NPar Tests

Notes

Output Created		15-OCT-2024 10:29:12
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/First Round Data SPSS Day7.sav
	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) /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.

[DataSet2] /Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/First Round Data SPSS Day7.sav

frequency_band = Alpha Band, measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.96	131.50
	Ketamine	18	18.53	333.50
	Total	30		

a. frequency_band = Alpha Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	53.500
Wilcoxon W	131.500
Z	-2.316
Asymp. Sig. (2-tailed)	.021
Exact Sig. [2*(1-tailed Sig.)]	.019[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.21	134.50
	Ketamine	18	18.36	330.50
	Total	30		

a. frequency_band = Alpha Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	56.500
Wilcoxon W	134.500
Z	-2.189
Asymp. Sig. (2-tailed)	.029
Exact Sig. [2*(1-tailed Sig.)]	.028[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.46	137.50
	Ketamine	18	18.19	327.50
	Total	30		

a. frequency_band = Alpha Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	59.500
Wilcoxon W	137.500
Z	-2.061
Asymp. Sig. (2-tailed)	.039
Exact Sig. [2*(1-tailed Sig.)]	.039[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.88	130.50
	Ketamine	18	18.58	334.50
	Total	30		

a. frequency_band = Alpha Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	52.500
Wilcoxon W	130.500
Z	-2.359
Asymp. Sig. (2-tailed)	.018
Exact Sig. [2*(1-tailed Sig.)]	.017[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	9.96	119.50
	Ketamine	18	19.19	345.50
	Total	30		

a. frequency_band = Beta Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	41.500
Wilcoxon W	119.500
Z	-2.826
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.004[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.54	126.50
	Ketamine	18	18.81	338.50
	Total	30		

a. frequency_band = Beta Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	48.500
Wilcoxon W	126.500
Z	-2.529
Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.010[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.88	130.50
	Ketamine	18	18.58	334.50
	Total	30		

a. frequency_band = Beta Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	52.500
Wilcoxon W	130.500
Z	-2.359
Asymp. Sig. (2-tailed)	.018
Exact Sig. [2*(1-tailed Sig.)]	.017[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.63	127.50
	Ketamine	18	18.75	337.50
	Total	30		

a. frequency_band = Beta Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	49.500
Wilcoxon W	127.500
Z	-2.486
Asymp. Sig. (2-tailed)	.013
Exact Sig. [2*(1-tailed Sig.)]	.012[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.63	127.50
	Ketamine	18	18.75	337.50
	Total	30		

a. frequency_band = Delta Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	49.500
Wilcoxon W	127.500
Z	-2.486
Asymp. Sig. (2-tailed)	.013
Exact Sig. [2*(1-tailed Sig.)]	.012[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.88	130.50
	Ketamine	18	18.58	334.50
	Total	30		

a. frequency_band = Delta Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	52.500
Wilcoxon W	130.500
Z	-2.359
Asymp. Sig. (2-tailed)	.018
Exact Sig. [2*(1-tailed Sig.)]	.017[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.79	129.50
	Ketamine	18	18.64	335.50
	Total	30		

a. frequency_band = Delta Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	51.500
Wilcoxon W	129.500
Z	-2.401
Asymp. Sig. (2-tailed)	.016
Exact Sig. [2*(1-tailed Sig.)]	.015[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.04	132.50
	Ketamine	18	18.47	332.50
	Total	30		

a. frequency_band = Delta Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	54.500
Wilcoxon W	132.500
Z	-2.274
Asymp. Sig. (2-tailed)	.023
Exact Sig. [2*(1-tailed Sig.)]	.022[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.71	140.50
	Ketamine	18	18.03	324.50
	Total	30		

a. frequency_band = Gamma Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	62.500
Wilcoxon W	140.500
Z	-1.934
Asymp. Sig. (2-tailed)	.053
Exact Sig. [2*(1-tailed Sig.)]	.053[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.13	133.50
	Ketamine	18	18.42	331.50
	Total	30		

a. frequency_band = Gamma Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	55.500
Wilcoxon W	133.500
Z	-2.231
Asymp. Sig. (2-tailed)	.026
Exact Sig. [2*(1-tailed Sig.)]	.025[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.38	124.50
	Ketamine	18	18.92	340.50
	Total	30		

a. frequency_band = Gamma Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	46.500
Wilcoxon W	124.500
Z	-2.614
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.29	123.50
	Ketamine	18	18.97	341.50
	Total	30		

a. frequency_band = Gamma Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	45.500
Wilcoxon W	123.500
Z	-2.656
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.007[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.54	126.50
	Ketamine	18	18.81	338.50
	Total	30		

a. frequency_band = Theta Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	48.500
Wilcoxon W	126.500
Z	-2.529
Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.010[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.13	133.50
	Ketamine	18	18.42	331.50
	Total	30		

a. frequency_band = Theta Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	55.500
Wilcoxon W	133.500
Z	-2.231
Asymp. Sig. (2-tailed)	.026
Exact Sig. [2*(1-tailed Sig.)]	.025[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.21	134.50
	Ketamine	18	18.36	330.50
	Total	30		

a. frequency_band = Theta Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	56.500
Wilcoxon W	134.500
Z	-2.189
Asymp. Sig. (2-tailed)	.029
Exact Sig. [2*(1-tailed Sig.)]	.028[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

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.96	131.50
	Ketamine	18	18.53	333.50
	Total	30		

a. frequency_band = Theta Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	53.500
Wilcoxon W	131.500
Z	-2.316
Asymp. Sig. (2-tailed)	.021
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 = Whole Band, measure = Dual Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.21	122.50
	Ketamine	18	19.03	342.50
	Total	30		

a. frequency_band = Whole Band, measure = Dual Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	44.500
Wilcoxon W	122.500
Z	-2.699
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.006[c]

a. frequency_band = Whole Band, measure = Dual Total …

b. Grouping Variable: Group

c. Not corrected for ties.

frequency_band = Whole Band, measure = O-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.79	129.50
	Ketamine	18	18.64	335.50
	Total	30		

a. frequency_band = Whole Band, measure = O-info

Test Statistics[a,b]

	value
Mann-Whitney U	51.500
Wilcoxon W	129.500
Z	-2.401
Asymp. Sig. (2-tailed)	.016
Exact Sig. [2*(1-tailed Sig.)]	.015[c]

a. frequency_band = Whole Band, measure = O-info

b. Grouping Variable: Group

c. Not corrected for ties.

frequency_band = Whole Band, measure = S-info

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	10.63	127.50
	Ketamine	18	18.75	337.50
	Total	30		

a. frequency_band = Whole Band, measure = S-info

Test Statistics[a,b]

	value
Mann-Whitney U	49.500
Wilcoxon W	127.500
Z	-2.486
Asymp. Sig. (2-tailed)	.013
Exact Sig. [2*(1-tailed Sig.)]	.012[c]

a. frequency_band = Whole Band, measure = S-info

b. Grouping Variable: Group

c. Not corrected for ties.

frequency_band = Whole Band, measure = Total Correlation

Mann-Whitney Test

Ranks[a]

	Group	N	Mean Rank	Sum of Ranks
value	Midazolam	12	11.88	142.50
	Ketamine	18	17.92	322.50
	Total	30		

a. frequency_band = Whole Band, measure = Total Correlation

Test Statistics[a,b]

	value
Mann-Whitney U	64.500
Wilcoxon W	142.500
Z	-1.849
Asymp. Sig. (2-tailed)	.064
Exact Sig. [2*(1-tailed Sig.)]	.065[c]

a. frequency_band = Whole Band, measure = Total Correlation

b. Grouping Variable: Group

c. Not corrected for ties.

Explore

Notes

Output Created		15-OCT-2024 10:29:38
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/First Round Data SPSS Day7.sav
	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	00:00:04.33
	Elapsed Time	00:00:03.00

