```
EXAMINE VARIABLES=HeartDisease BY Age Sex ChestPainType BP Cholesterol FBSOver
120 EKGResults MaxHR
    ExcerciseAngina STDepression SlopeOfST NoOfVesselsFluro Thallium
  /PLOT BOXPLOT STEMLEAF HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		29-DEC-2021 12:39:48
Comments		
Input	Data	C:\Users\Dilawar Asad\Desktop\HeartDisease.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	270
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.

Notes

Syntax		EXAMINE VARIABLES=HeartDisease BY Age Sex ChestPainType BP Cholesterol FBSOver120 EKGResults MaxHR ExcerciseAngina STDepression SlopeOfST NoOfVesselsFluro Thallium /PLOT BOXPLOT STEMLEAF HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:01:46.89
	Elapsed Time	00:01:46.72

Warnings

HeartDisease is constant when Age = 29.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Age = 38.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Age = 74.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Age = 76.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Age = 77.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 101.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 104.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 106.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when BP = 117.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 123.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 129.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 144.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 146.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 148.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 155.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 156.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 158.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 165.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 172.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 174.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 192.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when BP = 200.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when Cholesterol = 126.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 141.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 160.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 164.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 166.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 167.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 168.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 172.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 174.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 175.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 178.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 180.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 182.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 183.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when Cholesterol = 184.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 185.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 186.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 192.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 193.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 195.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 200.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 205.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 210.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 215.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 216.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 217.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 220.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 221.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when Cholesterol = 224.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 225.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 227.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 232.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 237.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 242.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 247.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 252.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 253.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 257.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 259.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 262.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 264.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 276.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when Cholesterol = 281.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 284.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 290.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 293.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 300.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 306.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 307.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 311.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 313.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 318.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 319.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 321.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 322.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 326.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when Cholesterol = 327.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 335.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 340.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 341.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 353.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 354.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 360.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 394.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 407.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 409.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 417.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when Cholesterol = 564.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 71.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 88.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when MaxHR = 95.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 97.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 99.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 106.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 113.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 115.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 117.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 118.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 121.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 123.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 124.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 127.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 128.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 129.00. It will be included in any boxplots produced but other output will be omitted.

Warnings

HeartDisease is constant when MaxHR = 134.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 136.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 137.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 164.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 167.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 177.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 184.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 185.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 187.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 188.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 190.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 192.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 194.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when MaxHR = 195.00. It will be included in any boxplots produced but other output will be omitted.

Warnings
HeartDisease is constant when MaxHR = 202.00. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = .70. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 1.30. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 2.10. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 2.90. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 3.10. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 3.50. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 3.80. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 5.60. It will be included in any boxplots produced but other output will be omitted.
HeartDisease is constant when STDepression = 6.20. It will be included in any boxplots produced but other output will be omitted.

Age

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Age	N	Percent	N	Percent	N	Percent
HeartDisease	29.00	1	100.0%	0	0.0%	1	100.0%
	34.00	2	100.0%	0	0.0%	2	100.0%
	35.00	3	100.0%	0	0.0%	3	100.0%
	37.00	2	100.0%	0	0.0%	2	100.0%
	38.00	1	100.0%	0	0.0%	1	100.0%
	39.00	3	100.0%	0	0.0%	3	100.0%
	40.00	3	100.0%	0	0.0%	3	100.0%
	41.00	9	100.0%	0	0.0%	9	100.0%
	42.00	8	100.0%	0	0.0%	8	100.0%
	43.00	7	100.0%	0	0.0%	7	100.0%
	44.00	10	100.0%	0	0.0%	10	100.0%
	45.00	7	100.0%	0	0.0%	7	100.0%
	46.00	7	100.0%	0	0.0%	7	100.0%
	47.00	4	100.0%	0	0.0%	4	100.0%
	48.00	7	100.0%	0	0.0%	7	100.0%
	49.00	5	100.0%	0	0.0%	5	100.0%
	50.00	7	100.0%	0	0.0%	7	100.0%
	51.00	12	100.0%	0	0.0%	12	100.0%
	52.00	11	100.0%	0	0.0%	11	100.0%
	53.00	7	100.0%	0	0.0%	7	100.0%
	54.00	16	100.0%	0	0.0%	16	100.0%
	55.00	6	100.0%	0	0.0%	6	100.0%
	56.00	9	100.0%	0	0.0%	9	100.0%
	57.00	12	100.0%	0	0.0%	12	100.0%
	58.00	15	100.0%	0	0.0%	15	100.0%
	59.00	12	100.0%	0	0.0%	12	100.0%
	60.00	12	100.0%	0	0.0%	12	100.0%
	61.00	7	100.0%	0	0.0%	7	100.0%
	62.00	11	100.0%	0	0.0%	11	100.0%
	63.00	7	100.0%	0	0.0%	7	100.0%
	64.00	9	100.0%	0	0.0%	9	100.0%
	65.00	8	100.0%	0	0.0%	8	100.0%
	66.00	6	100.0%	0	0.0%	6	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Age	N	Percent	N	Percent	N	Percent
	67.00	8	100.0%	0	0.0%	8	100.0%
	68.00	3	100.0%	0	0.0%	3	100.0%
	69.00	3	100.0%	0	0.0%	3	100.0%
	70.00	4	100.0%	0	0.0%	4	100.0%
	71.00	3	100.0%	0	0.0%	3	100.0%
	74.00	1	100.0%	0	0.0%	1	100.0%
	76.00	1	100.0%	0	0.0%	1	100.0%
	77.00	1	100.0%	0	0.0%	1	100.0%

Descriptives[a,b,c,d,e]

	Age			Statistic	Std. Error
HeartDisease	34.00	Mean		.00	.000
		95% Confidence Interval for Mean	Lower Bound	.00	
			Upper Bound	.00	
		5% Trimmed Mean		.00	
		Median		.00	
		Variance		.000	
		Std. Deviation		.000	
		Minimum		0	
		Maximum		0	
		Range		0	
		Interquartile Range		0	
		Skewness		.	.
		Kurtosis		.	.
	35.00	Mean		.67	.333
		95% Confidence Interval for Mean	Lower Bound	-.77	
			Upper Bound	2.10	
		5% Trimmed Mean		.	
		Median		1.00	
		Variance		.333	
		Std. Deviation		.577	
		Minimum		0	
		Maximum		1	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
37.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
39.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
40.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
41.00	Mean		.11	.111
	95% Confidence Interval for Mean	Lower Bound	-.15	
		Upper Bound	.37	
	5% Trimmed Mean		.07	
	Median		.00	
	Variance		.111	
	Std. Deviation		.333	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		3.000	.717
	Kurtosis		9.000	1.400
42.00	Mean		.13	.125
	95% Confidence Interval for Mean	Lower Bound	-.17	
		Upper Bound	.42	
	5% Trimmed Mean		.08	
	Median		.00	
	Variance		.125	
	Std. Deviation		.354	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		2.828	.752
	Kurtosis		8.000	1.481
43.00	Mean		.29	.184

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	-.17	
		Upper Bound	.74	
	5% Trimmed Mean		.26	
	Median		.00	
	Variance		.238	
	Std. Deviation		.488	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		1.230	.794
	Kurtosis		-.840	1.587
44.00	Mean		.20	.133
	95% Confidence Interval for Mean	Lower Bound	-.10	
		Upper Bound	.50	
	5% Trimmed Mean		.17	
	Median		.00	
	Variance		.178	
	Std. Deviation		.422	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		1.779	.687
	Kurtosis		1.406	1.334
45.00	Mean		.14	.143
	95% Confidence Interval for Mean	Lower Bound	-.21	
		Upper Bound	.49	
	5% Trimmed Mean		.10	
	Median		.00	
	Variance		.143	
	Std. Deviation		.378	
	Minimum		0	
	Maximum		1	
	Range		1	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Interquartile Range		0	
	Skewness		2.646	.794
	Kurtosis		7.000	1.587
46.00	Mean		.43	.202
	95% Confidence Interval for Mean	Lower Bound	-.07	
		Upper Bound	.92	
	5% Trimmed Mean		.42	
	Median		.00	
	Variance		.286	
	Std. Deviation		.535	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.374	.794
	Kurtosis		-2.800	1.587
47.00	Mean		.50	.289
	95% Confidence Interval for Mean	Lower Bound	-.42	
		Upper Bound	1.42	
	5% Trimmed Mean		.50	
	Median		.50	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.000	1.014
	Kurtosis		-6.000	2.619
48.00	Mean		.43	.202
	95% Confidence Interval for Mean	Lower Bound	-.07	
		Upper Bound	.92	
	5% Trimmed Mean		.42	
	Median		.00	
	Variance		.286	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Std. Deviation		.535	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.374	.794
	Kurtosis		-2.800	1.587
49.00	Mean		.40	.245
	95% Confidence Interval for Mean	Lower Bound	-.28	
		Upper Bound	1.08	
	5% Trimmed Mean		.39	
	Median		.00	
	Variance		.300	
	Std. Deviation		.548	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.609	.913
	Kurtosis		-3.333	2.000
50.00	Mean		.43	.202
	95% Confidence Interval for Mean	Lower Bound	-.07	
		Upper Bound	.92	
	5% Trimmed Mean		.42	
	Median		.00	
	Variance		.286	
	Std. Deviation		.535	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.374	.794
	Kurtosis		-2.800	1.587
51.00	Mean		.25	.131

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	-.04	
		Upper Bound	.54	
	5% Trimmed Mean		.22	
	Median		.00	
	Variance		.205	
	Std. Deviation		.452	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		1.327	.637
	Kurtosis		-.326	1.232
52.00	Mean		.27	.141
	95% Confidence Interval for Mean	Lower Bound	-.04	
		Upper Bound	.59	
	5% Trimmed Mean		.25	
	Median		.00	
	Variance		.218	
	Std. Deviation		.467	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		1.189	.661
	Kurtosis		-.764	1.279
53.00	Mean		.29	.184
	95% Confidence Interval for Mean	Lower Bound	-.17	
		Upper Bound	.74	
	5% Trimmed Mean		.26	
	Median		.00	
	Variance		.238	
	Std. Deviation		.488	
	Minimum		0	
	Maximum		1	
	Range		1	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Interquartile Range		1	
	Skewness		1.230	.794
	Kurtosis		-.840	1.587
54.00	Mean		.38	.125
	95% Confidence Interval for Mean	Lower Bound	.11	
		Upper Bound	.64	
	5% Trimmed Mean		.36	
	Median		.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.571	.564
	Kurtosis		-1.934	1.091
55.00	Mean		.67	.211
	95% Confidence Interval for Mean	Lower Bound	.12	
		Upper Bound	1.21	
	5% Trimmed Mean		.69	
	Median		1.00	
	Variance		.267	
	Std. Deviation		.516	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.968	.845
	Kurtosis		-1.875	1.741
56.00	Mean		.67	.167
	95% Confidence Interval for Mean	Lower Bound	.28	
		Upper Bound	1.05	
	5% Trimmed Mean		.69	
	Median		1.00	
	Variance		.250	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.857	.717
	Kurtosis		-1.714	1.400
57.00	Mean		.42	.149
	95% Confidence Interval for Mean	Lower Bound	.09	
		Upper Bound	.74	
	5% Trimmed Mean		.41	
	Median		.00	
	Variance		.265	
	Std. Deviation		.515	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.388	.637
	Kurtosis		-2.263	1.232
58.00	Mean		.67	.126
	95% Confidence Interval for Mean	Lower Bound	.40	
		Upper Bound	.94	
	5% Trimmed Mean		.69	
	Median		1.00	
	Variance		.238	
	Std. Deviation		.488	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.788	.580
	Kurtosis		-1.615	1.121
59.00	Mean		.58	.149

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.26	
		Upper Bound	.91	
	5% Trimmed Mean		.59	
	Median		1.00	
	Variance		.265	
	Std. Deviation		.515	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.388	.637
	Kurtosis		-2.263	1.232
60.00	Mean		.75	.131
	95% Confidence Interval for Mean	Lower Bound	.46	
		Upper Bound	1.04	
	5% Trimmed Mean		.78	
	Median		1.00	
	Variance		.205	
	Std. Deviation		.452	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-1.327	.637
	Kurtosis		-.326	1.232
61.00	Mean		.86	.143
	95% Confidence Interval for Mean	Lower Bound	.51	
		Upper Bound	1.21	
	5% Trimmed Mean		.90	
	Median		1.00	
	Variance		.143	
	Std. Deviation		.378	
	Minimum		0	
	Maximum		1	
	Range		1	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Interquartile Range		0	
	Skewness		-2.646	.794
	Kurtosis		7.000	1.587
62.00	Mean		.64	.152
	95% Confidence Interval for Mean	Lower Bound	.30	
		Upper Bound	.98	
	5% Trimmed Mean		.65	
	Median		1.00	
	Variance		.255	
	Std. Deviation		.505	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.661	.661
	Kurtosis		-1.964	1.279
63.00	Mean		.57	.202
	95% Confidence Interval for Mean	Lower Bound	.08	
		Upper Bound	1.07	
	5% Trimmed Mean		.58	
	Median		1.00	
	Variance		.286	
	Std. Deviation		.535	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.374	.794
	Kurtosis		-2.800	1.587
64.00	Mean		.44	.176
	95% Confidence Interval for Mean	Lower Bound	.04	
		Upper Bound	.85	
	5% Trimmed Mean		.44	
	Median		.00	
	Variance		.278	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Std. Deviation		.527	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.271	.717
	Kurtosis		-2.571	1.400
65.00	Mean		.50	.189
	95% Confidence Interval for Mean	Lower Bound	.05	
		Upper Bound	.95	
	5% Trimmed Mean		.50	
	Median		.50	
	Variance		.286	
	Std. Deviation		.535	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.000	.752
	Kurtosis		-2.800	1.481
66.00	Mean		.50	.224
	95% Confidence Interval for Mean	Lower Bound	-.07	
		Upper Bound	1.07	
	5% Trimmed Mean		.50	
	Median		.50	
	Variance		.300	
	Std. Deviation		.548	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.000	.845
	Kurtosis		-3.333	1.741
67.00	Mean		.63	.183

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.19	
		Upper Bound	1.06	
	5% Trimmed Mean		.64	
	Median		1.00	
	Variance		.268	
	Std. Deviation		.518	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.644	.752
	Kurtosis		-2.240	1.481
68.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
69.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	

Descriptives[a,b,c,d,e]

Age			Statistic	Std. Error
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
70.00	Mean		.75	.250
	95% Confidence Interval for Mean	Lower Bound	-.05	
		Upper Bound	1.55	
	5% Trimmed Mean		.78	
	Median		1.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-2.000	1.014
	Kurtosis		4.000	2.619
71.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.

a. HeartDisease is constant when Age = 29.00. It has been omitted.

b. HeartDisease is constant when Age = 38.00. It has been omitted.

c. HeartDisease is constant when Age = 74.00. It has been omitted.

d. HeartDisease is constant when Age = 76.00. It has been omitted.

e. HeartDisease is constant when Age = 77.00. It has been omitted.

Tests of Normality[a,c,d,e,f]

		Kolmogorov-Smirnov[b]			Shapiro-Wilk		
	Age	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	34.00	.	2	.			
	35.00	.385	3	.	.750	3	.000
	37.00	.	2	.			
	39.00	.385	3	.	.750	3	.000
	40.00	.385	3	.	.750	3	.000
	41.00	.519	9	.000	.390	9	.000
	42.00	.513	8	.000	.418	8	.000
	43.00	.435	7	.000	.600	7	.000
	44.00	.482	10	.000	.509	10	.000
	45.00	.504	7	.000	.453	7	.000
	46.00	.360	7	.007	.664	7	.001
	47.00	.307	4	.	.729	4	.024
	48.00	.360	7	.007	.664	7	.001
	49.00	.367	5	.026	.684	5	.006
	50.00	.360	7	.007	.664	7	.001
	51.00	.460	12	.000	.552	12	.000
	52.00	.448	11	.000	.572	11	.000
	53.00	.435	7	.000	.600	7	.000
	54.00	.398	16	.000	.621	16	.000
	55.00	.407	6	.002	.640	6	.001
	56.00	.414	9	.000	.617	9	.000
	57.00	.374	12	.000	.640	12	.000
	58.00	.419	15	.000	.603	15	.000
	59.00	.374	12	.000	.640	12	.000
	60.00	.460	12	.000	.552	12	.000
	61.00	.504	7	.000	.453	7	.000
	62.00	.401	11	.000	.625	11	.000
	63.00	.360	7	.007	.664	7	.001
	64.00	.356	9	.002	.655	9	.000
	65.00	.325	8	.013	.665	8	.001
	66.00	.319	6	.056	.683	6	.004
	67.00	.391	8	.001	.641	8	.000
	68.00	.385	3	.	.750	3	.000
	69.00	.385	3	.	.750	3	.000

Tests of Normality[a,c,d,e,f]

		Kolmogorov-Smirnov[b]			Shapiro-Wilk		
	Age	Statistic	df	Sig.	Statistic	df	Sig.
	70.00	.441	4	.	.630	4	.001
	71.00	.	3	.	.	3	.

a. HeartDisease is constant when Age = 29.00. It has been omitted.

b. Lilliefors Significance Correction

c. HeartDisease is constant when Age = 38.00. It has been omitted.

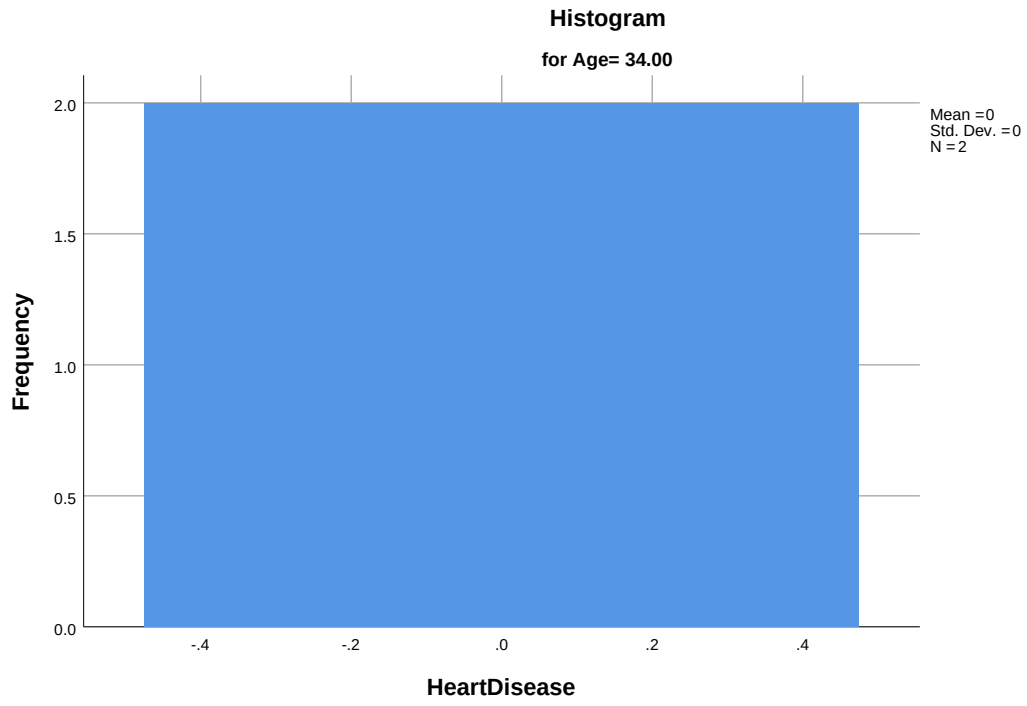
d. HeartDisease is constant when Age = 74.00. It has been omitted.

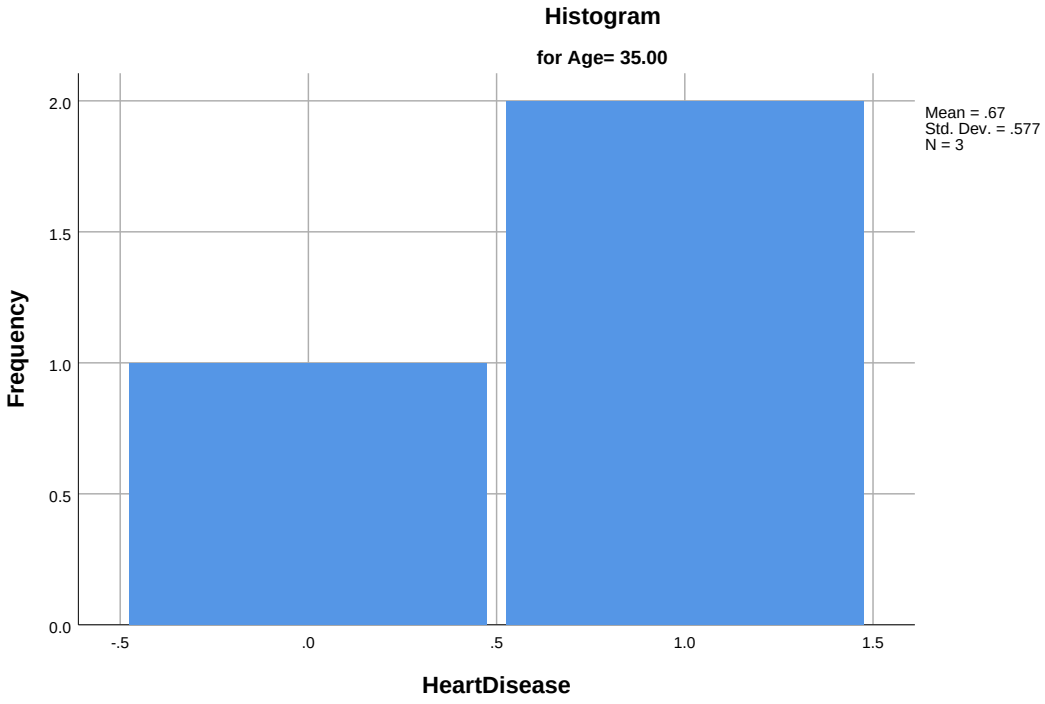
e. HeartDisease is constant when Age = 76.00. It has been omitted.

f. HeartDisease is constant when Age = 77.00. It has been omitted.

HeartDisease

Histograms




Histogram
for Age= 35.00
Mean = .67
Std. Dev. = .577
N = 3
Frequency
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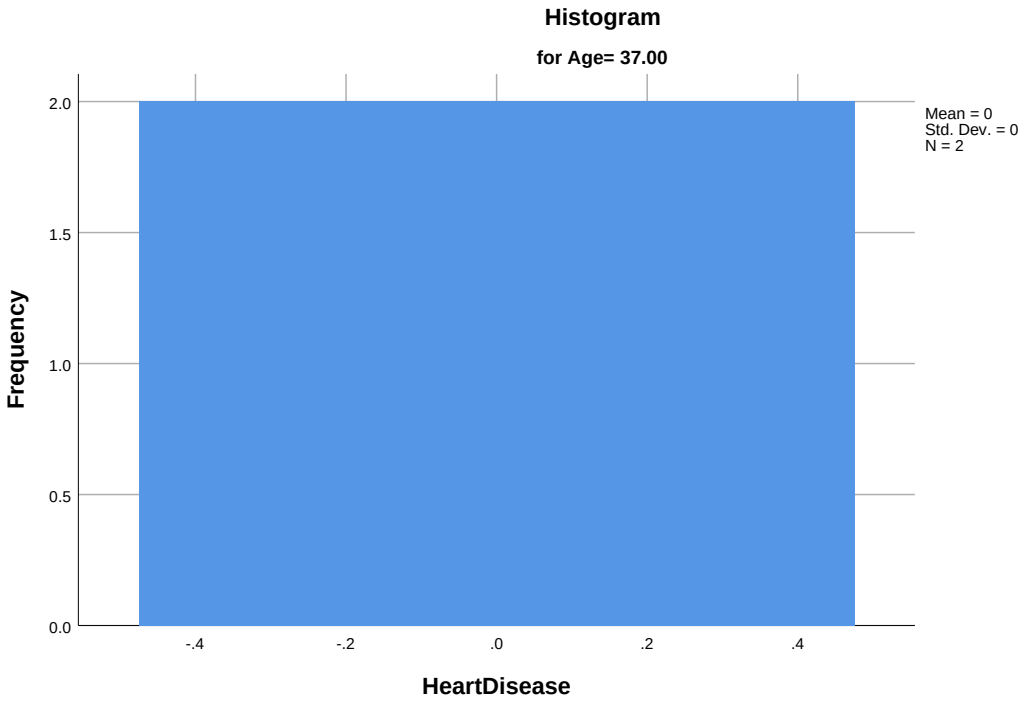
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 37.00
Mean = 0
Std. Dev. = 0
N = 2
Frequency
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0.5
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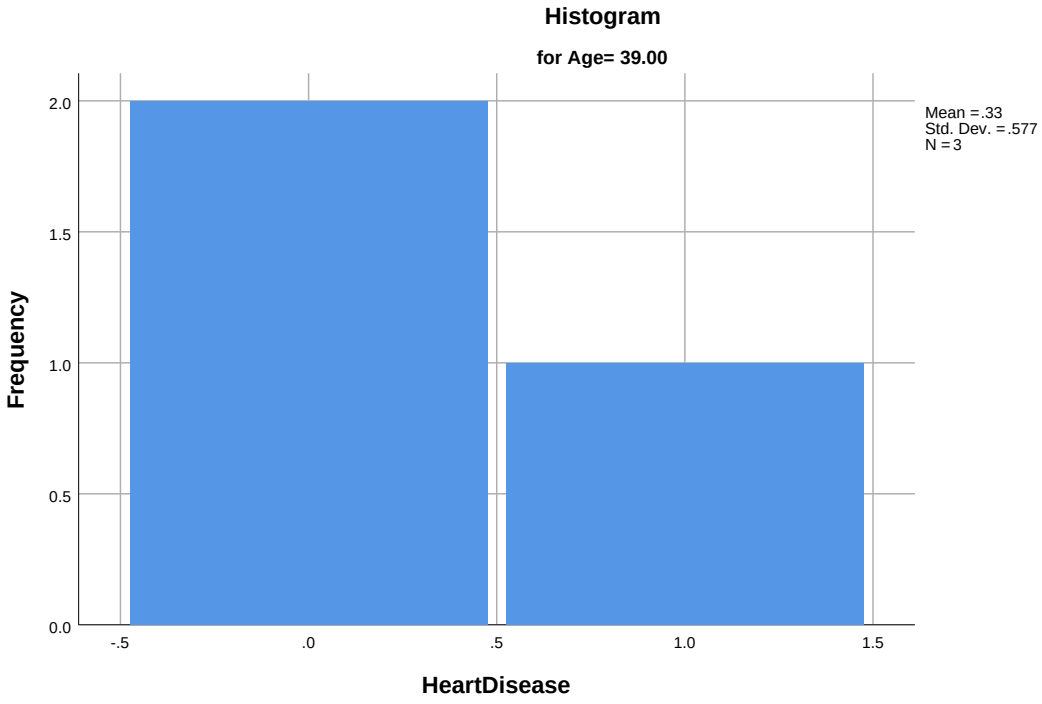
-.4
-.2
.0
.2
.4
HeartDisease


Histogram
for Age= 39.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
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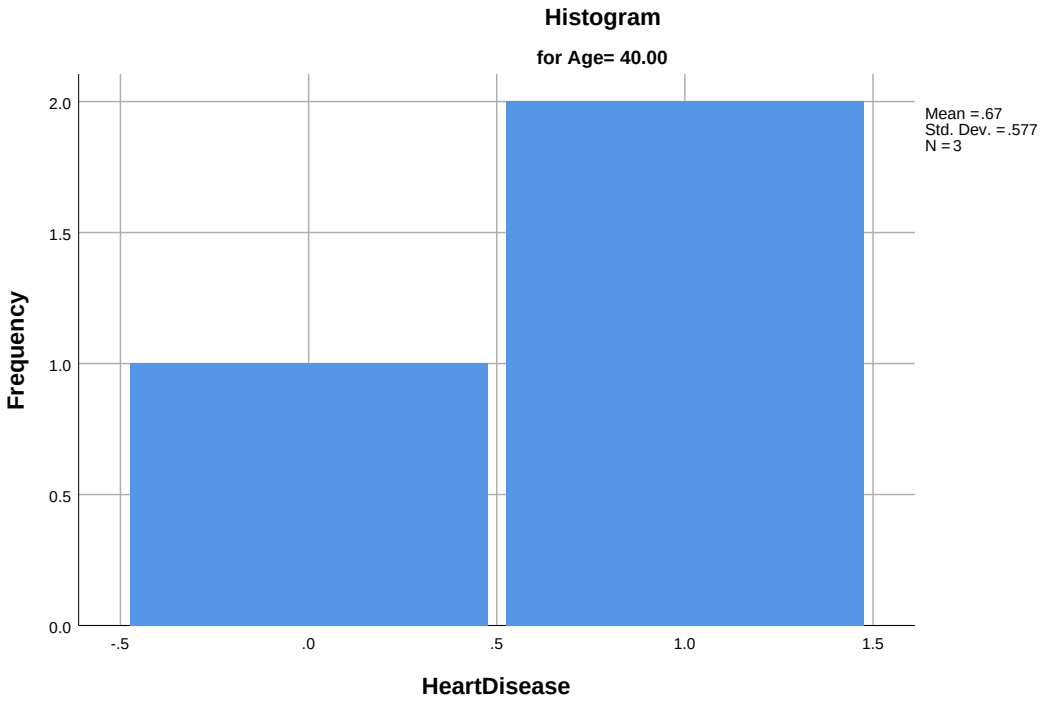
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 40.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
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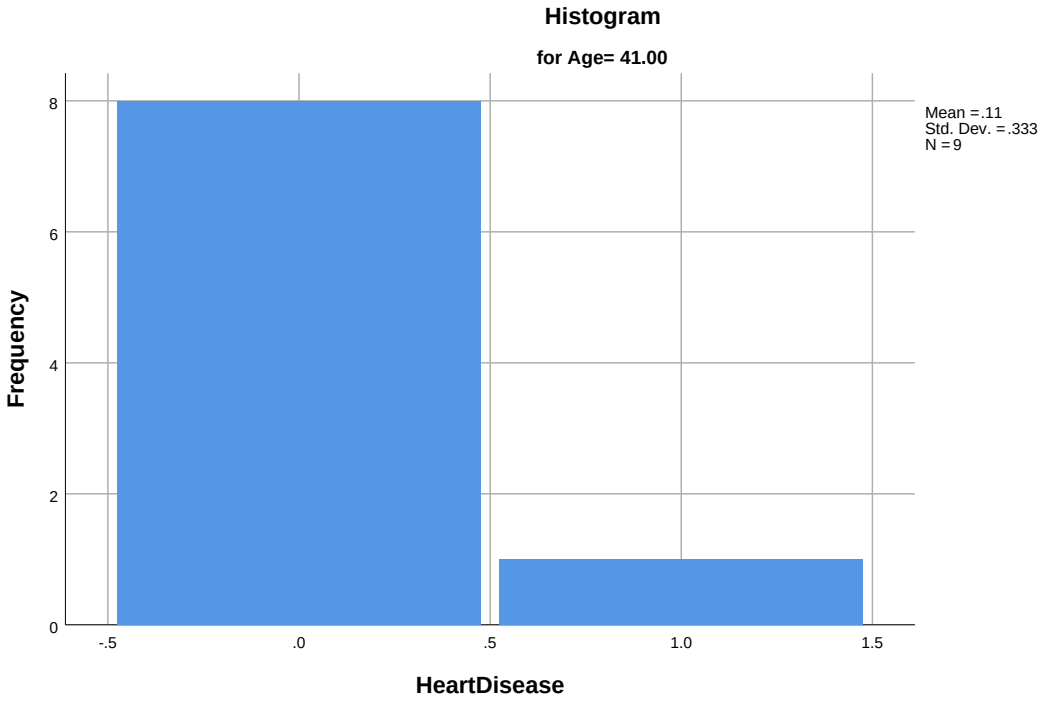
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 41.00
Mean =.11
Std. Dev. =.333
N = 9
Frequency
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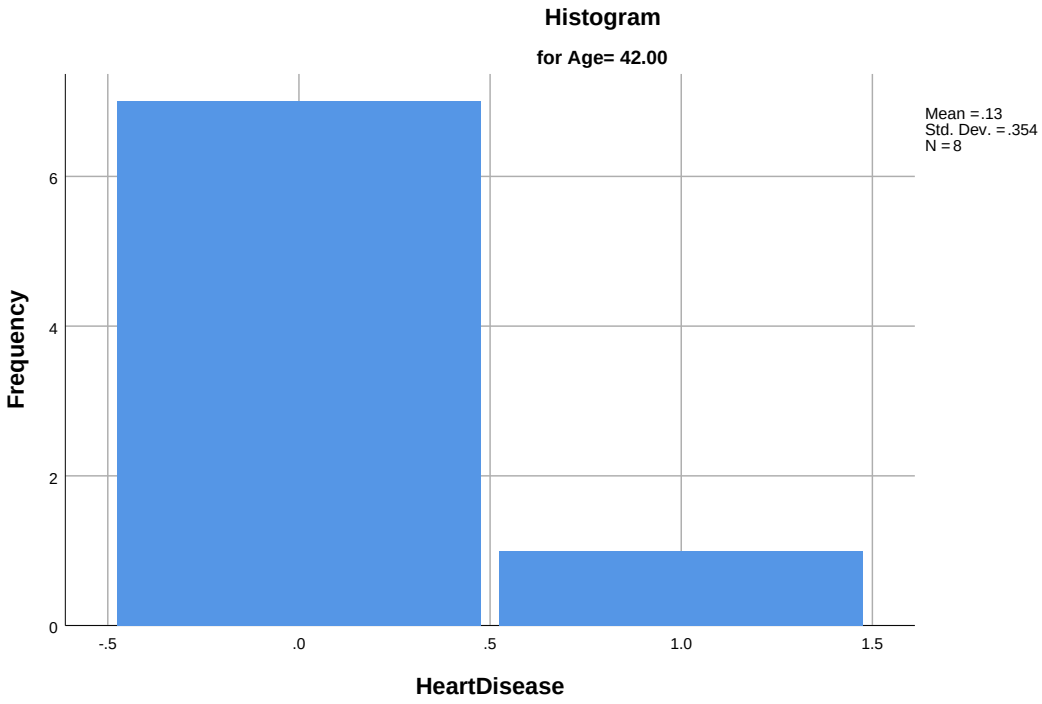
6
4
2
0
-.5
.0
.5
1.0
1.5
HeartDisease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Std. Dev. =.354
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Frequency
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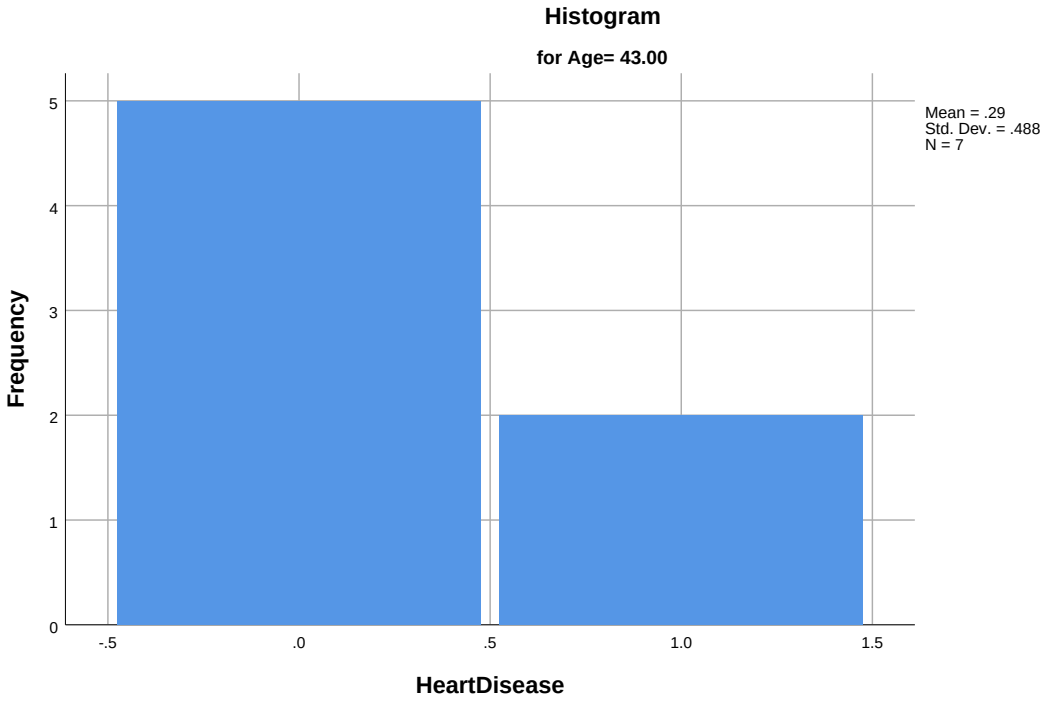
4
2
0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 43.00
Mean = .29
Std. Dev. = .488
N = 7
Frequency
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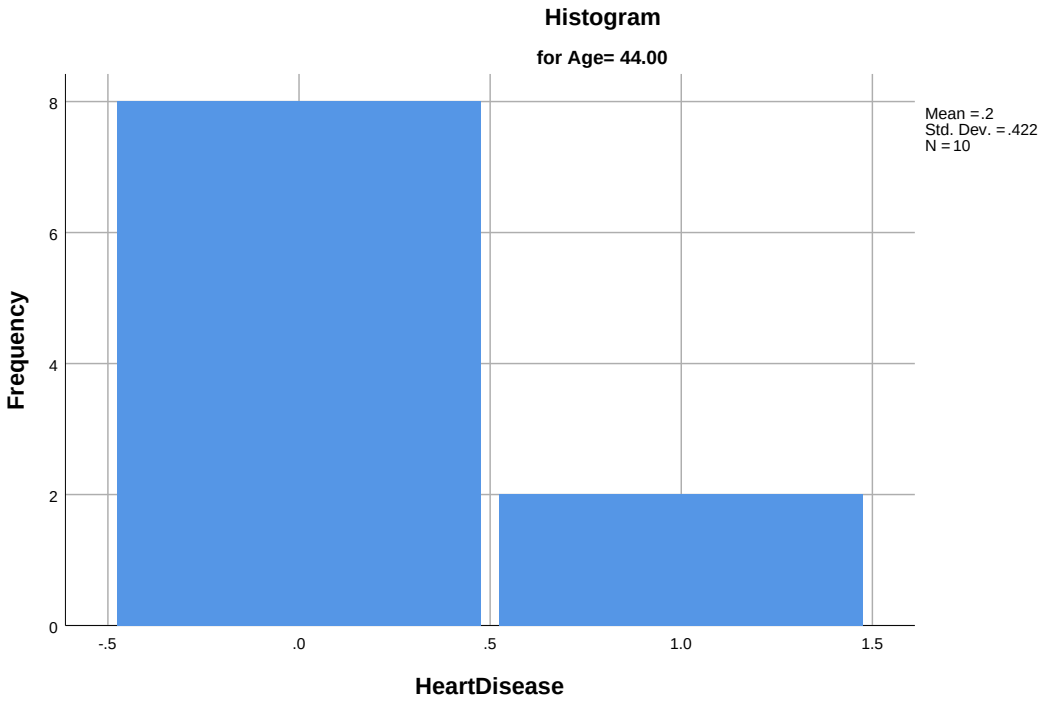
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease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Frequency
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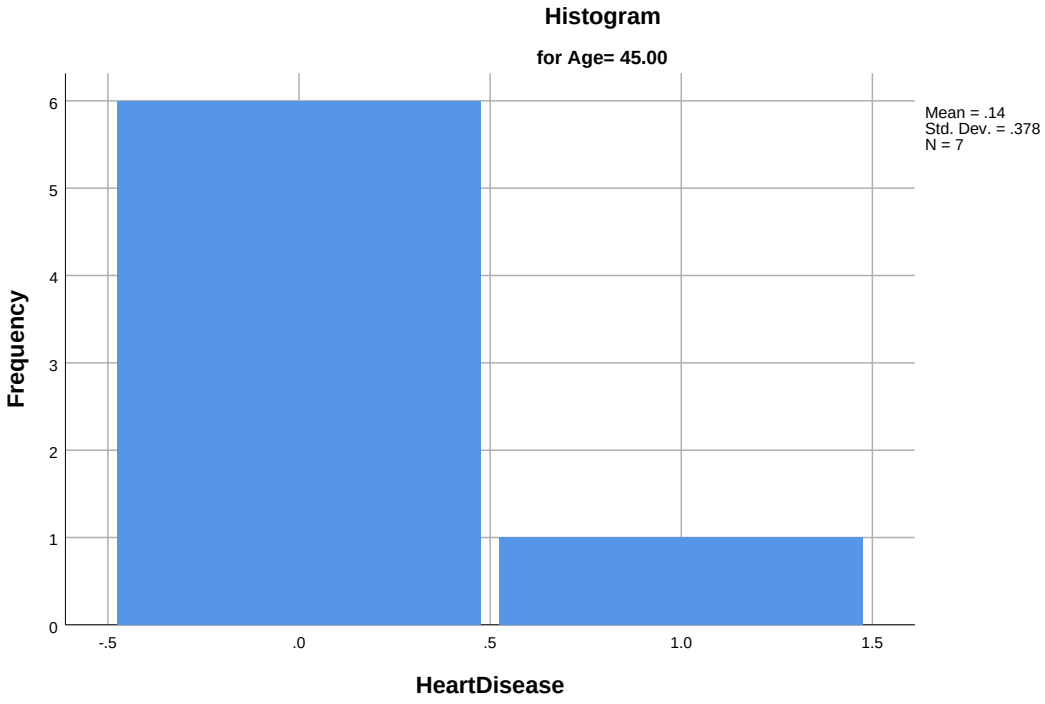
2
4
6
8
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 45.00
Mean = .14
Std. Dev. = .378
N = 7
Frequency
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2
3
4
5
6
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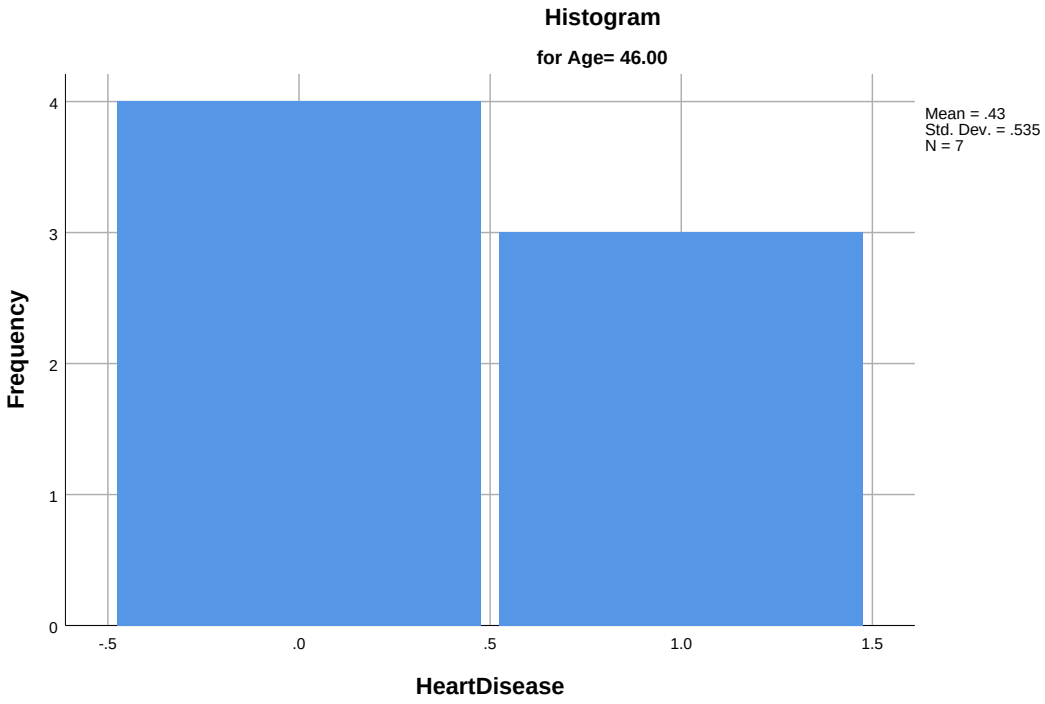
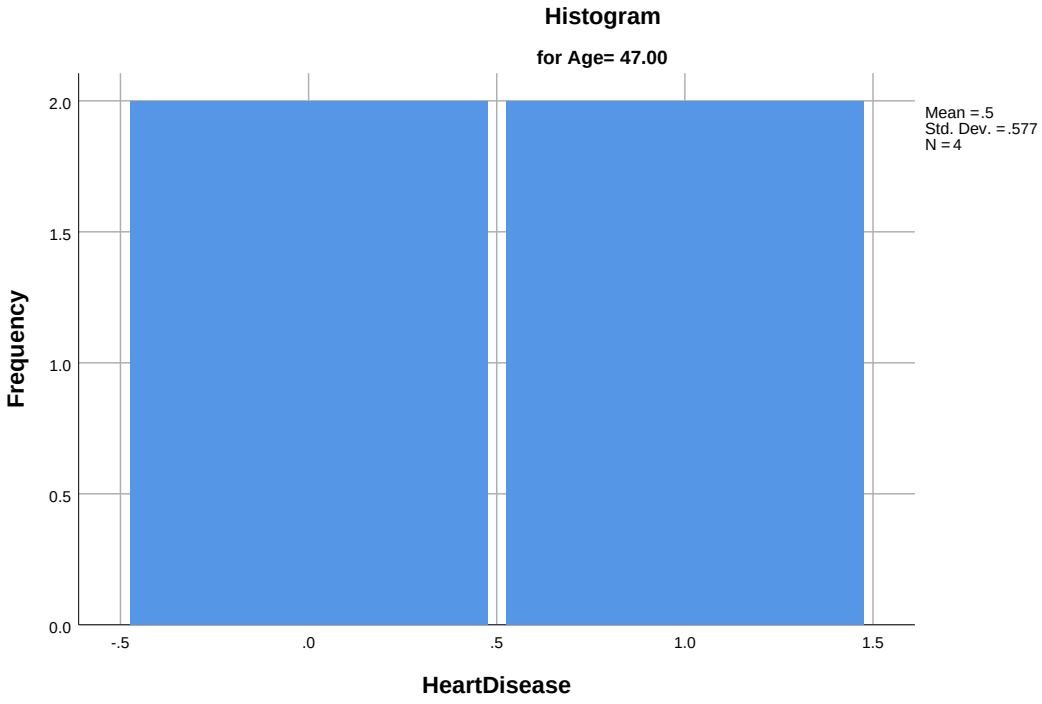
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 46.00
Mean = .43
Std. Dev. = .535
N = 7
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease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Mean =.5
Std. Dev. =.577
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1.0
0.5
0.0
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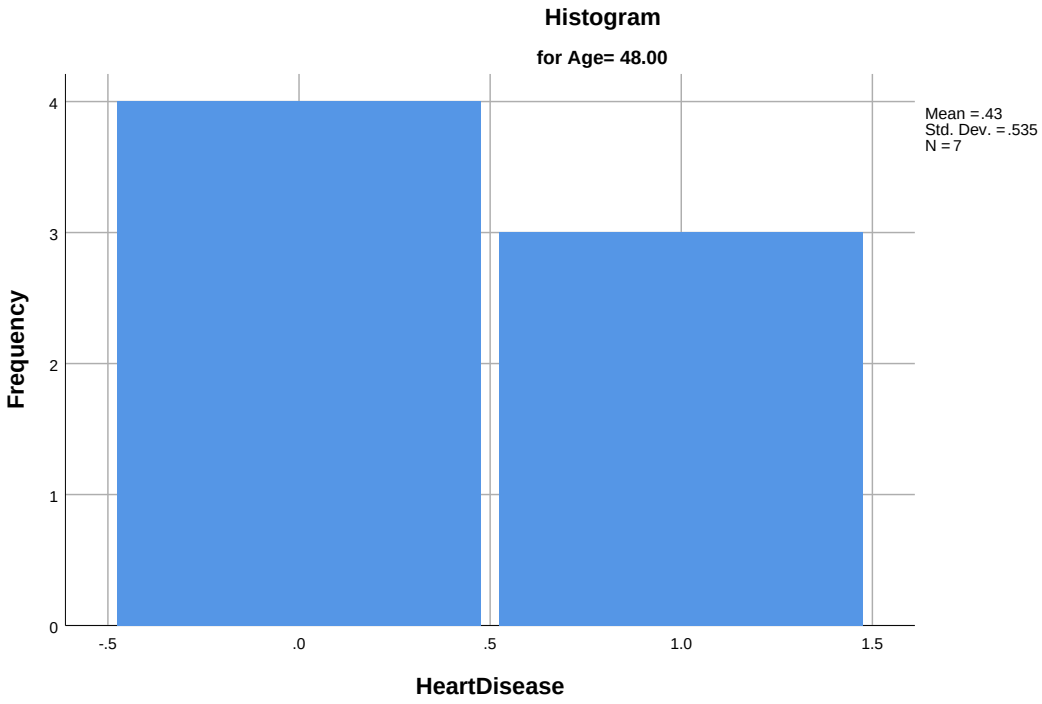
.0
.5
1.0
1.5
HeartDisease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for Age= 48.00
Mean =.43
Std. Dev. =.535
N =7
Frequency
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3
2
1
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-.5
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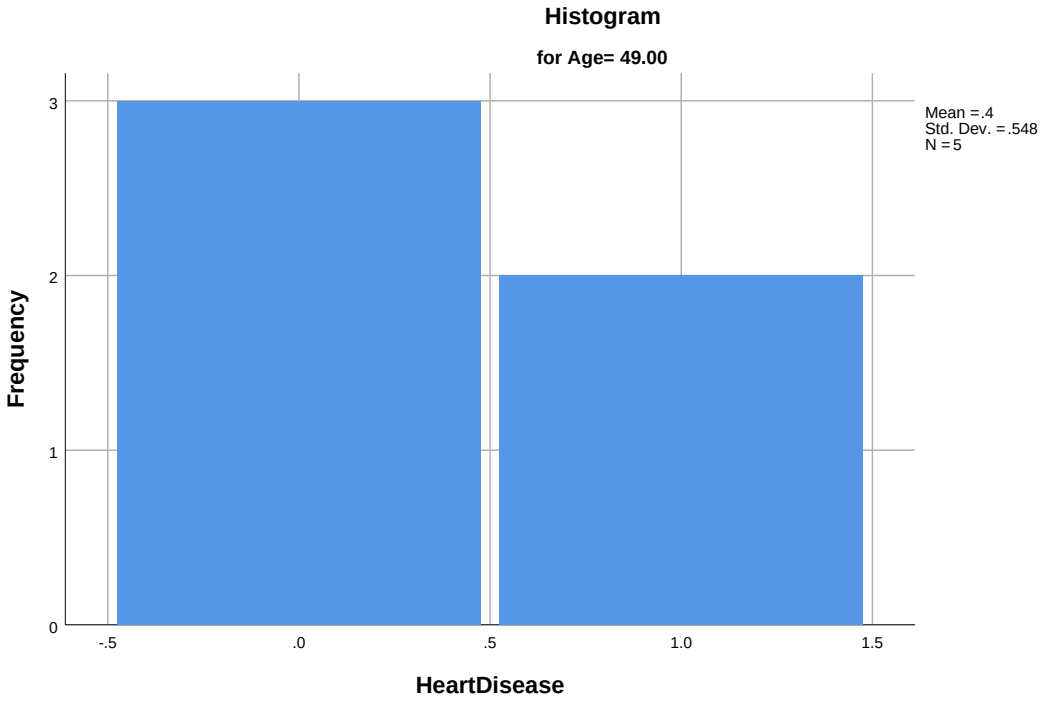
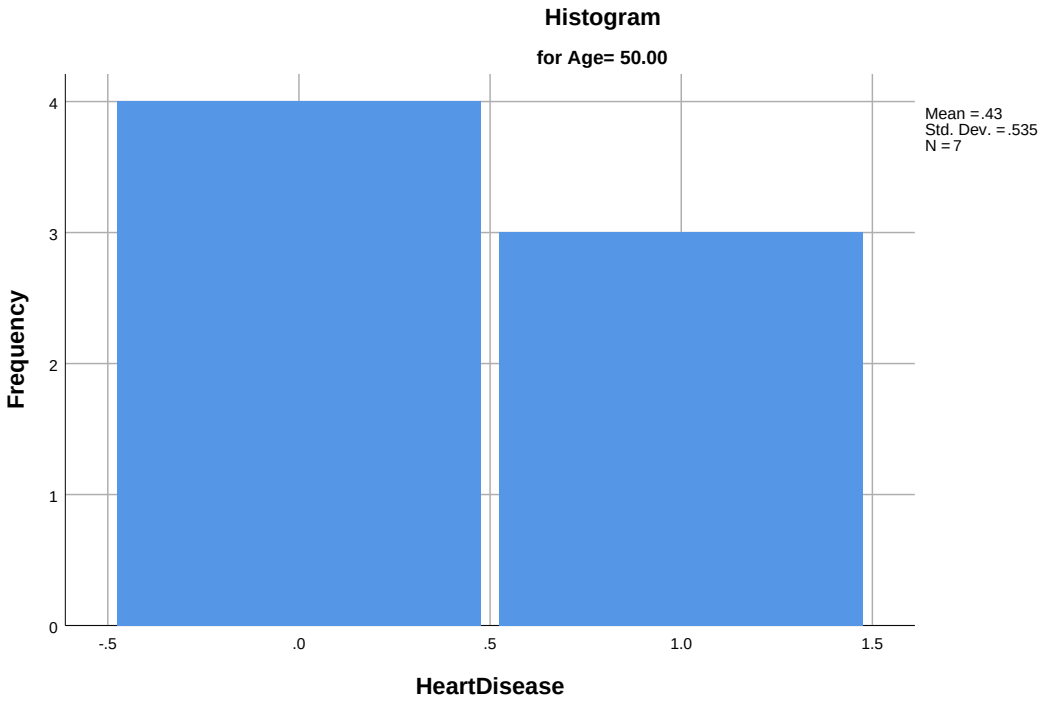
.5
1.0
1.5
HeartDisease


Histogram
for Age= 49.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
HeartDisease
0
1
2
3
-.5
.0
.5
1.0
1.5


Histogram
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Mean =.43
Std. Dev. =.535
N =7
Frequency
HeartDisease
0
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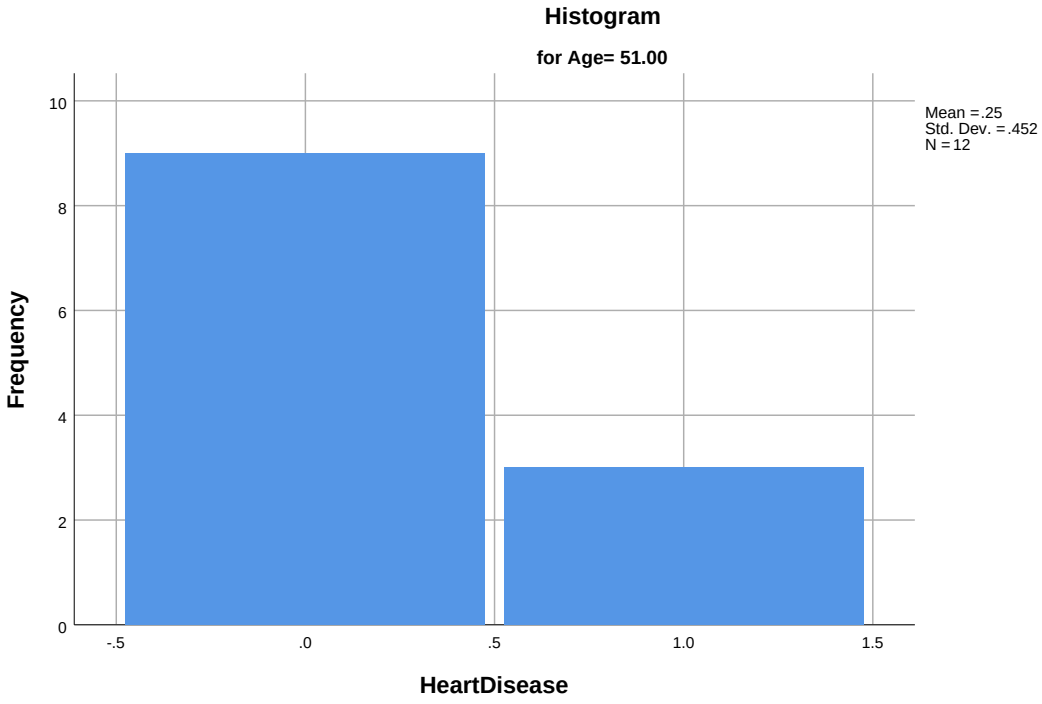
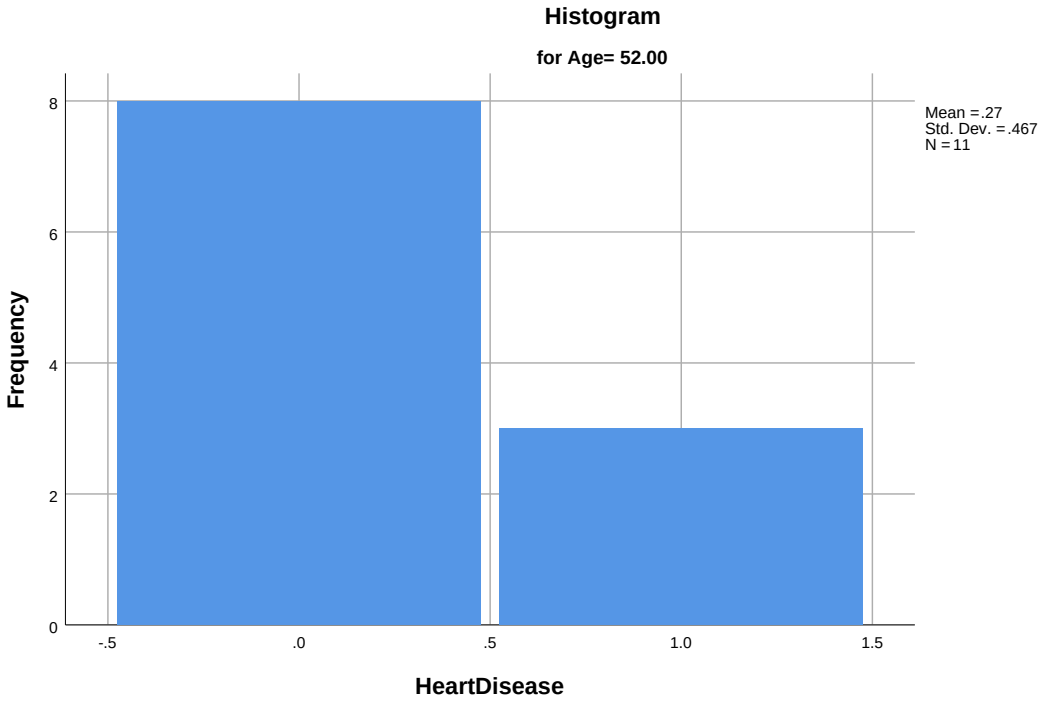
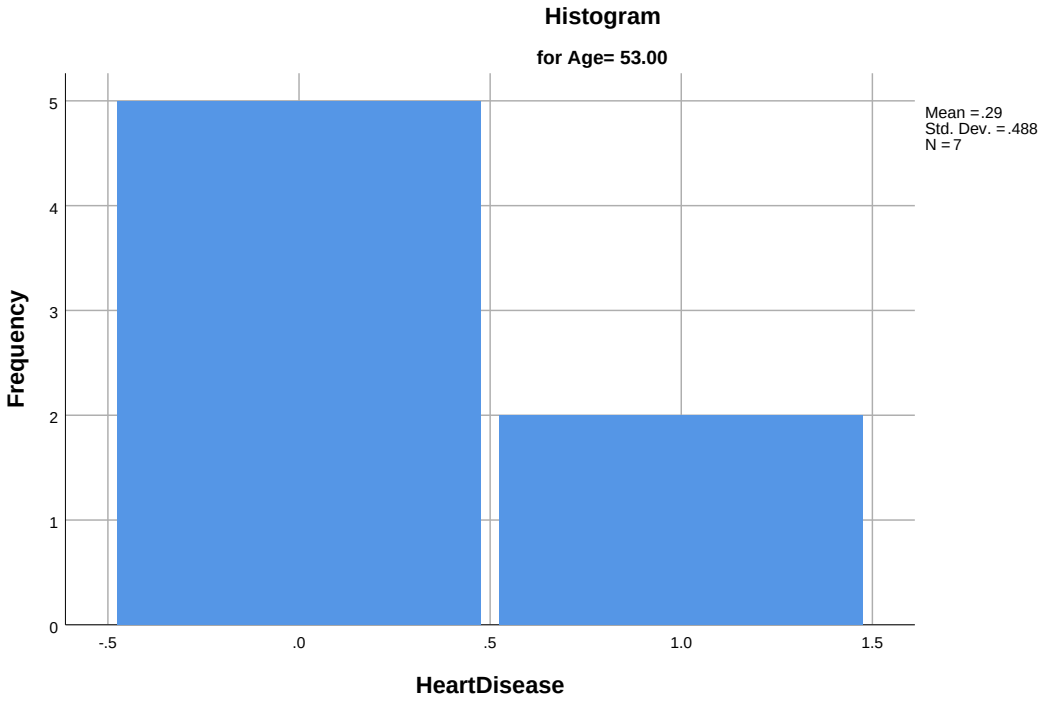
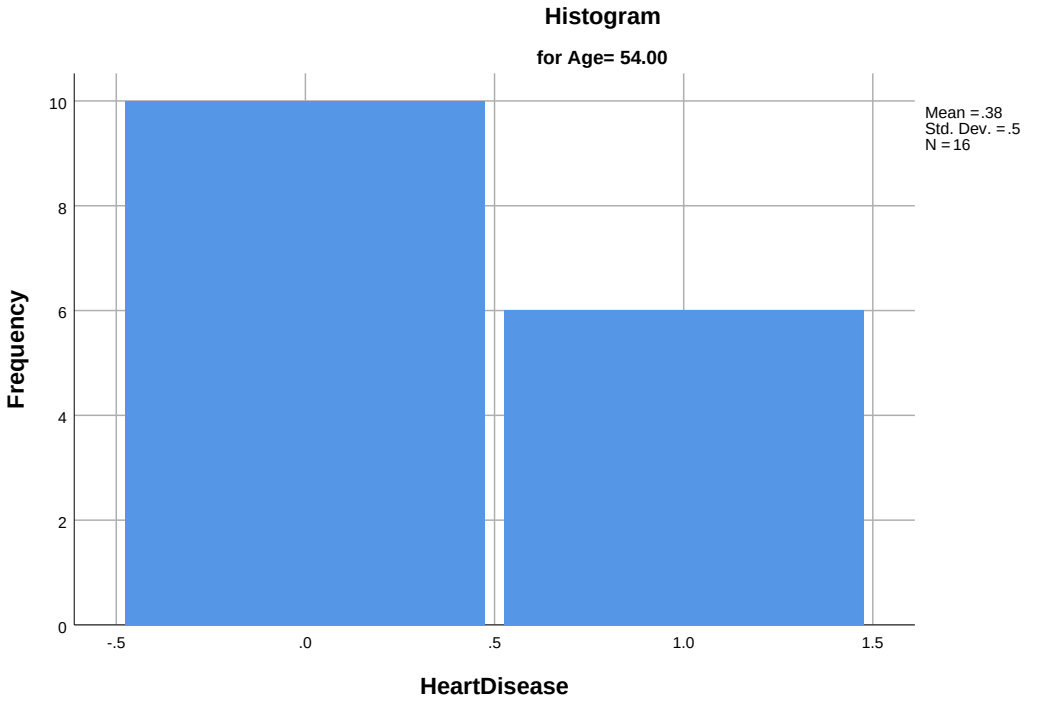
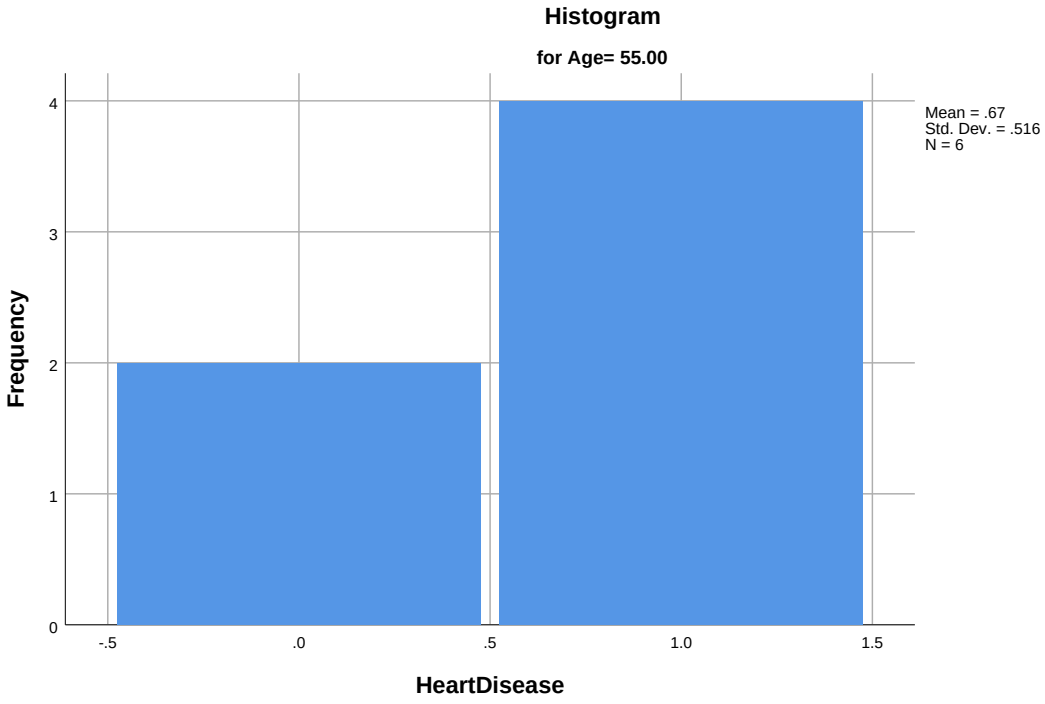
2
3
4
-.5
.0
.5
1.0
1.5

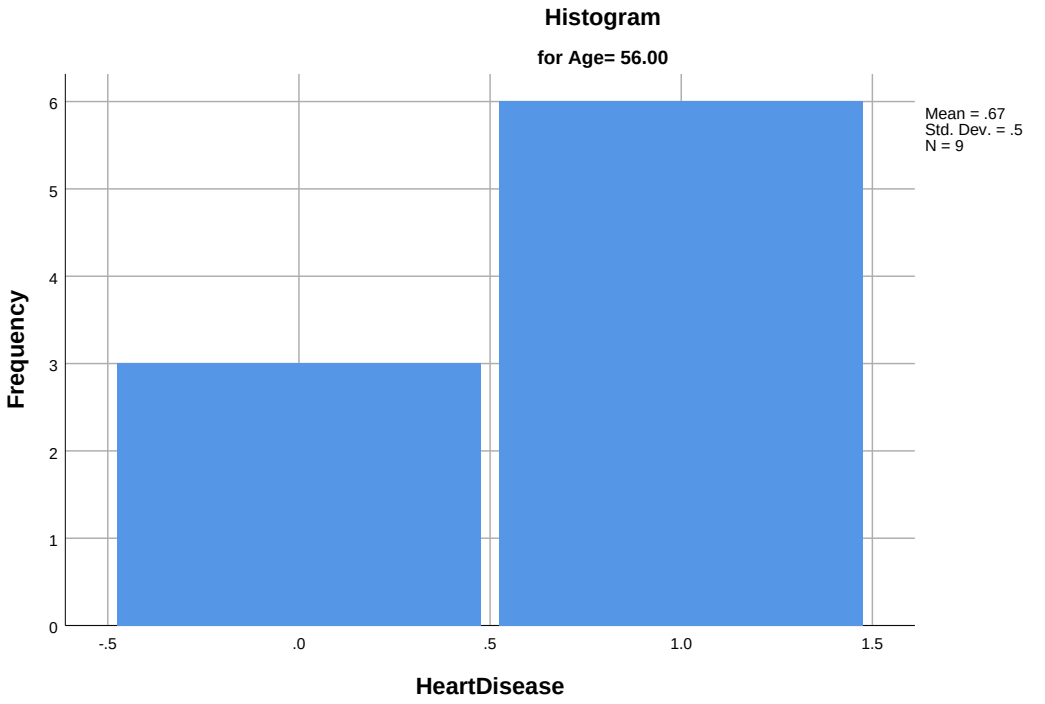

Histogram
for Age= 51.00
Mean = .25
Std. Dev. = .452
N = 12
Frequency
HeartDisease
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5

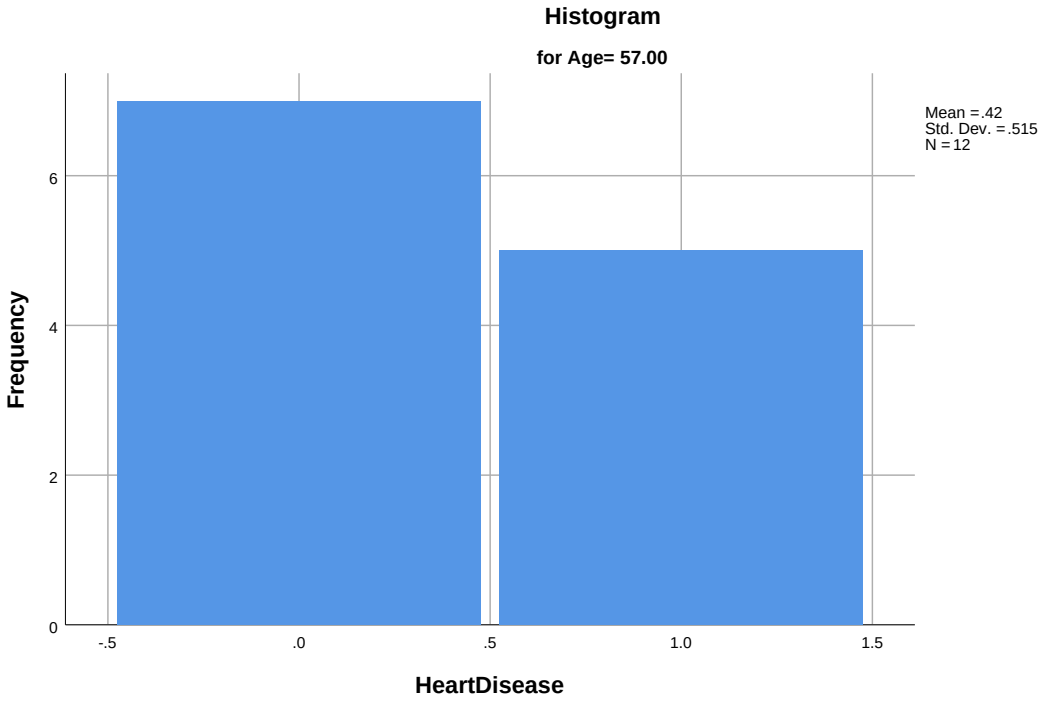

Histogram
for Age= 52.00
Mean = .27
Std. Dev. = .467
N = 11
Frequency
HeartDisease
0
2
4
6
8
-.5
.0
.5
1.0
1.5

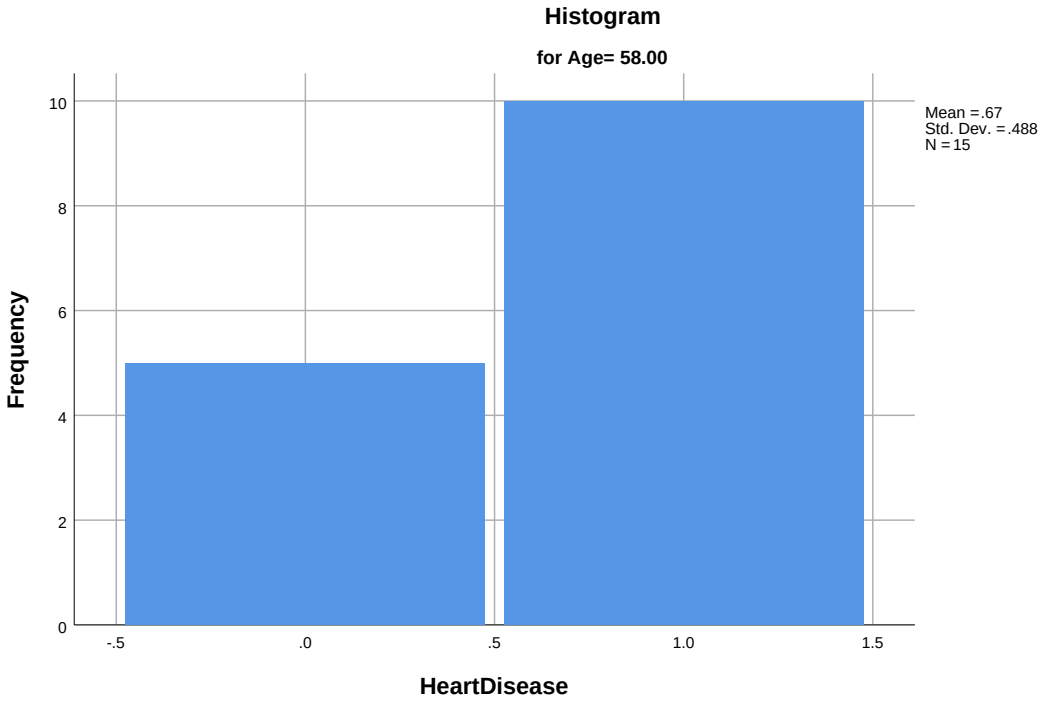

Histogram
for Age= 53.00
Mean =.29
Std. Dev. =.488
N =7
Frequency
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease

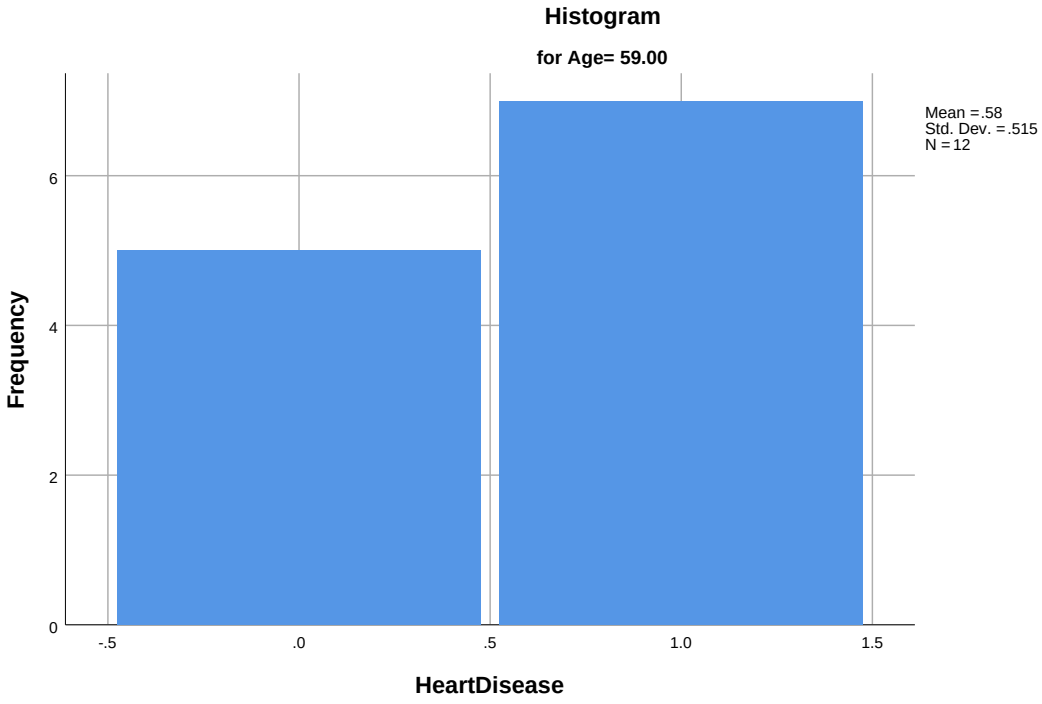

Histogram
for Age= 54.00
Mean =.38
Std. Dev. =.5
N =16
Frequency
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5
HeartDisease

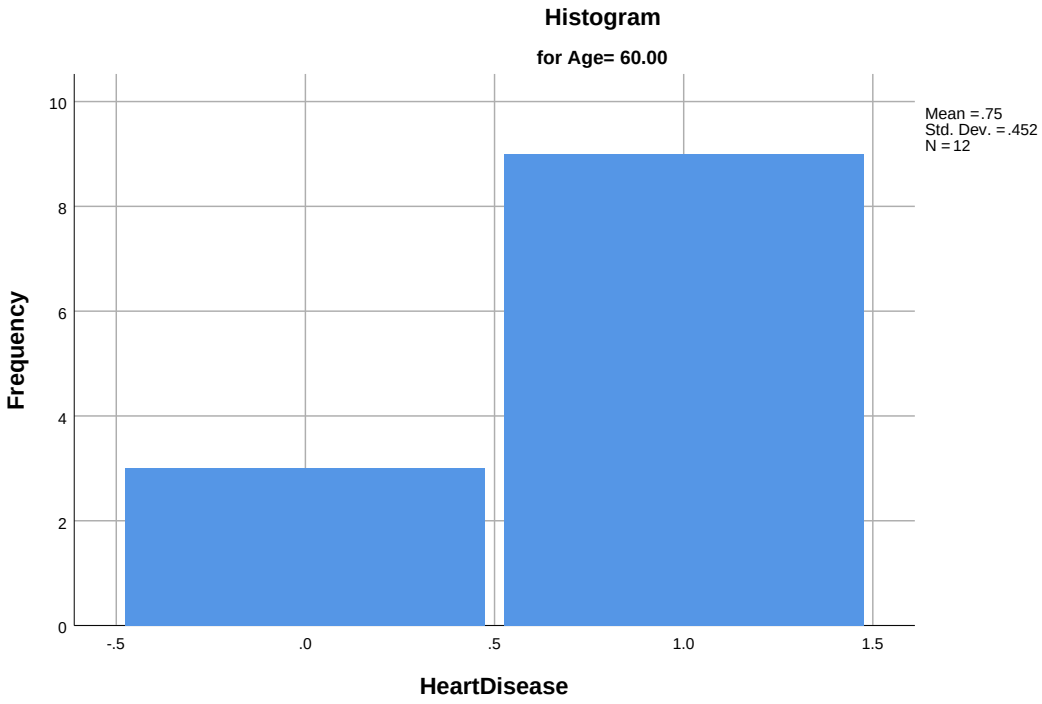

Histogram
for Age= 55.00
Mean = .67
Std. Dev. = .516
N = 6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

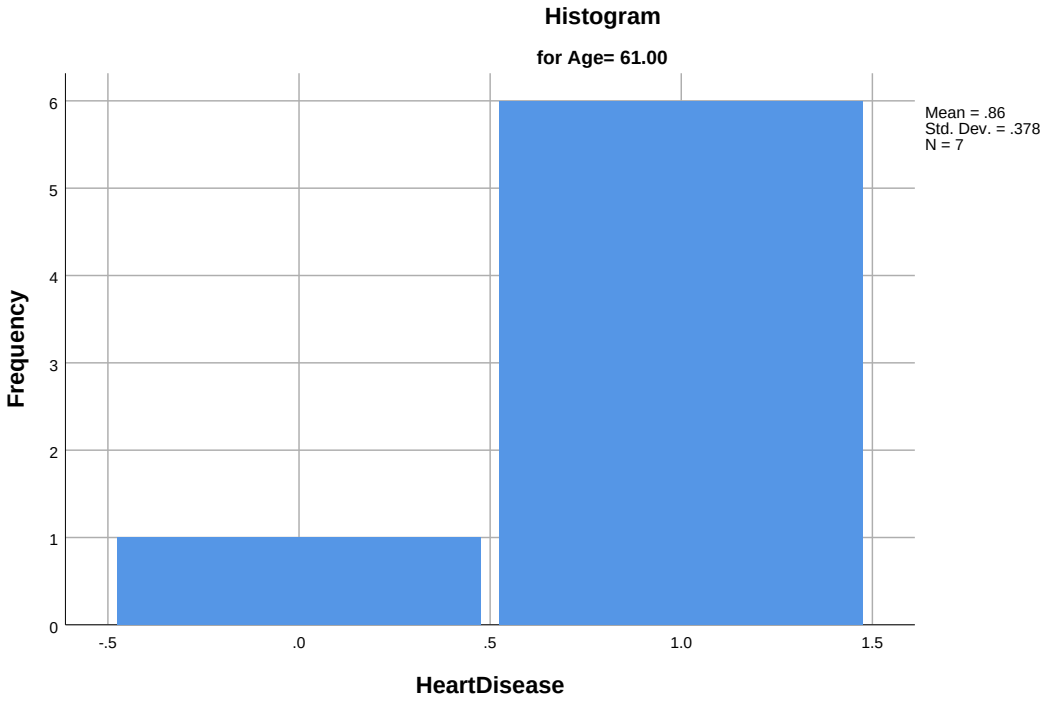

Histogram
for Age= 56.00
Mean = .67
Std. Dev. = .5
N = 9
Frequency
0
1
2
3
4
5
6
-.5
.0
.5
1.0
1.5
HeartDisease

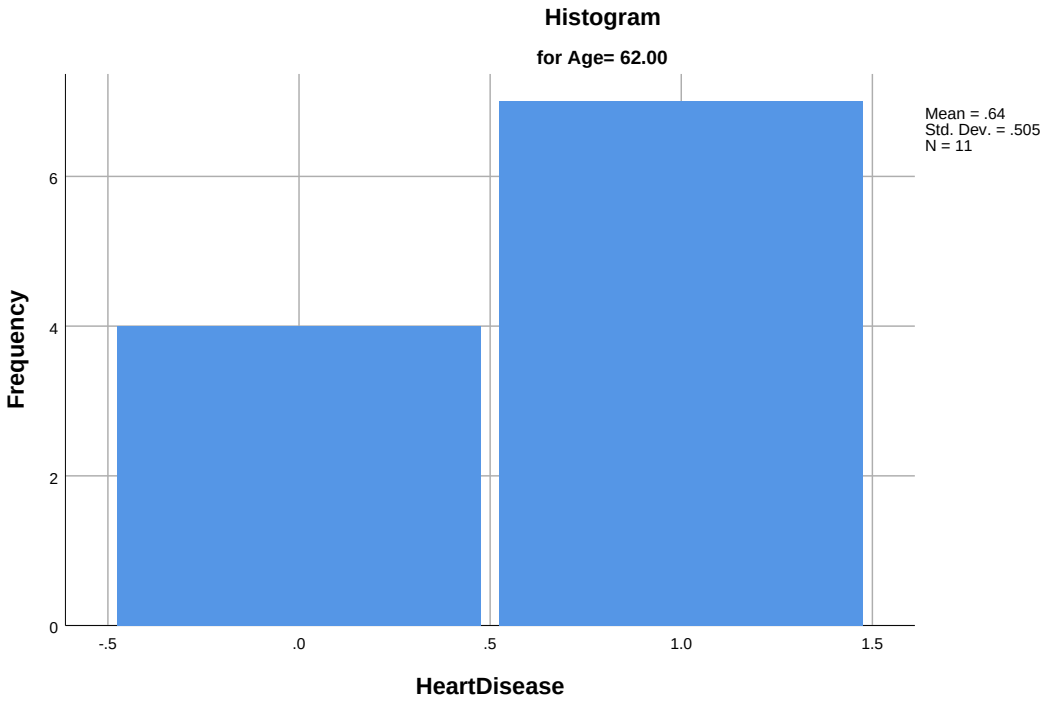

Histogram
for Age= 57.00
Mean =.42
Std. Dev. =.515
N =12
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

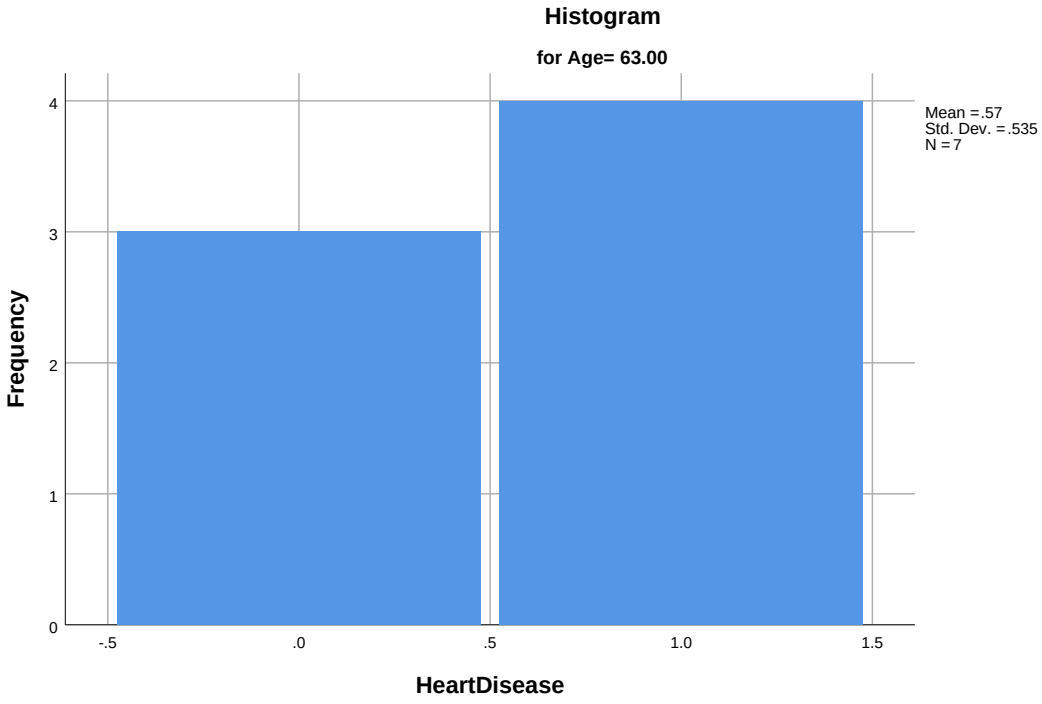

Histogram
for Age= 58.00
Mean =.67
Std. Dev. =.488
N =15
Frequency
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5
HeartDisease

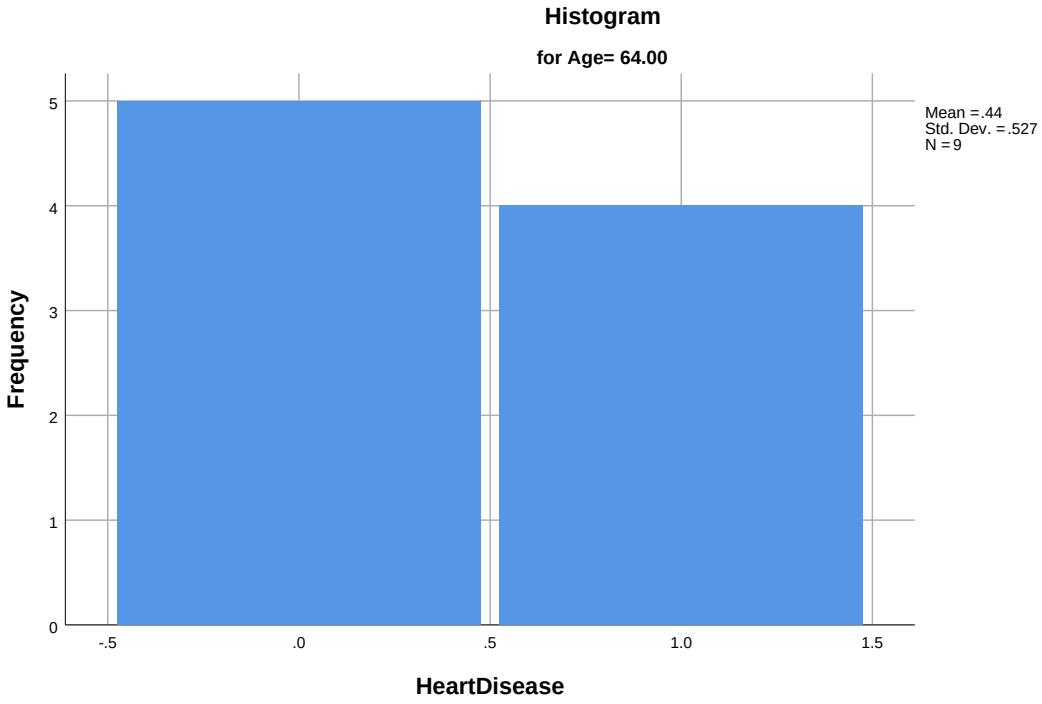

Histogram
for Age= 59.00
Mean =.58
Std. Dev. =.515
N = 12
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

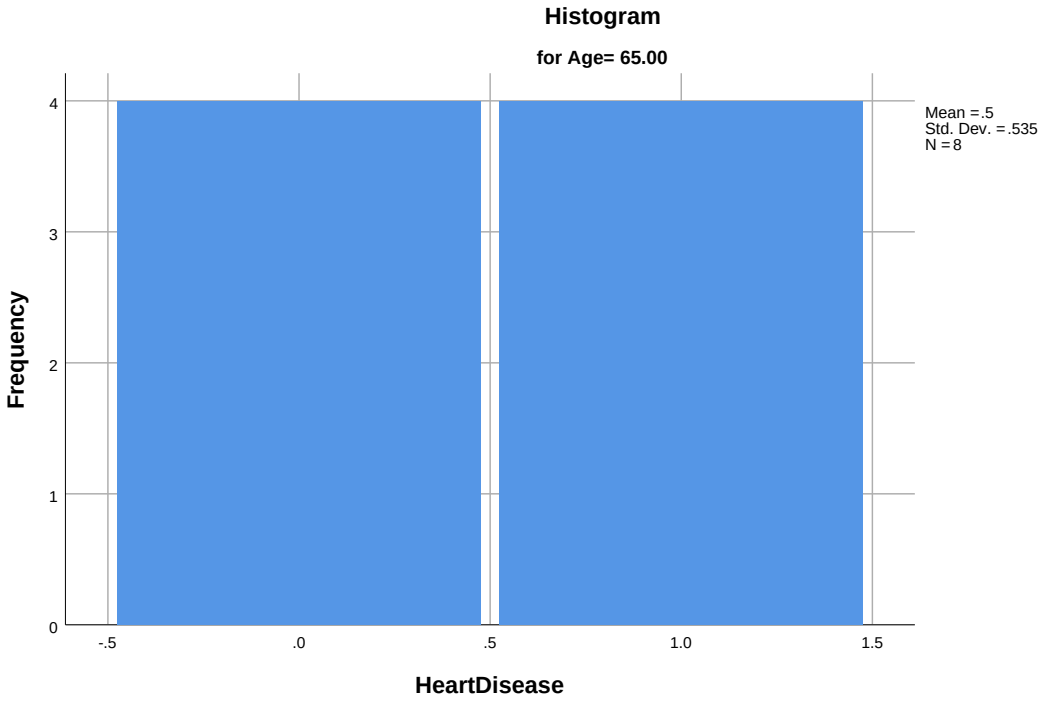

Histogram
for Age= 60.00
Mean =.75
Std. Dev. =.452
N = 12
Frequency
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5
HeartDisease

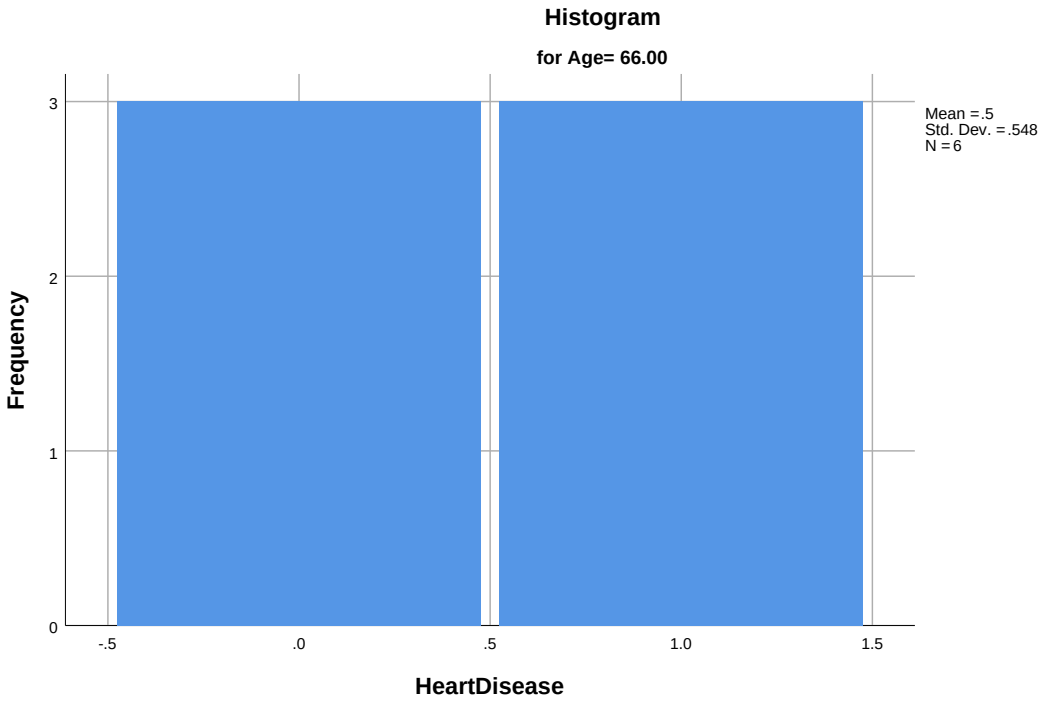

Histogram
for Age= 61.00
Mean = .86
Std. Dev. = .378
N = 7
Frequency
0
1
2
3
4
5
6
-.5
.0
.5
1.0
1.5
HeartDisease

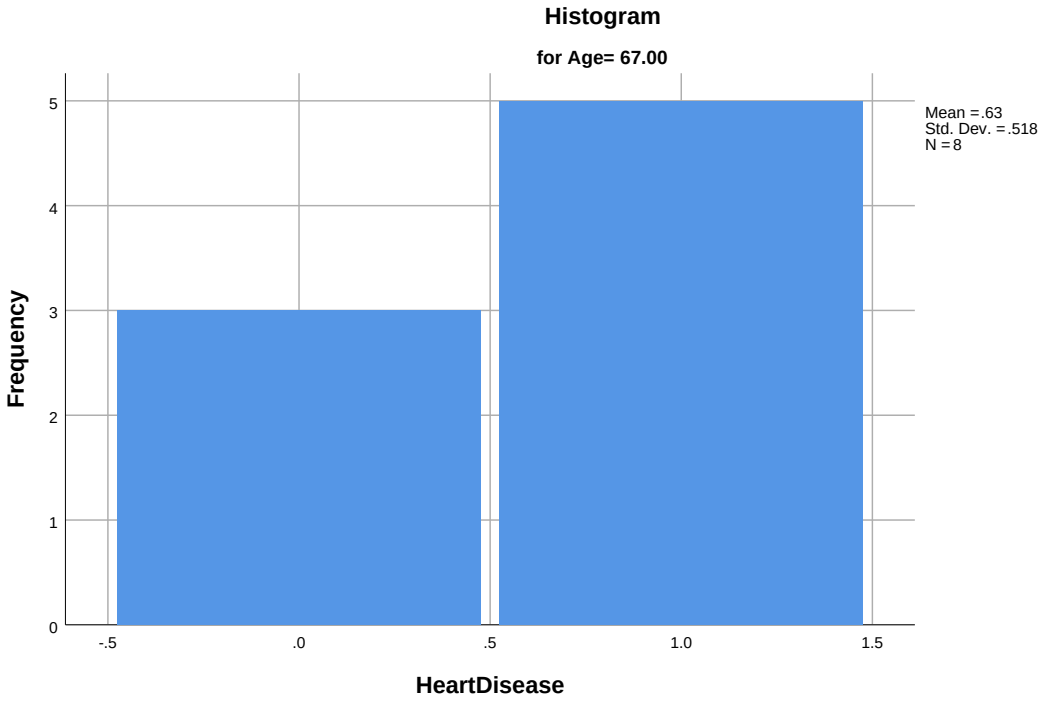

Histogram
for Age= 62.00
Mean = .64
Std. Dev. = .505
N = 11
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

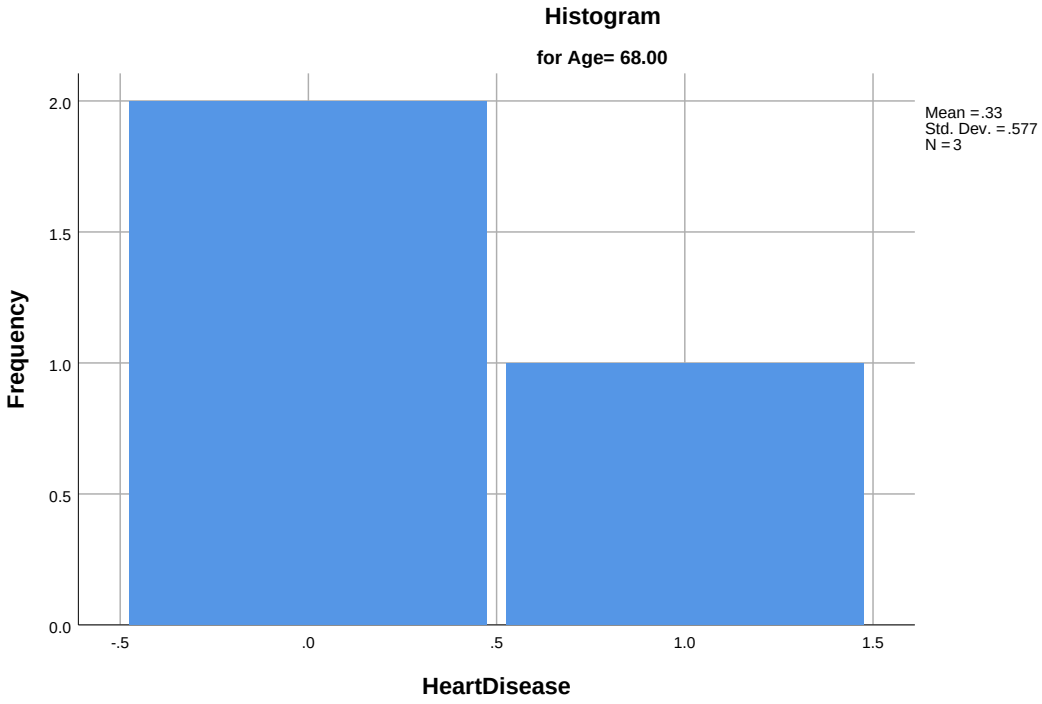

Histogram
for Age= 63.00
Mean =.57
Std. Dev. =.535
N = 7
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

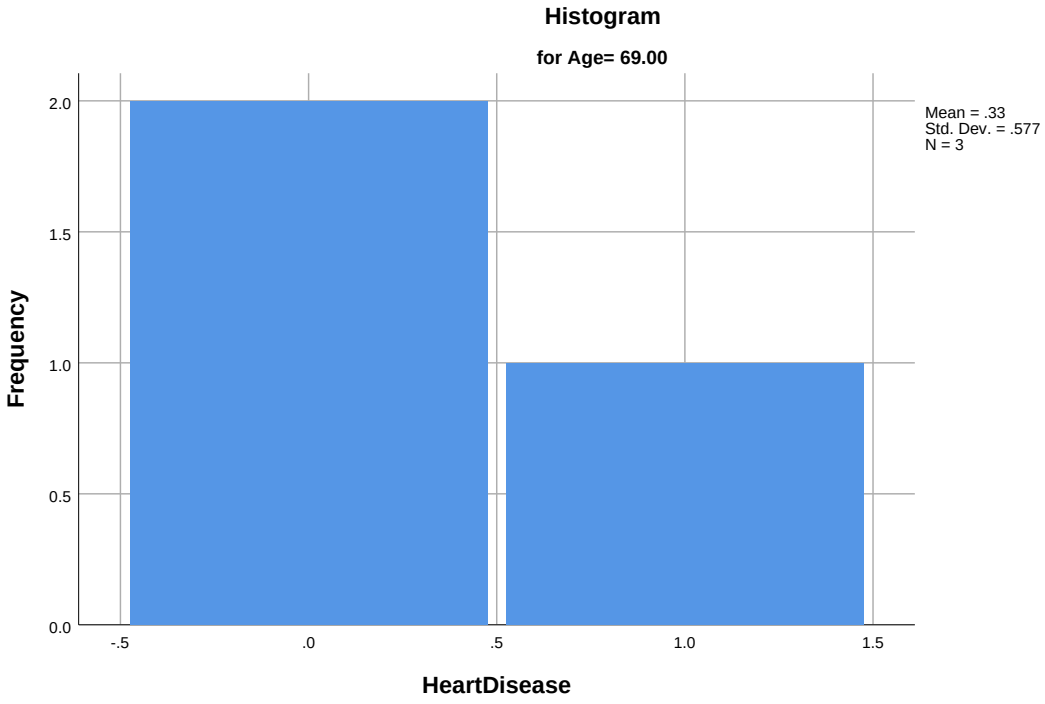

Histogram
for Age= 64.00
Mean =.44
Std. Dev. =.527
N = 9
Frequency
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease

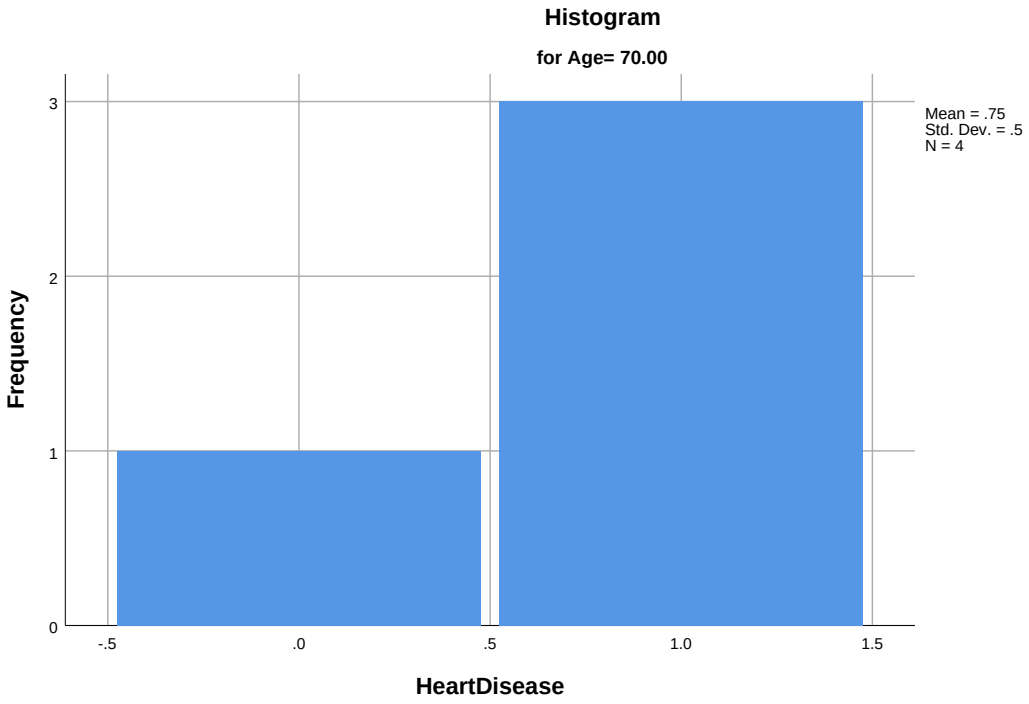

Histogram
for Age= 65.00
Mean =.5
Std. Dev. =.535
N = 8
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

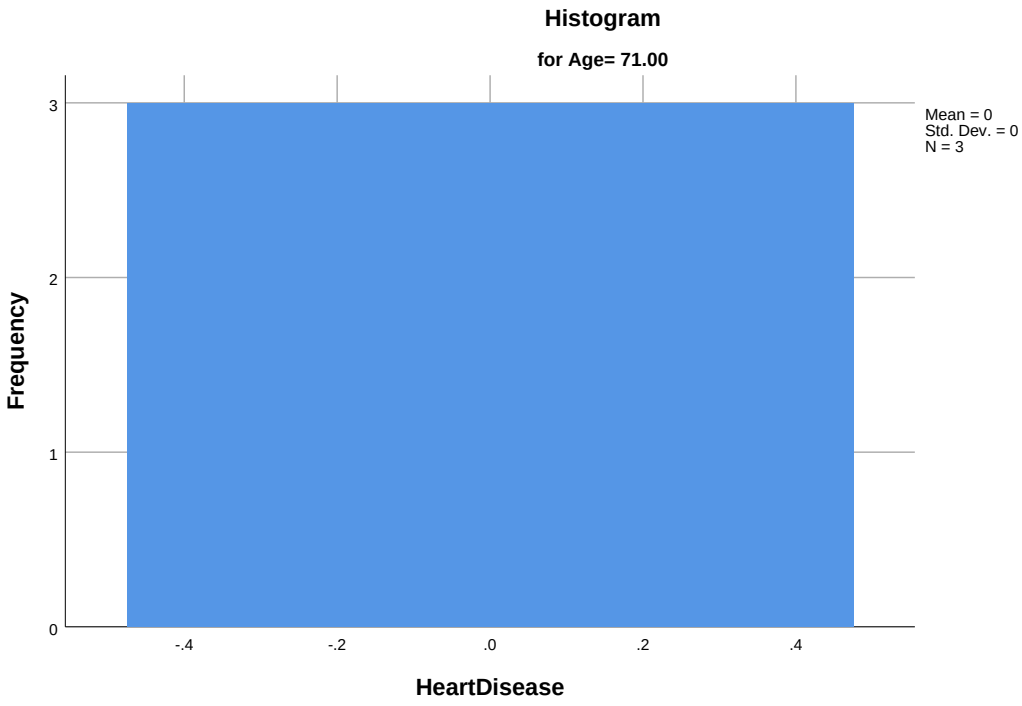

Histogram
for Age= 66.00
Mean =.5
Std. Dev. =.548
N = 6
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 67.00
Mean =.63
Std. Dev. =.518
N =8
Frequency
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 68.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
0.0
0.5
1.0
1.5
2.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 69.00
Mean = .33
Std. Dev. = .577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Age= 70.00
Mean = .75
Std. Dev. = .5
N = 4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease



Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
Age= 34.00

Frequency	Stem &	Leaf
2.00	0 .	00

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

HeartDisease Stem-and-Leaf Plot for
Age= 35.00

Frequency	Stem &	Leaf
1.00	0 .	0
2.00	1 .	00

Stem width: 1

