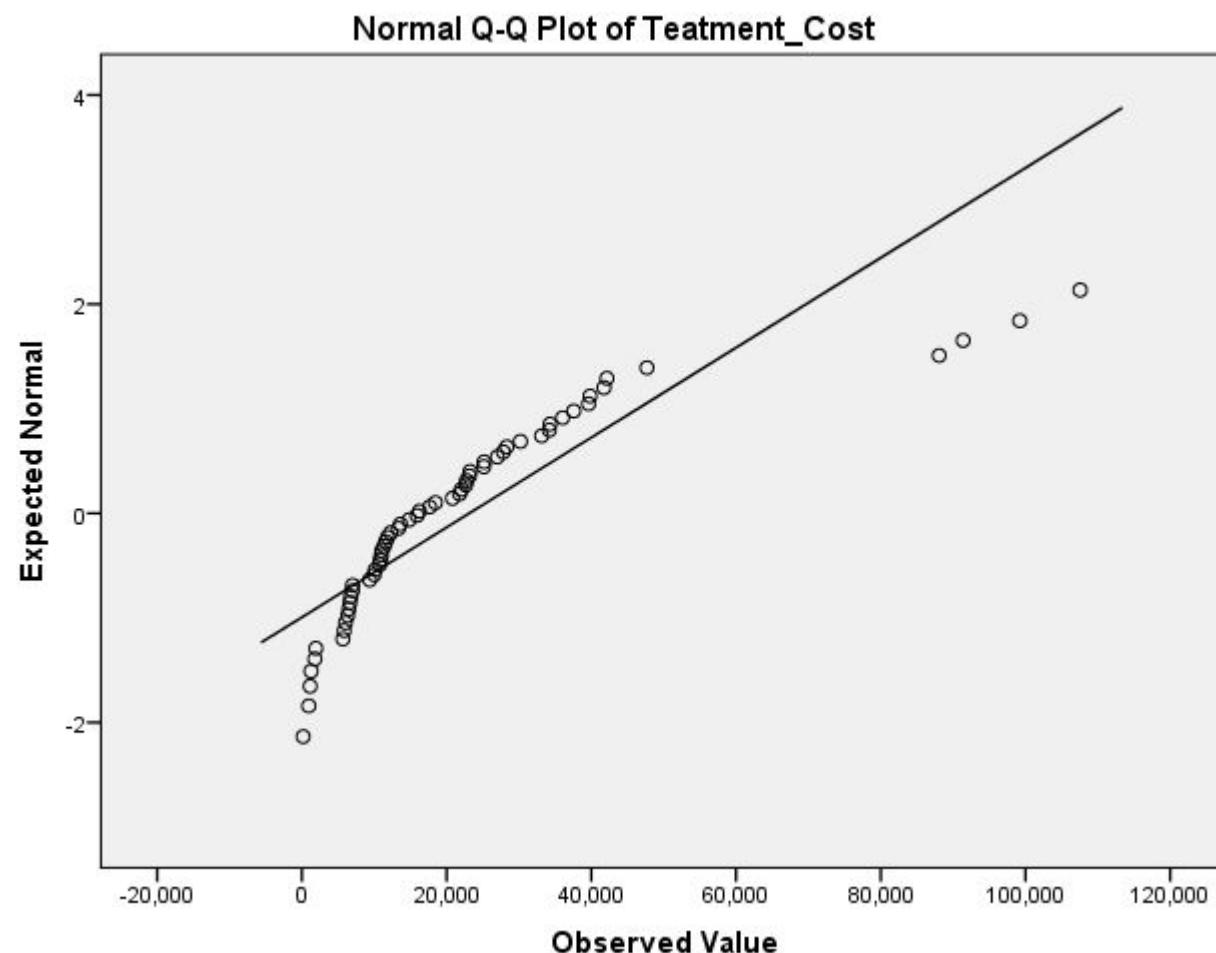
Extreme Values ^a						
		Location		Case Number	Value	
Treatment_Cost	A	Highest	1	11	107554.00	
			2	8	99217.00	
			3	4	88073.00	
			4	1	47682.00	
			5	18	39832.00	
	B	Lowest	1	21	1136.00	
			2	22	1256.00	
			3	15	1800.00	
			4	5	6327.00	
			5	10	6490.00	
	D	Highest	1	29	91374.00	
			2	28	42155.00	
			3	45	39624.00	
			4	30	34289.00	
			5	52	28325.00	
		Lowest	1	36	950.00	
			2	43	1925.00	
			3	40	5668.00	
			4	35	6629.00	
			5	41	9998.00	
	E	Highest	1	53	41744.00	
			2	56	25178.00	
	F	Lowest	1	55	6016.00	
			2	54	6754.00	
	E	Highest	1	58	13340.00	
		Lowest	1	57	5839.00	
	F	Highest	1	59	33126.00	
		Lowest	1	60	180.00	