frequency_band = Alpha Band, measure = Dual Total Correlation

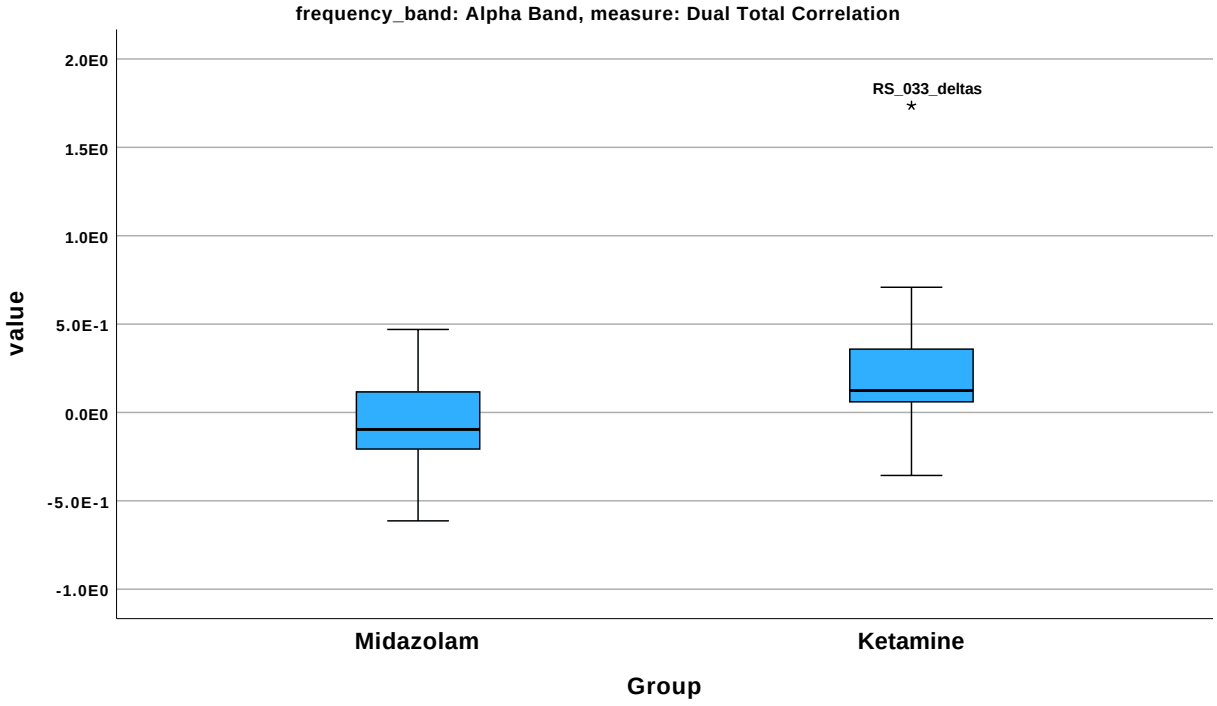
Group

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

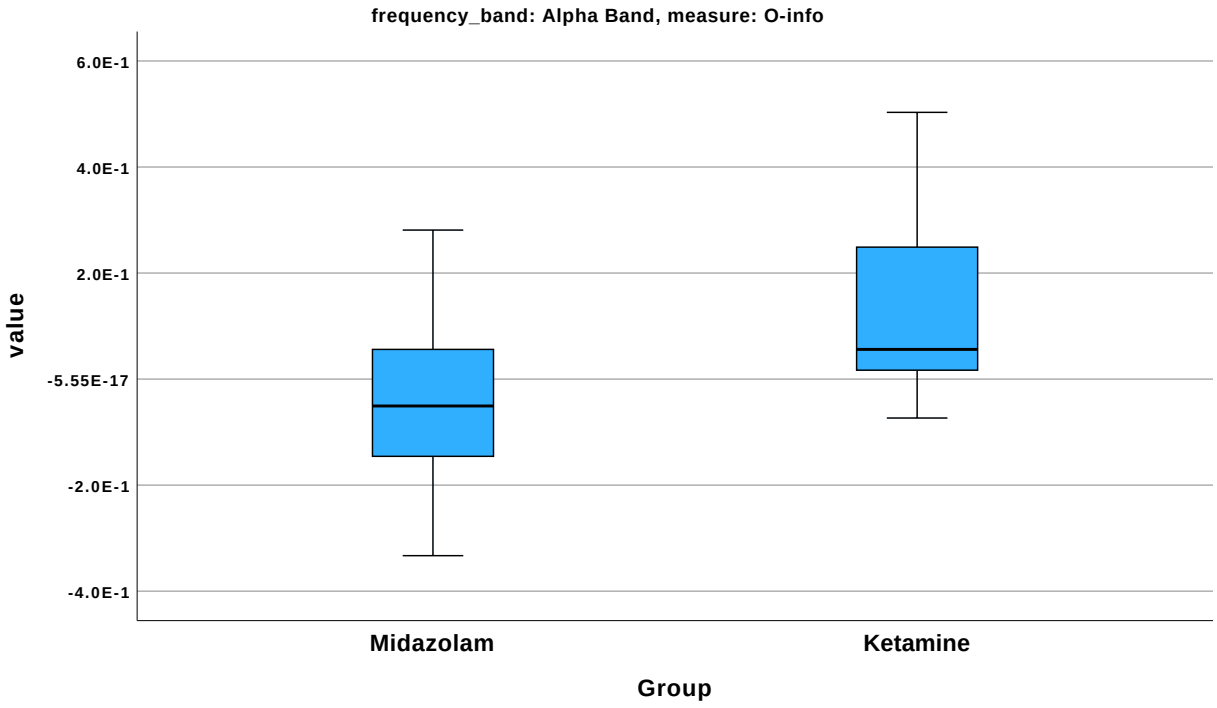
Group

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

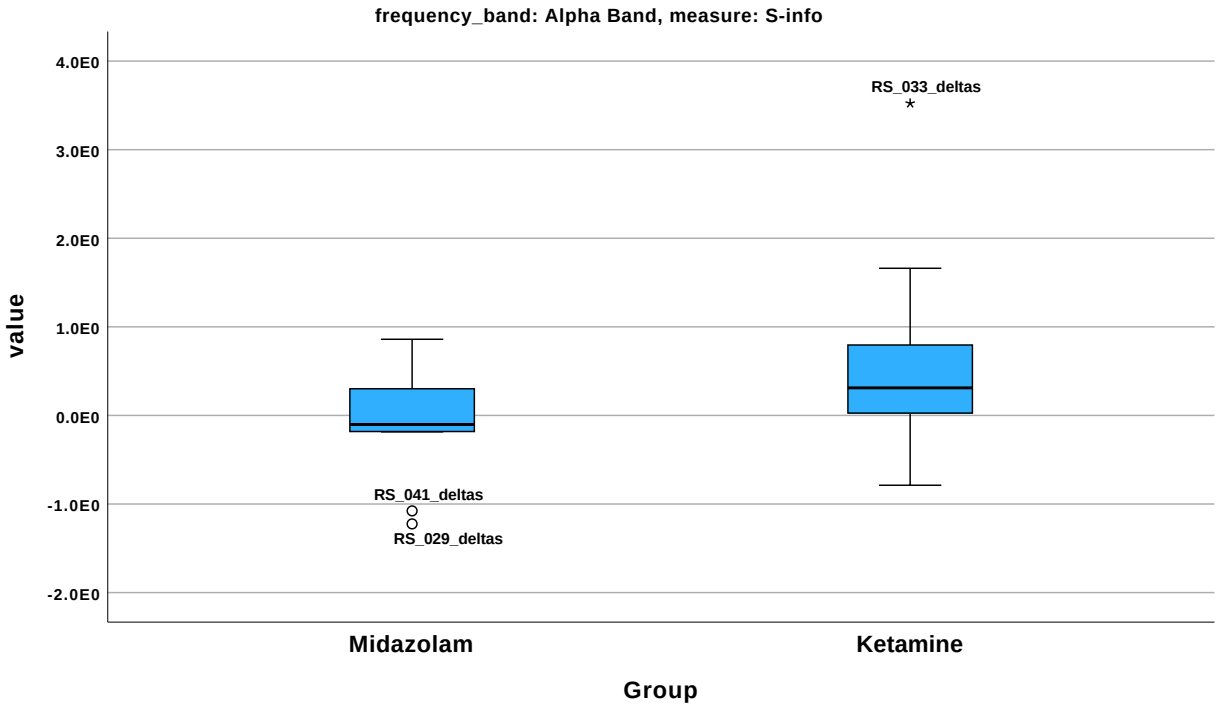
Group

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

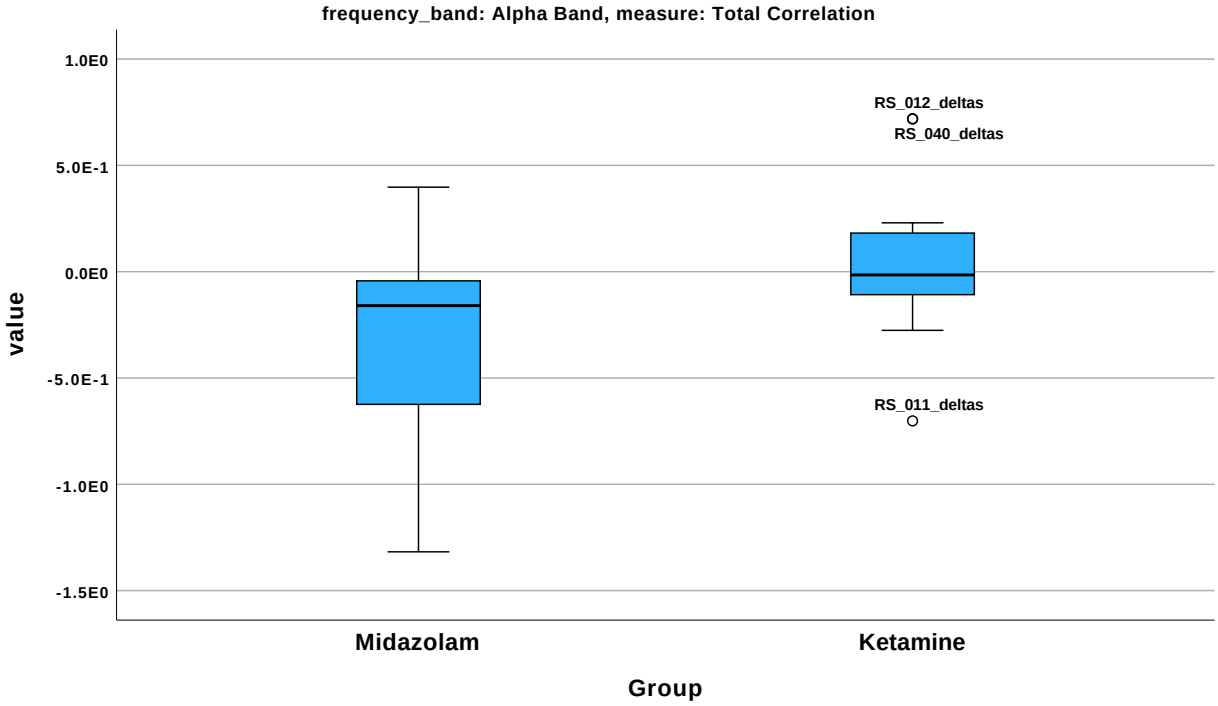
Group

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

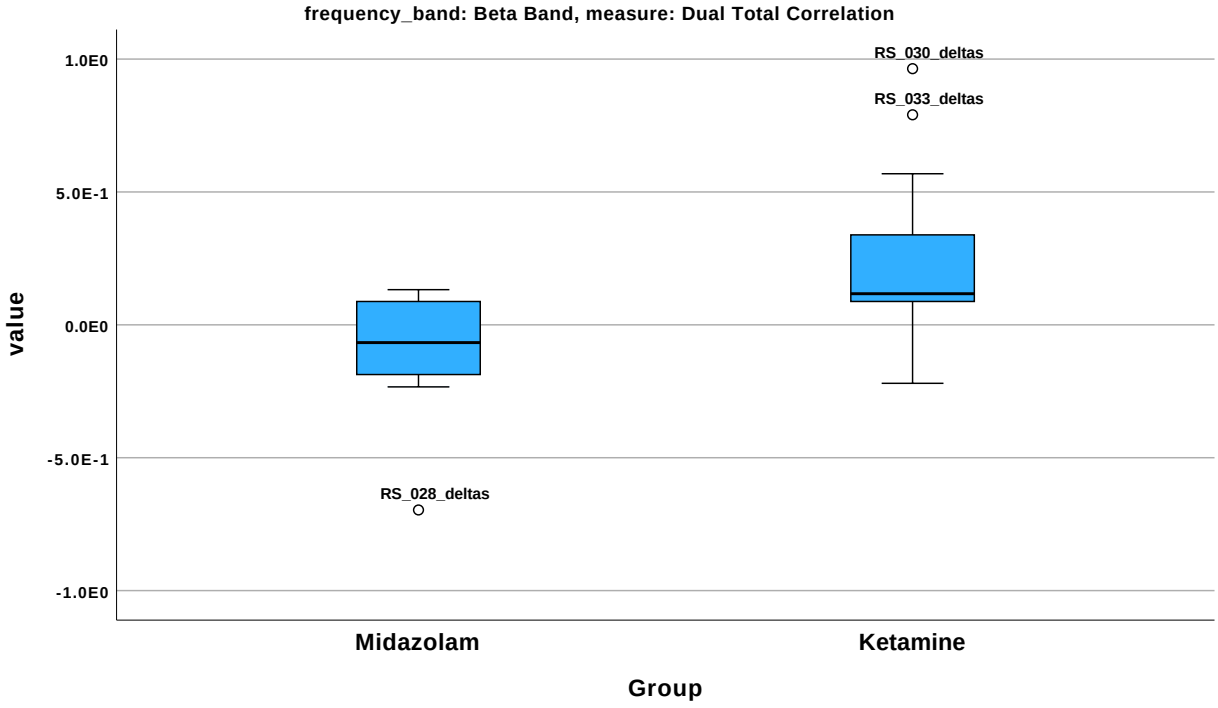
Group

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

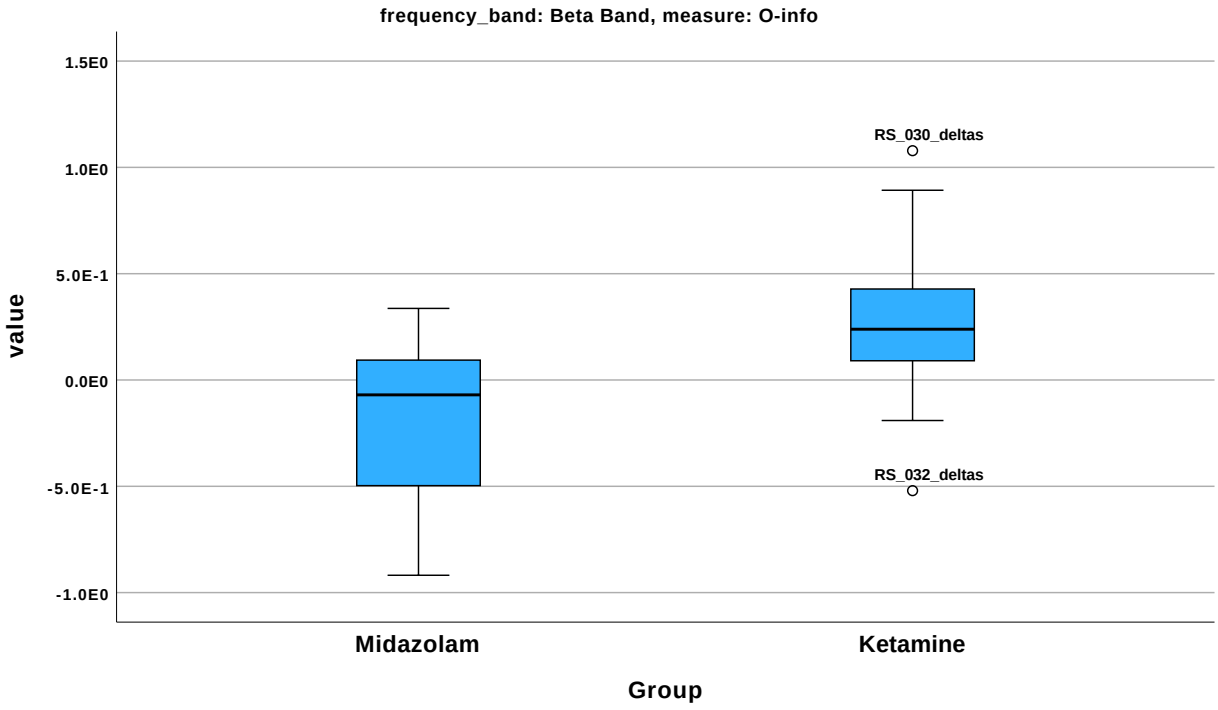
Group

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

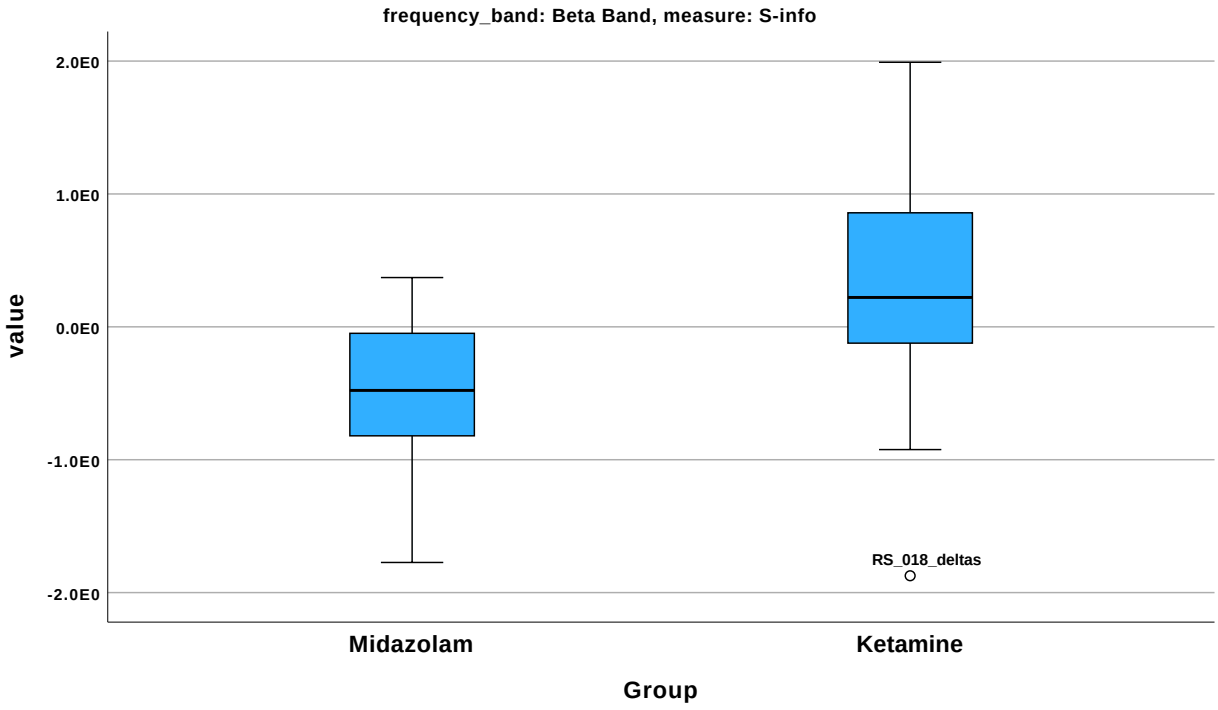
Group

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

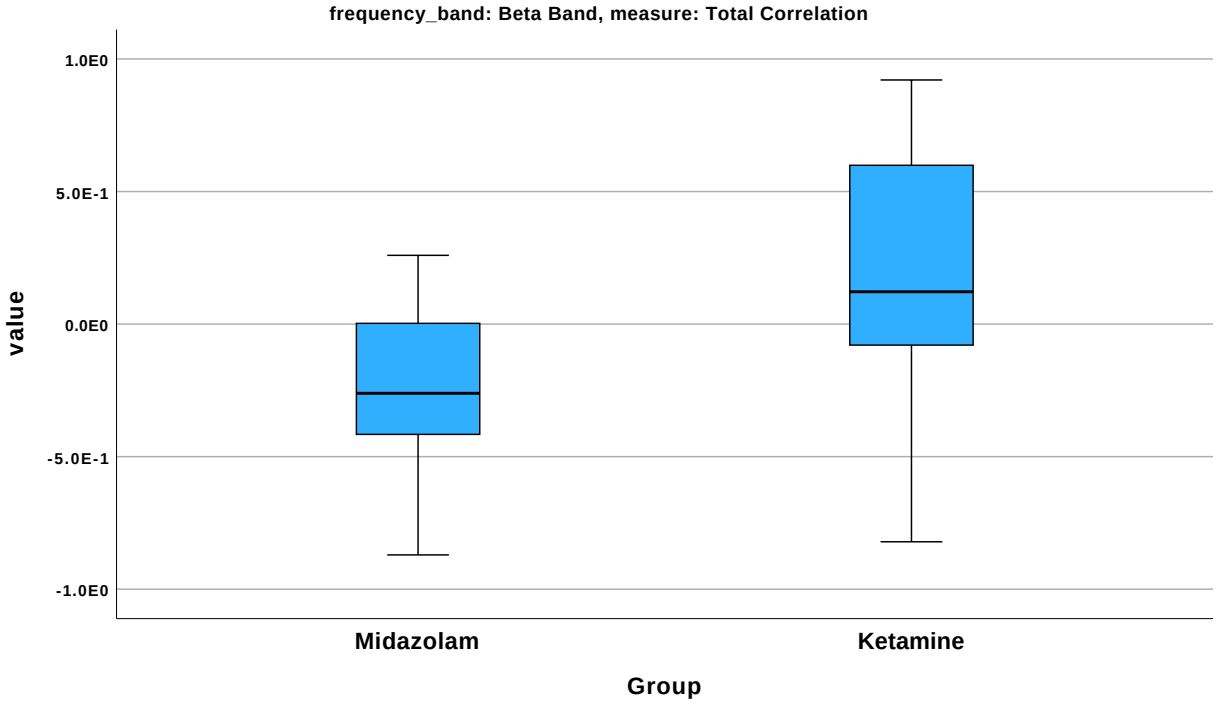
Group