```
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
Age= 37.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
Age= 39.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Age= 40.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
```

Age= 41.00

 Frequency   Stem & Leaf

     8.00   0 . 00000000
     1.00 Extremes   (>=1)

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

HeartDisease Stem-and-Leaf Plot for
Age= 42.00

 Frequency   Stem & Leaf

     7.00   0 . 0000000
     1.00 Extremes   (>=1)

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

HeartDisease Stem-and-Leaf Plot for
Age= 43.00

 Frequency   Stem & Leaf

     5.00   0 . 00000
      .00   0 .
     2.00   1 . 00

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

HeartDisease Stem-and-Leaf Plot for
Age= 44.00

 Frequency   Stem & Leaf

```
     8.00        0 .  00000000
     2.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
Age= 45.00

```
 Frequency    Stem &  Leaf

     6.00        0 .  000000
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
Age= 46.00

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 47.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
```

```
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 48.00

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 49.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 50.00

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     3.00        1 .  000
```

```
 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 51.00

```
 Frequency    Stem &  Leaf

     9.00        0 .  000000000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 52.00

```
 Frequency    Stem &  Leaf

     8.00        0 .  00000000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 53.00

```
 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
     2.00        1 .  00
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
Age= 54.00

 Frequency    Stem &  Leaf

    10.00        0 .  0000000000
      .00        0 .
     6.00        1 .  000000

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


HeartDisease Stem-and-Leaf Plot for
Age= 55.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
Age= 56.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     6.00        1 .  000000

 Stem width:         1
```

```
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
Age= 57.00

 Frequency    Stem &  Leaf

     7.00        0 .  0000000
      .00        0 .
     5.00        1 .  00000

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


HeartDisease Stem-and-Leaf Plot for
Age= 58.00

 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
    10.00        1 .  0000000000

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


HeartDisease Stem-and-Leaf Plot for
Age= 59.00

 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
     7.00        1 .  0000000

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
Age= 60.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     9.00        1 .  000000000

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



HeartDisease Stem-and-Leaf Plot for
Age= 61.00

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<.0)
     6.00        1 .  000000

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



HeartDisease Stem-and-Leaf Plot for
Age= 62.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     7.00        1 .  0000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 63.00

 Frequency   Stem & Leaf

     3.00   0 . 000
      .00   0 .
     4.00   1 . 0000

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

HeartDisease Stem-and-Leaf Plot for
Age= 64.00

 Frequency   Stem & Leaf

     5.00   0 . 00000
      .00   0 .
     4.00   1 . 0000

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

HeartDisease Stem-and-Leaf Plot for
Age= 65.00

 Frequency   Stem & Leaf

     4.00   0 . 0000
      .00   0 .
     4.00   1 . 0000

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

HeartDisease Stem-and-Leaf Plot for

Age= 66.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 67.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     5.00        1 .  00000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Age= 68.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

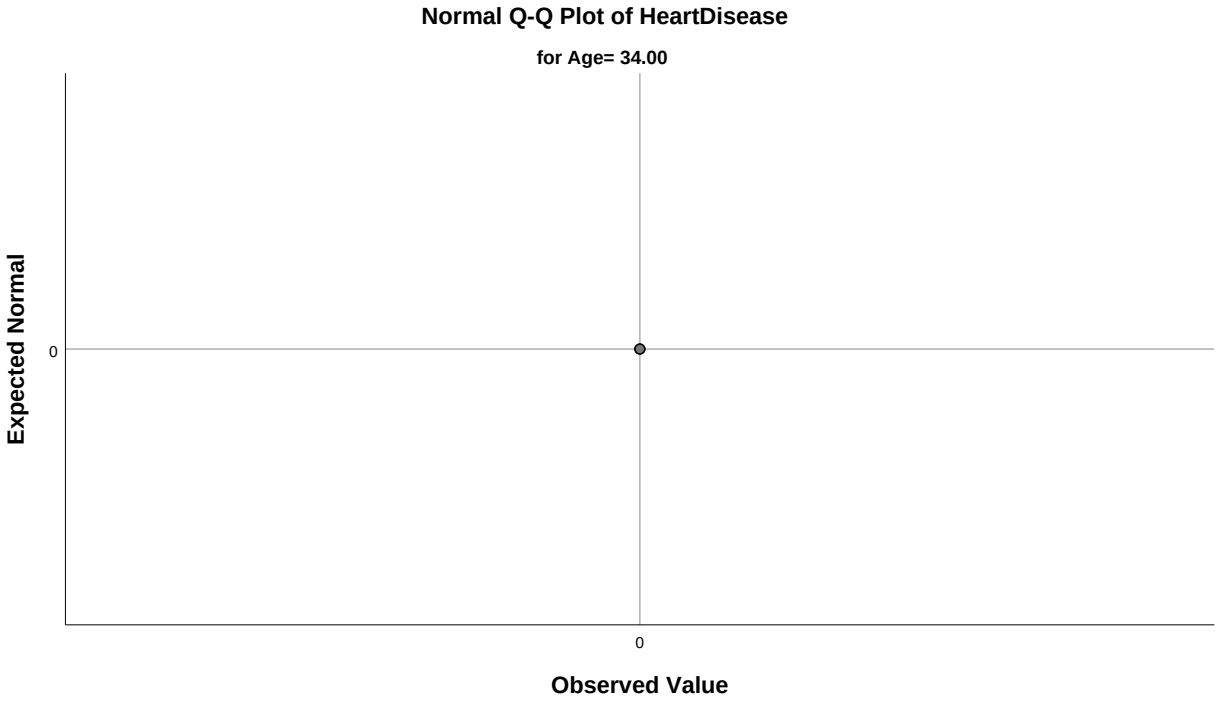
HeartDisease Stem-and-Leaf Plot for
Age= 69.00

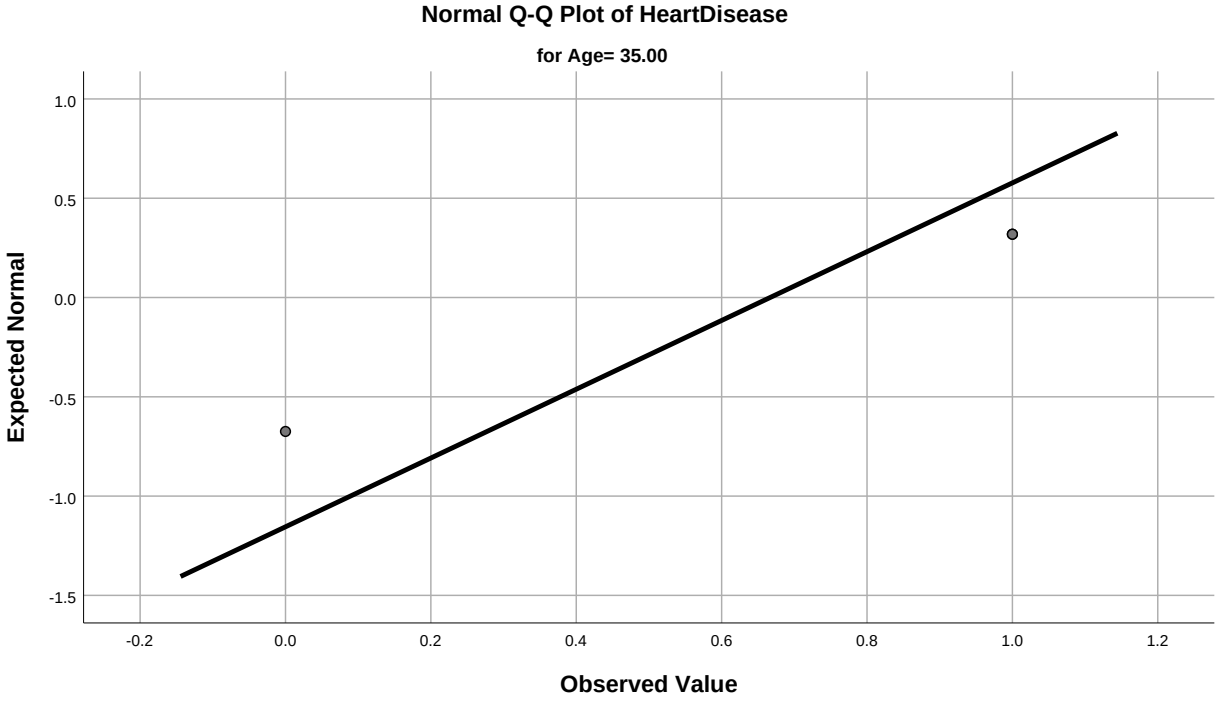
```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

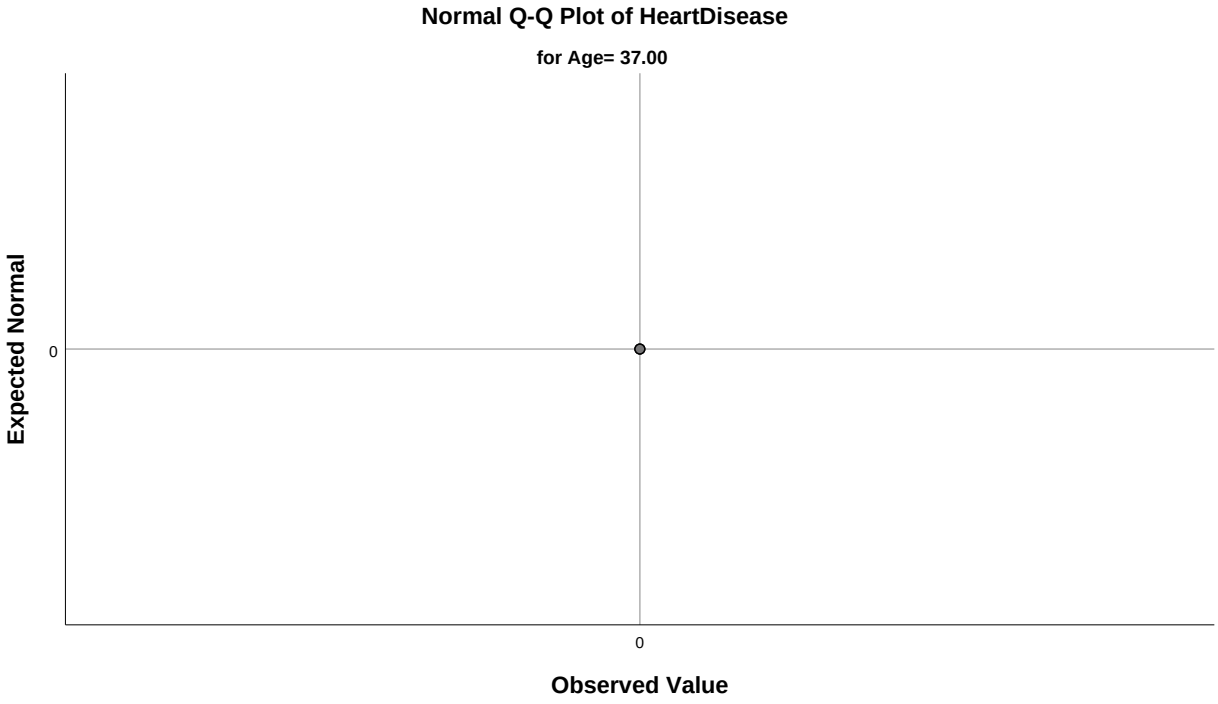
```
HeartDisease Stem-and-Leaf Plot for
Age= 70.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