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

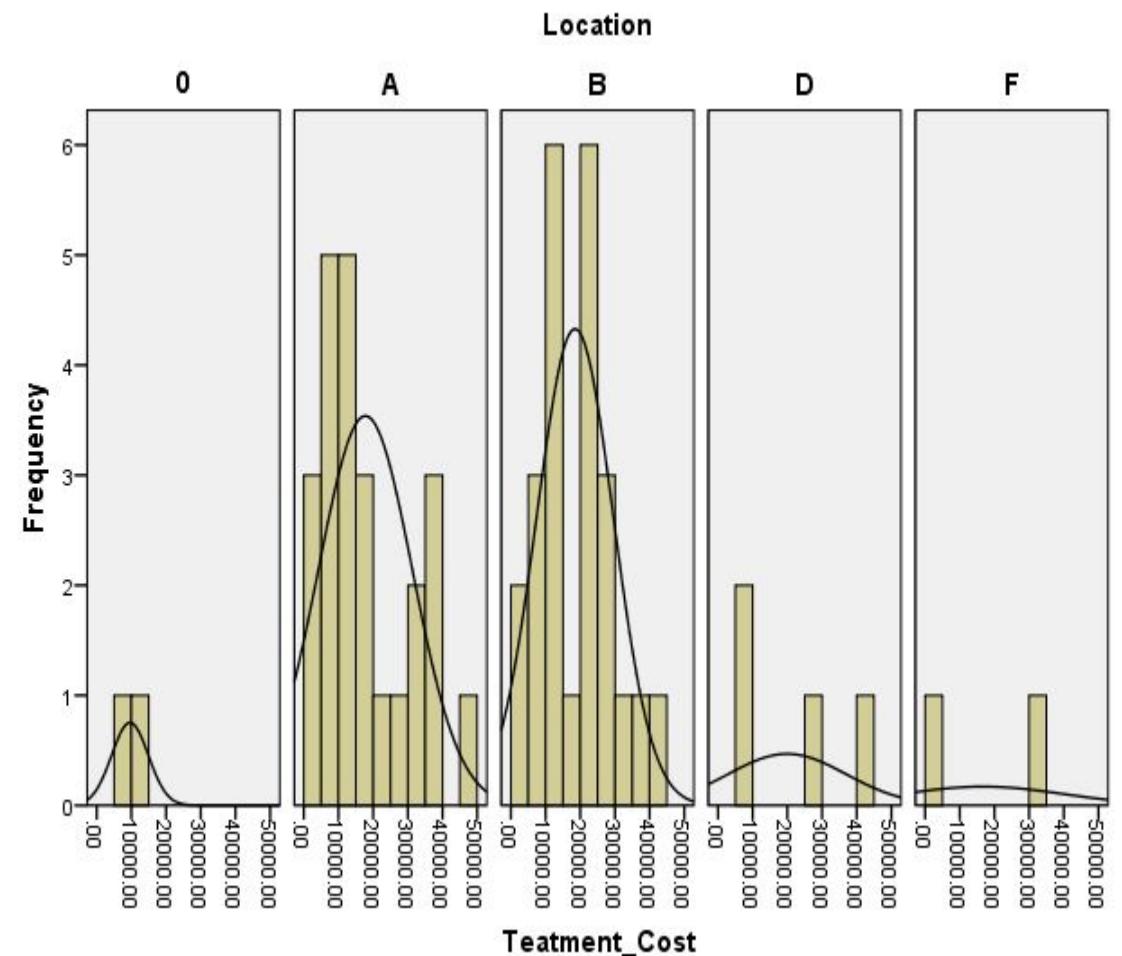
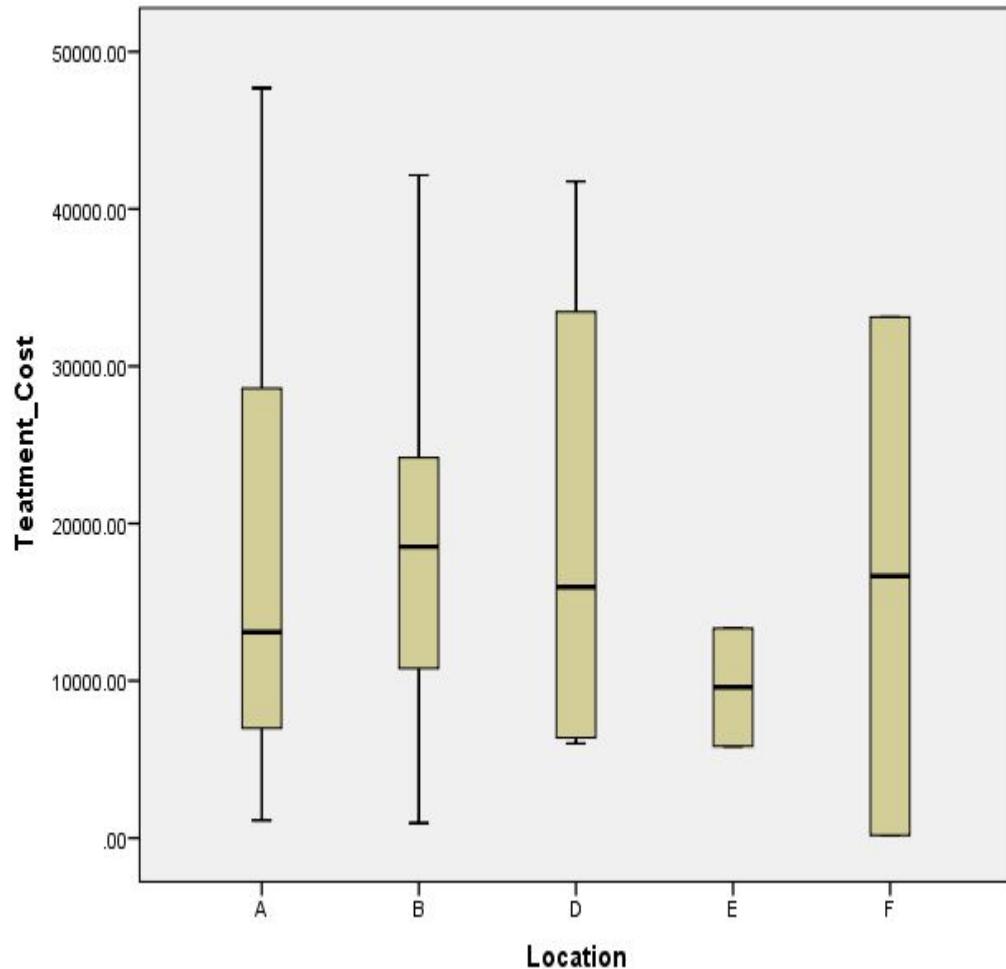
Descriptives			
Location		Statistic	Std. Error
Treatment_A Cost	Mean	26692.1111	5559.50147
	95% Confidence Interval for Mean	15264.3922	
	Lower Bound		
	Upper Bound	38119.8301	
	5% Trimmed Mean	23737.9198	
	Median	15917.0000	
	Variance	834517529.487	
	Std. Deviation	28888.01706	
	Minimum	1136.00	
	Maximum	107554.00	
	Range	106418.00	
	Interquartile Range	29041.00	
	Skewness	1.809	.448
	Kurtosis	2.682	.872
Treatment_B Cost	Mean	21391.6000	3631.87623
	95% Confidence Interval for Mean	13895.7759	
	Lower Bound		
	Upper Bound	28887.4241	
	5% Trimmed Mean	19175.3778	
	Median	20805.0000	
	Variance	329763123.917	
	Std. Deviation	18159.38115	
	Minimum	950.00	
	Maximum	91374.00	
	Range	90424.00	
	Interquartile Range	15693.00	
	Skewness	2.500	.464
	Kurtosis	8.798	.902