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

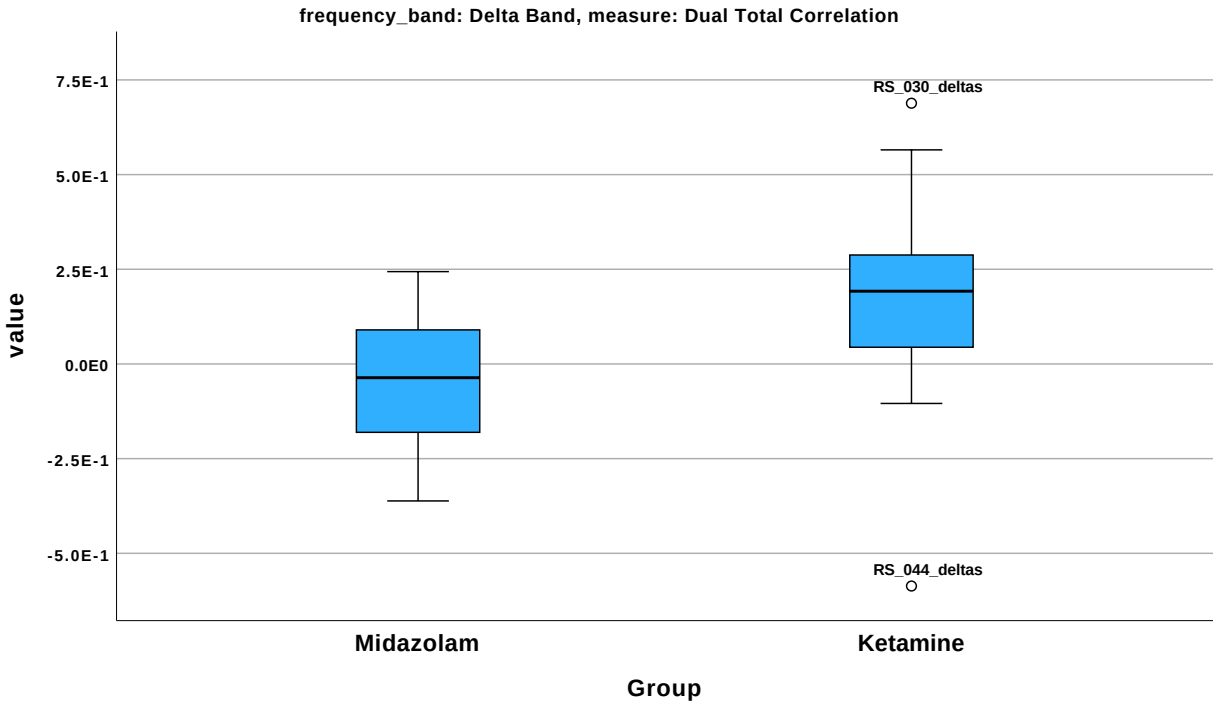
Group

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

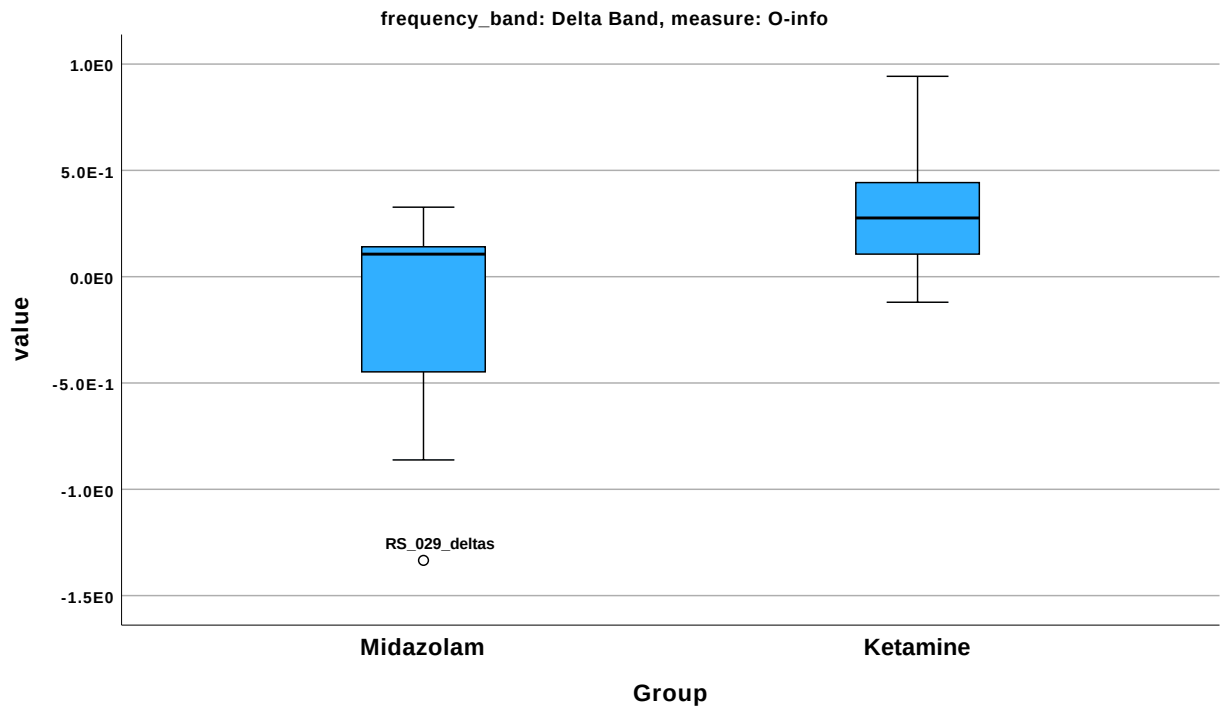
Group

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

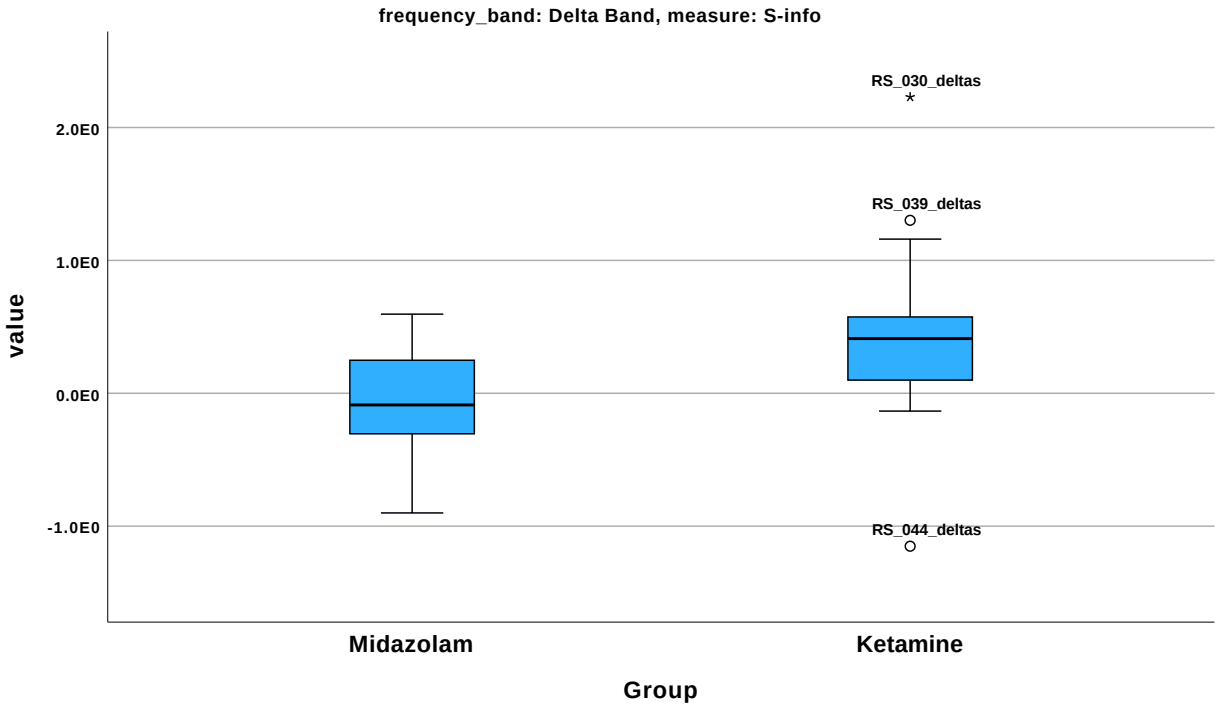
Group

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

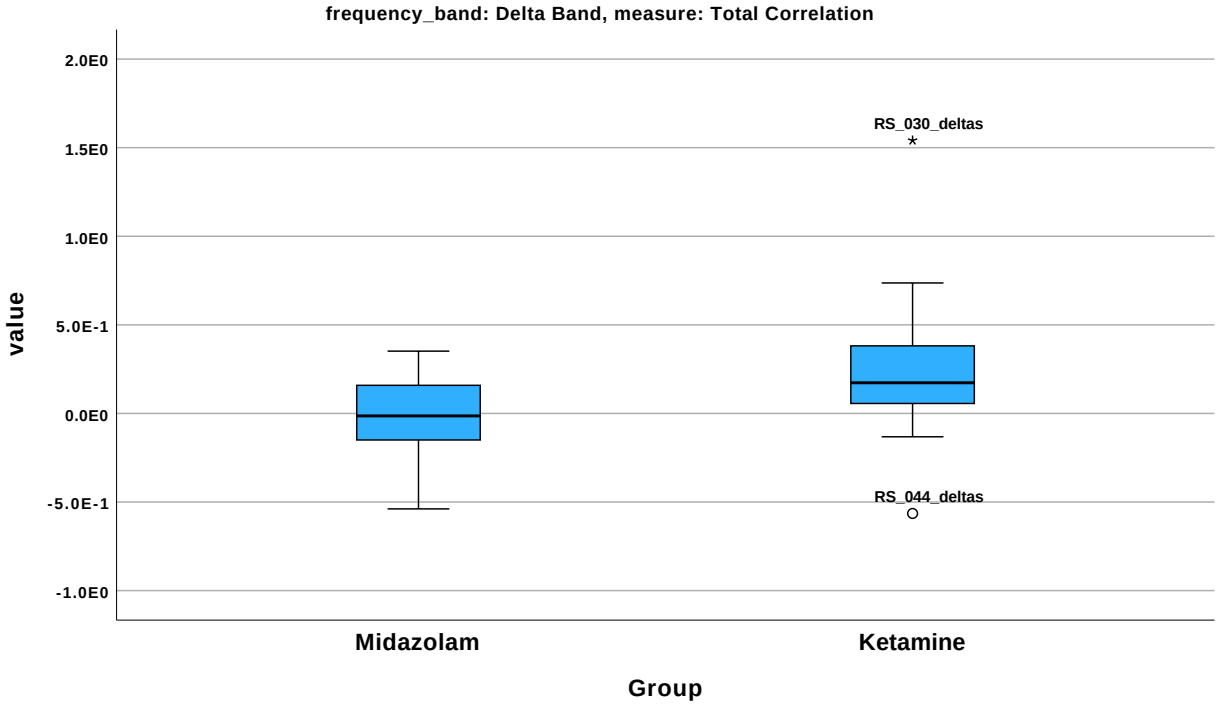
Group

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

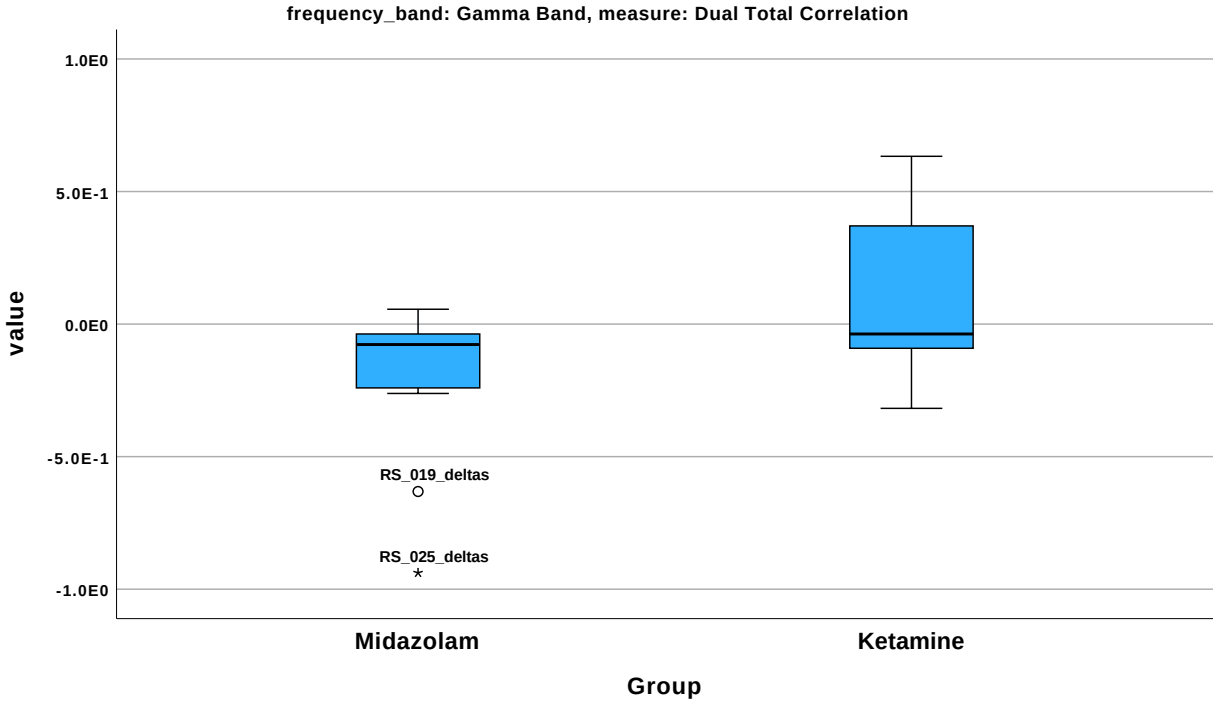
Group

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

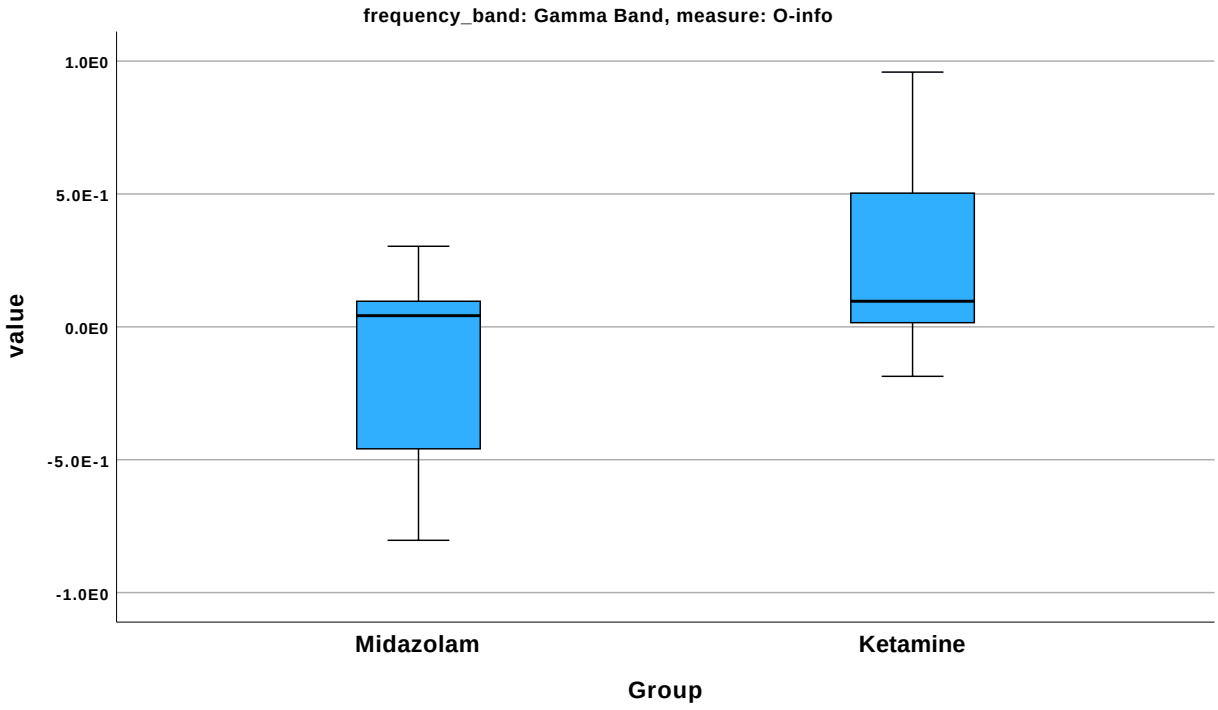
Group

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

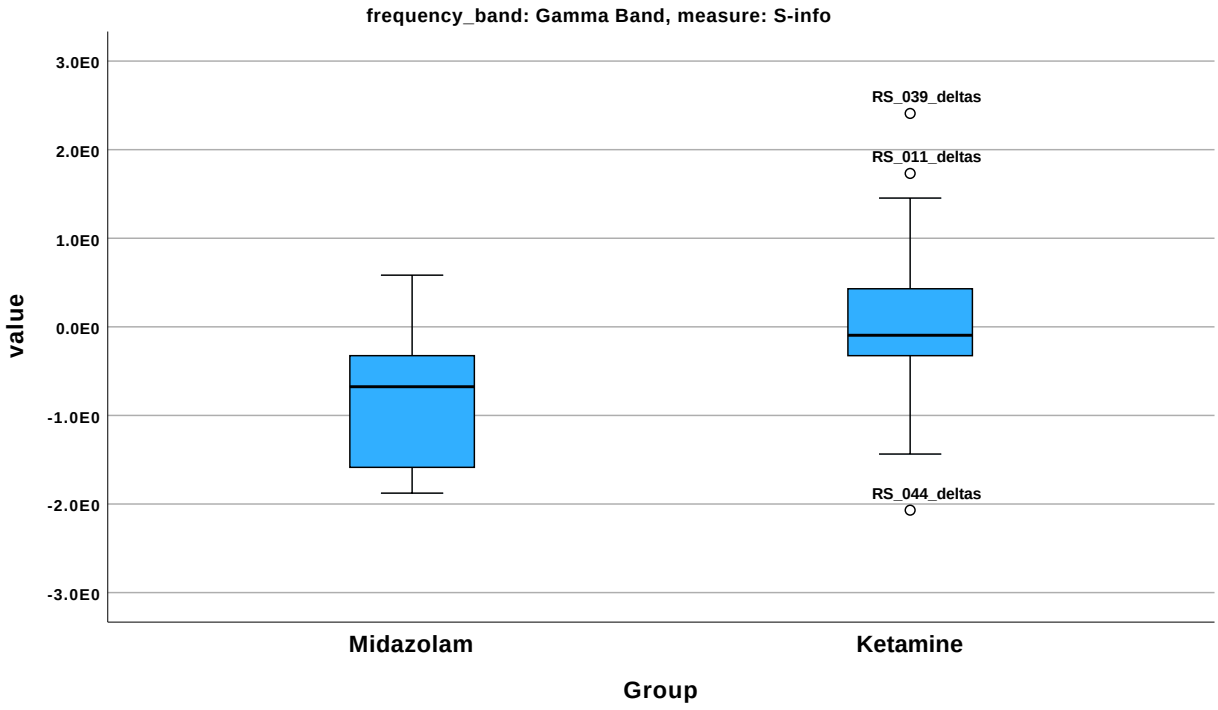
Group

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

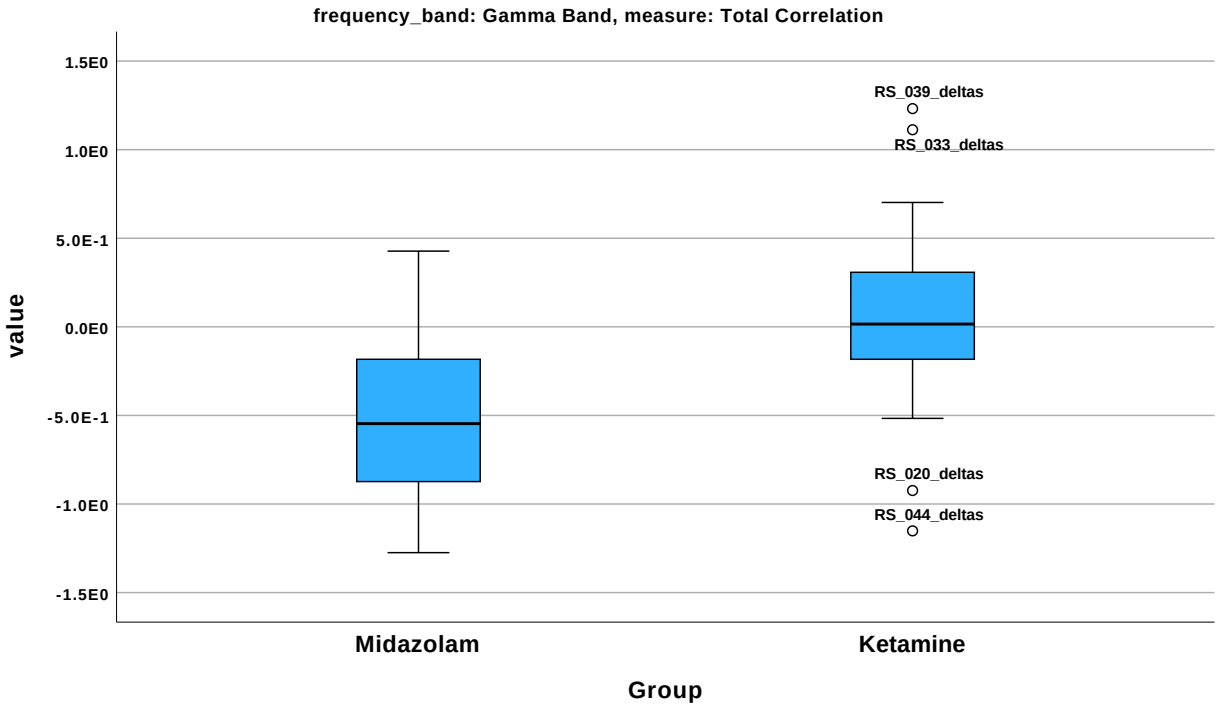
Group

