

```

GET
FILE='C:\Users\xwan0008\Downloads\Accuracy.sav' .
DATASET NAME DataSet1 WINDOW=FRONT.
EXAMINE VARIABLES=LoForce HiForce diff
/PLOT BOXPLOT STEMLEAF HISTOGRAM NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

Explore

Notes

Output Created		09-MAY-2019 14:11:15
Comments		
Input	Data	C:\Users\xwan0008\Downloads\Accuracy.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	171
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=LoForce HiForce diff /PLOT BOXPLOT STEMLEAF HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:02.89
	Elapsed Time	00:00:01.41

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
LoForce	171	100.0%	0	0.0%	171	100.0%
HiForce	171	100.0%	0	0.0%	171	100.0%
diff	171	100.0%	0	0.0%	171	100.0%

Descriptives

		Statistic	Std. Error	
LoForce	Mean	.6288	.00492	
	95% Confidence Interval for Mean	Lower Bound	.6191	
		Upper Bound	.6385	
	5% Trimmed Mean	.6299		
	Median	.6333		
	Variance	.004		
	Std. Deviation	.06429		
	Minimum	.47		
	Maximum	.77		
	Range	.31		
	Interquartile Range	.09		
	Skewness	-.281	.186	
	Kurtosis	-.336	.369	
HiForce	Mean	.6255	.00524	
	95% Confidence Interval for Mean	Lower Bound	.6152	
		Upper Bound	.6358	
	5% Trimmed Mean	.6258		
	Median	.6292		
	Variance	.005		