Descriptives			
Location		Statistic	Std. Error
Treatment_C Cost	Mean	19923.0000	8517.62034
	95% Confidence Interval for Mean	-7183.8694	
	Lower Bound		
	Upper Bound	47029.8694	
	5% Trimmed Mean	19483.3333	
	Median	15966.0000	
	Variance	280199425.333	
	Std. Deviation	17035.24069	
	Minimum	6016.00	
	Maximum	41744.00	
	Range	35728.00	
	Interquartile Range	31402.00	
	Skewness	.750	1.014
	Kurtosis	-1.825	2.619
Treatment_E Cost	Mean	9589.5000	3750.50000
	95% Confidence Interval for Mean	-38065.1209	
	Lower Bound		
	Upper Bound	57244.1209	
	5% Trimmed Mean		
	Median	9589.5000	
	Variance	28132500.500	
	Std. Deviation	5304.00797	
	Minimum	5839.00	
	Maximum	13340.00	
	Range	7501.00	
	Interquartile Range		
	Skewness		
	Kurtosis		
Treatment_F Cost	Mean	16653.0000	16473.00000
	95% Confidence Interval for Mean	-192656.3106	
	Lower Bound		
	Upper Bound	225962.3106	
	5% Trimmed Mean		
	Median	16653.0000	
	Variance	542719458.000	
	Std. Deviation	23296.34001	
	Minimum	180.00	
	Maximum	33126.00	
	Range	32946.00	
	Interquartile Range		
	Skewness		
	Kurtosis		

