NPar Tests

Notes

Output Created		14-OCT-2024 20:13:59
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/Features_1H_modified.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	Frequency Band, Measure
	N of Rows in Working Data File	720
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /M-W= value BY Group (1 0) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

a. Based on availability of workspace memory.

Frequency Band = Alpha Band, Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	-.112174302	.344855810	-1.16056919	.6653575020
Group	30	.60	.498	0	1

a. Frequency Band = Alpha Band, Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.58	115.00
	Ketamine	18	19.44	350.00
	Total	30		

a. Frequency Band = Alpha Band, Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	37.000
Wilcoxon W	115.000
Z	-3.006
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002[c]

a. Frequency Band = Alpha Band, Measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Alpha Band, Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.076586436	.680262809	-1.38353632	1.28500227
Group	30	.60	.498	0	1

a. Frequency Band = Alpha Band, Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	6.83	82.00
	Ketamine	18	21.28	383.00
	Total	30		

a. Frequency Band = Alpha Band, Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	4.000
Wilcoxon W	82.000
Z	-4.403
Asymp. Sig. (2-tailed)	<.001
Exact Sig. [2*(1-tailed Sig.)]	<.001[c]

a. Frequency Band = Alpha Band, Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Alpha Band, Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	-.184579002	.667396705	-2.03915185	1.36212232
Group	30	.60	.498	0	1

a. Frequency Band = Alpha Band, Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.25	111.00
	Ketamine	18	19.67	354.00
	Total	30		

a. Frequency Band = Alpha Band, Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	33.000
Wilcoxon W	111.000
Z	-3.175
Asymp. Sig. (2-tailed)	.001
Exact Sig. [2*(1-tailed Sig.)]	<.001[c]

a. Frequency Band = Alpha Band, Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Alpha Band, Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.079513632	.660638672	-.864236606	1.91777540
Group	30	.60	.498	0	1

a. Frequency Band = Alpha Band, Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.33	112.00
	Ketamine	18	19.61	353.00
	Total	30		

a. Frequency Band = Alpha Band, Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	34.000
Wilcoxon W	112.000
Z	-3.133
Asymp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.001[c]

a. Frequency Band = Alpha Band, Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Beta Band, Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.024937062	.654318003	-1.63356710	2.21173753
Group	30	.60	.498	0	1

a. Frequency Band = Beta Band, Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.58	127.00
	Ketamine	18	18.78	338.00
	Total	30		

a. Frequency Band = Beta Band, Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	49.000
Wilcoxon W	127.000
Z	-2.498
Asymp. Sig. (2-tailed)	.012
Exact Sig. [2*(1-tailed Sig.)]	.012[c]

a. Frequency Band = Beta Band, Measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Beta Band, Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.041705516	.561264874	-1.03995623	1.30906659
Group	30	.60	.498	0	1

a. Frequency Band = Beta Band, Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	8.58	103.00
	Ketamine	18	20.11	362.00
	Total	30		

a. Frequency Band = Beta Band, Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	25.000
Wilcoxon W	103.000
Z	-3.514
Asymp. Sig. (2-tailed)	<.001
Exact Sig. [2*(1-tailed Sig.)]	<.001[c]

a. Frequency Band = Beta Band, Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Beta Band, Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.061907586	1.31644412	-3.43428747	3.65899138
Group	30	.60	.498	0	1

a. Frequency Band = Beta Band, Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.00	120.00
	Ketamine	18	19.17	345.00
	Total	30		

a. Frequency Band = Beta Band, Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	42.000
Wilcoxon W	120.000
Z	-2.794
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.004[c]

a. Frequency Band = Beta Band, Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Beta Band, Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.036970524	.698750616	-1.80072037	1.45022771
Group	30	.60	.498	0	1

a. Frequency Band = Beta Band, Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.67	116.00
	Ketamine	18	19.39	349.00
	Total	30		

a. Frequency Band = Beta Band, Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	38.000
Wilcoxon W	116.000
Z	-2.964
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002[c]

a. Frequency Band = Beta Band, Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Delta Band, Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.027950537	.702023809	-1.48278526	2.13273556
Group	30	.60	.498	0	1

a. Frequency Band = Delta Band, Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	12.92	155.00
	Ketamine	18	17.22	310.00
	Total	30		

a. Frequency Band = Delta Band, Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	77.000
Wilcoxon W	155.000
Z	-1.312
Asymp. Sig. (2-tailed)	.189
Exact Sig. [2*(1-tailed Sig.)]	.200[c]

a. Frequency Band = Delta Band, Measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Delta Band, Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.018809832	.264803666	-.573297290	.5999740970
Group	30	.60	.498	0	1

a. Frequency Band = Delta Band, Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.00	120.00
	Ketamine	18	19.17	345.00
	Total	30		

a. Frequency Band = Delta Band, Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	42.000
Wilcoxon W	120.000
Z	-2.794
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.004[c]

a. Frequency Band = Delta Band, Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Delta Band, Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.158701414	1.54813934	-3.11277826	3.83532581
Group	30	.60	.498	0	1

a. Frequency Band = Delta Band, Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	12.67	152.00
	Ketamine	18	17.39	313.00
	Total	30		

a. Frequency Band = Delta Band, Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	74.000
Wilcoxon W	152.000
Z	-1.439
Asymp. Sig. (2-tailed)	.150
Exact Sig. [2*(1-tailed Sig.)]	.158[c]

a. Frequency Band = Delta Band, Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Delta Band, Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.130750877	.888595536	-1.62999300	2.14776446
Group	30	.60	.498	0	1

a. Frequency Band = Delta Band, Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	12.33	148.00
	Ketamine	18	17.61	317.00
	Total	30		

a. Frequency Band = Delta Band, Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	70.000
Wilcoxon W	148.000
Z	-1.609
Asymp. Sig. (2-tailed)	.108
Exact Sig. [2*(1-tailed Sig.)]	.113[c]

a. Frequency Band = Delta Band, Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Gamma Band, Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	-.025788106	.670632590	-2.05125999	1.42050669
Group	30	.60	.498	0	1

a. Frequency Band = Gamma Band, Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	11.00	132.00
	Ketamine	18	18.50	333.00
	Total	30		

a. Frequency Band = Gamma Band, Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	54.000
Wilcoxon W	132.000
Z	-2.286
Asymp. Sig. (2-tailed)	.022
Exact Sig. [2*(1-tailed Sig.)]	.022[c]

a. Frequency Band = Gamma Band, Measure = Dual Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Gamma Band, Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.145203174	.431672803	-.748845882	1.00376986
Group	30	.60	.498	0	1

a. Frequency Band = Gamma Band, Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.67	116.00
	Ketamine	18	19.39	349.00
	Total	30		

a. Frequency Band = Gamma Band, Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	38.000
Wilcoxon W	116.000
Z	-2.964
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002[c]

a. Frequency Band = Gamma Band, Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Gamma Band, Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.024155670	1.41209286	-4.18381532	2.46643724
Group	30	.60	.498	0	1

a. Frequency Band = Gamma Band, Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.58	127.00
	Ketamine	18	18.78	338.00
	Total	30		

a. Frequency Band = Gamma Band, Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	49.000
Wilcoxon W	127.000
Z	-2.498
Asymp. Sig. (2-tailed)	.012
Exact Sig. [2*(1-tailed Sig.)]	.012[c]

a. Frequency Band = Gamma Band, Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Gamma Band, Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.049943776	.761581296	-2.13255533	1.56297583
Group	30	.60	.498	0	1

a. Frequency Band = Gamma Band, Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.67	128.00
	Ketamine	18	18.72	337.00
	Total	30		

a. Frequency Band = Gamma Band, Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	50.000
Wilcoxon W	128.000
Z	-2.456
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.013[c]

a. Frequency Band = Gamma Band, Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Theta Band, Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	-.121097318	.386574768	-1.22243019	.5466472310
Group	30	.60	.498	0	1

a. Frequency Band = Theta Band, Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	11.00	132.00
	Ketamine	18	18.50	333.00
	Total	30		

a. Frequency Band = Theta Band, Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	54.000
Wilcoxon W	132.000
Z	-2.286
Asymp. Sig. (2-tailed)	.022
Exact Sig. [2*(1-tailed Sig.)]	.022[c]

a. Frequency Band = Theta Band, Measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Theta Band, Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.157797007	.417185344	-1.00281904	1.06320467
Group	30	.60	.498	0	1

a. Frequency Band = Theta Band, Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	8.00	96.00
	Ketamine	18	20.50	369.00
	Total	30		

a. Frequency Band = Theta Band, Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	18.000
Wilcoxon W	96.000
Z	-3.810
Asymp. Sig. (2-tailed)	<.001
Exact Sig. [2*(1-tailed Sig.)]	<.001[c]

a. Frequency Band = Theta Band, Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Theta Band, Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.034072809	1.66569221	-3.58283526	4.19324788
Group	30	.60	.498	0	1

a. Frequency Band = Theta Band, Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	11.00	132.00
	Ketamine	18	18.50	333.00
	Total	30		

a. Frequency Band = Theta Band, Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	54.000
Wilcoxon W	132.000
Z	-2.286
Asymp. Sig. (2-tailed)	.022
Exact Sig. [2*(1-tailed Sig.)]	.022[c]

a. Frequency Band = Theta Band, Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Theta Band, Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.055470525	.555188846	-1.21804715	1.38231349
Group	30	.60	.498	0	1

a. Frequency Band = Theta Band, Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.92	131.00
	Ketamine	18	18.56	334.00
	Total	30		

a. Frequency Band = Theta Band, Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	53.000
Wilcoxon W	131.000
Z	-2.329
Asymp. Sig. (2-tailed)	.020
Exact Sig. [2*(1-tailed Sig.)]	.019[c]

a. Frequency Band = Theta Band, Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Wholeband , Measure = Dual Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	-.116841881	.322372051	-.970549533	.3667015290
Group	30	.60	.498	0	1

a. Frequency Band = Wholeband , Measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	11.25	135.00
	Ketamine	18	18.33	330.00
	Total	30		

a. Frequency Band = Wholeband , Measure = Dual Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	57.000
Wilcoxon W	135.000
Z	-2.159
Asymp. Sig. (2-tailed)	.031
Exact Sig. [2*(1-tailed Sig.)]	.031[c]

a. Frequency Band = Wholeband , Measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Wholeband , Measure = O-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.142630204	.397313306	-.566316466	.9908715660
Group	30	.60	.498	0	1

a. Frequency Band = Wholeband , Measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	9.58	115.00
	Ketamine	18	19.44	350.00
	Total	30		

a. Frequency Band = Wholeband , Measure = O-info

Test Statistics[a,b]

	Value
Mann-Whitney U	37.000
Wilcoxon W	115.000
Z	-3.006
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.002[c]

a. Frequency Band = Wholeband , Measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Wholeband , Measure = S-info

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.035608565	1.48087312	-3.35869501	4.03436092
Group	30	.60	.498	0	1

a. Frequency Band = Wholeband , Measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.92	131.00
	Ketamine	18	18.56	334.00
	Total	30		

a. Frequency Band = Wholeband , Measure = S-info

Test Statistics[a,b]

	Value
Mann-Whitney U	53.000
Wilcoxon W	131.000
Z	-2.329
Asymp. Sig. (2-tailed)	.020
Exact Sig. [2*(1-tailed Sig.)]	.019[c]

a. Frequency Band = Wholeband , Measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

Frequency Band = Wholeband , Measure = Total Correlation

Descriptive Statistics[a]

	N	Mean	Std. Deviation	Minimum	Maximum
Value	30	.036806341	.804940440	-1.71870789	2.10099462
Group	30	.60	.498	0	1

a. Frequency Band = Wholeband , Measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
Value	Midazolam	12	10.50	126.00
	Ketamine	18	18.83	339.00
	Total	30		

a. Frequency Band = Wholeband , Measure = Total Correlation

Test Statistics[a,b]

	Value
Mann-Whitney U	48.000
Wilcoxon W	126.000
Z	-2.540
Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.010[c]

a. Frequency Band = Wholeband , Measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Graph

Notes

Output Created		14-OCT-2024 20:14:27
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/Features_1H_modified.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	Frequency Band, Measure
	N of Rows in Working Data File	720
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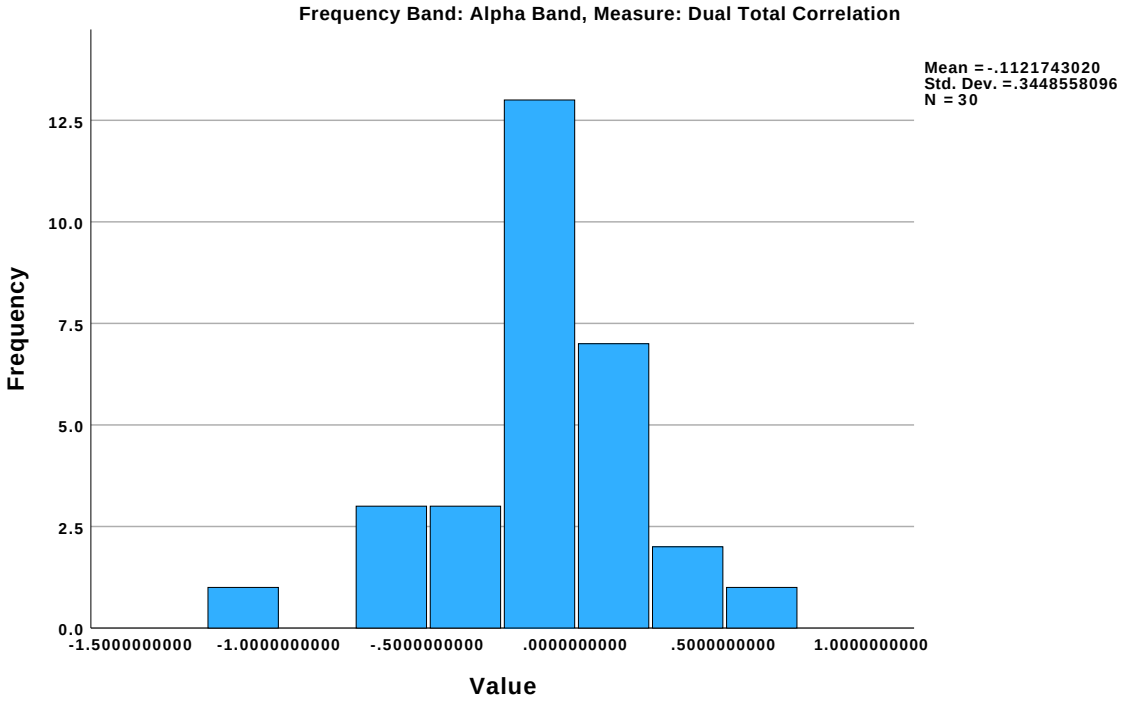
Resources	Processor Time	00:00:01.75
	Elapsed Time	00:00:01.00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Std. Dev. =.3448558096
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10.0
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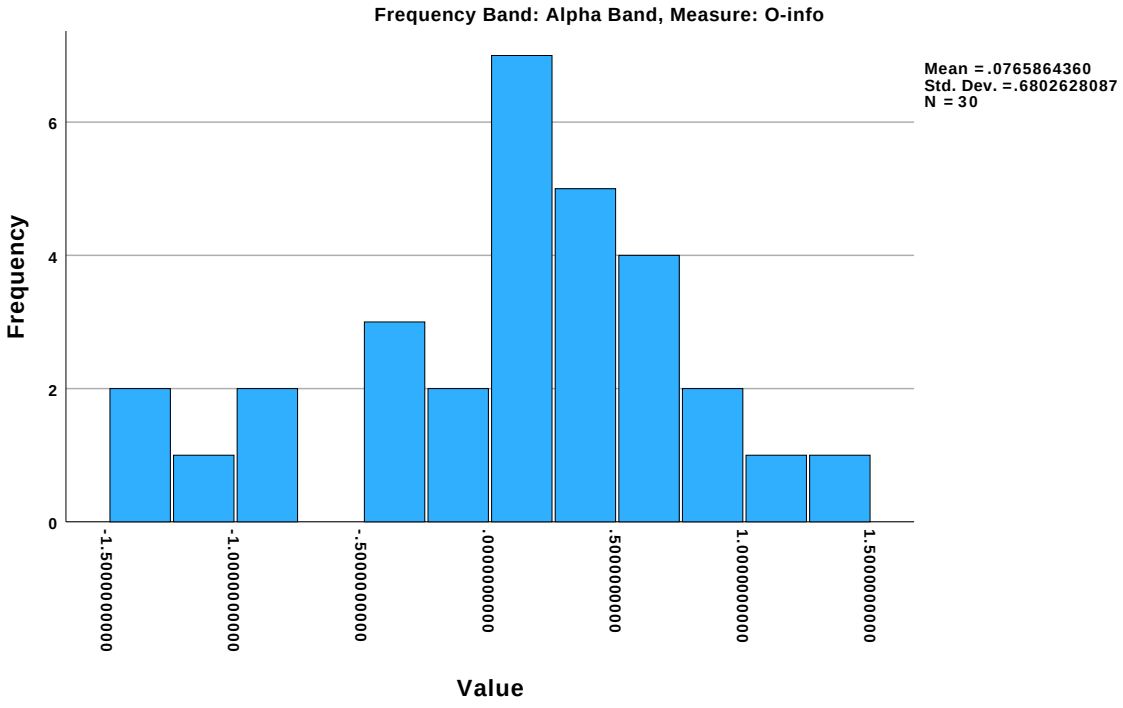
Value


Frequency Band: Alpha Band, Measure: O-info
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Std. Dev. =.6802628087
N = 30
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6
4
2
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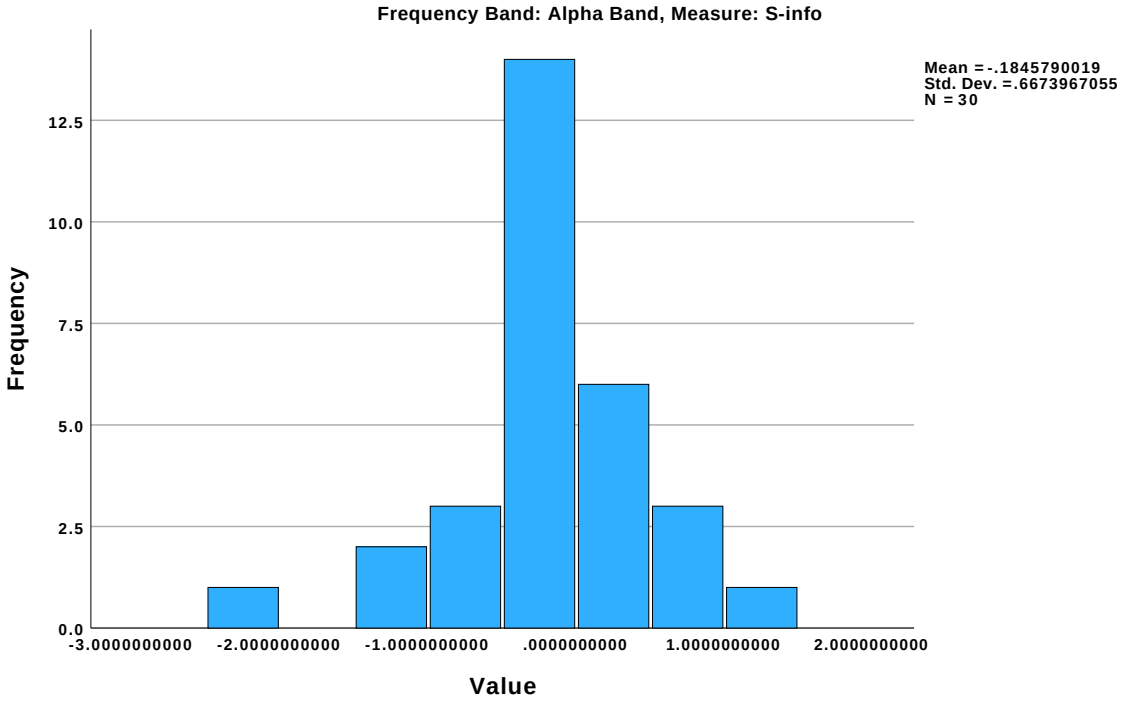
1.5000000000
Value