	Std. Deviation	.06848		
	Minimum	.40		
	Maximum	.84		
	Range	.44		
	Interquartile Range	.08		
	Skewness	-.164	.186	
	Kurtosis	.351	.369	
diff	Mean	-.0031	.00578	

Descriptives

		Statistic	Std. Error
95% Confidence Interval for Mean	Lower Bound	-.0145	
	Upper Bound	.0083	
5% Trimmed Mean		-.0056	
Median		-.0100	
Variance		.006	
Std. Deviation		.07561	
Minimum		-.16	
Maximum		.32	
Range		.48	
Interquartile Range		.11	
Skewness		.616	.186
Kurtosis		1.152	.369

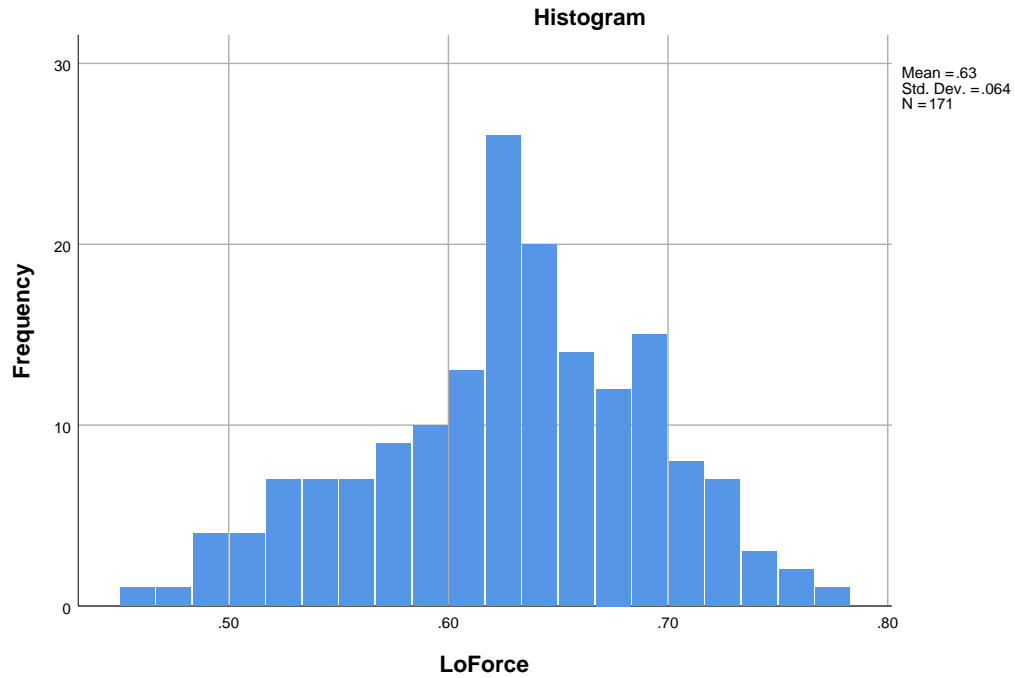
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
LoForce	.058	171	.200*	.987	171	.106
HiForce	.064	171	.086	.991	171	.317