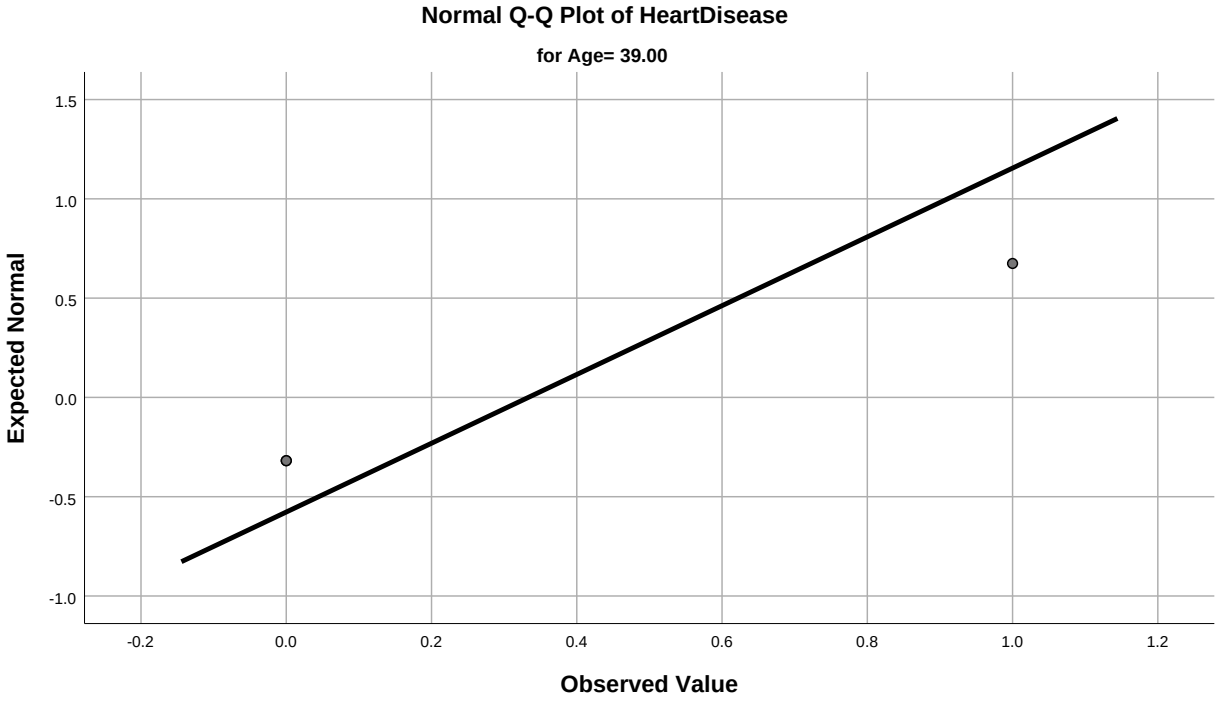
```
HeartDisease Stem-and-Leaf Plot for
Age= 71.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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

Normal Q-Q Plots

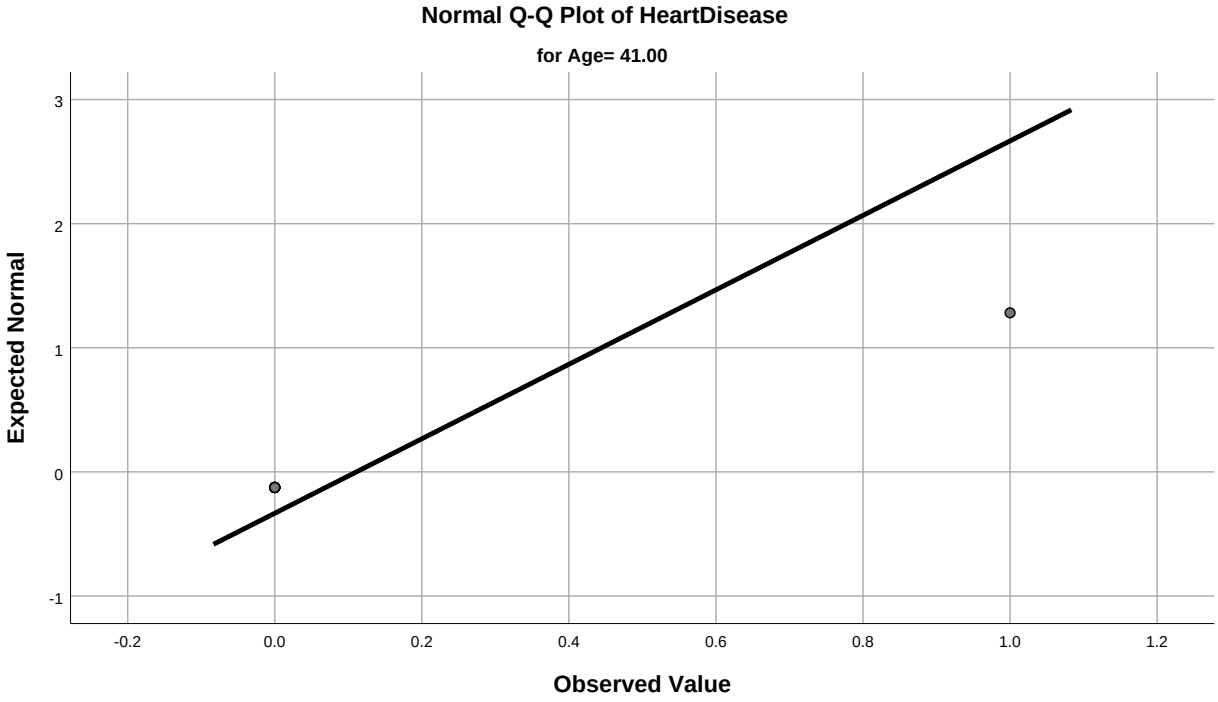

Normal Q-Q Plot of HeartDisease
for Age= 34.00
Expected Normal
0
0
Observed Value

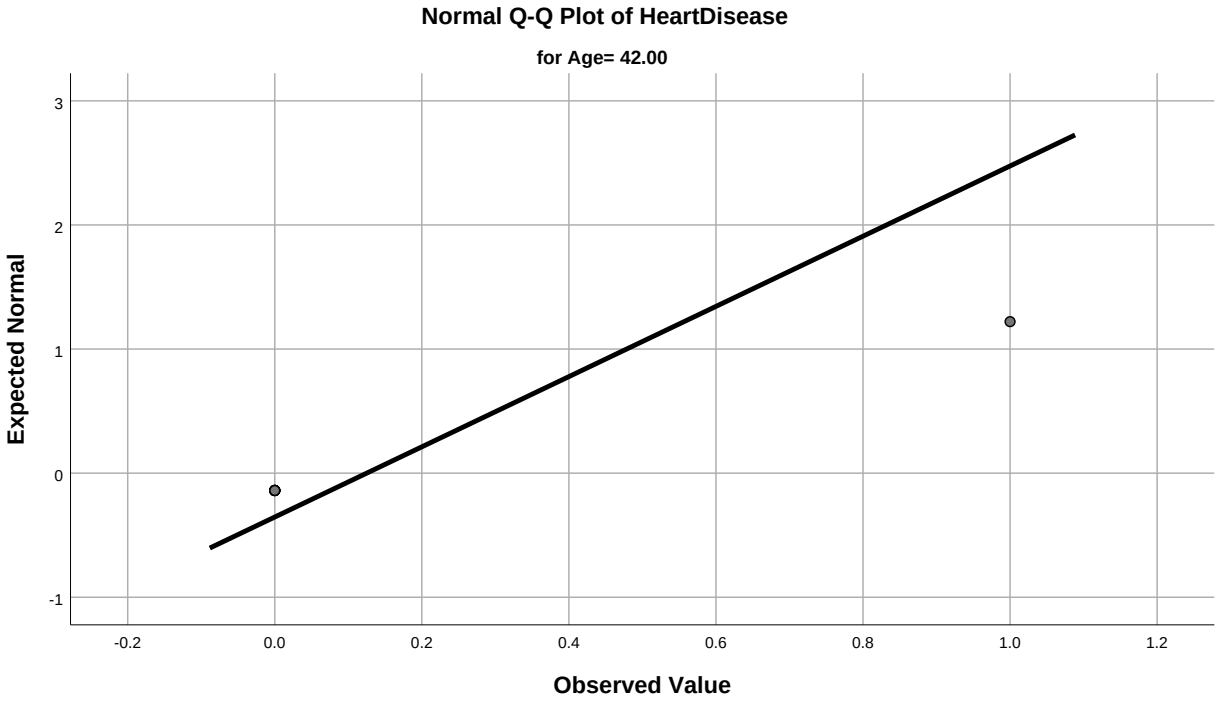

Normal Q-Q Plot of HeartDisease
for Age= 35.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

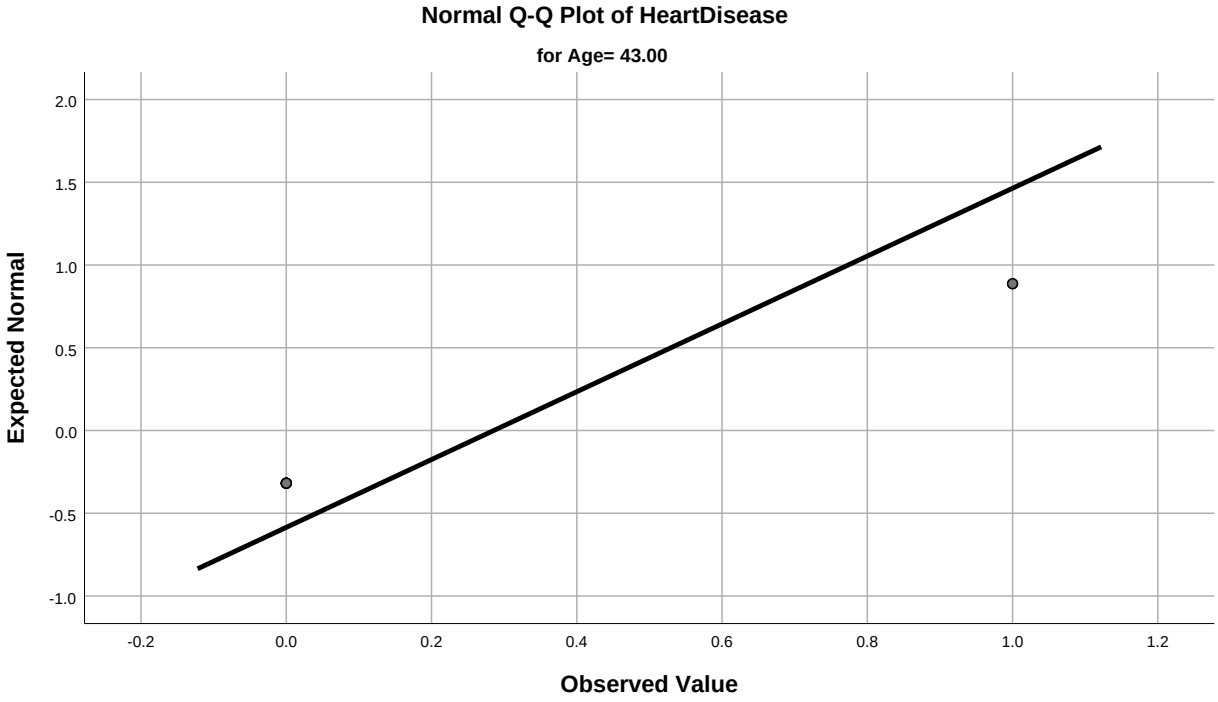

Normal Q-Q Plot of HeartDisease
for Age= 37.00
Expected Normal
0
0
Observed Value

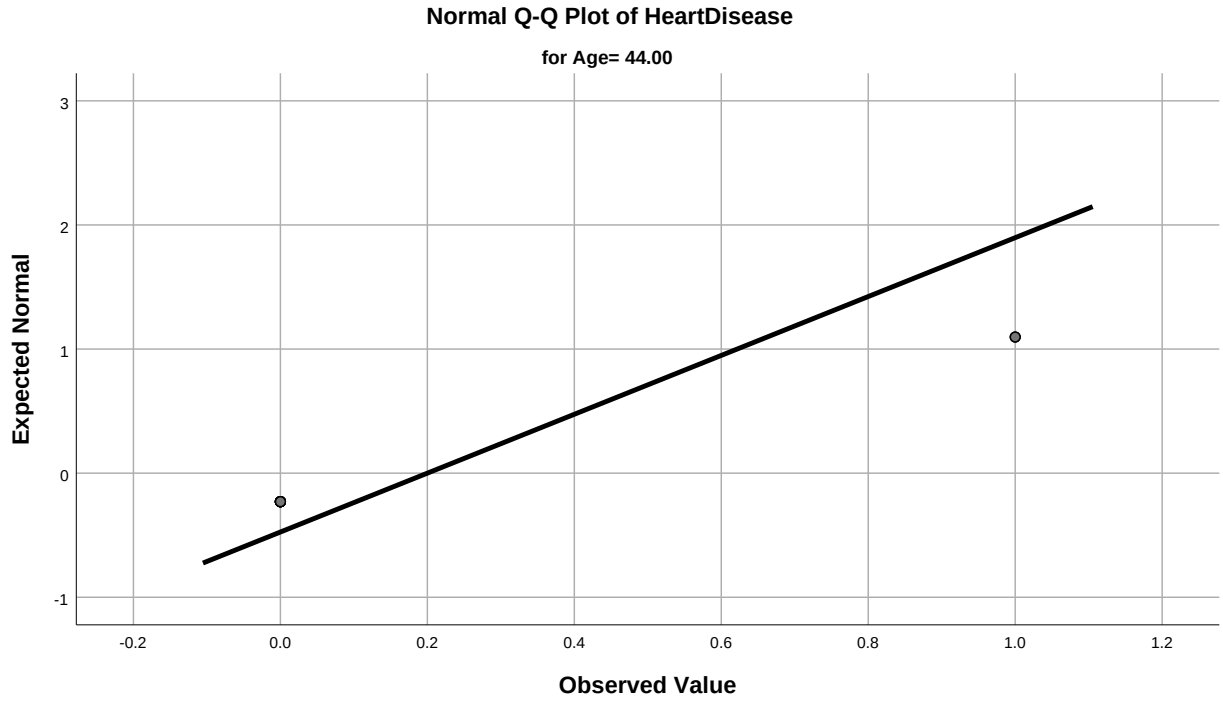

Normal Q-Q Plot of HeartDisease
for Age= 39.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

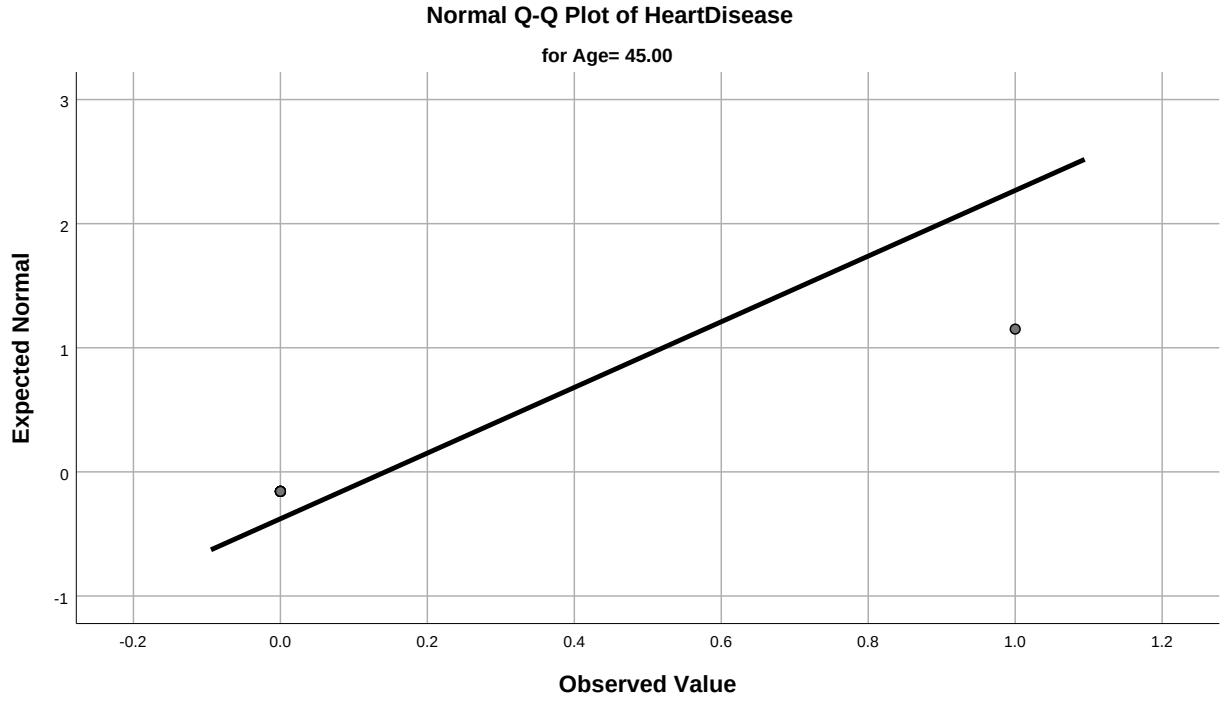
Normal Q-Q Plot of HeartDisease
for Age= 40.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

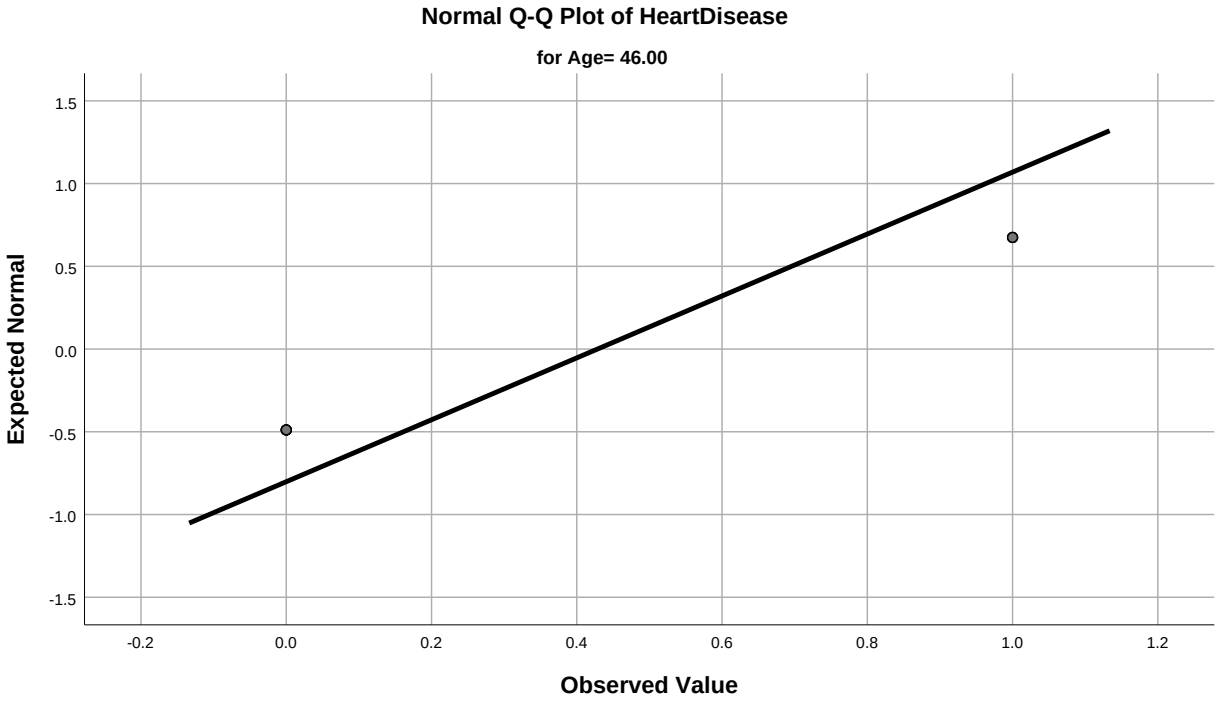

Normal Q-Q Plot of HeartDisease
for Age= 41.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

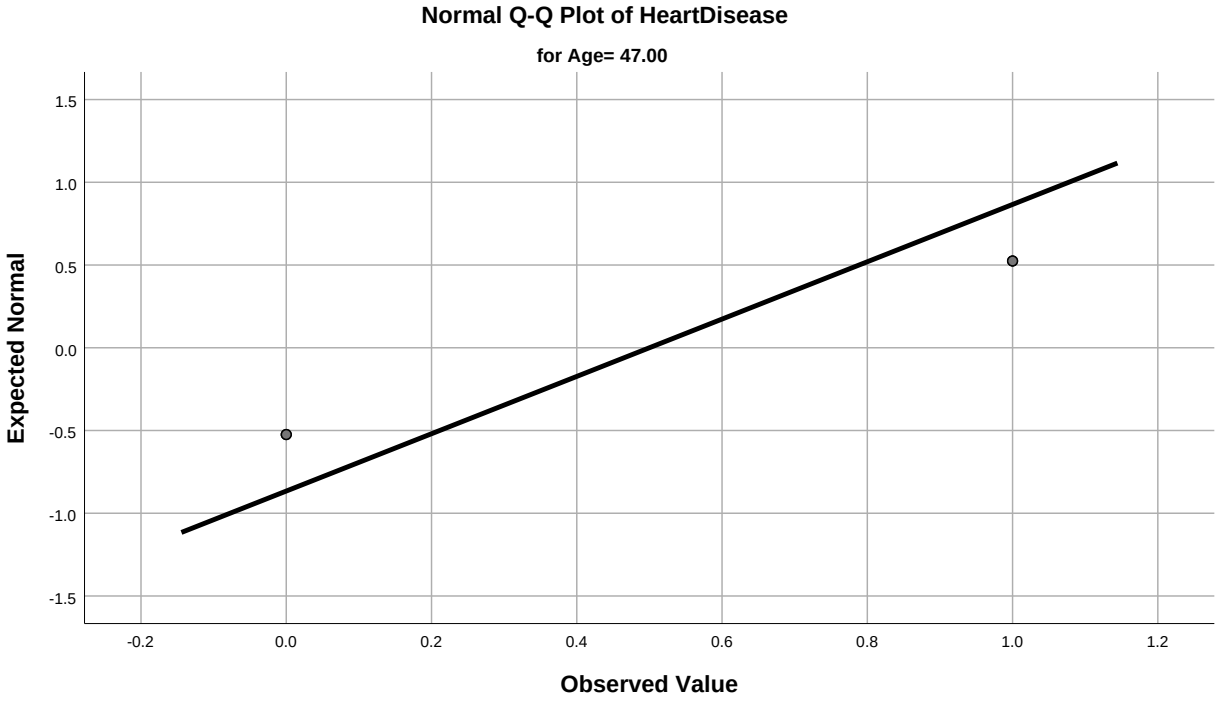

Normal Q-Q Plot of HeartDisease
for Age= 42.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

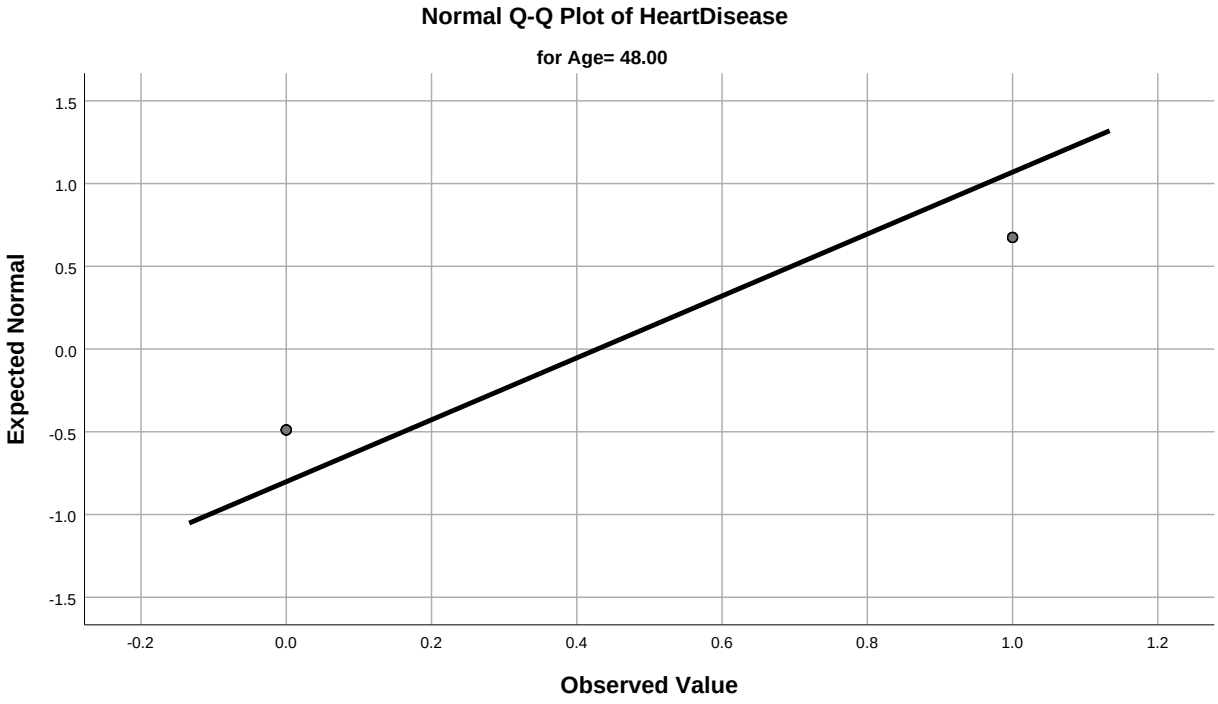

Normal Q-Q Plot of HeartDisease
for Age= 43.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

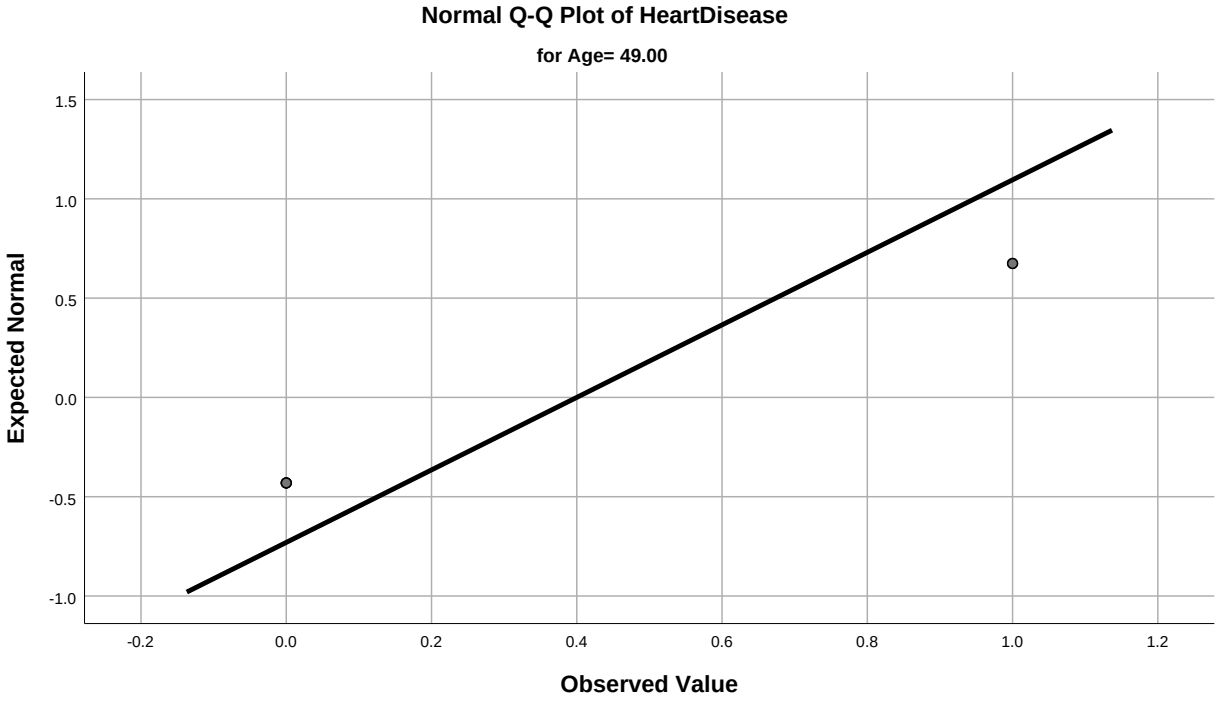

Normal Q-Q Plot of HeartDisease
for Age= 44.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

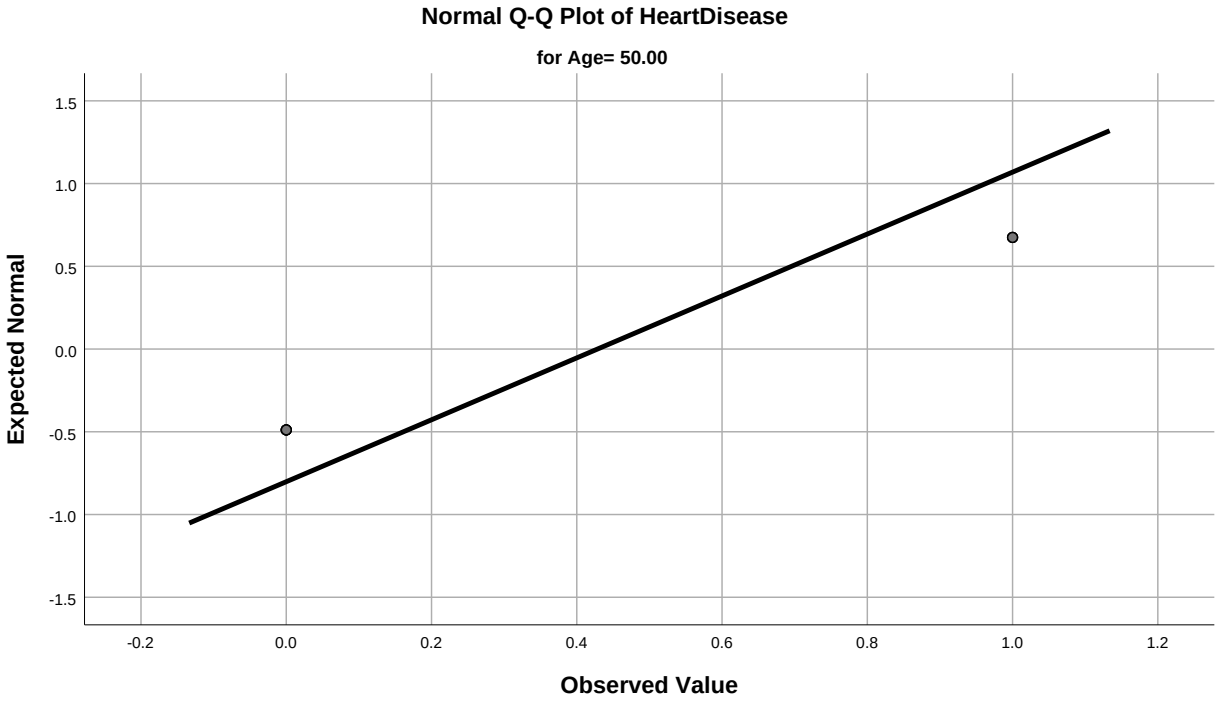

Normal Q-Q Plot of HeartDisease
for Age= 45.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

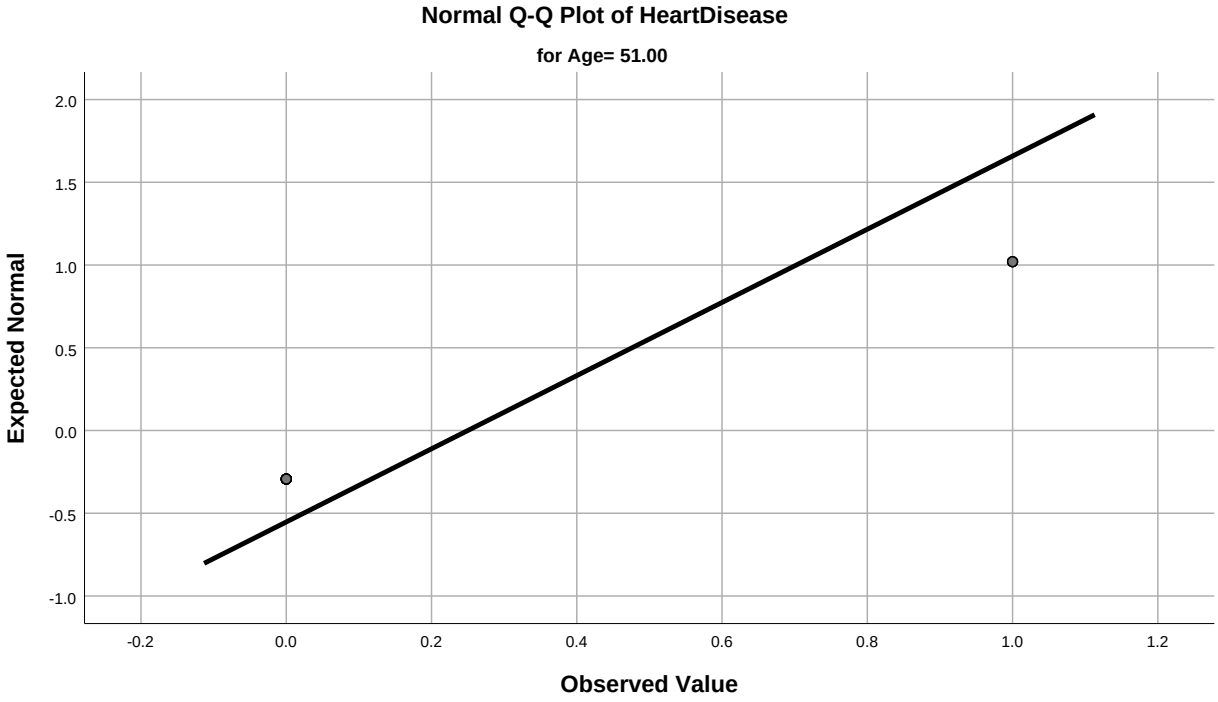

Normal Q-Q Plot of HeartDisease
for Age= 46.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

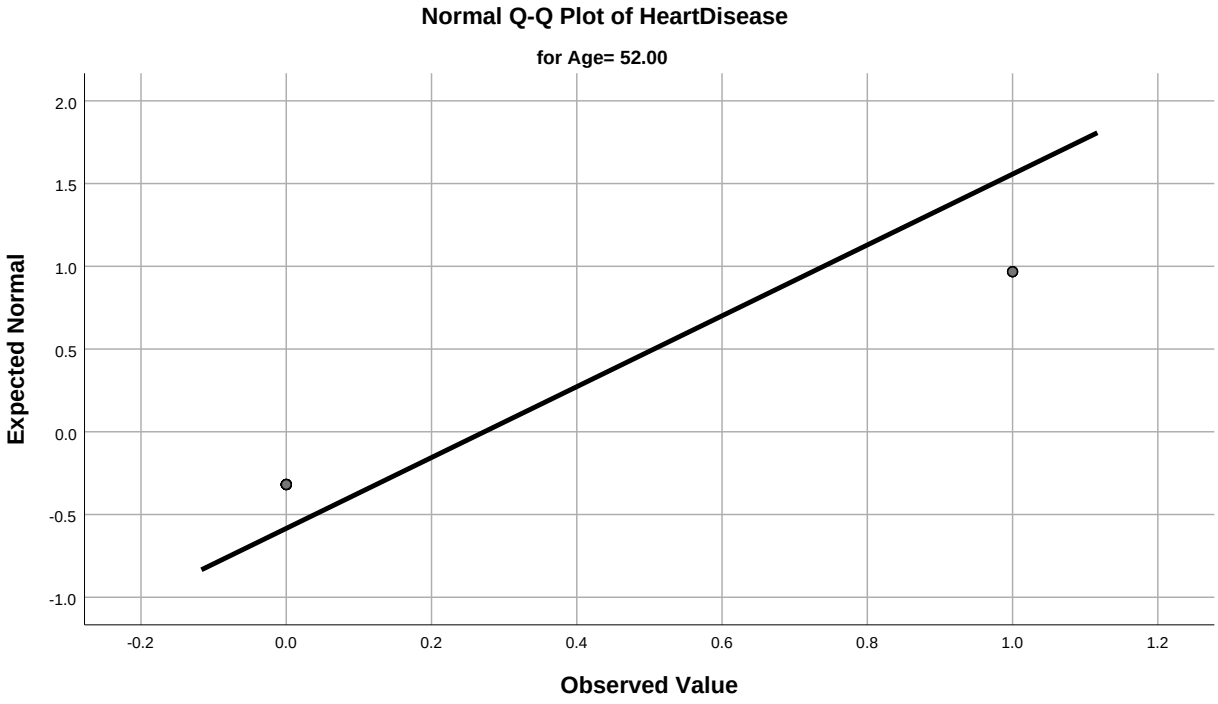

Normal Q-Q Plot of HeartDisease
for Age= 47.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

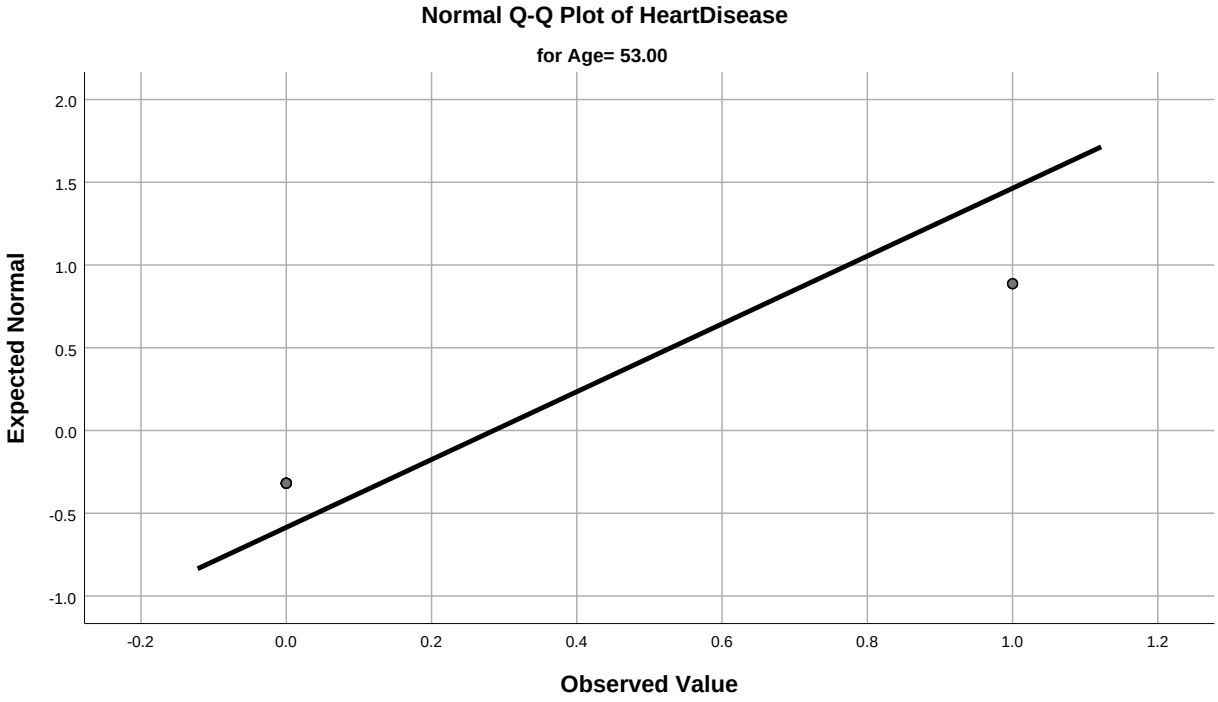

Normal Q-Q Plot of HeartDisease
for Age= 48.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

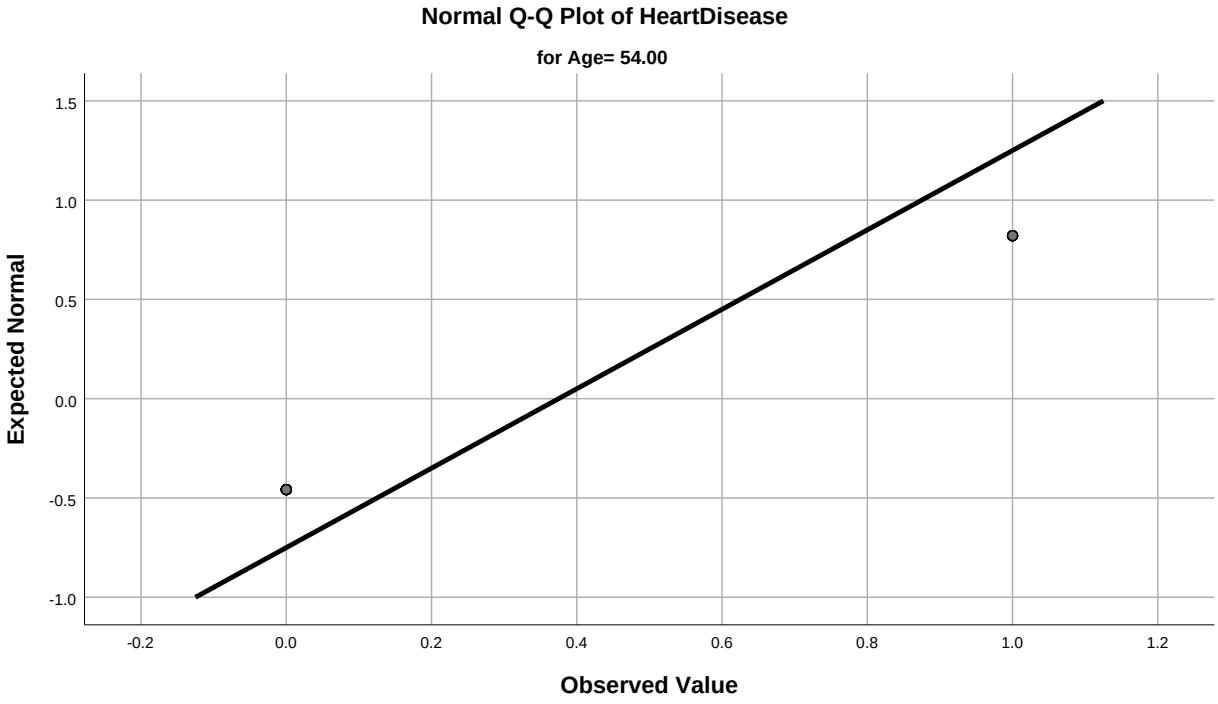

Normal Q-Q Plot of HeartDisease
for Age= 49.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

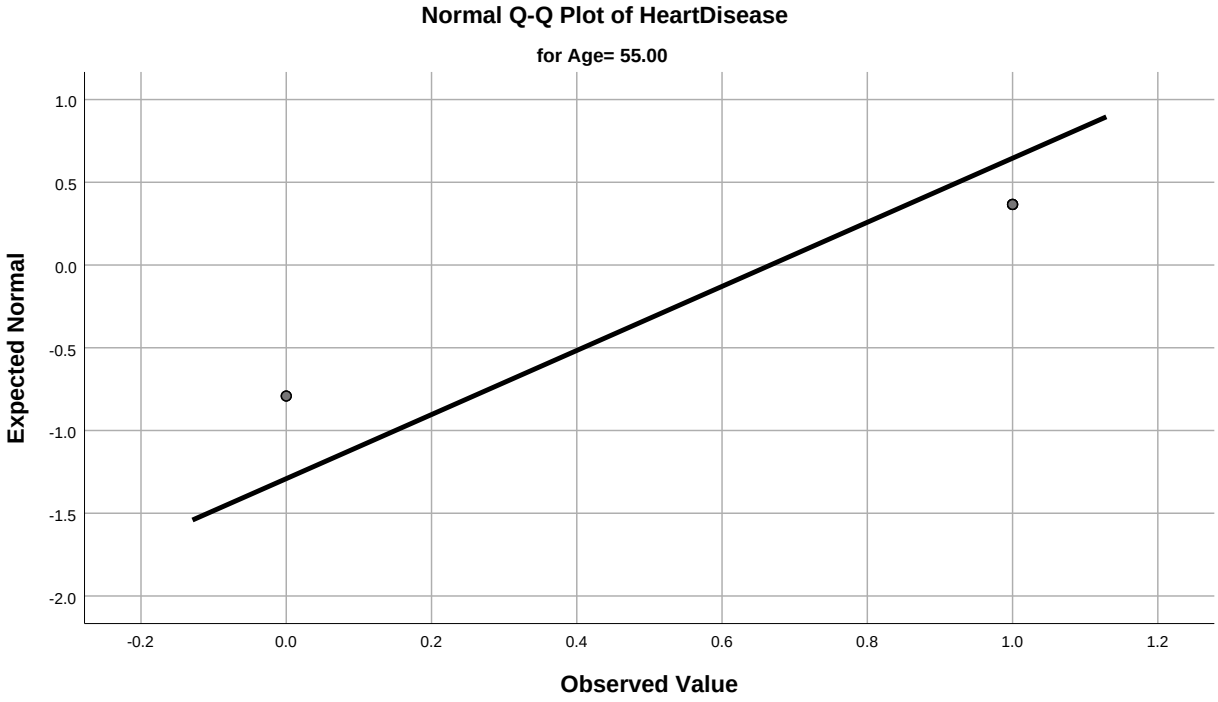

Normal Q-Q Plot of HeartDisease
for Age= 50.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

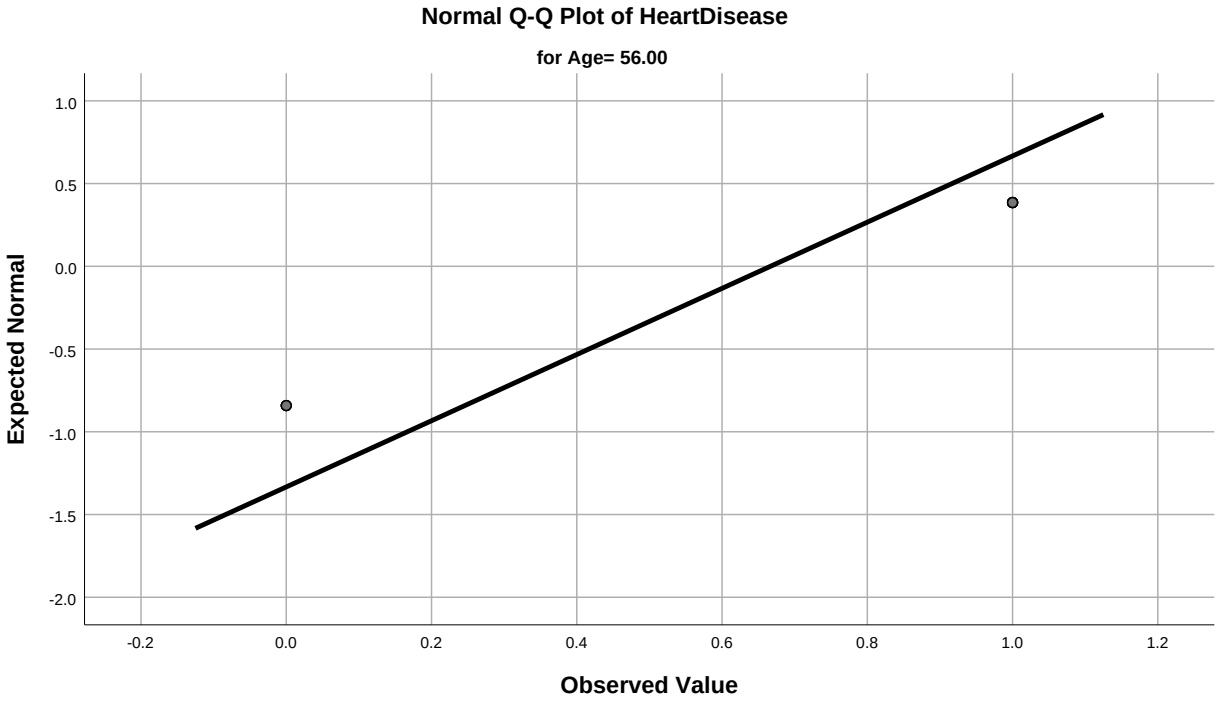

Normal Q-Q Plot of HeartDisease
for Age= 51.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

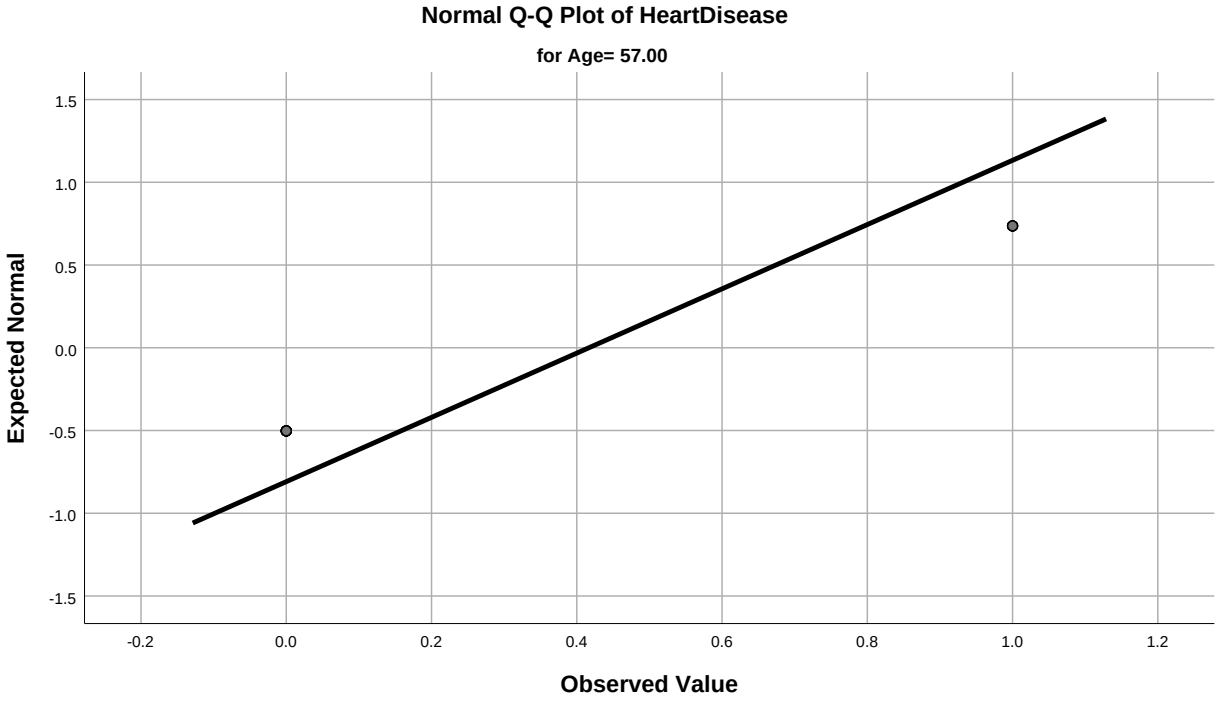

Normal Q-Q Plot of HeartDisease
for Age= 52.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

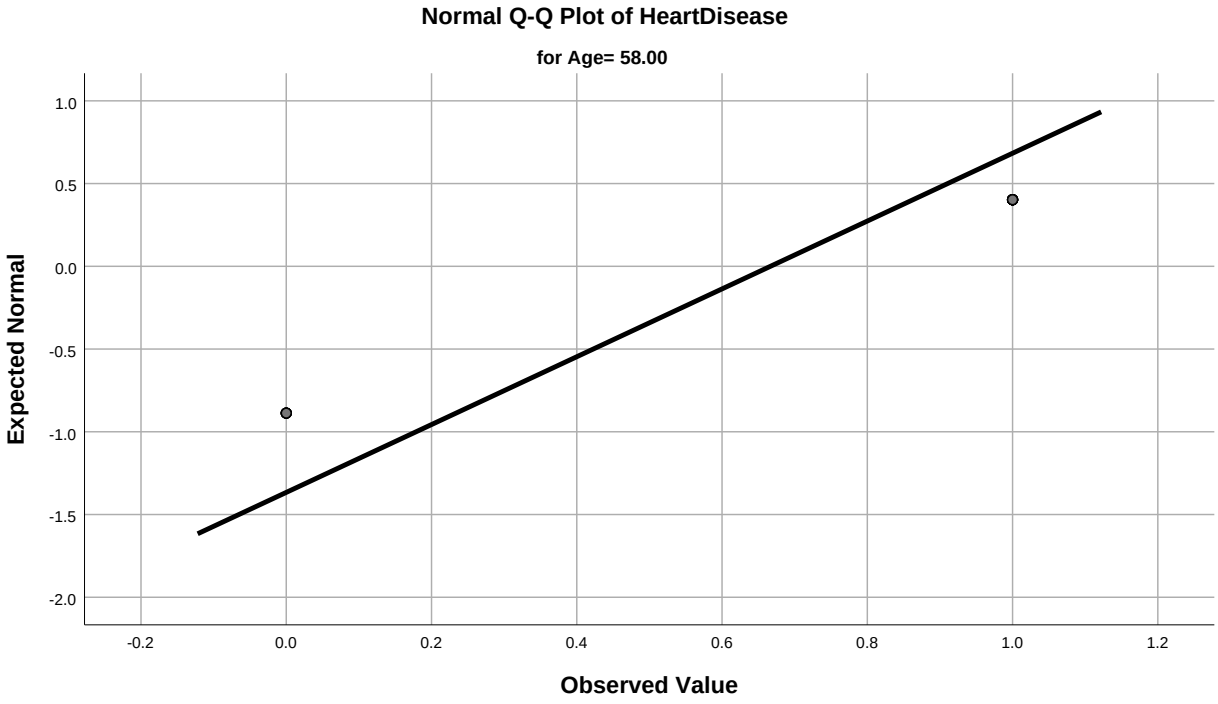

Normal Q-Q Plot of HeartDisease
for Age= 53.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

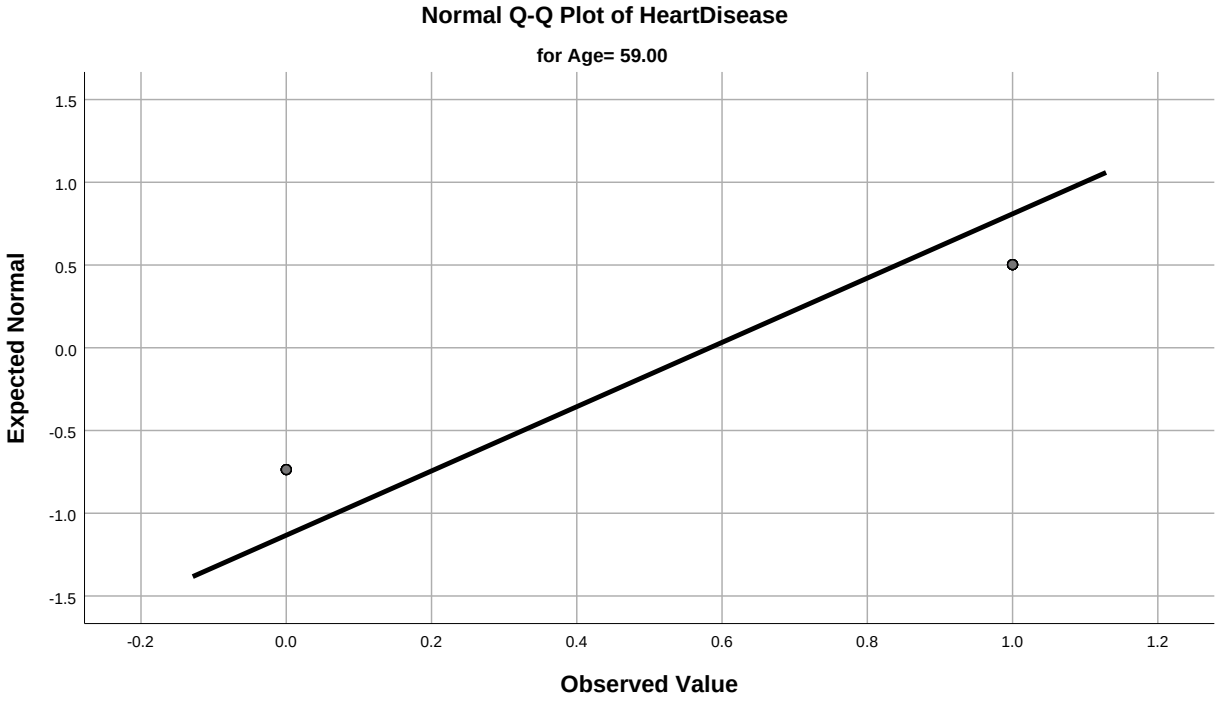

Normal Q-Q Plot of HeartDisease
for Age= 54.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

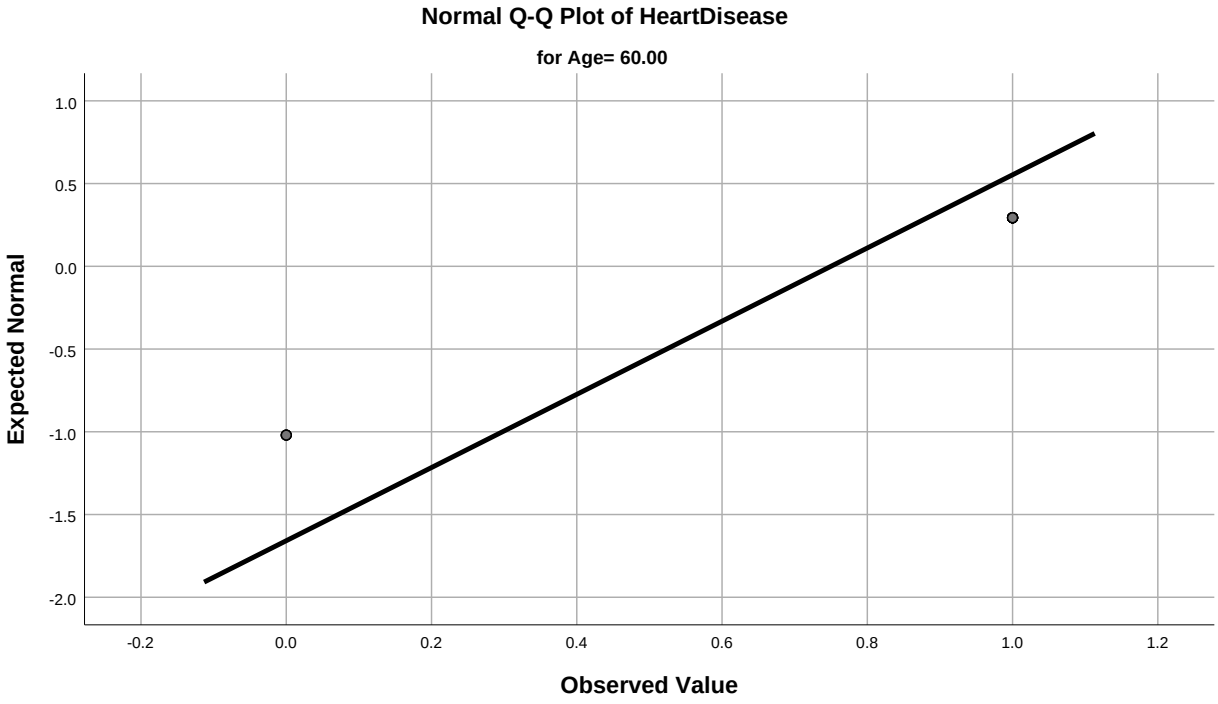

Normal Q-Q Plot of HeartDisease
for Age= 55.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

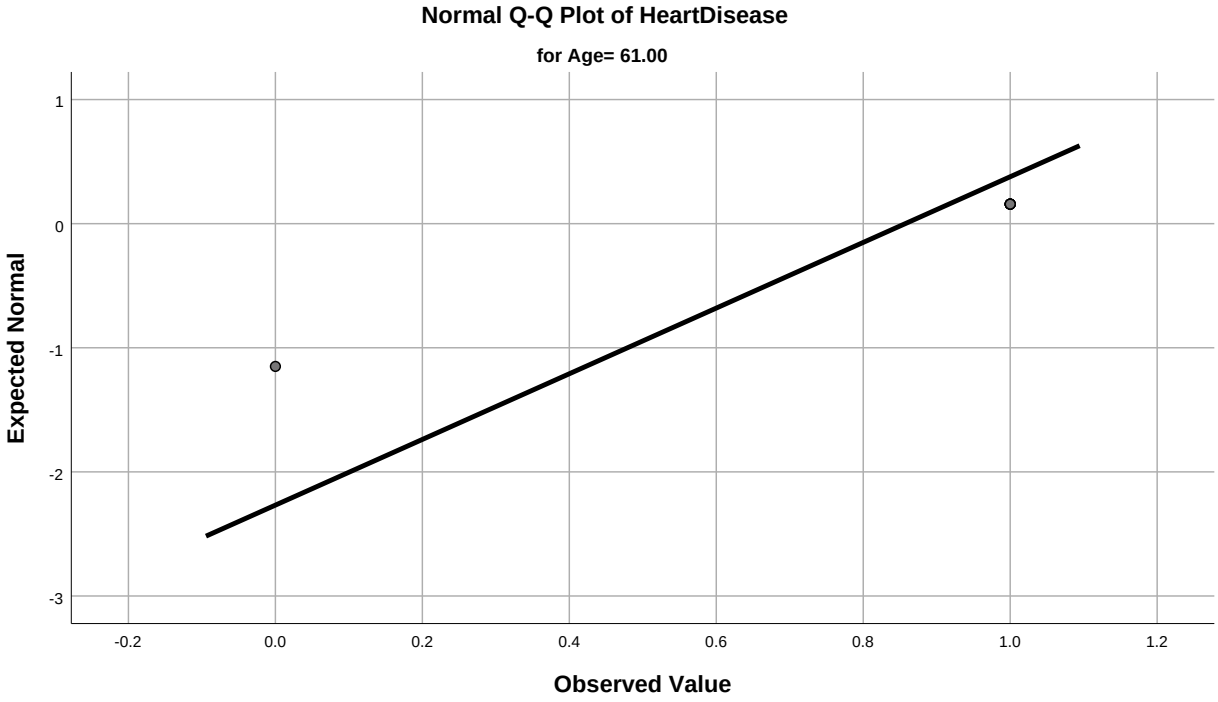

Normal Q-Q Plot of HeartDisease
for Age= 56.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

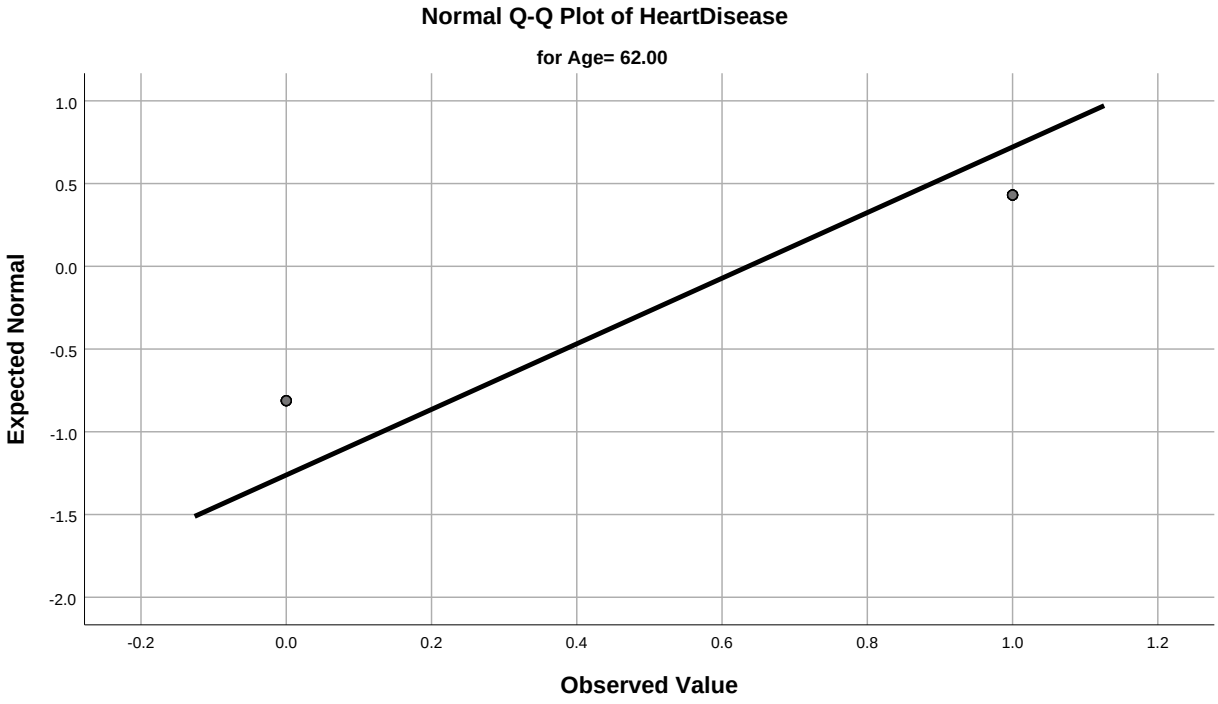

Normal Q-Q Plot of HeartDisease
for Age= 57.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

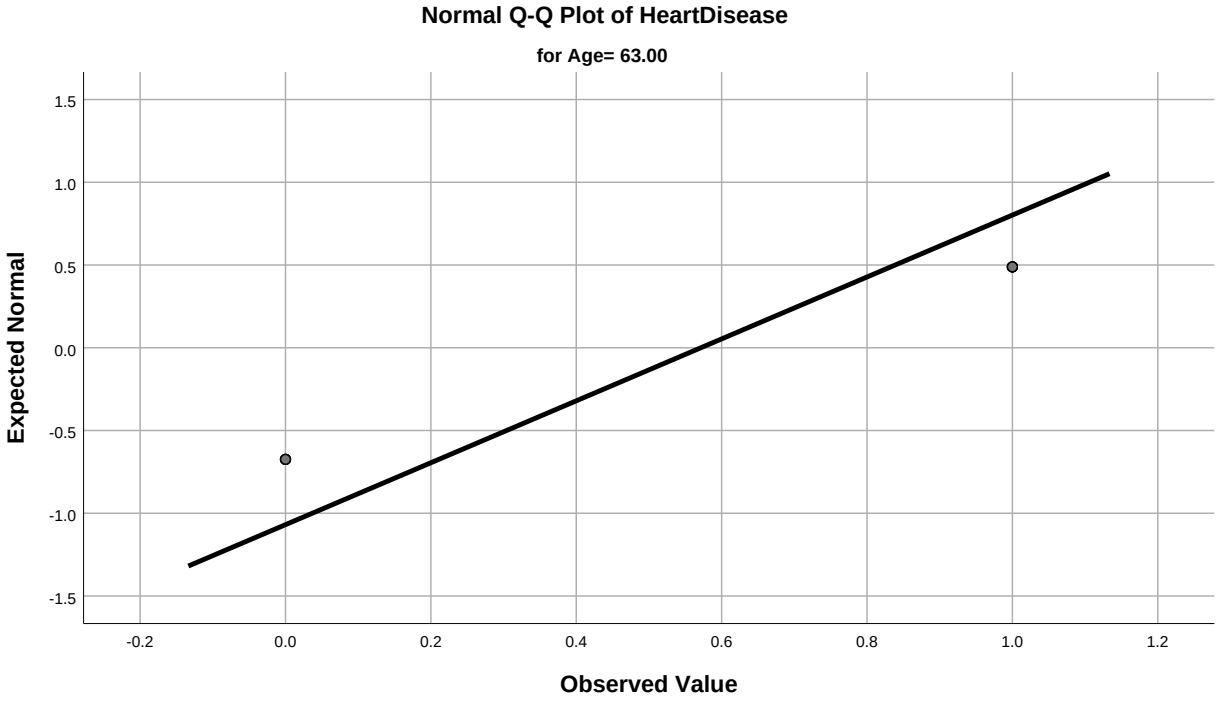

Normal Q-Q Plot of HeartDisease
for Age= 58.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

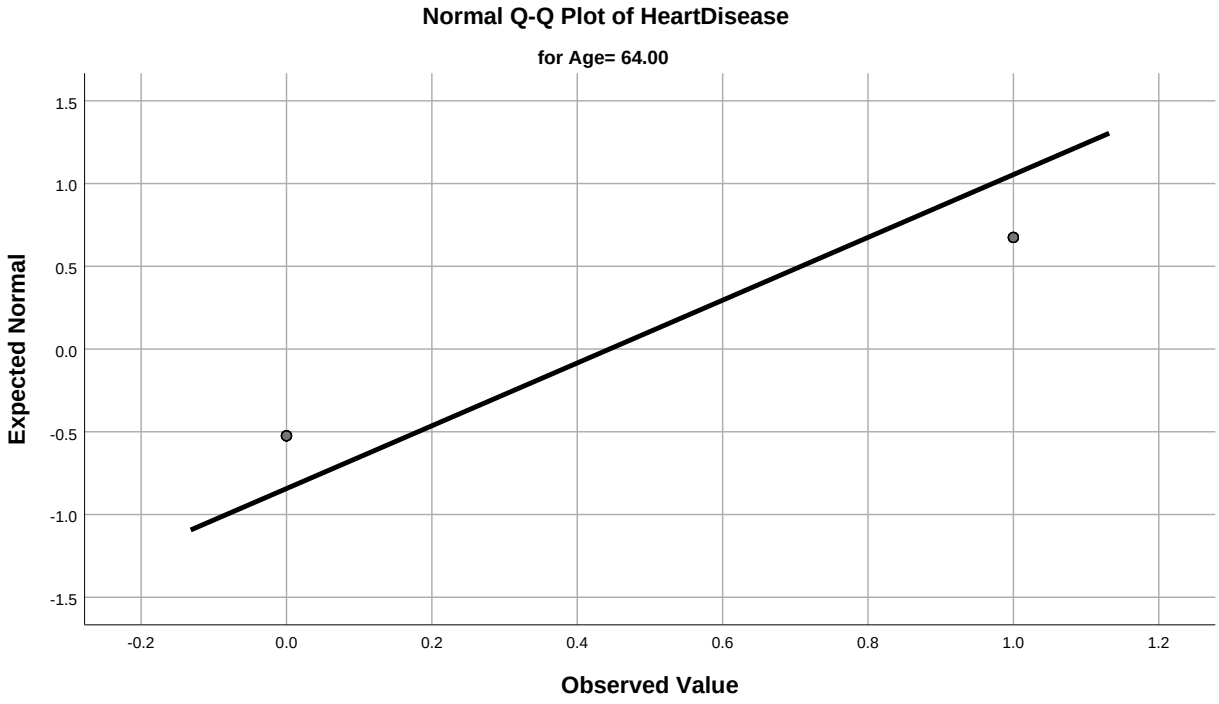

Normal Q-Q Plot of HeartDisease
for Age= 59.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

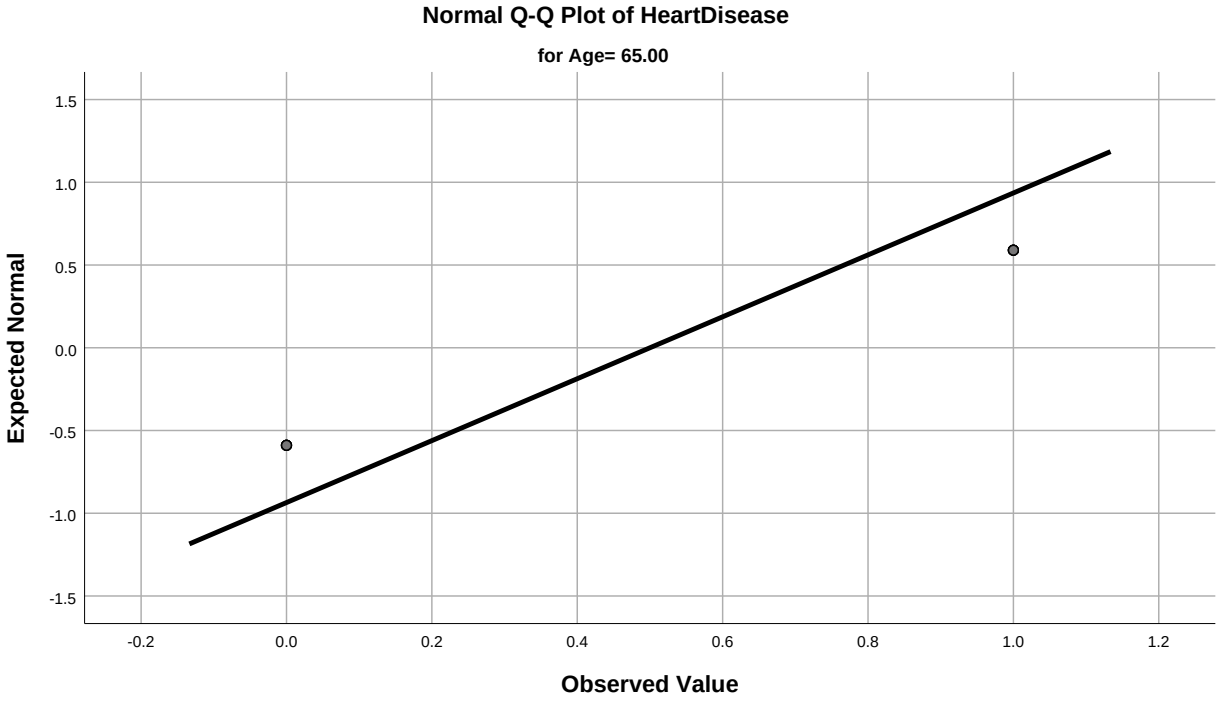

Normal Q-Q Plot of HeartDisease
for Age= 60.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

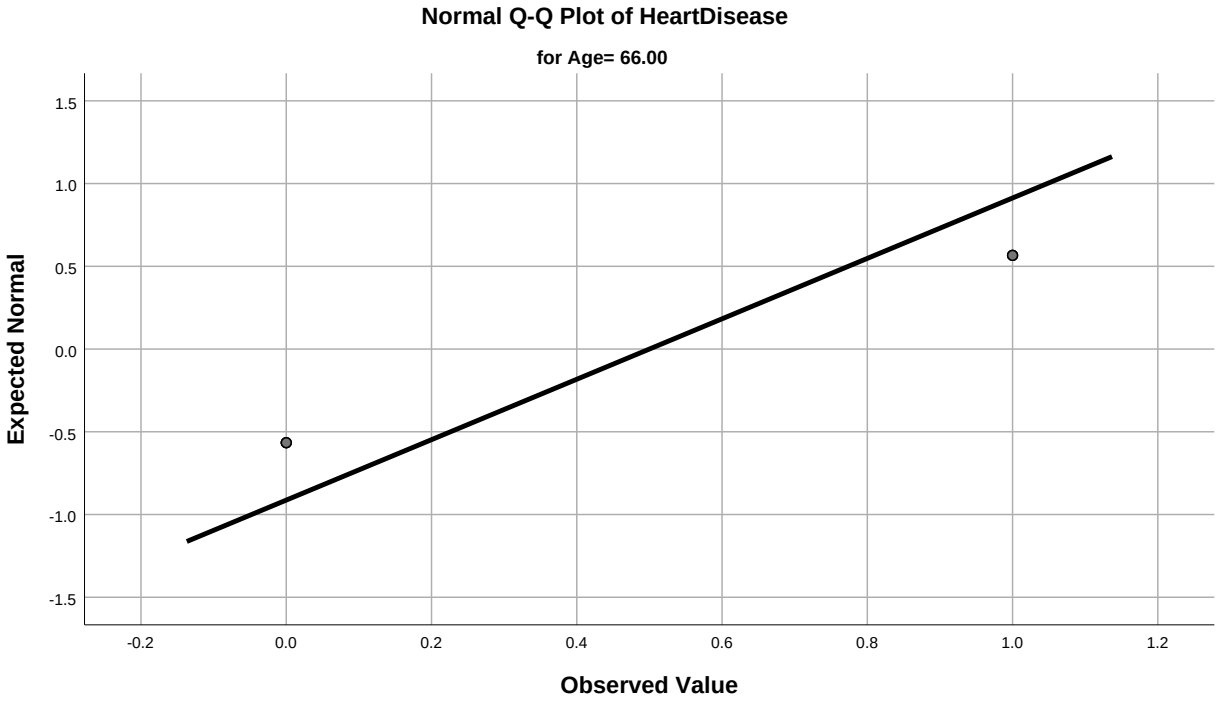

Normal Q-Q Plot of HeartDisease
for Age= 61.00
Expected Normal
1
0
-1
-2
-3
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

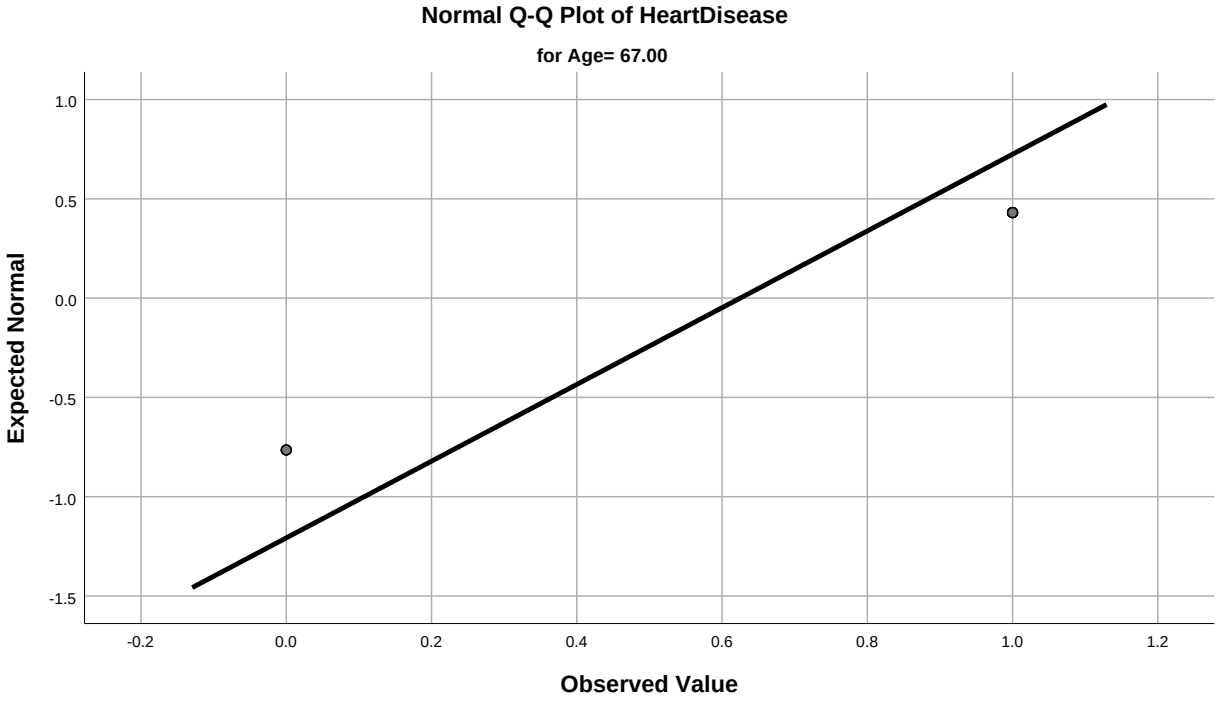

Normal Q-Q Plot of HeartDisease
for Age= 62.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

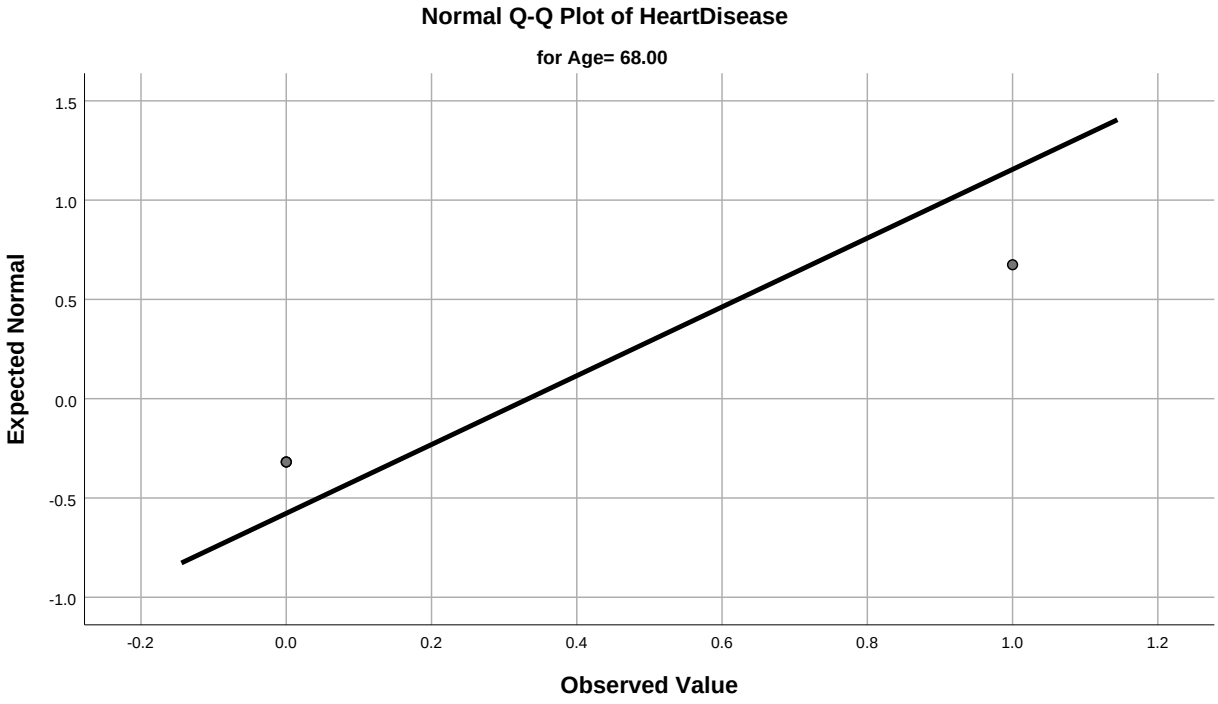

Normal Q-Q Plot of HeartDisease
for Age= 63.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

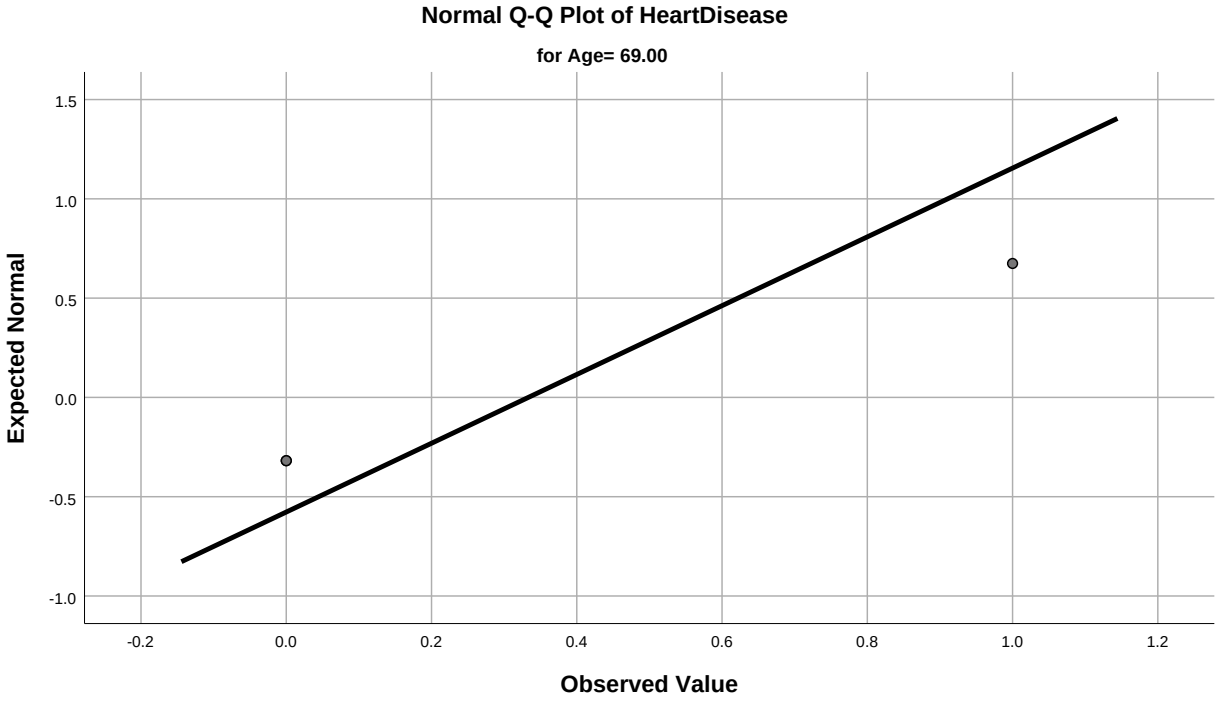

Normal Q-Q Plot of HeartDisease
for Age= 64.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

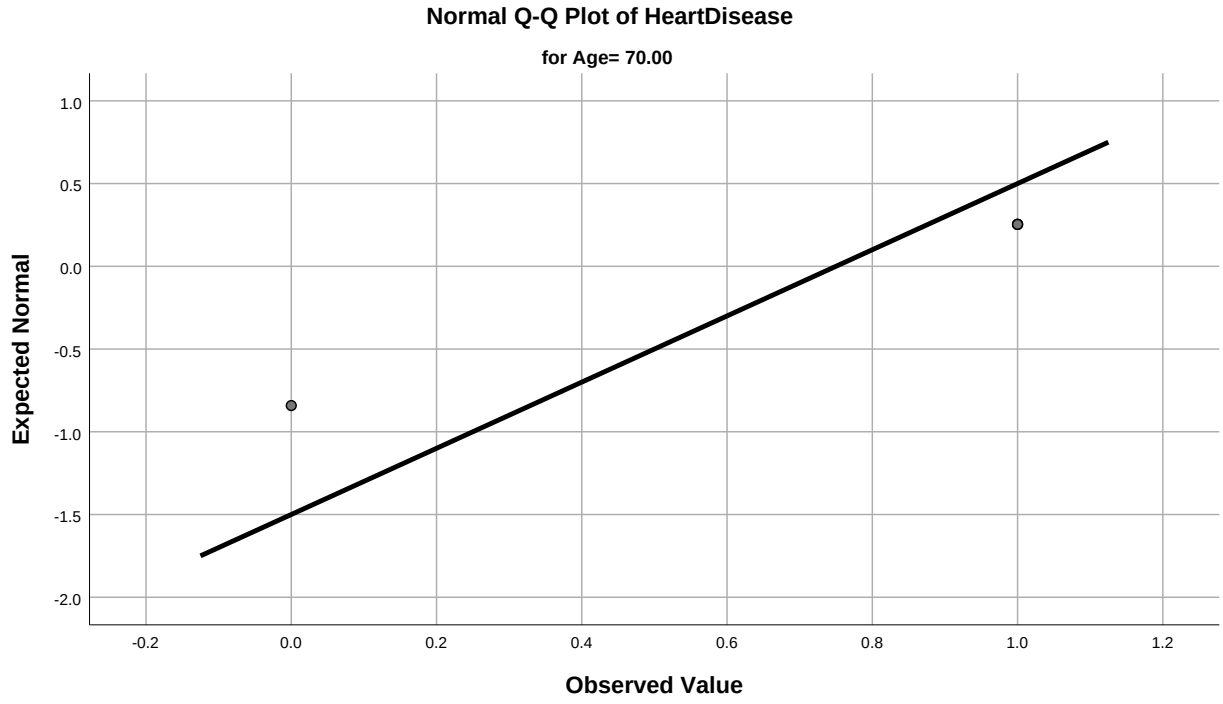

Normal Q-Q Plot of HeartDisease
for Age= 65.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

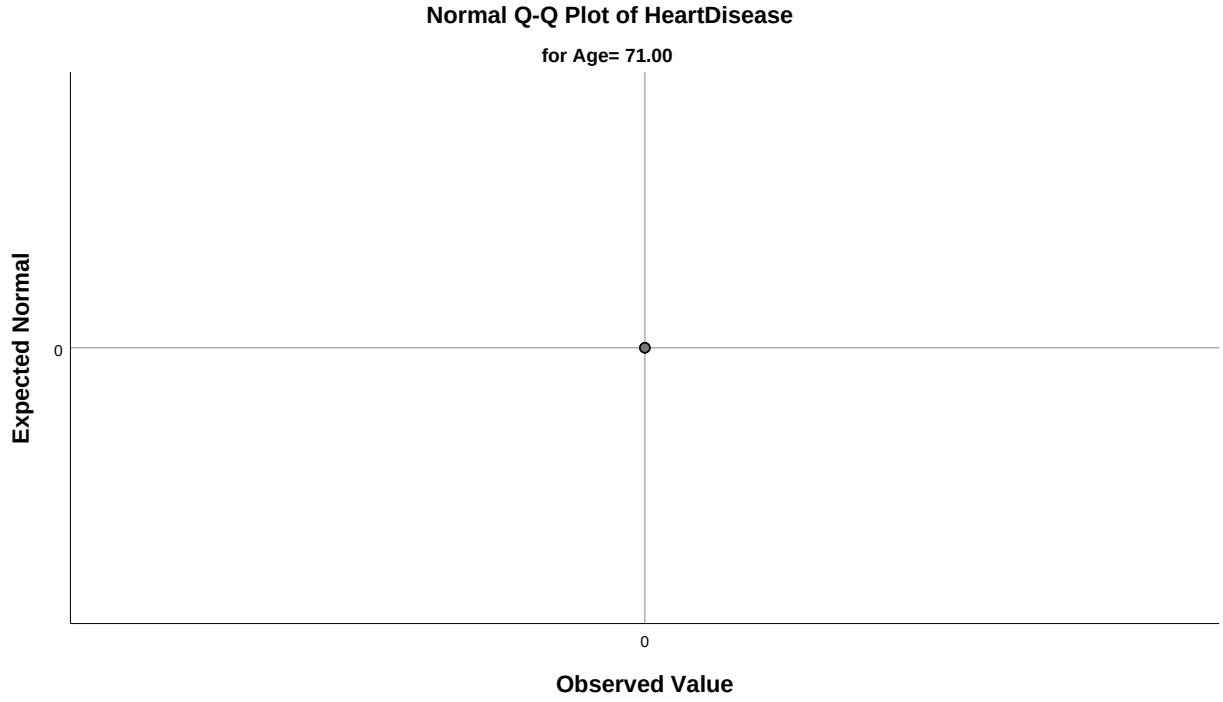

Normal Q-Q Plot of HeartDisease
for Age= 66.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for Age= 67.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

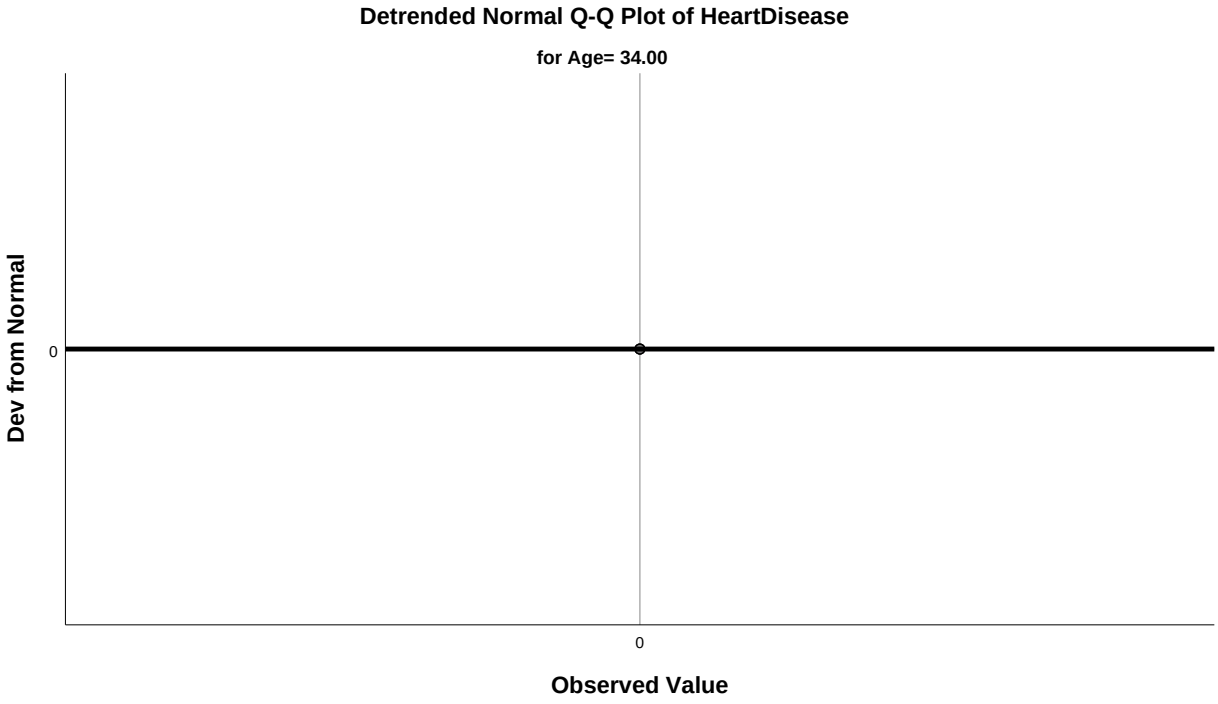

Normal Q-Q Plot of HeartDisease
for Age= 68.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

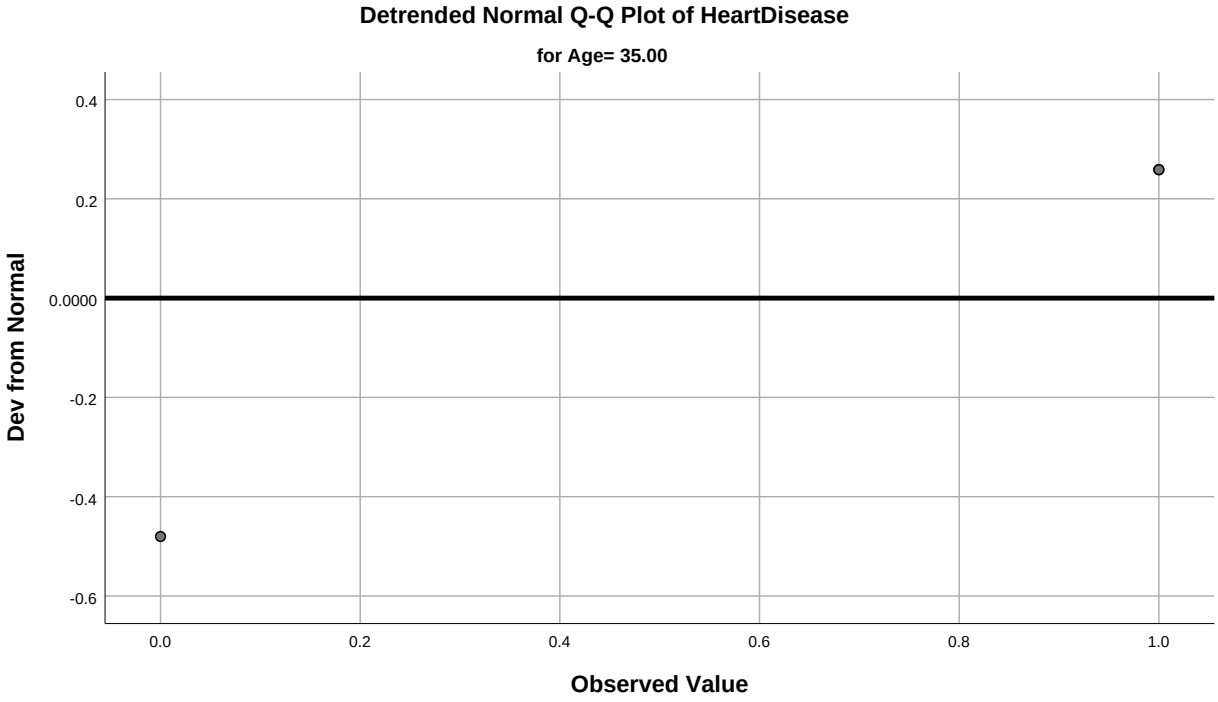

Normal Q-Q Plot of HeartDisease
for Age= 69.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

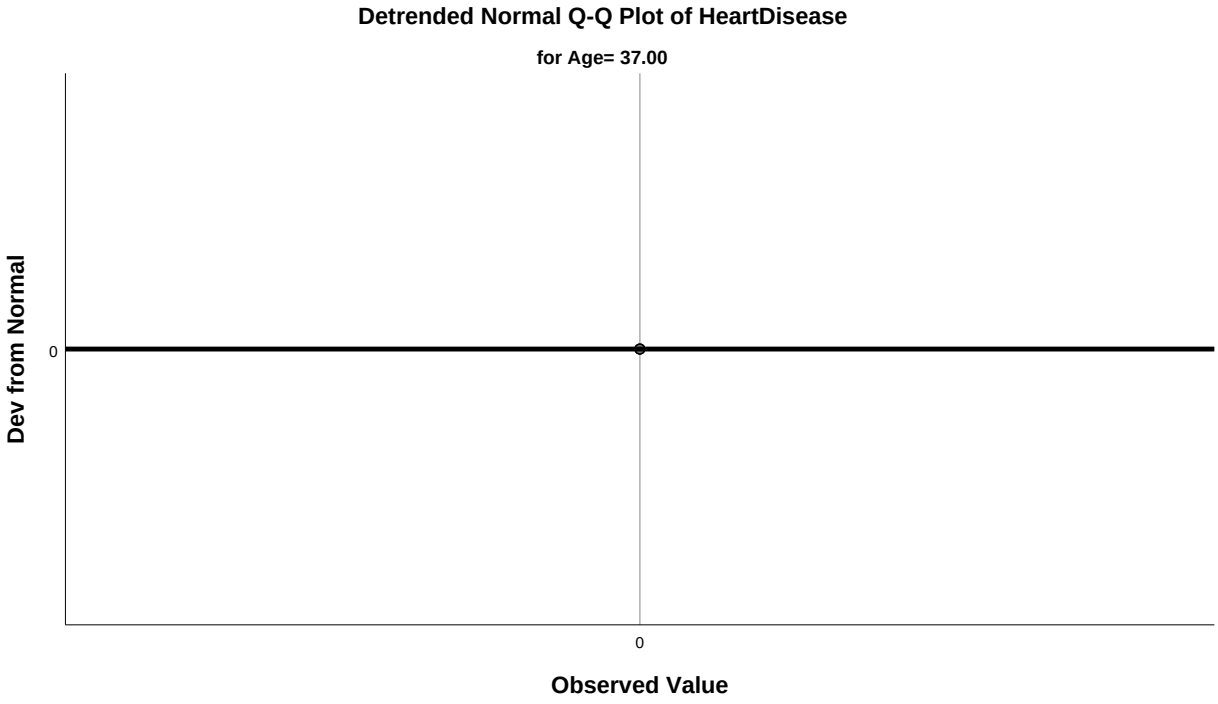


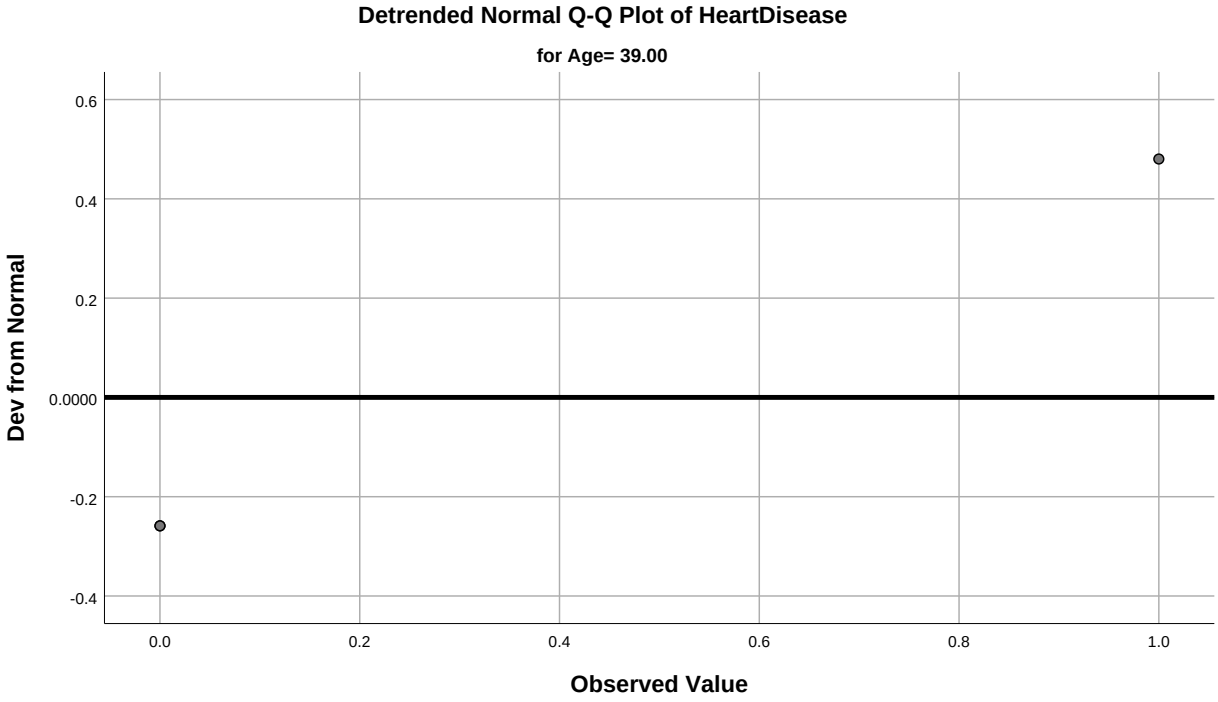


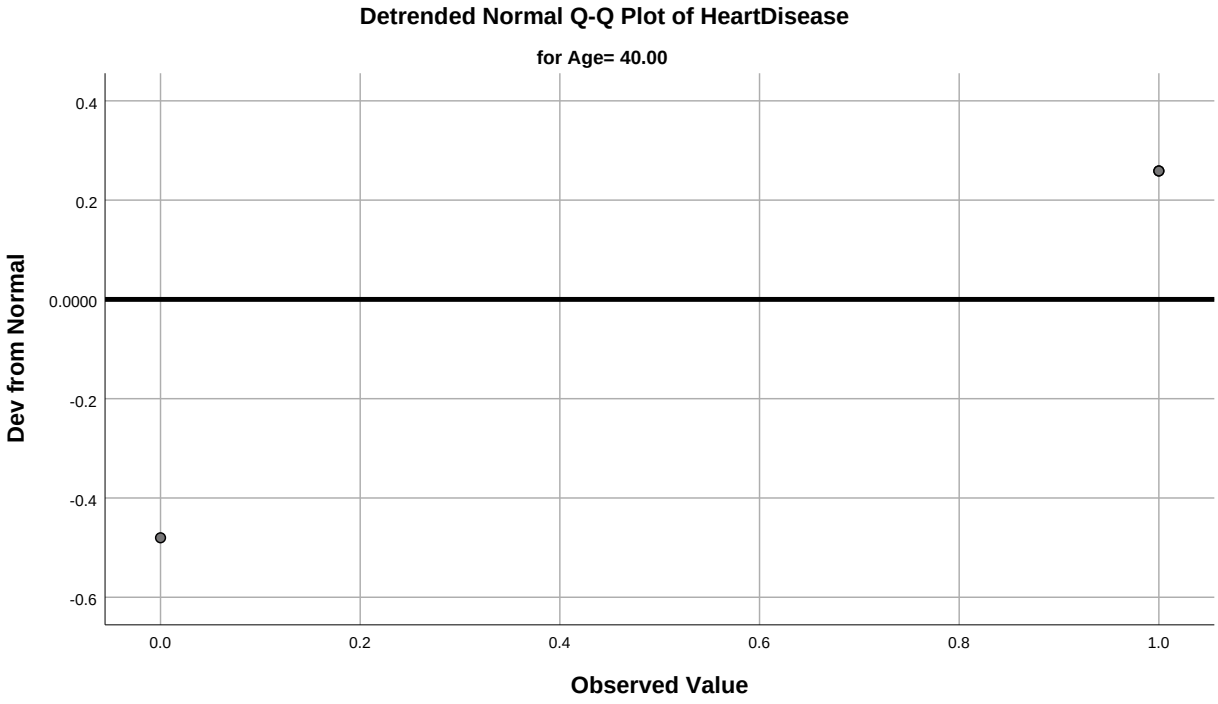
Detrended Normal Q-Q Plots

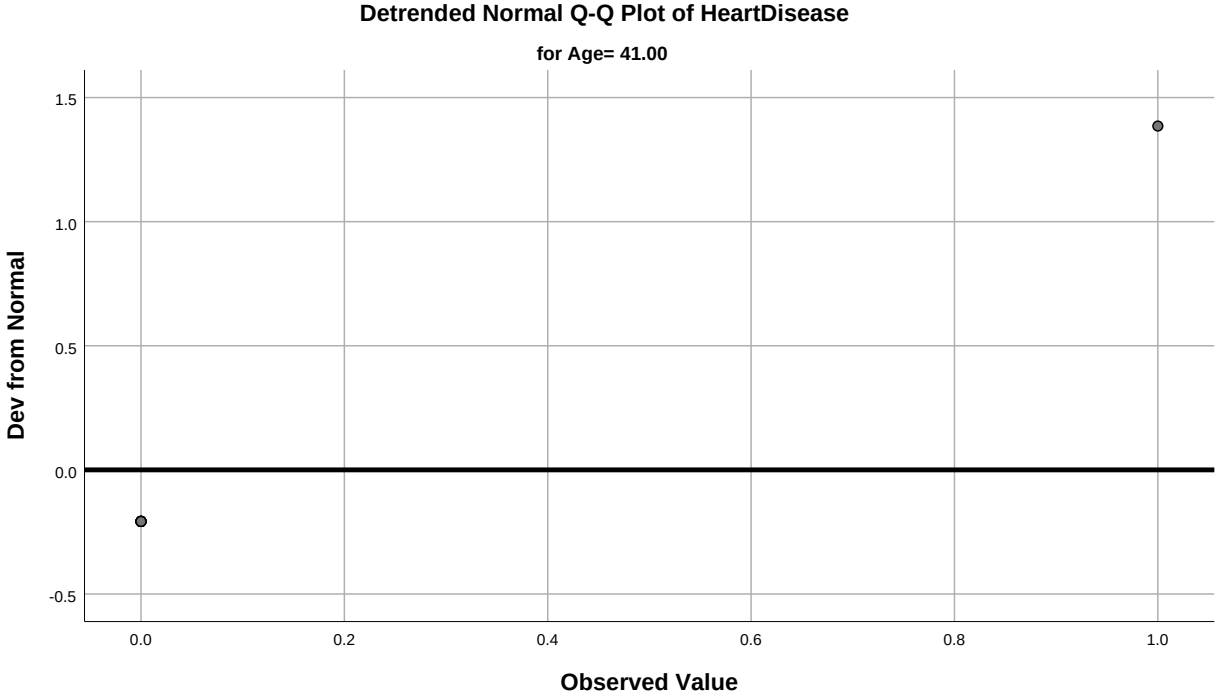

Detrended Normal Q-Q Plot of HeartDisease
for Age= 34.00
Dev from Normal
0
0
Observed Value

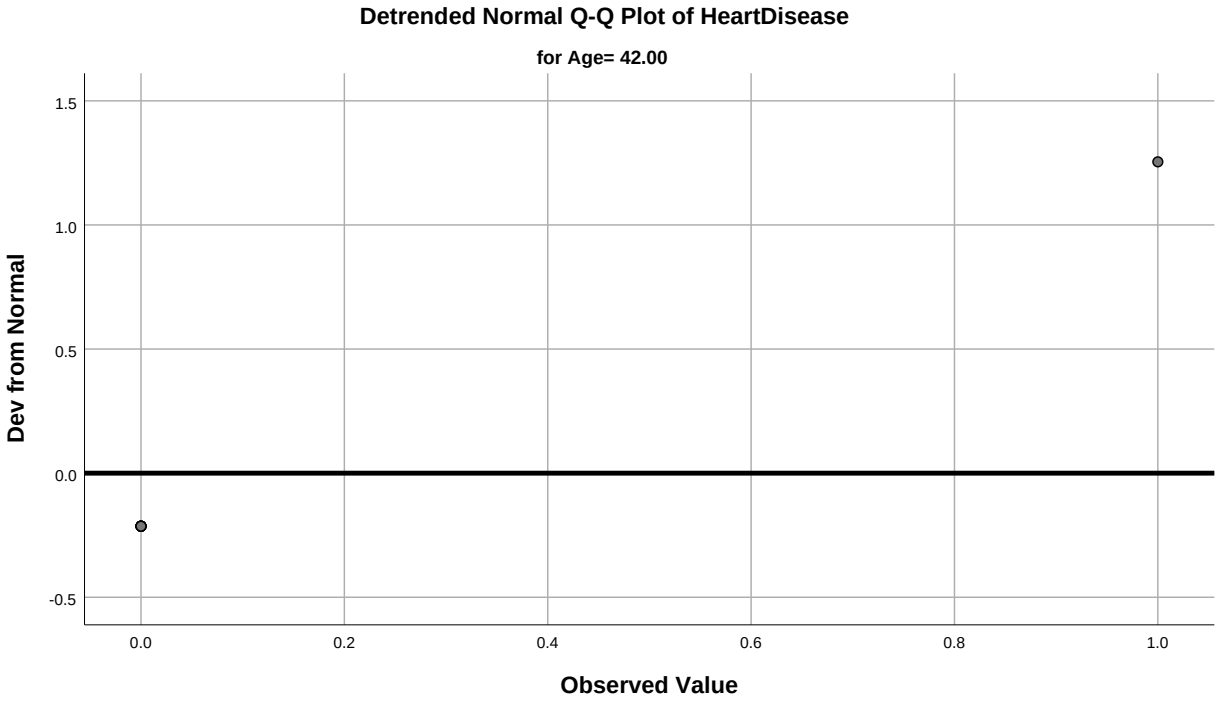

Detrended Normal Q-Q Plot of HeartDisease
for Age= 35.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

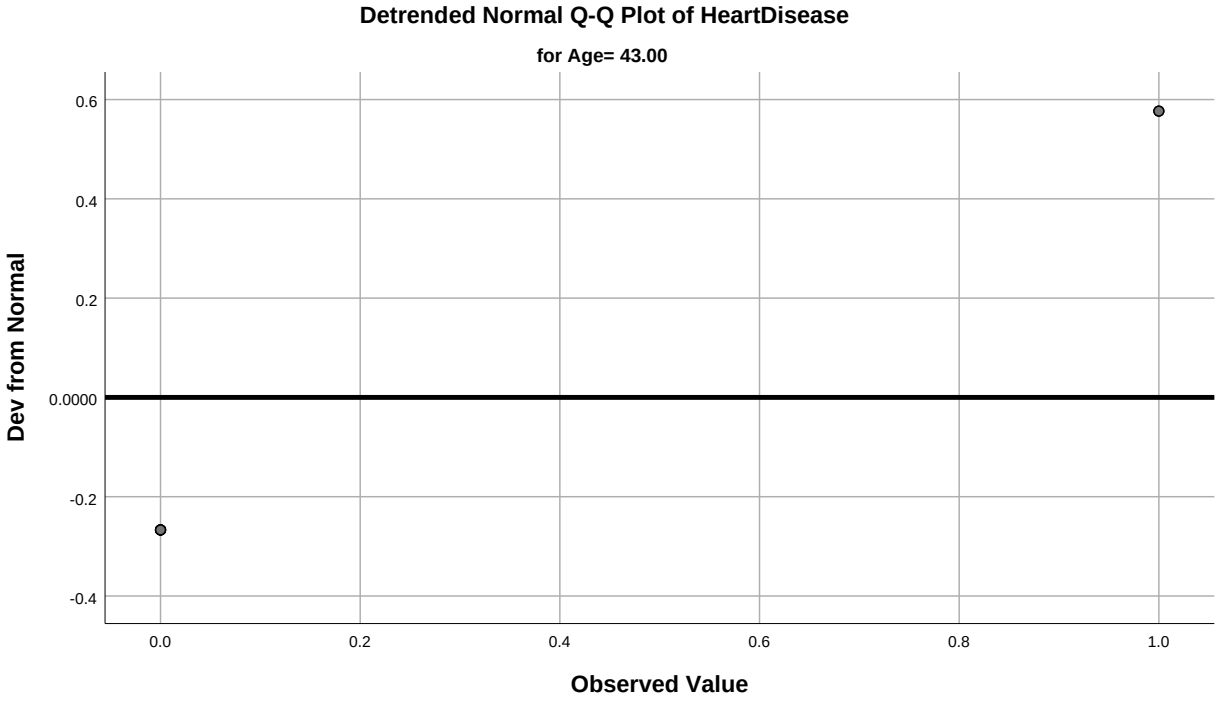

Detrended Normal Q-Q Plot of HeartDisease
for Age= 37.00
Dev from Normal
0
0
Observed Value

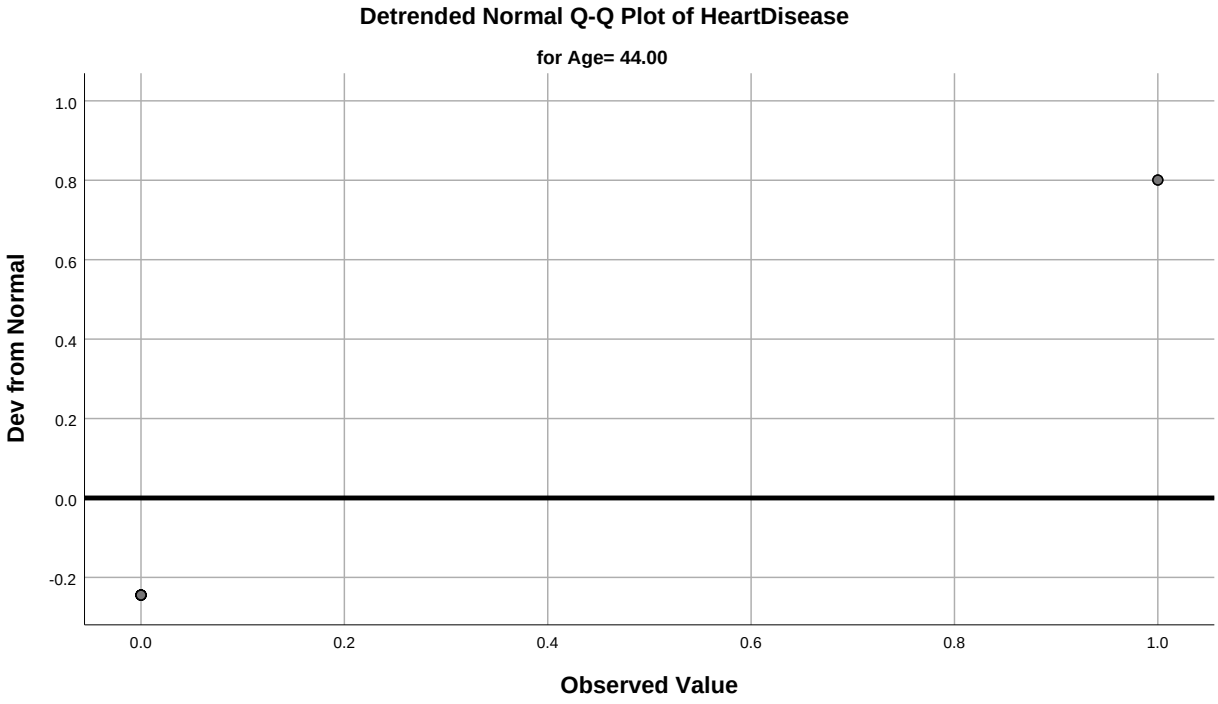

Detrended Normal Q-Q Plot of HeartDisease
for Age= 39.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

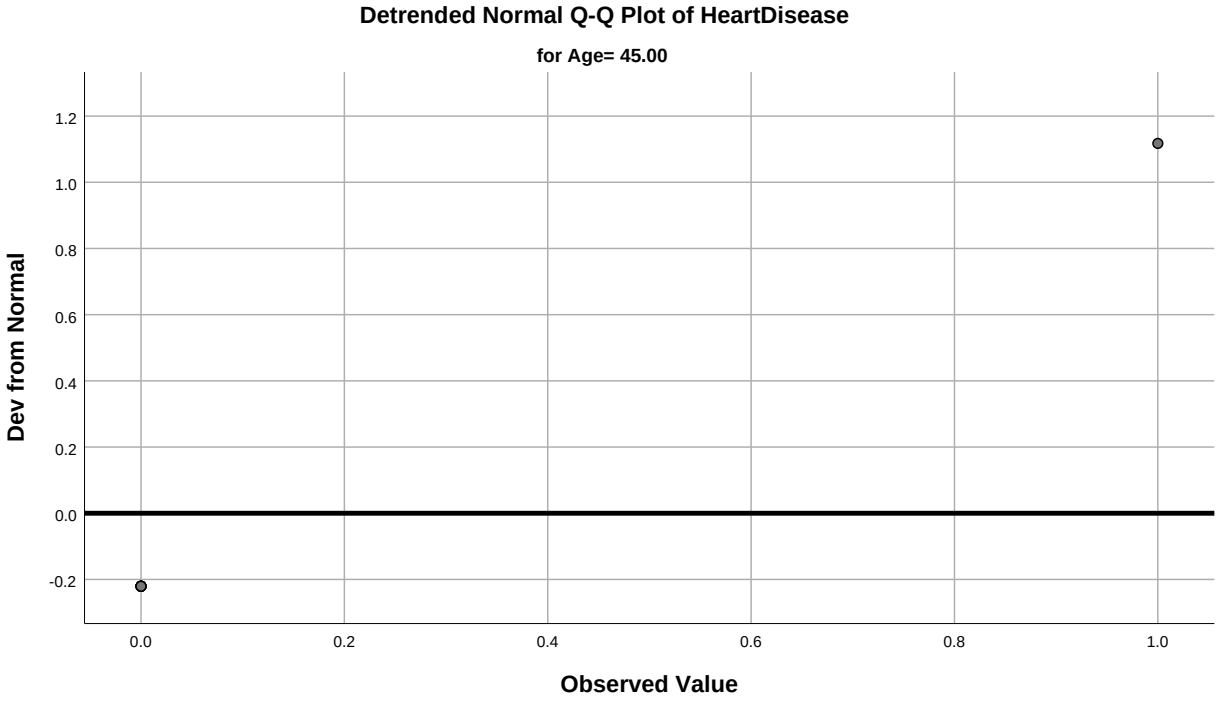

Detrended Normal Q-Q Plot of HeartDisease