Frequency Band: Alpha Band, Measure: S-info
Mean = -.1845790019
Std. Dev. =.6673967055
N = 30
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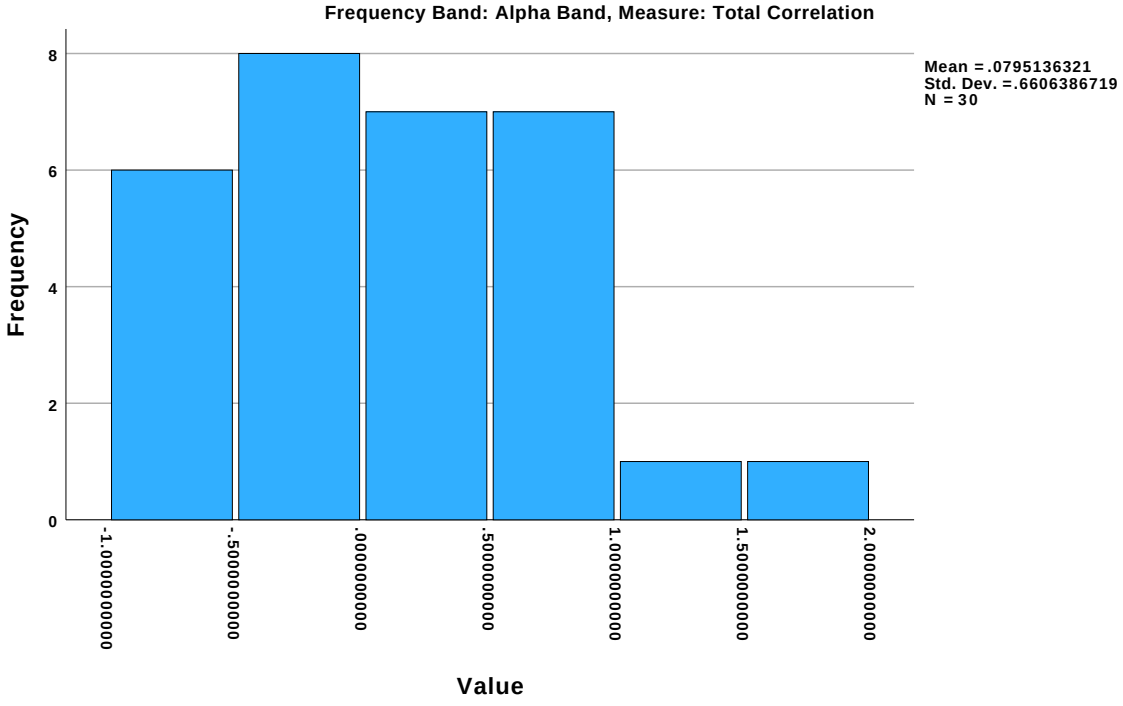
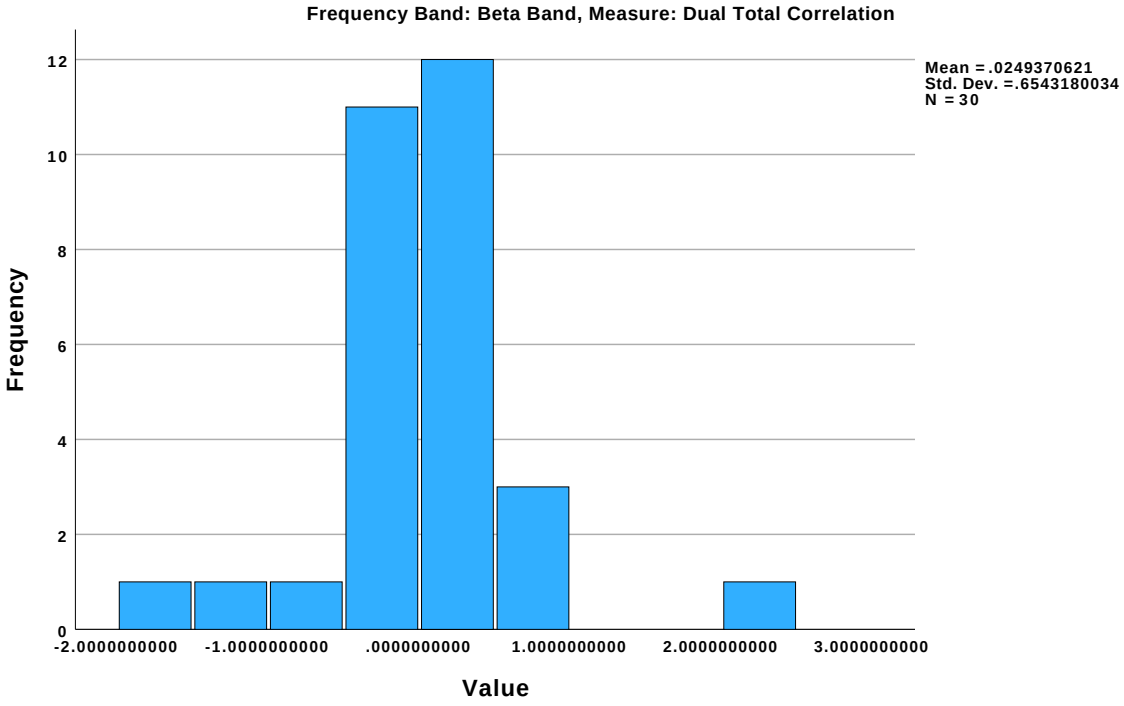
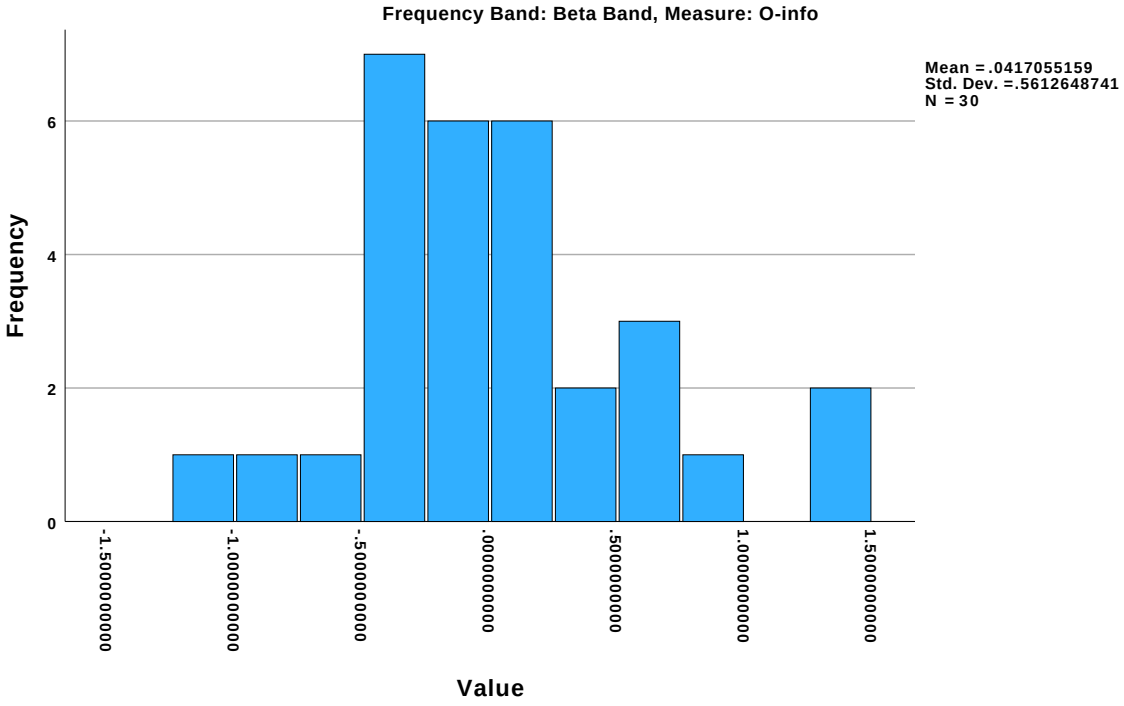
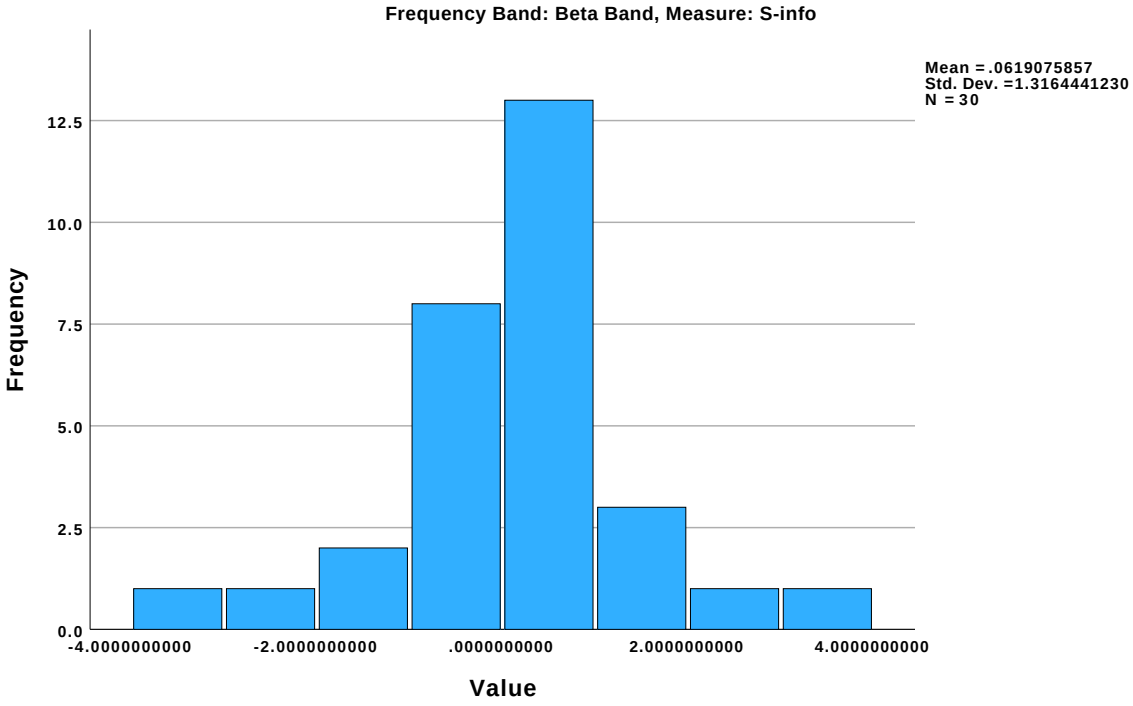
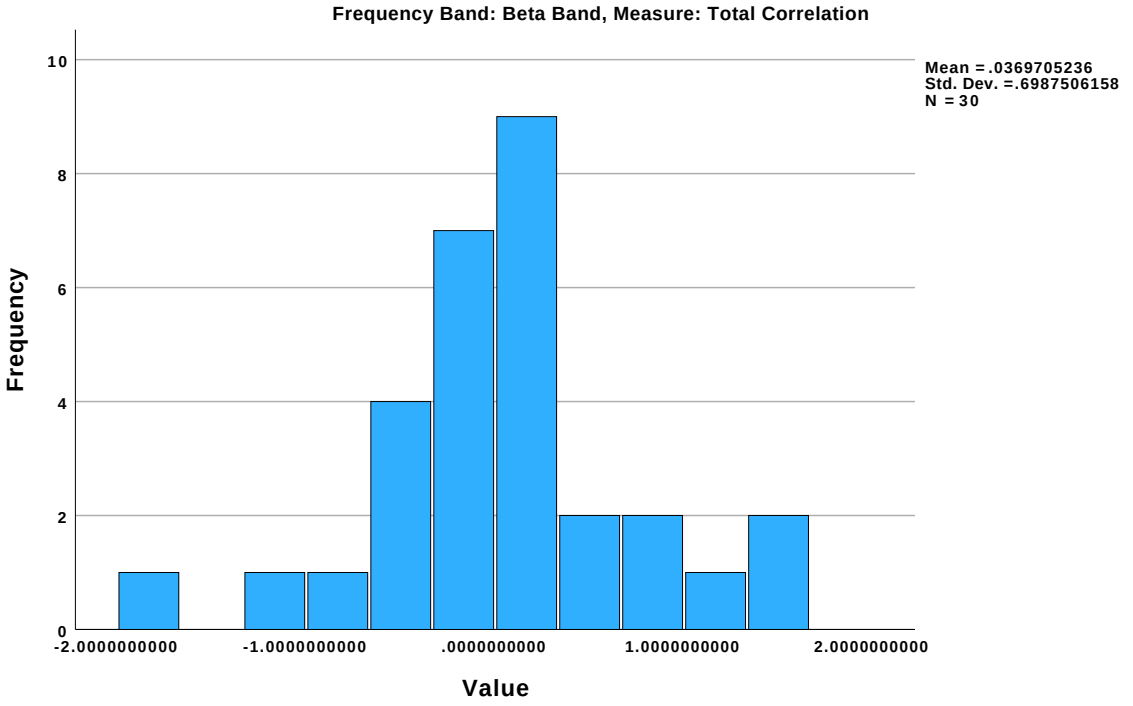
10.0
7.5
5.0
2.5
0.0
-3.0000000000
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
Value

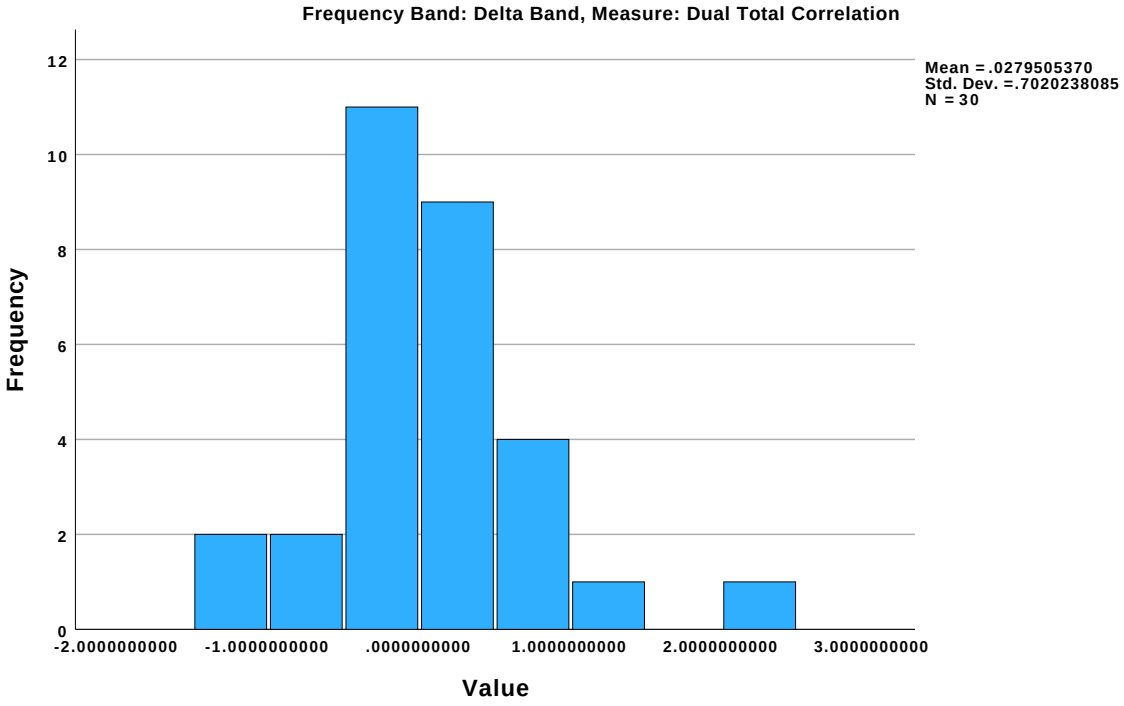

Frequency Band: Alpha Band, Measure: Total Correlation
Mean = .0795136321
Std. Dev. =.6606386719
N = 30
Frequency
8
6
4
2
0
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
1.5000000000
2.0000000000
Value

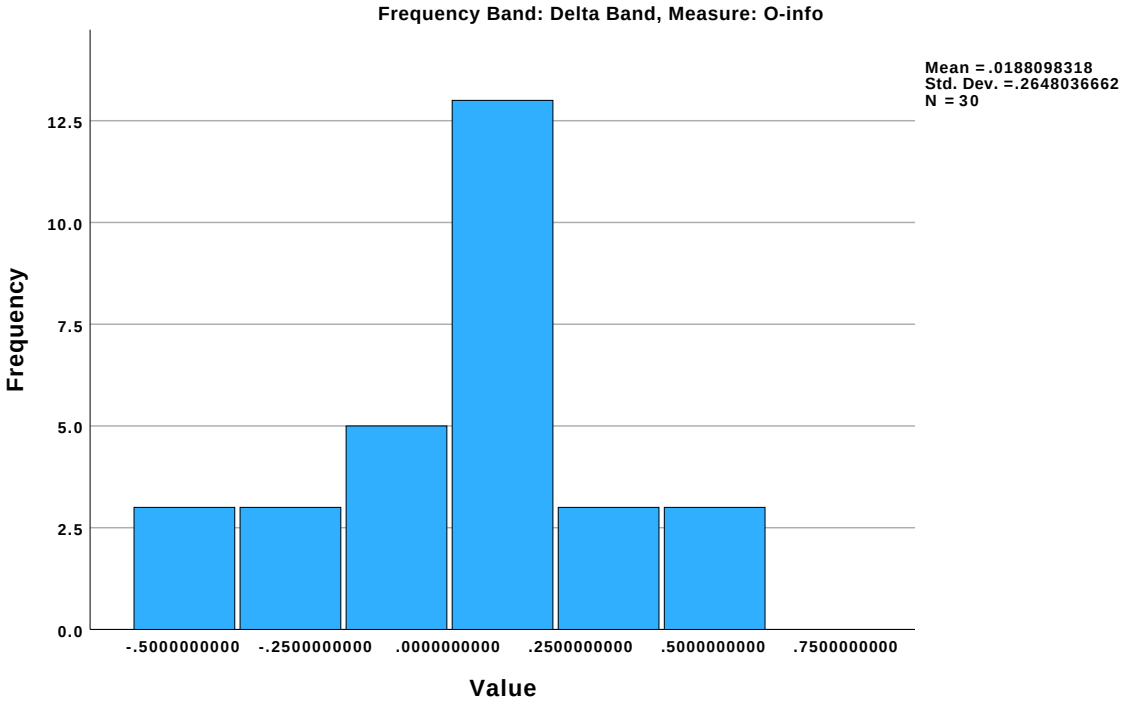

Frequency Band: Beta Band, Measure: Dual Total Correlation
Mean = .0249370621
Std. Dev. =.6543180034
N = 30
Frequency
12
10
8
6
4
2
0
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
3.0000000000
Value