diff	.069	171	.049	.976	171	.004

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

a. Lilliefors Significance Correction

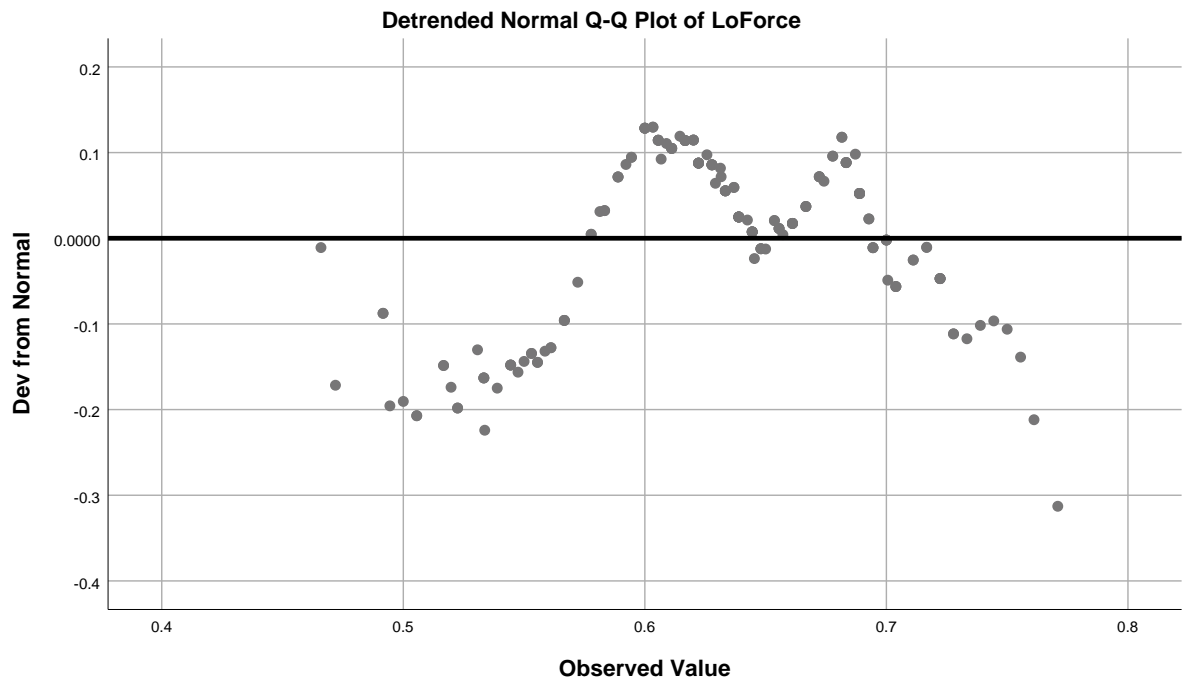
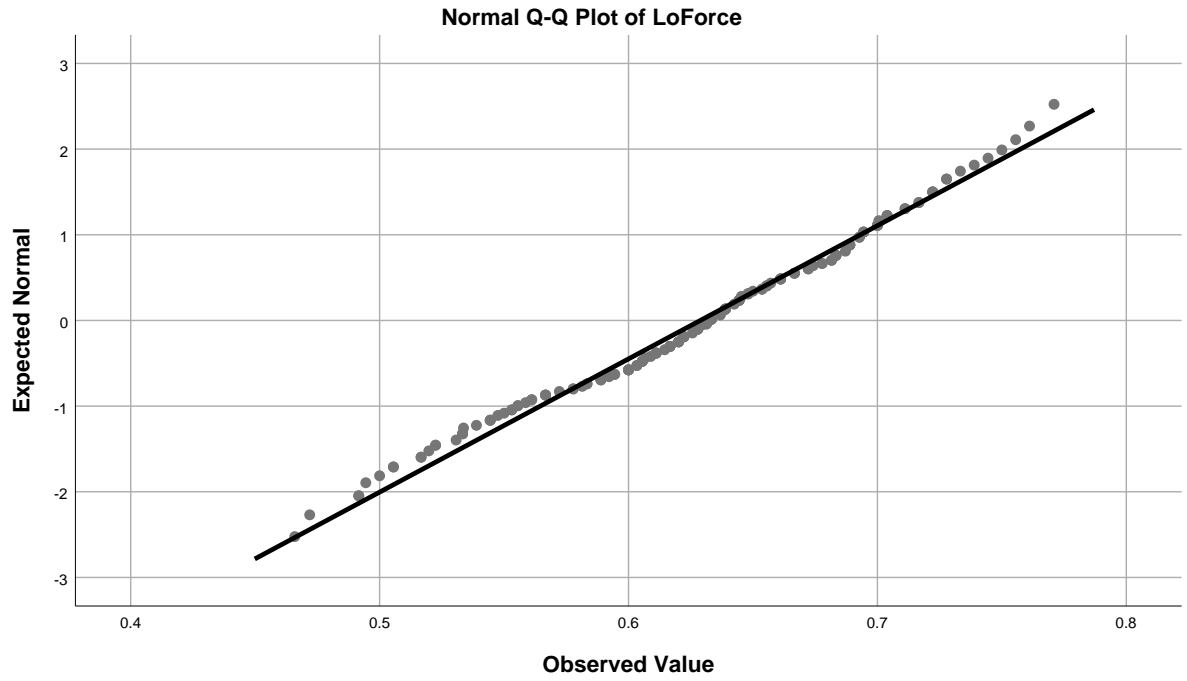
LoForce

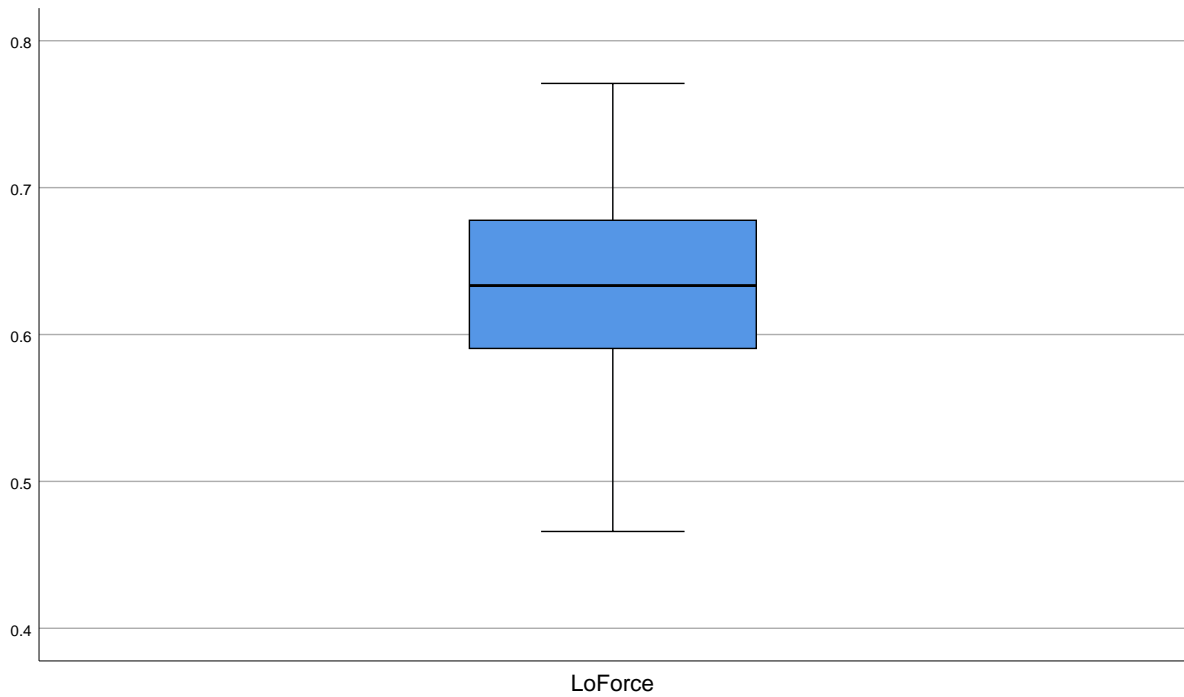


LoForce Stem-and-Leaf Plot

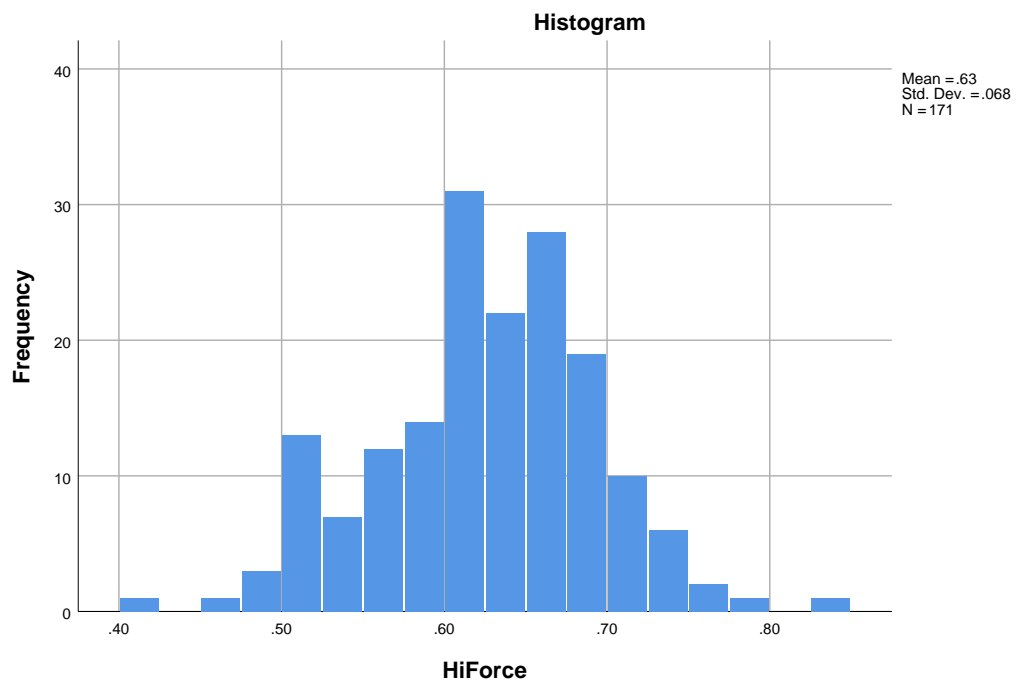
Frequency	Stem &	Leaf
2.00	4 .	67
3.00	4 .	999
6.00	5 .	000111
8.00	5 .	22333333
10.00	5 .	4444555555
8.00	5 .	66666777
9.00	5 .	888888999
21.00	6 .	000000000000111111111
31.00	6 .	22222222222222223333333333333333
17.00	6 .	4444444444445555555
14.00	6 .	66666666777777