for Age= 40.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

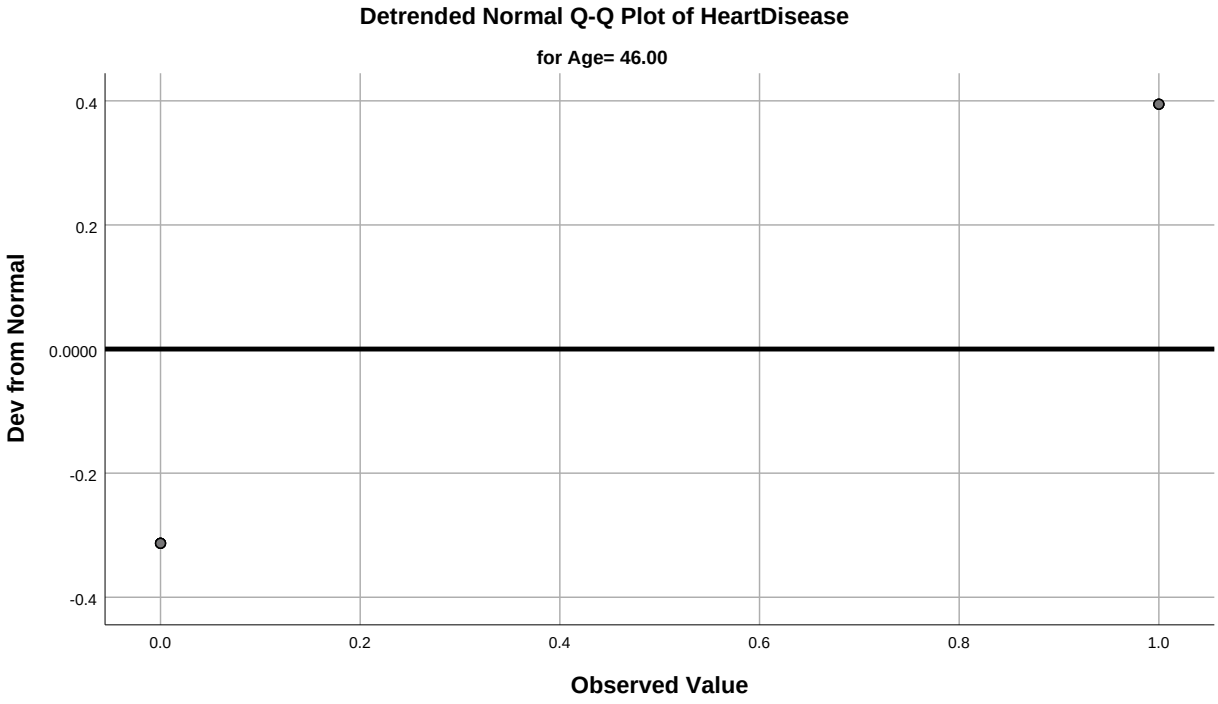

Detrended Normal Q-Q Plot of HeartDisease
for Age= 41.00
Dev from Normal
1.5
1.0
0.5
0.0
-0.5
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

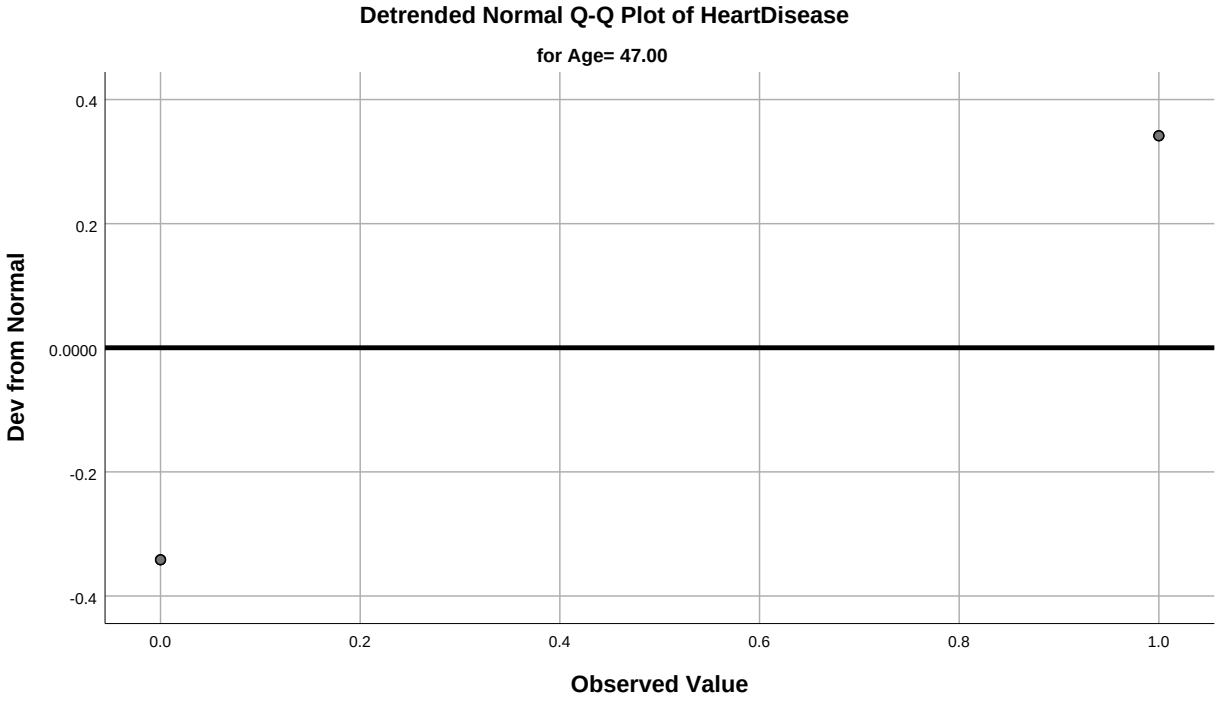

Detrended Normal Q-Q Plot of HeartDisease
for Age= 42.00
Dev from Normal
1.5
1.0
0.5
0.0
-0.5
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

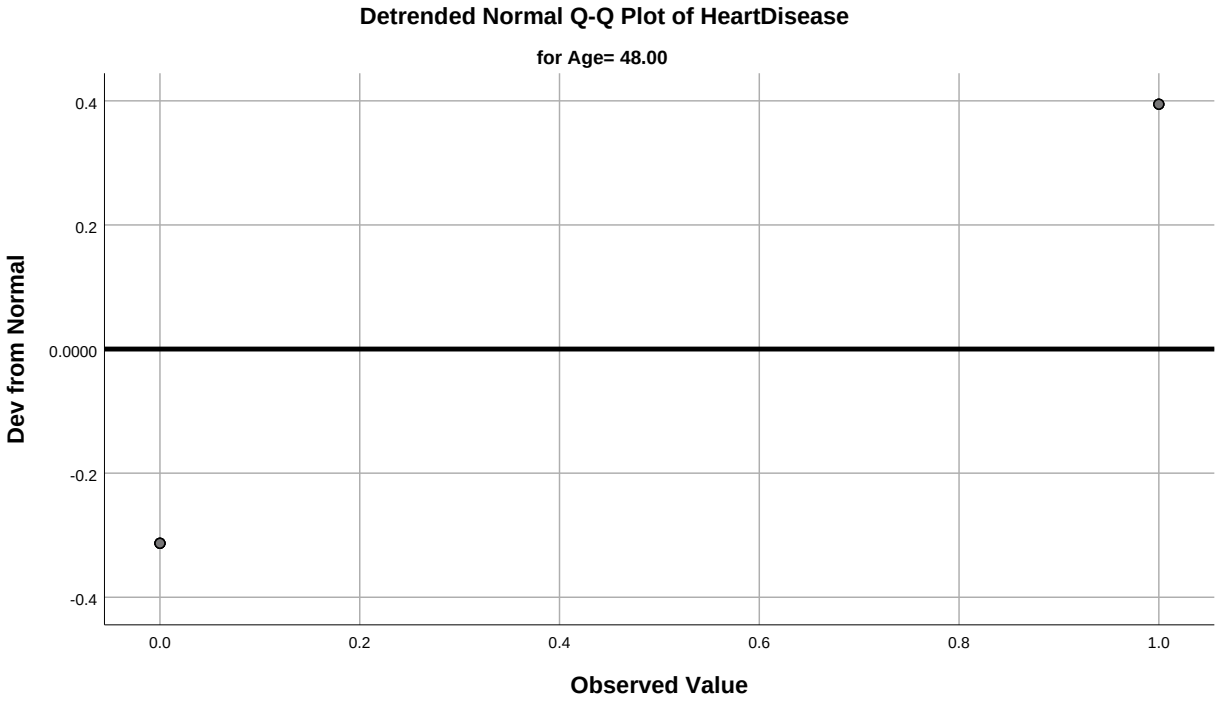

Detrended Normal Q-Q Plot of HeartDisease
for Age= 43.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

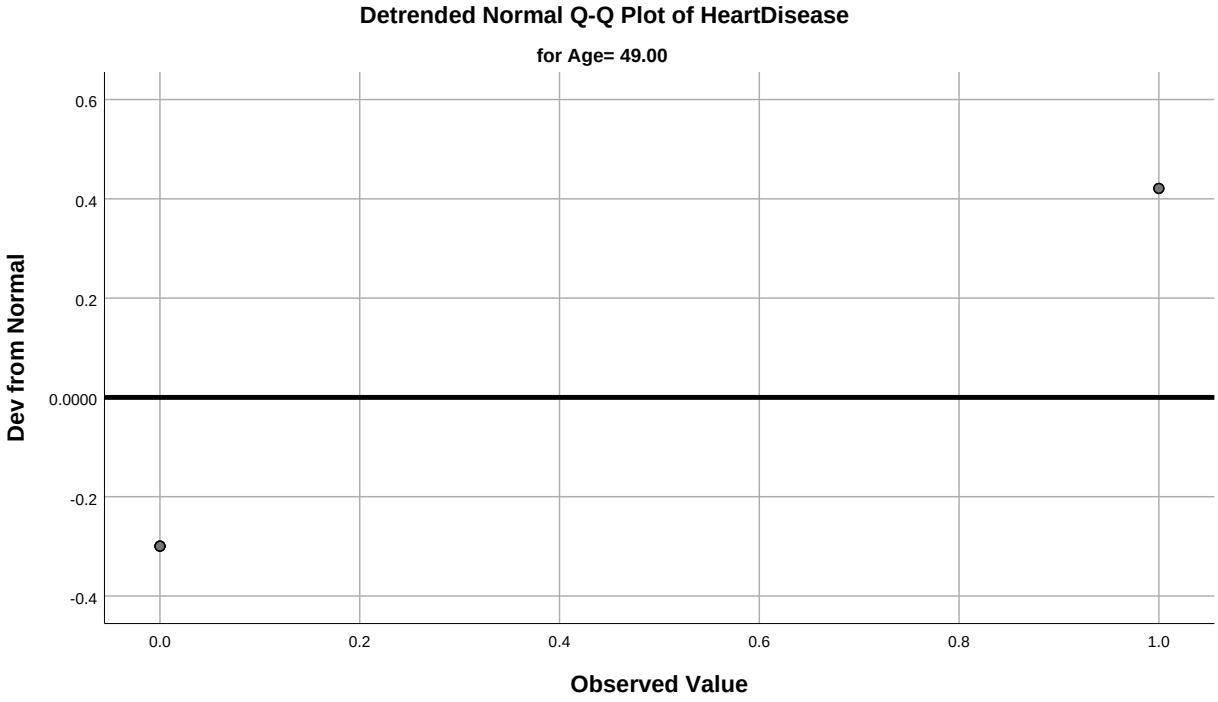

Detrended Normal Q-Q Plot of HeartDisease
for Age= 44.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

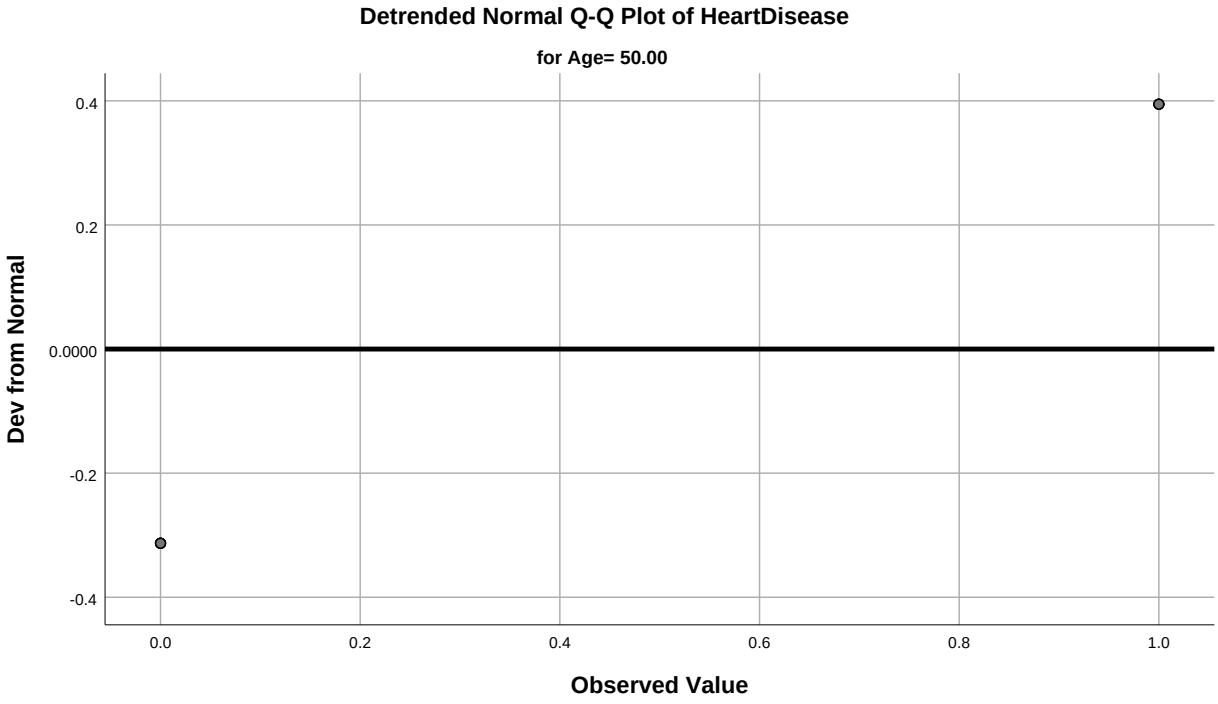

Detrended Normal Q-Q Plot of HeartDisease
for Age= 45.00
Dev from Normal
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

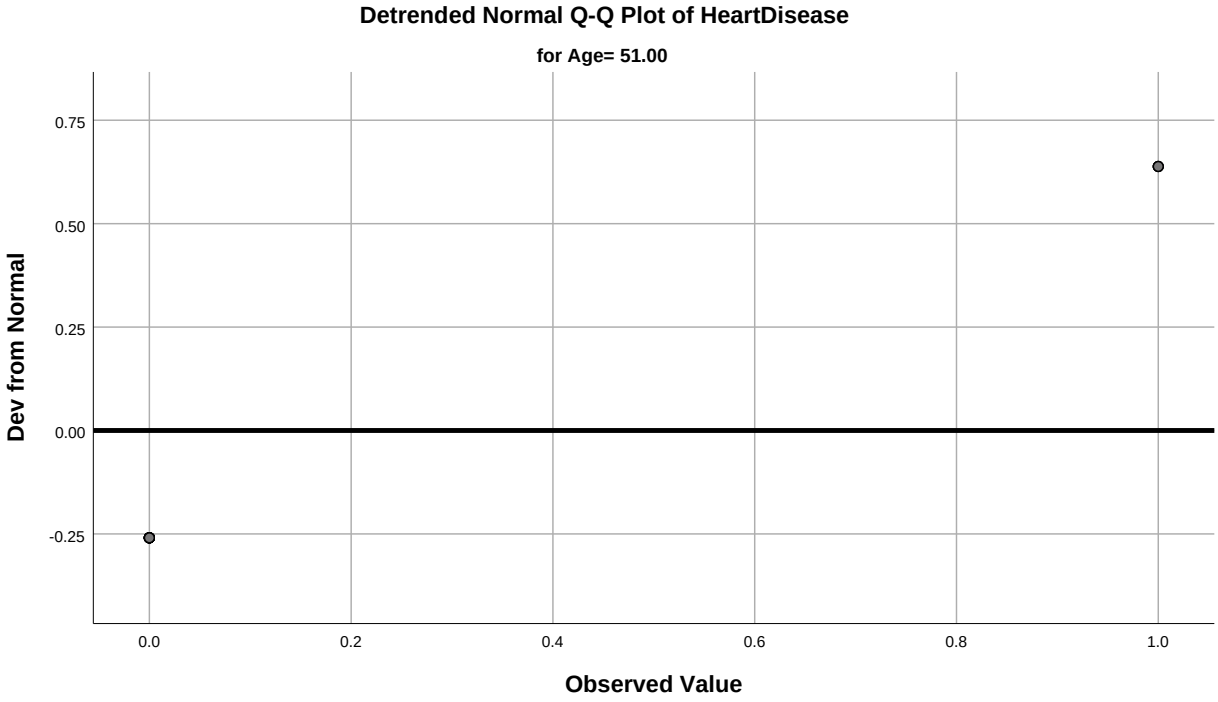

Detrended Normal Q-Q Plot of HeartDisease
for Age= 46.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

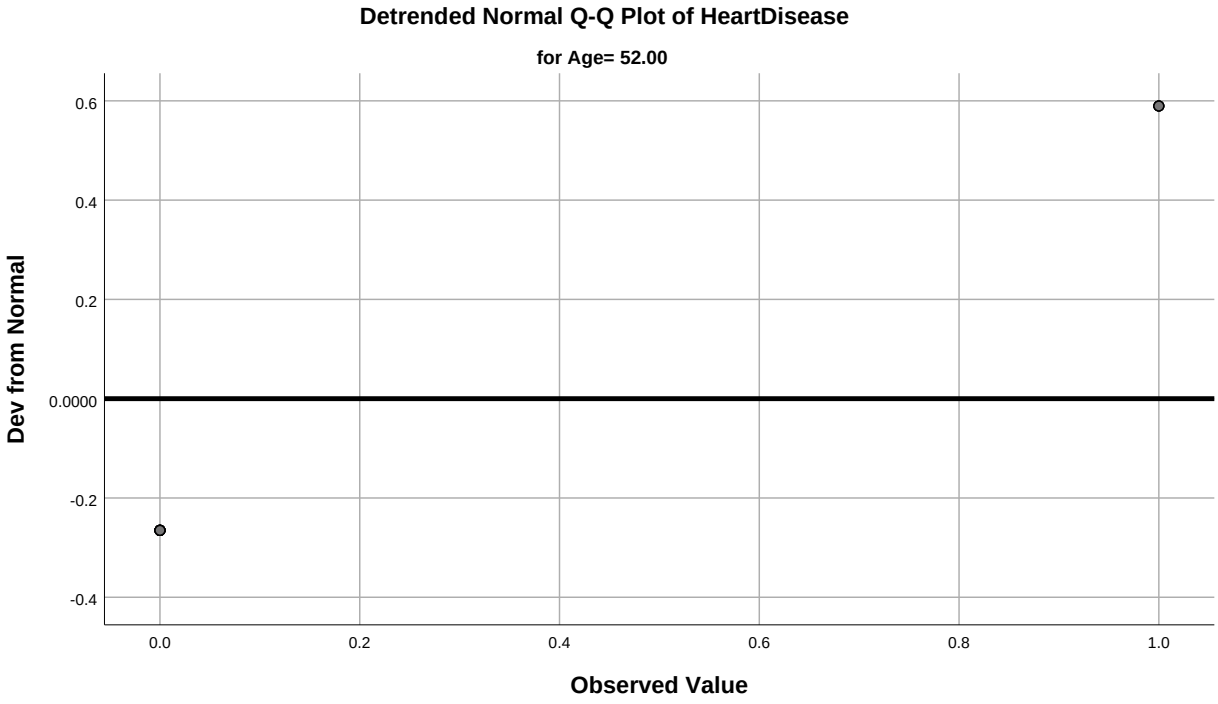

Detrended Normal Q-Q Plot of HeartDisease
for Age= 47.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

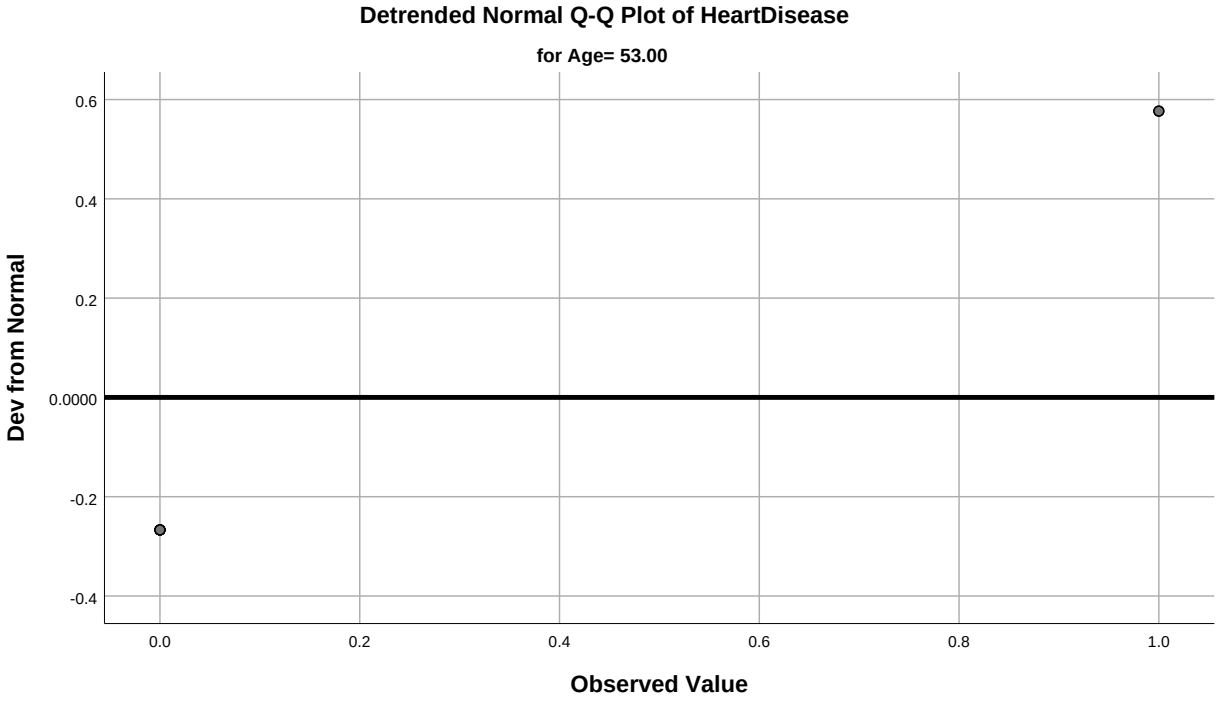

Detrended Normal Q-Q Plot of HeartDisease
for Age= 48.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

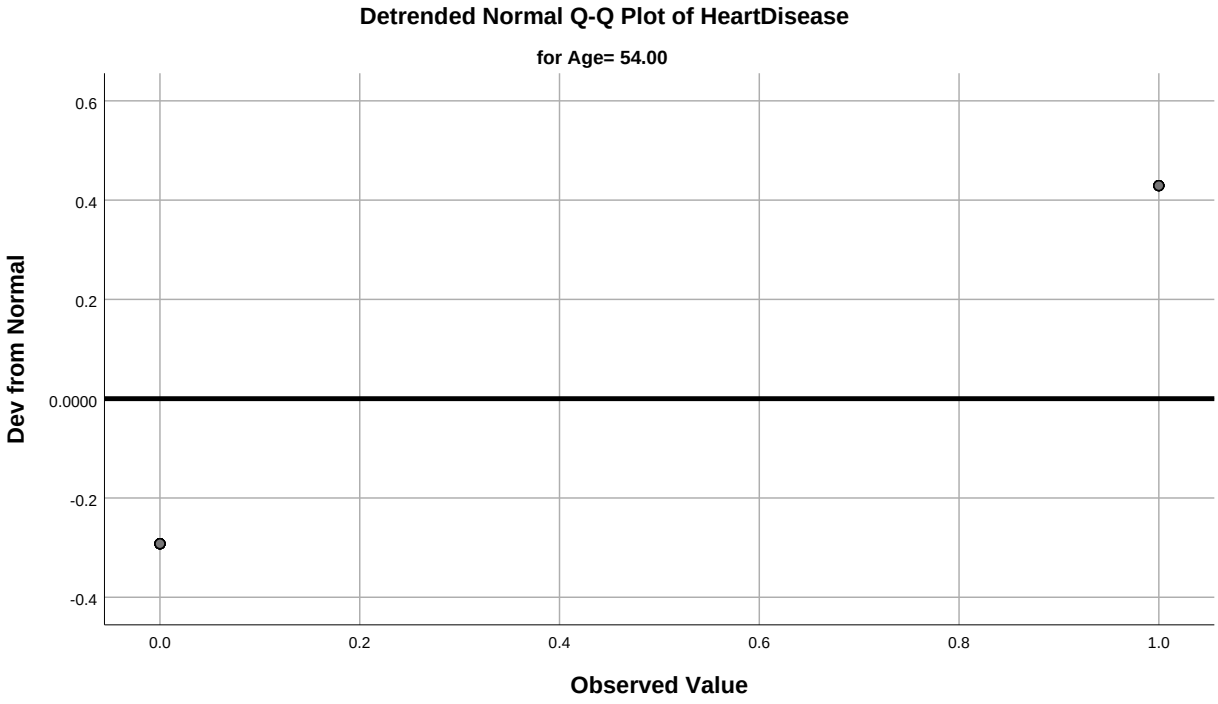

Detrended Normal Q-Q Plot of HeartDisease
for Age= 49.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

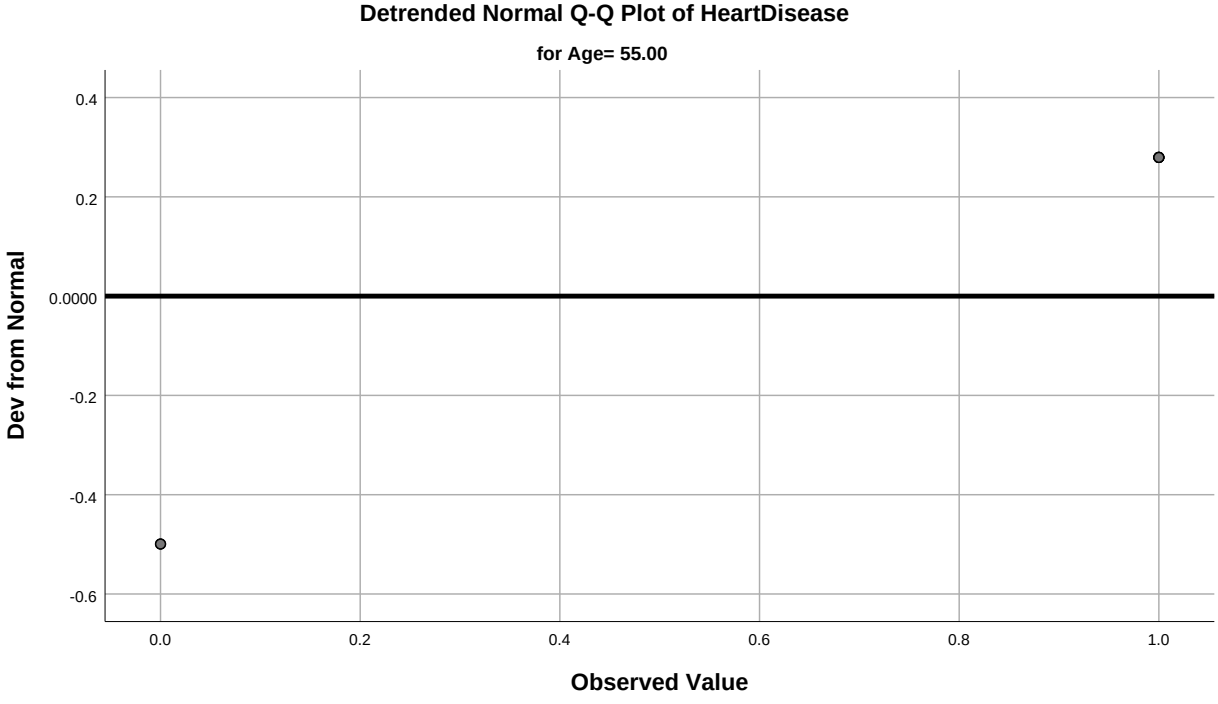

Detrended Normal Q-Q Plot of HeartDisease
for Age= 50.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

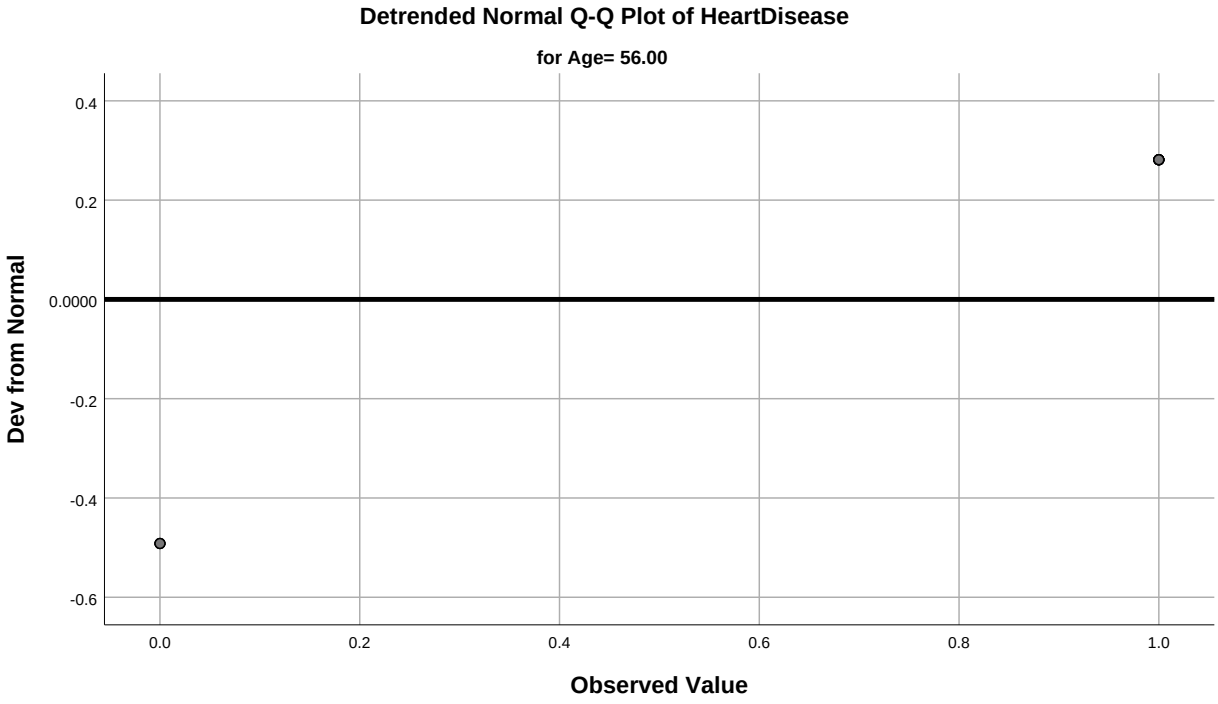

Detrended Normal Q-Q Plot of HeartDisease
for Age= 51.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

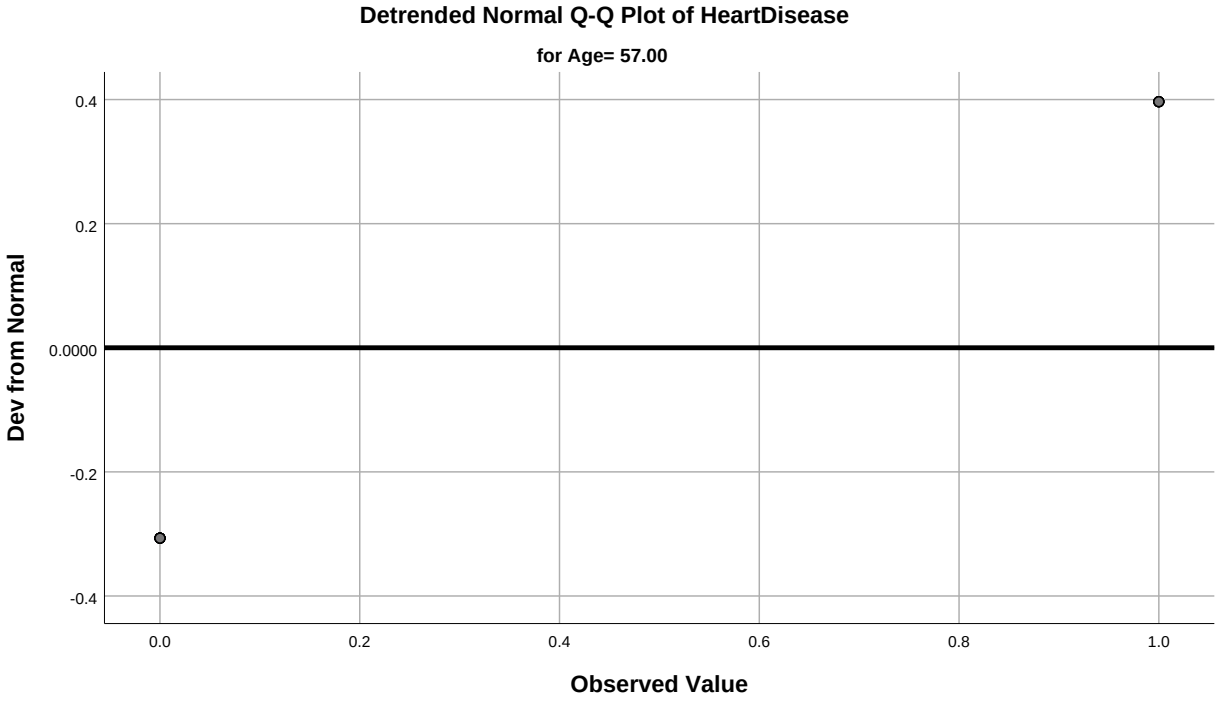

Detrended Normal Q-Q Plot of HeartDisease
for Age= 52.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

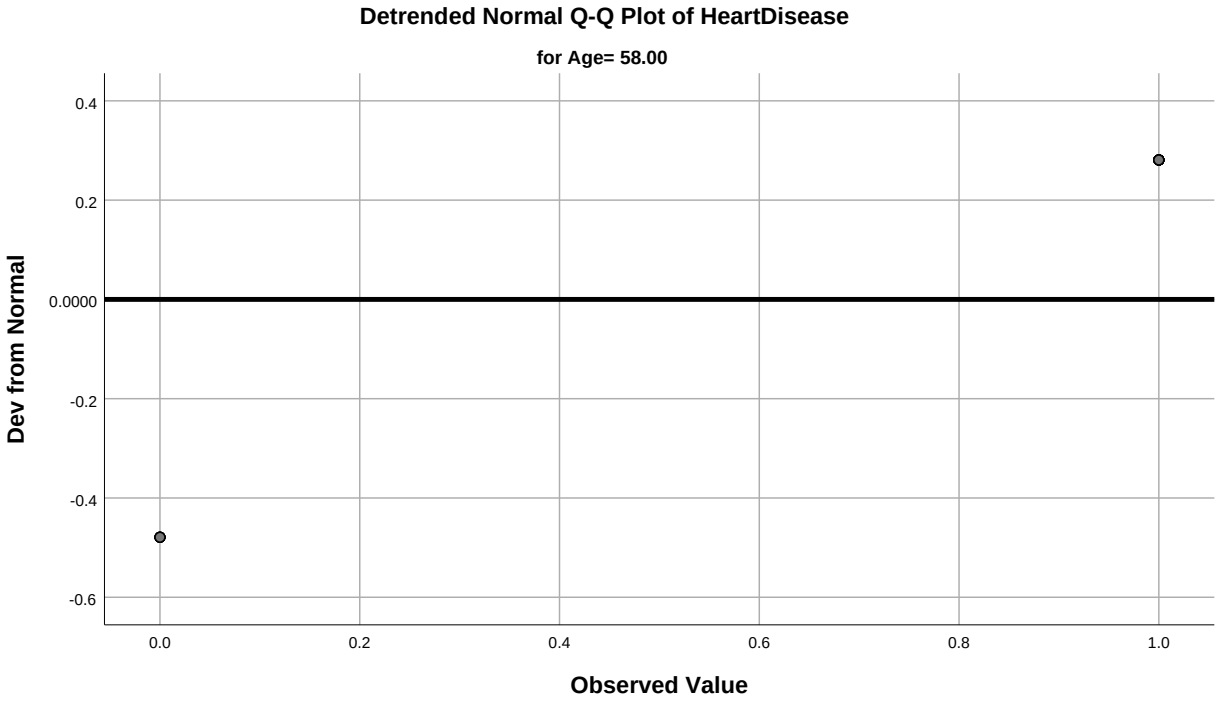

Detrended Normal Q-Q Plot of HeartDisease
for Age= 53.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

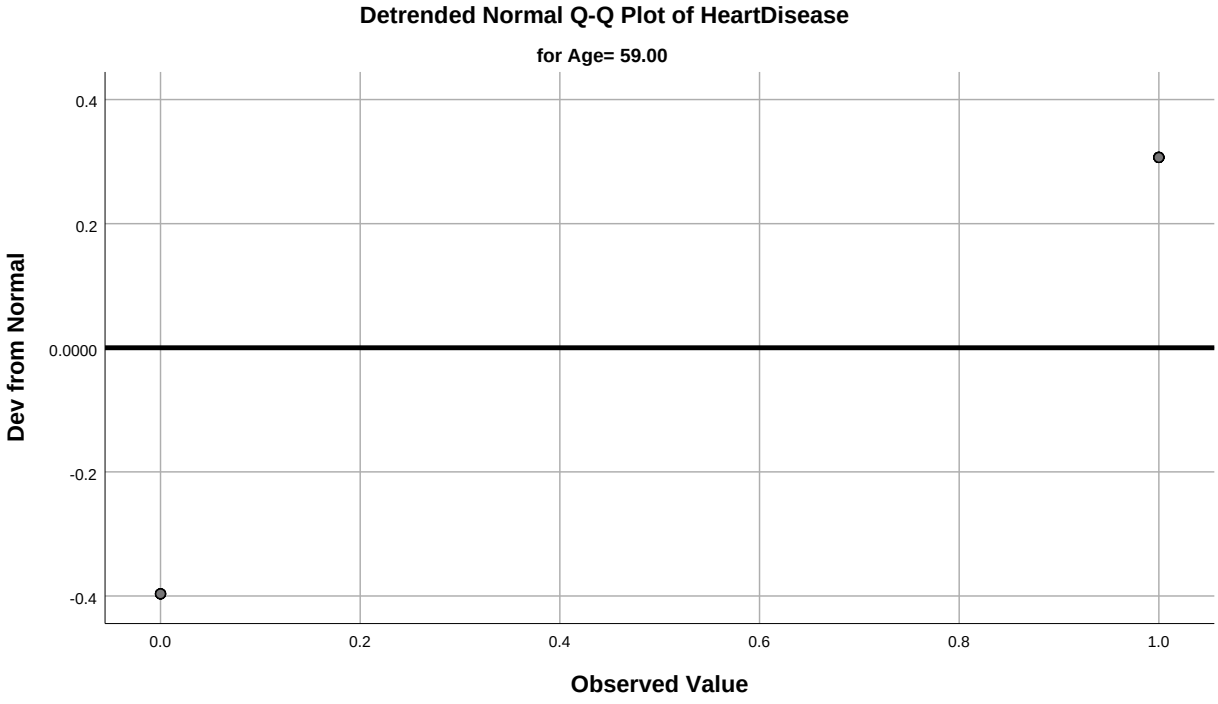

Detrended Normal Q-Q Plot of HeartDisease
for Age= 54.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

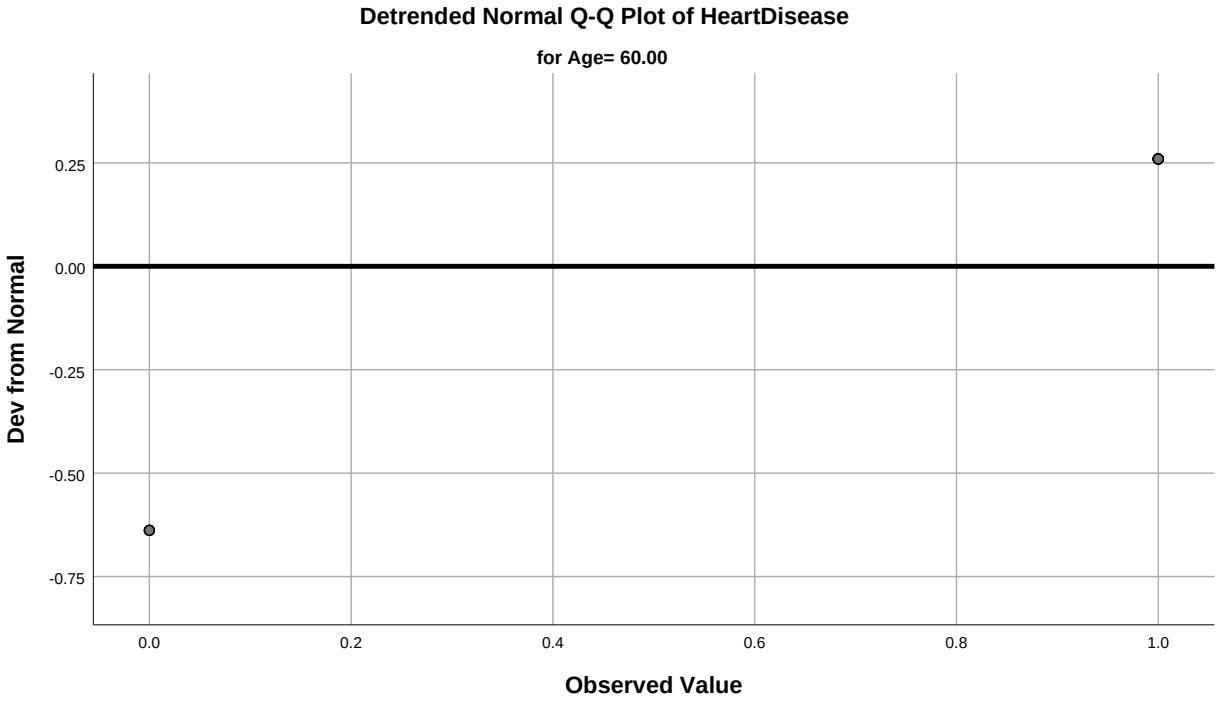

Detrended Normal Q-Q Plot of HeartDisease
for Age= 55.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

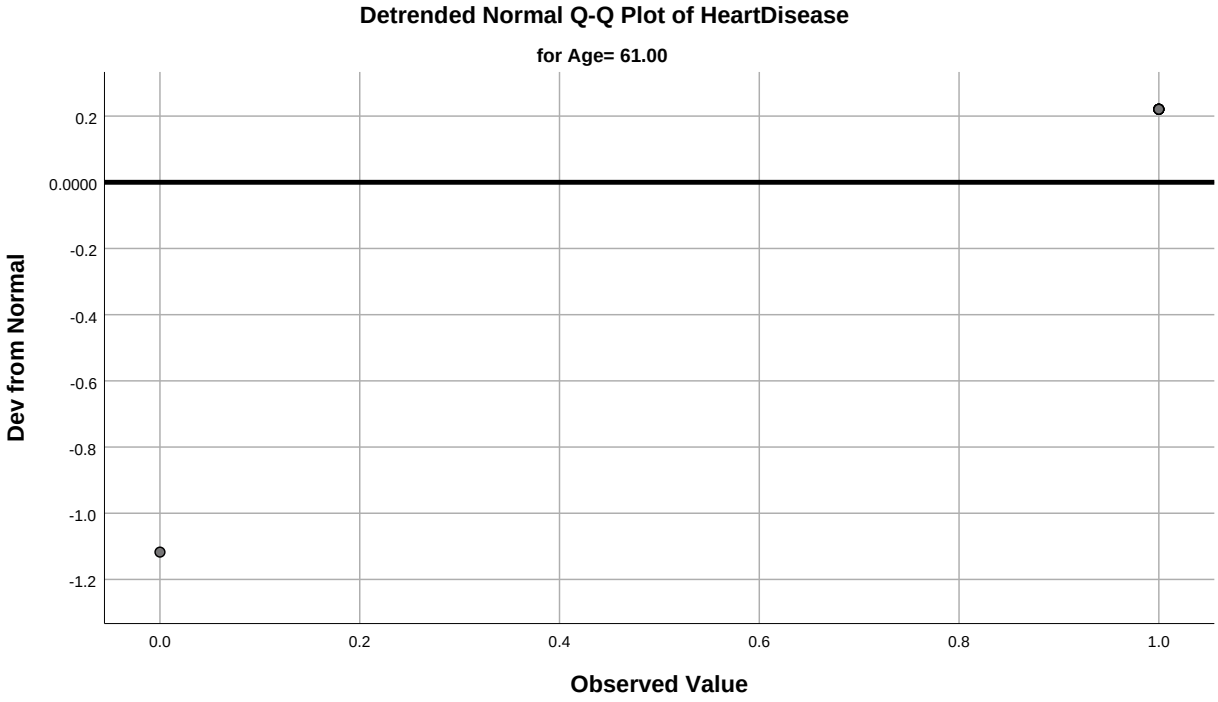

Detrended Normal Q-Q Plot of HeartDisease
for Age= 56.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

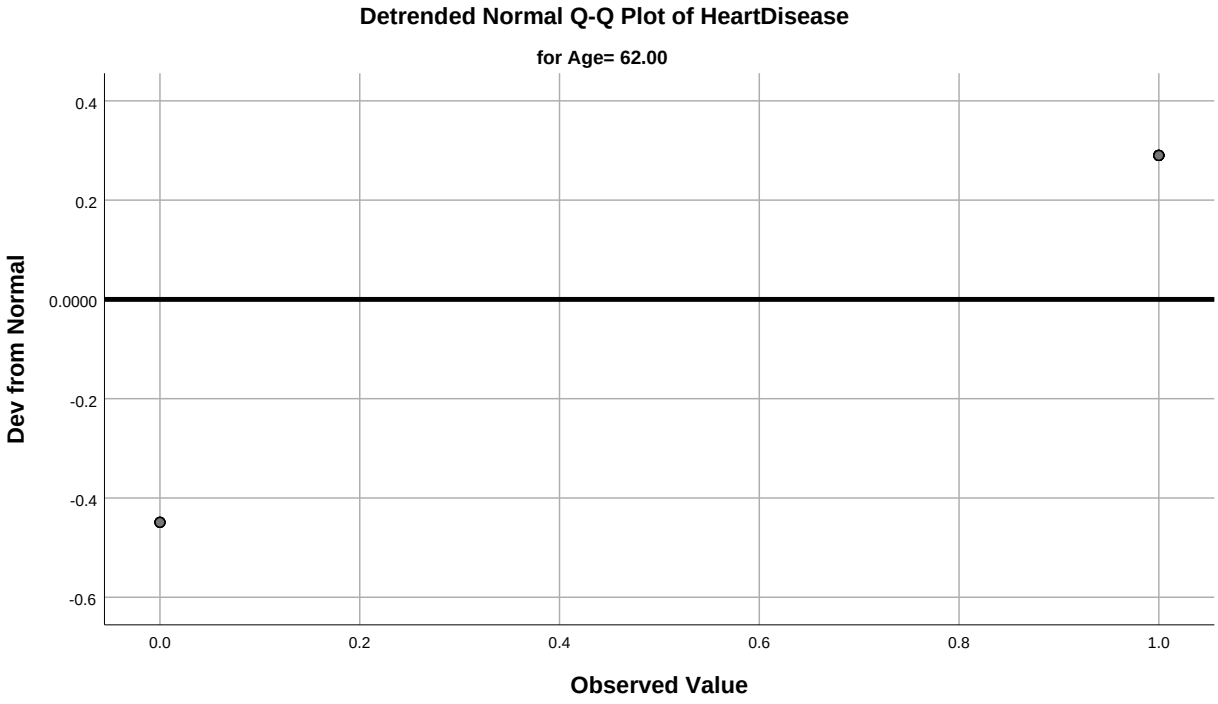

Detrended Normal Q-Q Plot of HeartDisease
for Age= 57.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

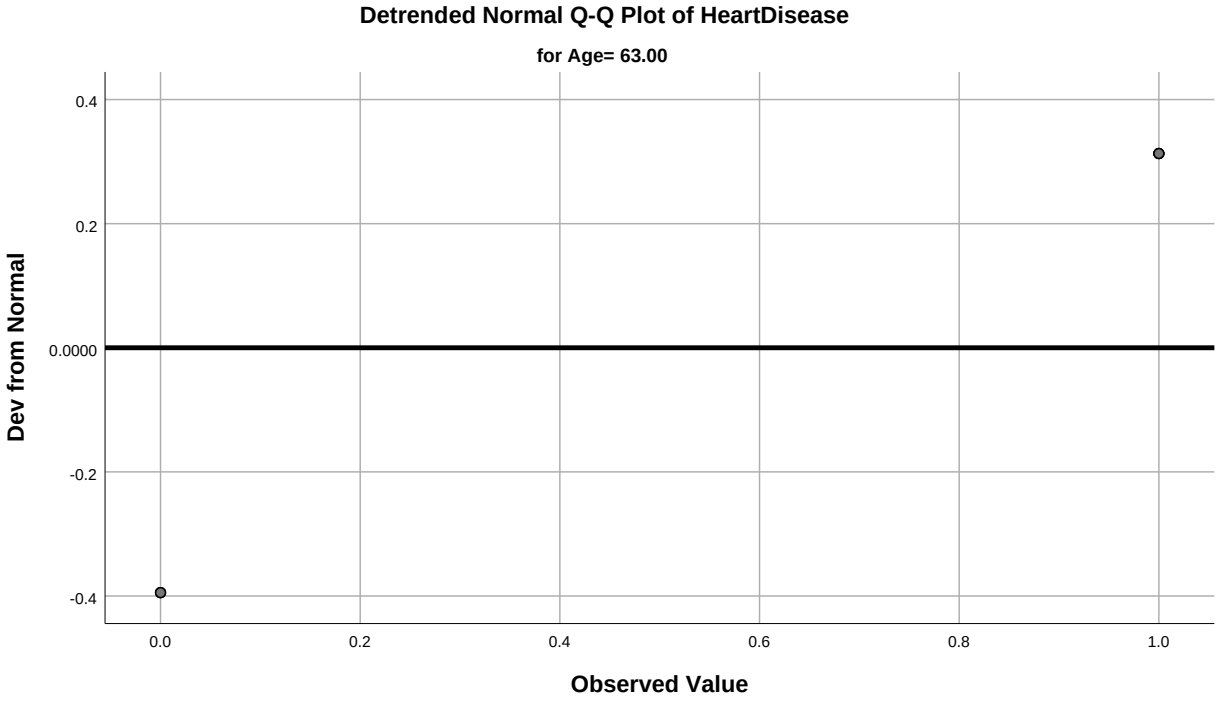

Detrended Normal Q-Q Plot of HeartDisease
for Age= 58.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

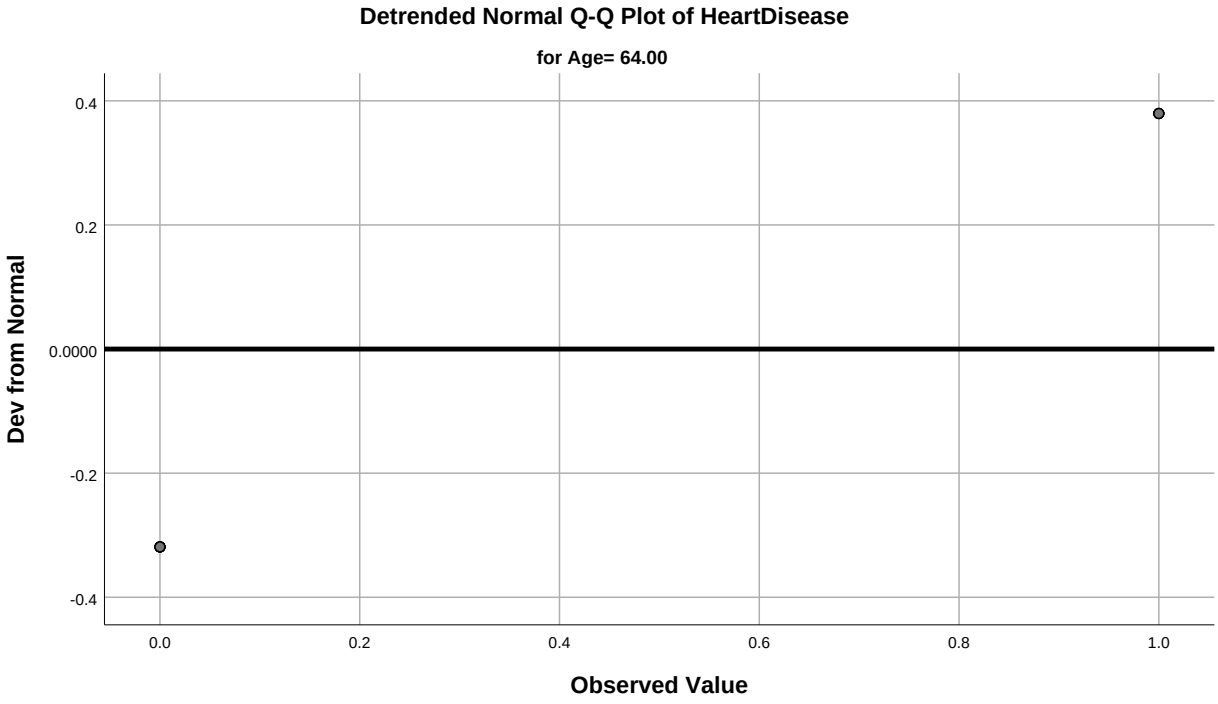

Detrended Normal Q-Q Plot of HeartDisease
for Age= 59.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

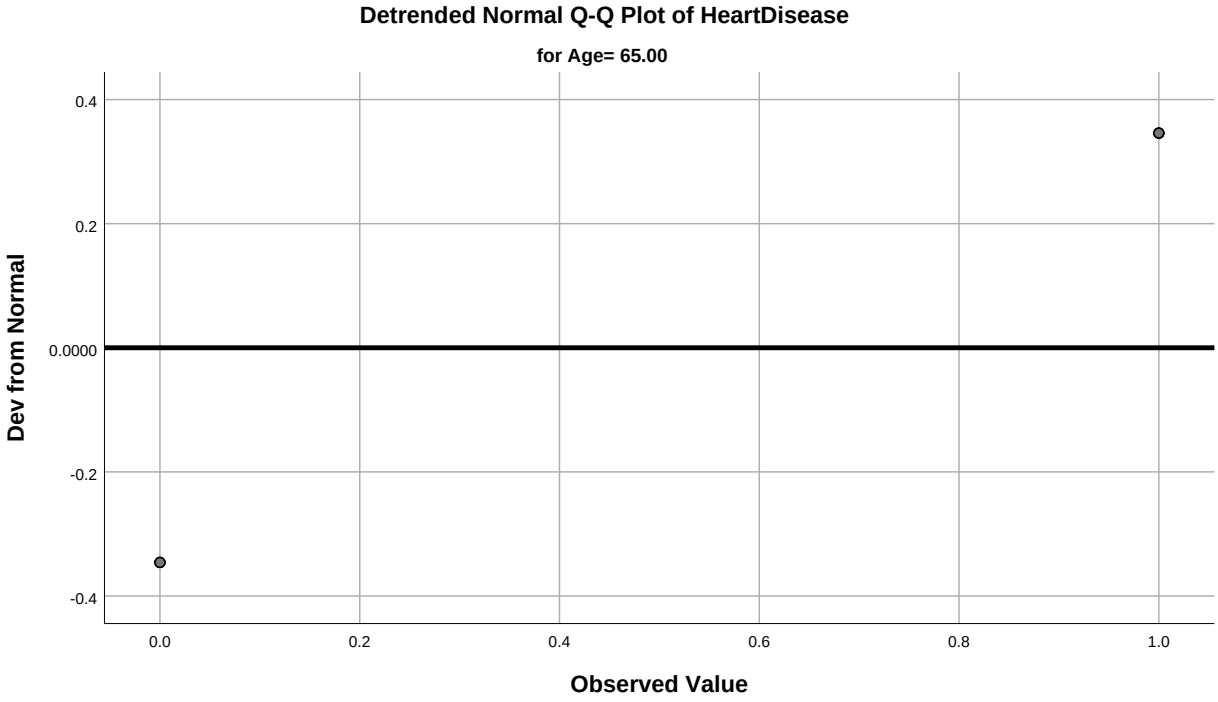

Detrended Normal Q-Q Plot of HeartDisease
for Age= 60.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

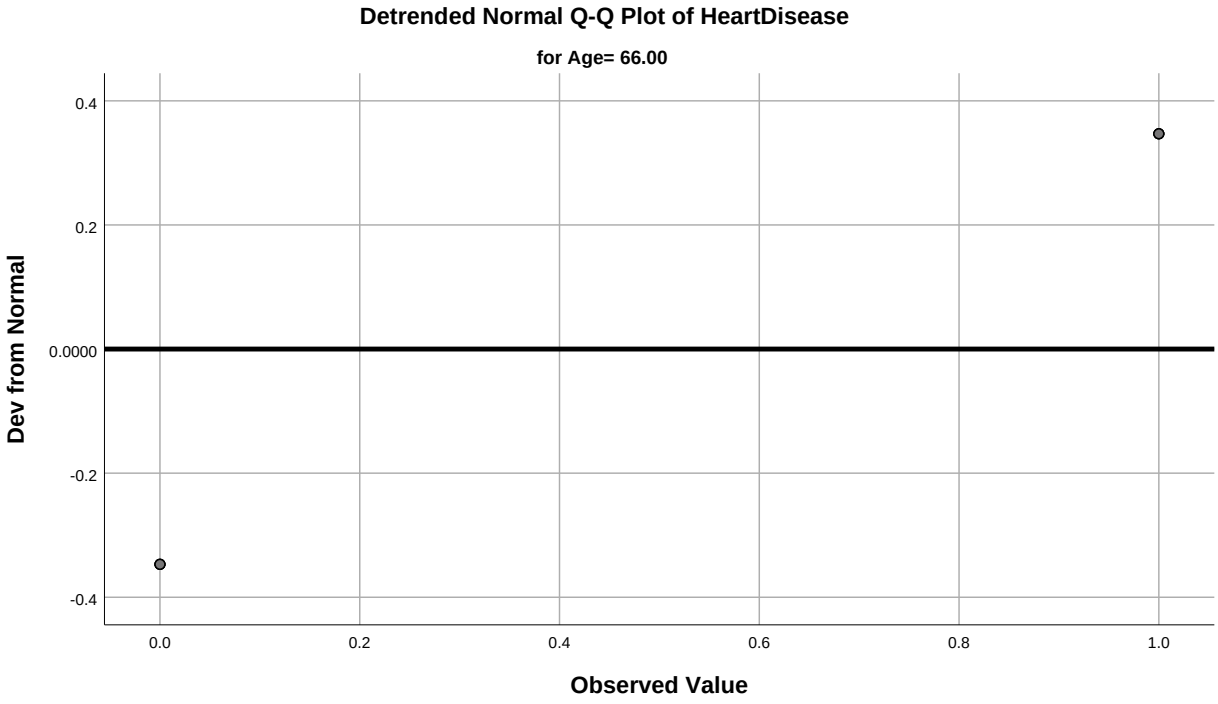

Detrended Normal Q-Q Plot of HeartDisease
for Age= 61.00
Dev from Normal
0.2
0.0000
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

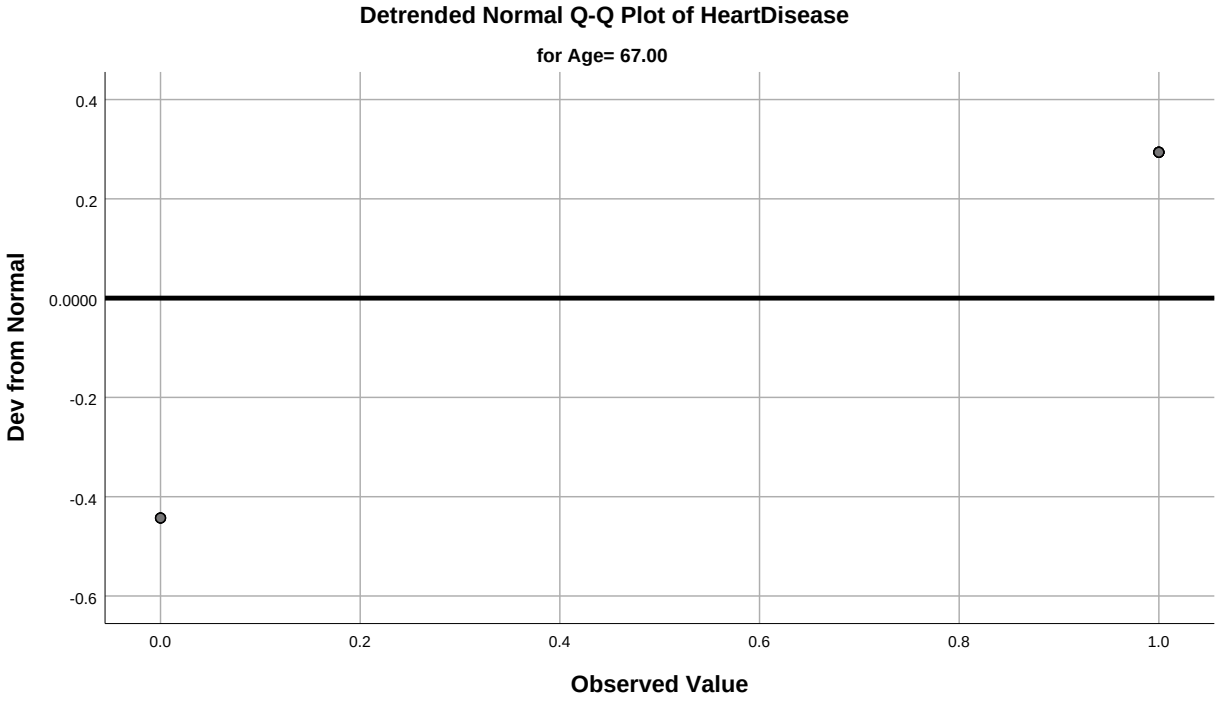

Detrended Normal Q-Q Plot of HeartDisease
for Age= 62.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

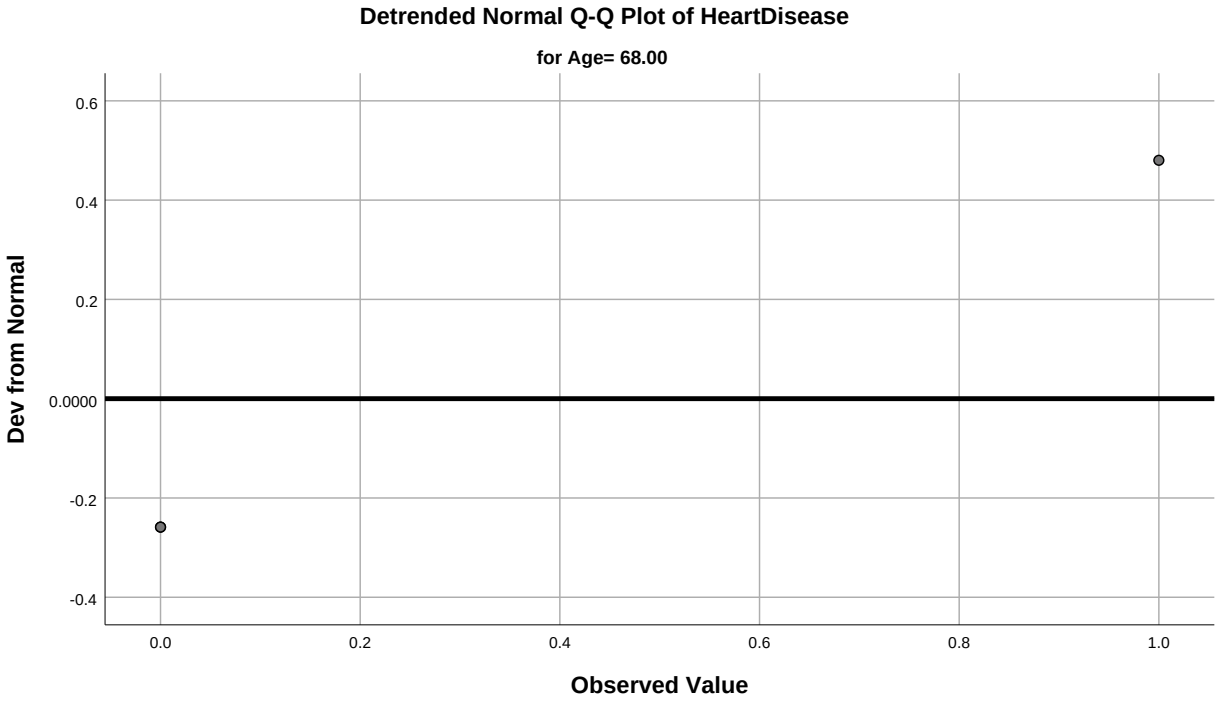

Detrended Normal Q-Q Plot of HeartDisease
for Age= 63.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

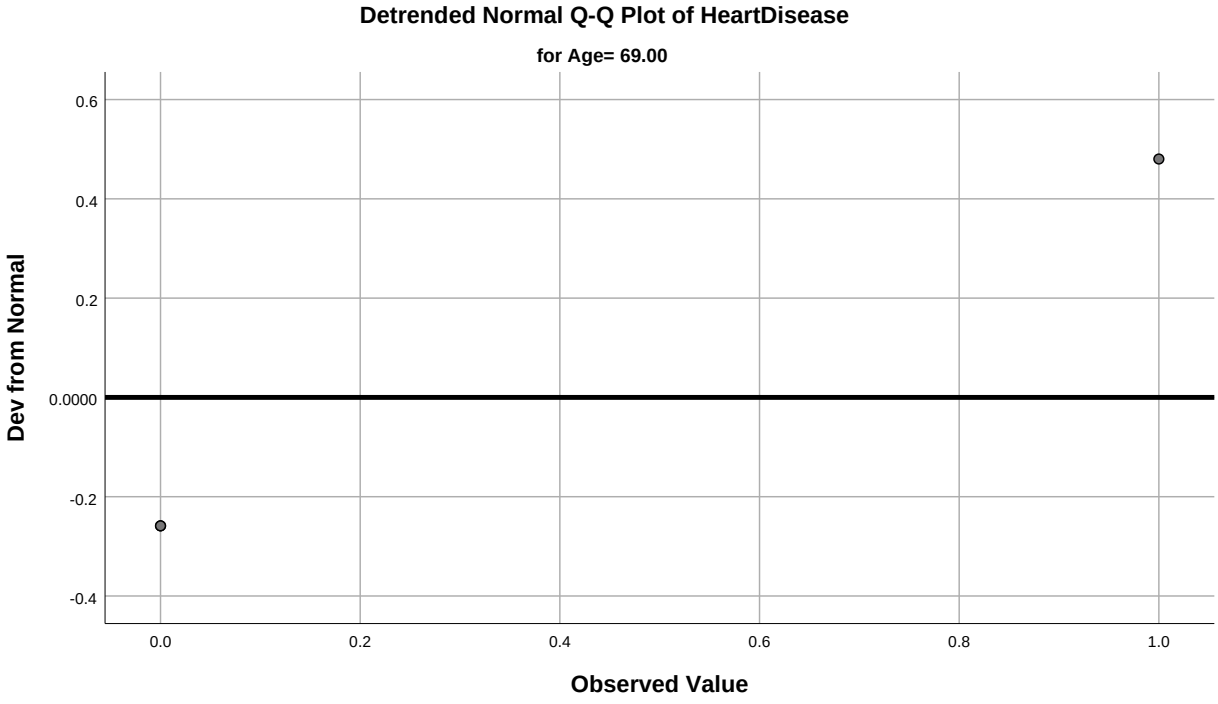

Detrended Normal Q-Q Plot of HeartDisease
for Age= 64.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

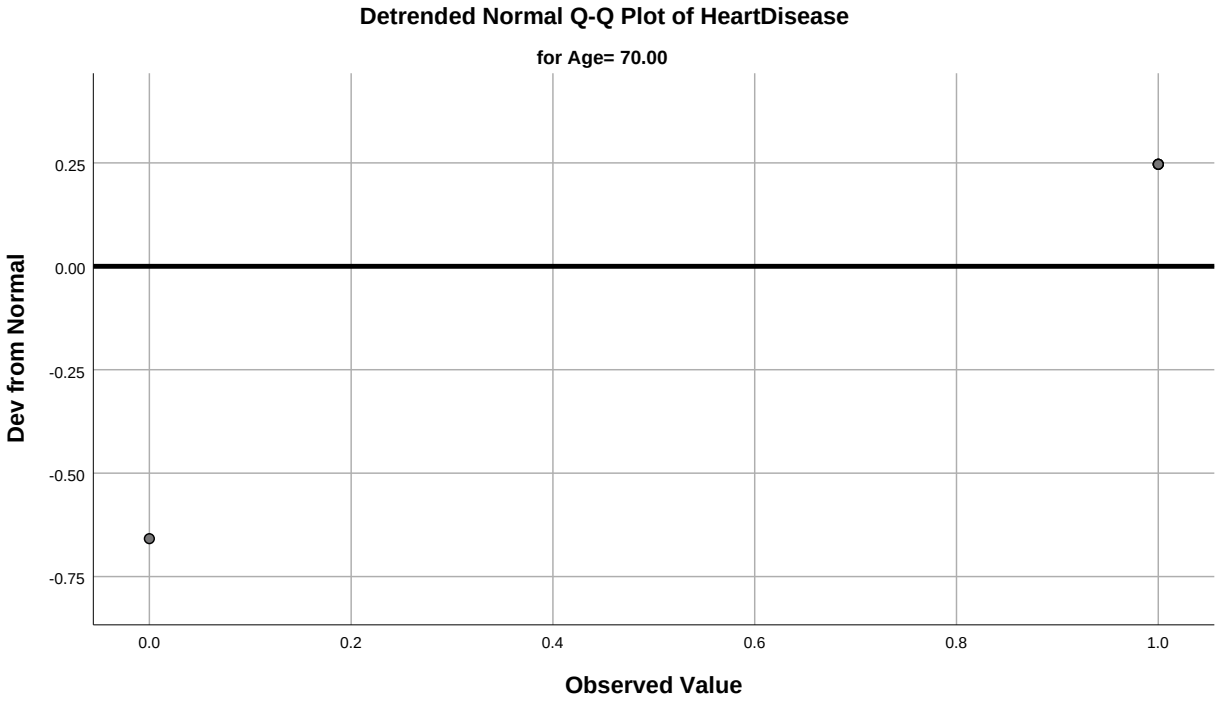

Detrended Normal Q-Q Plot of HeartDisease
for Age= 65.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

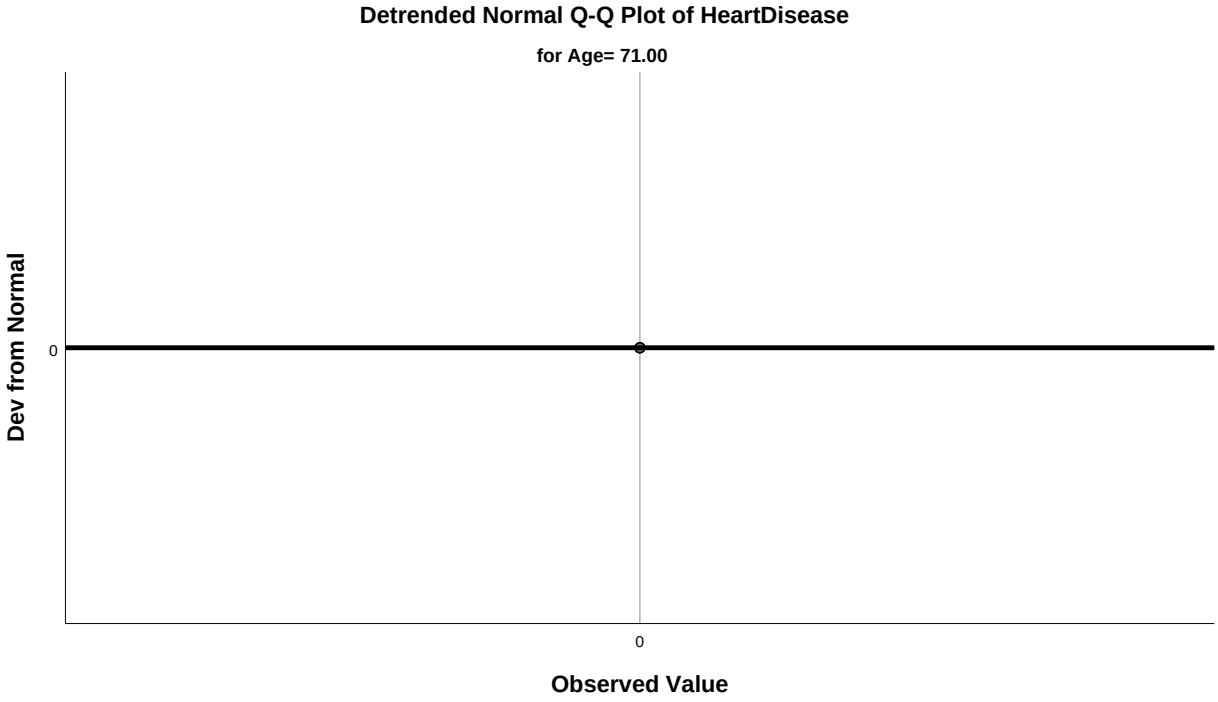

Detrended Normal Q-Q Plot of HeartDisease
for Age= 66.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

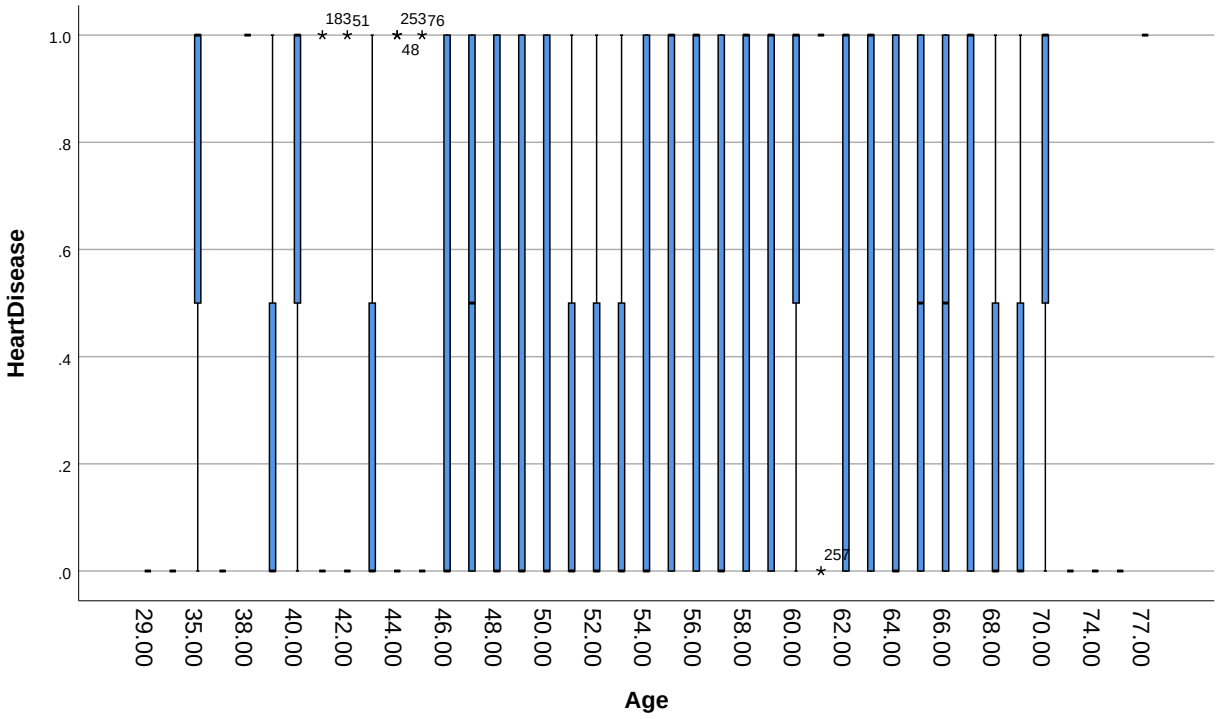

Detrended Normal Q-Q Plot of HeartDisease
for Age= 67.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Age= 68.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Age= 69.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Age= 70.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Age= 71.00
Dev from Normal
0
0
Observed Value



Sex

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Sex	N	Percent	N	Percent	N	Percent
HeartDisease	.00	87	100.0%	0	0.0%	87	100.0%
	1.00	183	100.0%	0	0.0%	183	100.0%

Descriptives

	Sex			Statistic	Std. Error
HeartDisease	.00	Mean		.23	.045
		95% Confidence Interval for Mean	Lower Bound	.14	
			Upper Bound	.32	
		5% Trimmed Mean		.20	
		Median		.00	
		Variance		.179	
		Std. Deviation		.423	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		0	
		Skewness		1.307	.258
		Kurtosis		-.300	.511
	1.00	Mean		.55	.037
		95% Confidence Interval for Mean	Lower Bound	.47	
			Upper Bound	.62	
		5% Trimmed Mean		.55	
		Median		1.00	
		Variance		.249	
		Std. Deviation		.499	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		-.188	.180
		Kurtosis		-1.986	.357

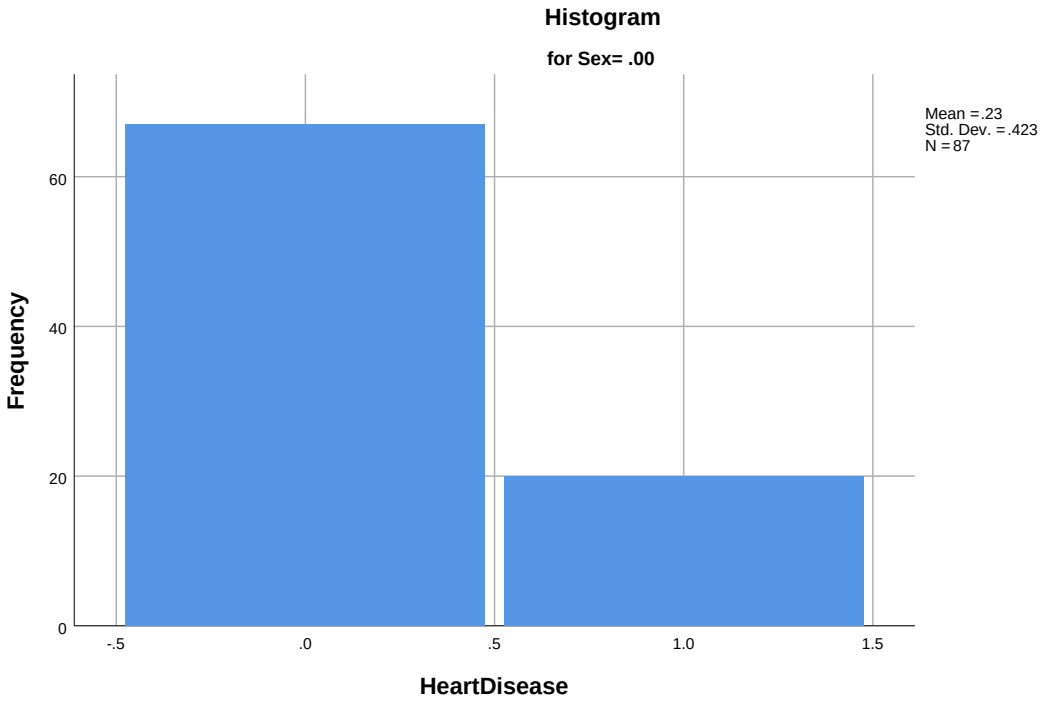
Tests of Normality

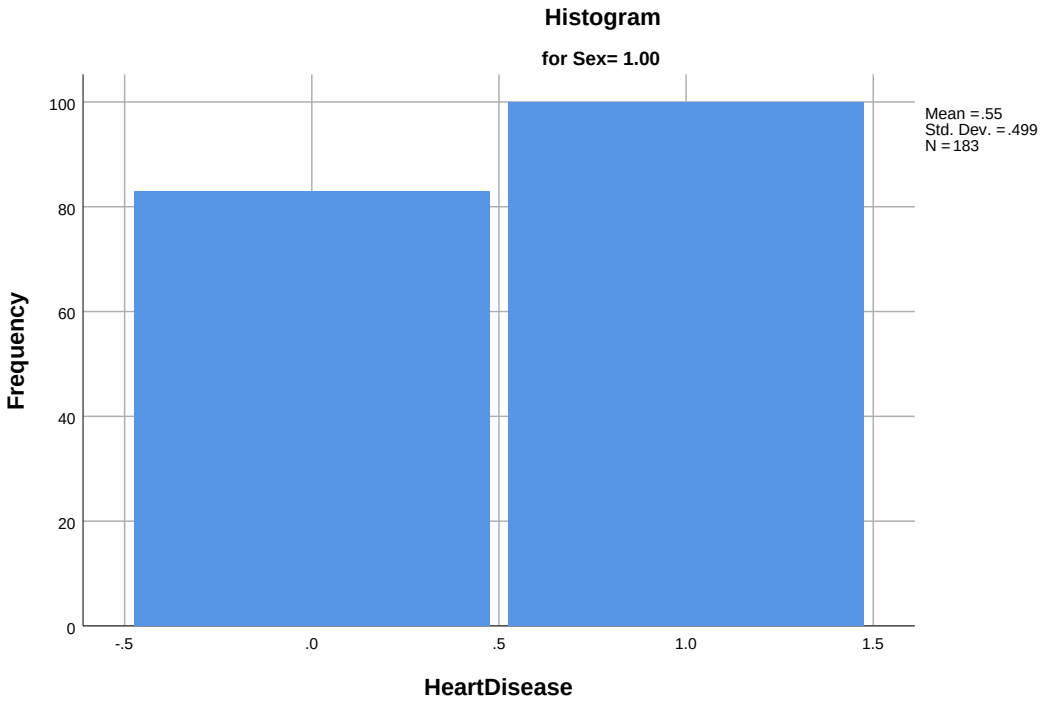
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Sex	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.477	87	.000	.520	87	.000
	1.00	.365	183	.000	.633	183	.000

a. Lilliefors Significance Correction

HeartDisease

Histograms

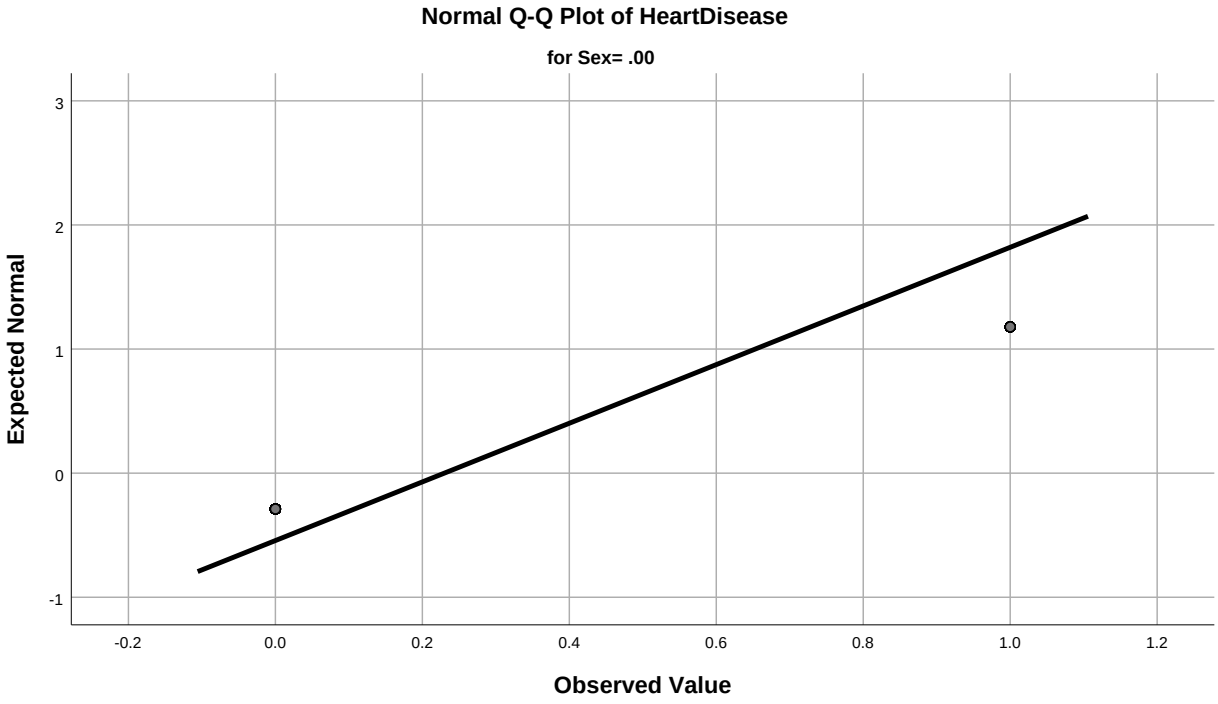


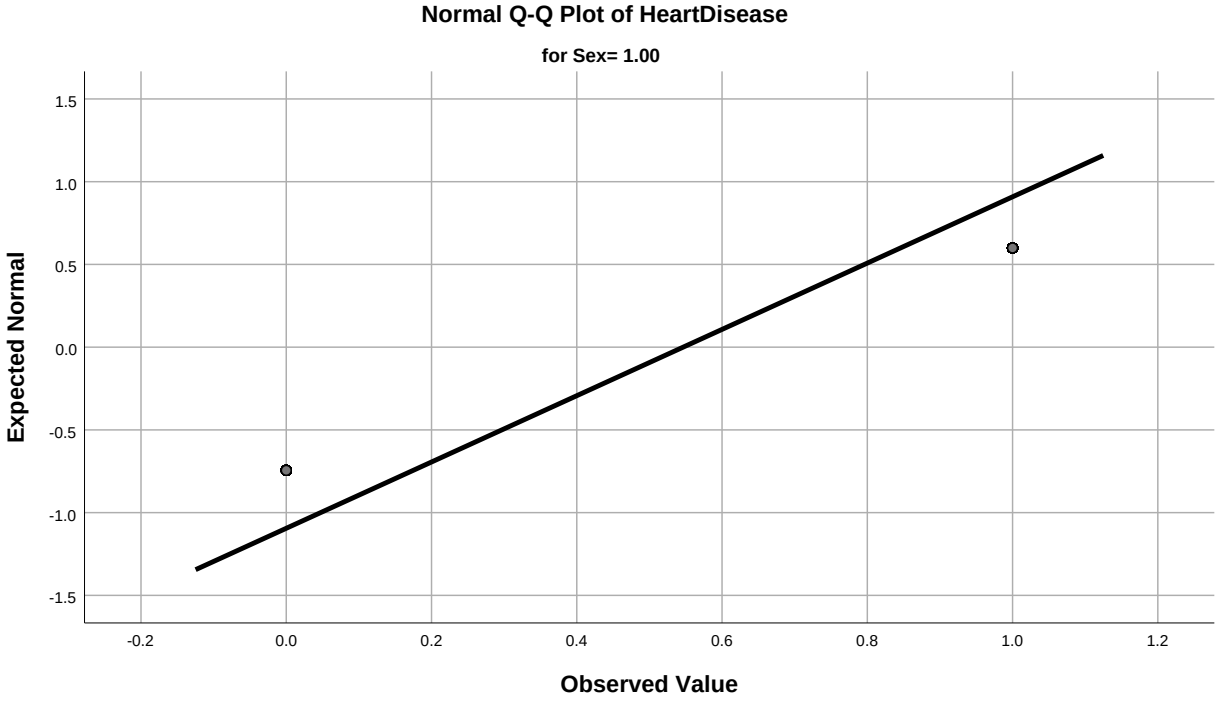


Stem-and-Leaf Plots

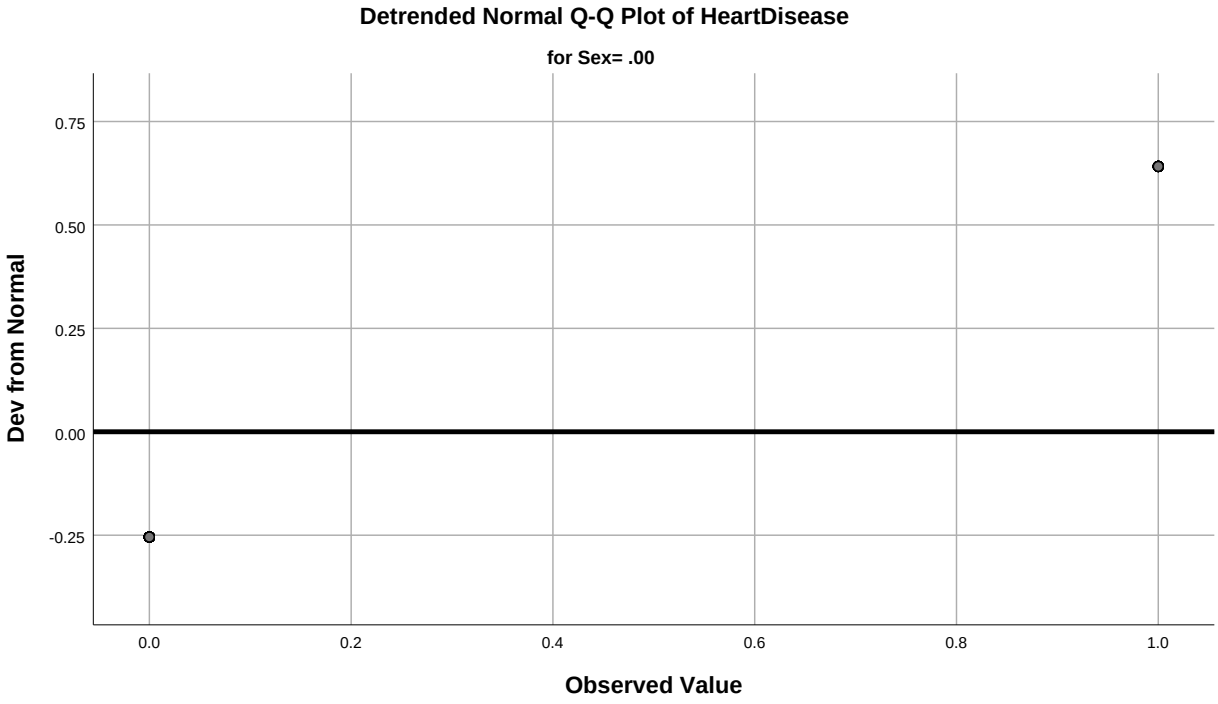
```
HeartDisease Stem-and-Leaf Plot for
Sex= .00