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

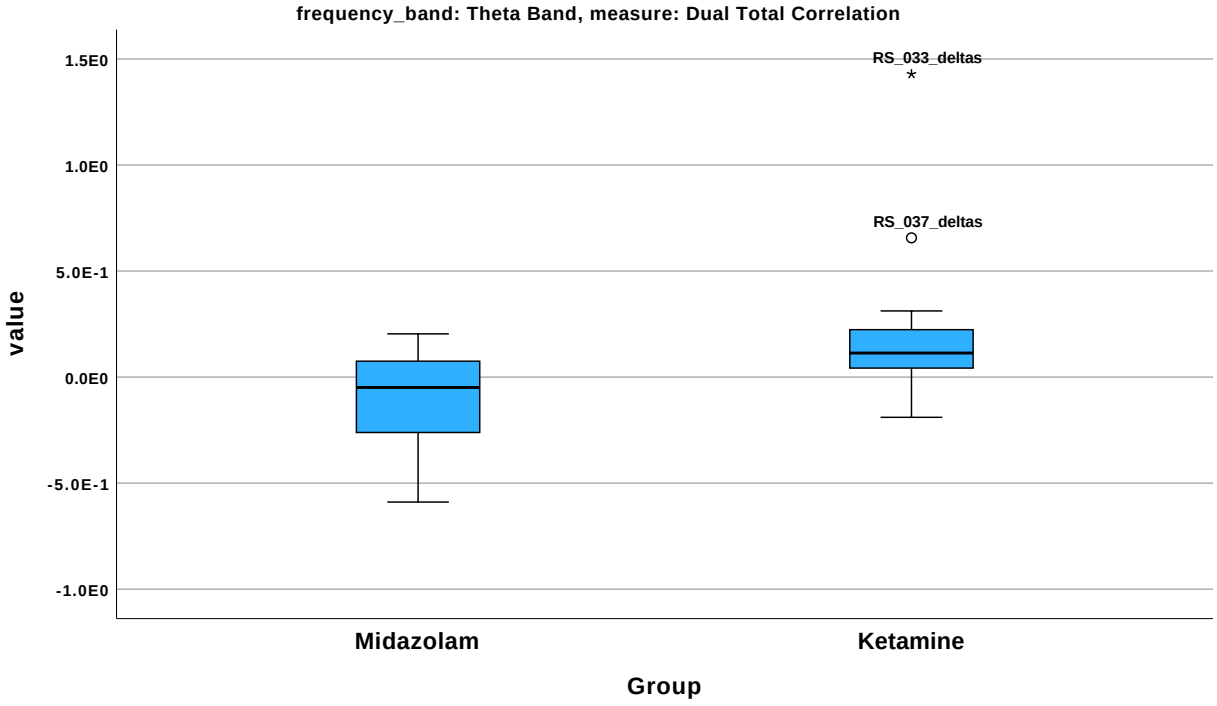
Group

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

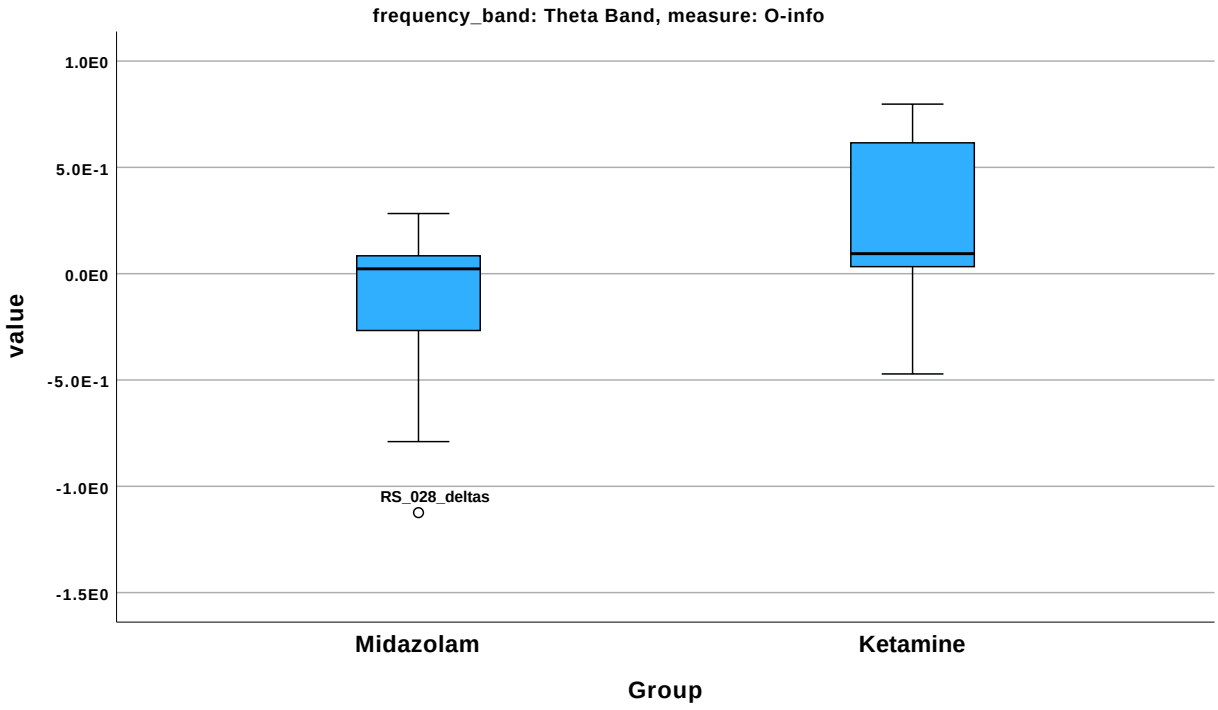
Group

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

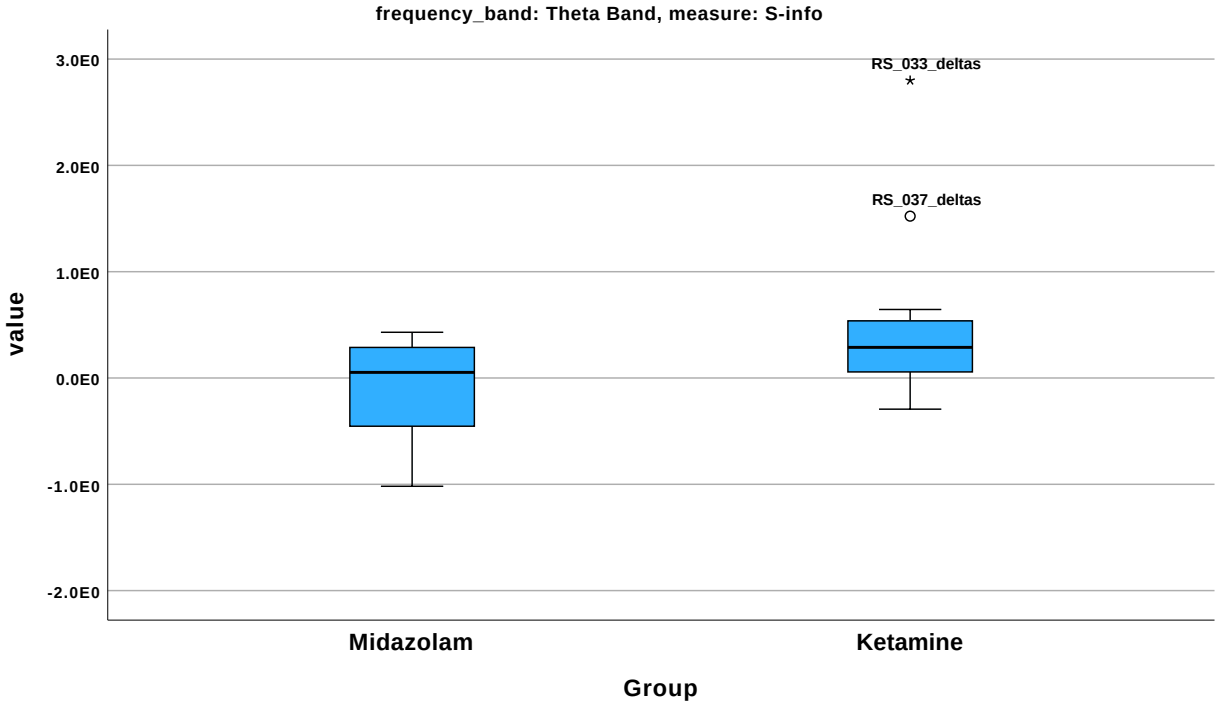
Group

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

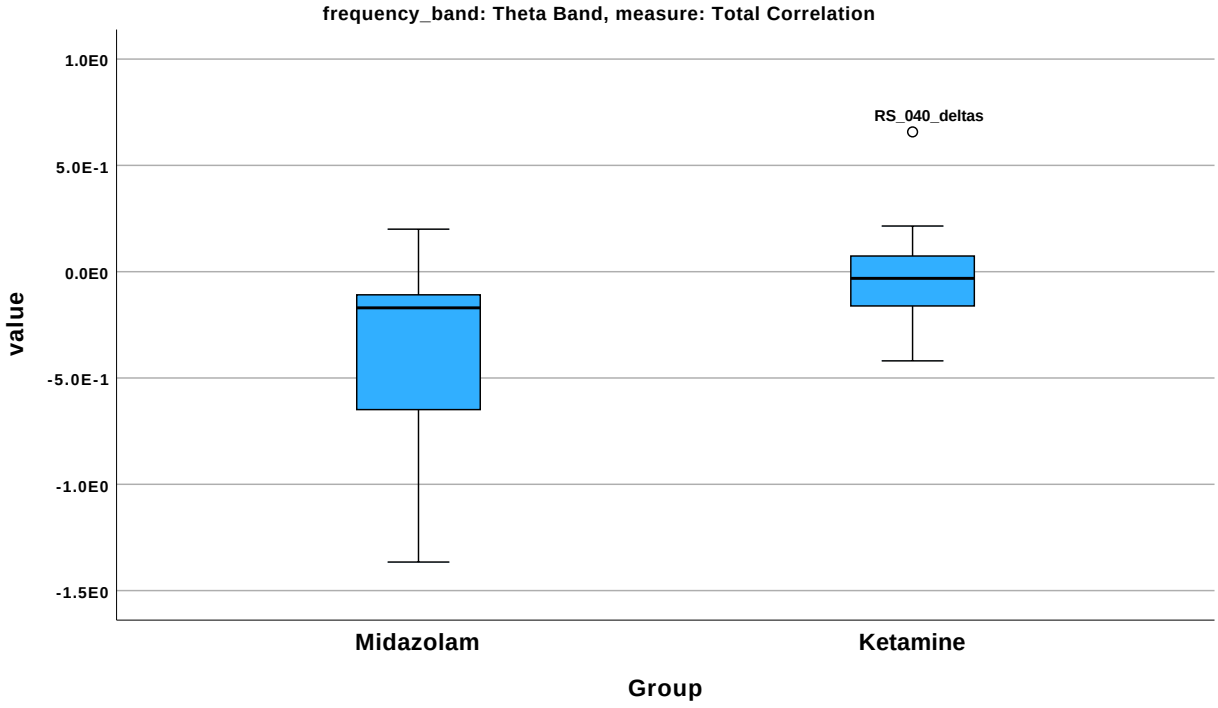
Group

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 = Whole Band, measure = Dual Total Correlation

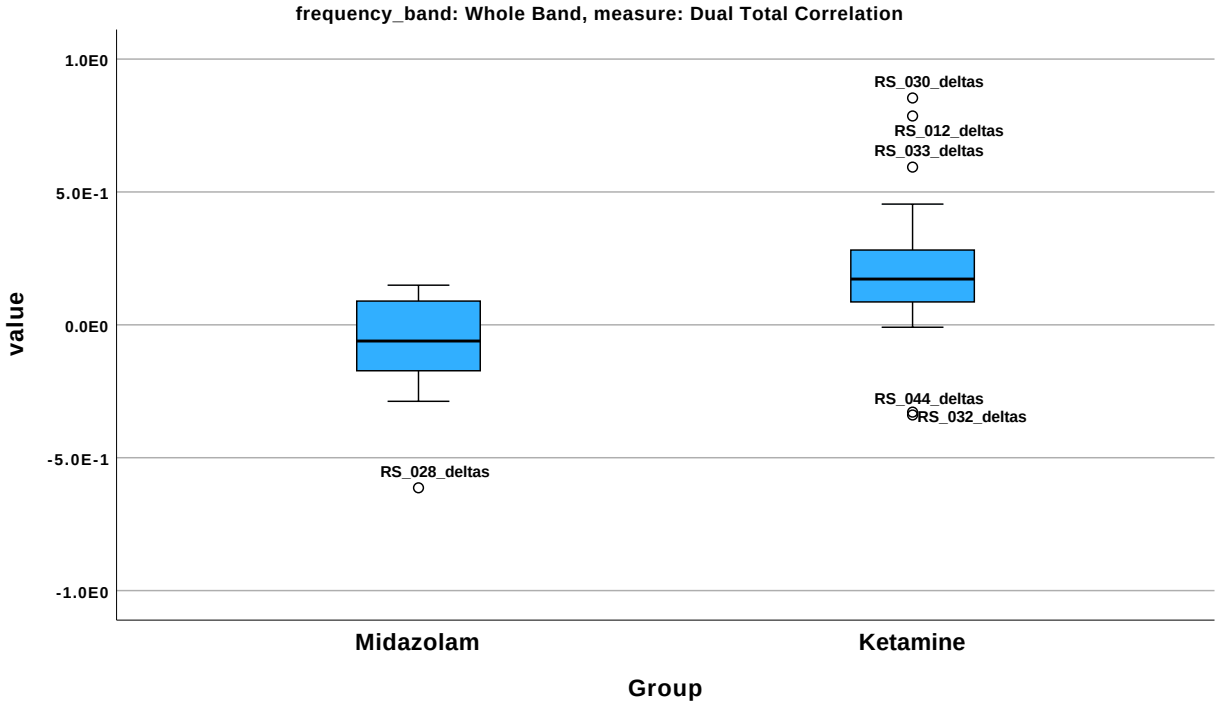
Group

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 = Whole Band, measure = Dual Total Correlation

value



frequency_band = Whole Band, measure = O-info

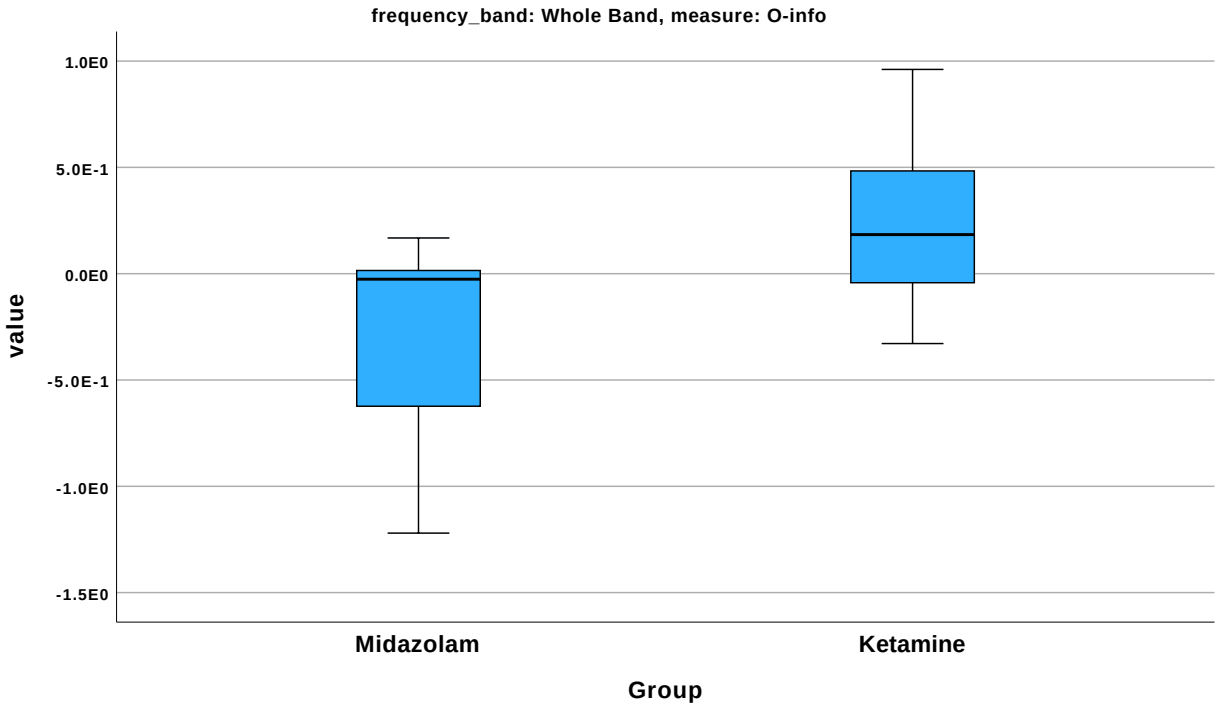
Group

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 = Whole Band, measure = O-info