18.00	6 .	8888888888888899999
11.00	7 .	0000001111
8.00	7 .	22222233
3.00	7 .	455
2.00	7 .	67

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





HiForce



HiForce Stem-and-Leaf Plot

Frequency	Stem &	Leaf
1.00	Extremes	(= \leq .40)
1.00	4	7
3.00	4	899

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7.00      5 . 0000111
12.00     5 . 222222223333
5.00      5 . 45555
12.00     5 . 666667777777
10.00     5 . 8888889999
25.00     6 . 000000000000111111111111
20.00     6 . 22222222223333333333
20.00     6 . 44444444555555555555
21.00     6 . 66666666667777777777
14.00     6 . 88888888889999
7.00      7 . 0000111
9.00      7 . 222233333
1.00      7 . 5
1.00      7 . 6
1.00      7 . 9
1.00 Extremes  (>=.84)

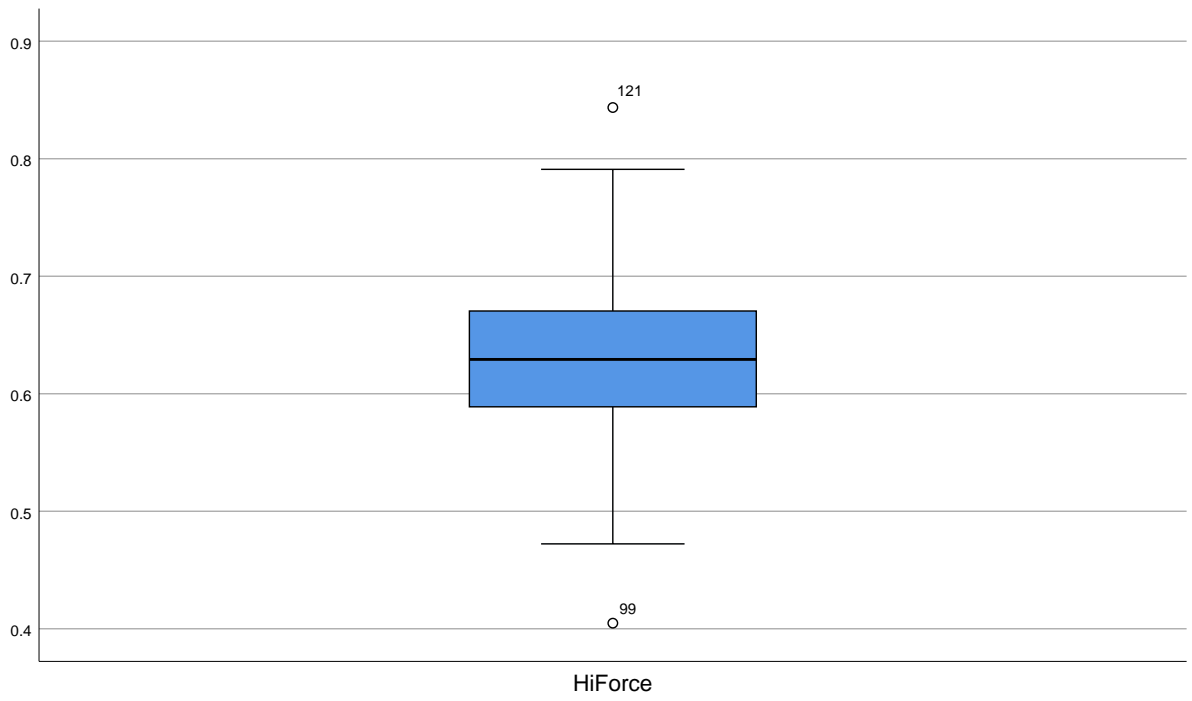
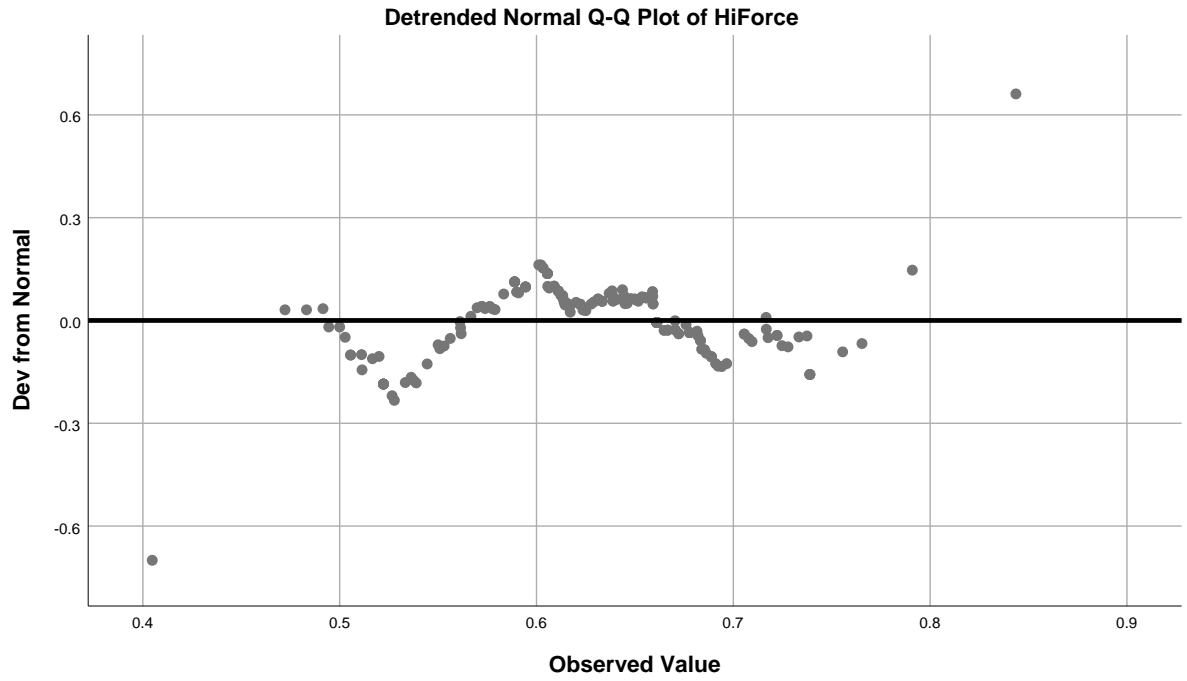
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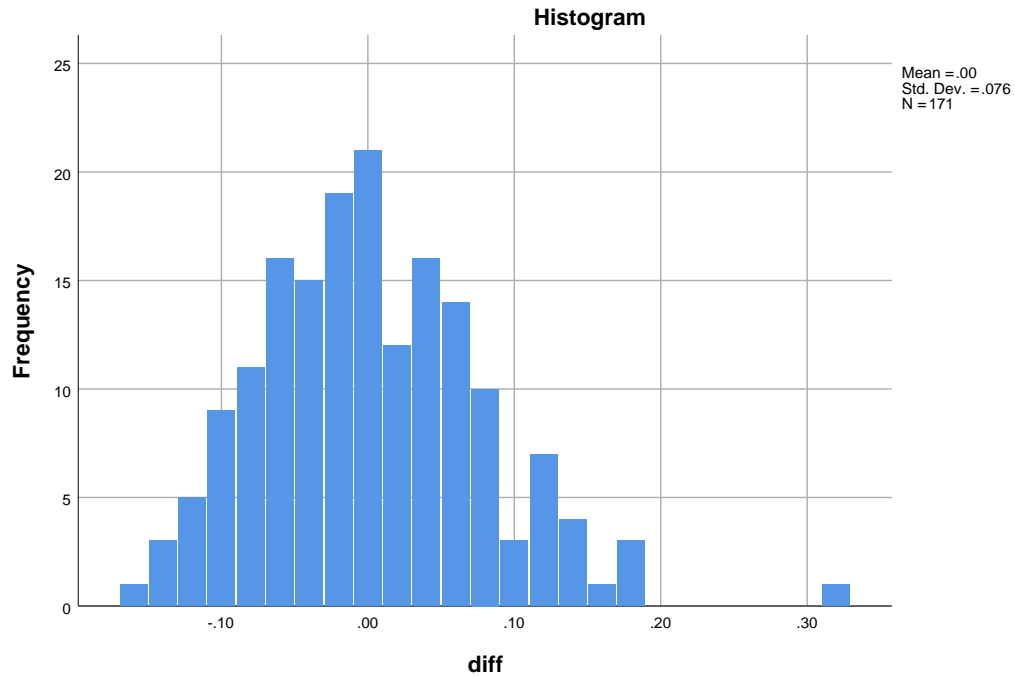
Stem width:      .10
Each leaf:       1 case(s)

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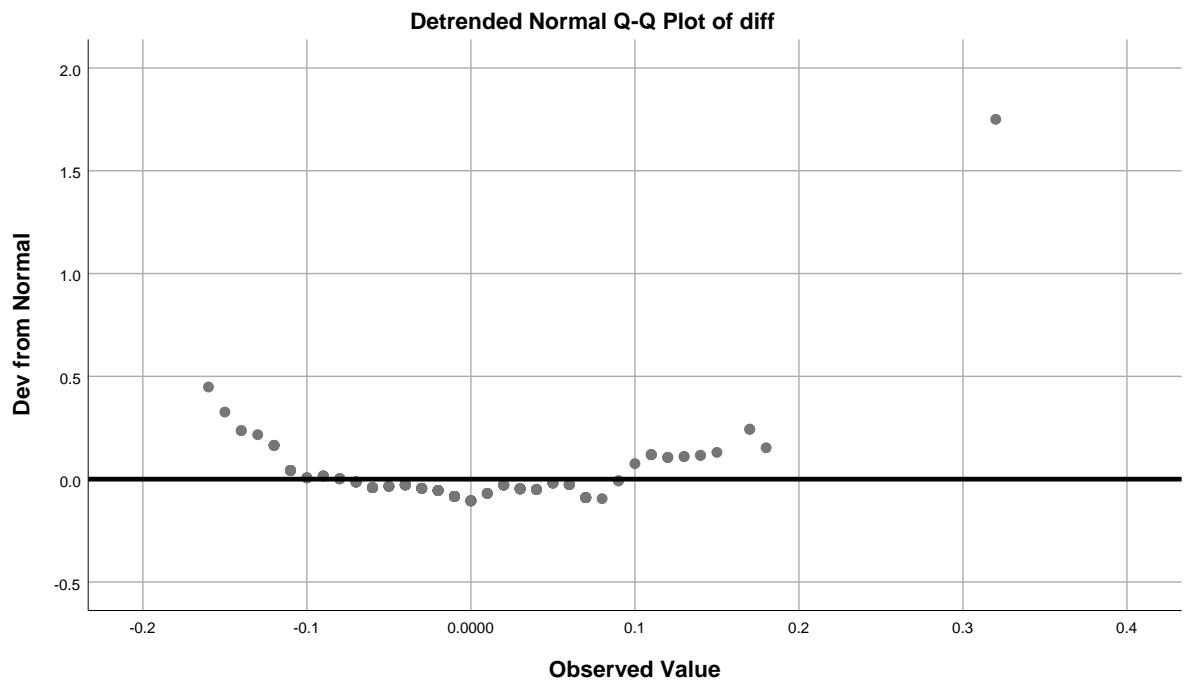
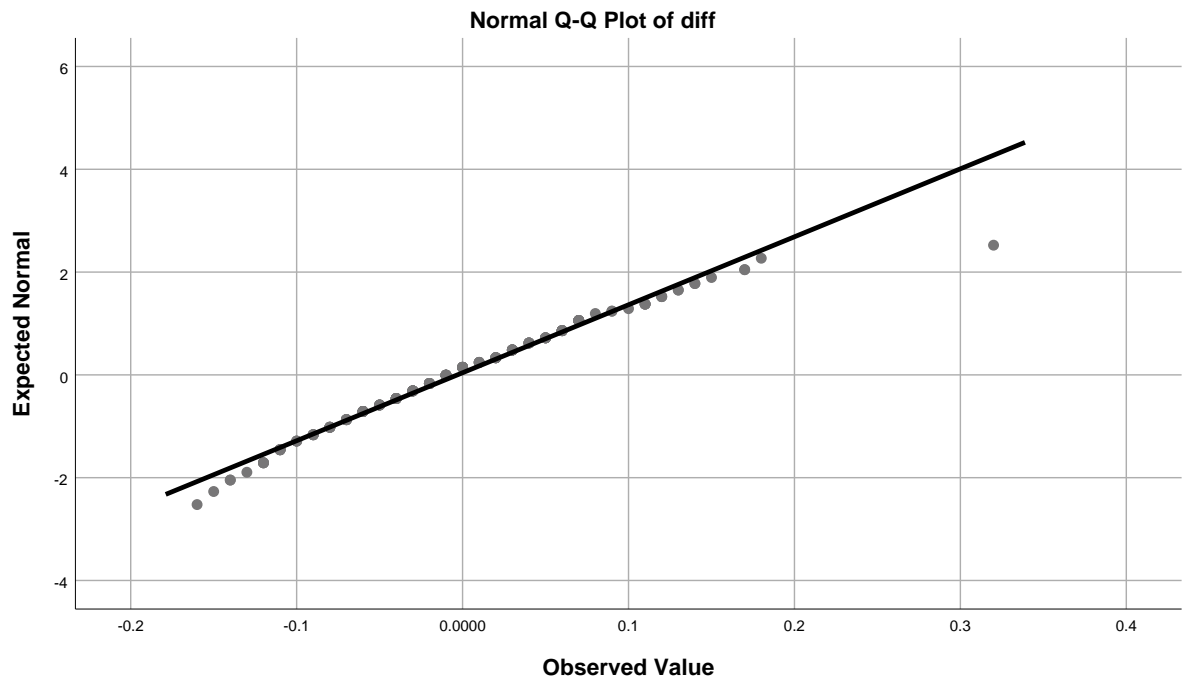
diff

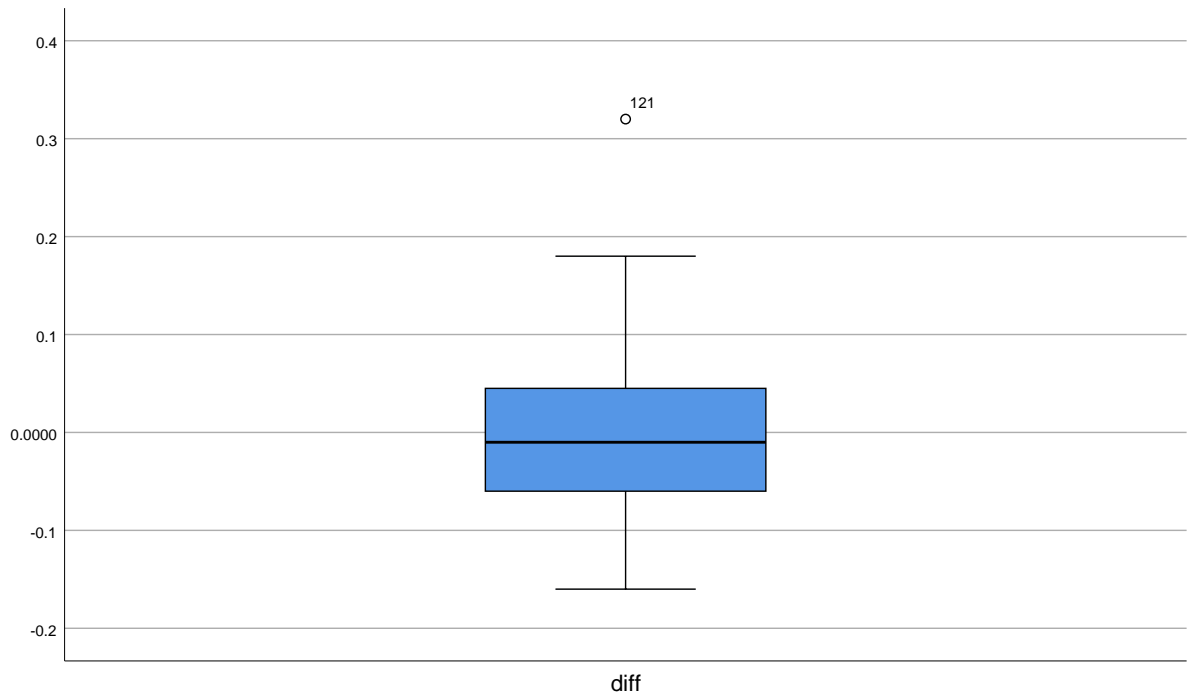


diff Stem-and-Leaf Plot

Frequency	Stem &	Leaf
1.00	-1 .	6
3.00	-1 .	445
5.00	-1 .	22223
9.00	-1 .	000111111
11.00	-0 .	88888899999