 Frequency    Stem &  Leaf

    67.00        0 .  0000000000000000000000000000000000000000000000000000000000000000
00000000000
    20.00 Extremes    (>=1)

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



HeartDisease Stem-and-Leaf Plot for
Sex= 1.00

 Frequency    Stem &  Leaf

    83.00        0 .  0000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
   100.00       10 .  0000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000

 Stem width:         0
 Each leaf:        1 case(s)
```

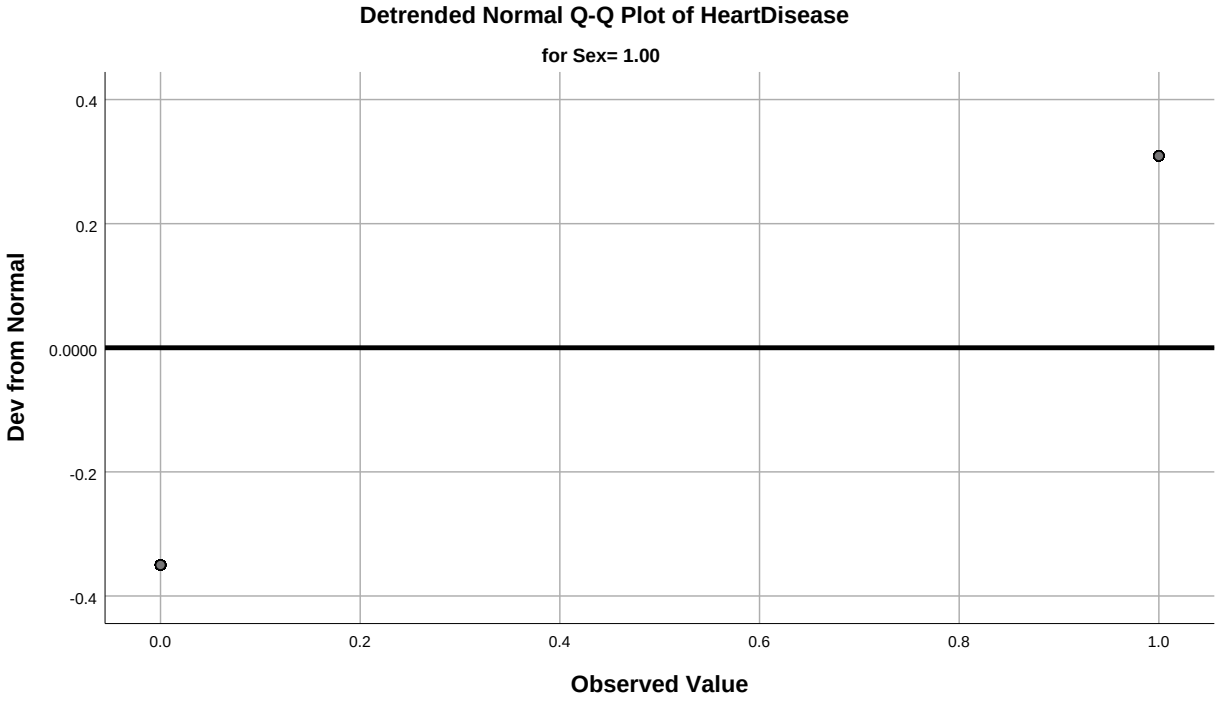
Normal Q-Q Plots



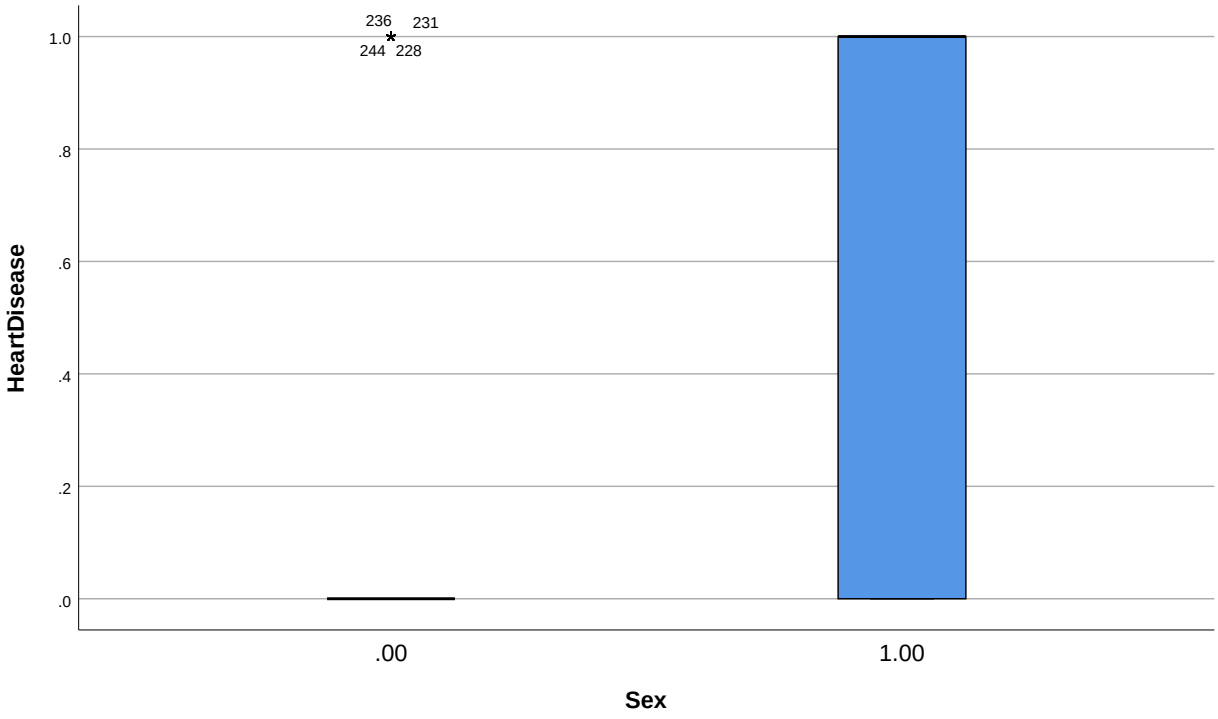


Detrended Normal Q-Q Plots


Detrended Normal Q-Q Plot of HeartDisease
for Sex= .00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Sex= 1.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots



ChestPainType

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	ChestPainType	N	Percent	N	Percent	N	Percent
HeartDisease	1.00	20	100.0%	0	0.0%	20	100.0%
	2.00	42	100.0%	0	0.0%	42	100.0%
	3.00	79	100.0%	0	0.0%	79	100.0%
	4.00	129	100.0%	0	0.0%	129	100.0%

Descriptives

	ChestPainType			Statistic	Std. Error
HeartDisease	1.00	Mean		.25	.099
		95% Confidence Interval for Mean	Lower Bound	.04	
			Upper Bound	.46	
		5% Trimmed Mean		.22	
		Median		.00	
		Variance		.197	
		Std. Deviation		.444	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		1.251	.512
		Kurtosis		-.497	.992
	2.00	Mean		.17	.058
		95% Confidence Interval for Mean	Lower Bound	.05	
			Upper Bound	.28	
		5% Trimmed Mean		.13	
		Median		.00	
		Variance		.142	
		Std. Deviation		.377	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		0	
		Skewness		1.856	.365
		Kurtosis		1.514	.717
	3.00	Mean		.22	.047
		95% Confidence Interval for Mean	Lower Bound	.12	
			Upper Bound	.31	
		5% Trimmed Mean		.18	
		Median		.00	
		Variance		.171	
		Std. Deviation		.414	
		Minimum		0	
		Maximum		1	

Descriptives

ChestPainType			Statistic	Std. Error
	Range		1	
	Interquartile Range		0	
	Skewness		1.413	.271
	Kurtosis		-.004	.535
4.00	Mean		.71	.040
	95% Confidence Interval for Mean	Lower Bound	.63	
		Upper Bound	.79	
	5% Trimmed Mean		.73	
	Median		1.00	
	Variance		.209	
	Std. Deviation		.458	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.912	.213
	Kurtosis		-1.187	.423

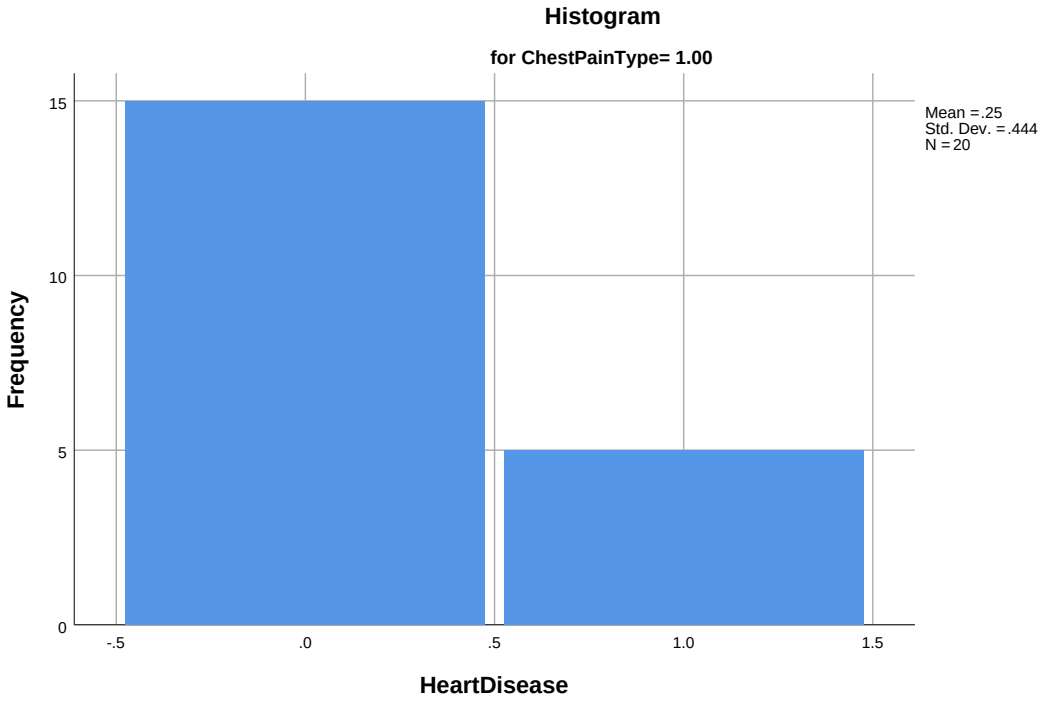
Tests of Normality

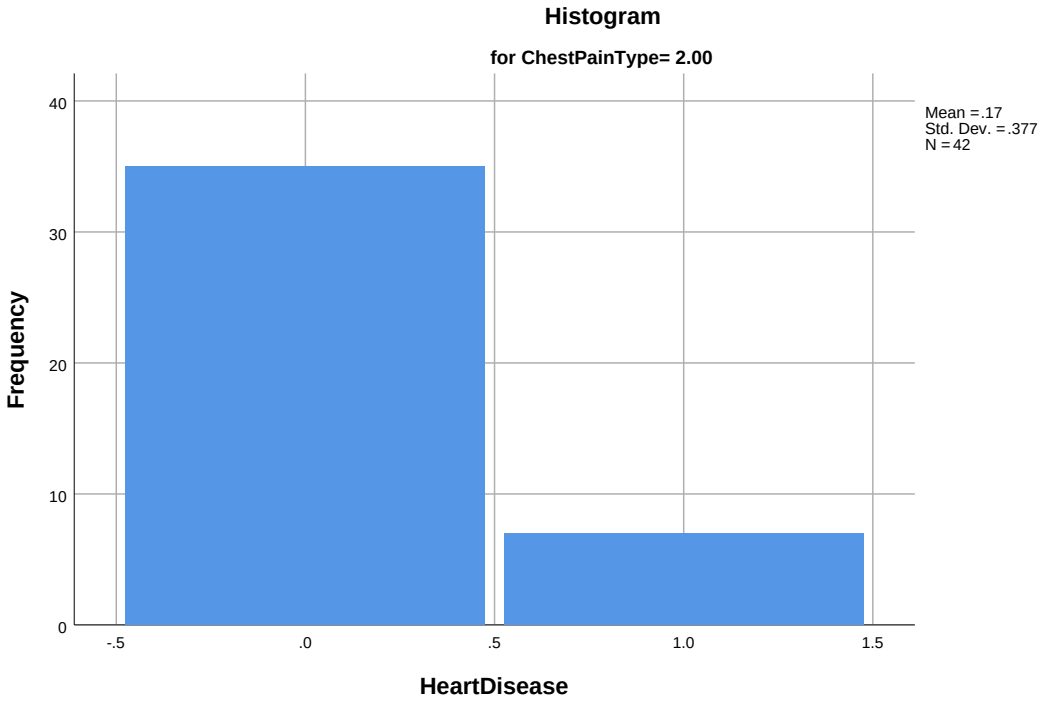
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	ChestPainType	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	1.00	.463	20	.000	.544	20	.000
	2.00	.504	42	.000	.451	42	.000
	3.00	.483	79	.000	.506	79	.000
	4.00	.446	129	.000	.572	129	.000

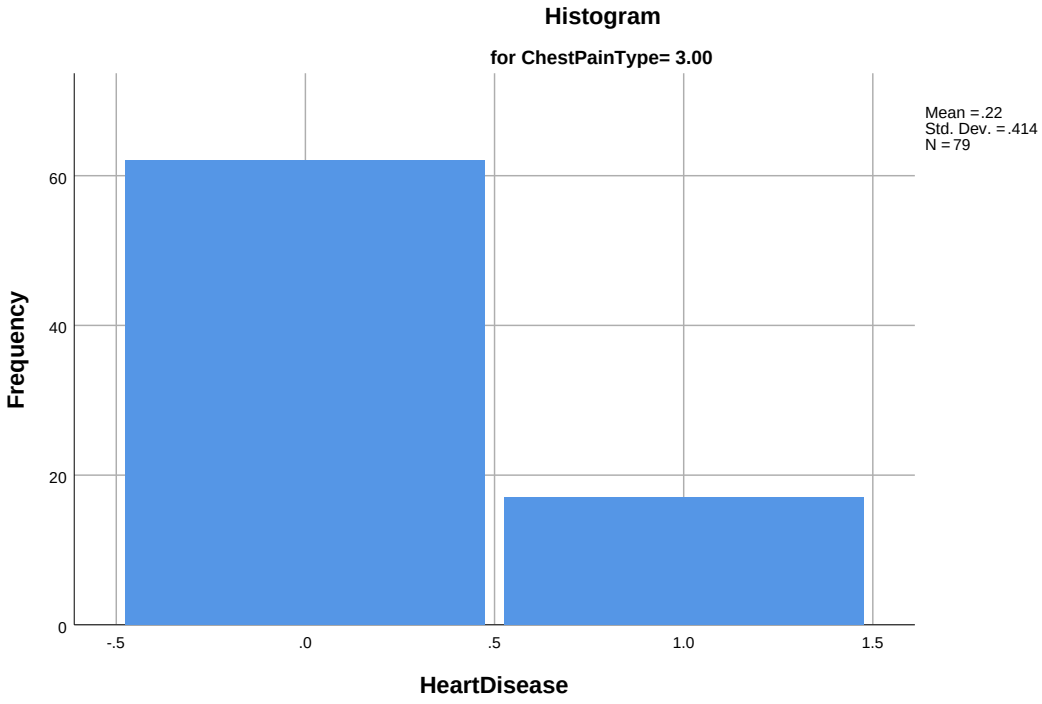
a. Lilliefors Significance Correction

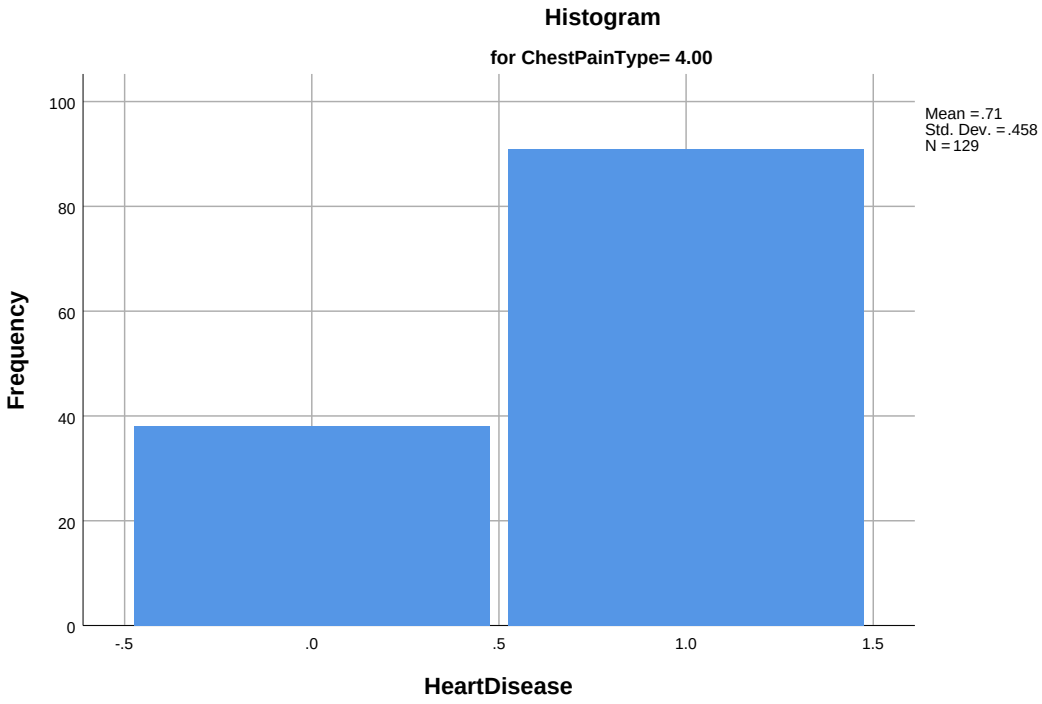
HeartDisease

Histograms


Histogram
for ChestPainType= 1.00
Mean =.25
Std. Dev. =.444
N =20
Frequency
15
10
5
0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for ChestPainType= 2.00
Mean =.17
Std. Dev. =.377
N =42
Frequency
40
30
20
10
0
-.5
.0
.5
1.0
1.5
HeartDisease





Stem-and-Leaf Plots

```
HeartDisease Stem-and-Leaf Plot for
ChestPainType= 1.00
```

```
 Frequency    Stem &  Leaf

    15.00        0 .  000000000000000
      .00        0 .
     5.00        1 .  00000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
ChestPainType= 2.00

```
 Frequency    Stem &  Leaf

    35.00        0 .  00000000000000000000000000000000000
     7.00 Extremes    (>=1)

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

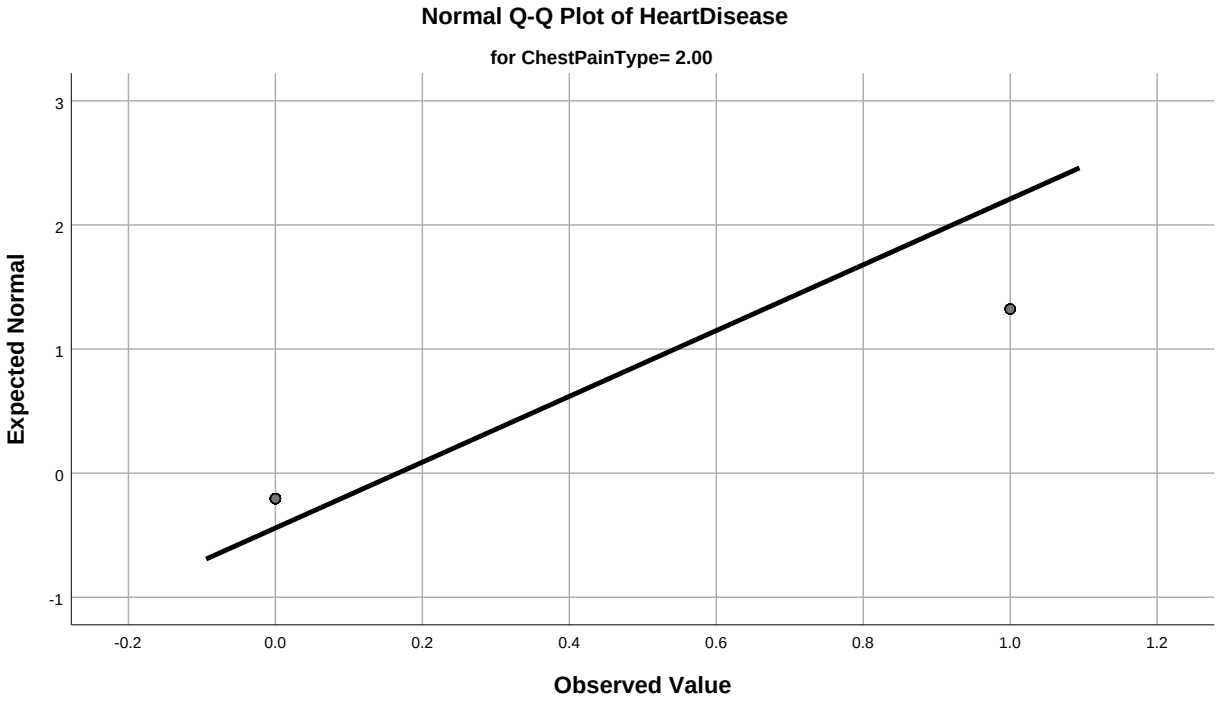
HeartDisease Stem-and-Leaf Plot for
ChestPainType= 3.00

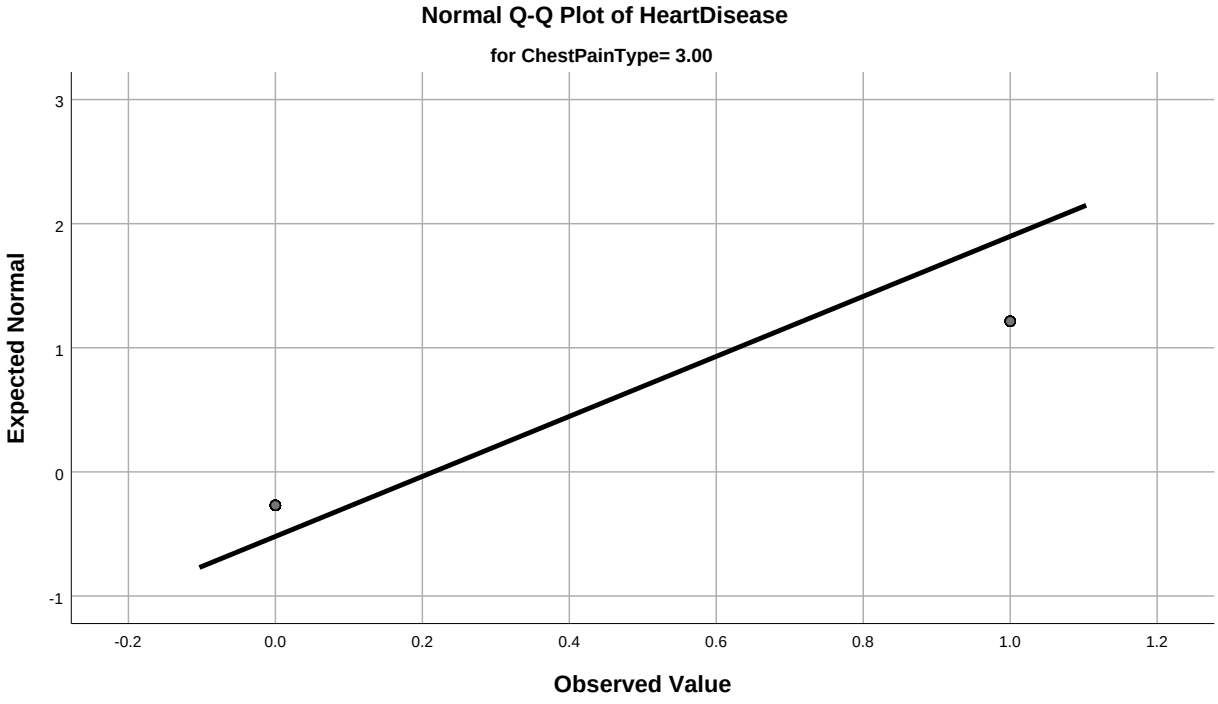
```
 Frequency    Stem &  Leaf

    62.00        0 .  00000000000000000000000000000000000000000000000000000000000000
000000
    17.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
ChestPainType= 4.00

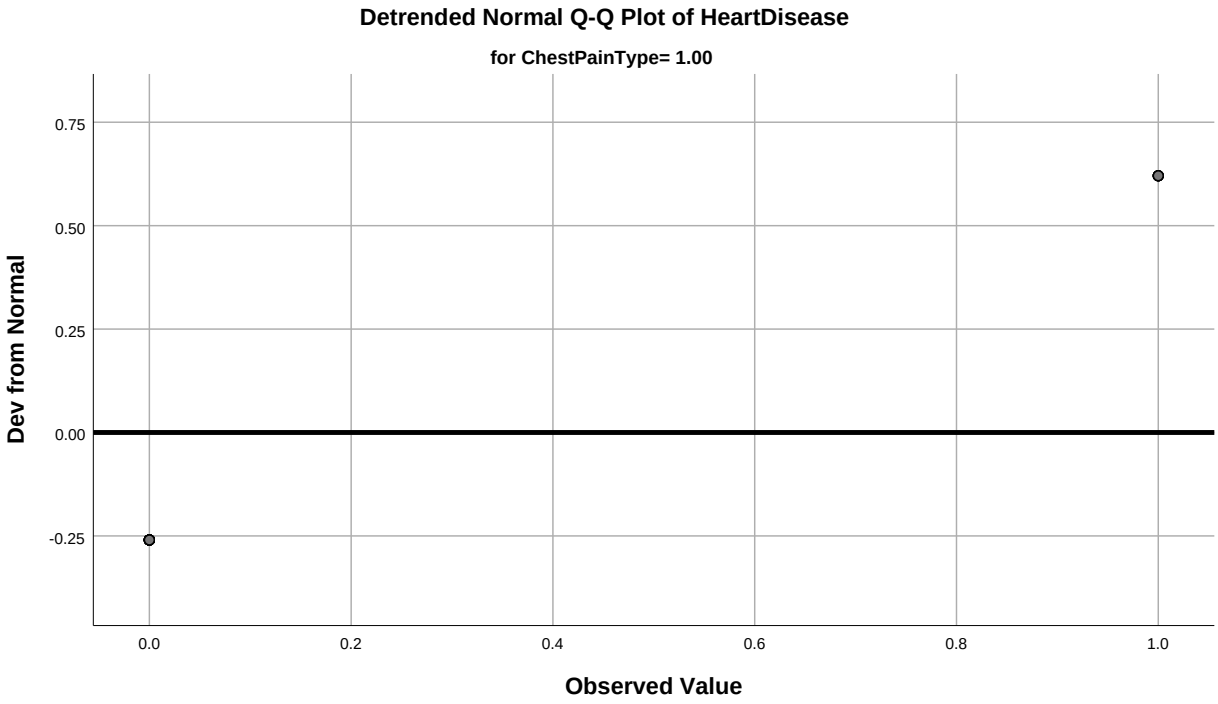
```
 Frequency    Stem &  Leaf
```

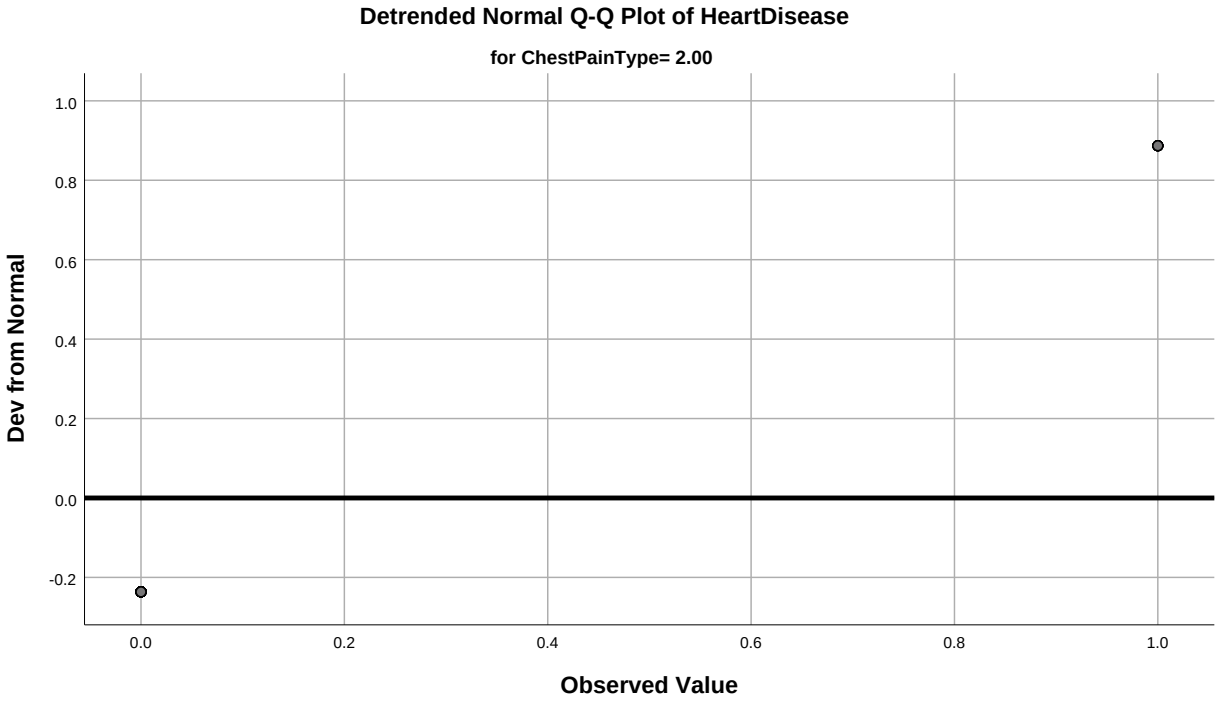
```
   38.00        0 .  00000000000000000000000000000000000000
     .00        1 .
     .00        2 .
     .00        3 .
     .00        4 .
     .00        5 .
     .00        6 .
     .00        7 .
     .00        8 .
     .00        9 .
   91.00       10 .  00000000000000000000000000000000000000
```

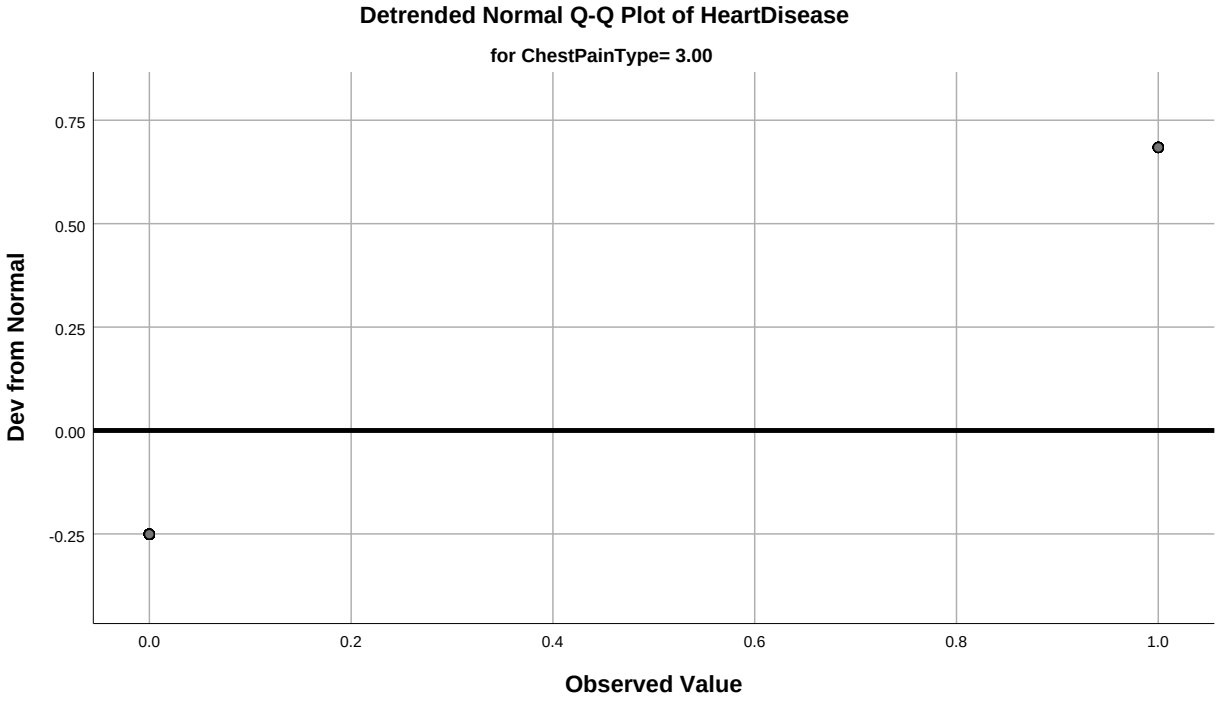

Normal Q-Q Plot of HeartDisease
for ChestPainType= 2.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

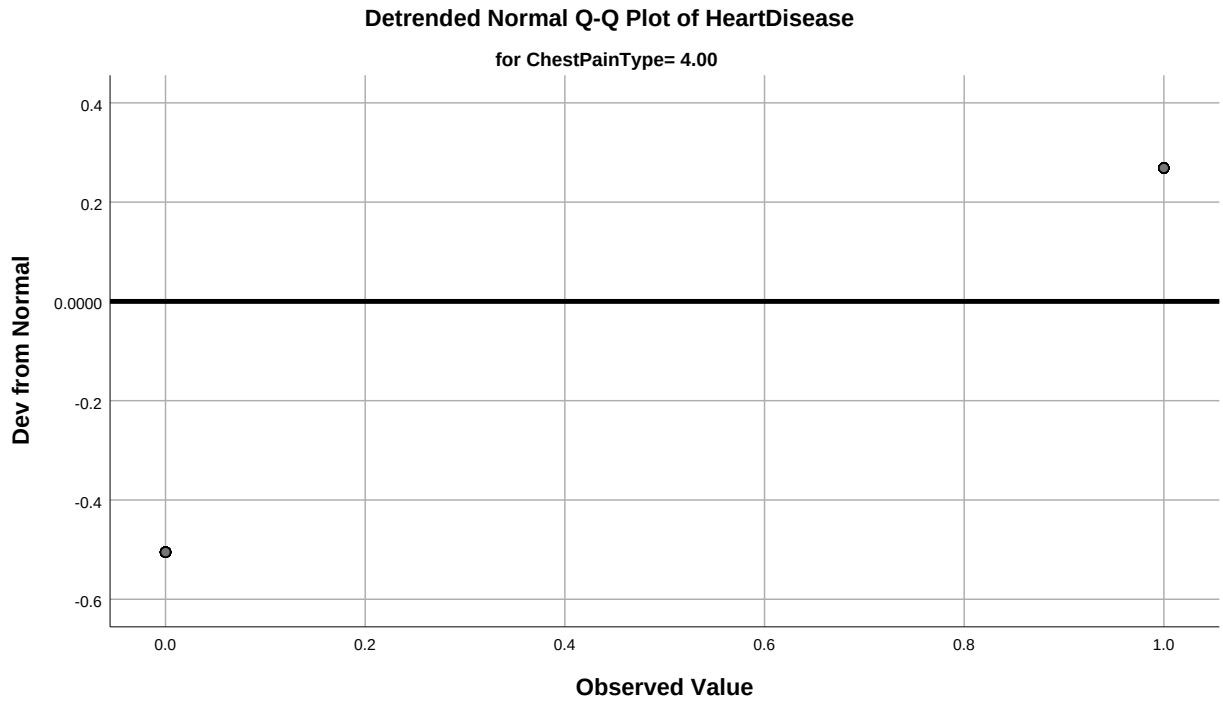

Normal Q-Q Plot of HeartDisease
for ChestPainType= 3.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

Detrended Normal Q-Q Plots

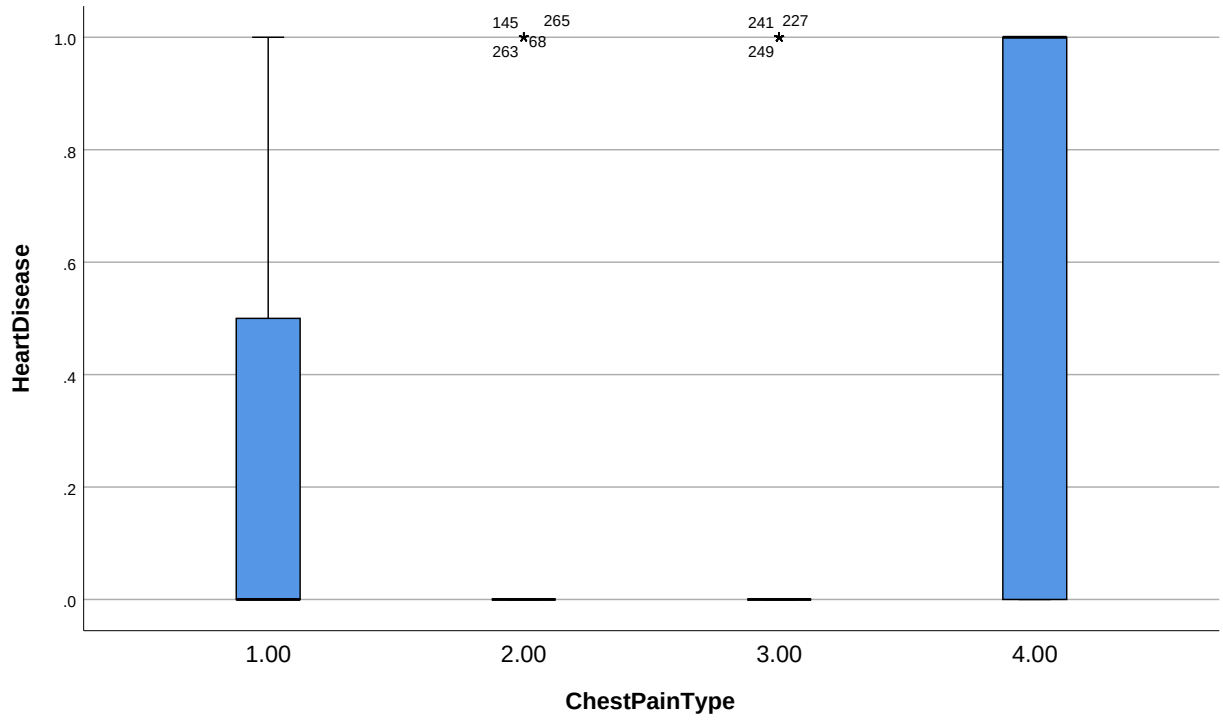



Detrended Normal Q-Q Plot of HeartDisease
for ChestPainType= 2.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for ChestPainType= 3.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for ChestPainType= 4.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots


145
265
263
68
241
227
249
HeartDisease
1.0
.8
.6
.4
.2
.0
1.00
2.00
3.00
4.00
ChestPainType

BP

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	BP	N	Percent	N	Percent	N	Percent
HeartDisease	94.00	2	100.0%	0	0.0%	2	100.0%
	100.00	4	100.0%	0	0.0%	4	100.0%
	101.00	1	100.0%	0	0.0%	1	100.0%
	102.00	2	100.0%	0	0.0%	2	100.0%
	104.00	1	100.0%	0	0.0%	1	100.0%
	105.00	3	100.0%	0	0.0%	3	100.0%
	106.00	1	100.0%	0	0.0%	1	100.0%
	108.00	6	100.0%	0	0.0%	6	100.0%
	110.00	17	100.0%	0	0.0%	17	100.0%
	112.00	9	100.0%	0	0.0%	9	100.0%
	115.00	3	100.0%	0	0.0%	3	100.0%
	117.00	1	100.0%	0	0.0%	1	100.0%
	118.00	7	100.0%	0	0.0%	7	100.0%
	120.00	34	100.0%	0	0.0%	34	100.0%
	122.00	3	100.0%	0	0.0%	3	100.0%
	123.00	1	100.0%	0	0.0%	1	100.0%
	124.00	5	100.0%	0	0.0%	5	100.0%
	125.00	10	100.0%	0	0.0%	10	100.0%
	126.00	3	100.0%	0	0.0%	3	100.0%
	128.00	9	100.0%	0	0.0%	9	100.0%
	129.00	1	100.0%	0	0.0%	1	100.0%
	130.00	31	100.0%	0	0.0%	31	100.0%
	132.00	6	100.0%	0	0.0%	6	100.0%
	134.00	4	100.0%	0	0.0%	4	100.0%
	135.00	6	100.0%	0	0.0%	6	100.0%
	136.00	3	100.0%	0	0.0%	3	100.0%
	138.00	9	100.0%	0	0.0%	9	100.0%
	140.00	30	100.0%	0	0.0%	30	100.0%
	142.00	3	100.0%	0	0.0%	3	100.0%
	144.00	1	100.0%	0	0.0%	1	100.0%
	145.00	5	100.0%	0	0.0%	5	100.0%
	146.00	1	100.0%	0	0.0%	1	100.0%
	148.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	BP	N	Percent	N	Percent	N	Percent
	150.00	17	100.0%	0	0.0%	17	100.0%
	152.00	4	100.0%	0	0.0%	4	100.0%
	155.00	1	100.0%	0	0.0%	1	100.0%
	156.00	1	100.0%	0	0.0%	1	100.0%
	158.00	1	100.0%	0	0.0%	1	100.0%
	160.00	11	100.0%	0	0.0%	11	100.0%
	165.00	1	100.0%	0	0.0%	1	100.0%
	170.00	2	100.0%	0	0.0%	2	100.0%
	172.00	1	100.0%	0	0.0%	1	100.0%
	174.00	1	100.0%	0	0.0%	1	100.0%
	178.00	2	100.0%	0	0.0%	2	100.0%
	180.00	3	100.0%	0	0.0%	3	100.0%
	192.00	1	100.0%	0	0.0%	1	100.0%
	200.00	1	100.0%	0	0.0%	1	100.0%

Tests of Normality[b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r]

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	BP	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	94.00	.	2	.			
	100.00	.307	4	.	.729	4	.024
	102.00	.	2	.			
	105.00	.	3	.	.	3	.
	108.00	.407	6	.002	.640	6	.001
	110.00	.349	17	.000	.642	17	.000
	112.00	.356	9	.002	.655	9	.000
	115.00	.	3	.	.	3	.
	118.00	.435	7	.000	.600	7	.000
	120.00	.399	34	.000	.617	34	.000
	122.00	.385	3	.	.750	3	.000
	124.00	.367	5	.026	.684	5	.006
	125.00	.433	10	.000	.594	10	.000
	126.00	.385	3	.	.750	3	.000
	128.00	.356	9	.002	.655	9	.000
	130.00	.412	31	.000	.607	31	.000
	132.00	.407	6	.002	.640	6	.001
	134.00	.307	4	.	.729	4	.024
	135.00	.492	6	.000	.496	6	.000
	136.00	.385	3	.	.750	3	.000
	138.00	.414	9	.000	.617	9	.000
	140.00	.372	30	.000	.632	30	.000
	142.00	.385	3	.	.750	3	.000
	145.00	.473	5	.001	.552	5	.000
	150.00	.349	17	.000	.642	17	.000
	152.00	.307	4	.	.729	4	.024
	160.00	.353	11	.000	.649	11	.000
	170.00	.	2	.			
	178.00	.260	2	.			
	180.00	.385	3	.	.750	3	.000

a. Lilliefors Significance Correction

b. HeartDisease is constant when BP = 101.00. It has been omitted.

c. HeartDisease is constant when BP = 104.00. It has been omitted.

d. HeartDisease is constant when BP = 106.00. It has been omitted.

e. HeartDisease is constant when BP = 117.00. It has been omitted.

f. HeartDisease is constant when BP = 123.00. It has been omitted.

g. HeartDisease is constant when BP = 129.00. It has been omitted.

h. HeartDisease is constant when BP = 144.00. It has been omitted.

i. HeartDisease is constant when BP = 146.00. It has been omitted.

j. HeartDisease is constant when BP = 148.00. It has been omitted.

k. HeartDisease is constant when BP = 155.00. It has been omitted.

l. HeartDisease is constant when BP = 156.00. It has been omitted.

m. HeartDisease is constant when BP = 158.00. It has been omitted.

n. HeartDisease is constant when BP = 165.00. It has been omitted.

o. HeartDisease is constant when BP = 172.00. It has been omitted.