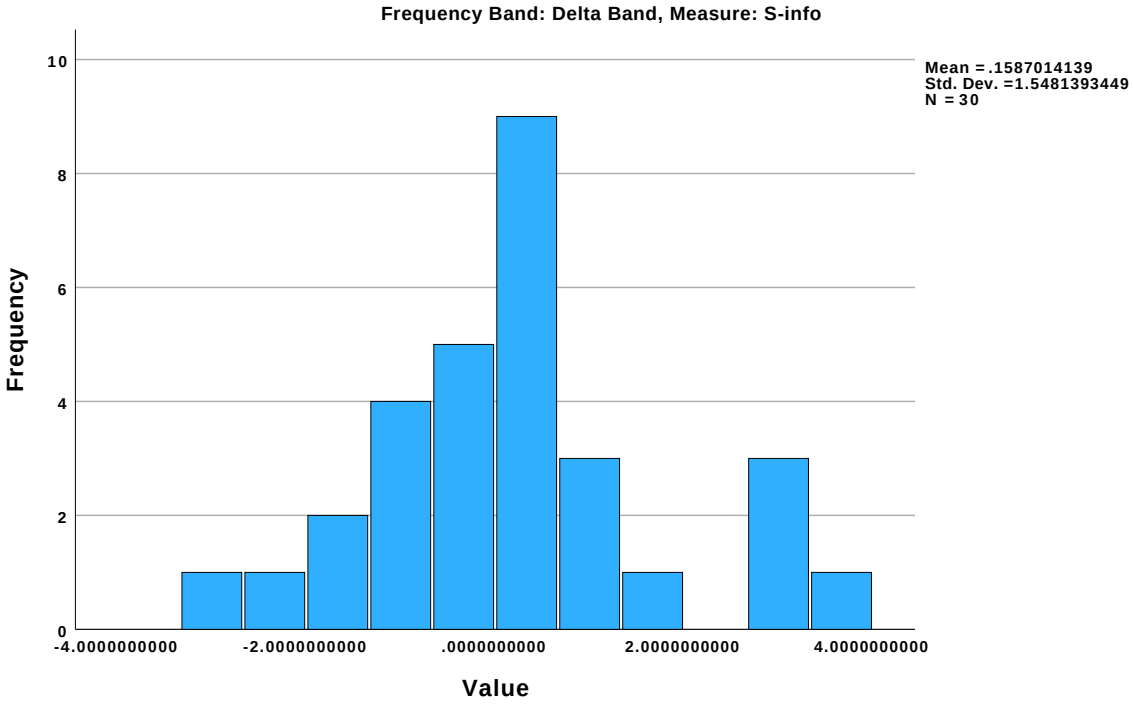

Frequency Band: Beta Band, Measure: O-info
Mean = .0417055159
Std. Dev. =.5612648741
N = 30
Frequency
6
4
2
0
-1.5000000000
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
1.5000000000
Value

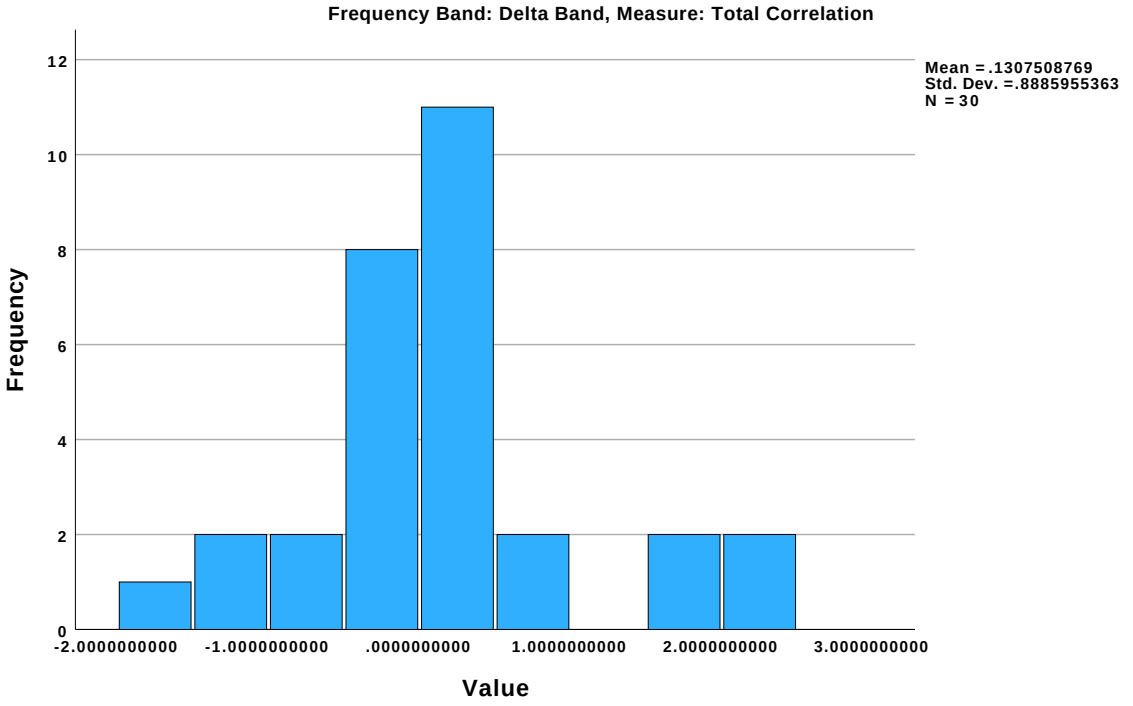

Frequency Band: Beta Band, Measure: S-info
Mean = .0619075857
Std. Dev. =1.3164441230
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-4.0000000000
-2.0000000000
.0000000000
2.0000000000
4.0000000000
Value

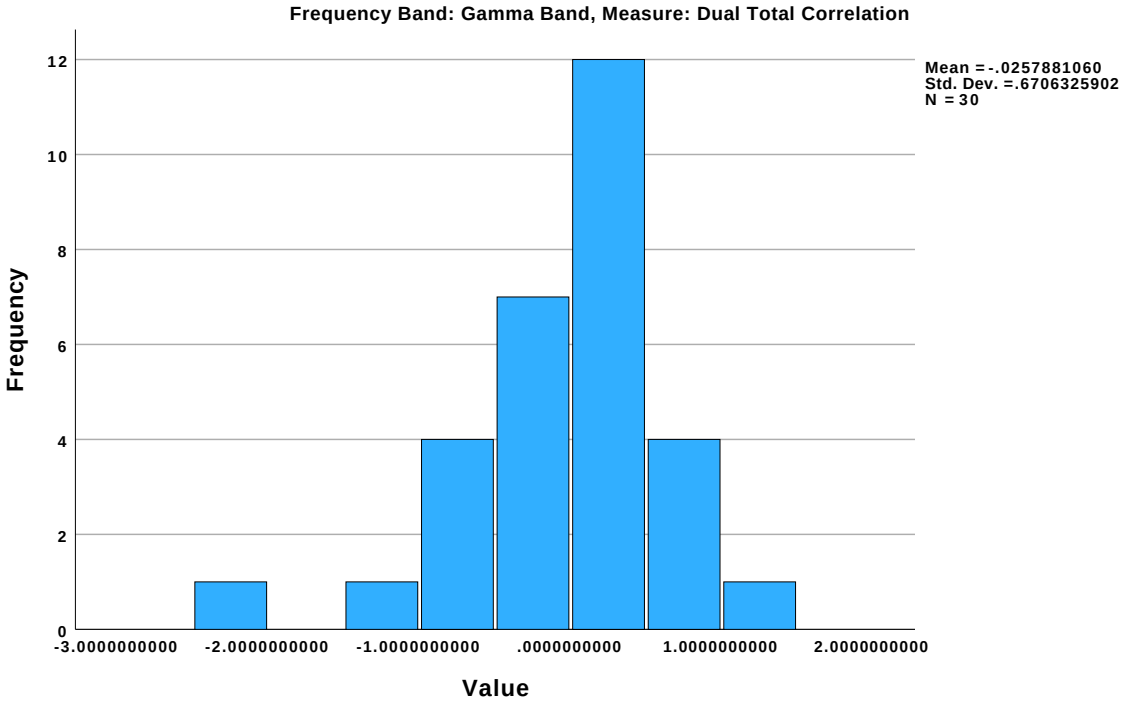

Frequency Band: Beta Band, Measure: Total Correlation
Mean = .0369705236
Std. Dev. =.6987506158
N = 30
Frequency
10
8
6
4
2
0
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
Value


Frequency Band: Delta Band, Measure: Dual Total Correlation
Mean = .0279505370
Std. Dev. =.7020238085
N = 30
Frequency
12
10
8
6
4
2
0
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
3.0000000000
Value


Frequency Band: Delta Band, Measure: O-info
Mean = .0188098318
Std. Dev. =.2648036662
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-.5000000000
-.2500000000
.0000000000
.2500000000
.5000000000
.7500000000
Value


Frequency Band: Delta Band, Measure: S-info
Mean = .1587014139
Std. Dev. =1.5481393449
N = 30
Frequency
10
8
6
4
2
0
-4.0000000000
-2.0000000000
.0000000000
2.0000000000
4.0000000000
Value


Frequency Band: Delta Band, Measure: Total Correlation
Mean = .1307508769
Std. Dev. =.8885955363
N = 30
Frequency
12
10
8
6
4
2
0
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
3.0000000000
Value


Frequency Band: Gamma Band, Measure: Dual Total Correlation
Mean =-.0257881060
Std. Dev. =.6706325902
N = 30
Frequency
Value
0
2
4
6
8
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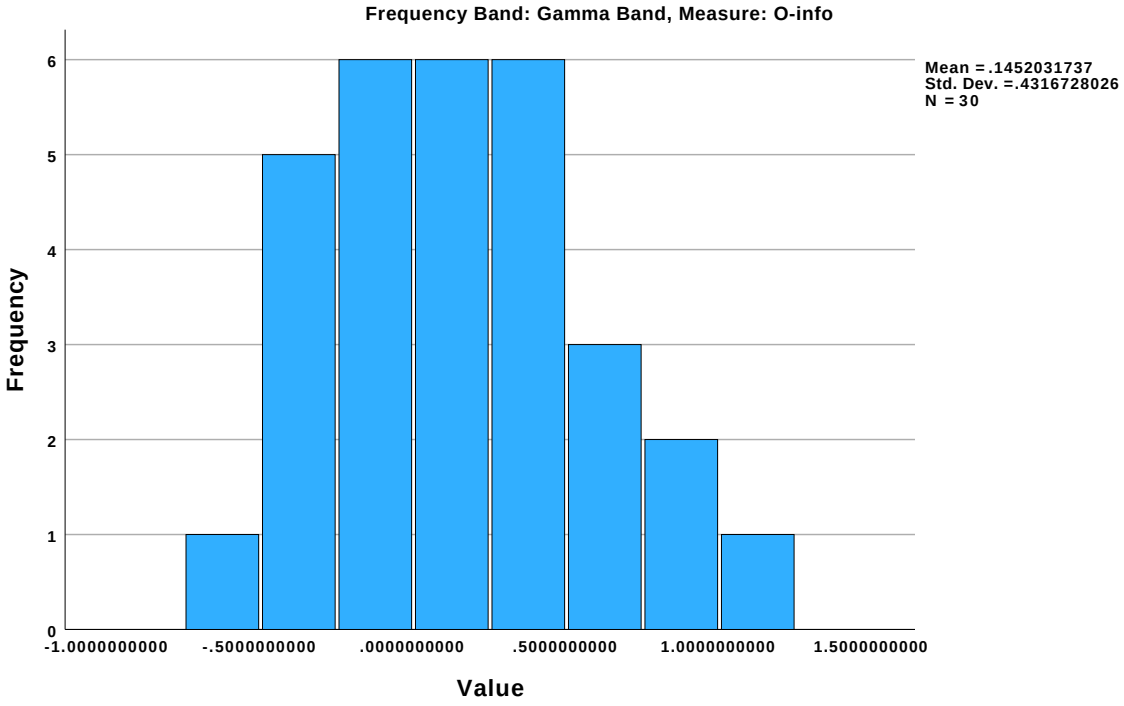
-1.0000000000
.0000000000
1.0000000000
2.0000000000