value



frequency_band = Whole Band, measure = S-info

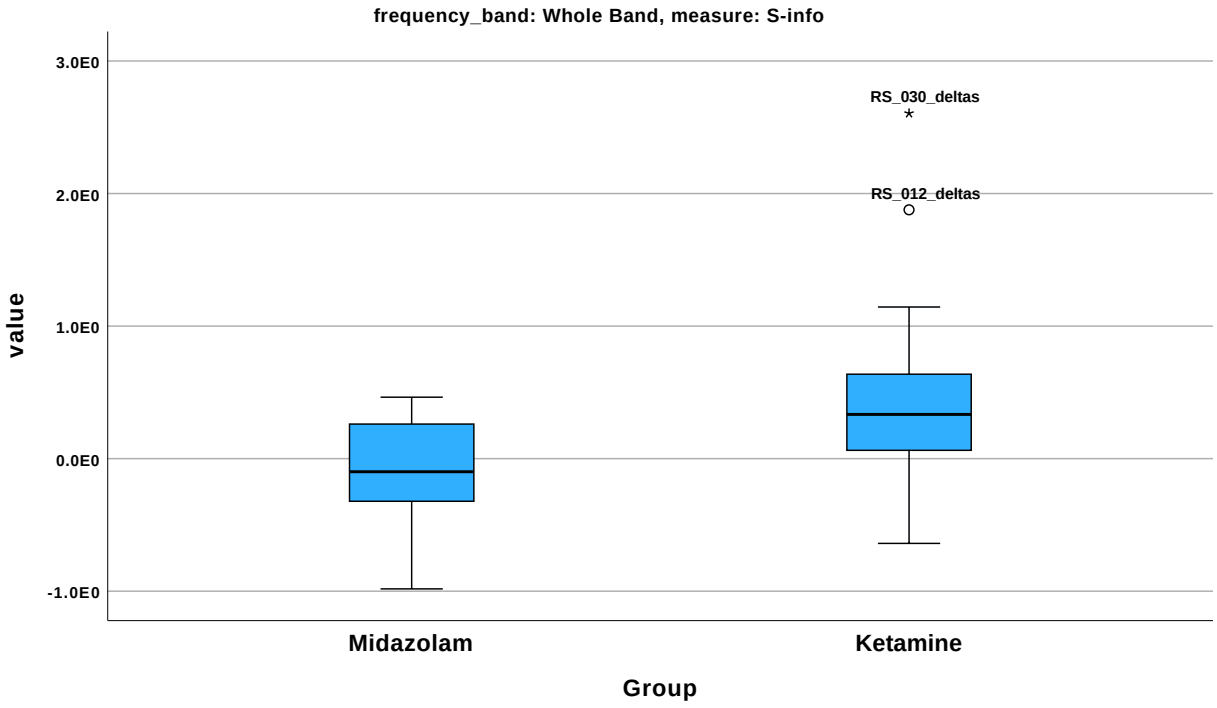
Group

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 = Whole Band, measure = S-info

value



frequency_band = Whole Band, measure = Total Correlation

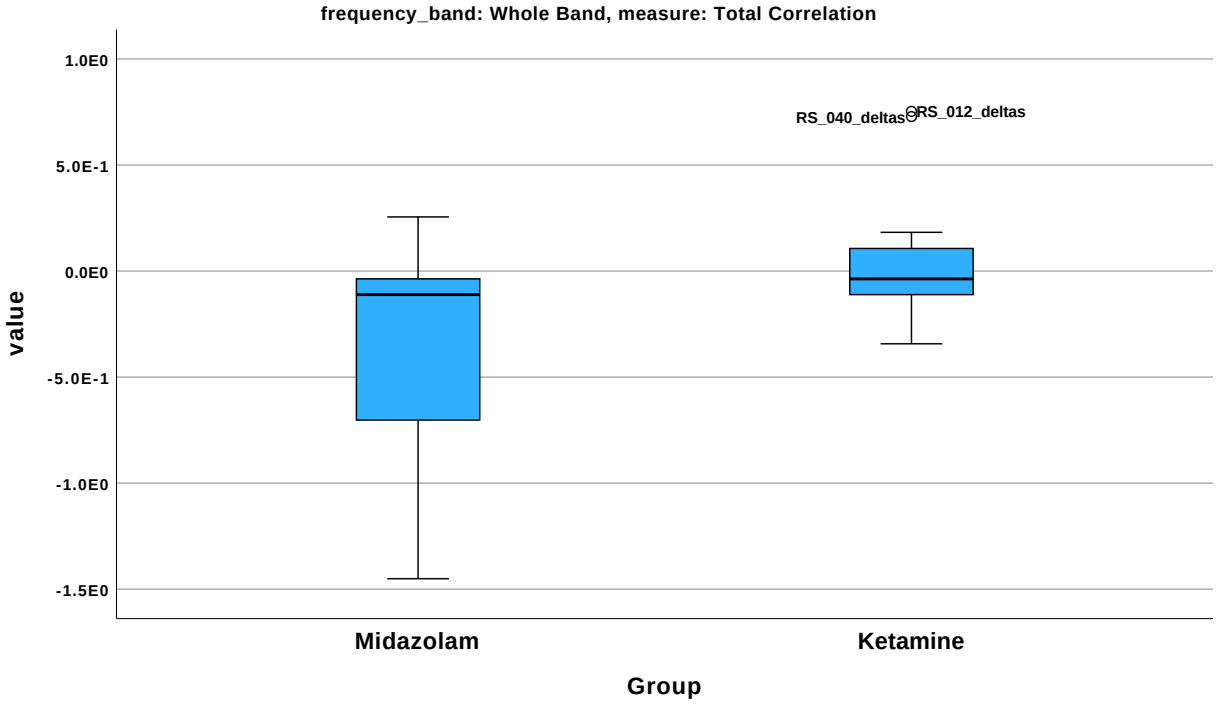
Group

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 = Whole Band, measure = Total Correlation

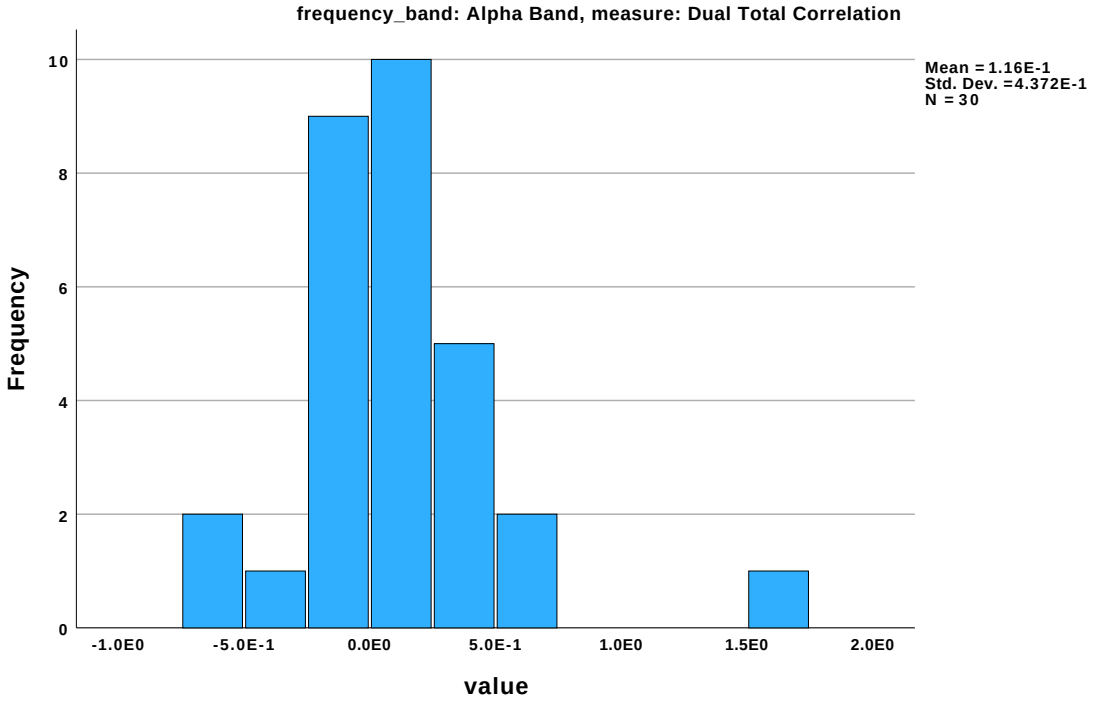
value

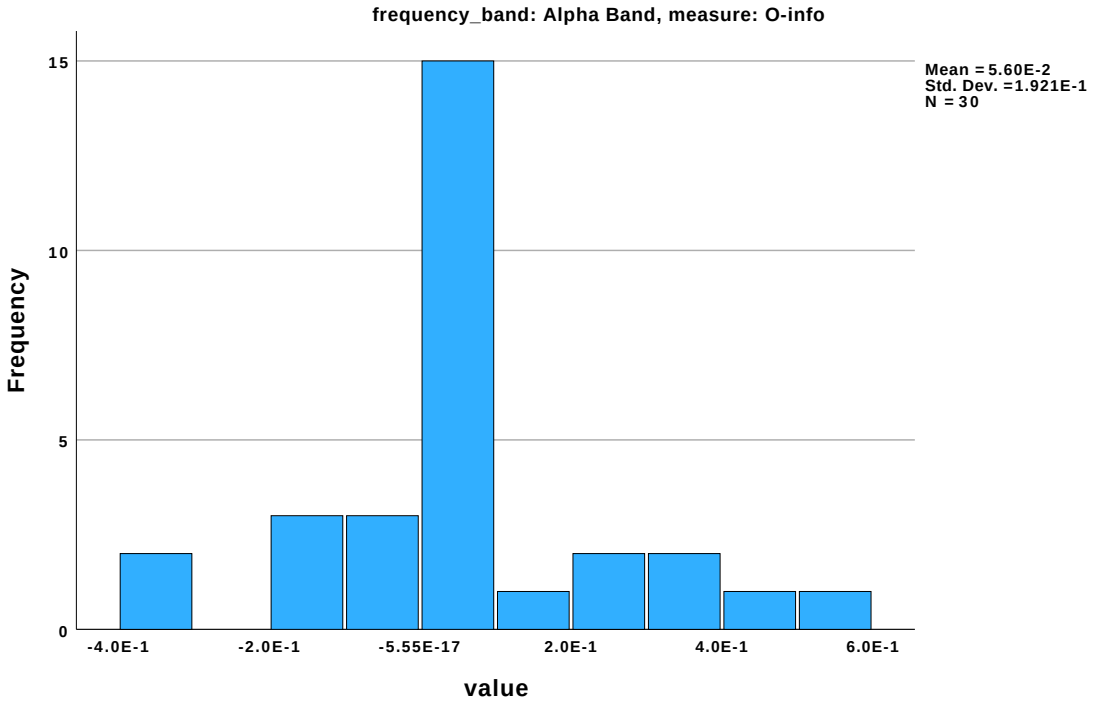


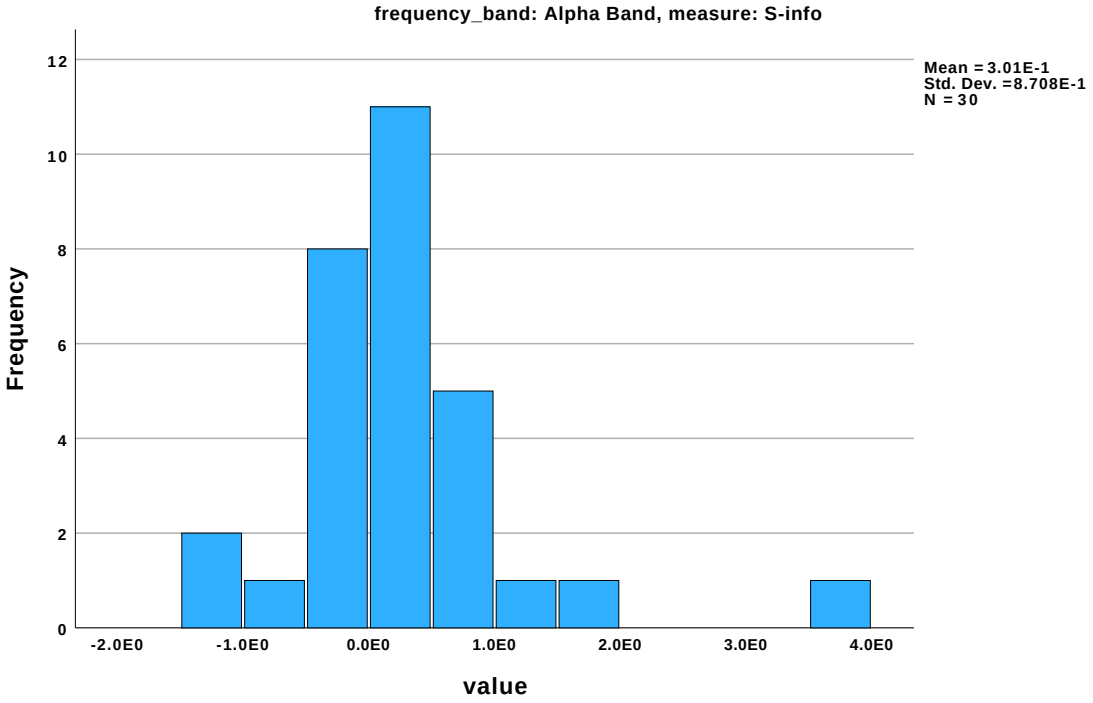
Graph

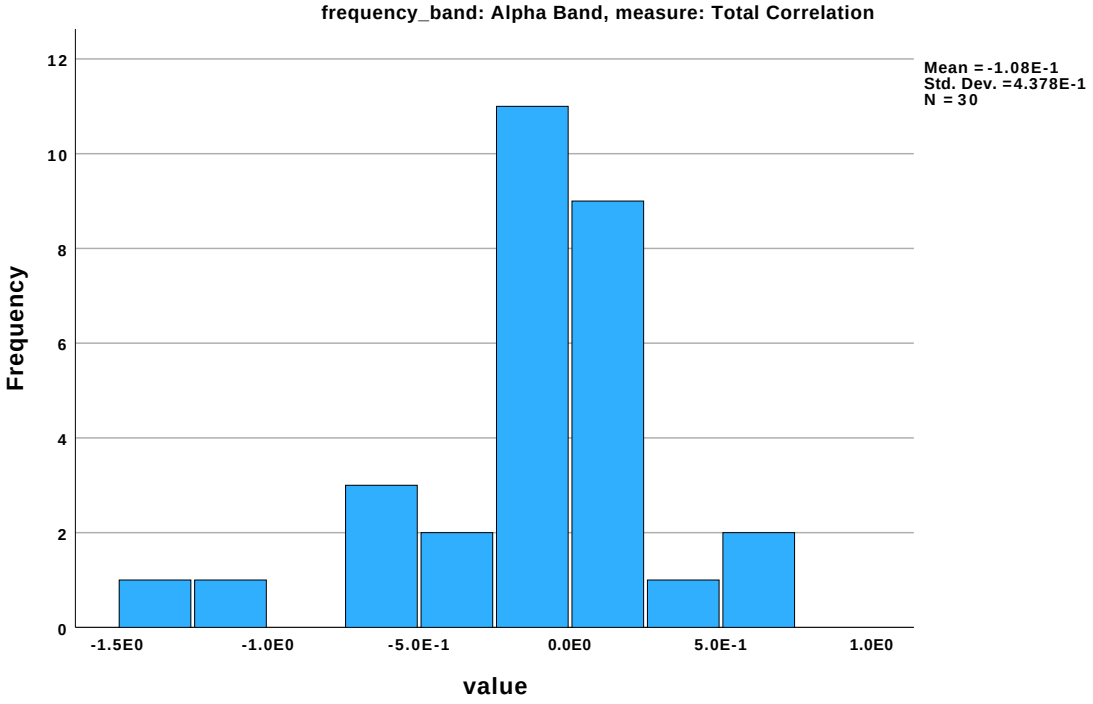
Notes

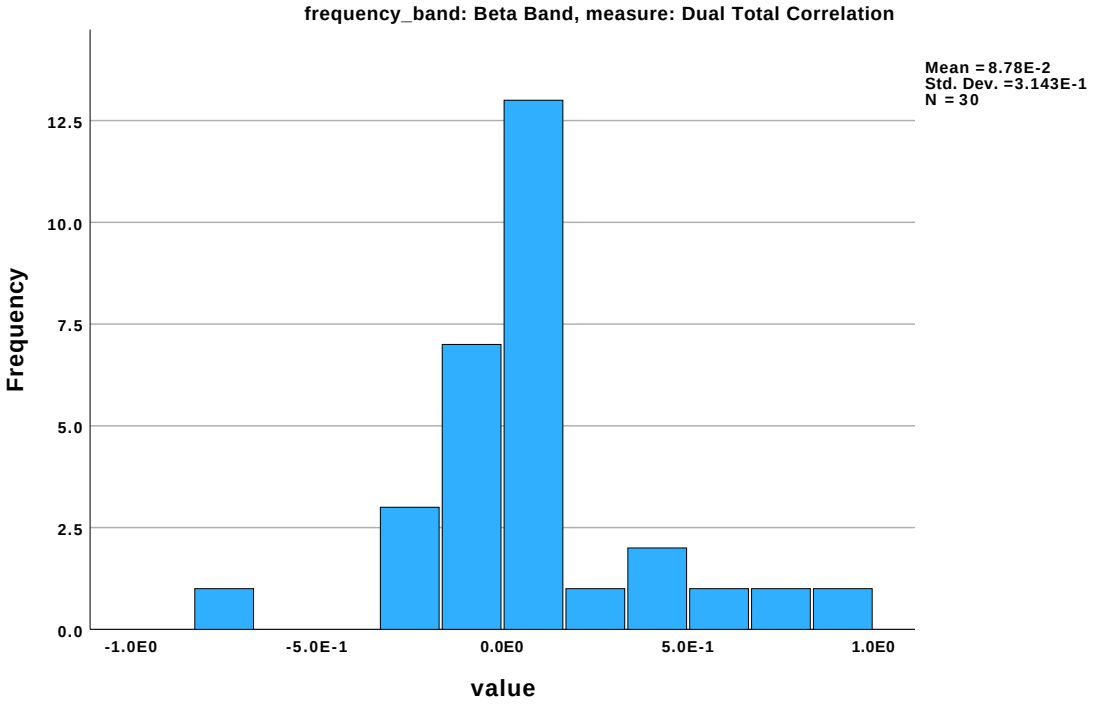
Output Created		15-OCT-2024 10:29:52
Comments		
Input	Data	/Users/krisha/Desktop/BCM/Analysis/HOI_implementation/HOI_LLK_Code/SPSS_Mann_Whitney/First Round Data SPSS Day7.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	frequency_band, measure
	N of Rows in Working Data File	720
Syntax		GRAPH /HISTOGRAM=value.
Resources	Processor Time	00:00:02.59
	Elapsed Time	00:00:02.00