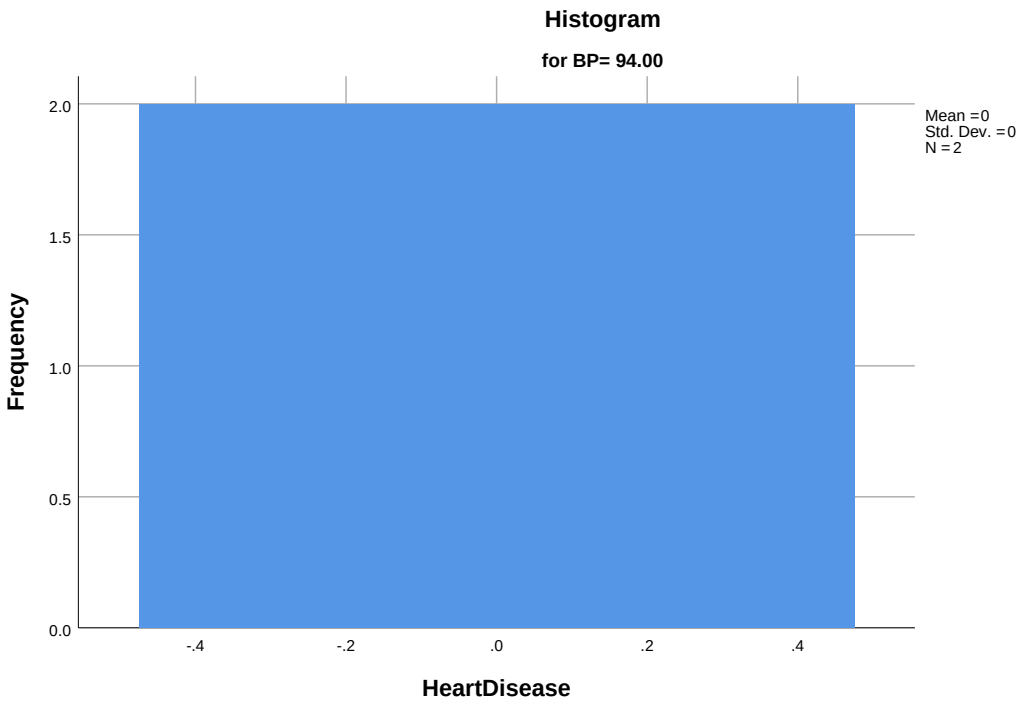
p. HeartDisease is constant when BP = 174.00. It has been omitted.

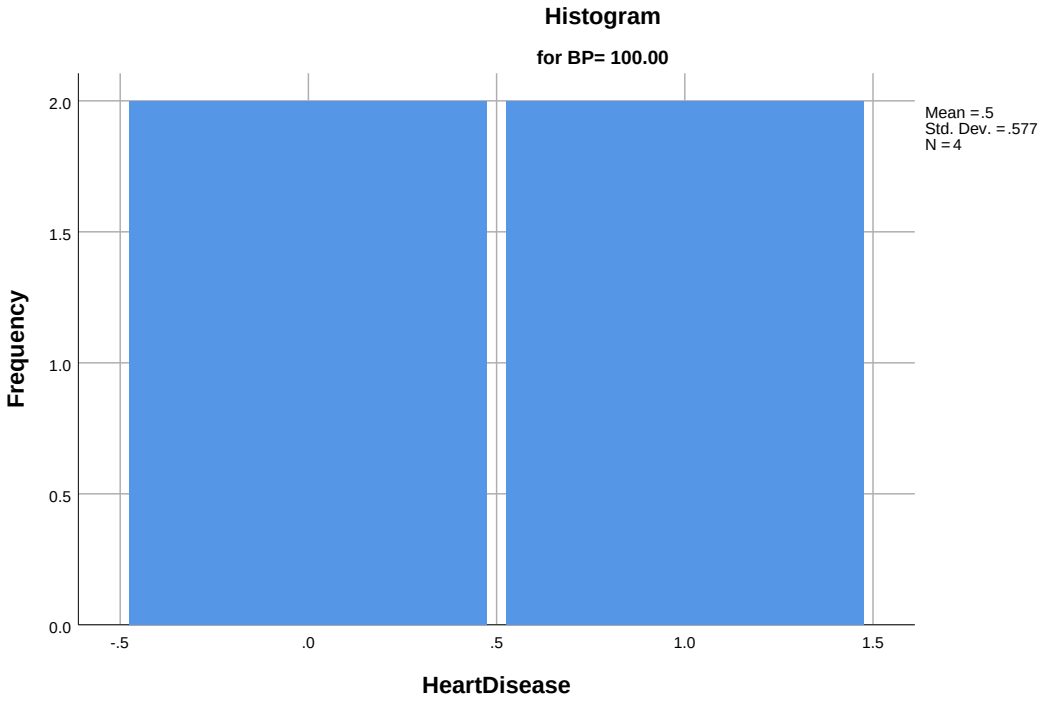
q. HeartDisease is constant when BP = 192.00. It has been omitted.

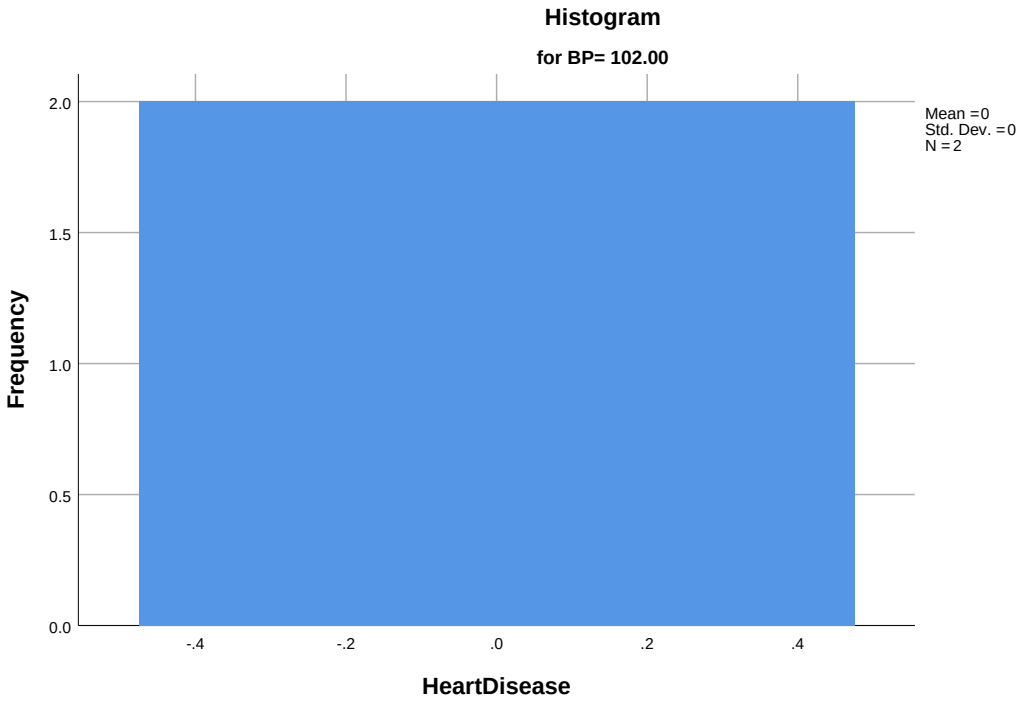
r. HeartDisease is constant when BP = 200.00. It has been omitted.

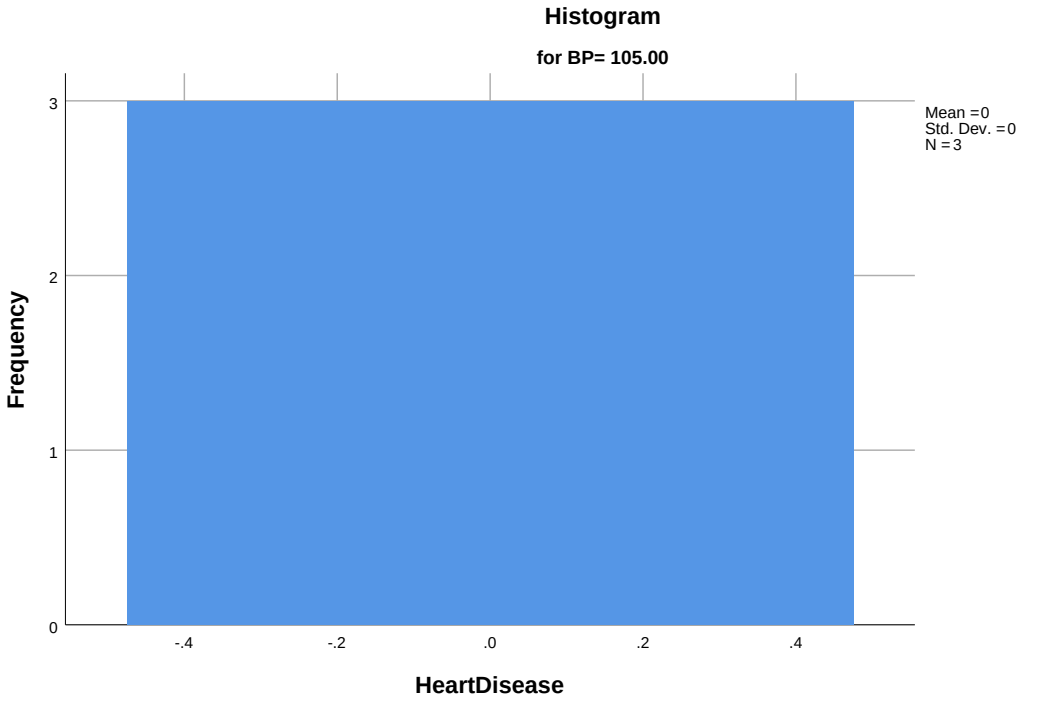
HeartDisease

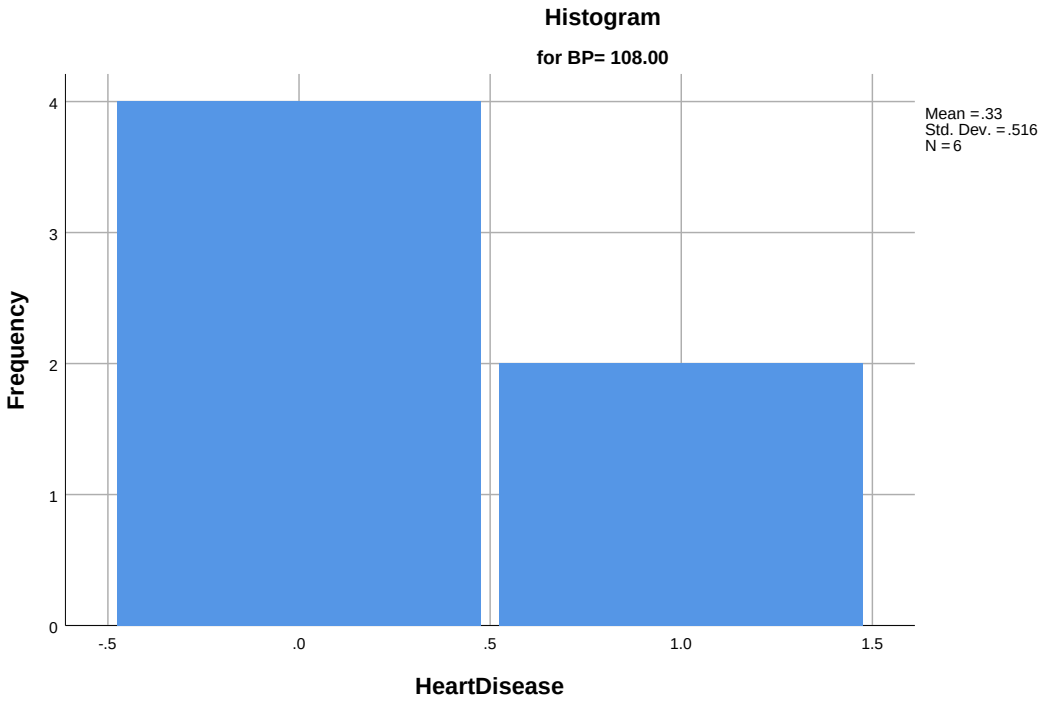
Histograms

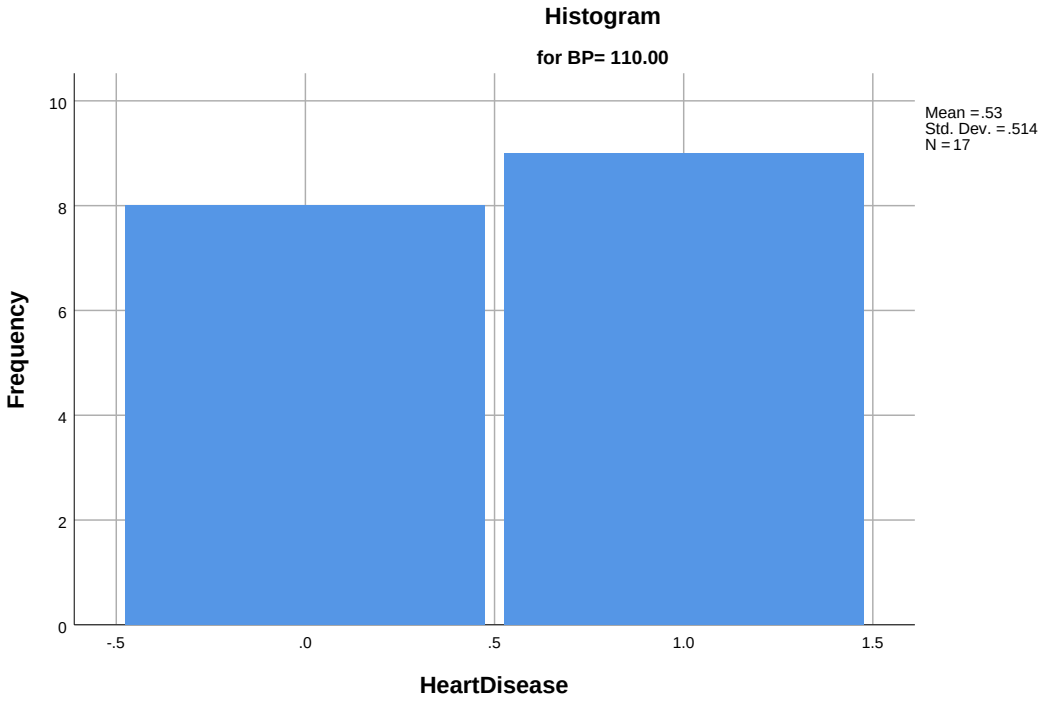


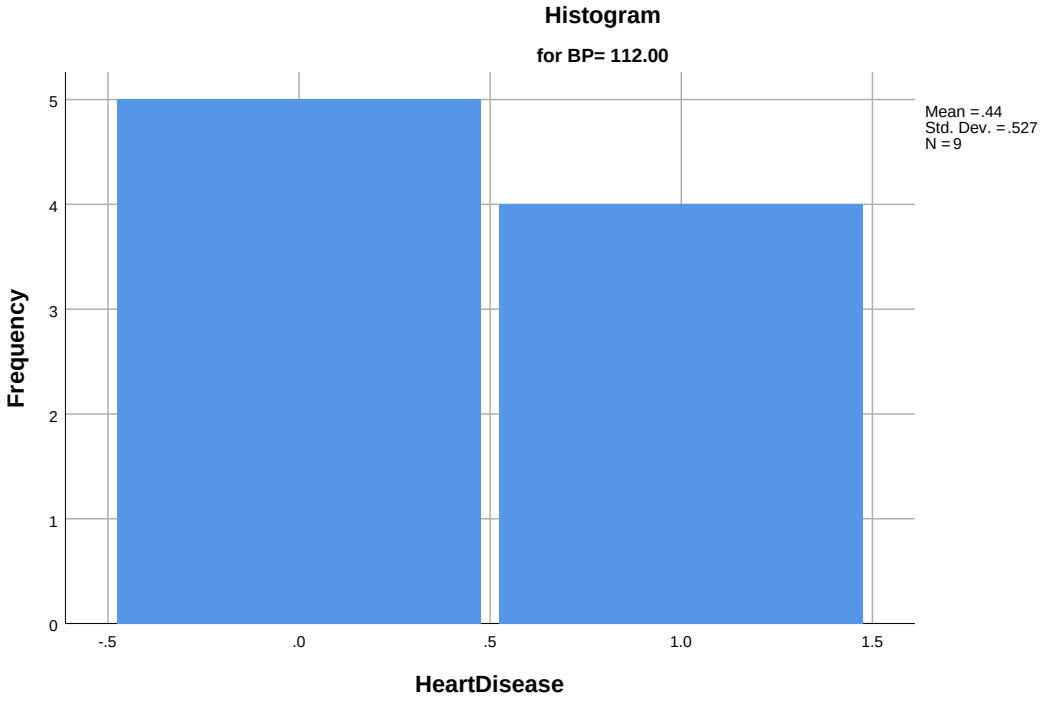

Histogram
for BP= 100.00
Mean =.5
Std. Dev. =.577
N =4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

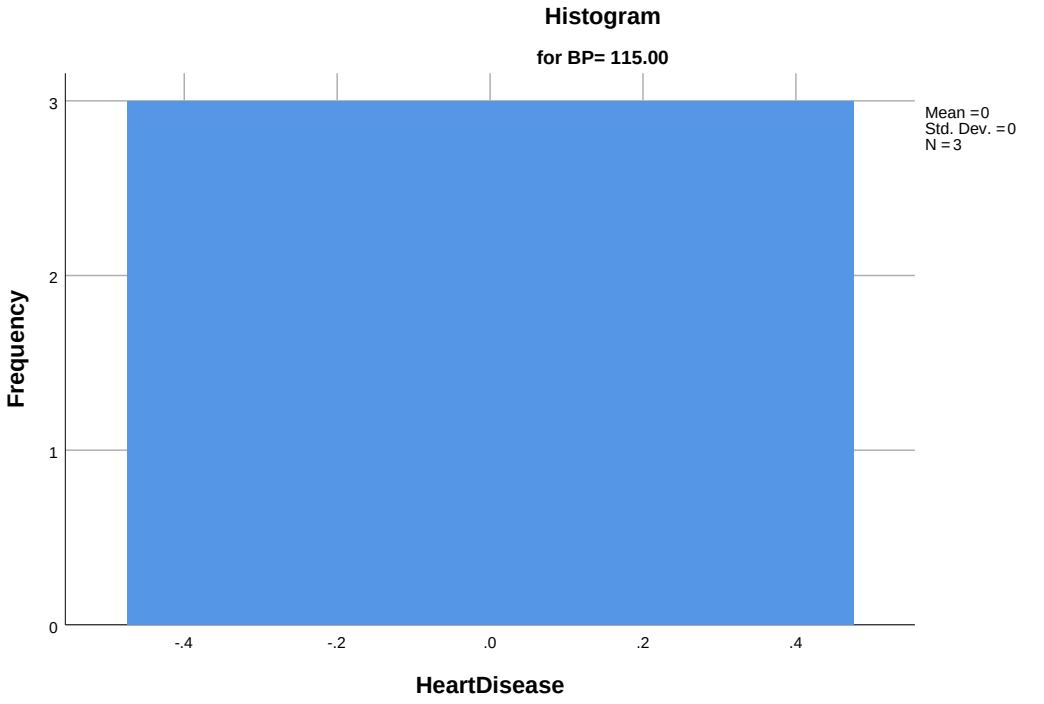

Histogram
for BP= 102.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

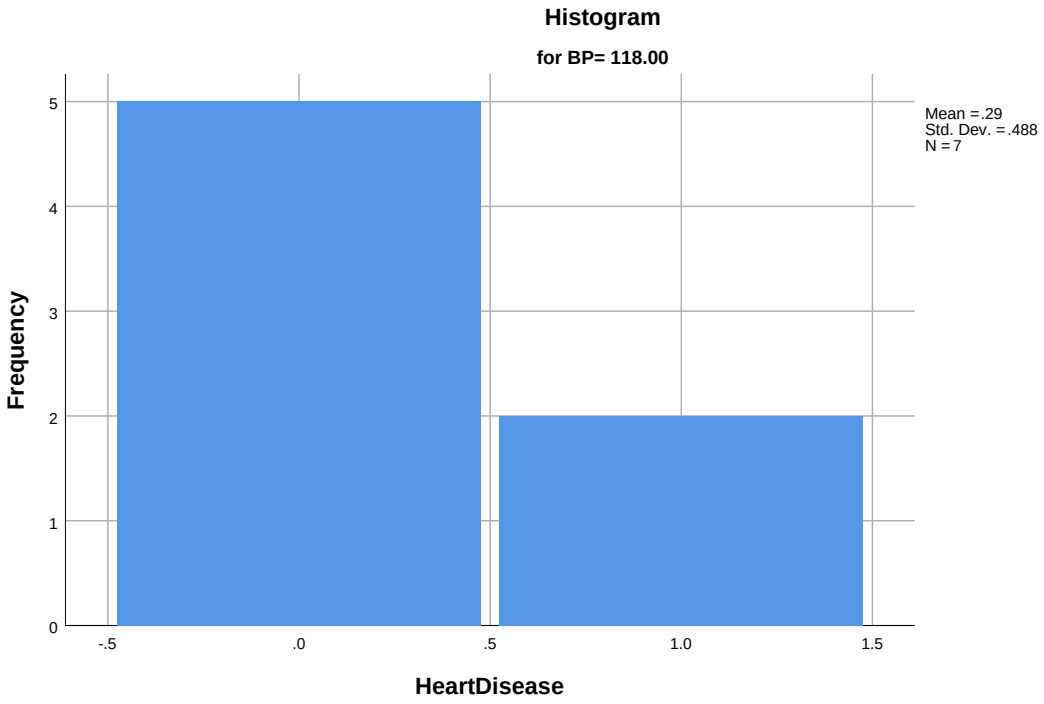

Histogram
for BP= 105.00
Mean =0
Std. Dev. =0
N =3
Frequency
0
1
2
3
-.4
-.2
.0
.2
.4
HeartDisease

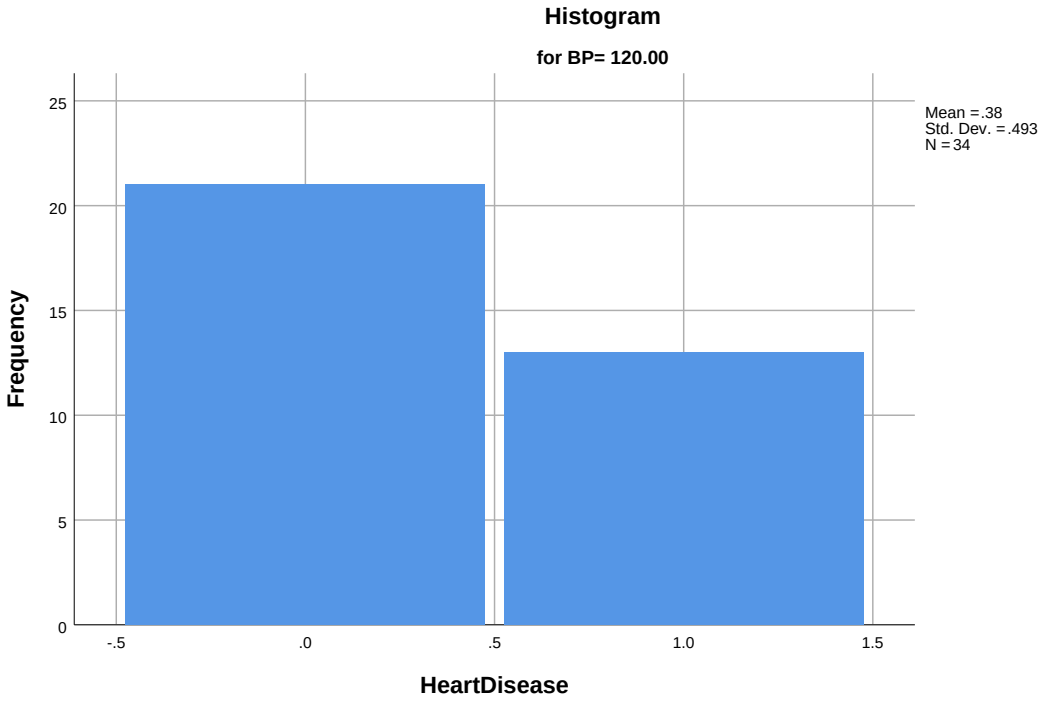

Histogram
for BP= 108.00
Mean =.33
Std. Dev. =.516
N =6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

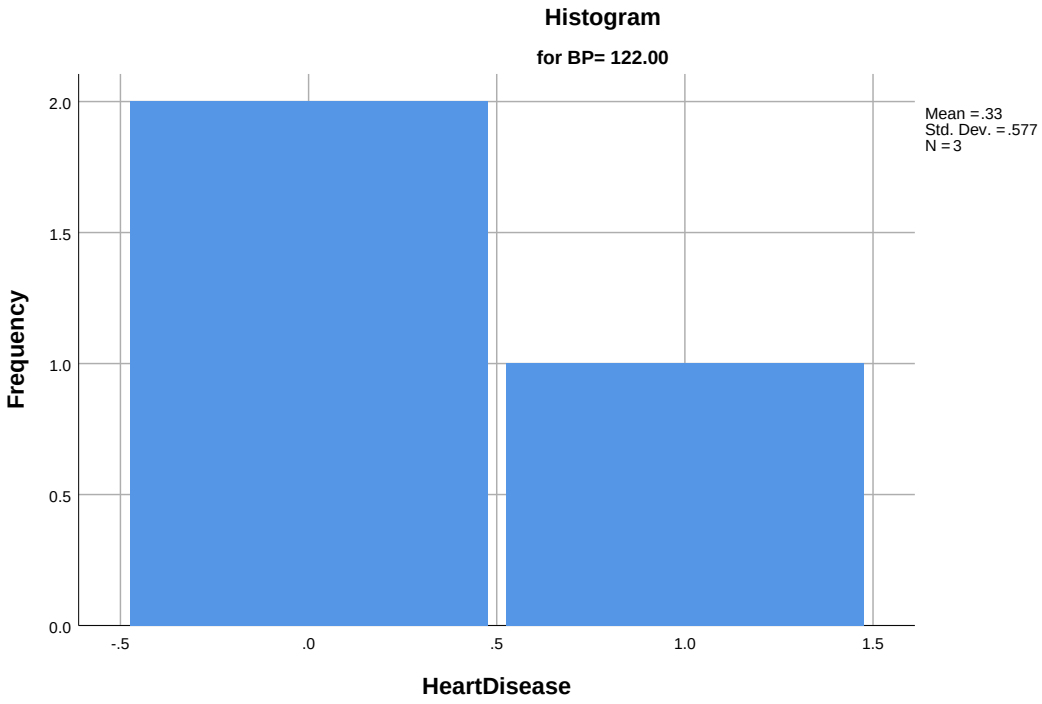

Histogram
for BP= 110.00
Mean =.53
Std. Dev. =.514
N =17
Frequency
HeartDisease
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5

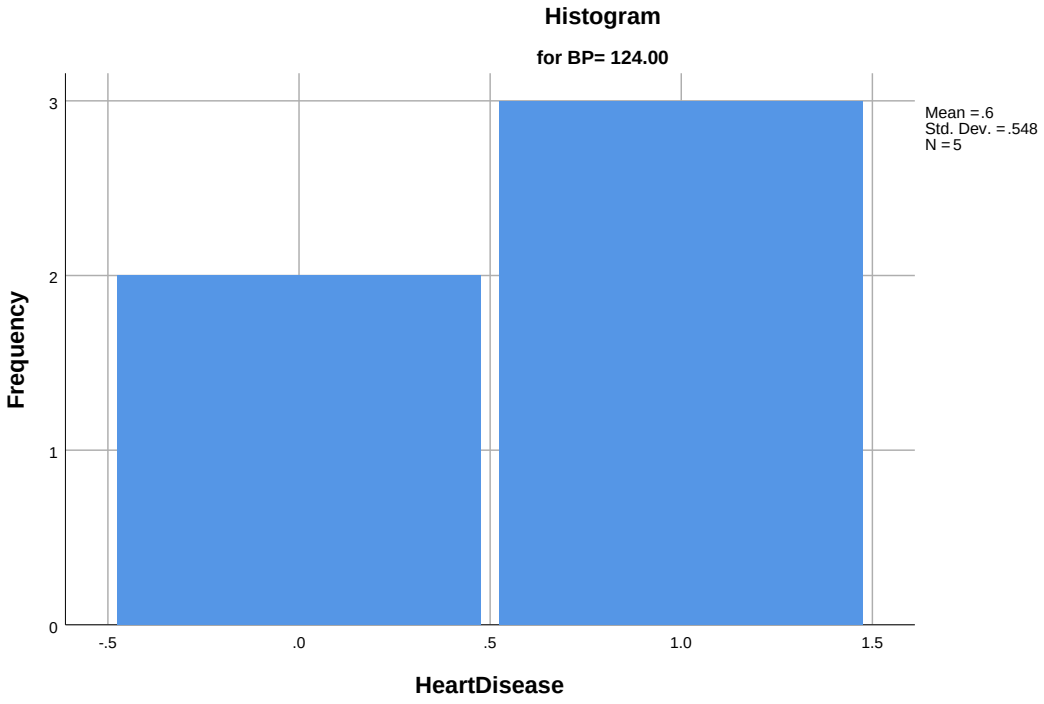

Histogram
for BP= 112.00
Mean =.44
Std. Dev. =.527
N =9
Frequency
HeartDisease
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5

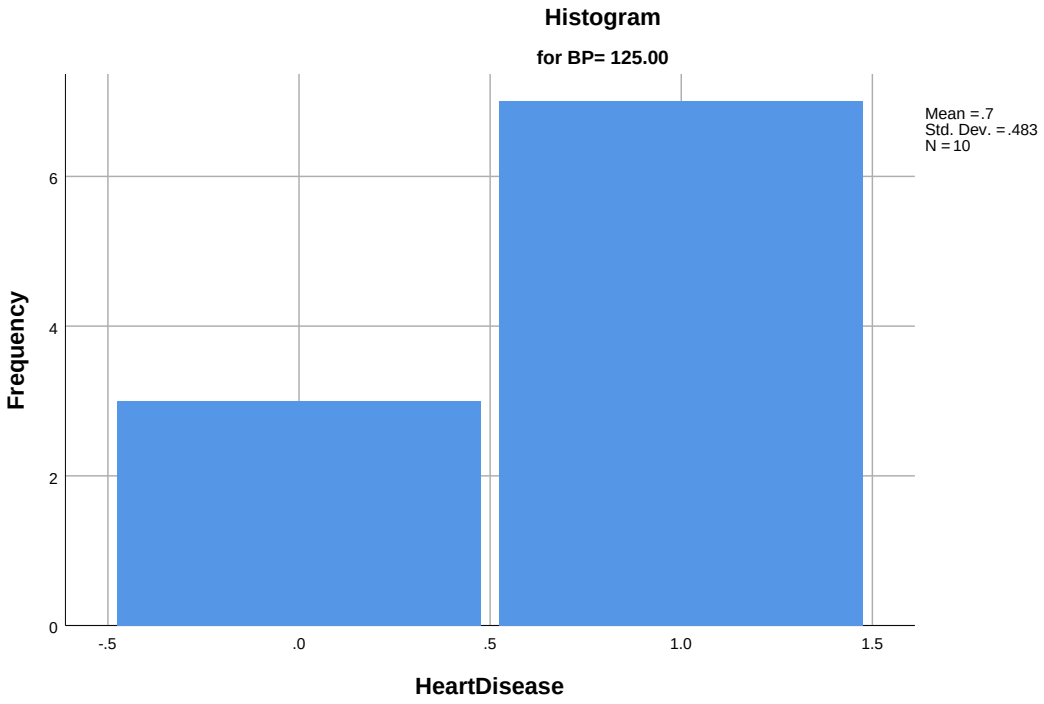

Histogram
for BP= 115.00
Mean =0
Std. Dev. =0
N =3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

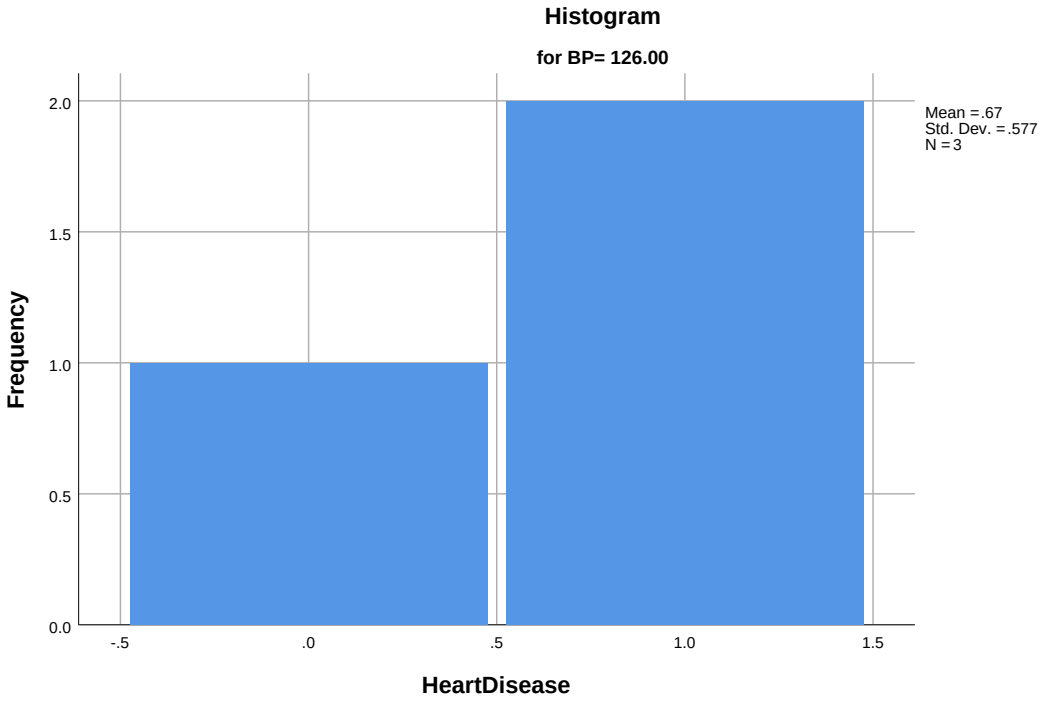

Histogram
for BP= 118.00
Mean =.29
Std. Dev. =.488
N =7
Frequency
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

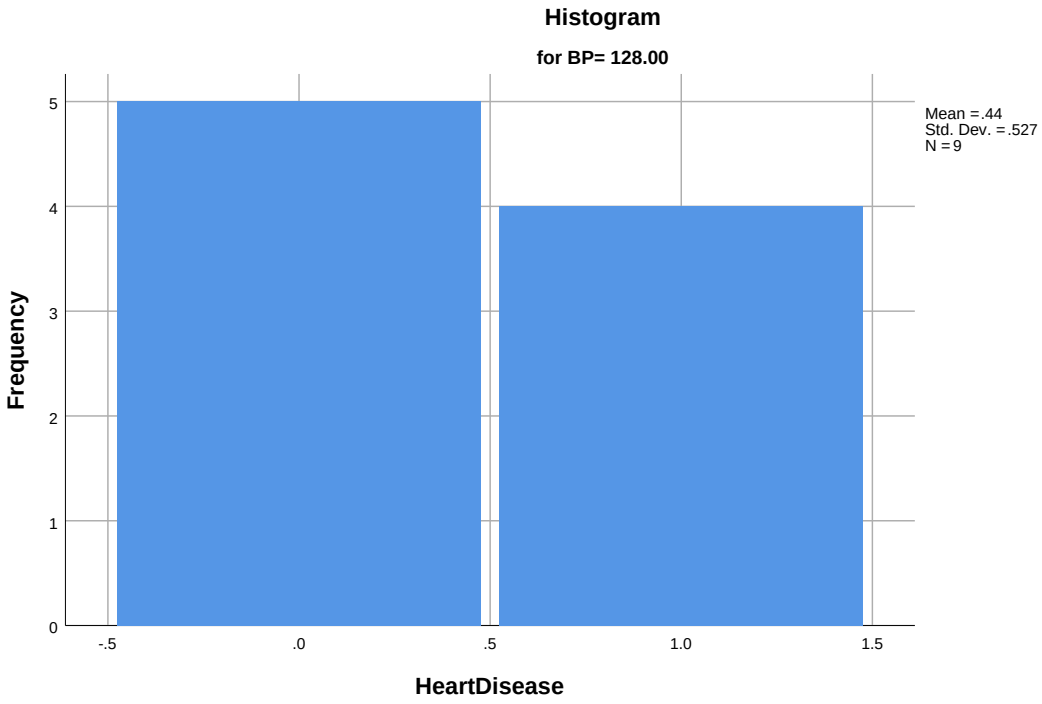

Histogram
for BP= 120.00
Mean =.38
Std. Dev. =.493
N =34
Frequency
25
20
15
10
5
0
-.5
.0
.5
1.0
1.5
HeartDisease

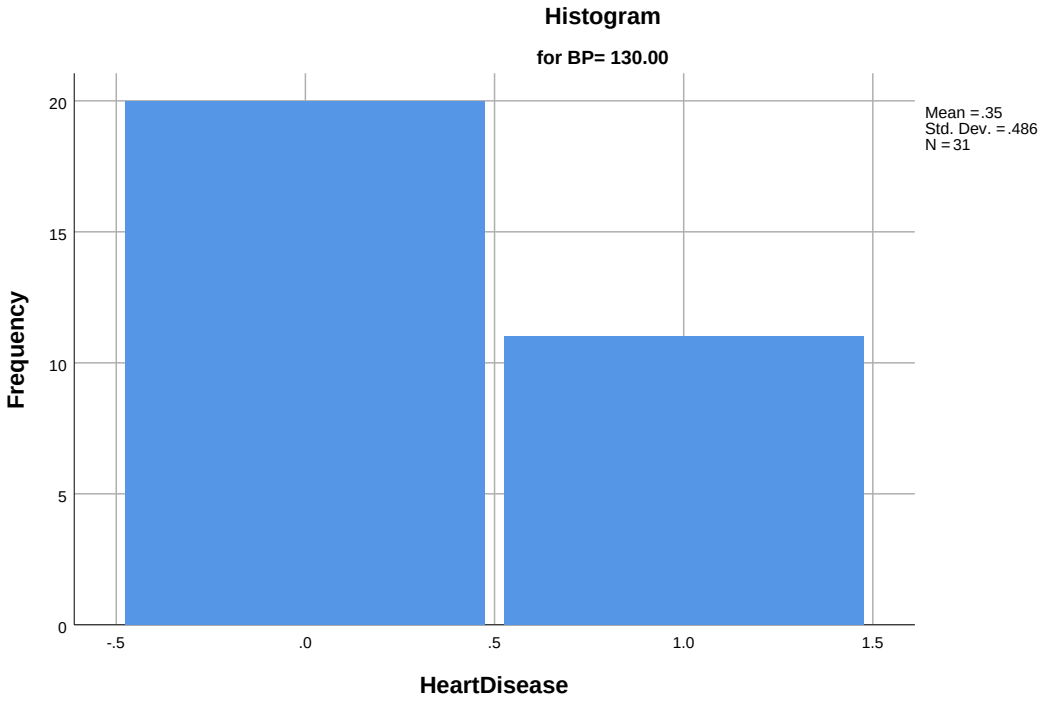

Histogram
for BP= 122.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

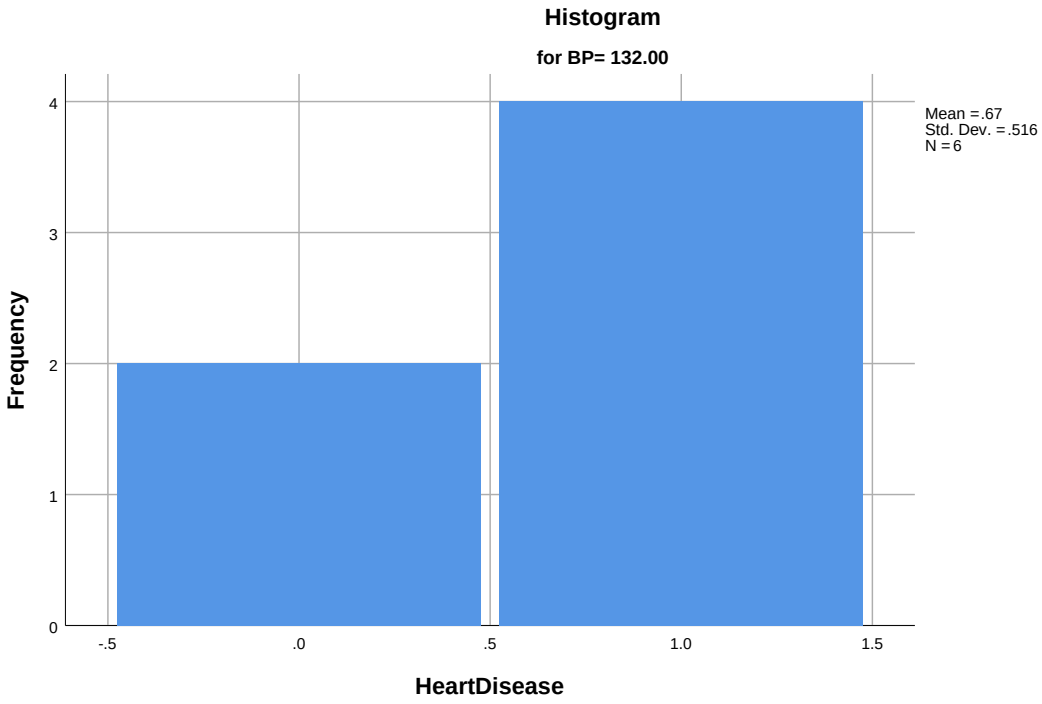

Histogram
for BP= 124.00
Mean =.6
Std. Dev. =.548
N =5
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

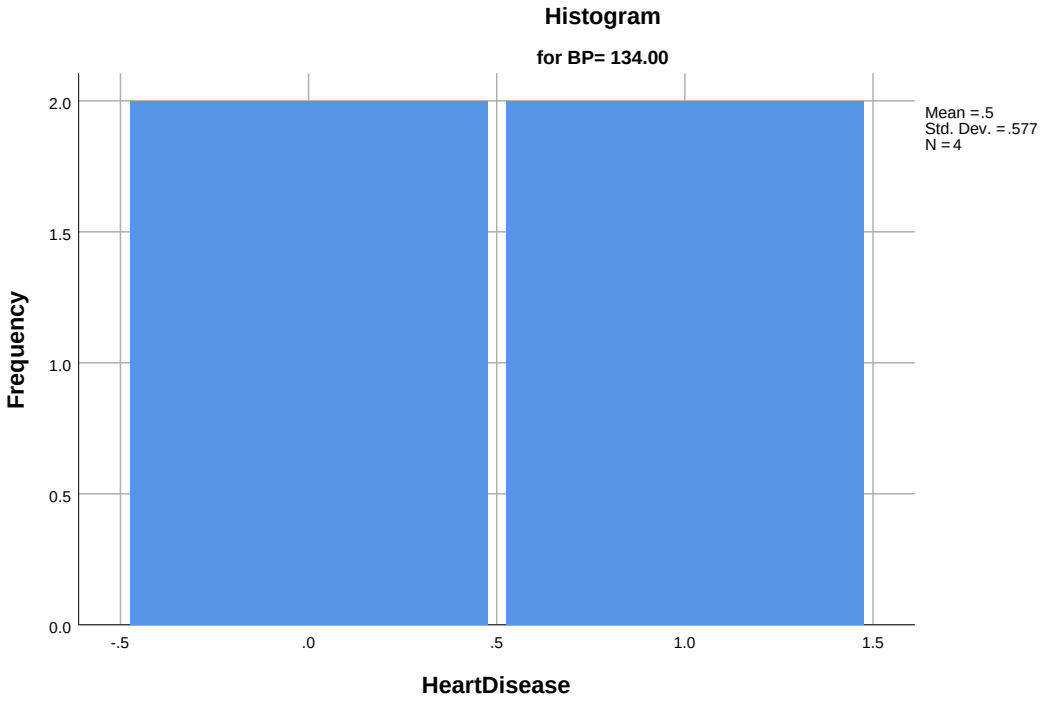

Histogram
for BP= 125.00
Mean =.7
Std. Dev. =.483
N =10
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

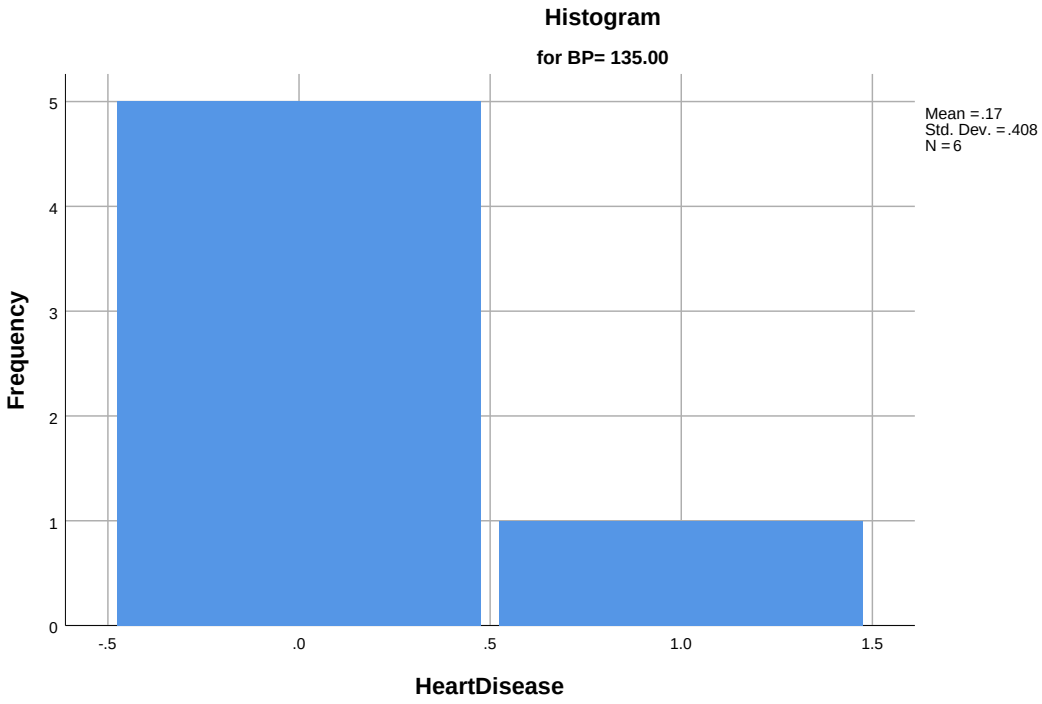

Histogram
for BP= 126.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

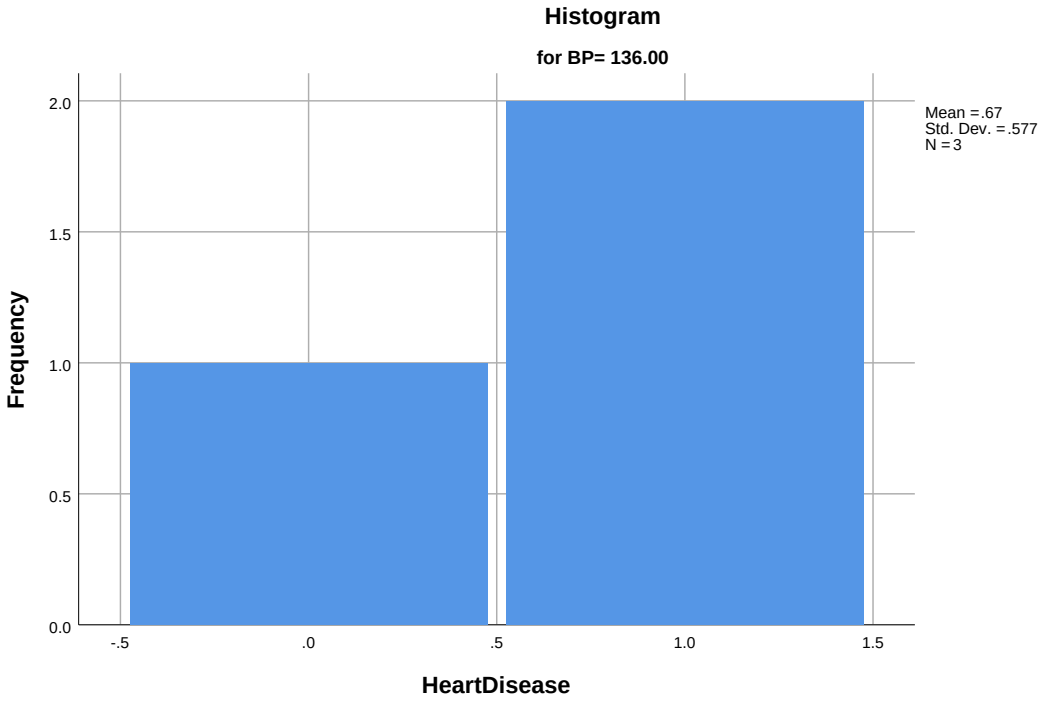

Histogram
for BP= 128.00
Mean =.44
Std. Dev. =.527
N = 9
Frequency
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

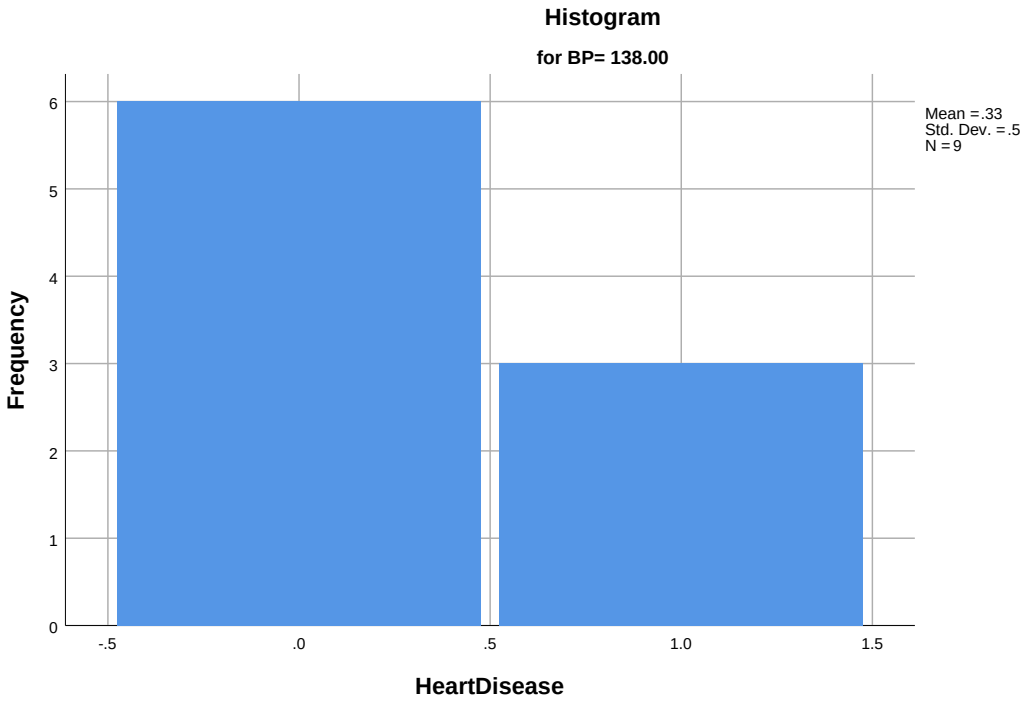

Histogram
for BP= 130.00
Mean =.35
Std. Dev. =.486
N = 31
Frequency
20
15
10
5
0
-.5
.0
.5
1.0
1.5
HeartDisease

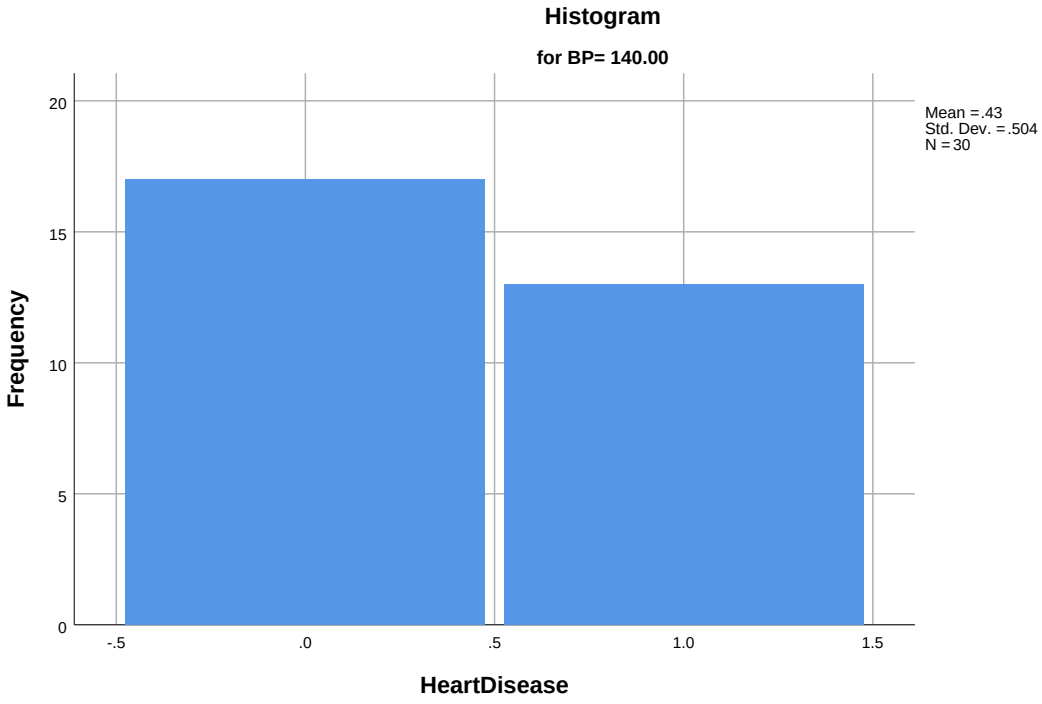

Histogram
for BP= 132.00
Mean =.67
Std. Dev. =.516
N = 6
Frequency
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

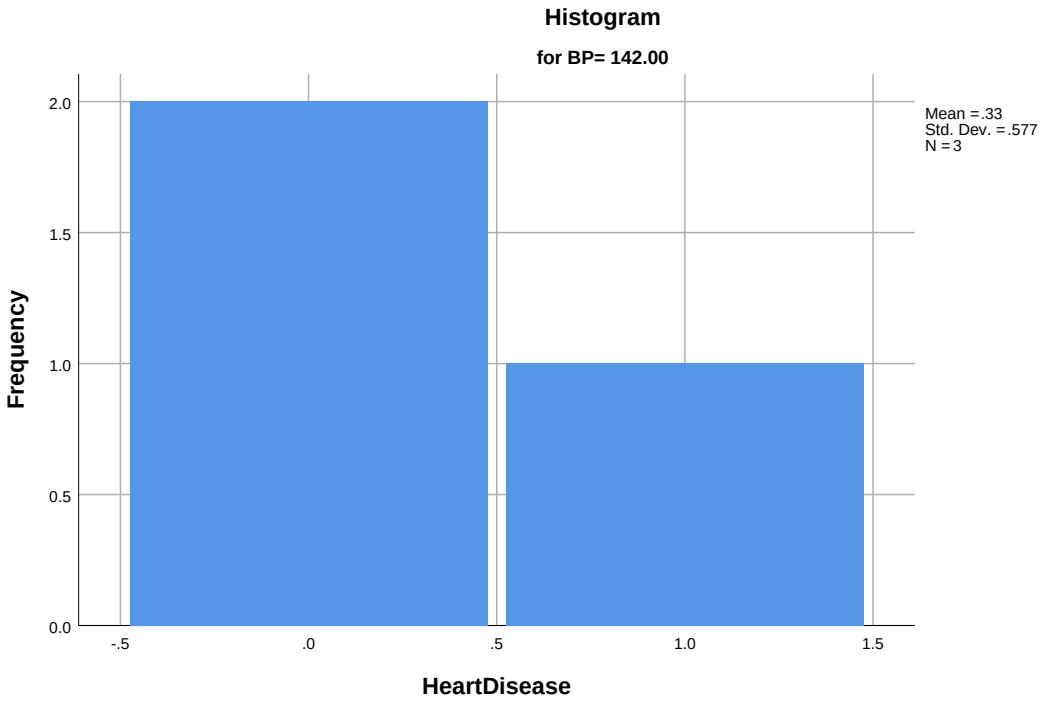

Histogram
for BP= 134.00
Mean =.5
Std. Dev. =.577
N = 4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

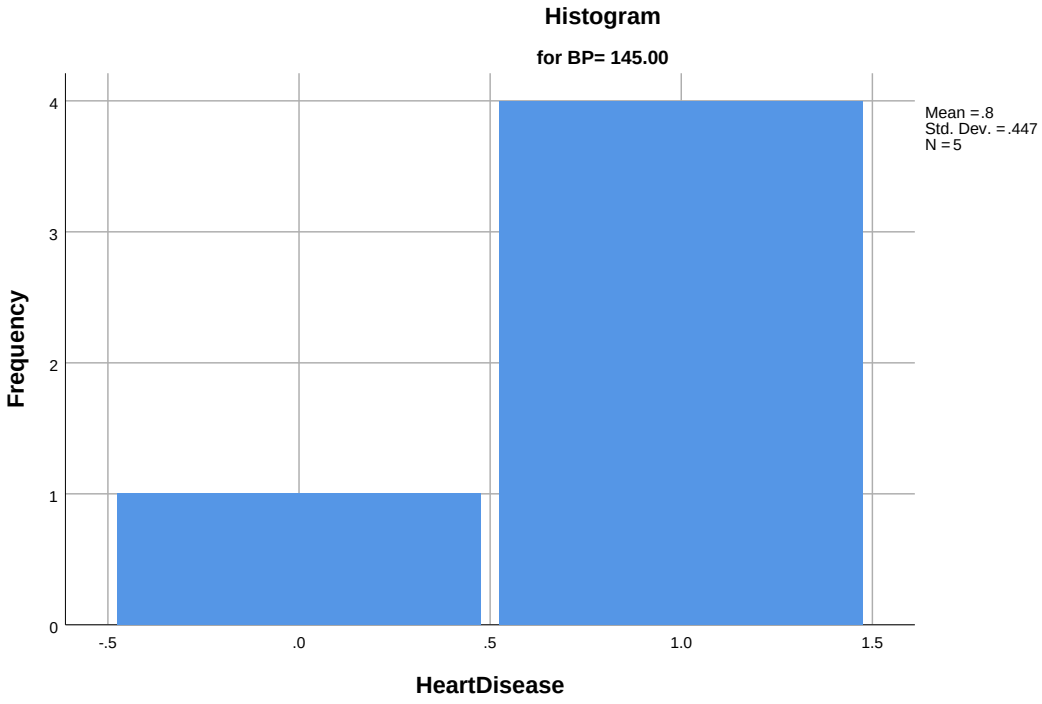

Histogram
for BP= 135.00
Mean =.17
Std. Dev. =.408
N = 6
Frequency
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

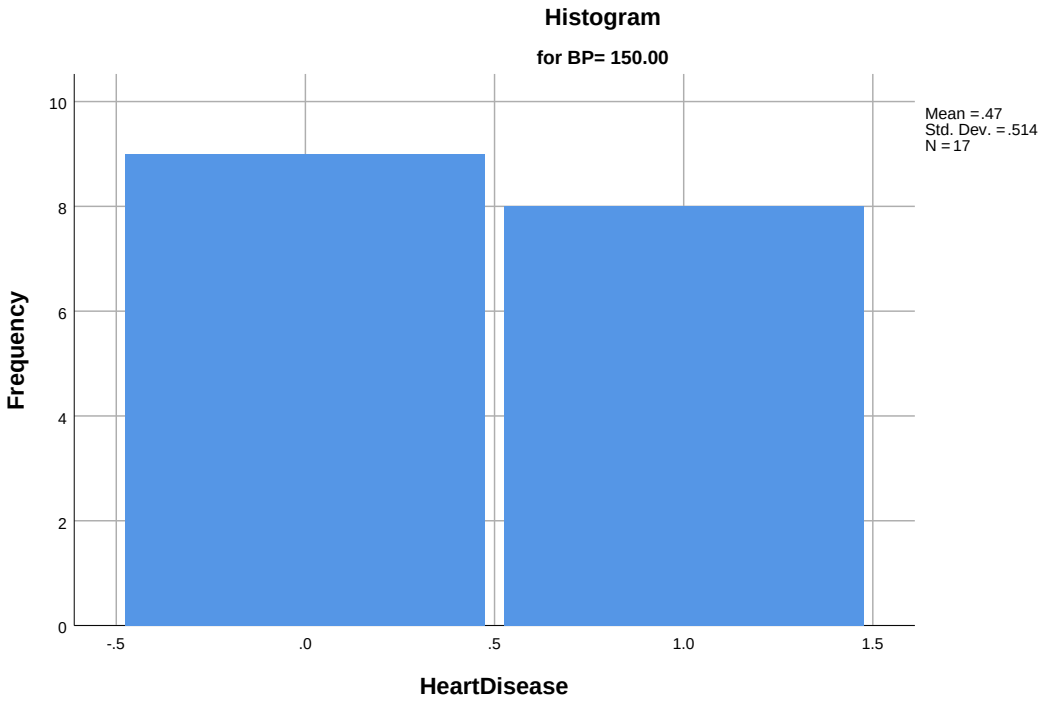

Histogram
for BP= 136.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

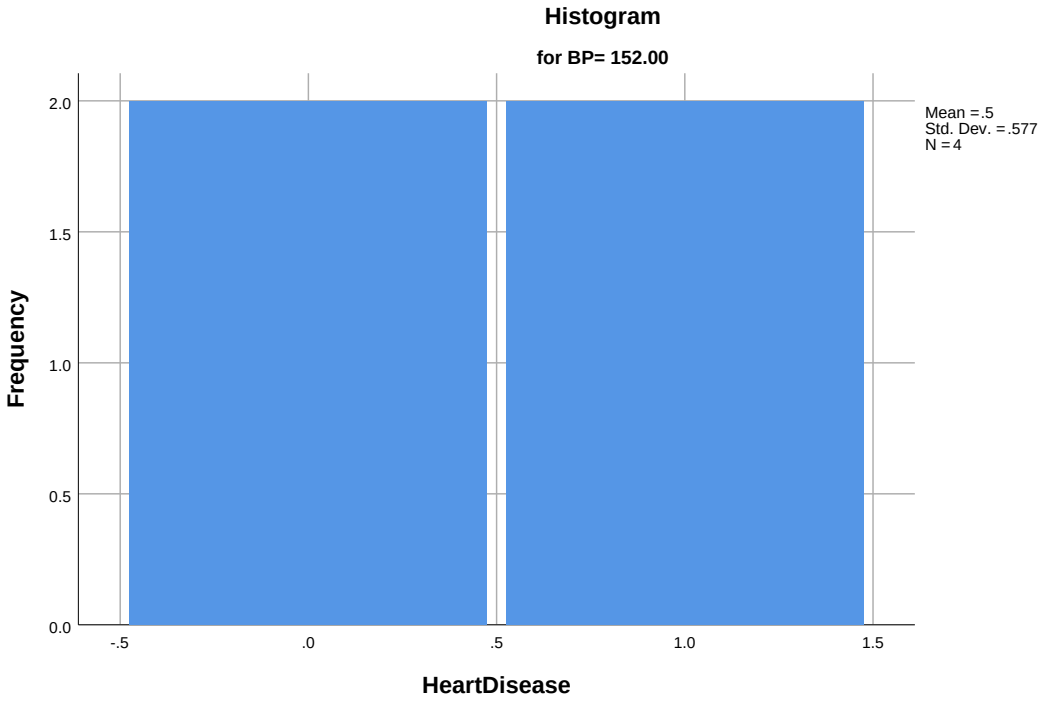

Histogram
for BP= 138.00
Mean =.33
Std. Dev. =.5
N = 9
Frequency
6
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