Frequency Band: Gamma Band, Measure: O-info
Mean =.1452031737
Std. Dev. =.4316728026
N = 30
Frequency
Value
0
1
2
3
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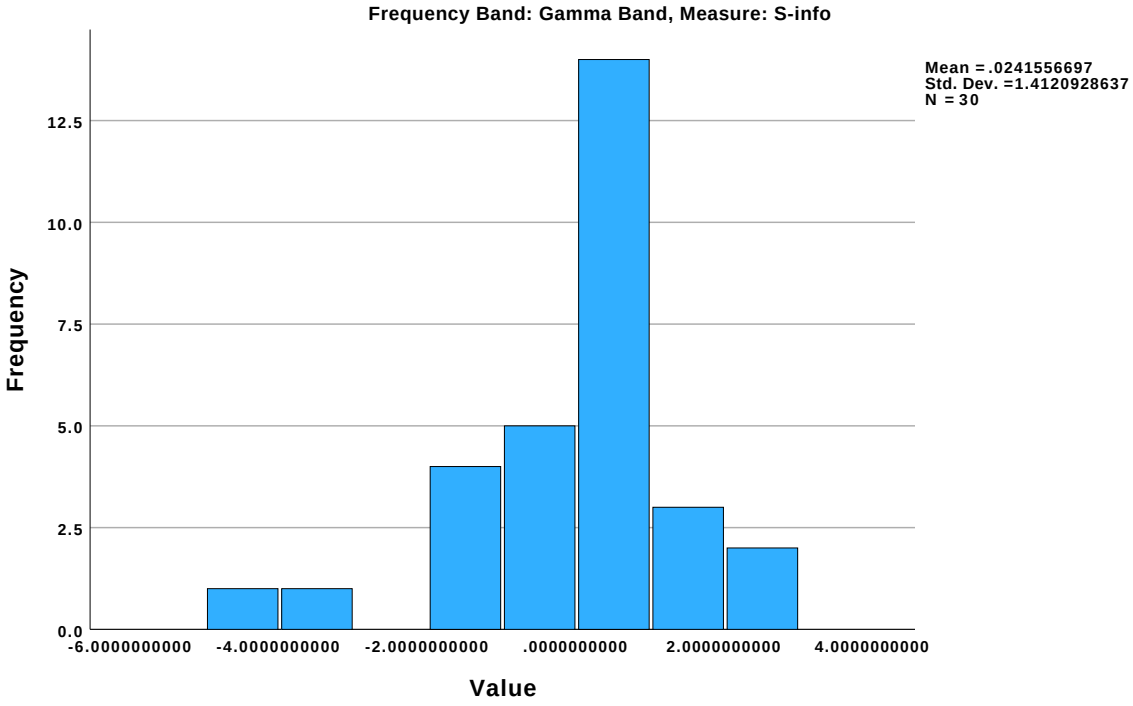
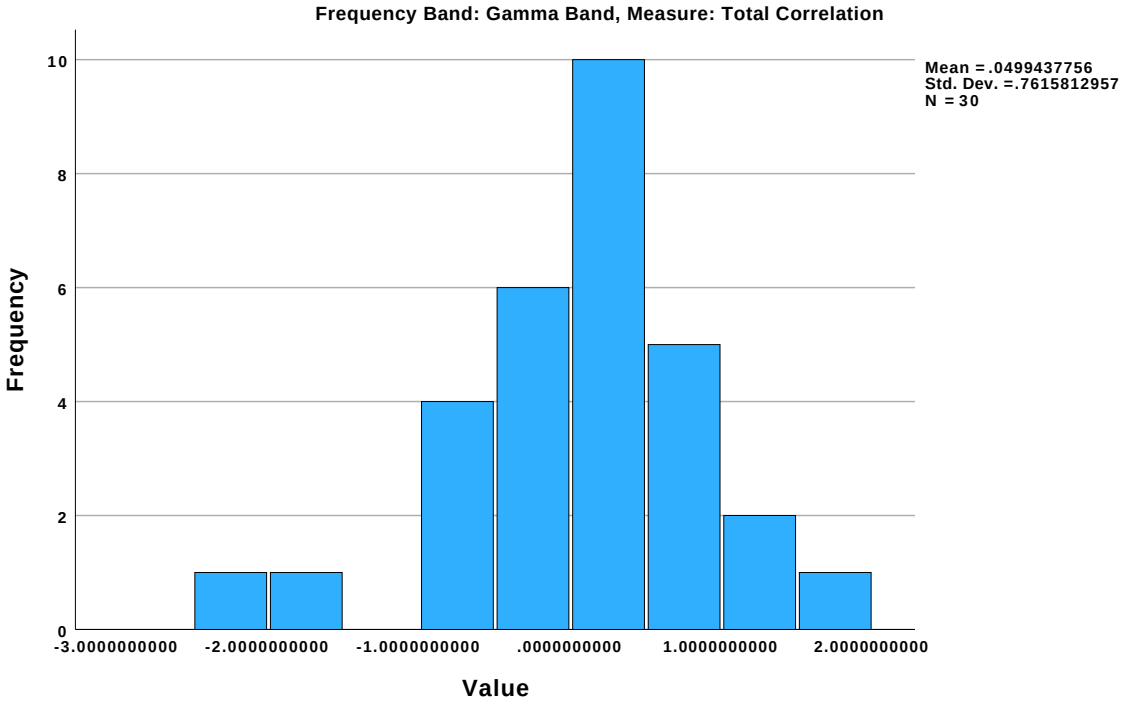
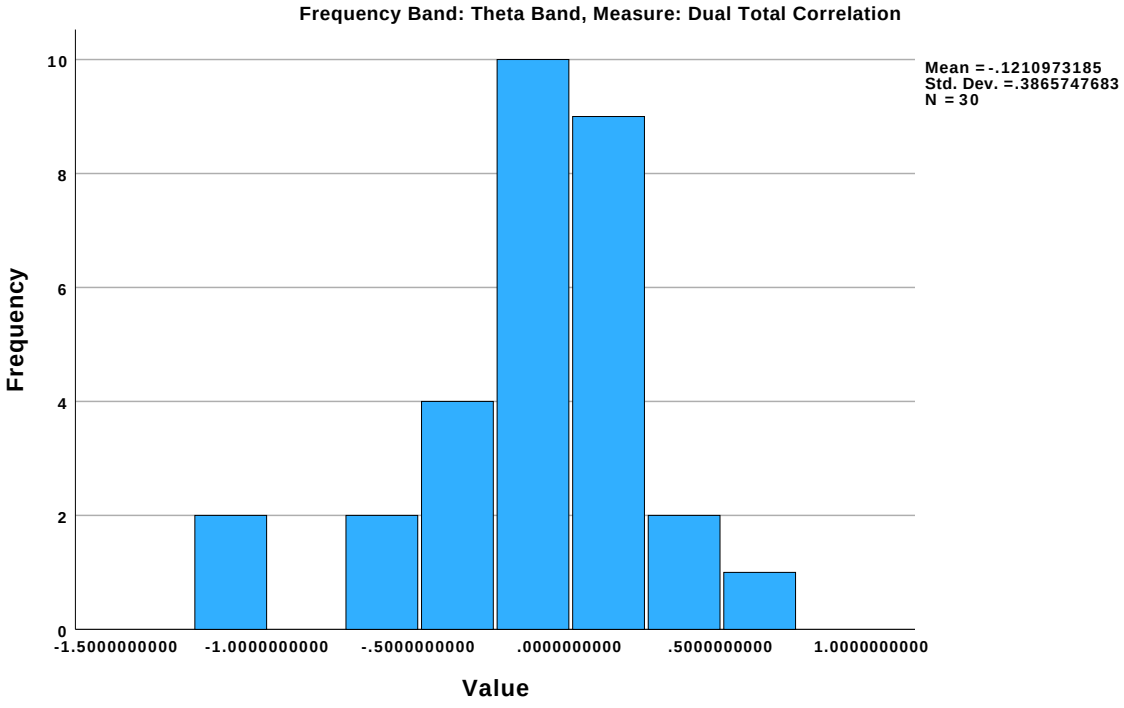
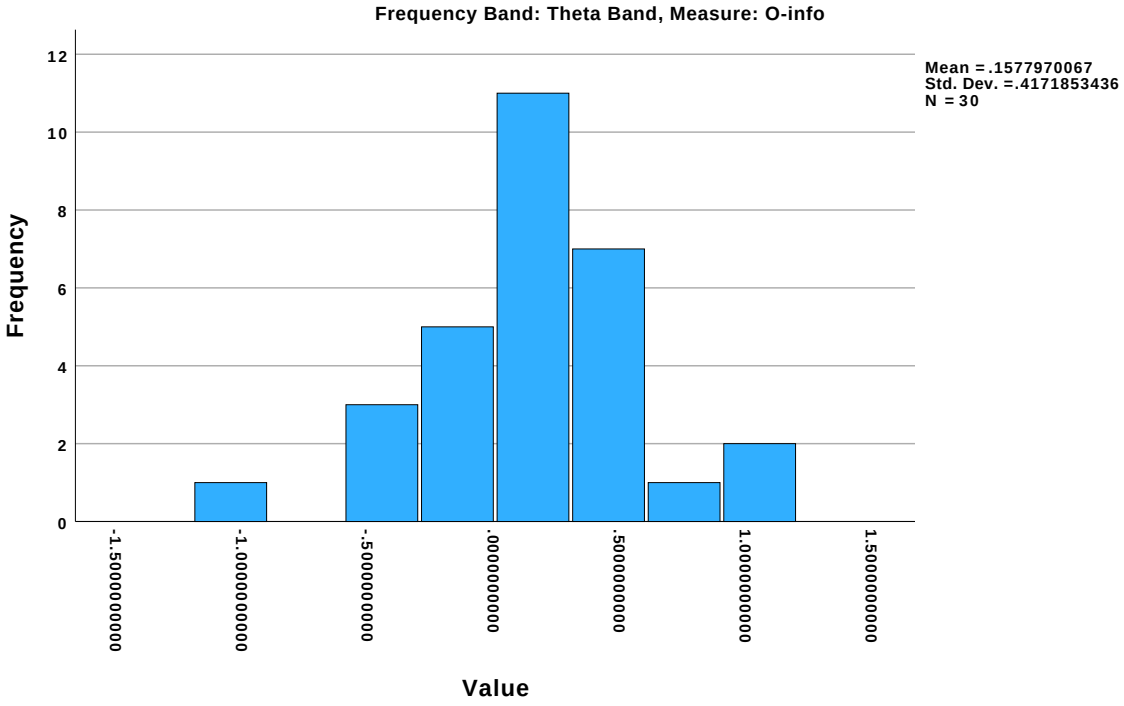
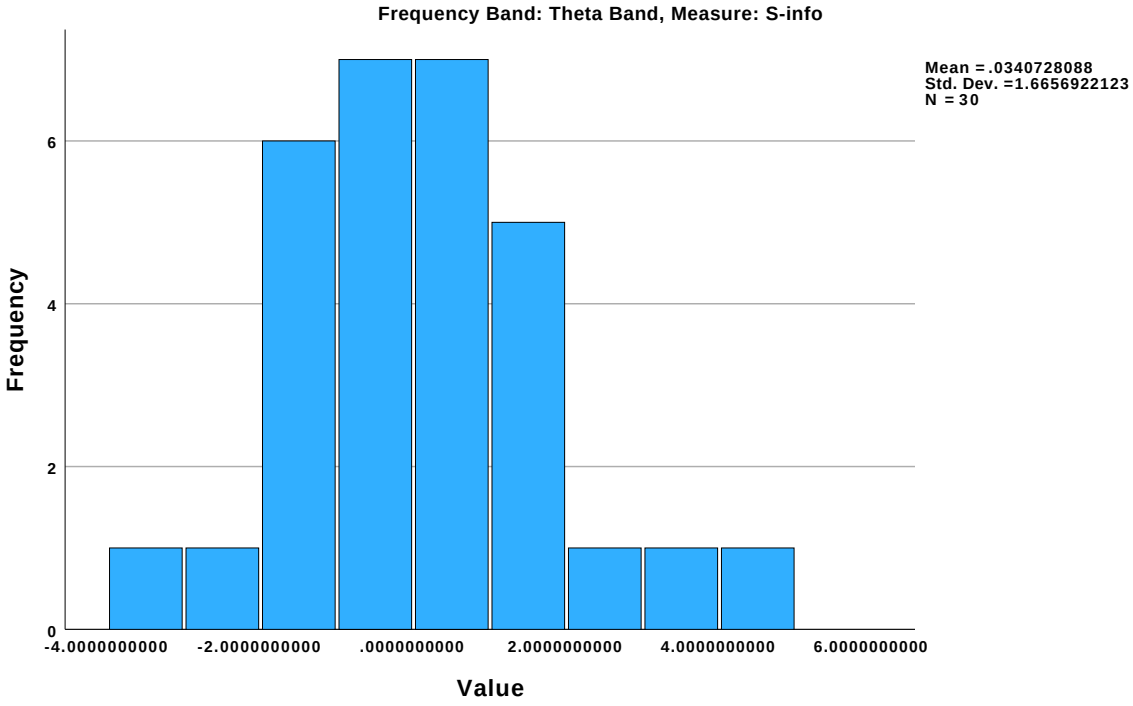
-.5000000000
.0000000000
.5000000000
1.0000000000
1.5000000000

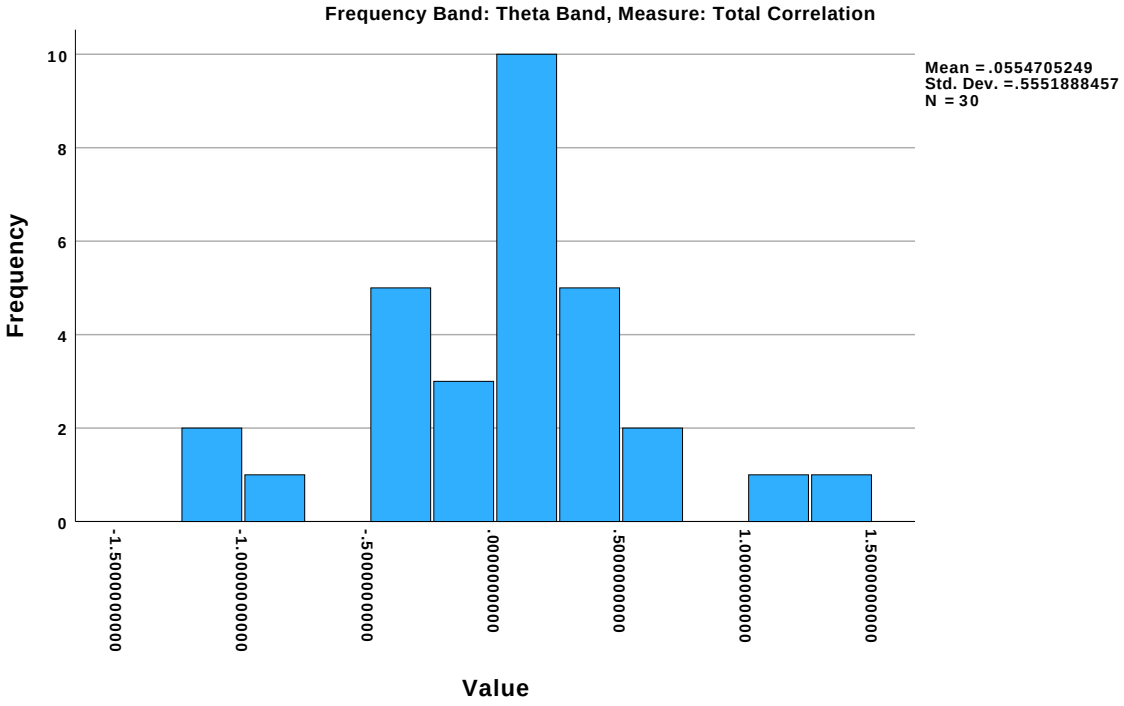

Frequency Band: Gamma Band, Measure: S-info
Mean = .0241556697
Std. Dev. =1.4120928637
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-6.0000000000
-4.0000000000
-2.0000000000
.0000000000
2.0000000000
4.0000000000
Value

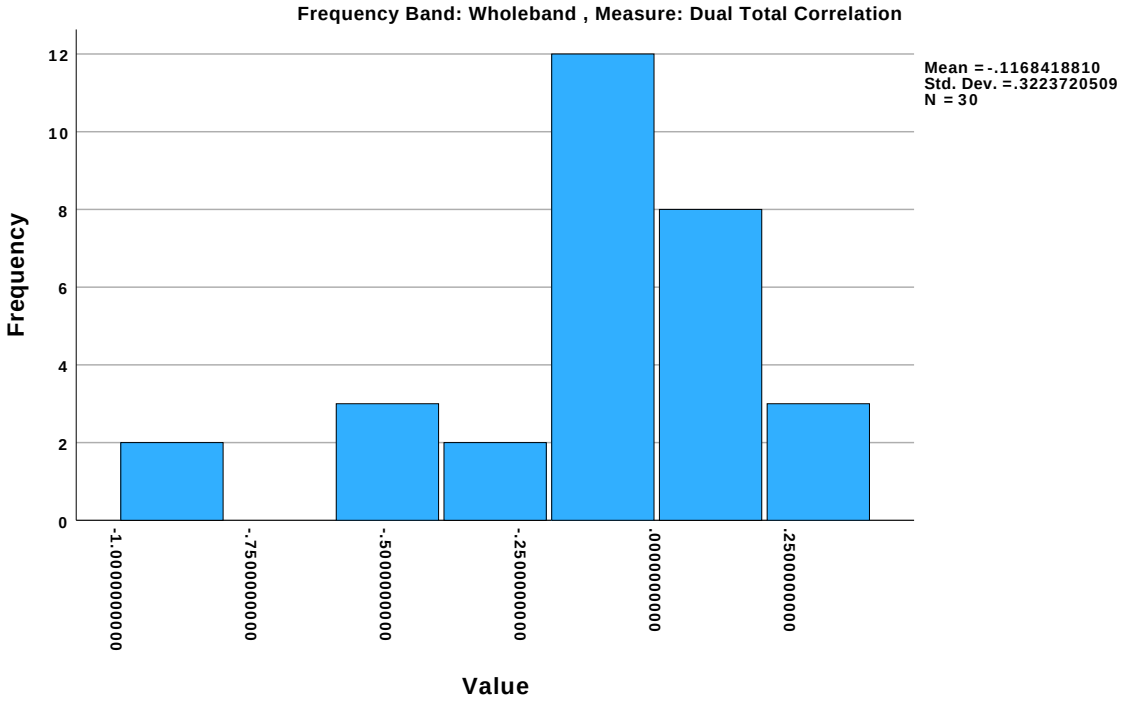

Frequency Band: Gamma Band, Measure: Total Correlation
Mean = .0499437756
Std. Dev. =.7615812957
N = 30
Frequency
10
8
6
4
2
0
-3.0000000000
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
Value

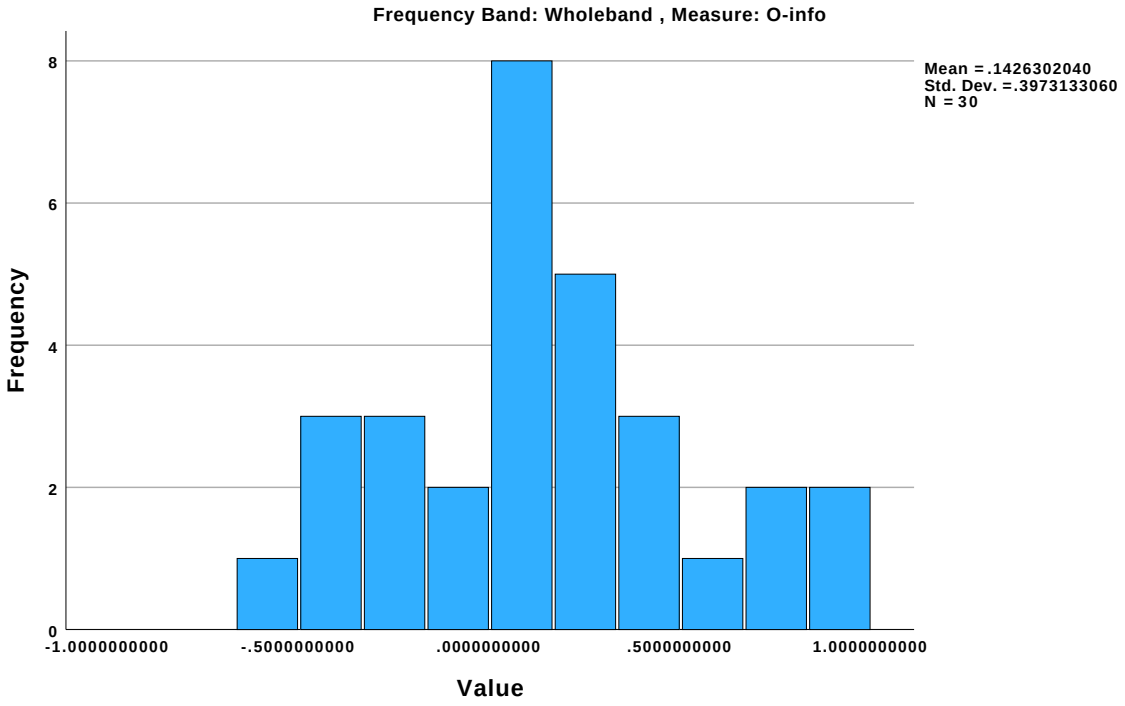

Frequency Band: Theta Band, Measure: Dual Total Correlation
Mean = -.1210973185
Std. Dev. =.3865747683
N = 30
Frequency
0
2
4
6
8
10
-1.5000000000
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
Value

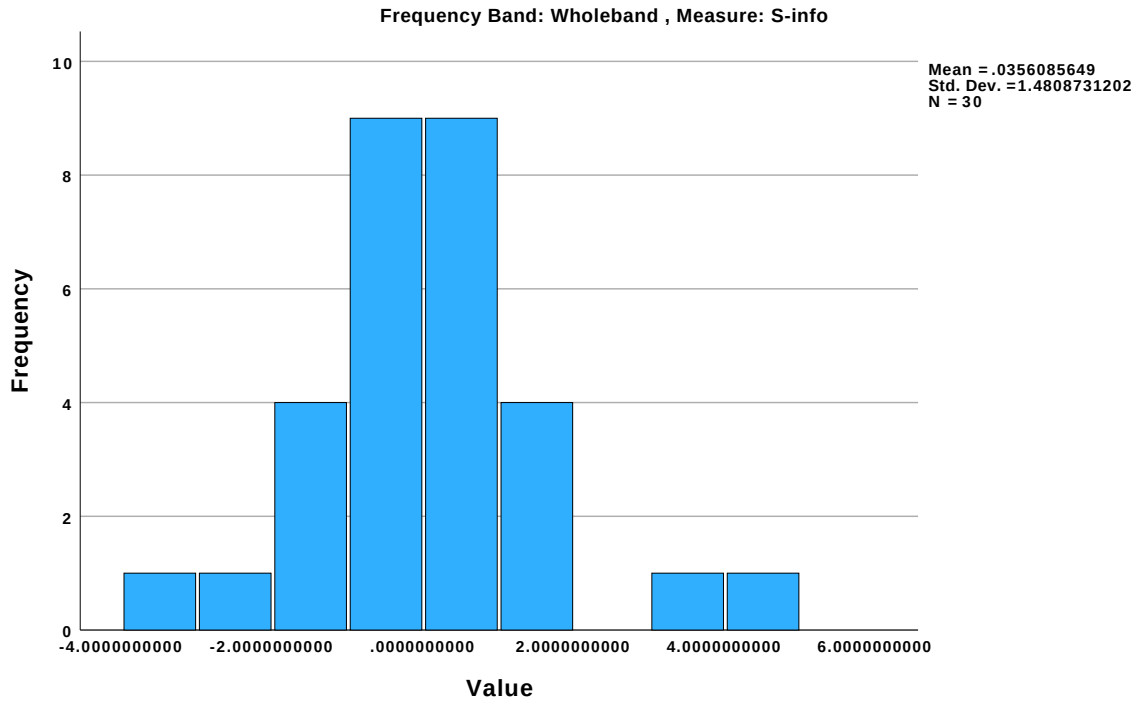

Frequency Band: Theta Band, Measure: O-info
Mean = .1577970067
Std. Dev. =.4171853436
N = 30
Frequency
0
2
4
6
8
10
12
-1.5000000000
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
1.5000000000
Value