16.00	-0 .	6666666667777777
15.00	-0 .	444444444455555
19.00	-0 .	2222222222333333333
12.00	-0 .	111111111111
13.00	0 .	000000001111
19.00	0 .	2222222233333333333
11.00	0 .	44444555555
17.00	0 .	66666666777777777
3.00	0 .	899
5.00	1 .	01111
5.00	1 .	22233
3.00	1 .	445
2.00	1 .	77
1.00	1 .	8
1.00	Extremes	(>=.32)

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





```
T-TEST PAIRS=LoForce WITH HiForce (PAIRED)  
/CRITERIA=CI(.9500)  
/MISSING=ANALYSIS.
```

T-Test

Notes

Output Created		09-MAY-2019 14:12:35
Comments		
Input	Data	C:\Users\xwan0008\Downloads\Accuracy.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	171
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=LoForce WITH HiForce (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	LoForce	.6288	171	.06429	.00492
	HiForce	.6255	171	.06848	.00524

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	LoForce & HiForce	171	.358	.000

Paired Samples Test

		Paired Differences			95% Confidence ...
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	LoForce - HiForce	.00334	.07531	.00576	-.00803

Paired Samples Test

		Paired ... 95% Confidence Interval of the ...	t	df	Sig. (2-tailed)
		Upper			
Pair 1	LoForce - HiForce	.01471	.579	170	.563