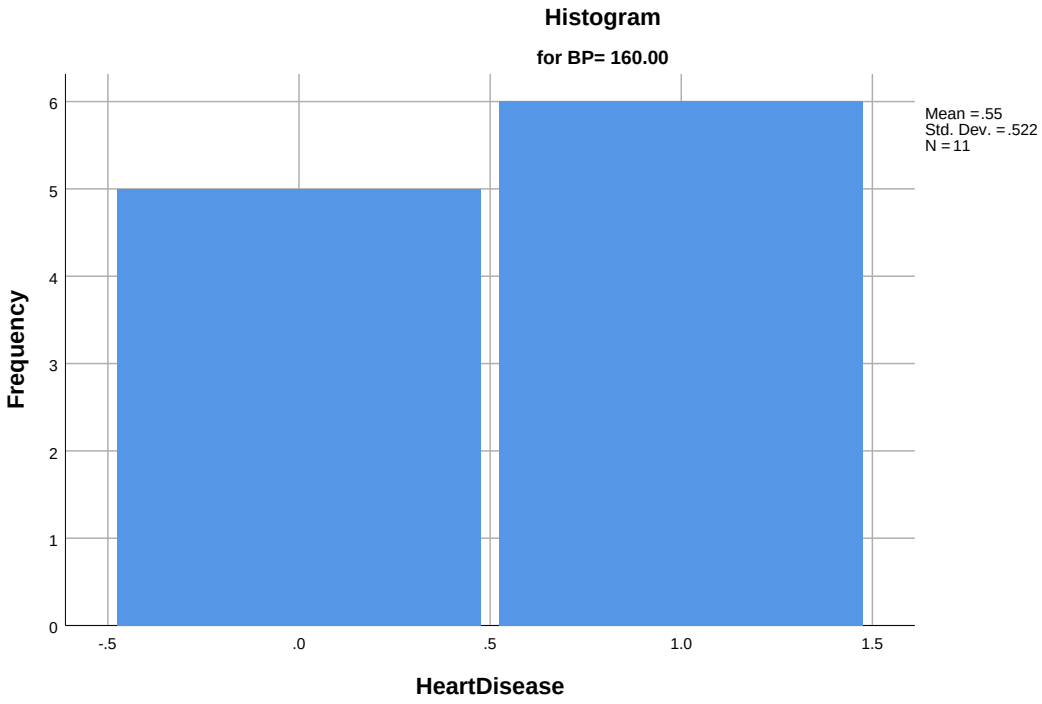

Histogram
for BP= 140.00
Mean =.43
Std. Dev. =.504
N = 30
Frequency
20
15
10
5
0
-.5
.0
.5
1.0
1.5
HeartDisease

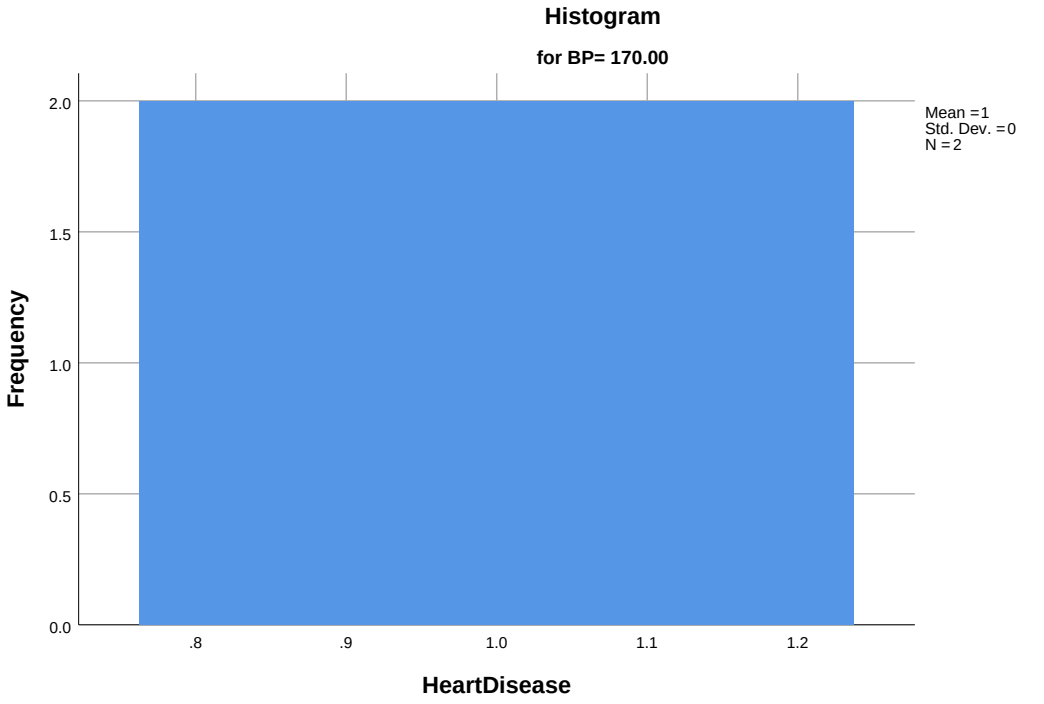

Histogram
for BP= 142.00
Mean =.33
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

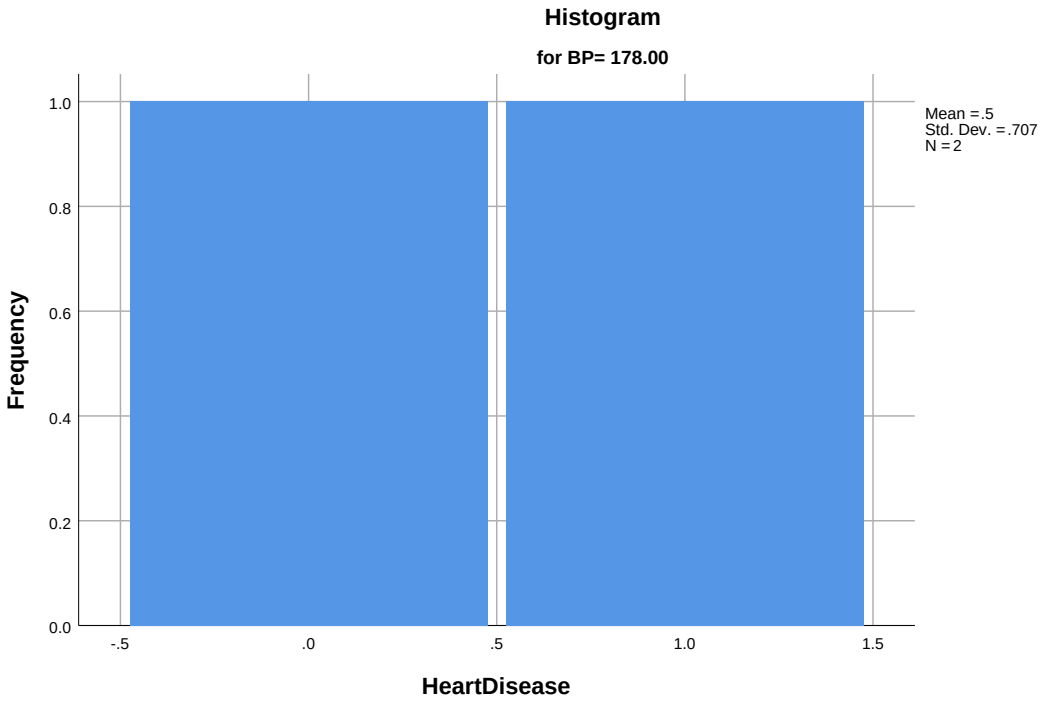

Histogram
for BP= 145.00
Mean =.8
Std. Dev. =.447
N =5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

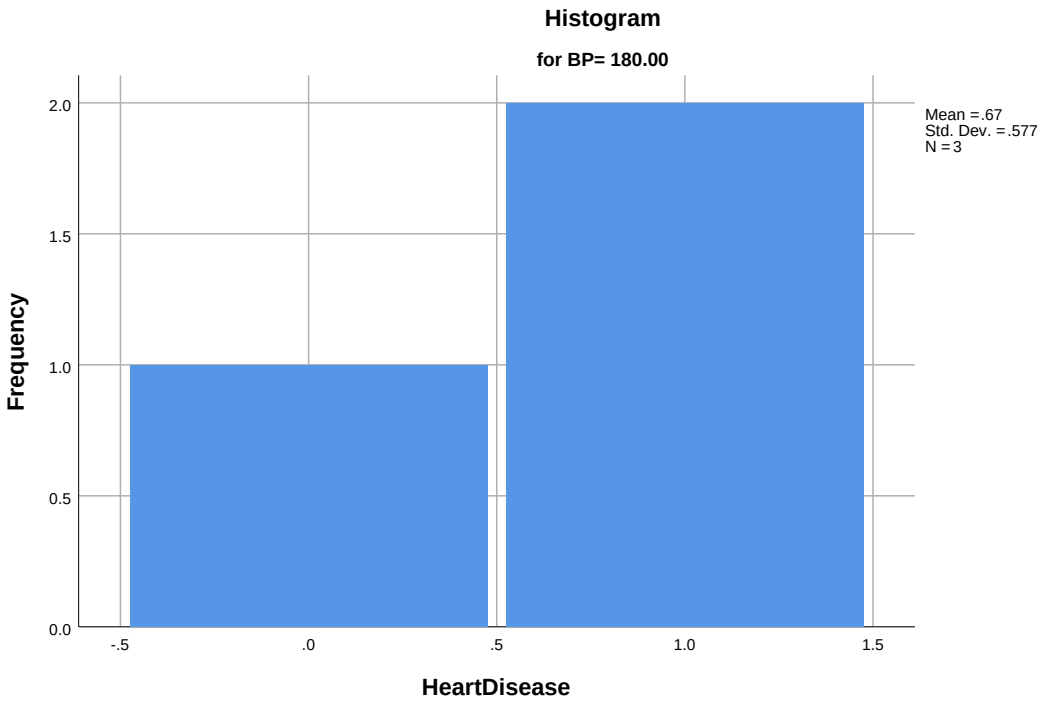

Histogram
for BP= 150.00
Mean =.47
Std. Dev. =.514
N =17
Frequency
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for BP= 152.00
Mean = .5
Std. Dev. = .577
N = 4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for BP= 160.00
Mean = .55
Std. Dev. = .522
N = 11
Frequency
6
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for BP= 170.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease


Histogram
for BP= 178.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease



Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
BP= 94.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00

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

HeartDisease Stem-and-Leaf Plot for
BP= 100.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     2.00        1 .  00
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
BP= 102.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
BP= 105.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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


HeartDisease Stem-and-Leaf Plot for
BP= 108.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
BP= 110.00

 Frequency    Stem &  Leaf

     8.00        0 .  00000000
      .00        0 .
     9.00        1 .  000000000

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



HeartDisease Stem-and-Leaf Plot for
BP= 112.00

 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
     4.00        1 .  0000

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



HeartDisease Stem-and-Leaf Plot for
BP= 115.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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



HeartDisease Stem-and-Leaf Plot for
BP= 118.00
```

```
 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 120.00

```
 Frequency    Stem &  Leaf

    21.00        0 .  000000000000000000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    13.00        1 .  0000000000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 122.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 124.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 125.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     7.00        1 .  0000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 126.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 128.00

```
 Frequency    Stem &  Leaf
```

```
     5.00        0 .  00000
      .00        0 .
     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
BP= 130.00

 Frequency    Stem &  Leaf

    20.00        0 .  00000000000000000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    11.00        1 .  00000000000

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


HeartDisease Stem-and-Leaf Plot for
BP= 132.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
BP= 134.00
```

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 135.00

```
 Frequency    Stem &  Leaf

     5.00        0 .  00000
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
BP= 136.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 138.00

```
 Frequency    Stem &  Leaf
```

```
     6.00        0 .  000000
      .00        0 .
     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
BP= 140.00

 Frequency    Stem &  Leaf

    17.00        0 .  00000000000000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    13.00        1 .  0000000000000

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


HeartDisease Stem-and-Leaf Plot for
BP= 142.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
BP= 145.00

 Frequency    Stem &  Leaf
```

```
     1.00 Extremes    (=<.0)
     4.00        1 .  0000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 150.00

```
 Frequency    Stem &  Leaf

     9.00        0 .  000000000
      .00        0 .
     8.00        1 .  00000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 152.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 160.00

```
 Frequency    Stem &  Leaf

     5.00        0 .  00000
```

```
      .00        0 .
     6.00        1 .  000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
BP= 170.00

```
 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

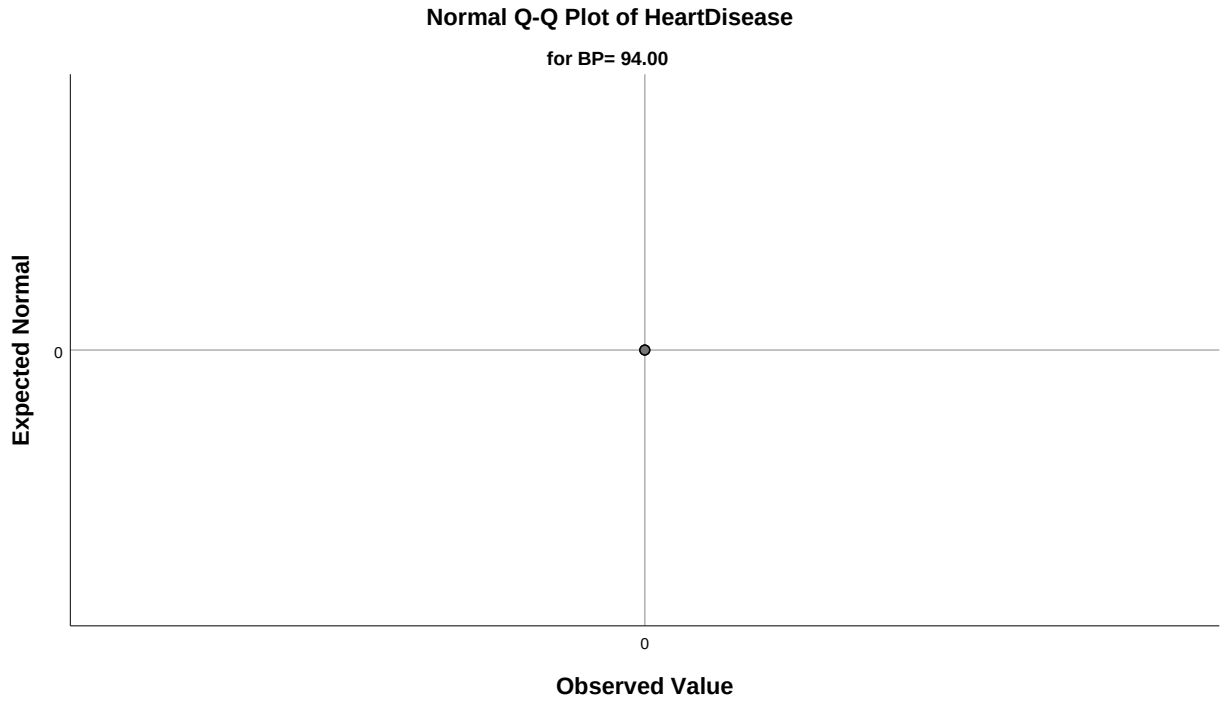
HeartDisease Stem-and-Leaf Plot for
BP= 178.00

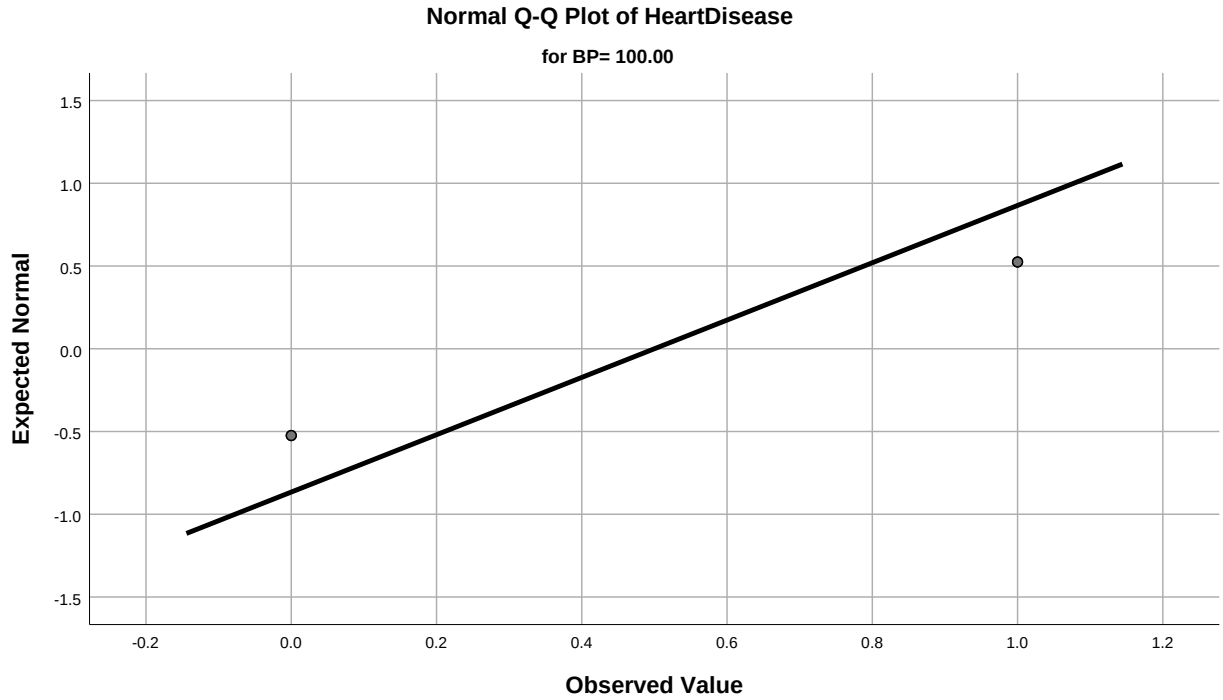
```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

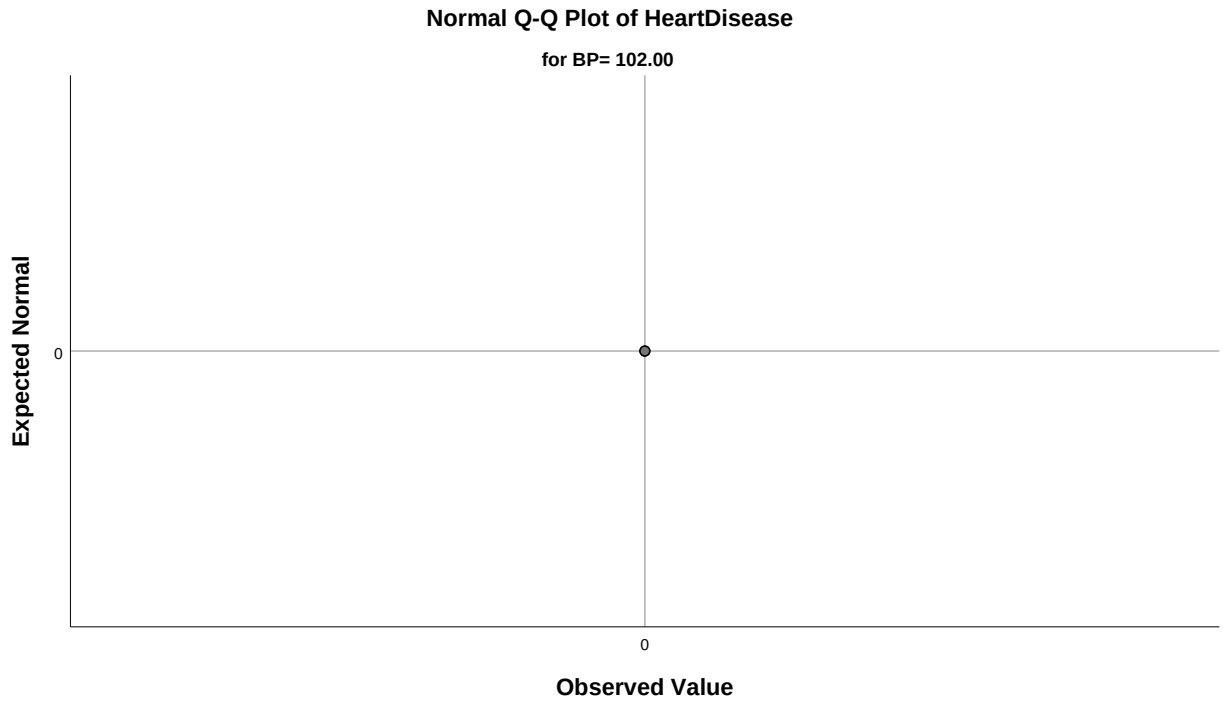
HeartDisease Stem-and-Leaf Plot for
BP= 180.00

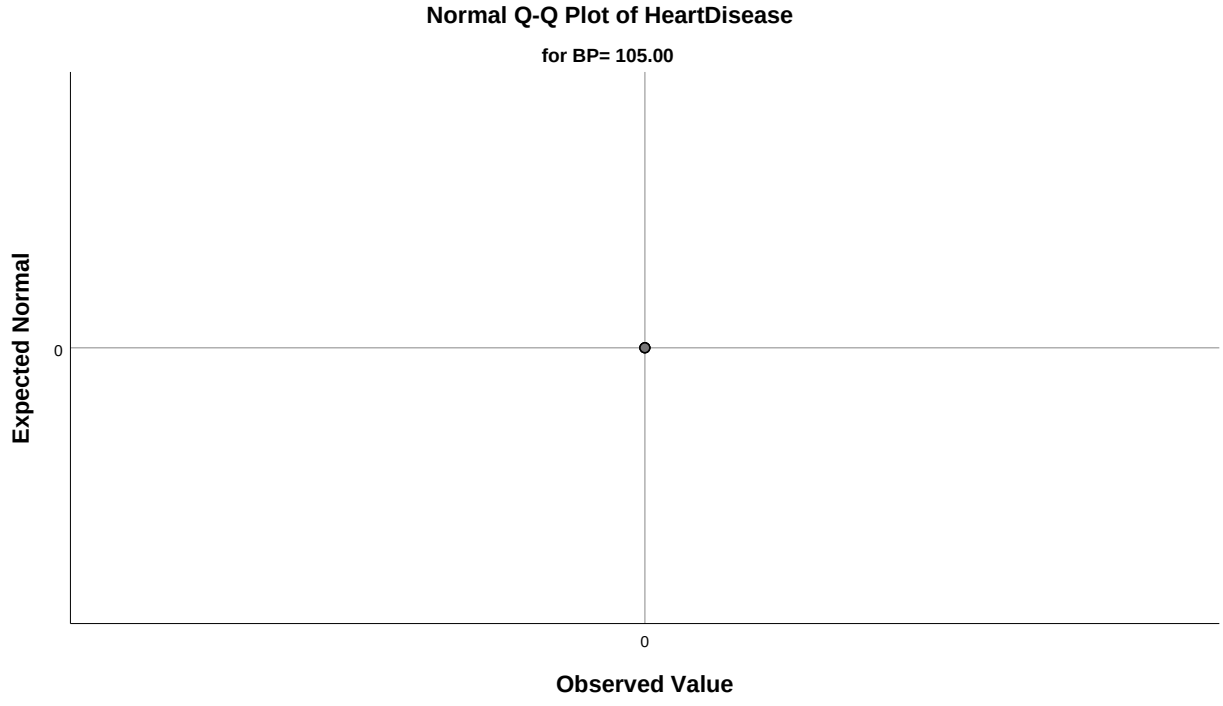
```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

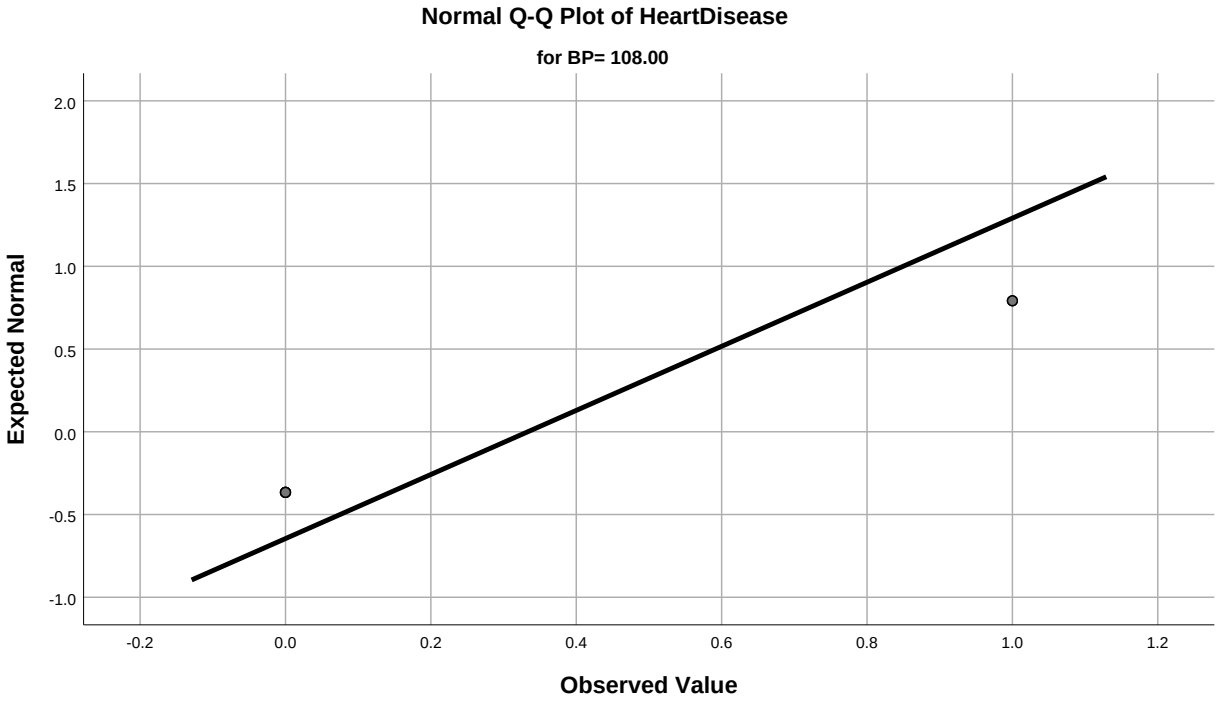
Normal Q-Q Plots

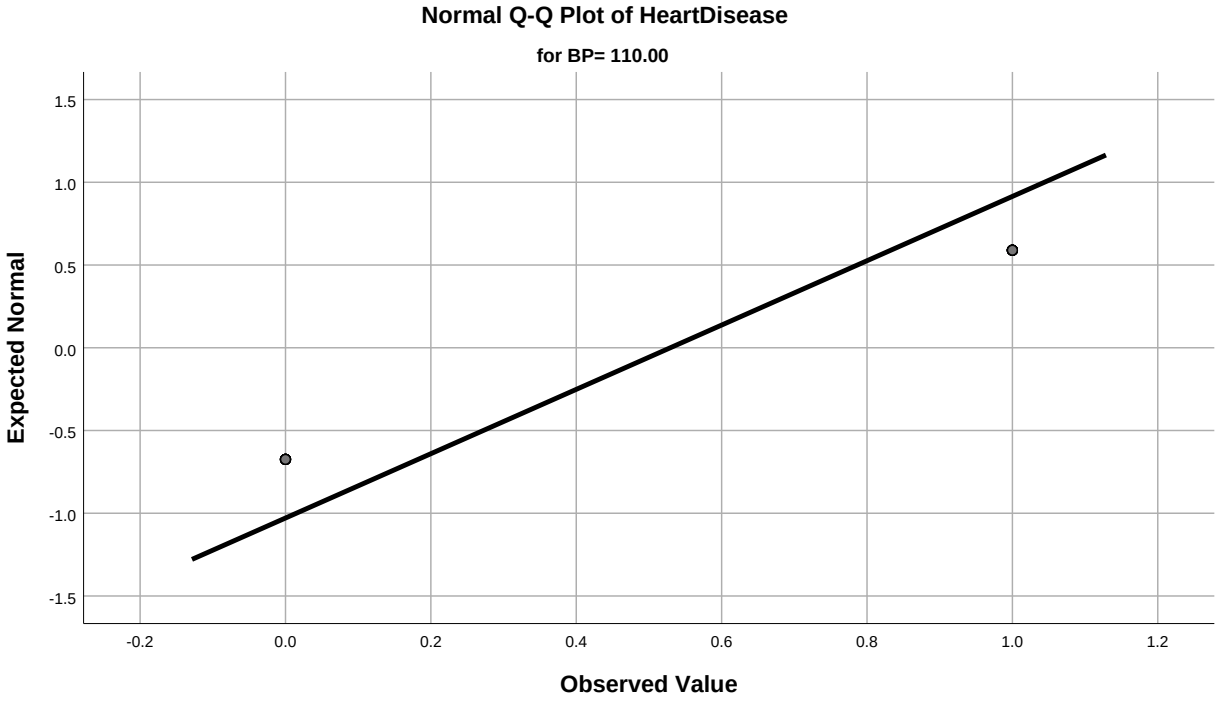


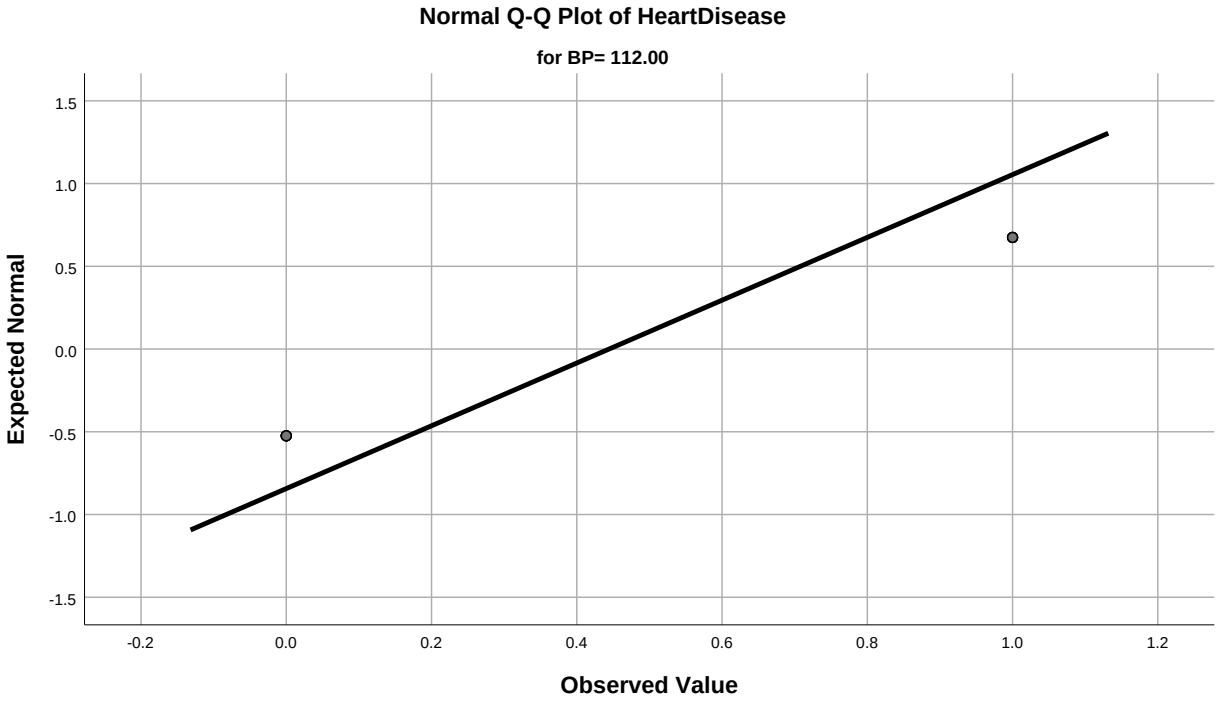


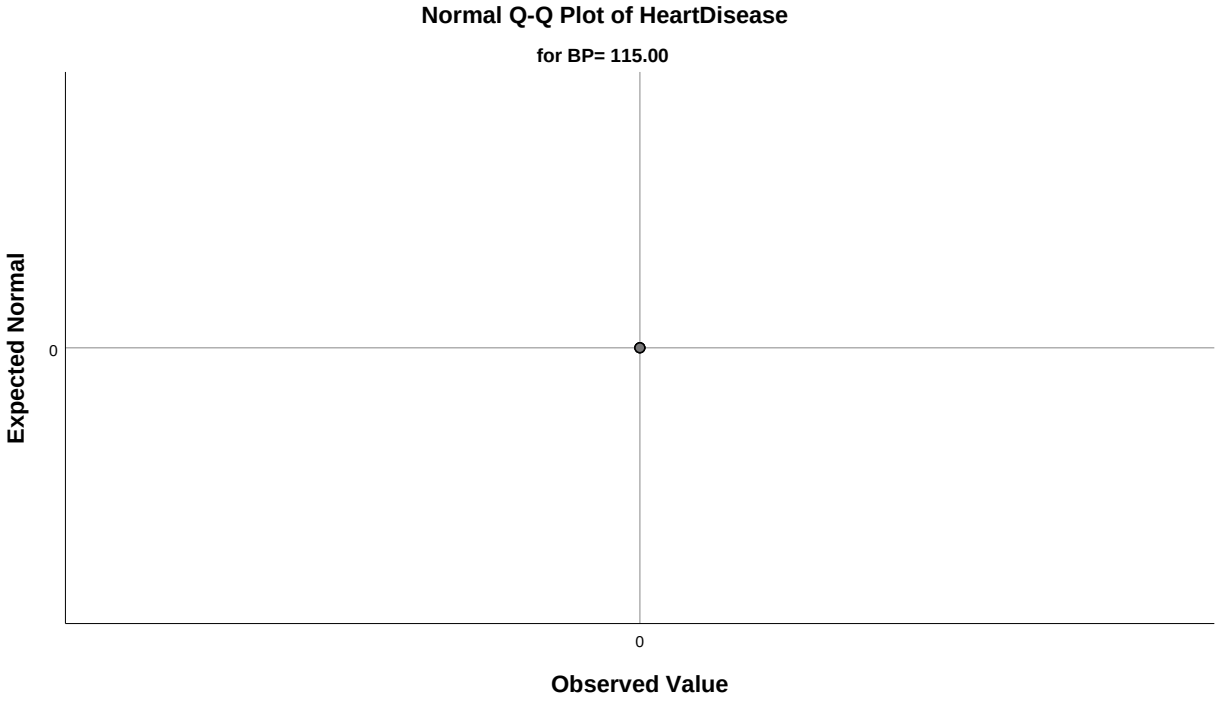

Normal Q-Q Plot of HeartDisease
for BP= 102.00
Expected Normal
0
0
Observed Value

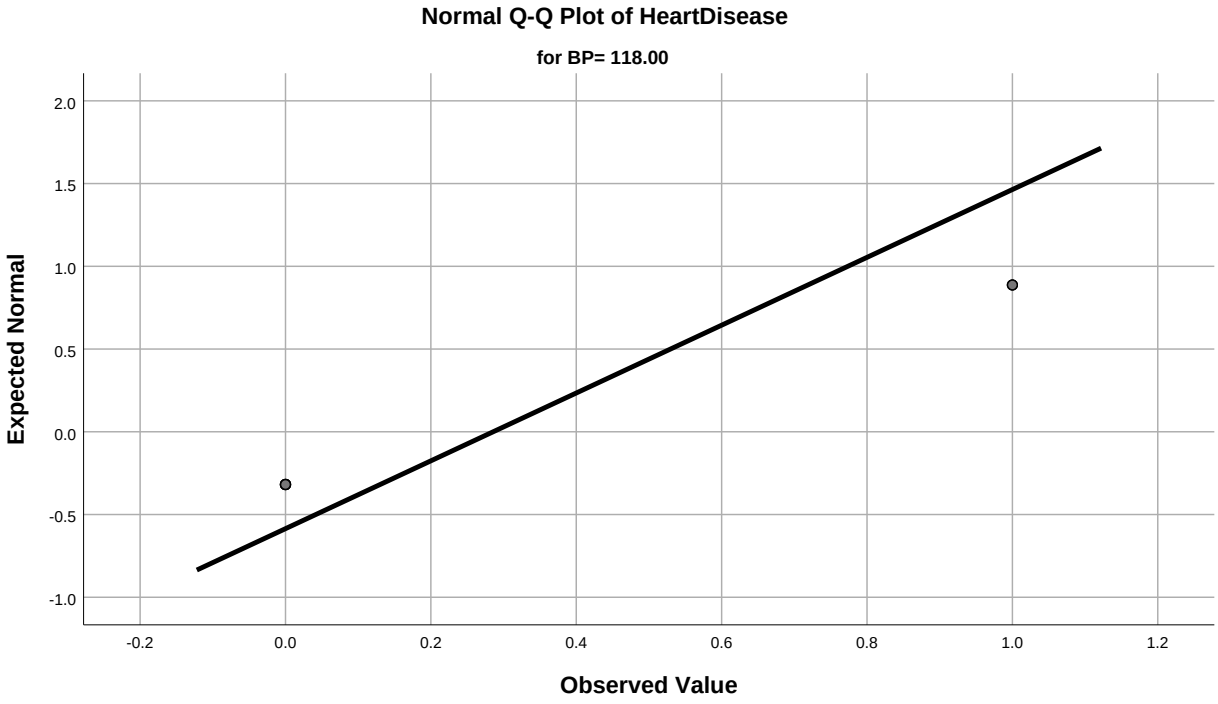

Normal Q-Q Plot of HeartDisease
for BP= 105.00
Expected Normal
0
0
Observed Value

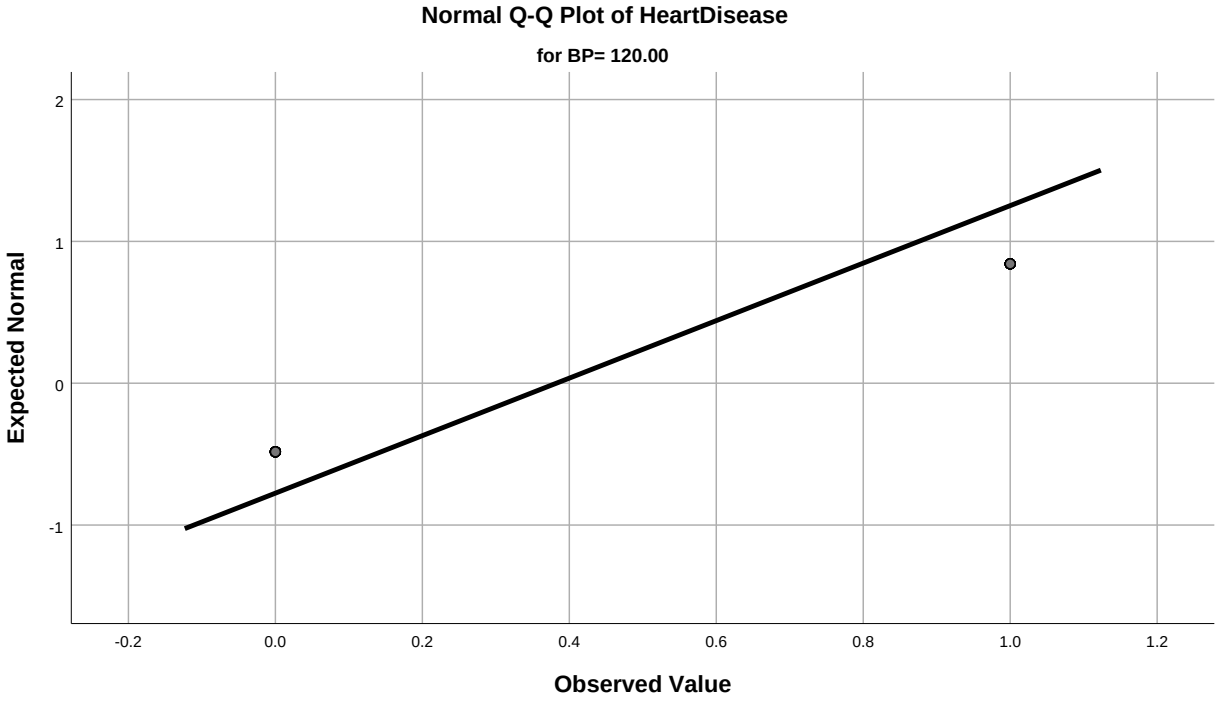

Normal Q-Q Plot of HeartDisease
for BP= 108.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

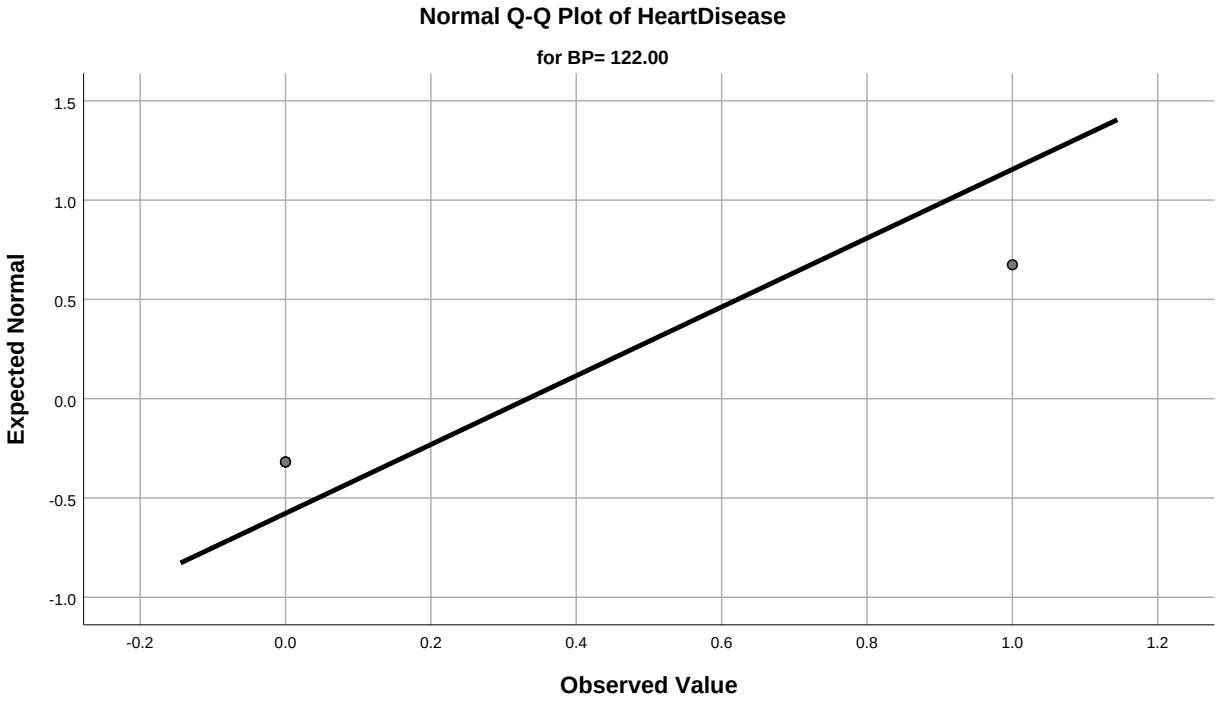

Normal Q-Q Plot of HeartDisease
for BP= 110.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

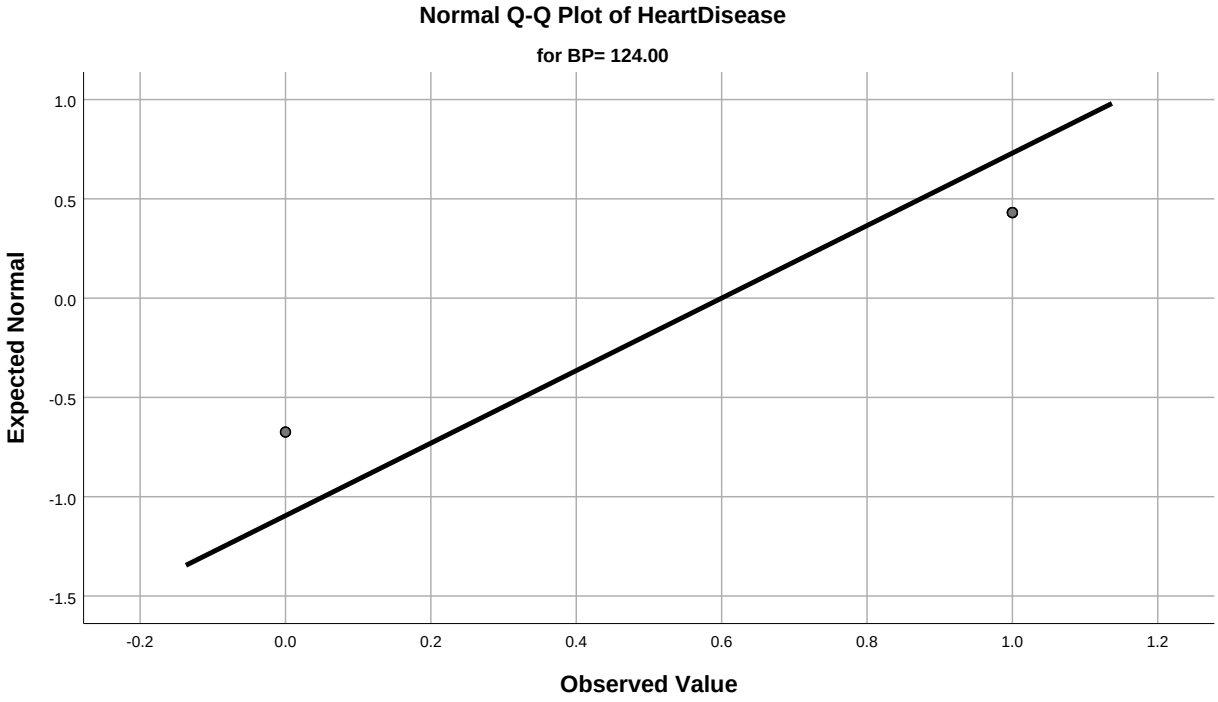

Normal Q-Q Plot of HeartDisease
for BP= 112.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

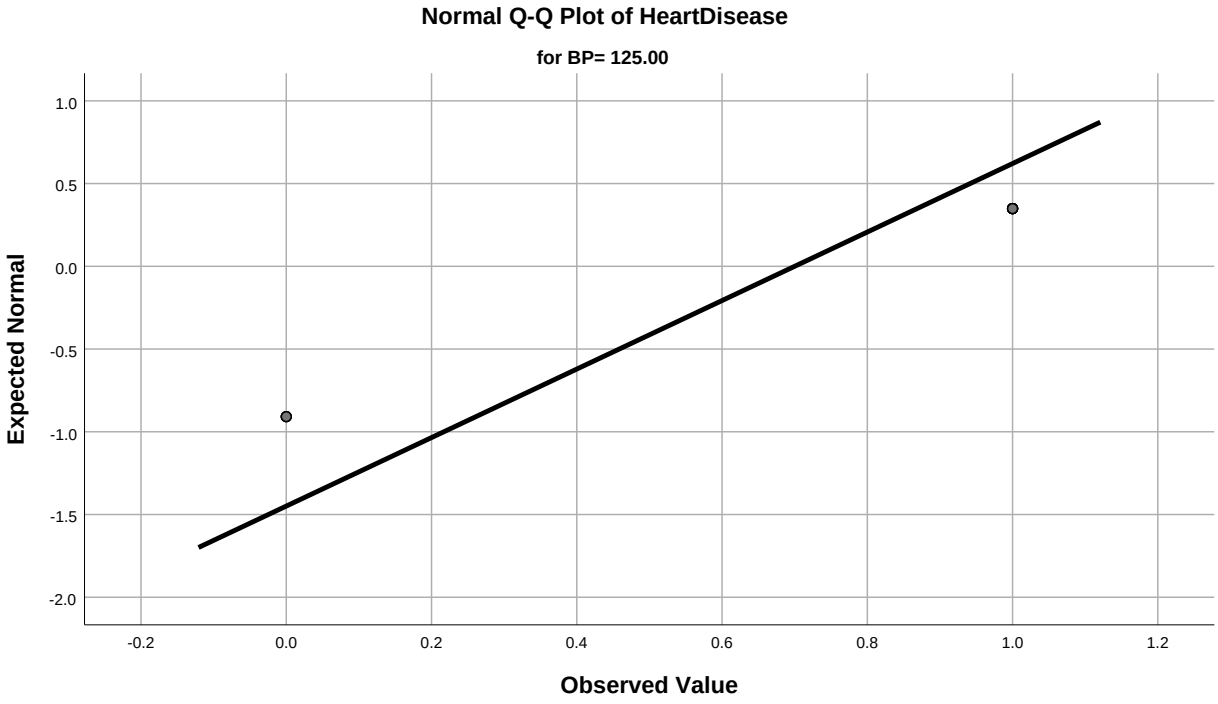

Normal Q-Q Plot of HeartDisease
for BP= 115.00
Expected Normal
0
0
Observed Value

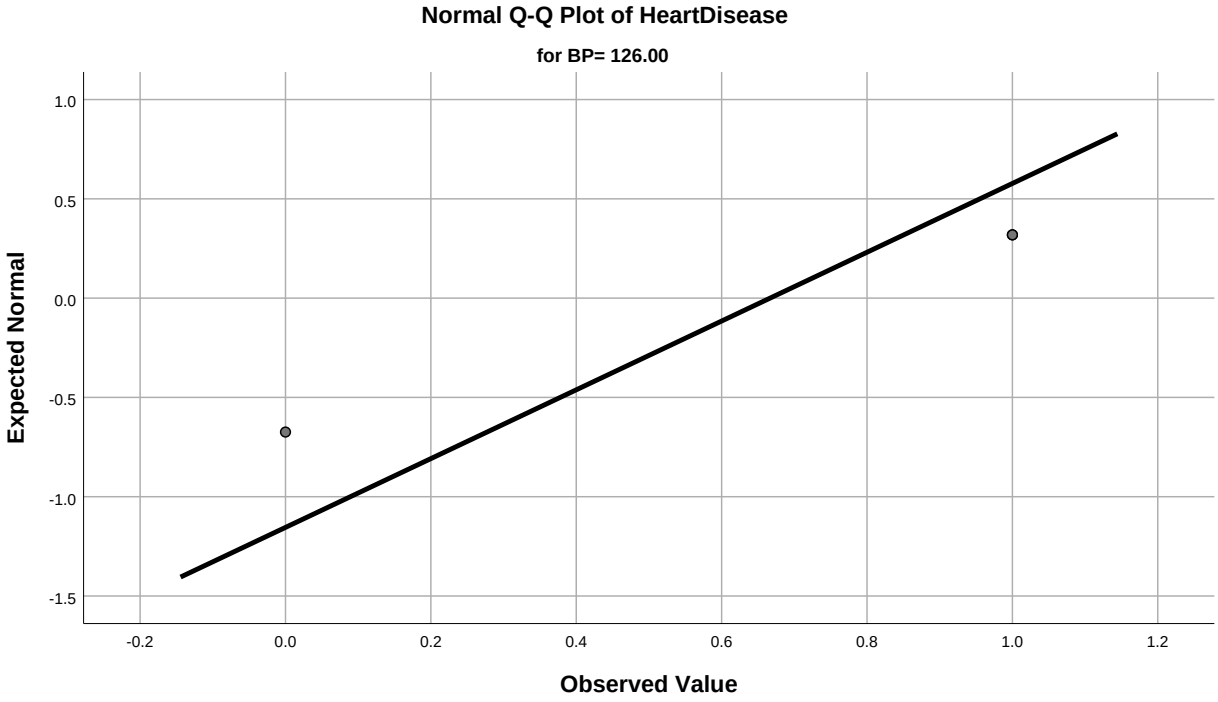

Normal Q-Q Plot of HeartDisease
for BP= 118.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

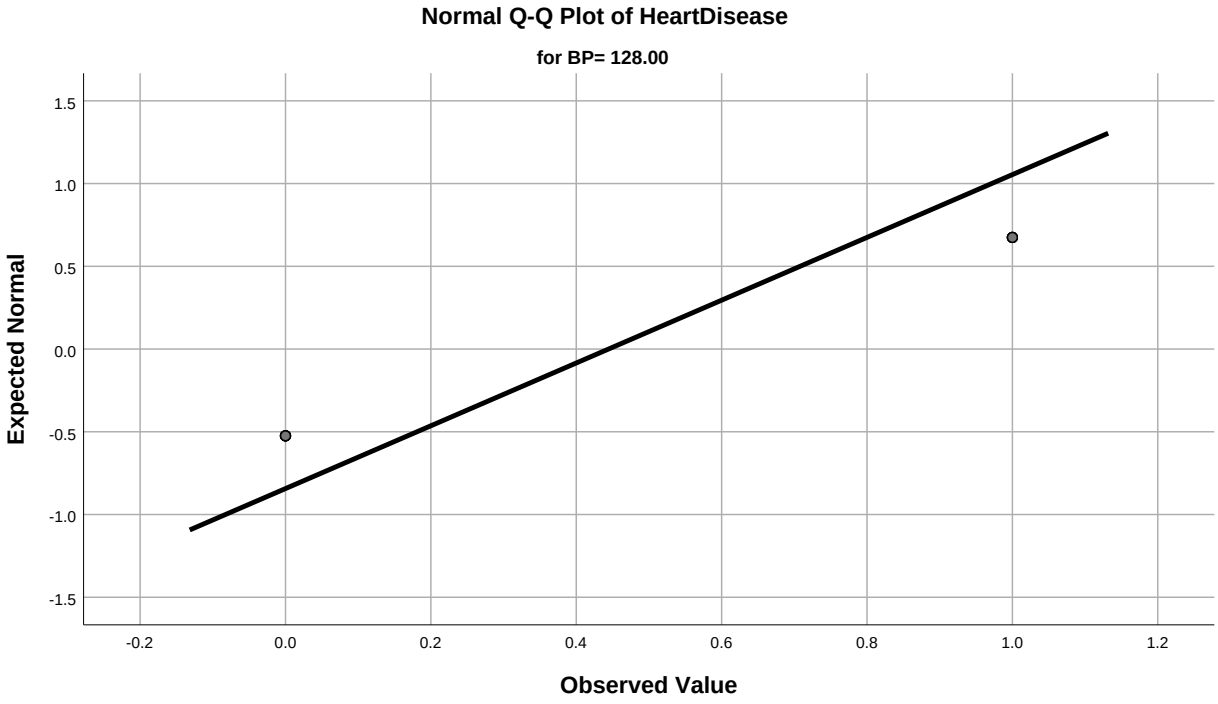

Normal Q-Q Plot of HeartDisease
for BP= 120.00
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

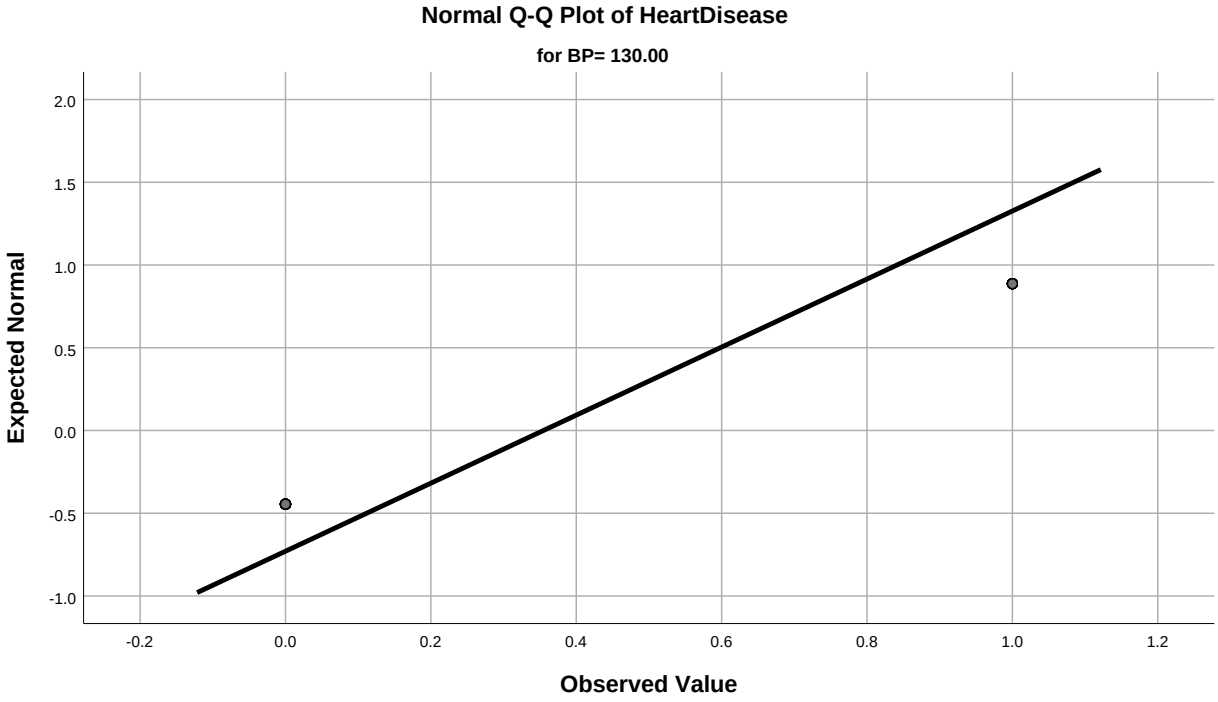

Normal Q-Q Plot of HeartDisease
for BP= 122.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

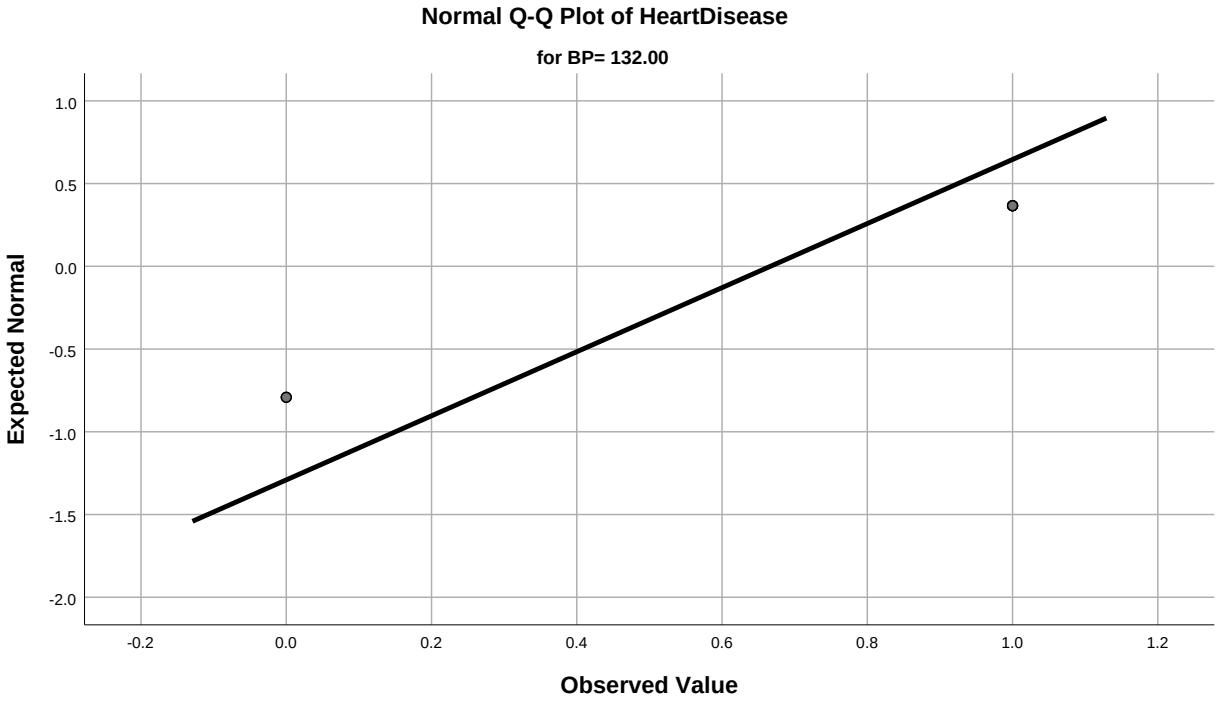

Normal Q-Q Plot of HeartDisease
for BP= 124.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

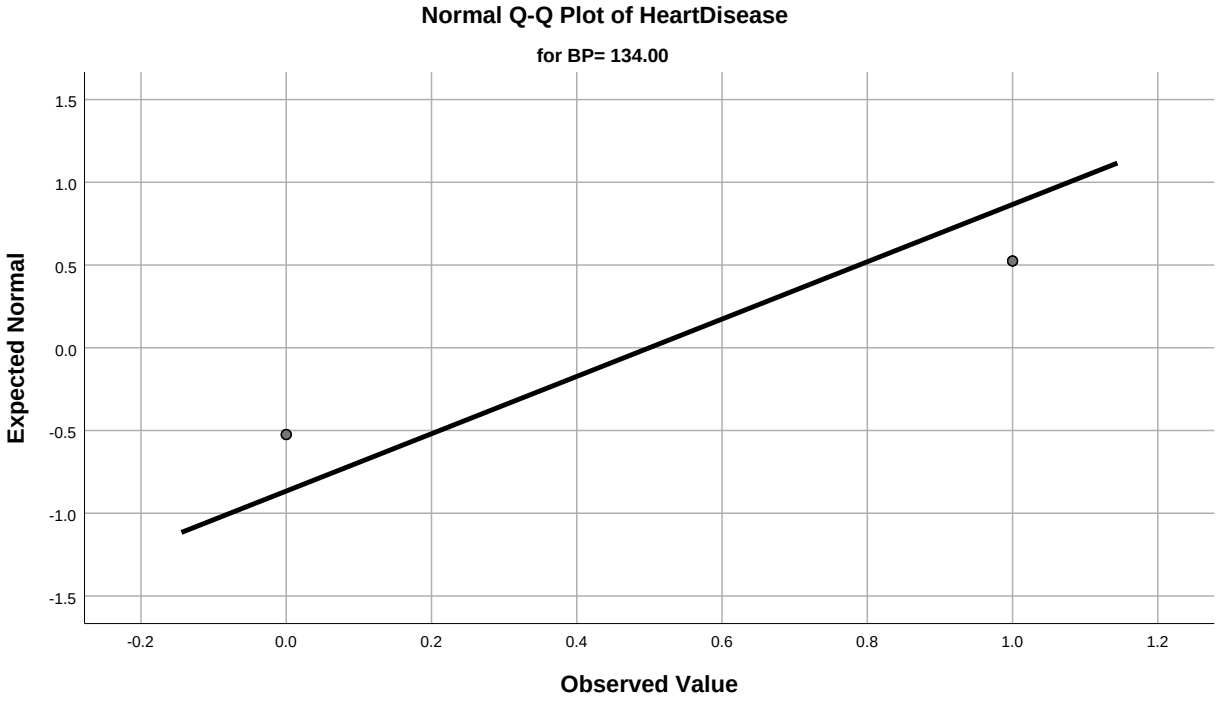

Normal Q-Q Plot of HeartDisease
for BP= 125.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

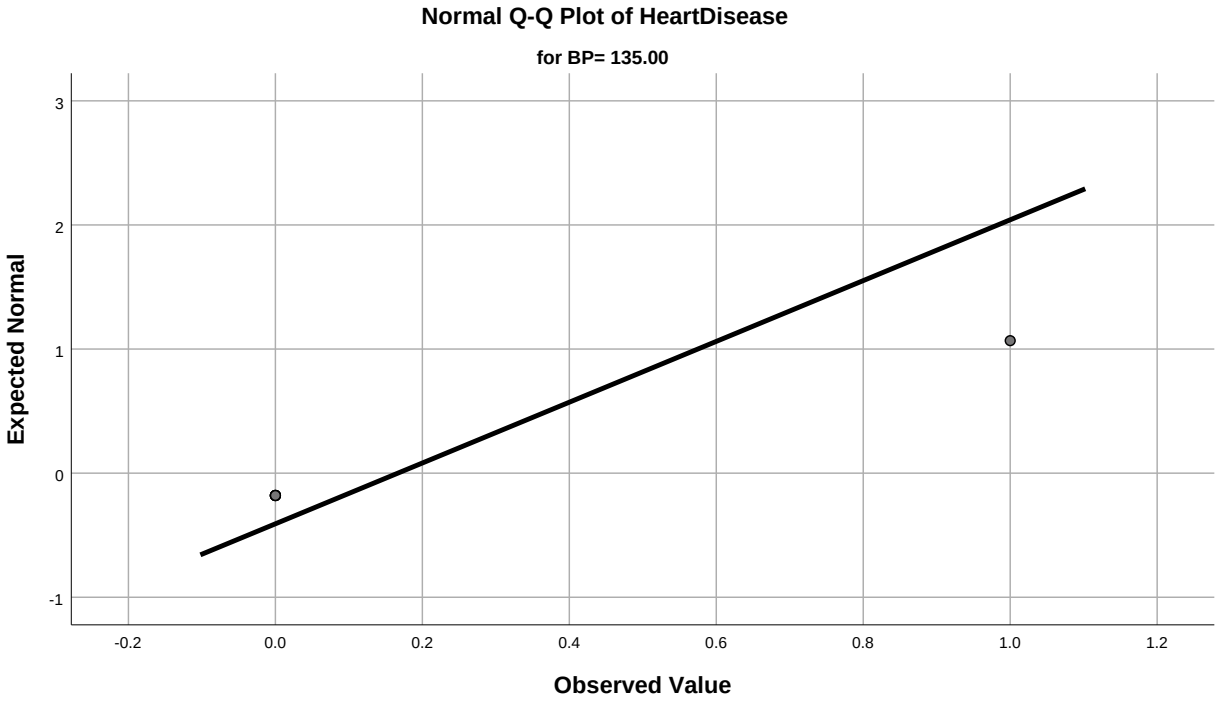

Normal Q-Q Plot of HeartDisease
for BP= 126.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

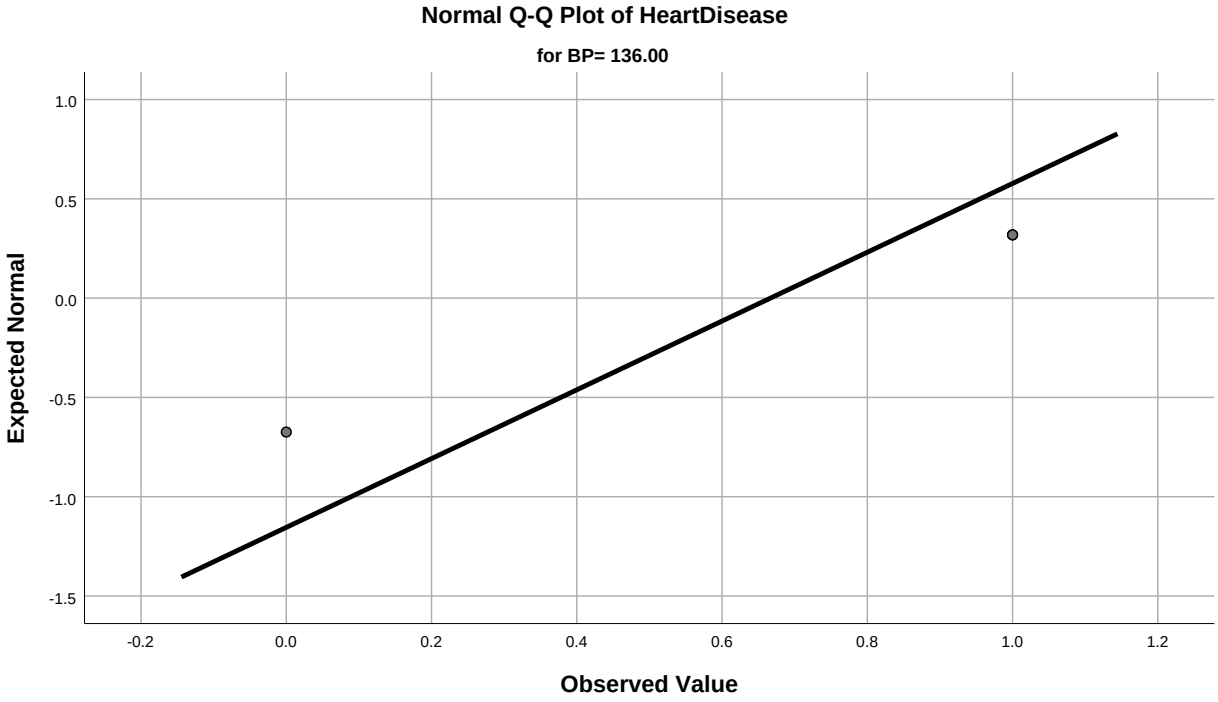

Normal Q-Q Plot of HeartDisease
for BP= 128.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

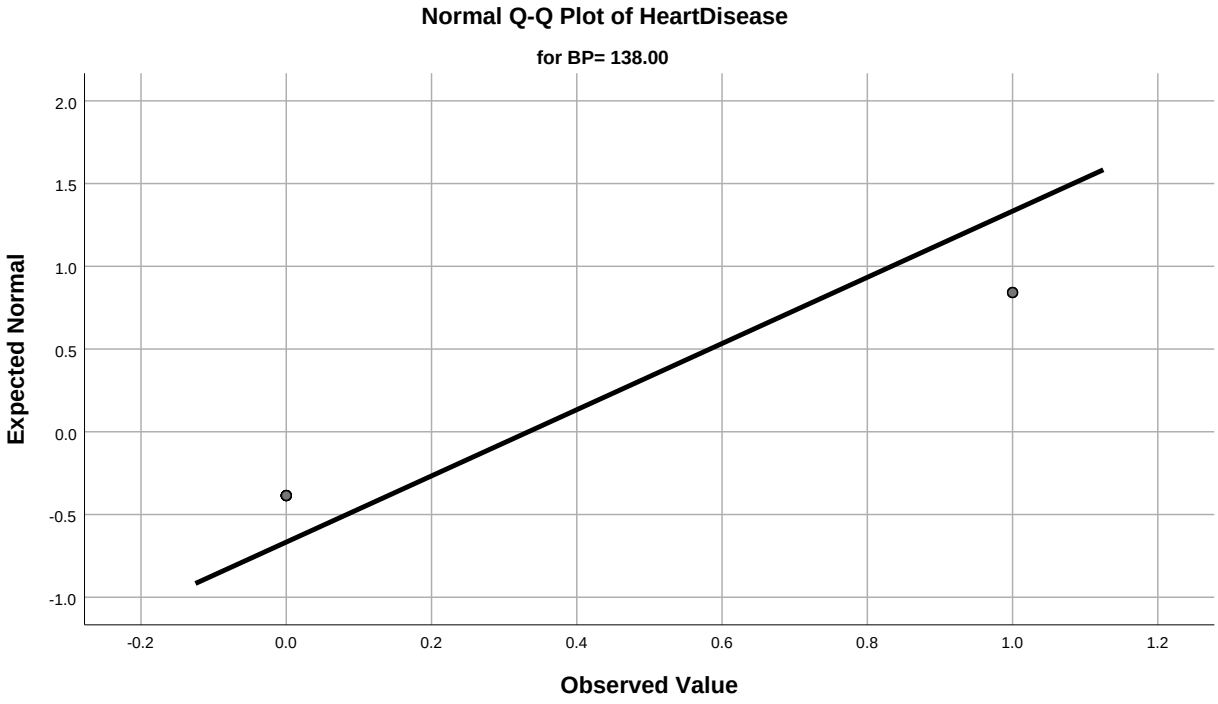

Normal Q-Q Plot of HeartDisease
for BP= 130.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