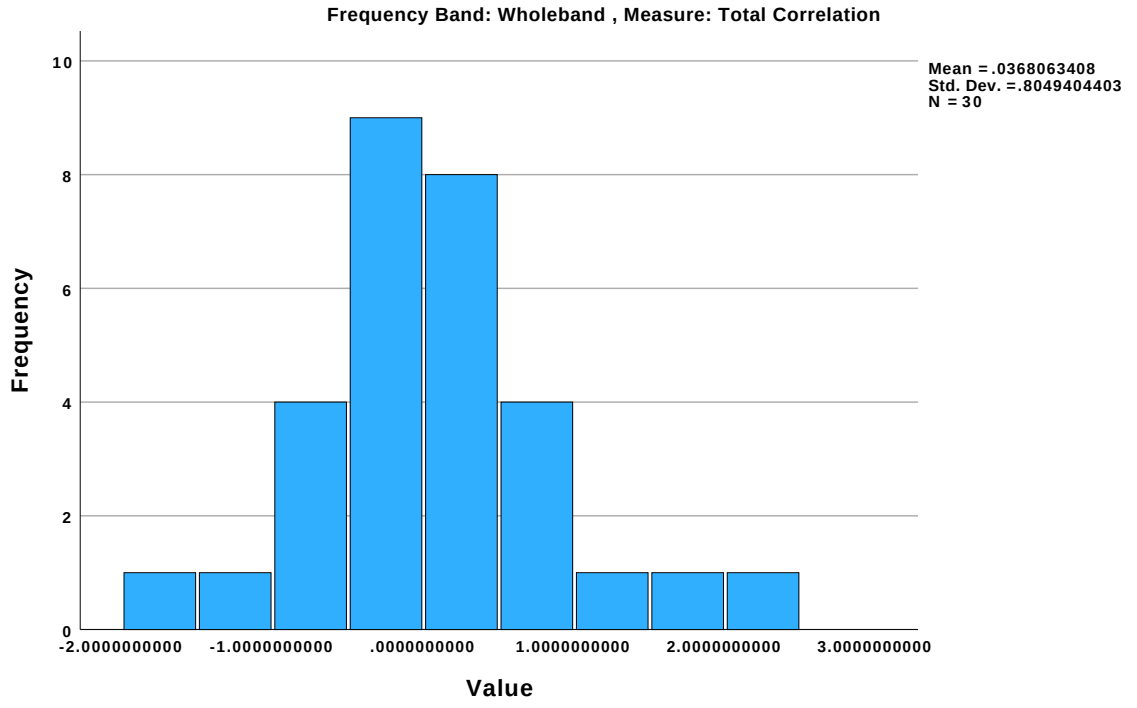

Frequency Band: Theta Band, Measure: S-info
Mean = .0340728088
Std. Dev. =1.6656922123
N = 30
Frequency
0
2
4
6
-4.0000000000
-2.0000000000
.0000000000
2.0000000000
4.0000000000
6.0000000000
Value


Frequency Band: Theta Band, Measure: Total Correlation
Mean = .0554705249
Std. Dev. =.5551888457
N = 30
Frequency
0
2
4
6
8
10
-1.5000000000
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
1.5000000000
Value


Frequency Band: Wholeband , Measure: Dual Total Correlation
Mean =-.1168418810
Std. Dev. =.3223720509
N = 30
Frequency
12
10
8
6
4
2
0
-1.0000000000
-.7500000000
-.5000000000
-.2500000000
.0000000000
.2500000000
Value


Frequency Band: Wholeband , Measure: O-info
Mean =.1426302040
Std. Dev. =.3973133060
N = 30
Frequency
8
6
4
2
0
-1.0000000000
-.5000000000
.0000000000
.5000000000
1.0000000000
Value


Frequency Band: Wholeband , Measure: S-info
Mean =.0356085649
Std. Dev. =1.4808731202
N = 30
Frequency
10
8
6
4
2
0
-4.0000000000
-2.0000000000
.0000000000
2.0000000000
4.0000000000
6.0000000000
Value


Frequency Band: Wholeband , Measure: Total Correlation
Mean =.0368063408
Std. Dev. =.8049404403
N = 30
Frequency
10
8
6
4
2
0
-2.0000000000
-1.0000000000
.0000000000
1.0000000000
2.0000000000
3.0000000000
Value

Explore

Notes

Output Created		14-OCT-2024 20:14:58
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/Features_1H_modified.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	Frequency Band, Measure
	N of Rows in Working Data File	720
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=value BY Group /PLOT=BOXPLOT /STATISTICS=NONE /NOTOTAL /ID=subject_id.
Resources	Processor Time	00:00:01.65
	Elapsed Time	00:00:01.00

Frequency Band = Alpha Band, Measure = Dual Total Correlation

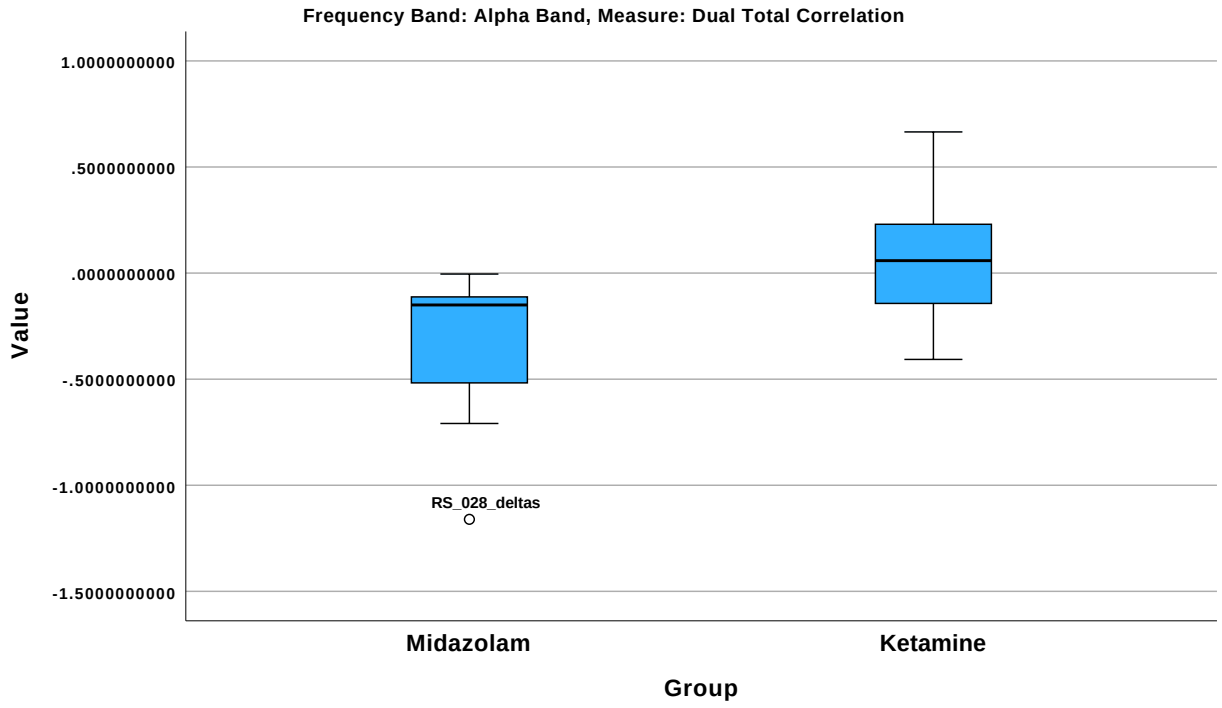
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Alpha Band, Measure = Dual Total Correlation

Value



Frequency Band = Alpha Band, Measure = O-info

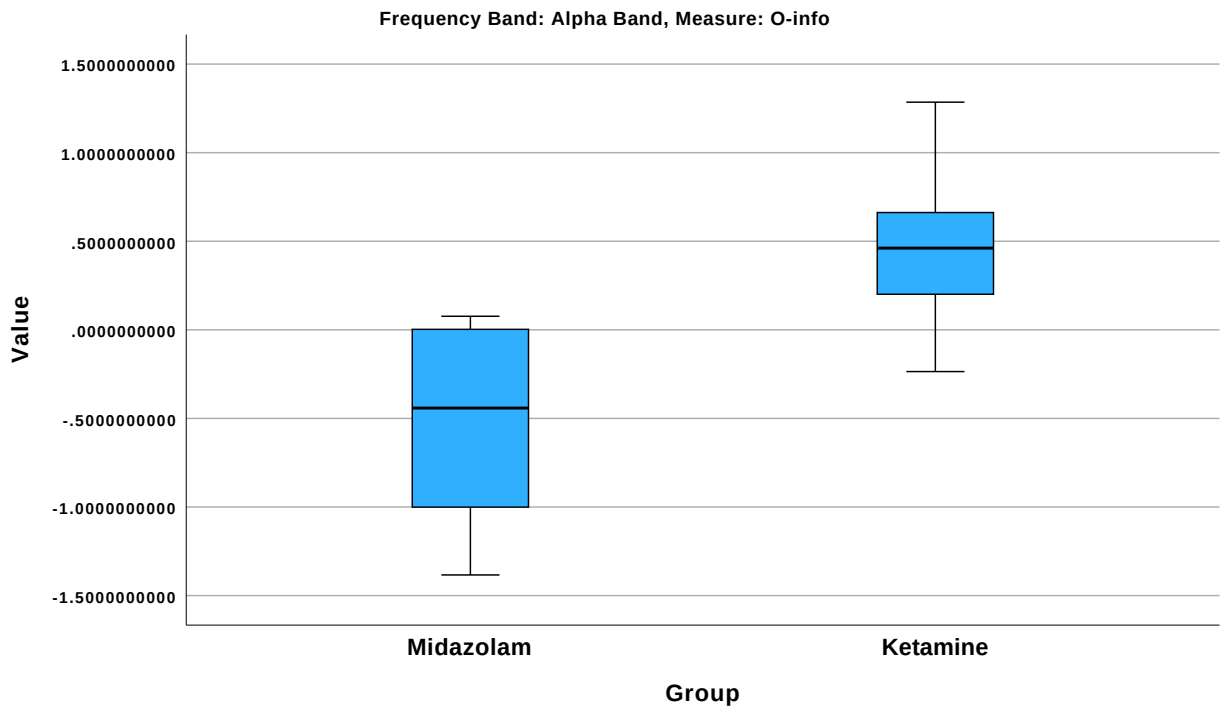
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Alpha Band, Measure = O-info

Value



Frequency Band = Alpha Band, Measure = S-info

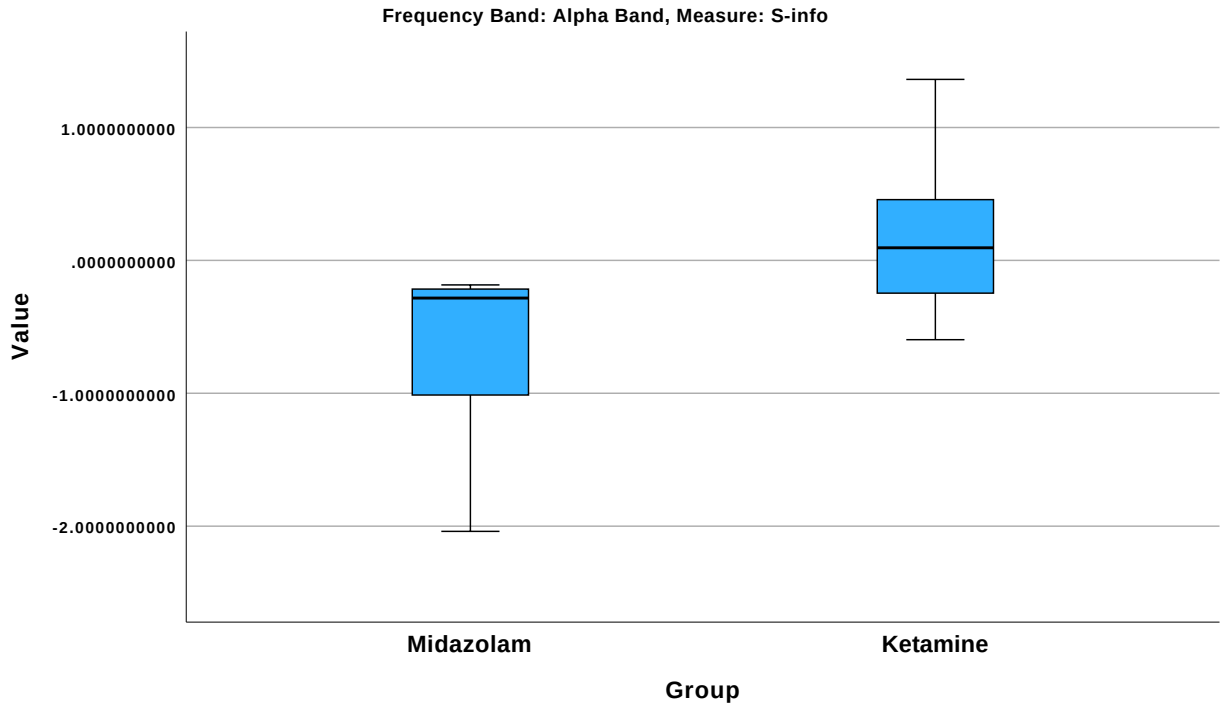
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Alpha Band, Measure = S-info

Value



Frequency Band = Alpha Band, Measure = Total Correlation

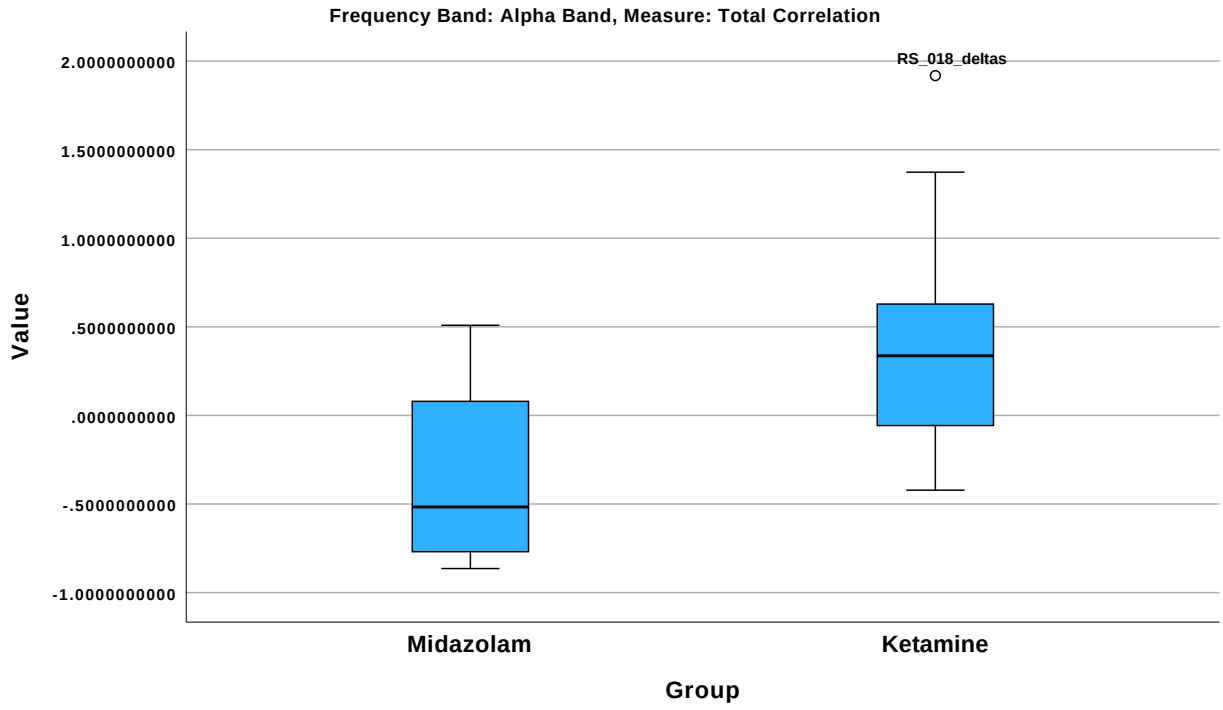
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Alpha Band, Measure = Total Correlation

Value



Frequency Band = Beta Band, Measure = Dual Total Correlation

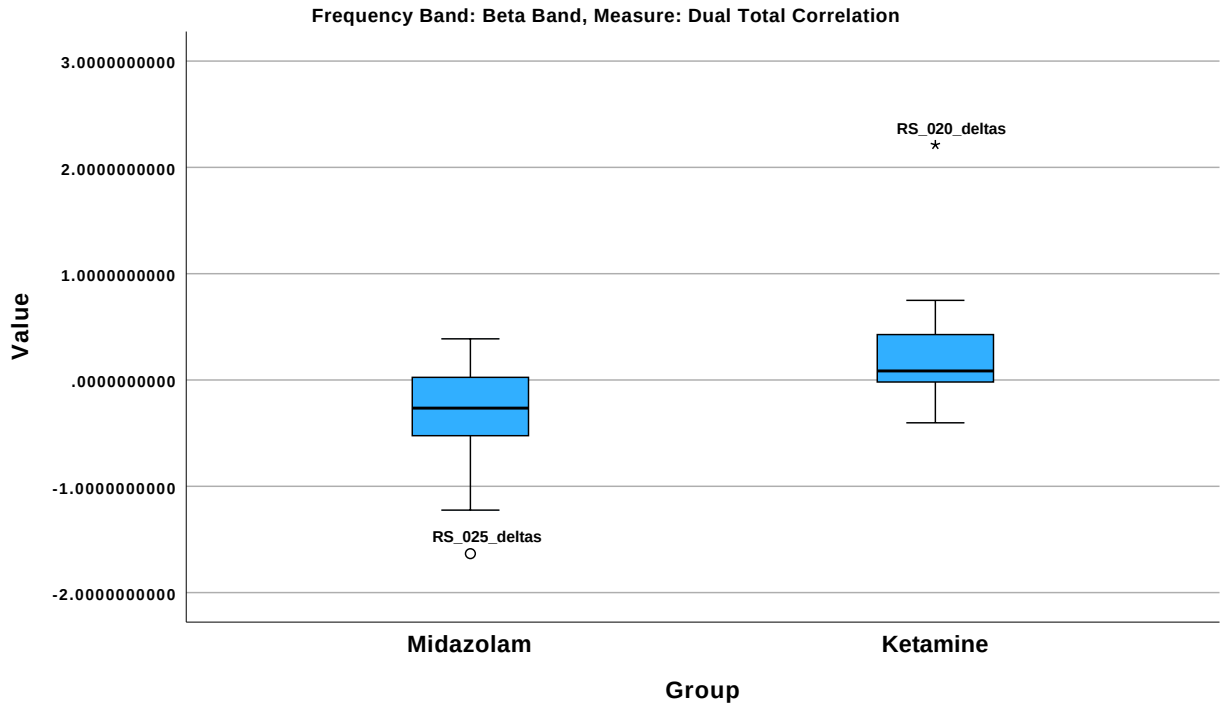
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Beta Band, Measure = Dual Total Correlation