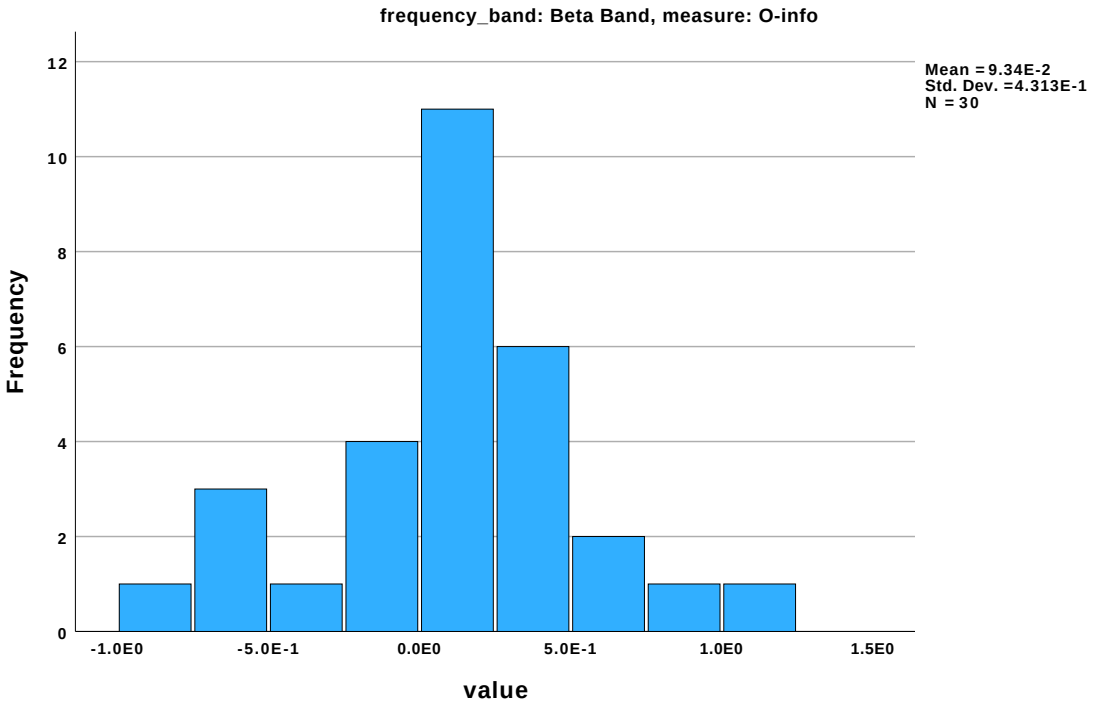

frequency_band: Alpha Band, measure: Dual Total Correlation
Mean = 1.16E-1
Std. Dev. =4.372E-1
N = 30
Frequency
10
8
6
4
2
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
1.5E0
2.0E0
value

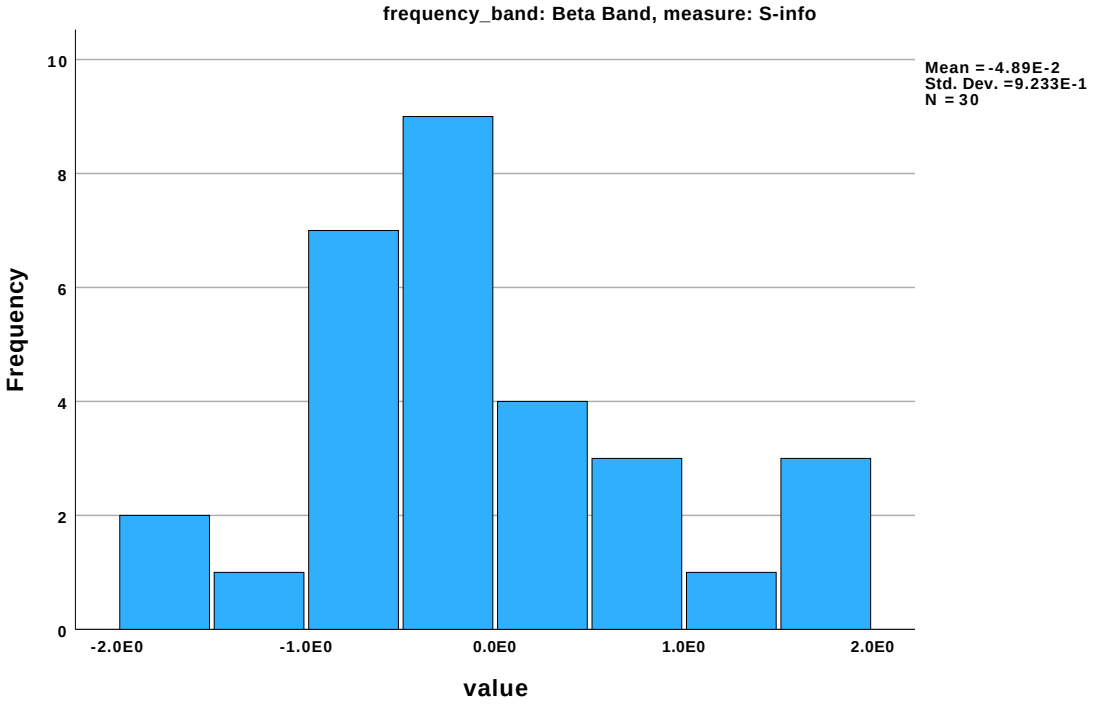

frequency_band: Alpha Band, measure: O-info
Mean = 5.60E-2
Std. Dev. =1.921E-1
N = 30
Frequency
15
10
5
0
-4.0E-1
-2.0E-1
-5.55E-17
2.0E-1
4.0E-1
6.0E-1
value

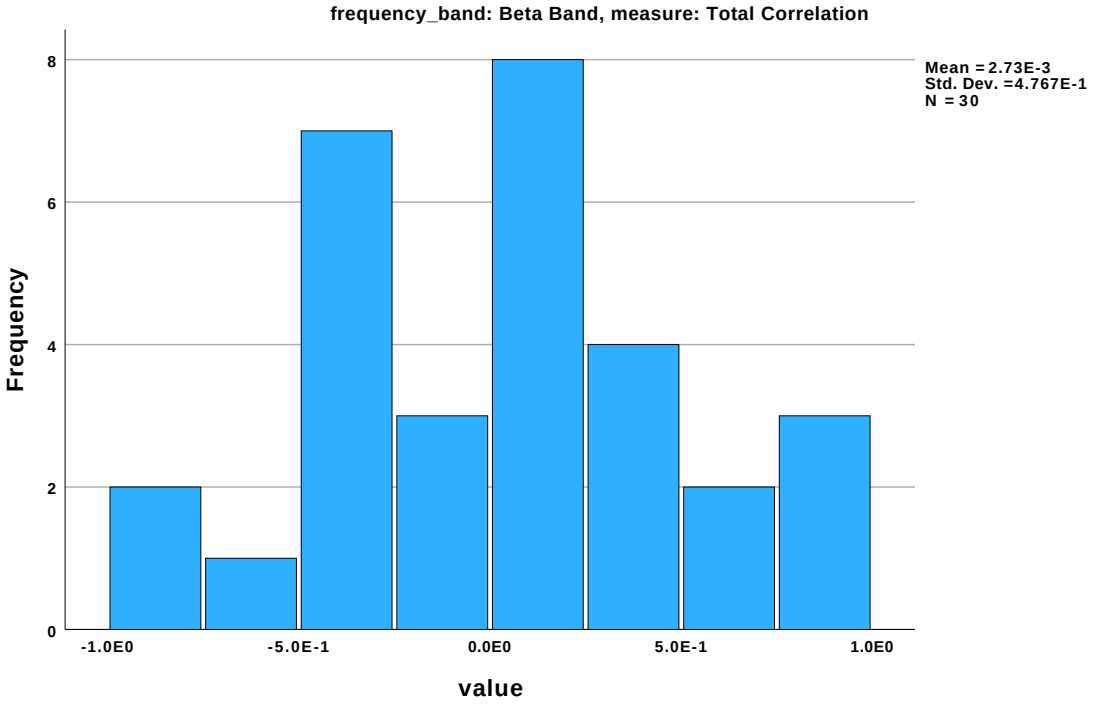

frequency_band: Alpha Band, measure: S-info
Mean = 3.01E-1
Std. Dev. =8.708E-1
N = 30
Frequency
value
0
2
4
6
8
10
12
-2.0E0
-1.0E0
0.0E0
1.0E0
2.0E0
3.0E0
4.0E0

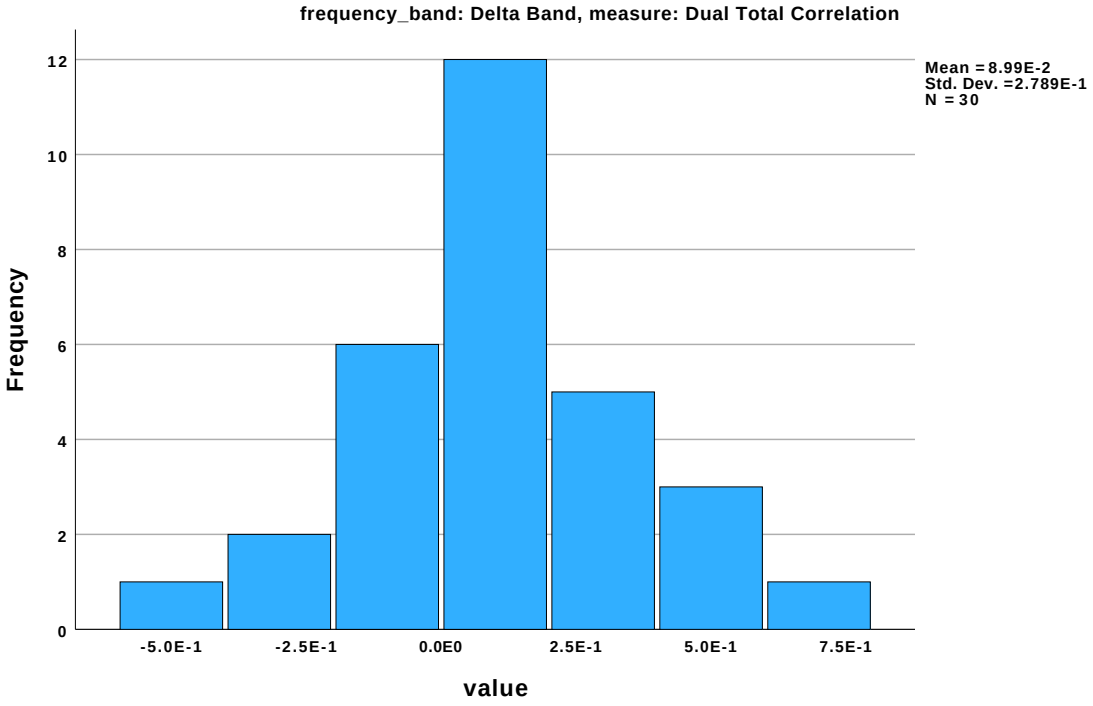

frequency_band: Alpha Band, measure: Total Correlation
Mean = -1.08E-1
Std. Dev. =4.378E-1
N = 30
Frequency
value
0
2
4
6
8
10
12
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0

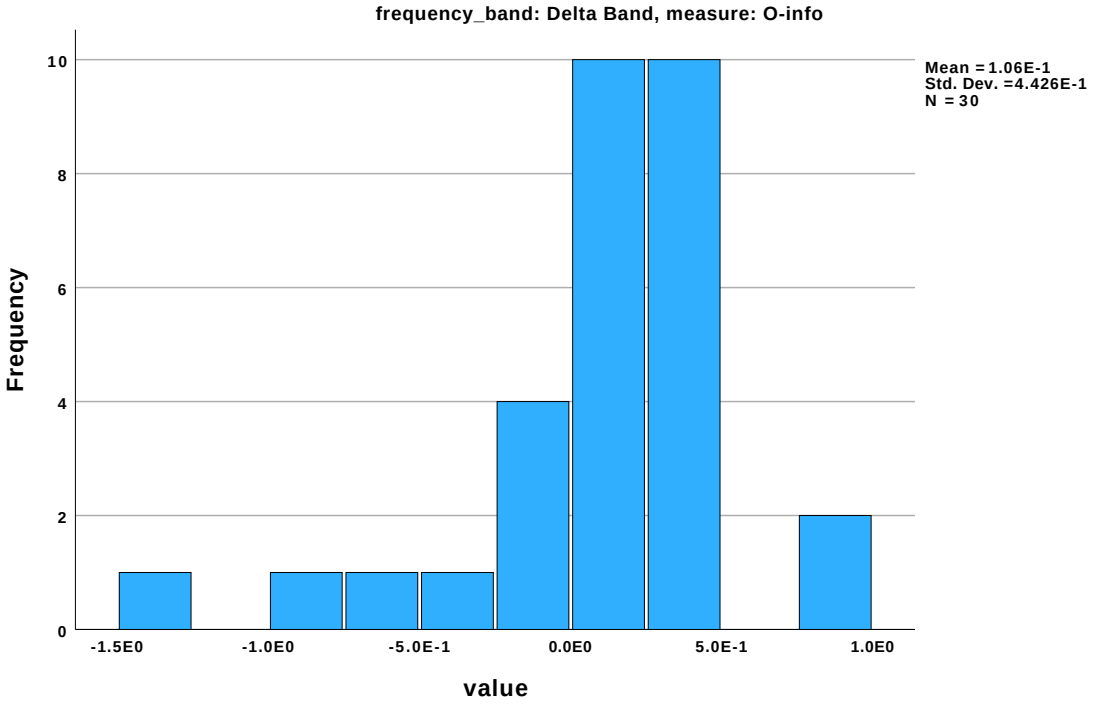

frequency_band: Beta Band, measure: Dual Total Correlation
Mean = 8.78E-2
Std. Dev. =3.143E-1
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

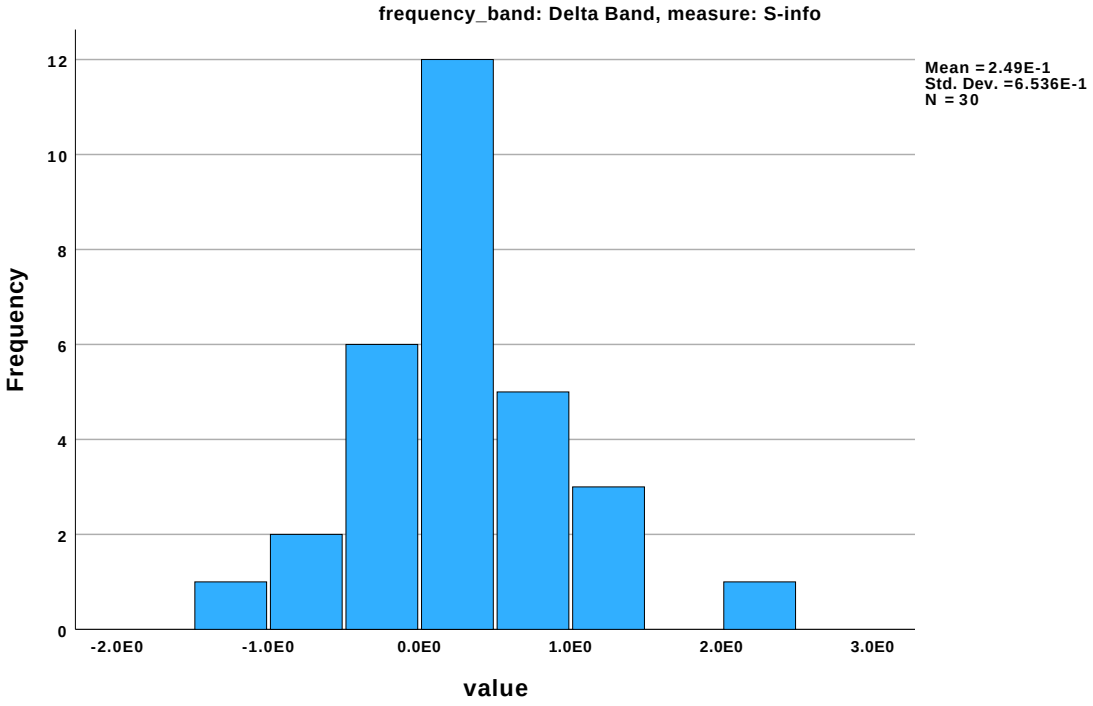

frequency_band: Beta Band, measure: O-info
Mean = 9.34E-2
Std. Dev. =4.313E-1
N = 30
Frequency
12
10
8
6
4
2
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
1.5E0
value

