NPar Tests

Notes

Output Created		25-MAR-2025 19:28:50
Comments		
Input	**Active Dataset**	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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= CDIIncidence BY FacilityType(0 1) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	**Processor Time**	00:00:00.01
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	0	50	57.78	2889.00
	1	37	25.38	939.00
	Total	87		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	236.000
Wilcoxon W	939.000
Z	-5.917
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: FacilityType

NPar Tests

Notes

Output Created		25-MAR-2025 19:37:49
Comments		
Input	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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= CDIIncidence BY FacilityType(0 2) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	0	50	57.59	2879.50
	2	42	33.30	1398.50
	Total	92		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	495.500
Wilcoxon W	1398.500
Z	-4.347
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: FacilityType

NPar Tests

Notes

Output Created		25-MAR-2025 19:38:05
Comments		
Input	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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= CDIIncidence BY FacilityType(0 3) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	0	50	41.12	2056.00
	3	26	33.46	870.00
	Total	76		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	519.000
Wilcoxon W	870.000
Z	-1.434
Asymp. Sig. (2-tailed)	.151

a. Grouping Variable: FacilityType

NPar Tests

Notes

Output Created		**25-MAR-2025 19:38:28**
Comments		
Input	**Active Dataset**	DataSet4
	Filter	**\<none\>**
	Weight	**\<none\>**
	Split File	**\<none\>**
	N of Rows in Working Data File	**155**
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= CDIIncidence BY FacilityType(1 2) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	**Processor Time**	**00:00:00.00**
	Elapsed Time	**00:00:00.00**
	Number of Cases Allowed[a]	**449389**

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	1	37	31.77	1175.50
	2	42	47.25	1984.50
	Total	79		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	472.500
Wilcoxon W	1175.500
Z	-2.993
Asymp. Sig. (2-tailed)	.003

a. Grouping Variable:
FacilityType

NPar Tests

Notes

Output Created		25-MAR-2025 19:39:04
Comments		
Input	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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= CDIIncidence BY FacilityType(1 3) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

a. Based on availability of workspace memory.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	1	37	20.64	763.50
	3	26	48.17	1252.50
	Total	63		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	60.500
Wilcoxon W	763.500
Z	-5.873
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: FacilityType

NPar Tests

Notes

Output Created		25-MAR-2025 19:40:21
Comments		
Input	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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= CDIIncidence BY FacilityType(2 3) /STATISTICS=DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00
	Number of Cases Allowed[a]	449389

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
CDIIncidence	155	79.48	129.203	0	820
FacilityType	155	1.28	1.092	0	3

Mann-Whitney Test

Ranks

	FacilityType	N	Mean Rank	Sum of Ranks
CDIIncidence	2	42	28.24	1186.00
	3	26	44.62	1160.00
	Total	68		

Test Statistics[a]

	CDIIncidence
Mann-Whitney U	283.000
Wilcoxon W	1186.000
Z	-3.320
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: FacilityType