Value



Frequency Band = Beta Band, Measure = O-info

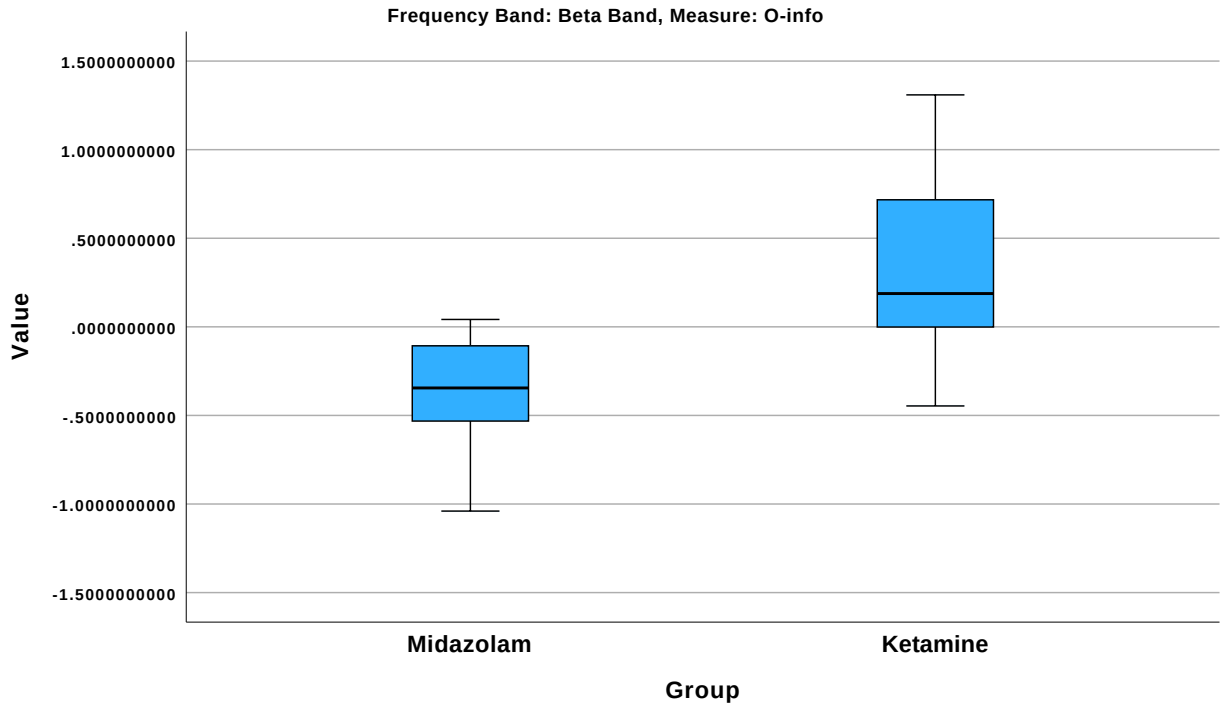
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Beta Band, Measure = O-info

Value



Frequency Band = Beta Band, Measure = S-info

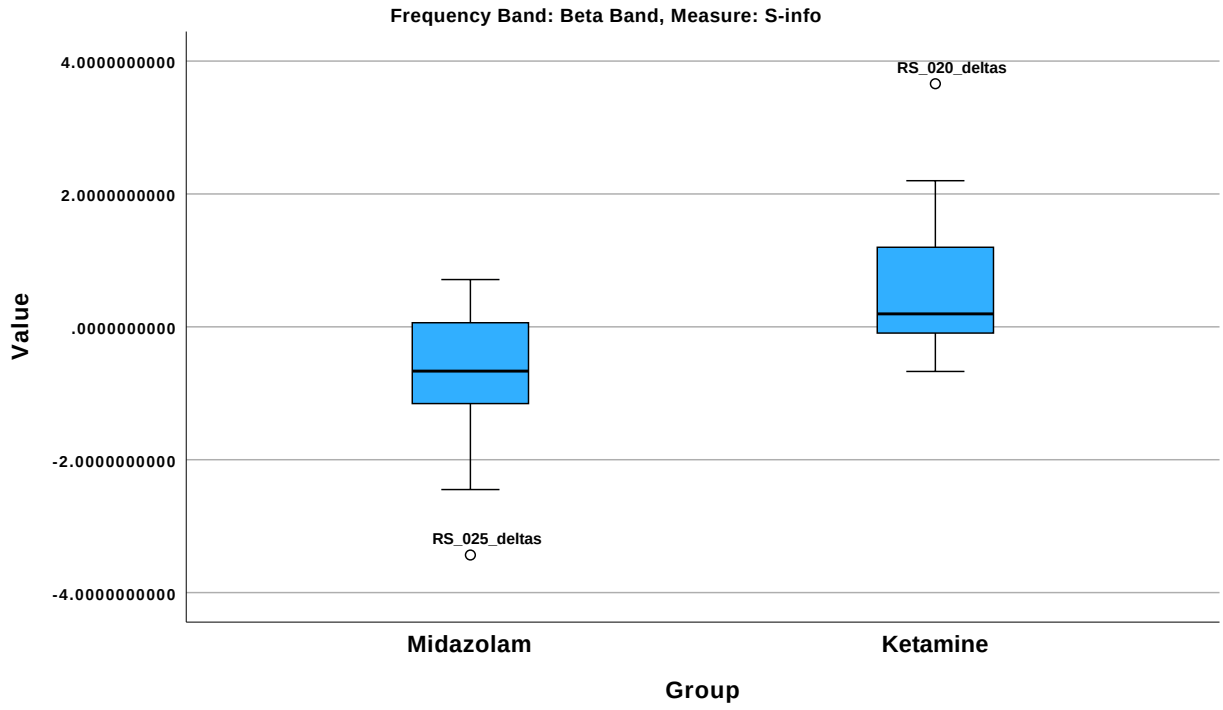
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Beta Band, Measure = S-info

Value



Frequency Band = Beta Band, Measure = Total Correlation

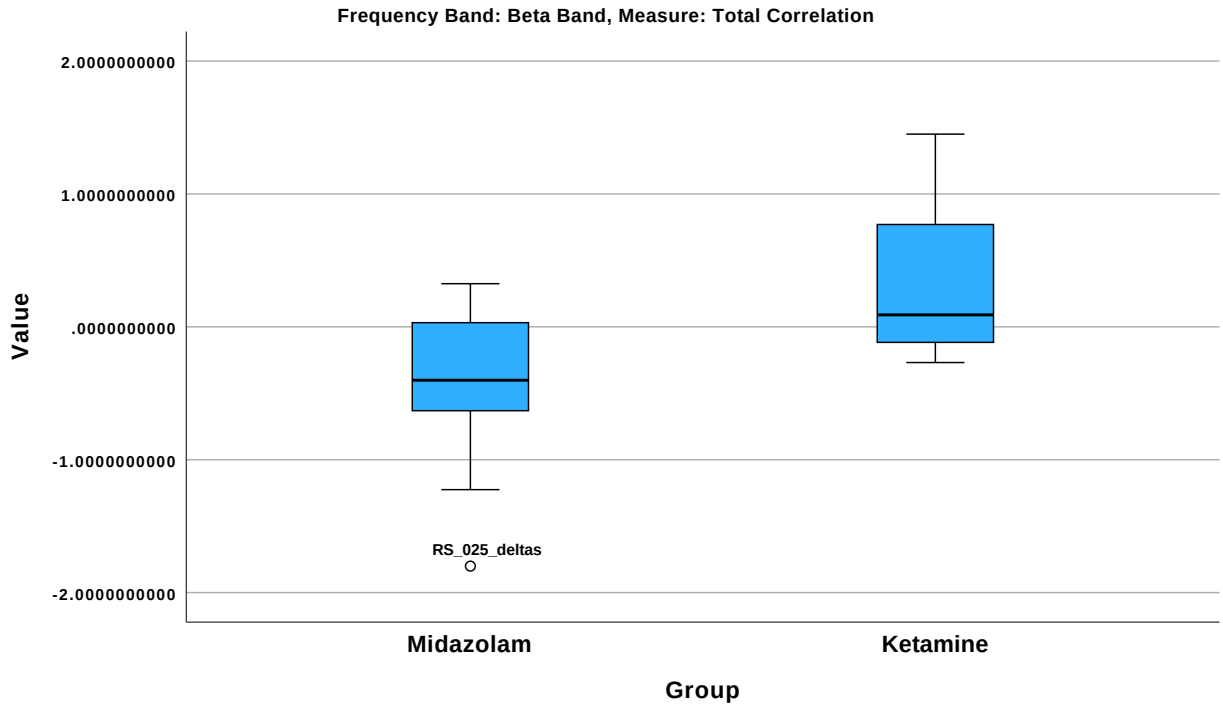
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Beta Band, Measure = Total Correlation

Value



Frequency Band = Delta Band, Measure = Dual Total Correlation

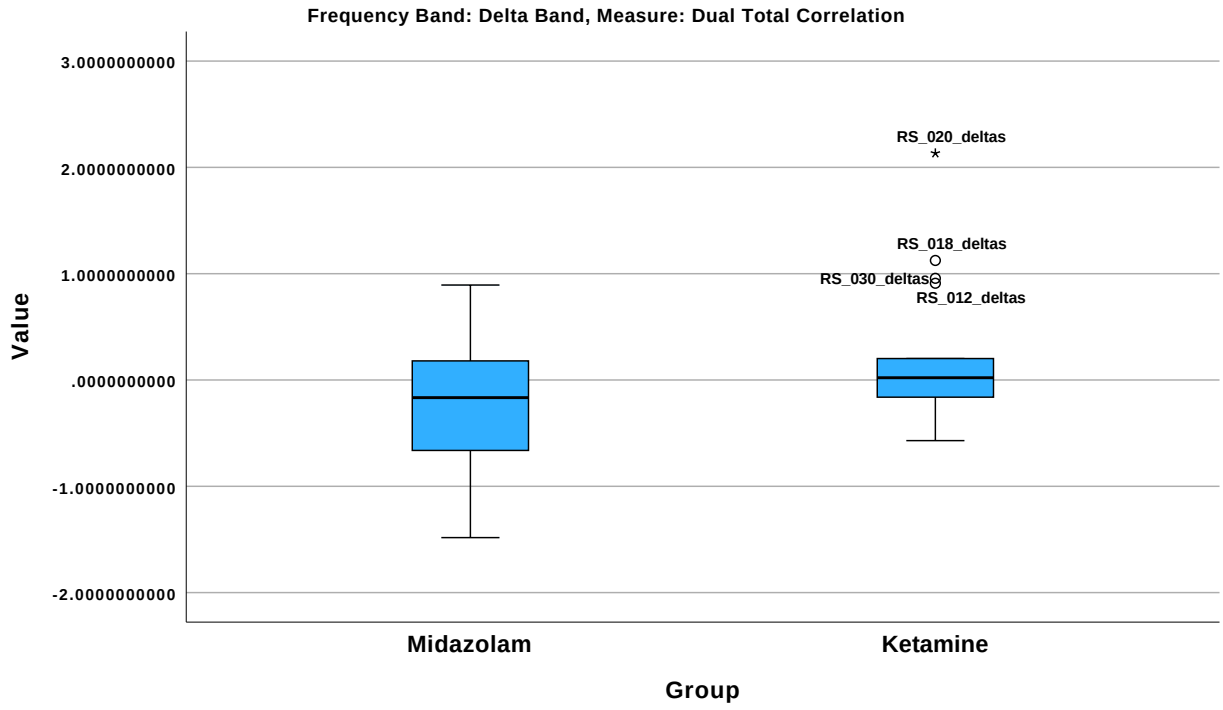
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Delta Band, Measure = Dual Total Correlation

Value



Frequency Band = Delta Band, Measure = O-info

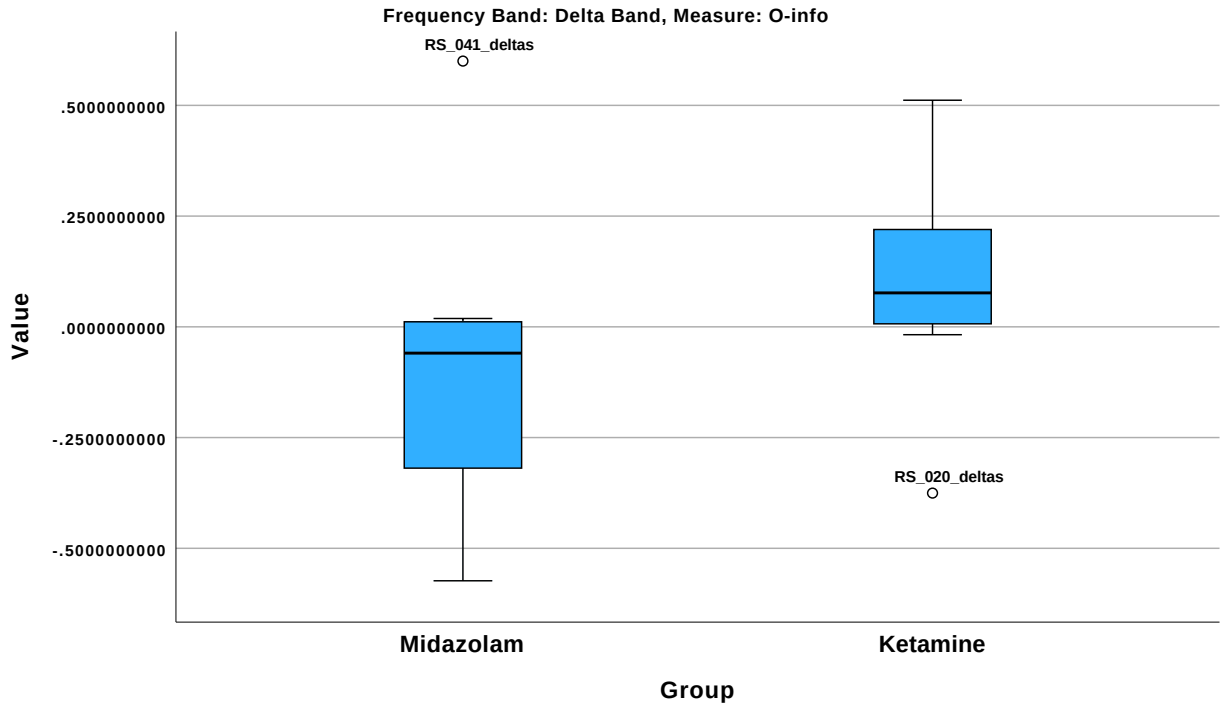
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Delta Band, Measure = O-info

Value



Frequency Band = Delta Band, Measure = S-info

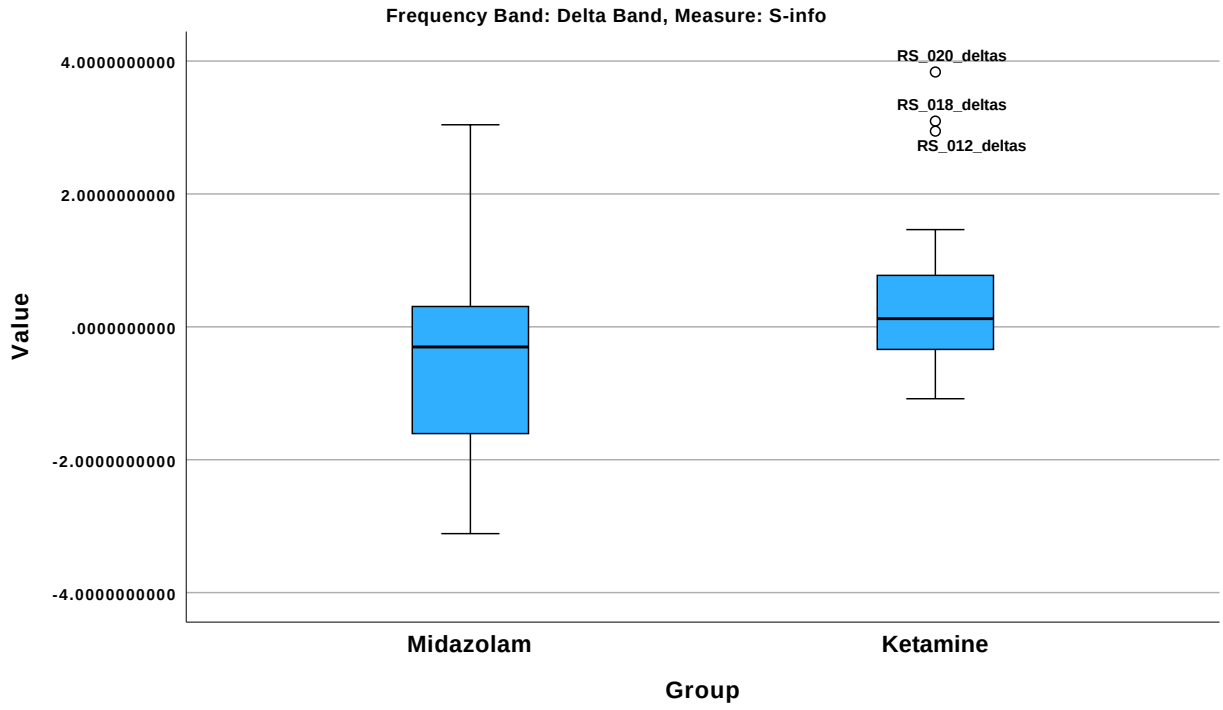
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Delta Band, Measure = S-info