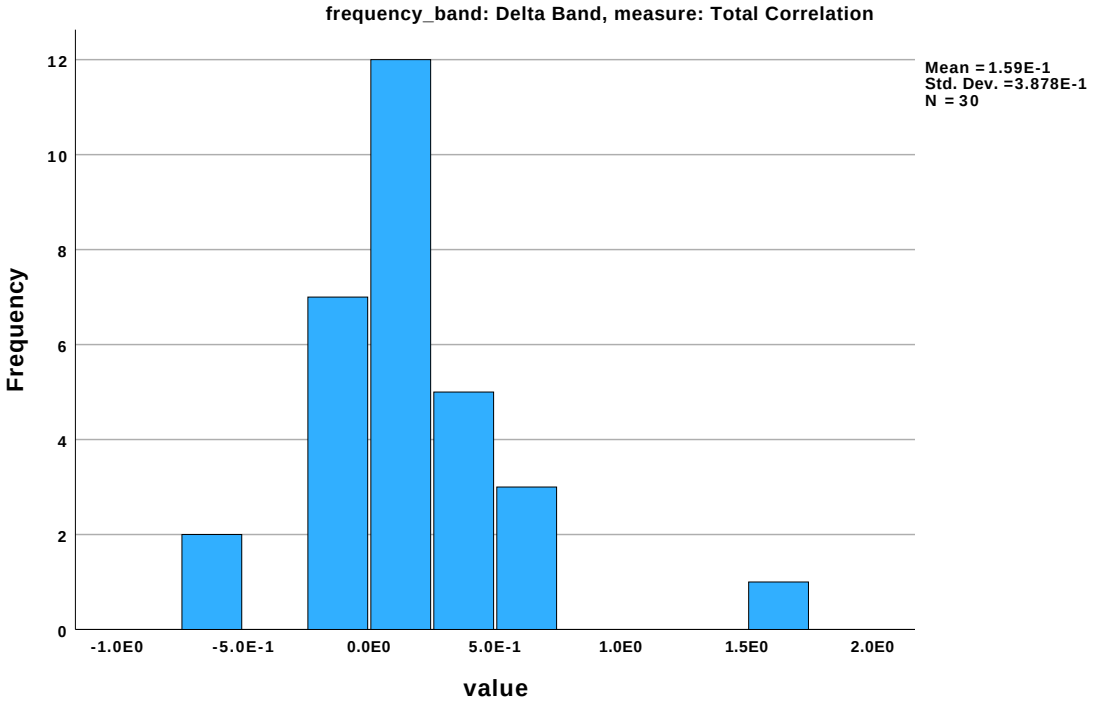

frequency_band: Beta Band, measure: S-info
Mean = -4.89E-2
Std. Dev. =9.233E-1
N = 30
Frequency
10
8
6
4
2
0
-2.0E0
-1.0E0
0.0E0
1.0E0
2.0E0
value

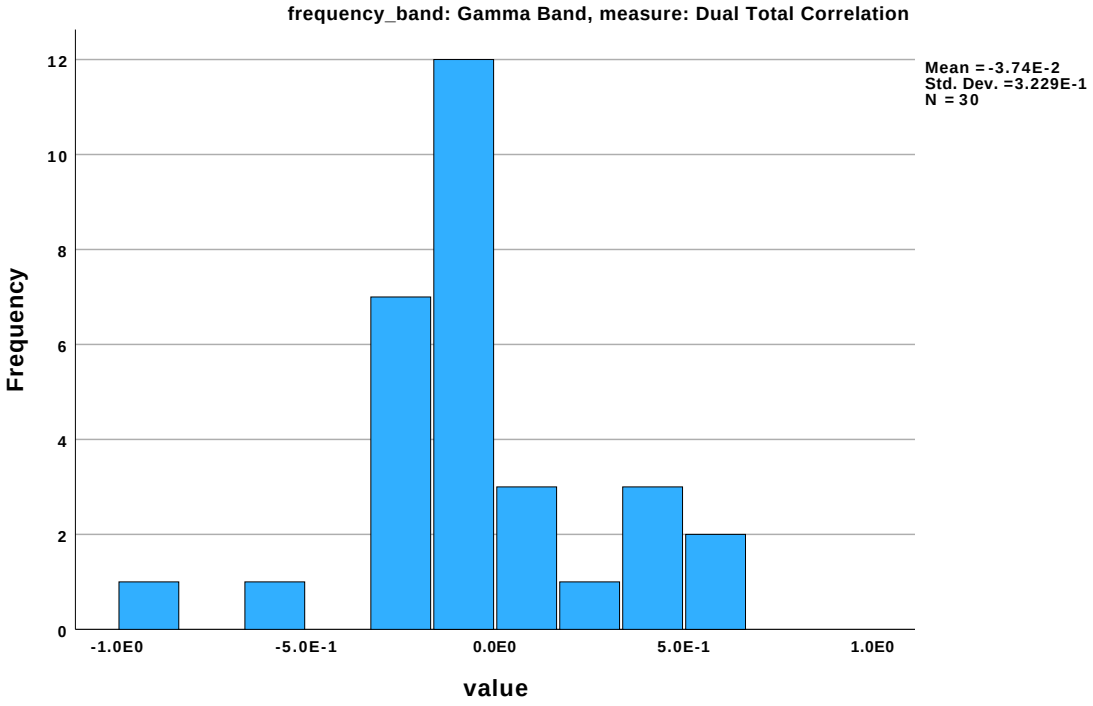

frequency_band: Beta Band, measure: Total Correlation
Mean = 2.73E-3
Std. Dev. =4.767E-1
N = 30
Frequency
8
6
4
2
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

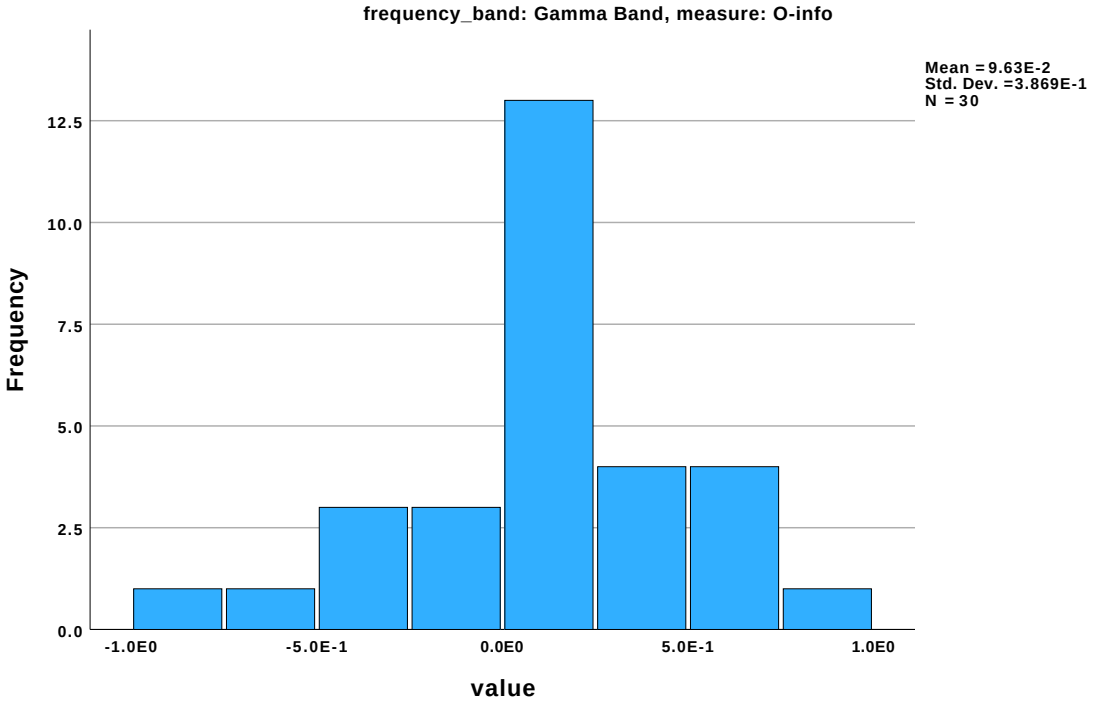

frequency_band: Delta Band, measure: Dual Total Correlation
Mean = 8.99E-2
Std. Dev. =2.789E-1
N = 30
Frequency
0
2
4
6
8
10
12
-5.0E-1
-2.5E-1
0.0E0
2.5E-1
5.0E-1
7.5E-1
value

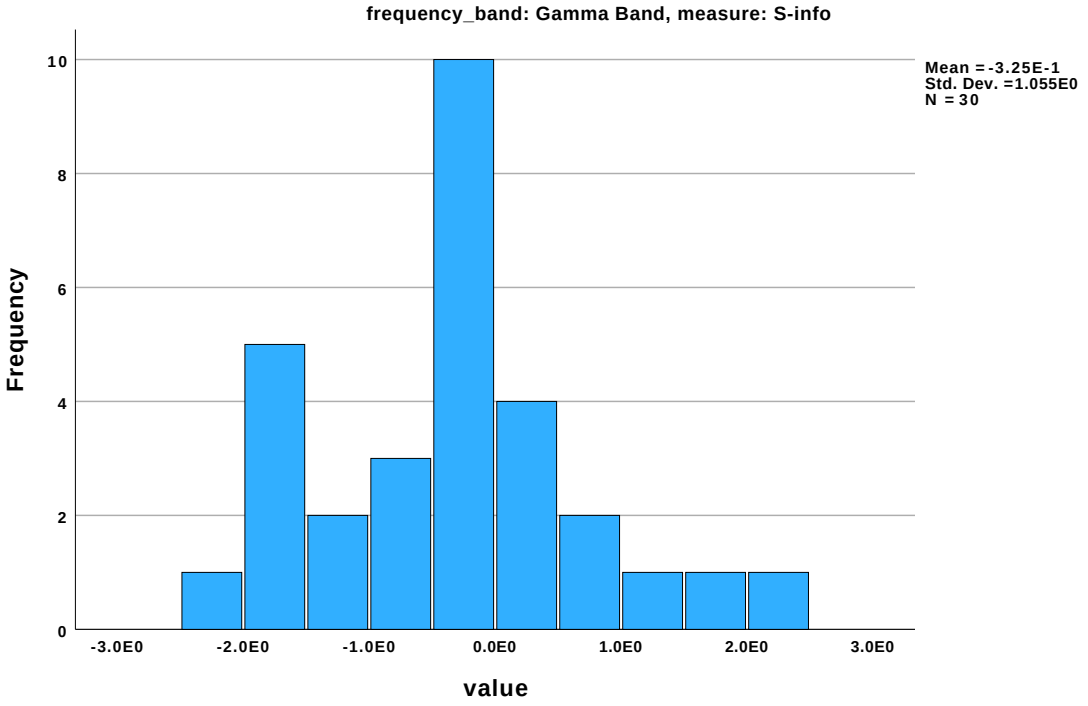

frequency_band: Delta Band, measure: O-info
Mean = 1.06E-1
Std. Dev. =4.426E-1
N = 30
Frequency
0
2
4
6
8
10
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

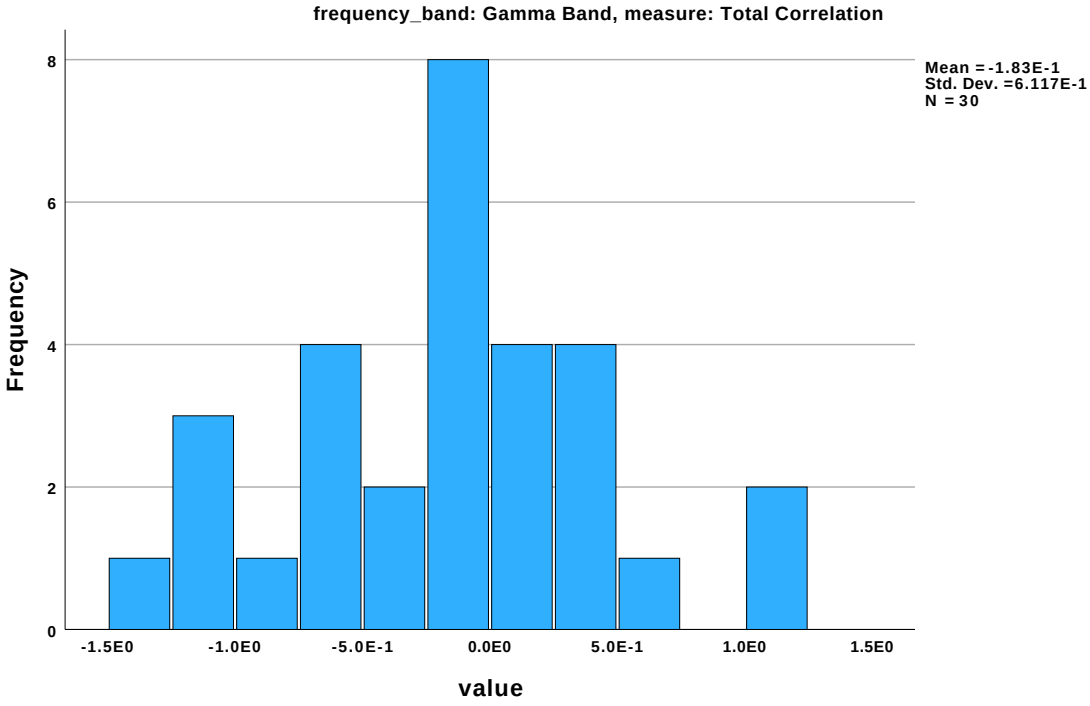

frequency_band: Delta Band, measure: S-info
Mean = 2.49E-1
Std. Dev. =6.536E-1
N = 30
Frequency
12
10
8
6
4
2
0
-2.0E0
-1.0E0
0.0E0
1.0E0
2.0E0
3.0E0
value

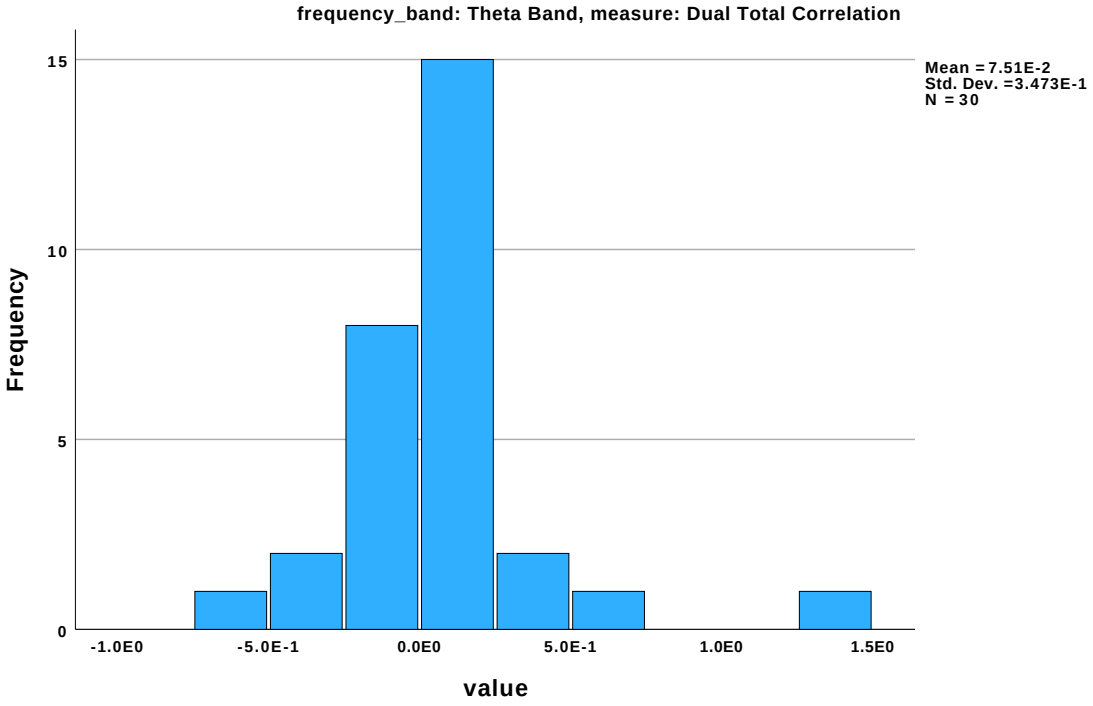

frequency_band: Delta Band, measure: Total Correlation
Mean = 1.59E-1
Std. Dev. =3.878E-1
N = 30
Frequency
12
10
8
6
4
2
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
1.5E0
2.0E0
value

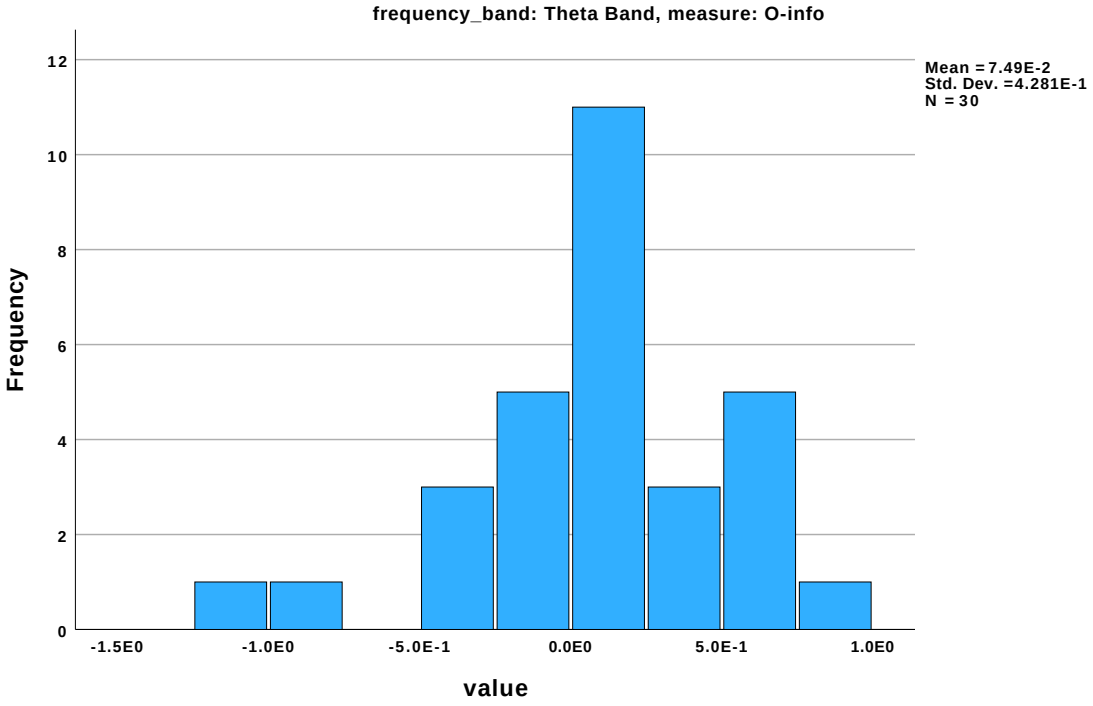

frequency_band: Gamma Band, measure: Dual Total Correlation
Mean = -3.74E-2
Std. Dev. =3.229E-1
N = 30
Frequency
12
10
8
6
4
2
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