Q-Q plot for entire data



After outlier treatment



Case Processing Summary

Location		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Treatment_Cost	A	24	100.0%	0	0.0%	24	100.0%
	B	24	100.0%	0	0.0%	24	100.0%
	D	4	100.0%	0	0.0%	4	100.0%
	E	2	100.0%	0	0.0%	2	100.0%
	F	2	100.0%	0	0.0%	2	100.0%

Percentiles

Location		Percentiles						
		5	10	25	50	75	90	95
Weighted Average (Definition 1)	Treatment_Cost A	1166.0000	1528.0000	6987.0000	13091.0000	29402.0000	38700.5000	45719.5000
	B	1193.7500	3796.5000	10759.7500	18522.0000	24663.0000	36956.5000	41522.2500
	D	6016.0000	6016.0000	6200.5000	15966.0000	37602.5000	.	.
	E	5839.0000	5839.0000	5839.0000	9589.5000	.	.	.
	F	180.0000	180.0000	180.0000	16653.0000	.	.	.
Tukey's Hinges	Treatment_Cost A			6989.0000	13091.0000	28599.0000		
	B			10786.5000	18522.0000	24188.0000		
	D			6385.0000	15966.0000	33461.0000		
	E			5839.0000	9589.5000	13340.0000		
	F			180.0000	16653.0000	33126.0000		

Extreme Values^a

Location	Case Number	Value
Treatment_Cost A	Highest 1	1 47682.00
	2	15 39832.00
	3	23 37569.00
	4	22 36034.00
	5	5 34194.00
	Lowest 1	18 1136.00
	2	19 1256.00
	3	12 1800.00
	4	4 6327.00
	5	8 6490.00
Treatment_Cost B	Highest 1	25 42155.00
	2	41 39624.00
	3	26 34289.00
	4	48 28325.00
	5	35 27821.00
	Lowest 1	32 950.00
	2	39 1925.00
	3	36 5668.00
	4	31 6629.00
	5	37 9998.00
Treatment_Cost D	Highest 1	49 41744.00
	2	52 25178.00
	Lowest 1	51 6016.00
	2	50 6754.00
	Highest 1	54 13340.00
	Lowest 1	53 5839.00
	Highest 1	55 33126.00
	Lowest 1	56 180.00

a. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

Descriptives			
Location		Statistic	Std. Error
Treatment_Cost	A	Mean	17743.4583
		95% Confidence Interval for Mean	12030.8811 - 23456.0356
		5% Trimmed Mean	17074.4167
		Median	13091.0000
		Variance	183019842.868
		Std. Deviation	13528.48265
		Minimum	1136.00
		Maximum	47682.00
		Range	46546.00
		Interquartile Range	22415.00
		Skewness	.735 -.472
		Kurtosis	-.567 .918
	B	Mean	18475.6667
		95% Confidence Interval for Mean	13806.0426 - 23145.2907
		5% Trimmed Mean	18148.2037
		Median	18522.0000
		Variance	122291941.362
		Std. Deviation	11058.56869
		Minimum	950.00
		Maximum	42155.00
		Range	41205.00
		Interquartile Range	13903.25
		Skewness	.454 -.472
		Kurtosis	-.294 .918
	C	Mean	19923.0000
		95% Confidence Interval for Mean	-7183.8694 - 47029.8694
		5% Trimmed Mean	19483.3333
		Median	15966.0000
		Variance	290199425.333
		Std. Deviation	17035.24069
		Minimum	6016.00
		Maximum	41744.00
		Range	35728.00
		Interquartile Range	31402.00
		Skewness	.750 1.014
		Kurtosis	-1.825 2.619

Descriptives			
Location		Statistic	Std. Error
	E	Mean	9589.5000
		95% Confidence Interval for Mean	-38065.1209 - 57244.1209
		5% Trimmed Mean	
		Median	9589.5000
		Variance	28132500.500
		Std. Deviation	5304.00797
		Minimum	5839.00
		Maximum	13340.00
		Range	7501.00
		Interquartile Range	
		Skewness	
		Kurtosis	
	F	Mean	16653.0000
		95% Confidence Interval for Mean	-192656.3106 - 225962.3106
		5% Trimmed Mean	
		Median	16653.0000
		Variance	542719458.000
		Std. Deviation	23296.34001
		Minimum	180.00
		Maximum	33126.00
		Range	32946.00
		Interquartile Range	
		Skewness	
		Kurtosis	
	G	Mean	16653.0000
		95% Confidence Interval for Mean	-192656.3106 - 225962.3106
		5% Trimmed Mean	
		Median	16653.0000
		Variance	542719458.000
		Std. Deviation	23296.34001
		Minimum	180.00
		Maximum	33126.00
		Range	32946.00
		Interquartile Range	
		Skewness	
		Kurtosis	

Q-Q plot for entire data