Value



Frequency Band = Delta Band, Measure = Total Correlation

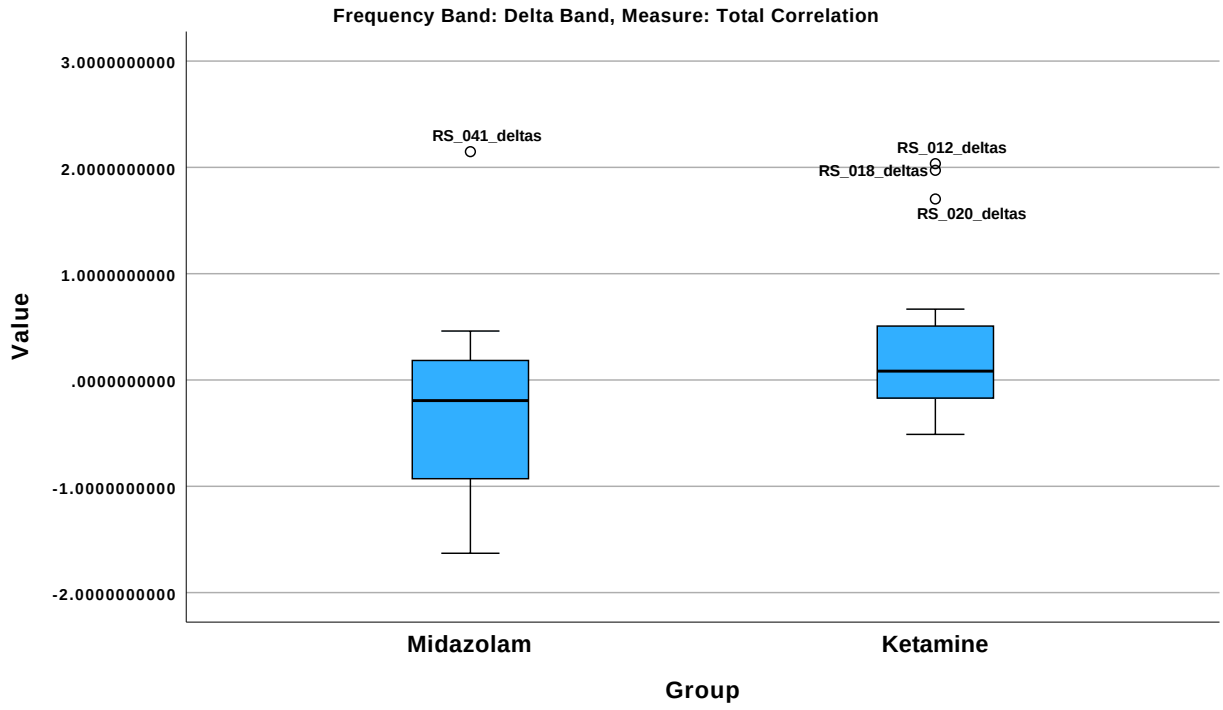
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Delta Band, Measure = Total Correlation

Value



Frequency Band = Gamma Band, Measure = Dual Total Correlation

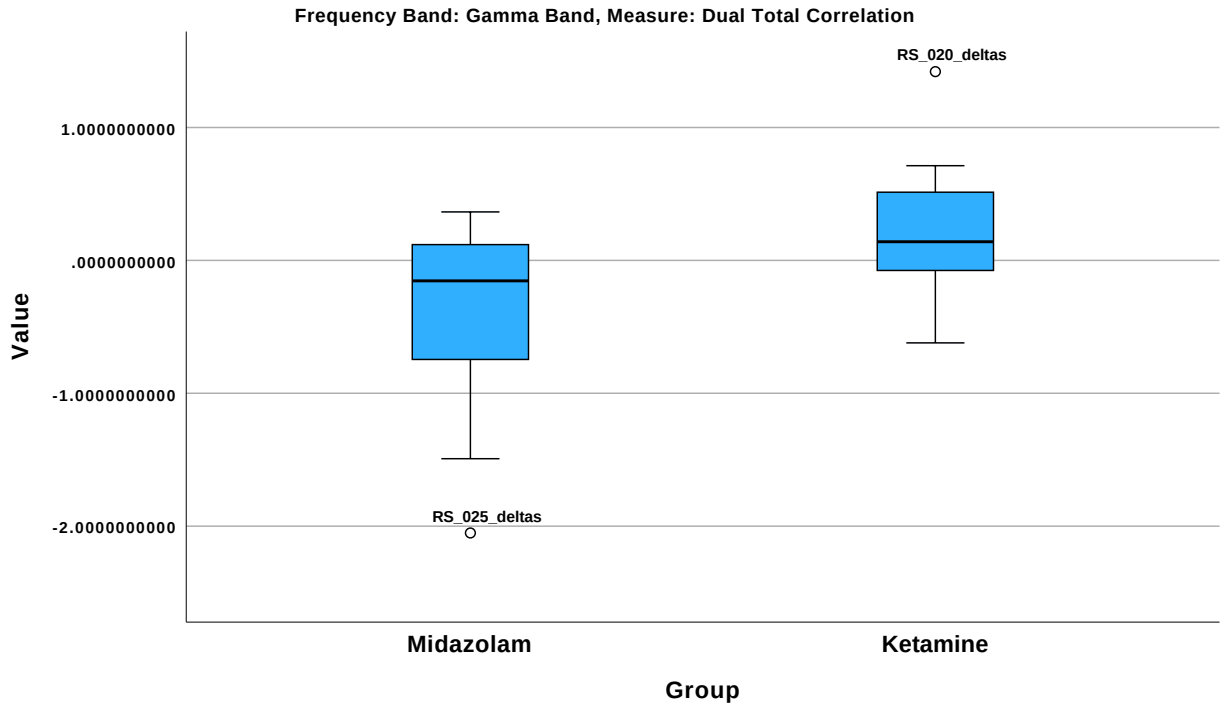
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Gamma Band, Measure = Dual Total Correlation

Value



Frequency Band = Gamma Band, Measure = O-info

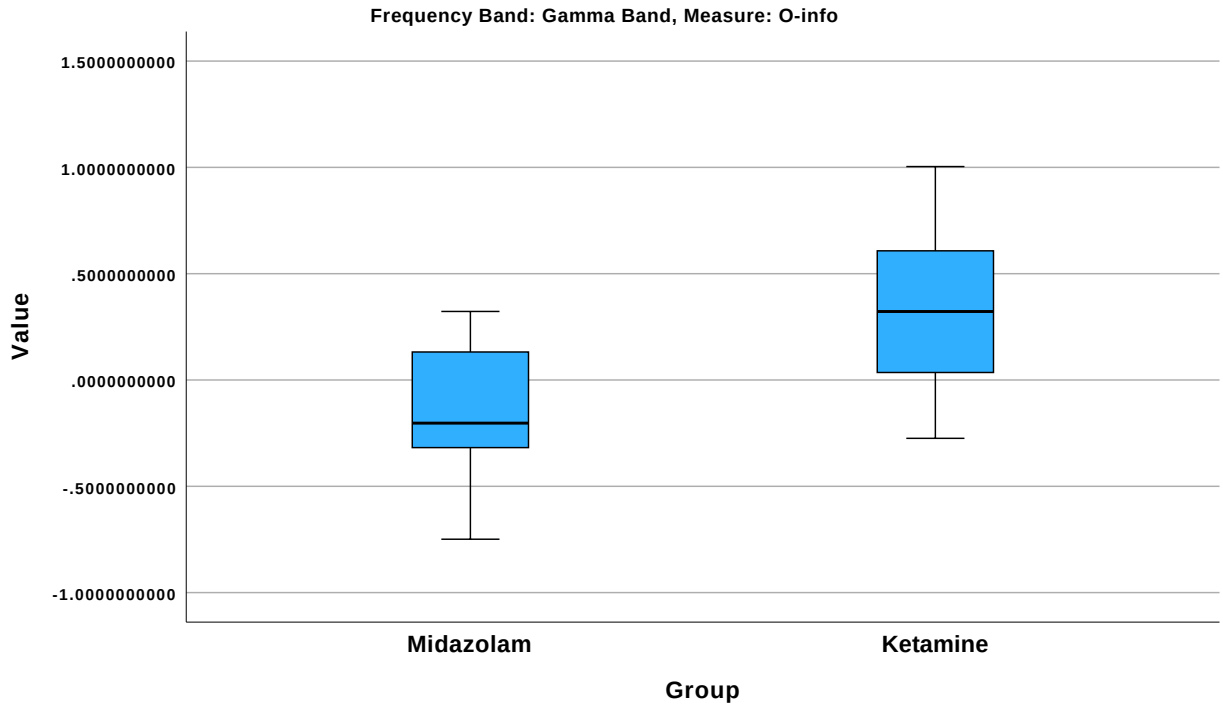
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Gamma Band, Measure = O-info

Value



Frequency Band = Gamma Band, Measure = S-info

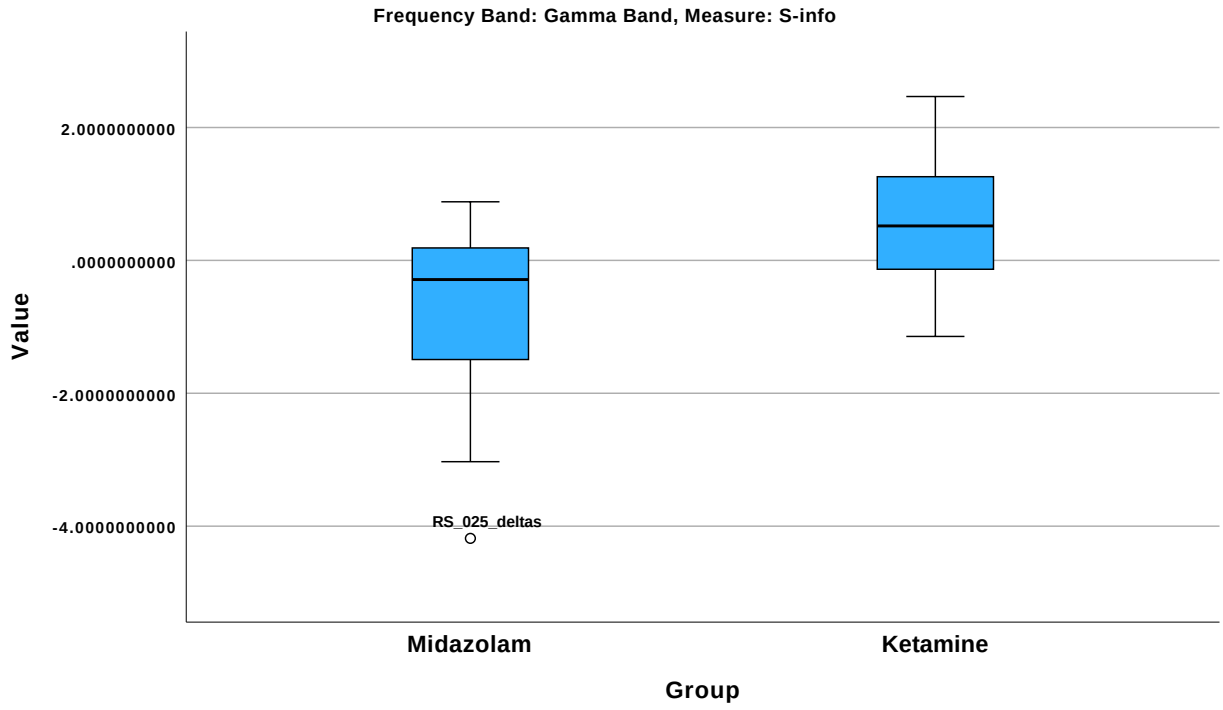
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Gamma Band, Measure = S-info

Value



Frequency Band = Gamma Band, Measure = Total Correlation

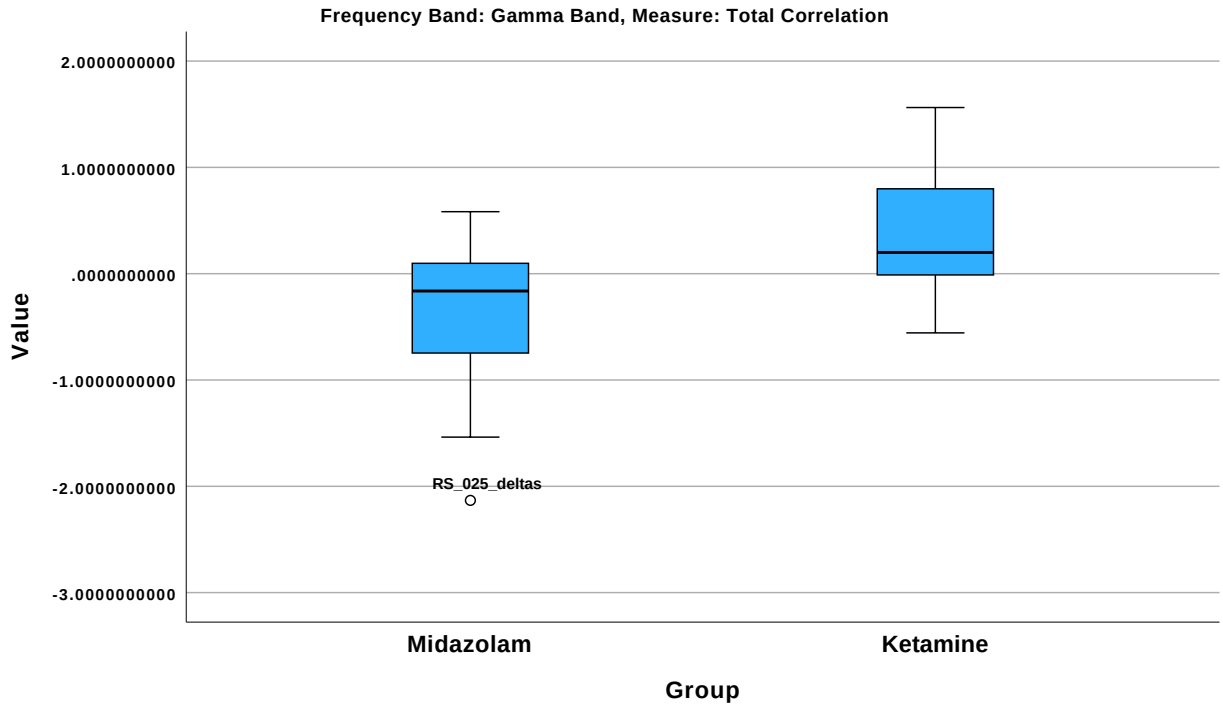
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Gamma Band, Measure = Total Correlation

Value



Frequency Band = Theta Band, Measure = Dual Total Correlation

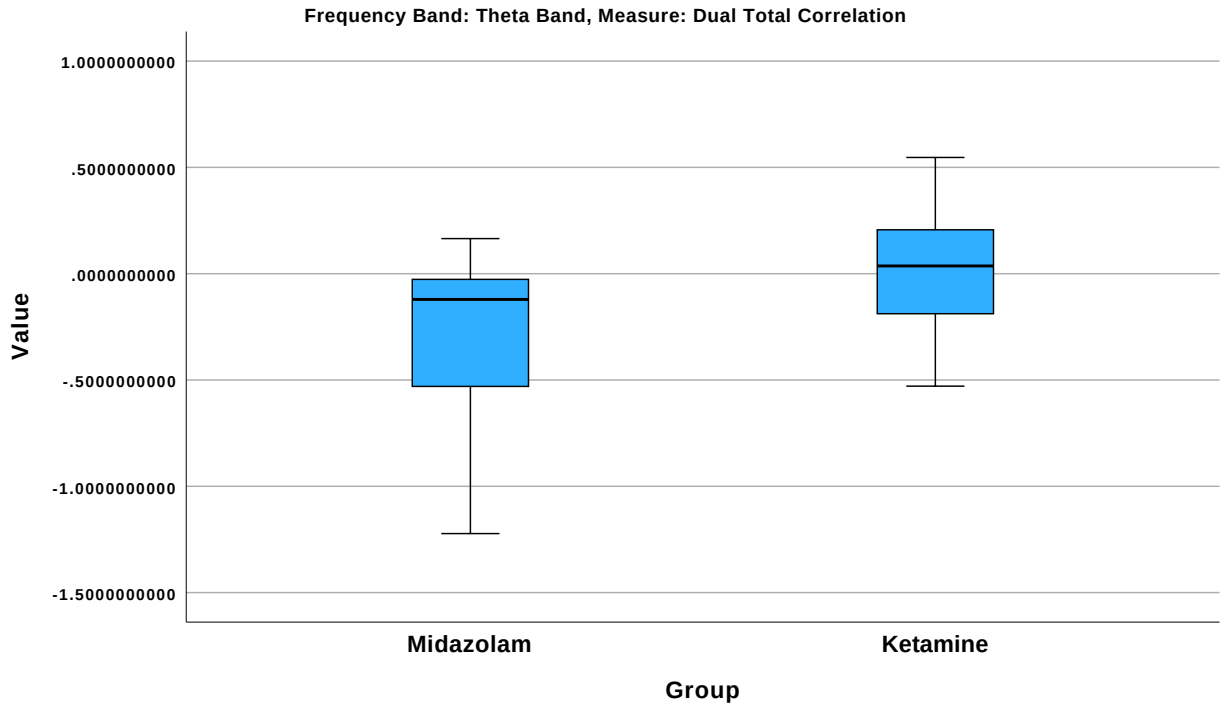
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Theta Band, Measure = Dual Total Correlation

Value



Frequency Band = Theta Band, Measure = O-info

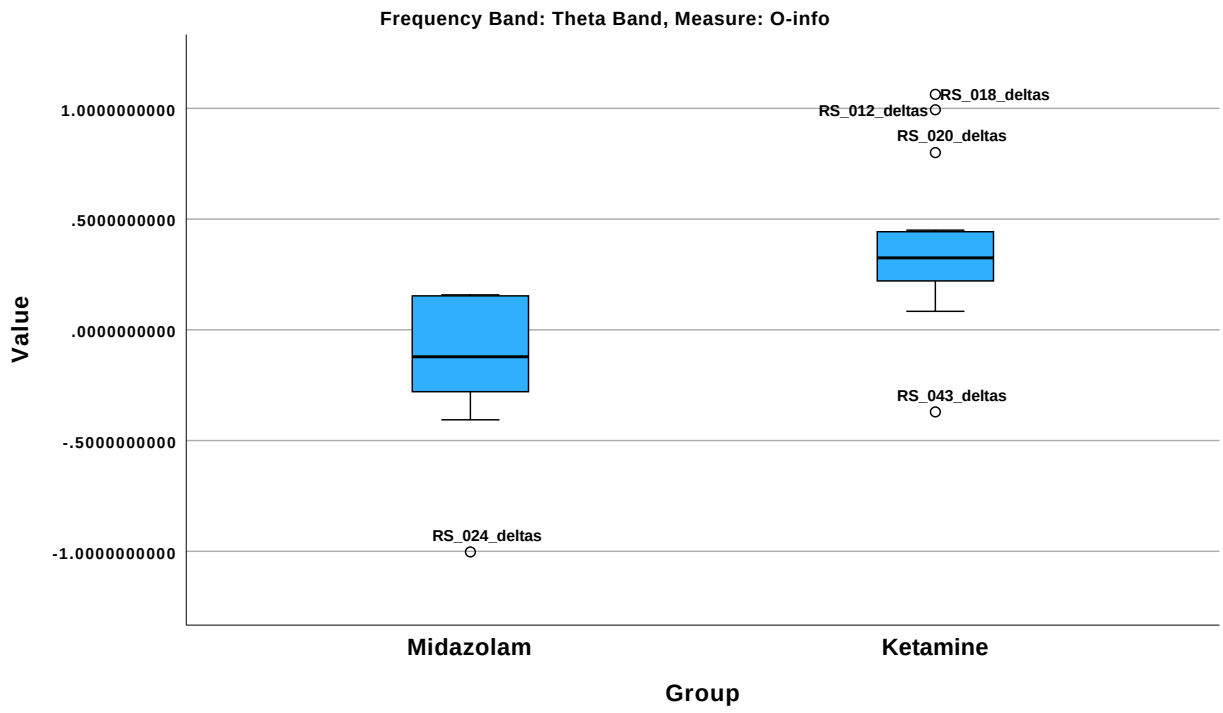
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Theta Band, Measure = O-info