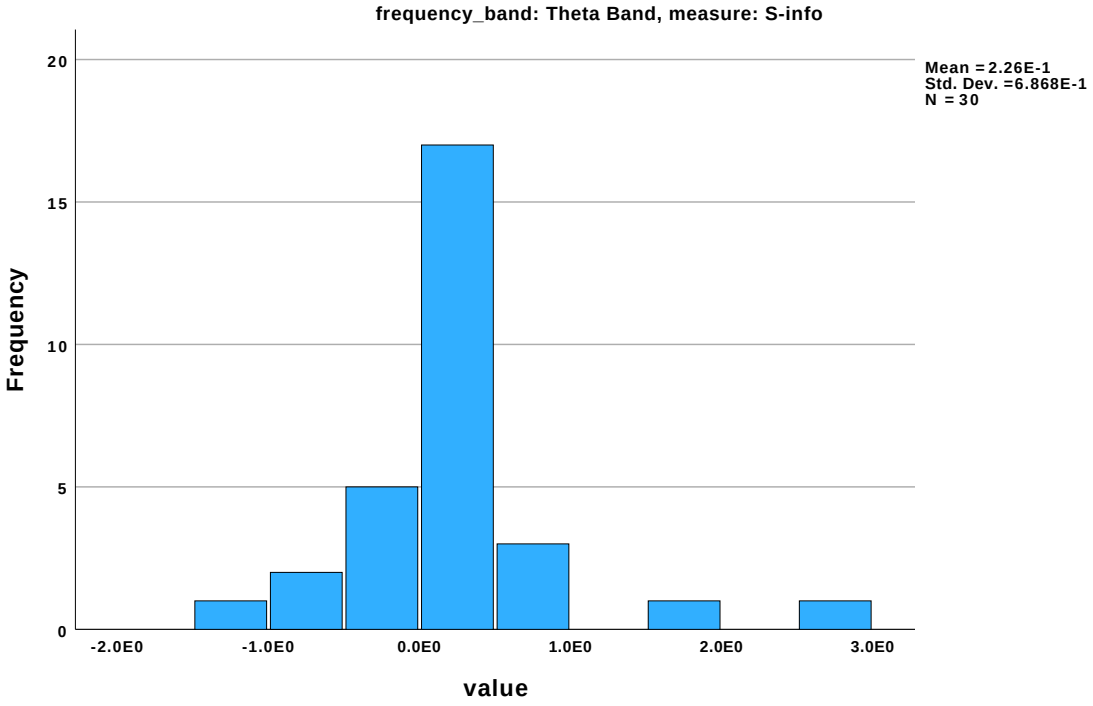

frequency_band: Gamma Band, measure: O-info
Mean = 9.63E-2
Std. Dev. =3.869E-1
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

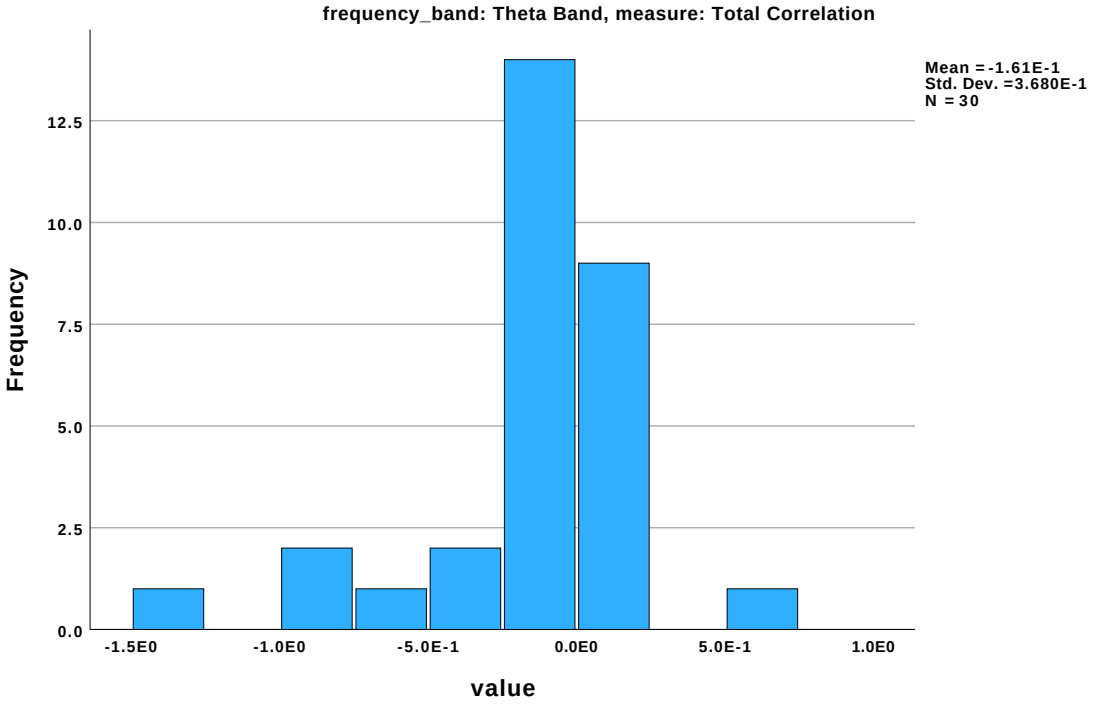

frequency_band: Gamma Band, measure: S-info
Mean = -3.25E-1
Std. Dev. =1.055E0
N = 30
Frequency
10
8
6
4
2
0
-3.0E0
-2.0E0
-1.0E0
0.0E0
1.0E0
2.0E0
3.0E0
value

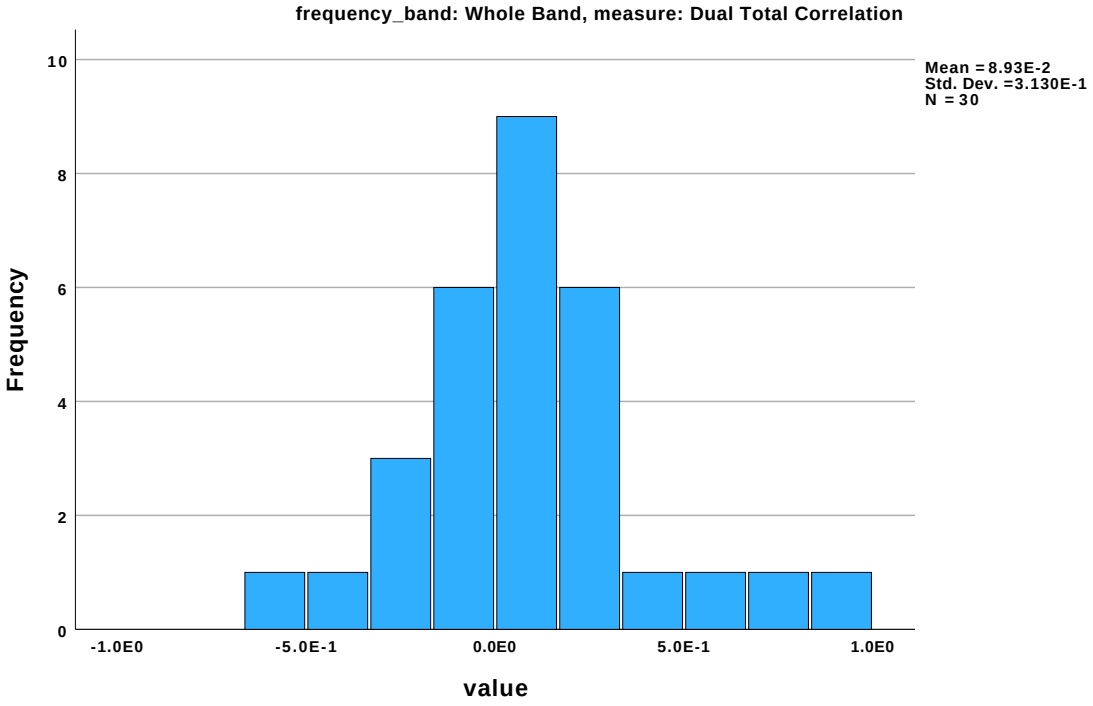

frequency_band: Gamma Band, measure: Total Correlation
Mean = -1.83E-1
Std. Dev. =6.117E-1
N = 30
Frequency
8
6
4
2
0
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
1.5E0
value

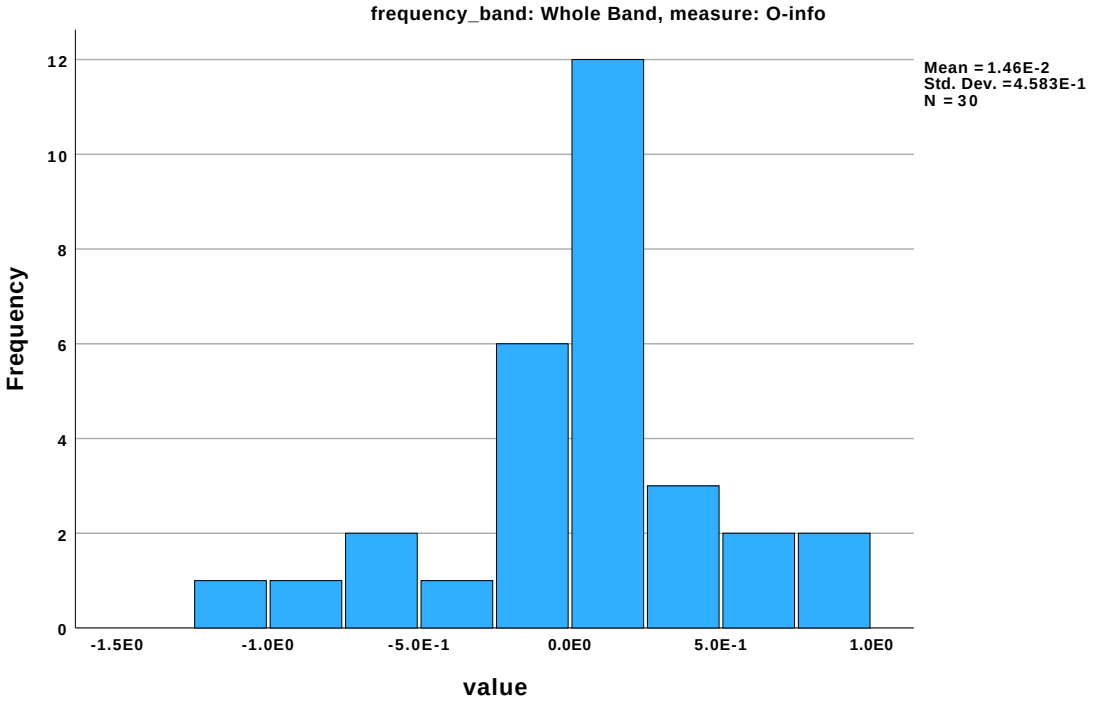

frequency_band: Theta Band, measure: Dual Total Correlation
Mean = 7.51E-2
Std. Dev. =3.473E-1
N = 30
Frequency
15
10
5
0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
1.5E0
value

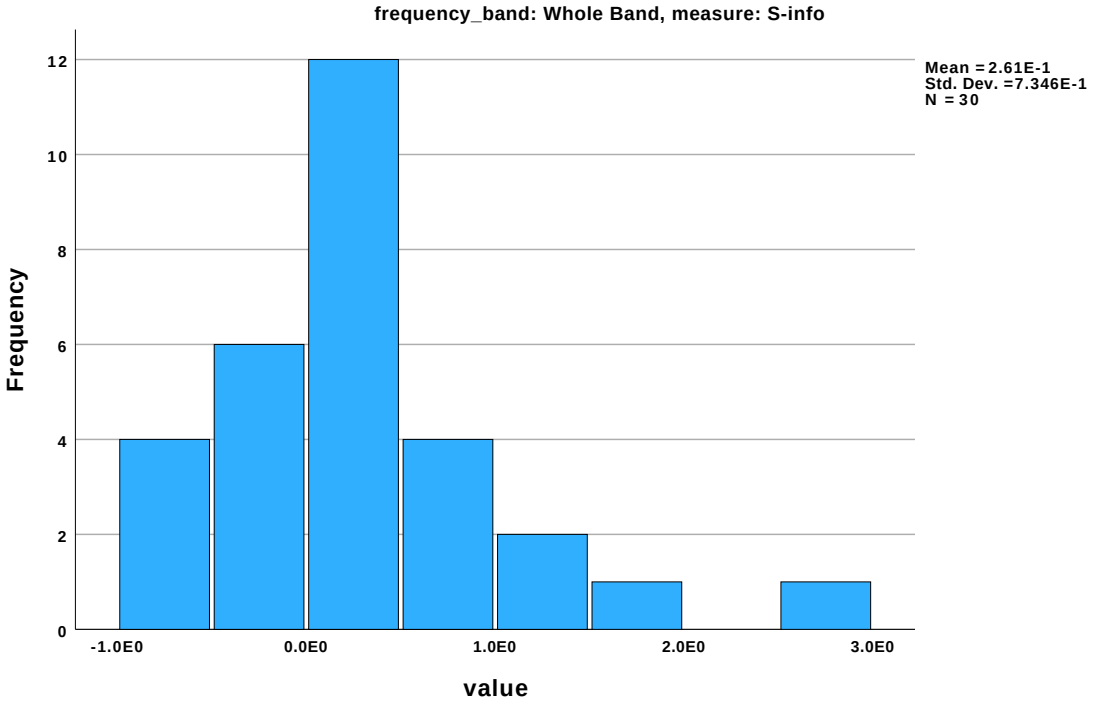

frequency_band: Theta Band, measure: O-info
Mean = 7.49E-2
Std. Dev. =4.281E-1
N = 30
Frequency
12
10
8
6
4
2
0
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value

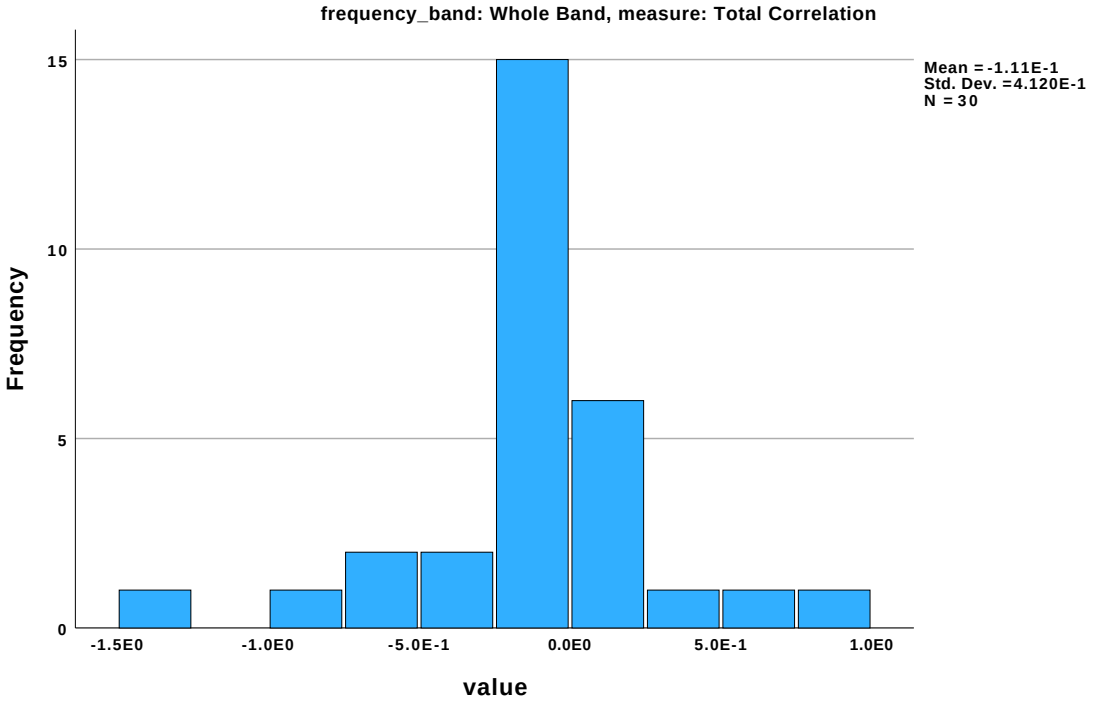

frequency_band: Theta Band, measure: S-info
Mean = 2.26E-1
Std. Dev. =6.868E-1
N = 30
Frequency
20
15
10
5
0
-2.0E0
-1.0E0
0.0E0
1.0E0
2.0E0
3.0E0
value


frequency_band: Theta Band, measure: Total Correlation
Mean = -1.61E-1
Std. Dev. =3.680E-1
N = 30
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value


frequency_band: Whole Band, measure: Dual Total Correlation
Mean = 8.93E-2
Std. Dev. =3.130E-1
N = 30
Frequency
0
2
4
6
8
10
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value


frequency_band: Whole Band, measure: O-info
Mean = 1.46E-2
Std. Dev. =4.583E-1
N = 30
Frequency
0
2
4
6
8
10
12
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value


frequency_band: Whole Band, measure: S-info
Mean = 2.61E-1
Std. Dev. =7.346E-1
N = 30
Frequency
12
10
8
6
4
2
0
-1.0E0
0.0E0
1.0E0
2.0E0
3.0E0
value


frequency_band: Whole Band, measure: Total Correlation
Mean = -1.11E-1
Std. Dev. =4.120E-1
N = 30
Frequency
15
10
5
0
-1.5E0
-1.0E0
-5.0E-1
0.0E0
5.0E-1
1.0E0
value