Value



Frequency Band = Theta Band, Measure = S-info

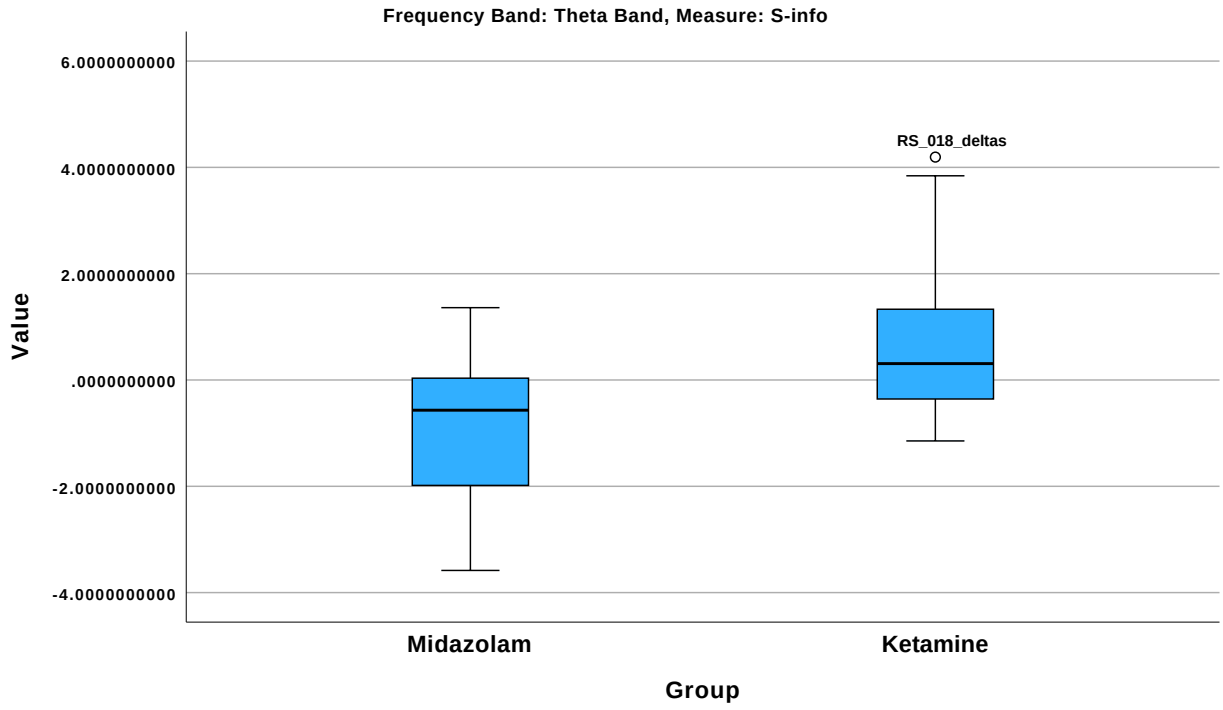
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Theta Band, Measure = S-info

Value



Frequency Band = Theta Band, Measure = Total Correlation

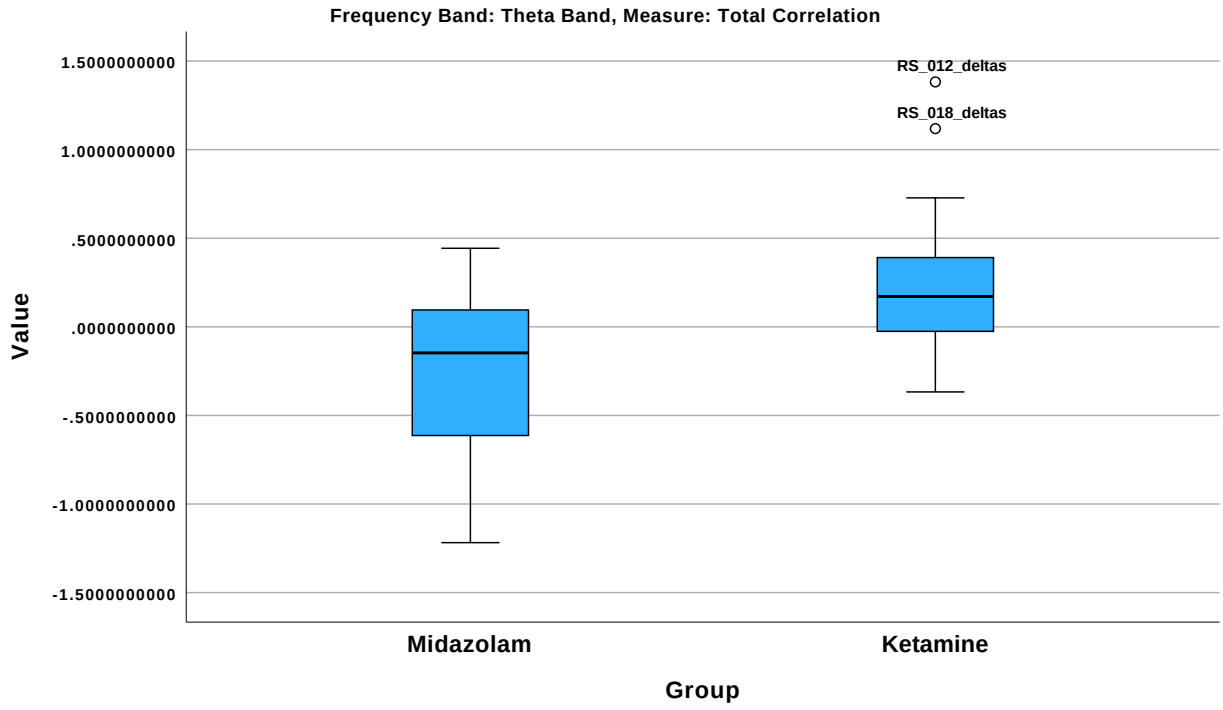
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Theta Band, Measure = Total Correlation

Value



Frequency Band = Wholeband , Measure = Dual Total Correlation

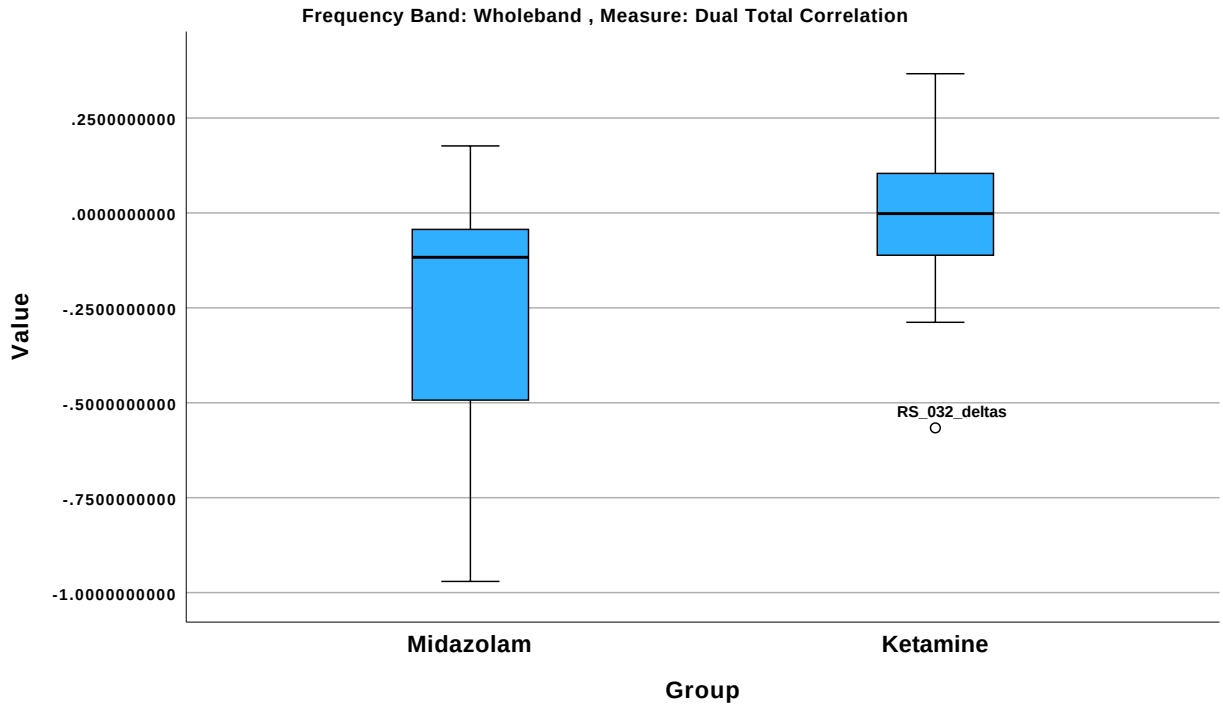
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Wholeband , Measure = Dual Total Correlation

Value



Frequency Band = Wholeband , Measure = O-info

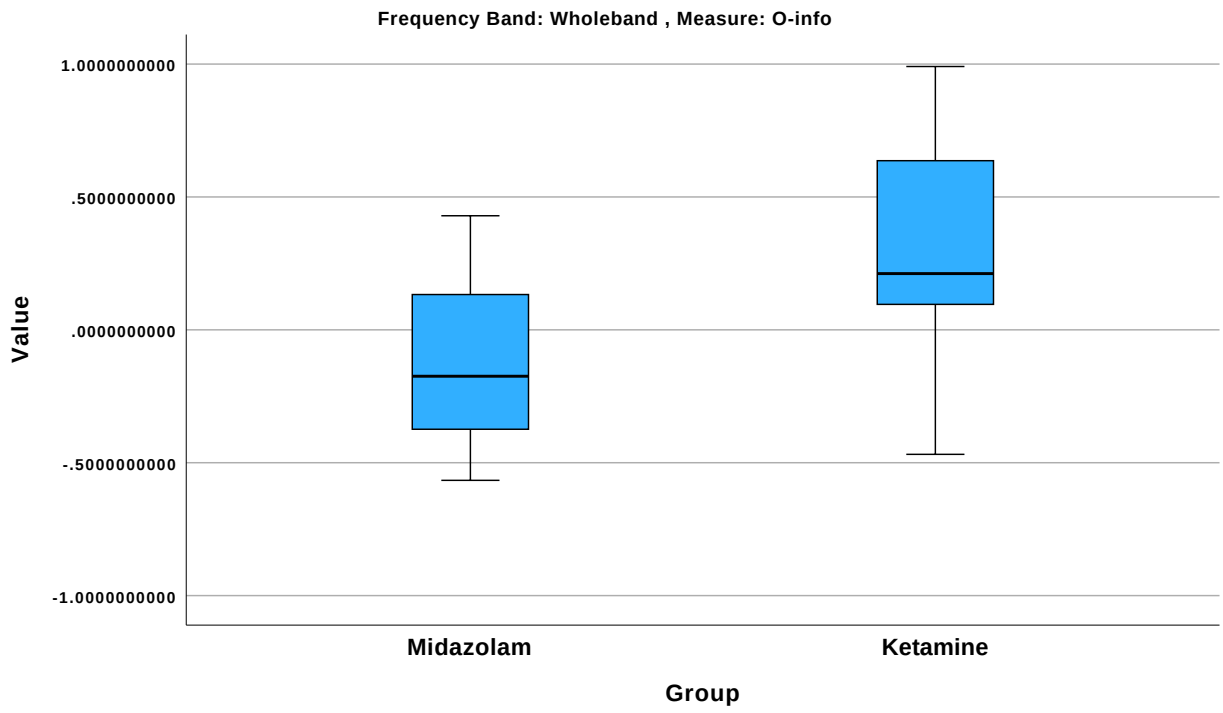
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Wholeband , Measure = O-info

Value



Frequency Band = Wholeband , Measure = S-info

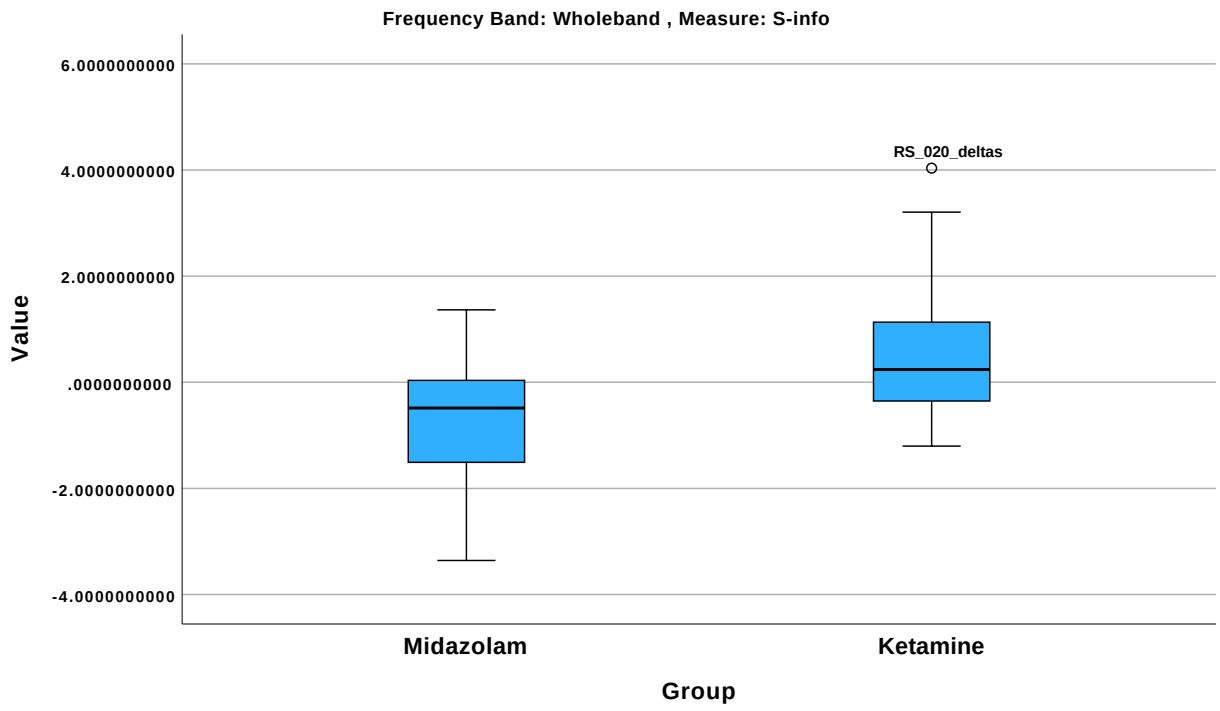
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Wholeband , Measure = S-info

Value



Frequency Band = Wholeband , Measure = Total Correlation

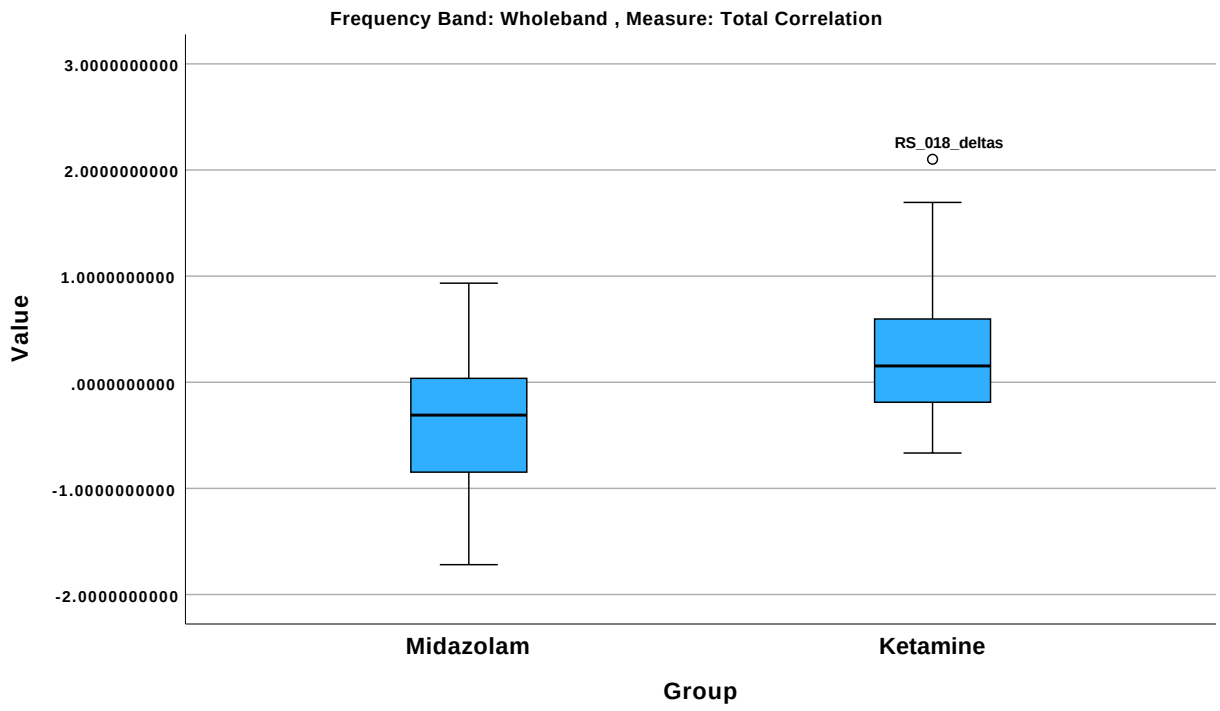
Group

Case Processing Summary[a]

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Value	Midazolam	12	100.0%	0	0.0%	12	100.0%
	Ketamine	18	100.0%	0	0.0%	18	100.0%

a. Frequency Band = Wholeband , Measure = Total Correlation

Value


Frequency Band: Wholeband , Measure: Total Correlation
3.0000000000
2.0000000000
1.0000000000
.0000000000
-1.0000000000
-2.0000000000
Value
RS_018_deltas
Midazolam
Ketamine
Group