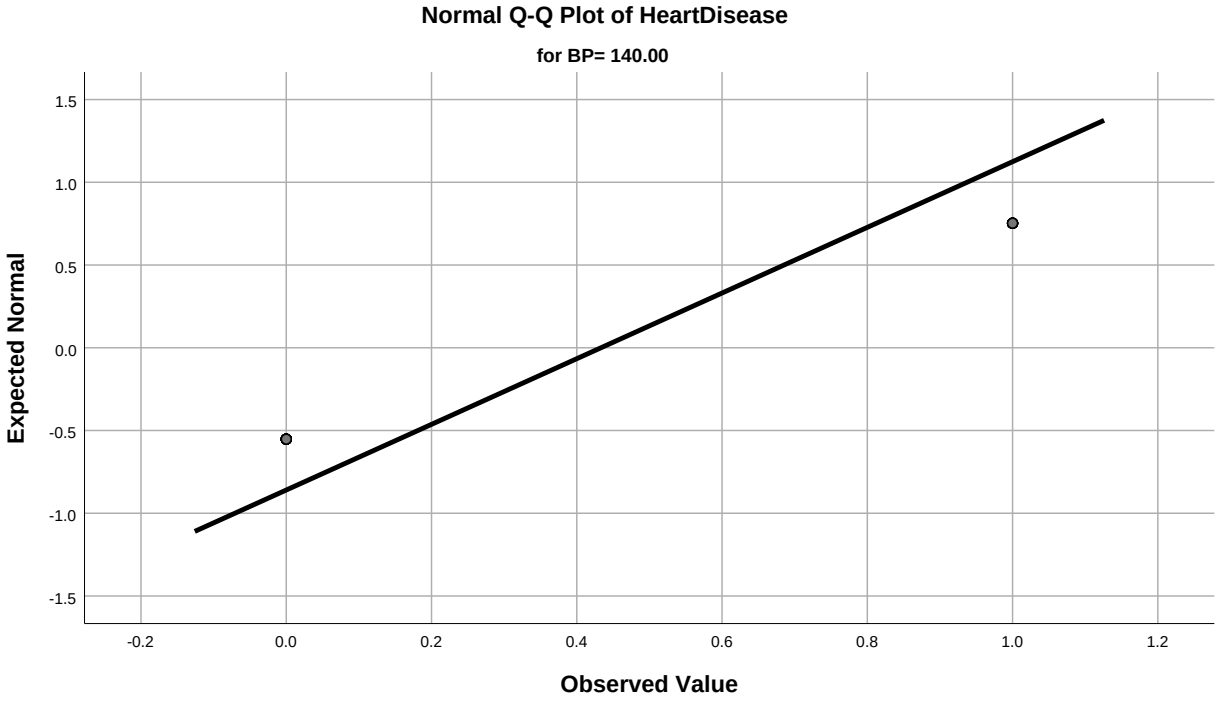

Normal Q-Q Plot of HeartDisease
for BP= 132.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

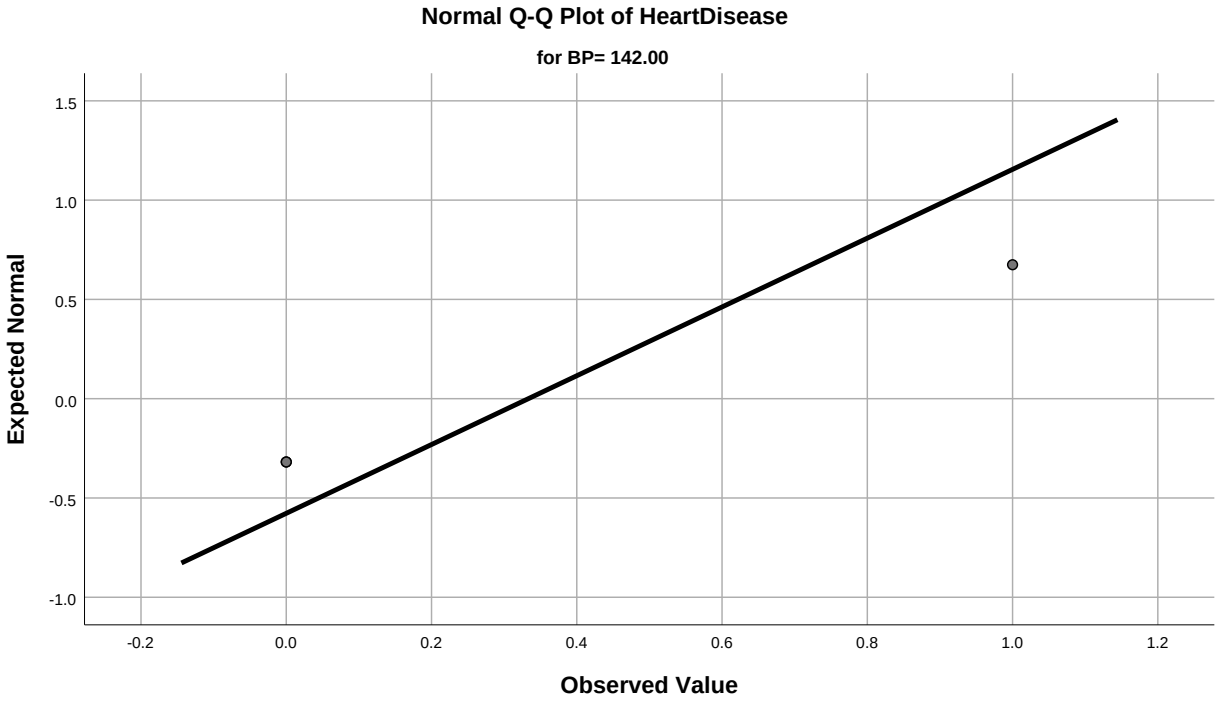

Normal Q-Q Plot of HeartDisease
for BP= 134.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

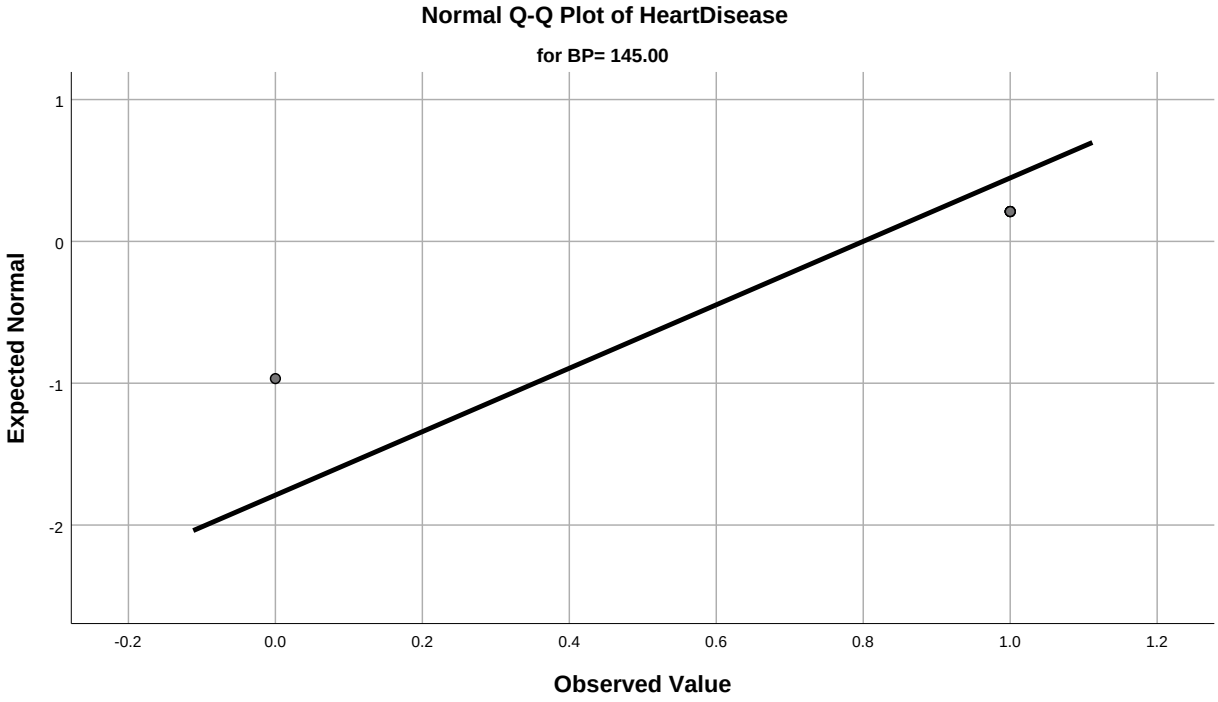

Normal Q-Q Plot of HeartDisease
for BP= 135.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

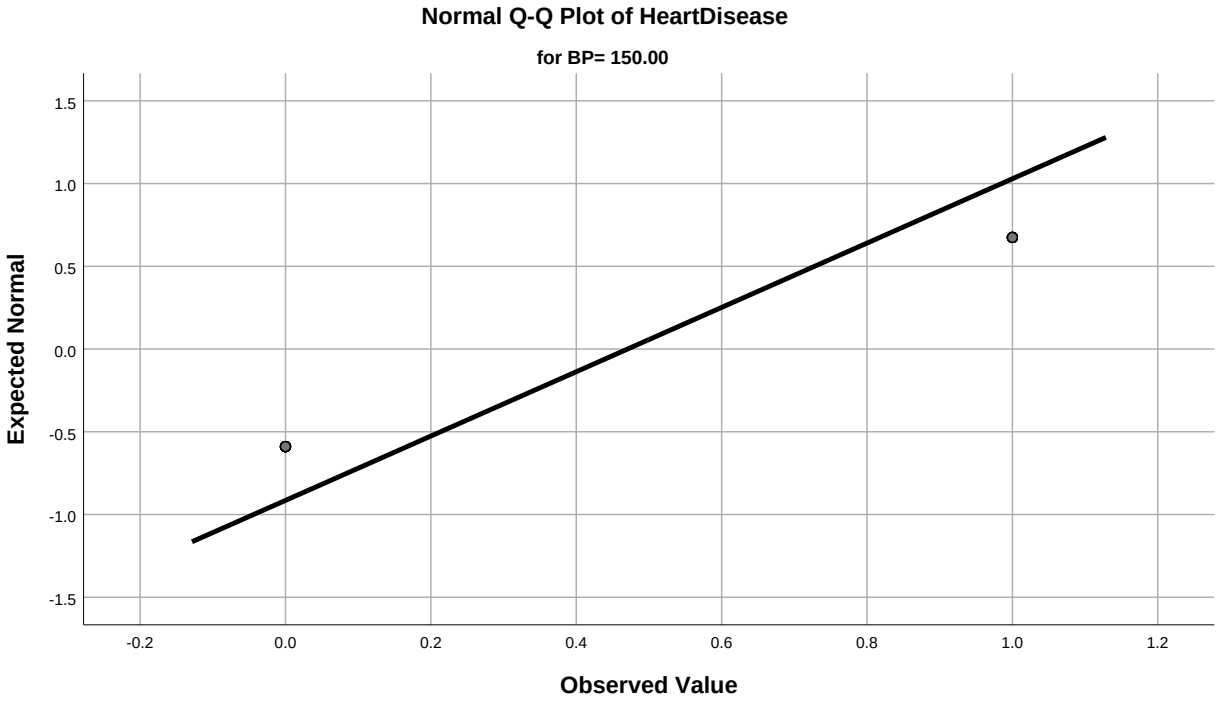

Normal Q-Q Plot of HeartDisease
for BP= 136.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

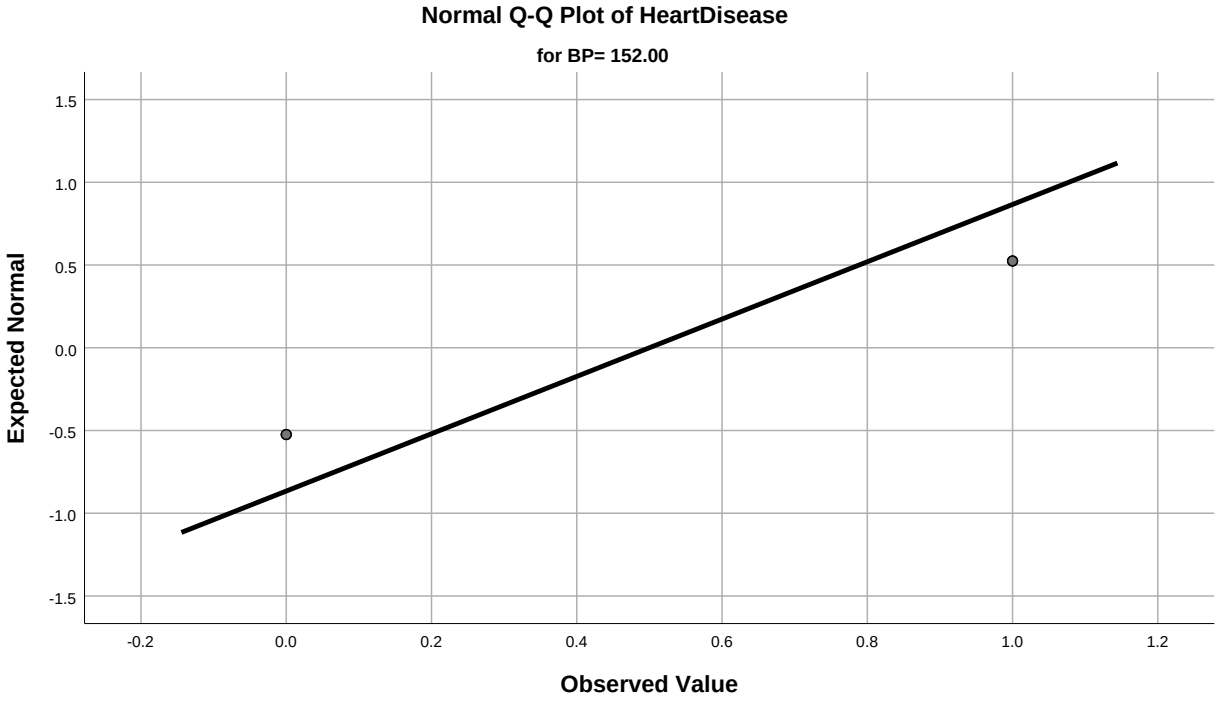

Normal Q-Q Plot of HeartDisease
for BP= 138.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

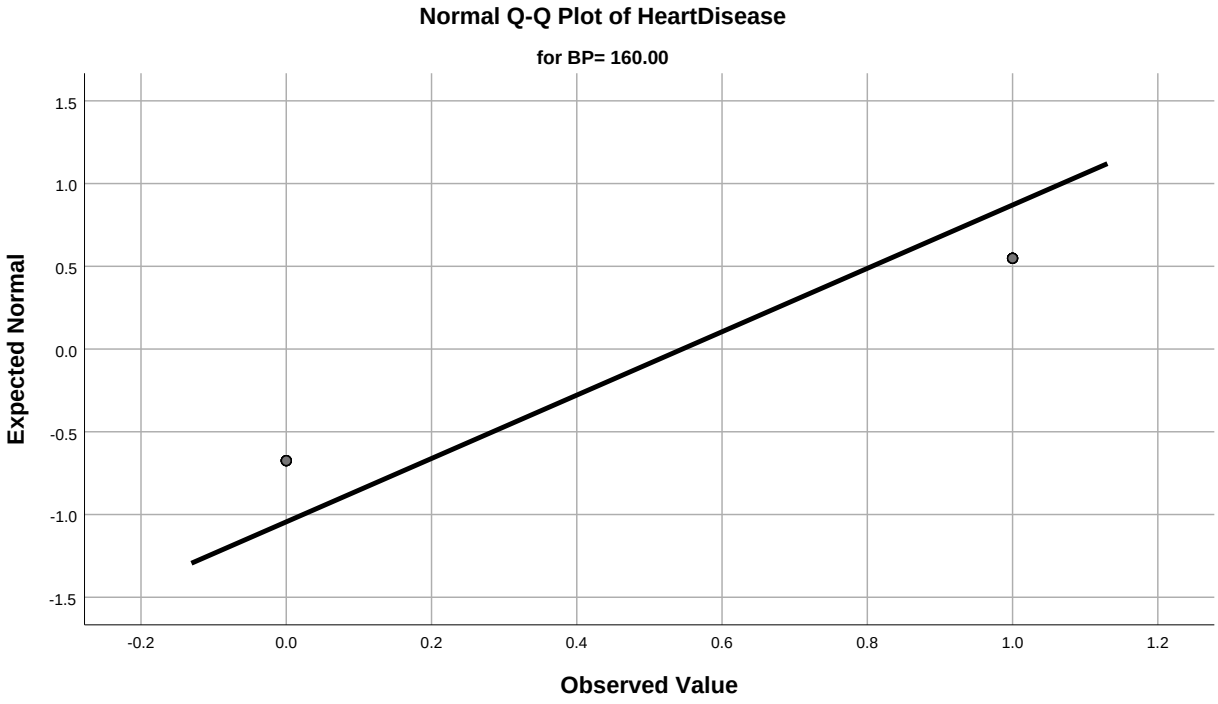

Normal Q-Q Plot of HeartDisease
for BP= 140.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

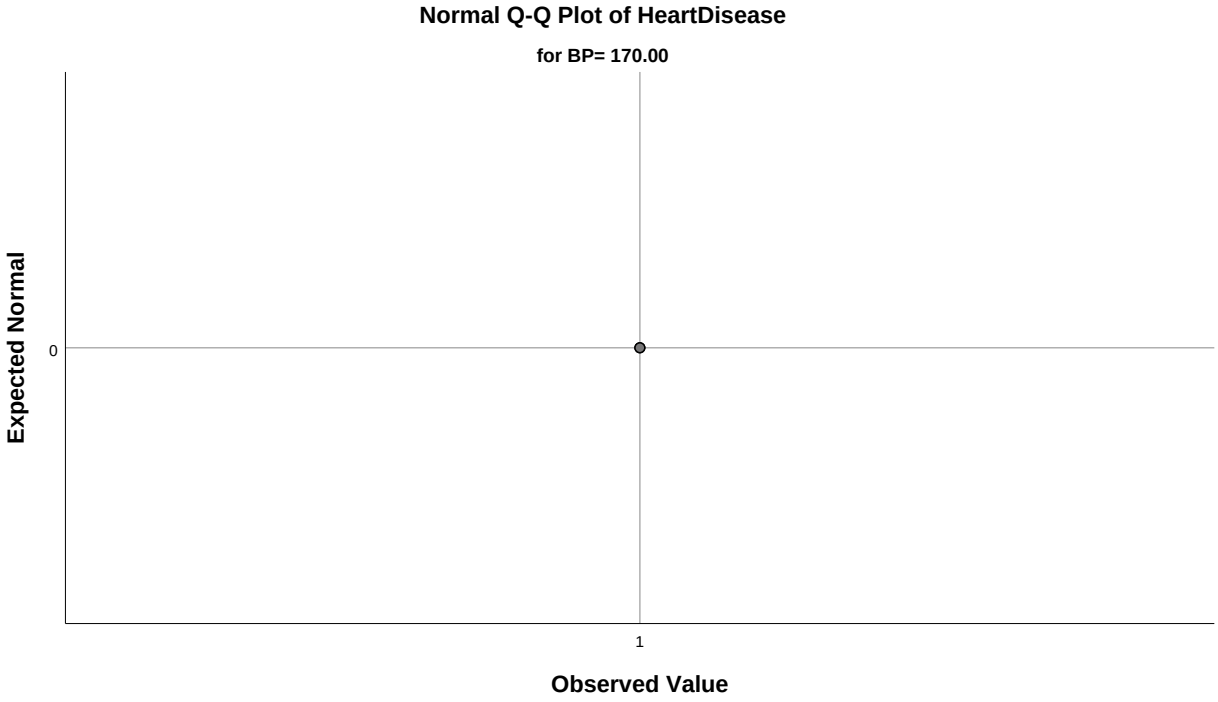

Normal Q-Q Plot of HeartDisease
for BP= 142.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

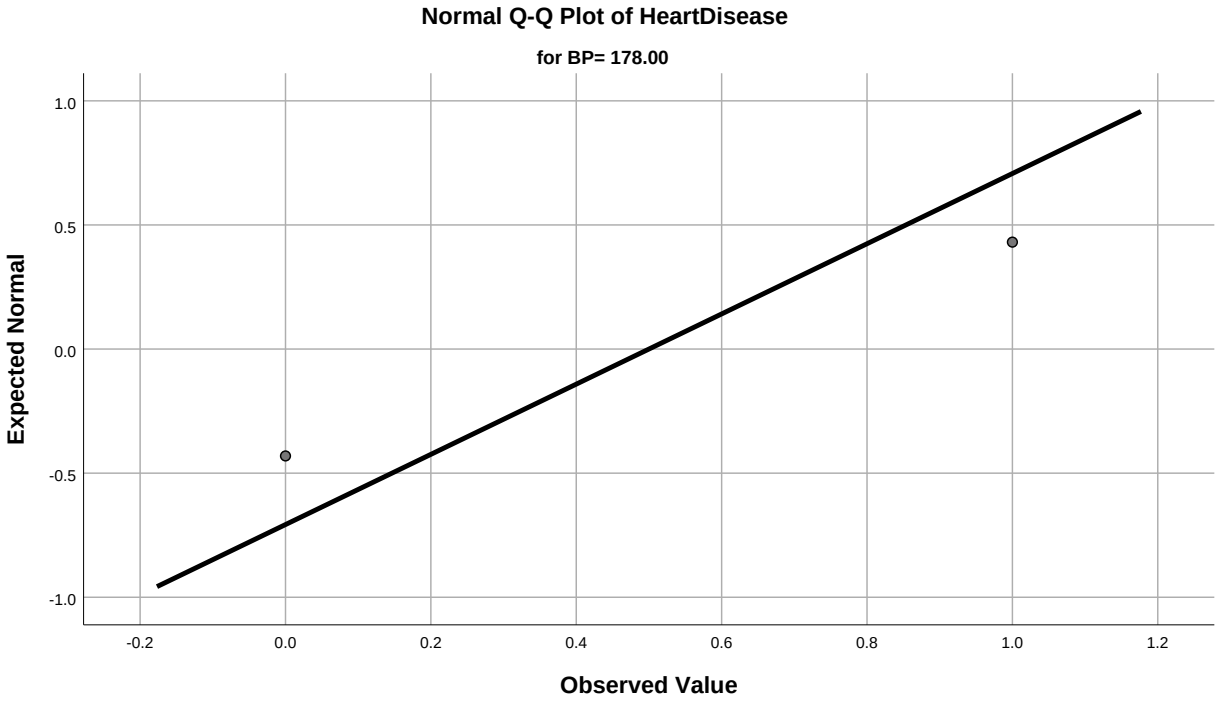

Normal Q-Q Plot of HeartDisease
for BP= 145.00
Expected Normal
1
0
-1
-2
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

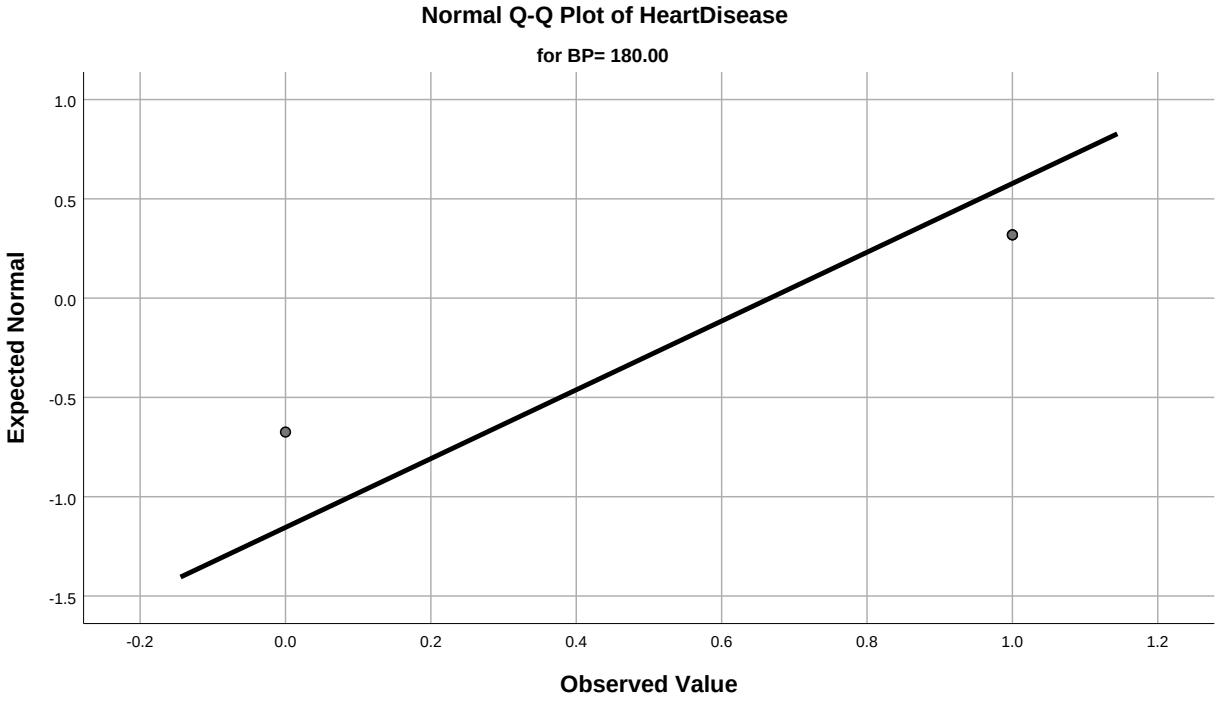

Normal Q-Q Plot of HeartDisease
for BP= 150.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for BP= 152.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

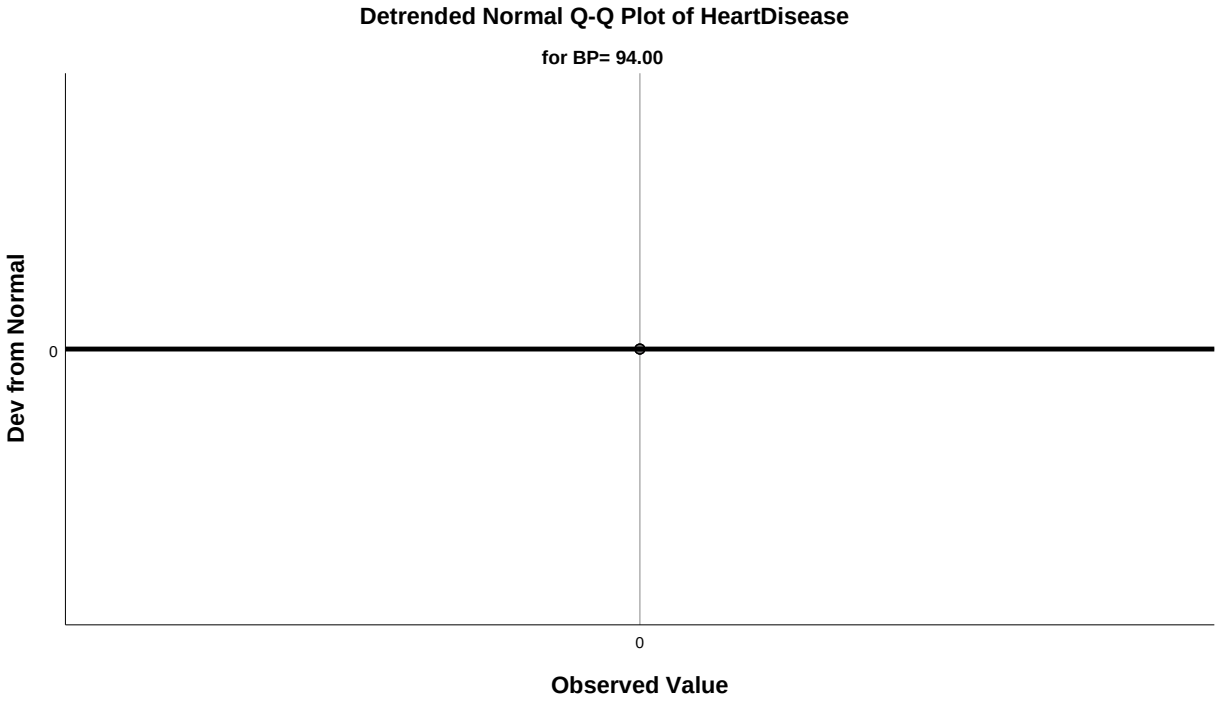

Normal Q-Q Plot of HeartDisease
for BP= 160.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

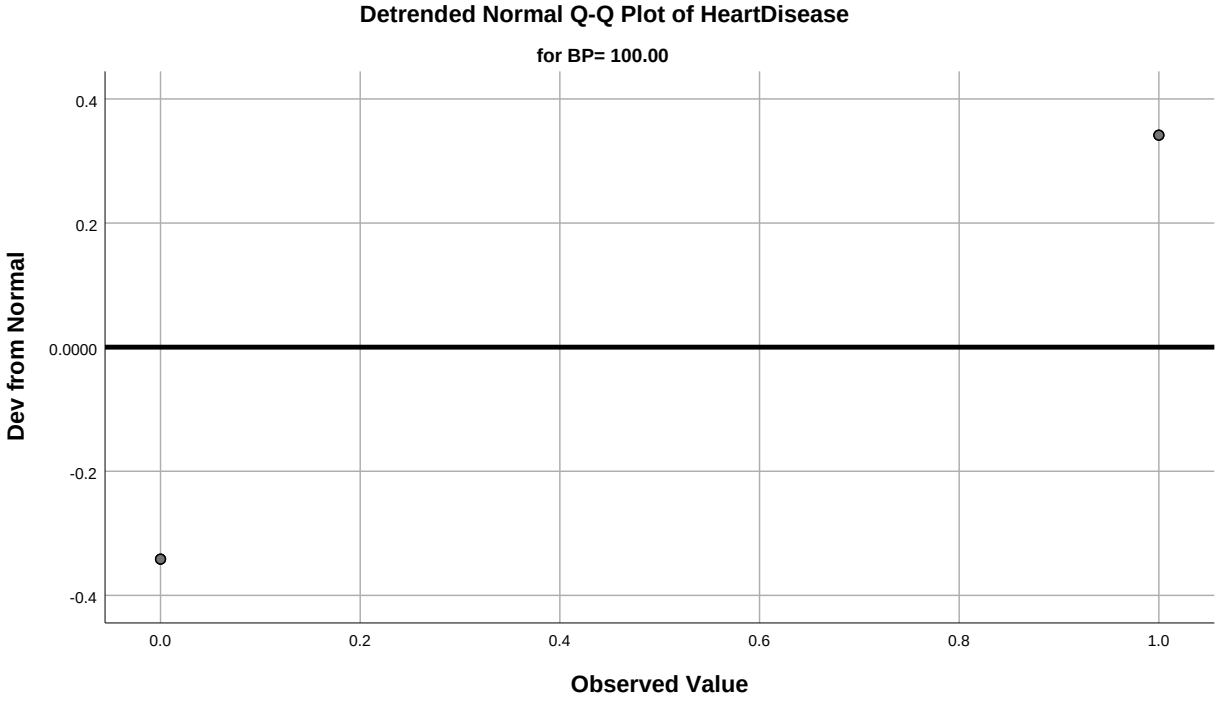

Normal Q-Q Plot of HeartDisease
for BP= 170.00
Expected Normal
0
1
Observed Value

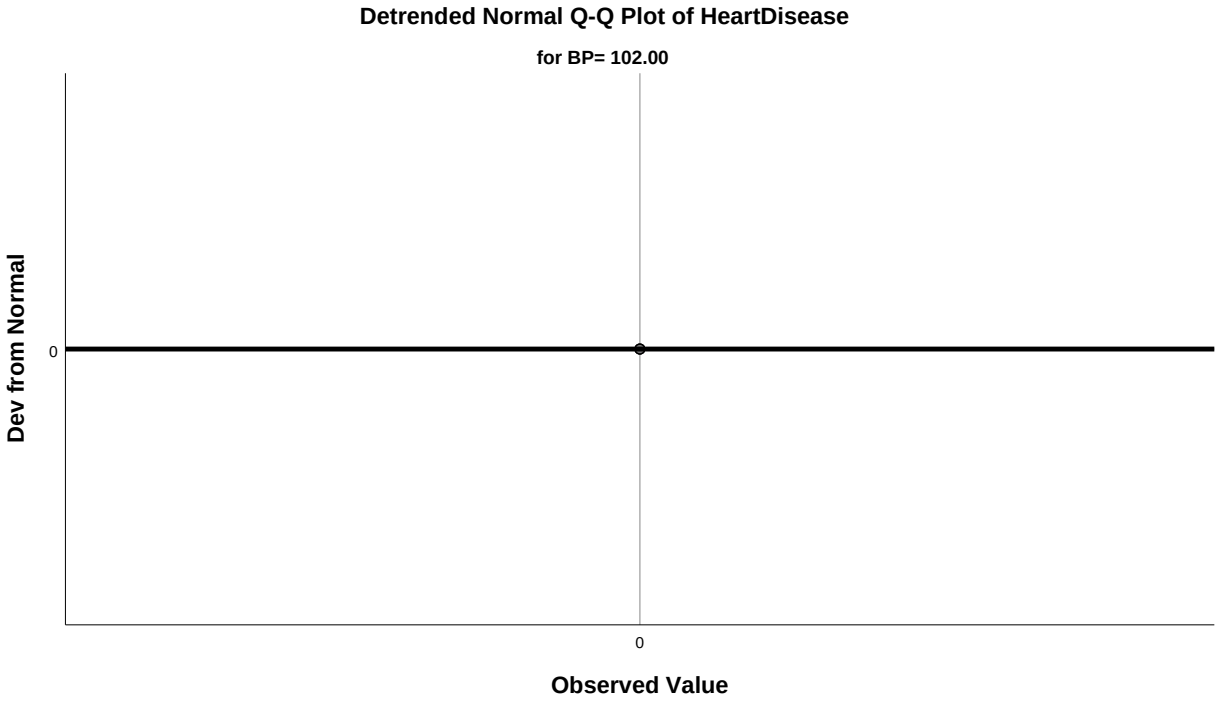


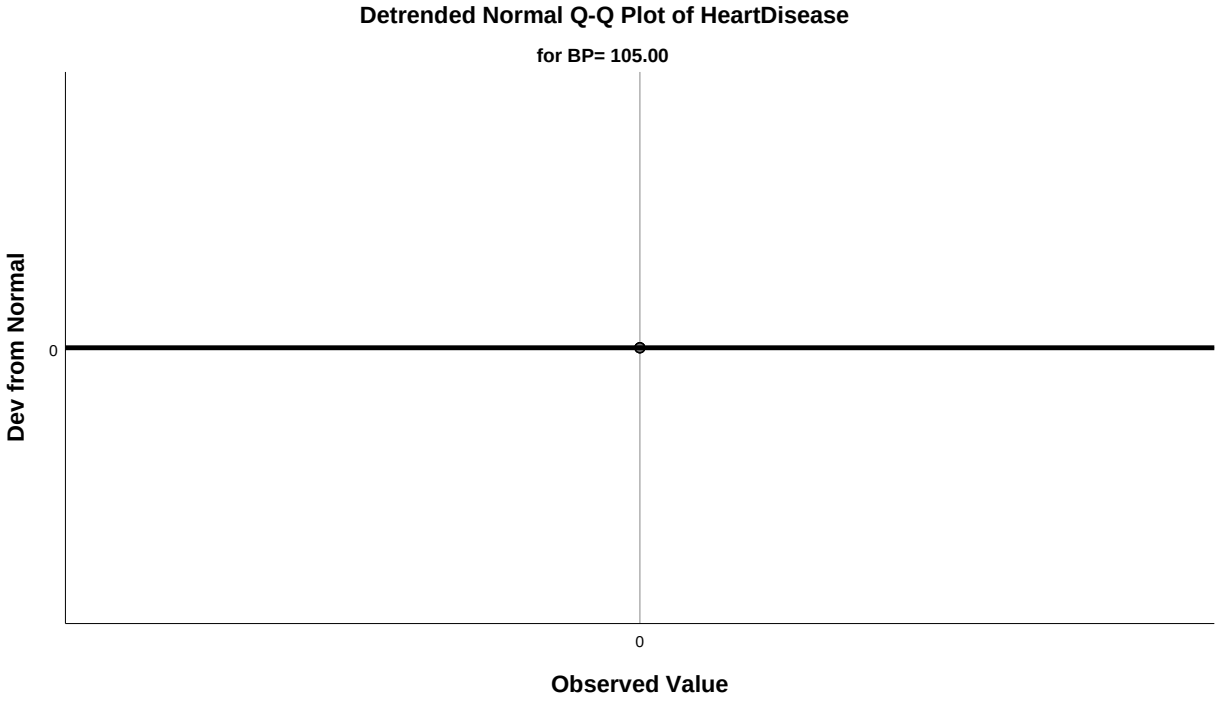


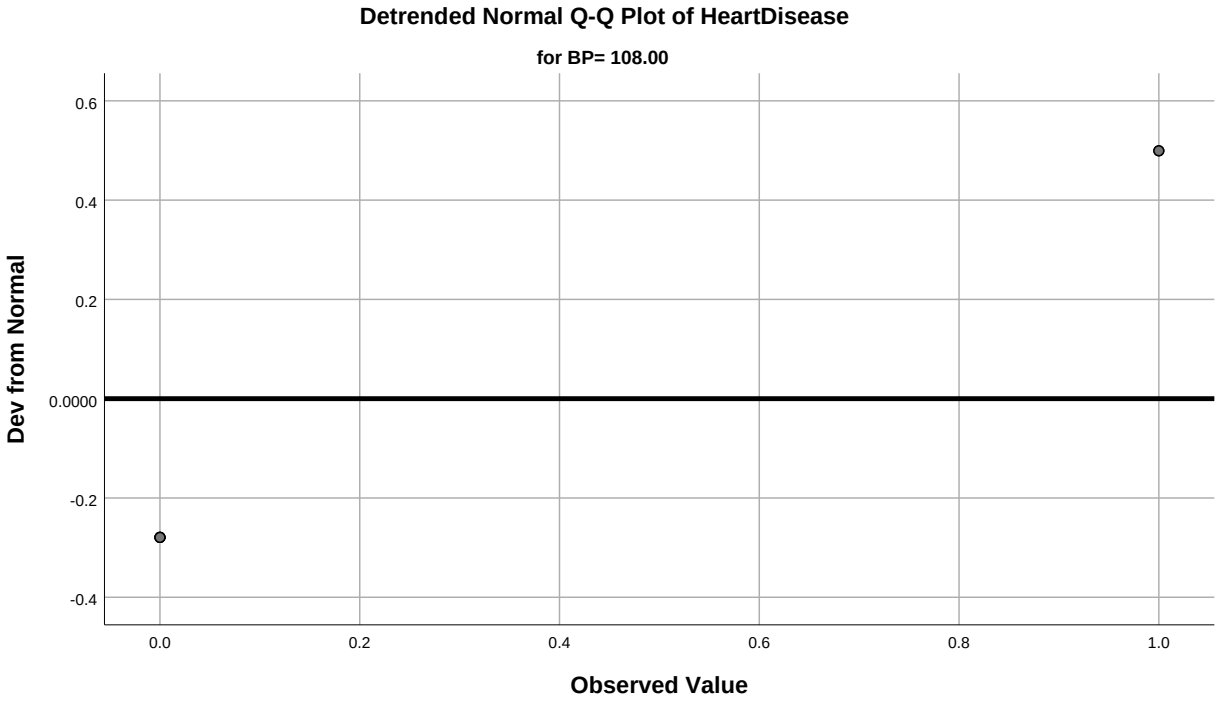
Detrended Normal Q-Q Plots

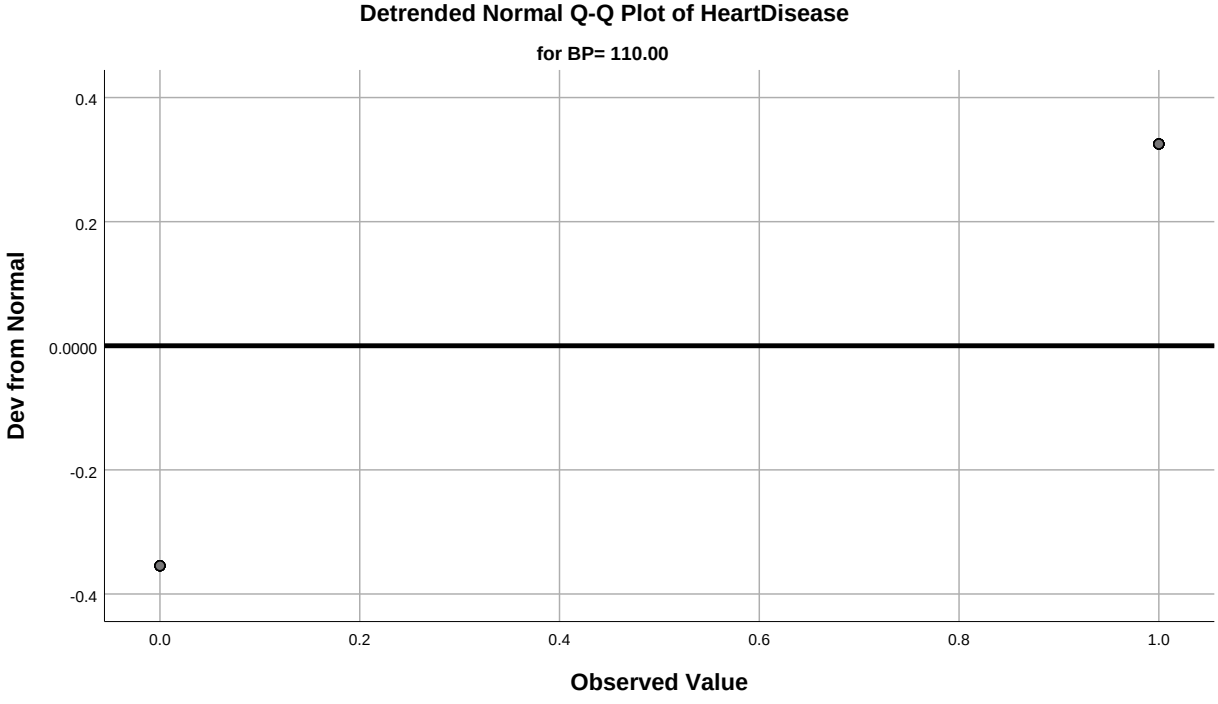

Detrended Normal Q-Q Plot of HeartDisease
for BP= 94.00
Dev from Normal
0
0
Observed Value

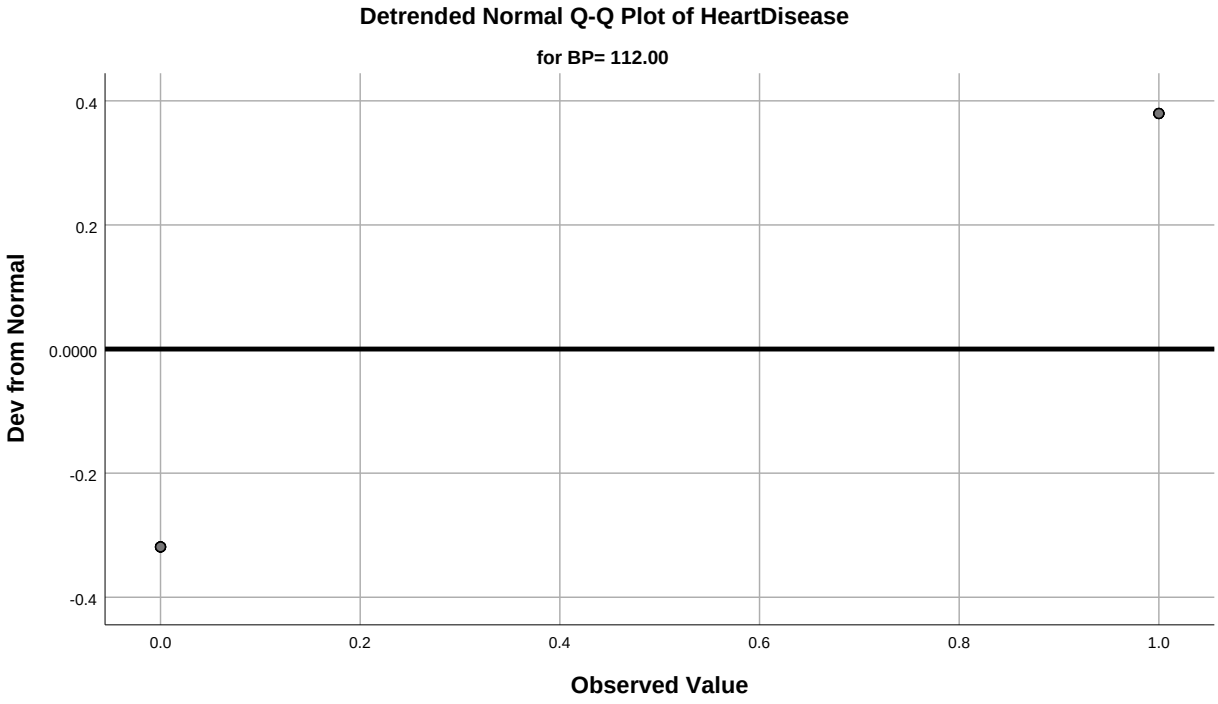

Detrended Normal Q-Q Plot of HeartDisease
for BP= 100.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

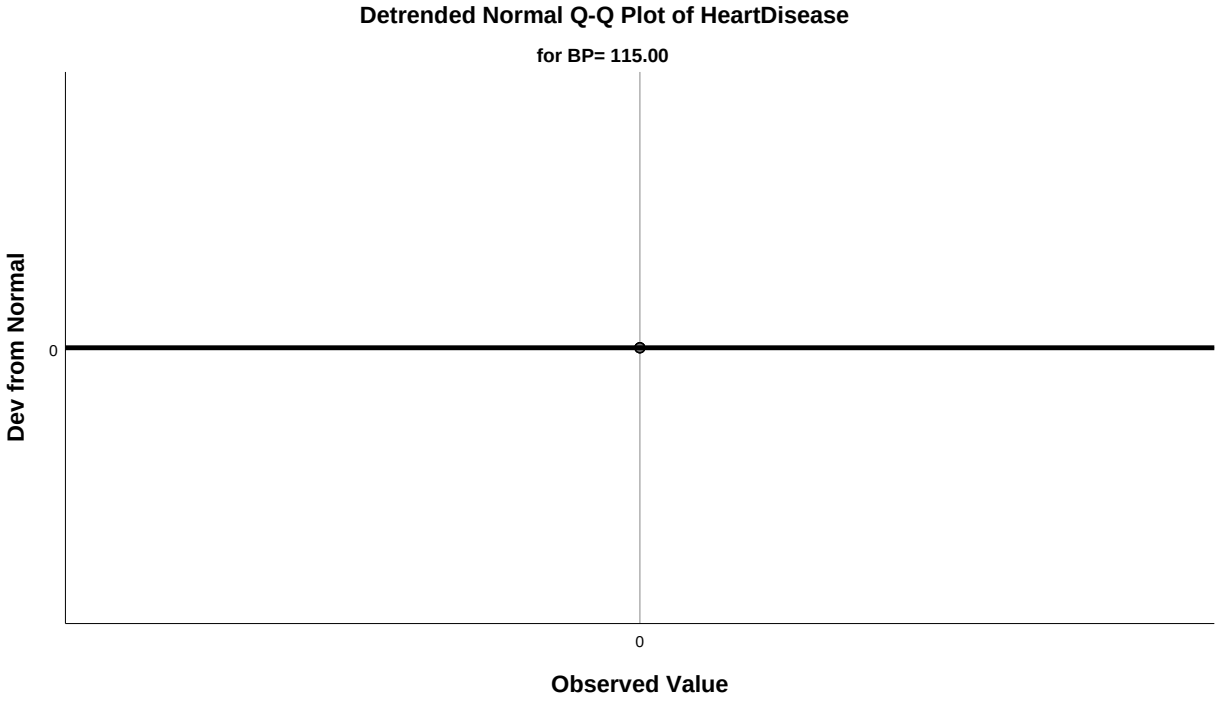

Detrended Normal Q-Q Plot of HeartDisease
for BP= 102.00
Dev from Normal
0
0
Observed Value

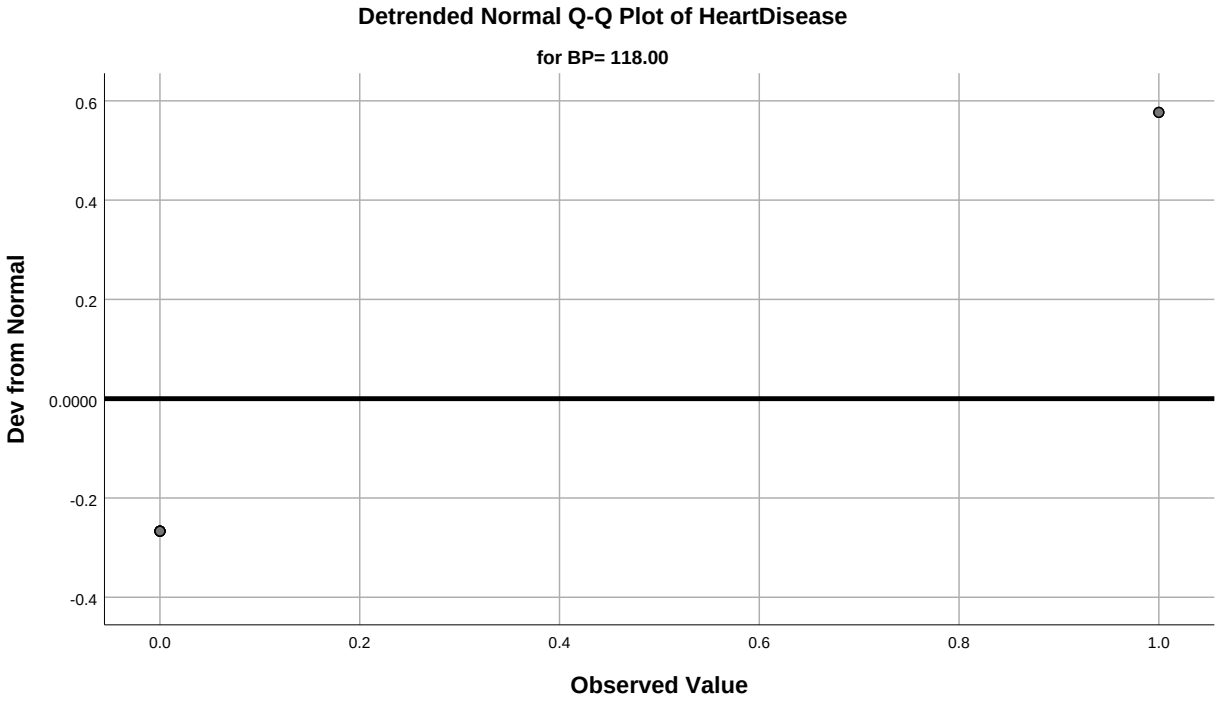

Detrended Normal Q-Q Plot of HeartDisease
for BP= 105.00
Dev from Normal
0
0
Observed Value

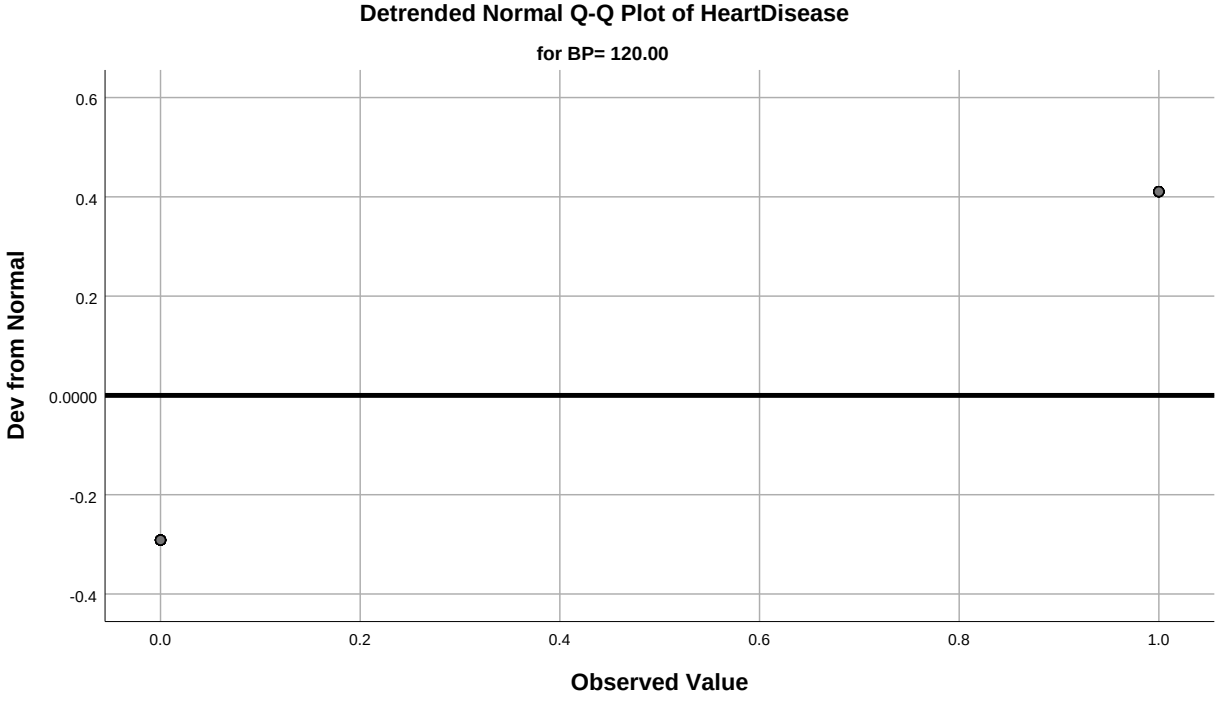

Detrended Normal Q-Q Plot of HeartDisease
for BP= 108.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

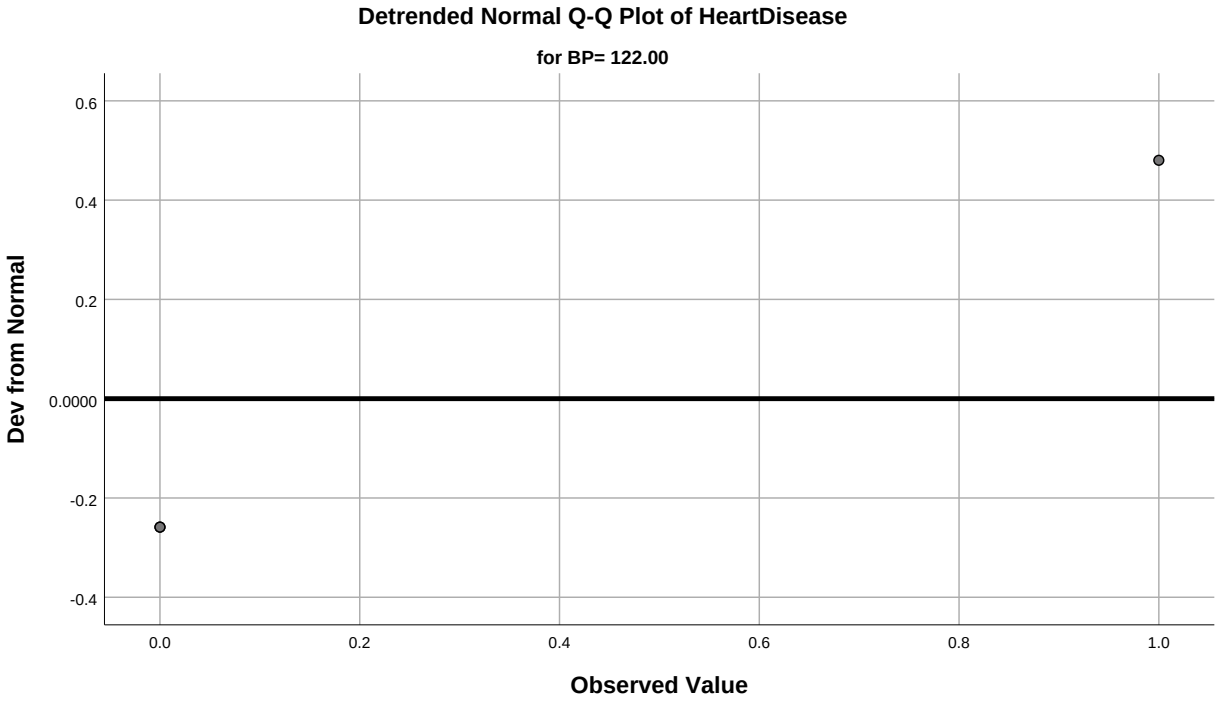

Detrended Normal Q-Q Plot of HeartDisease
for BP= 110.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

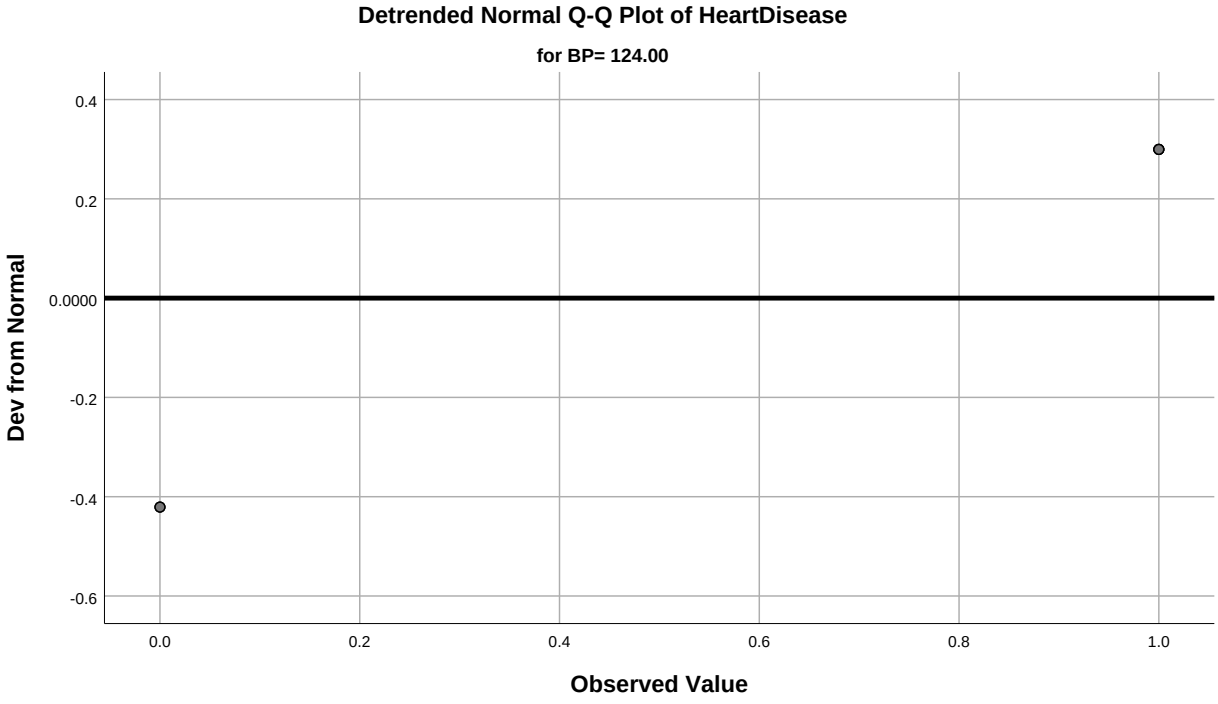

Detrended Normal Q-Q Plot of HeartDisease
for BP= 112.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

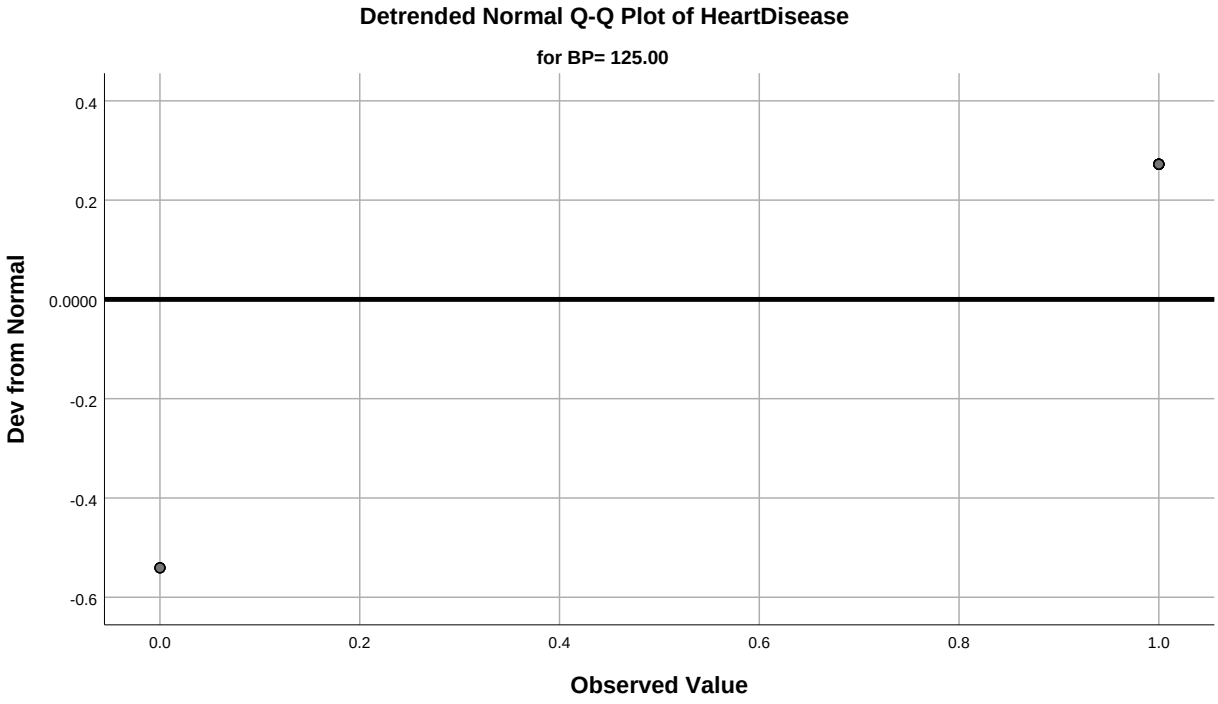

Detrended Normal Q-Q Plot of HeartDisease
for BP= 115.00
Dev from Normal
0
0
Observed Value

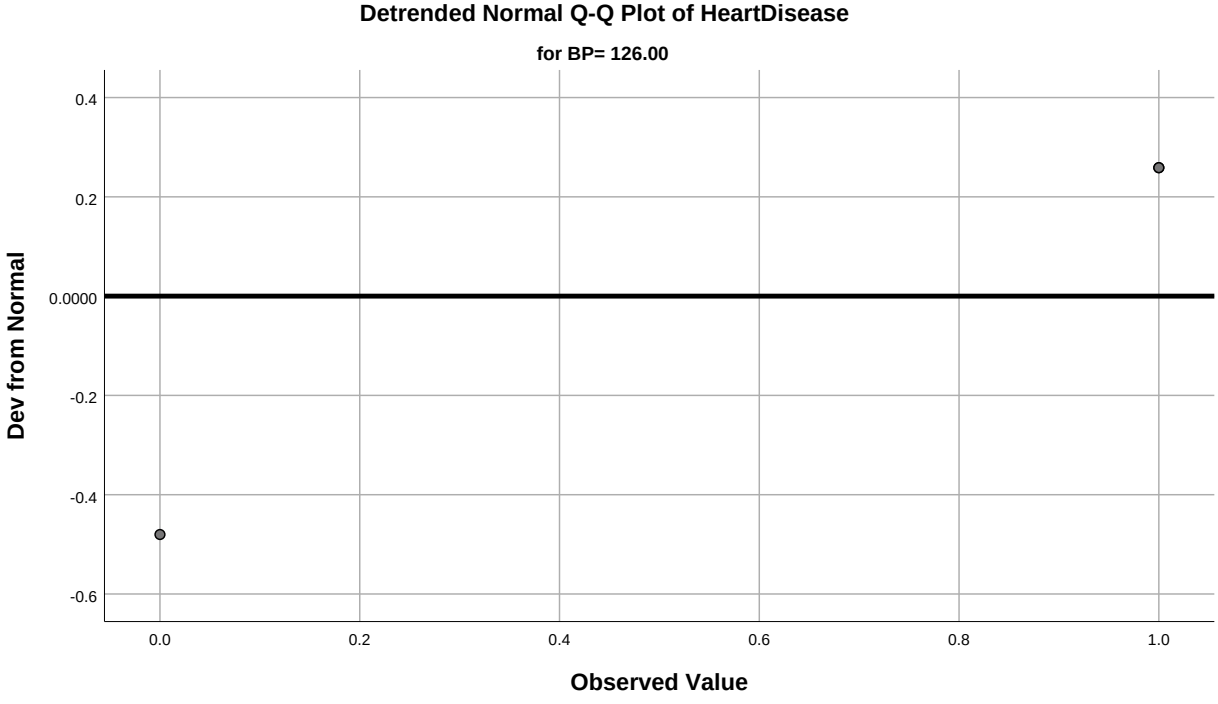

Detrended Normal Q-Q Plot of HeartDisease
for BP= 118.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

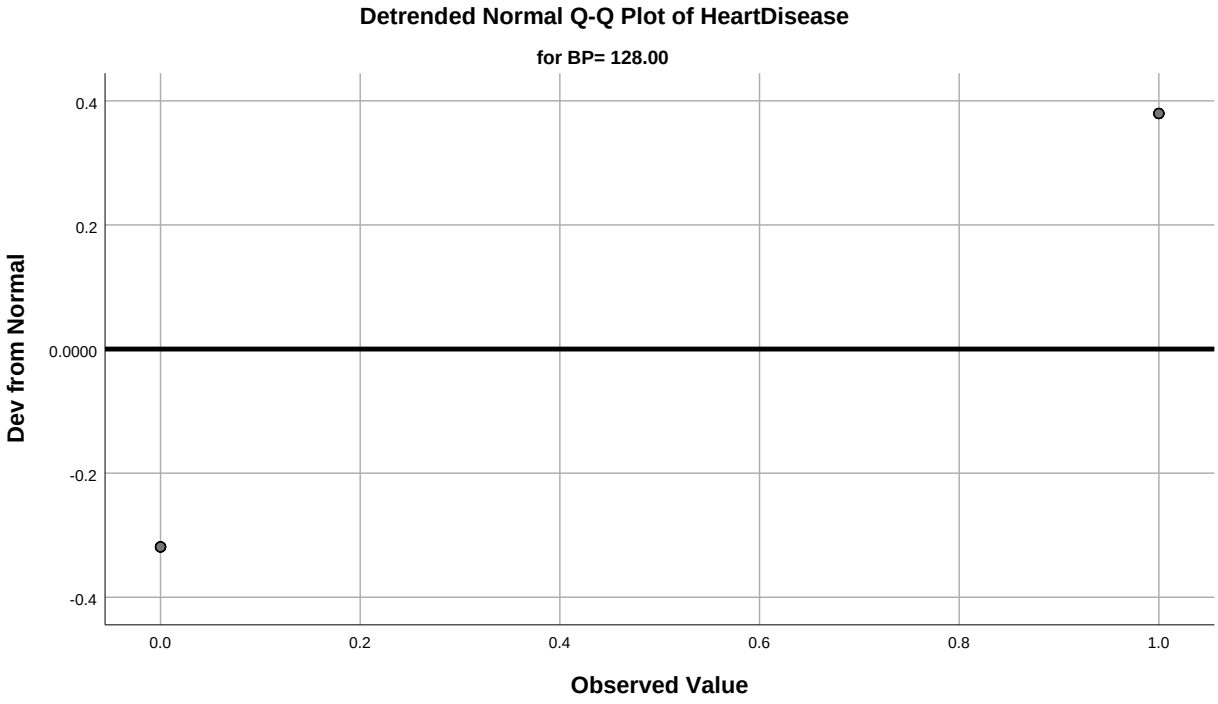

Detrended Normal Q-Q Plot of HeartDisease
for BP= 120.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

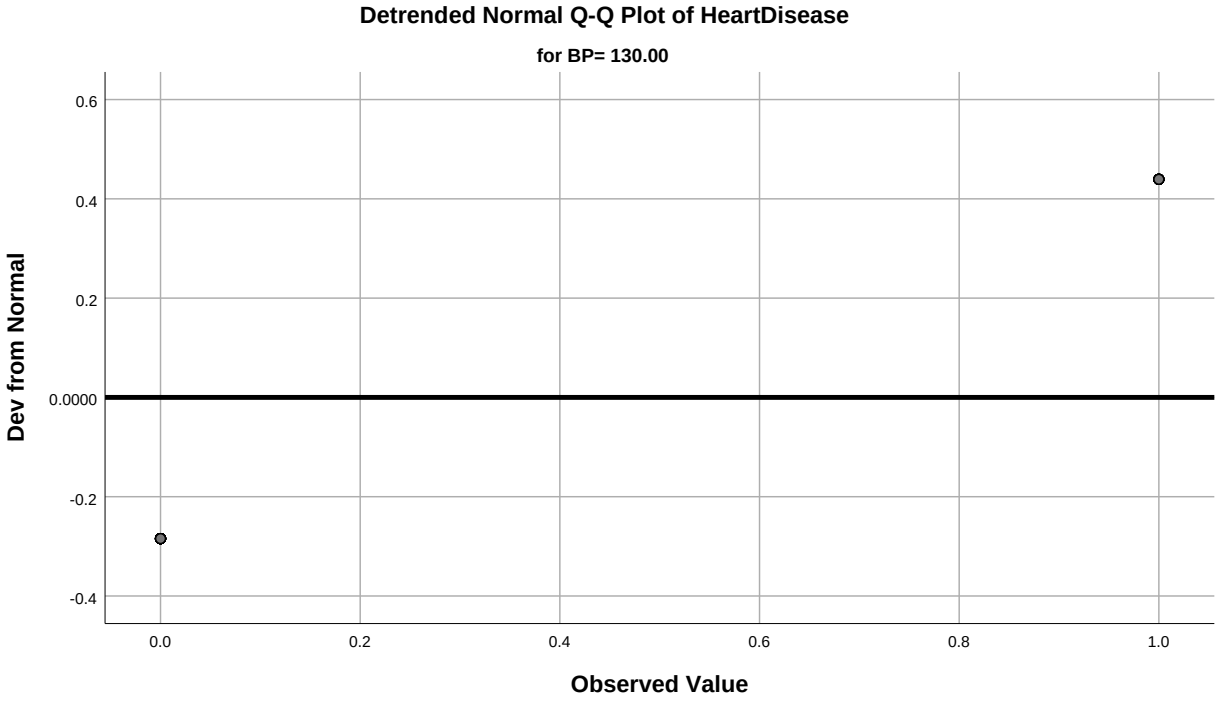

Detrended Normal Q-Q Plot of HeartDisease
for BP= 122.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

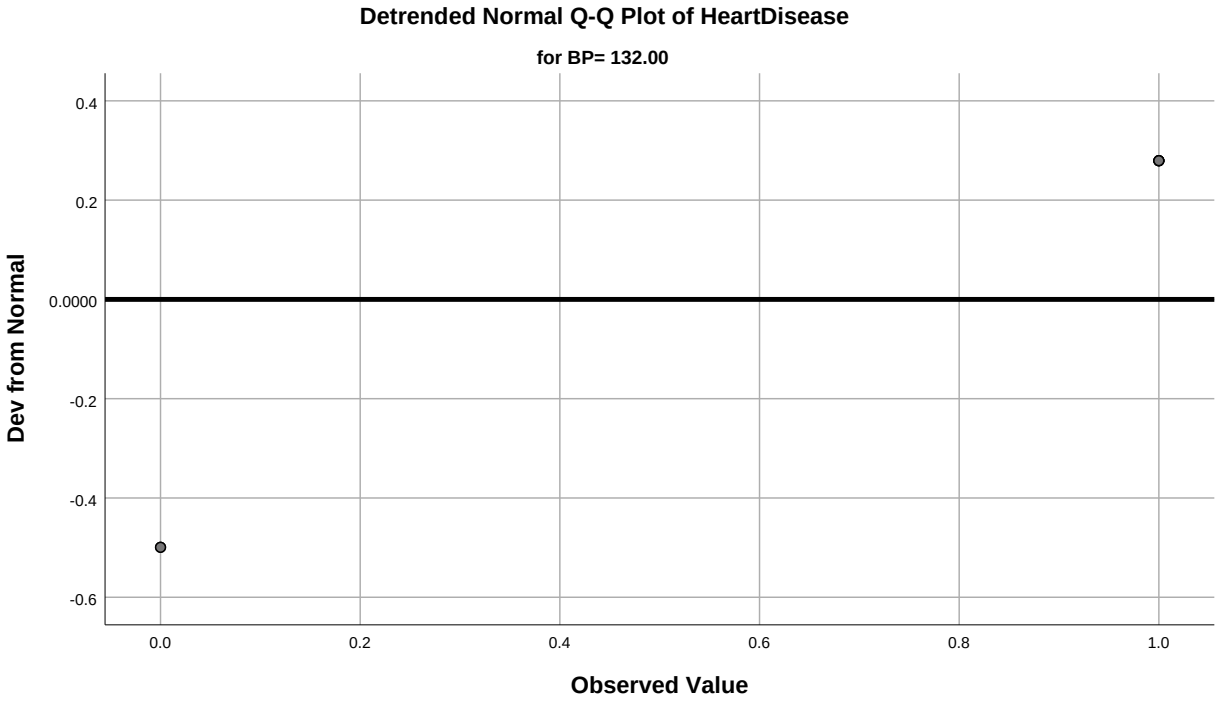

Detrended Normal Q-Q Plot of HeartDisease
for BP= 124.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

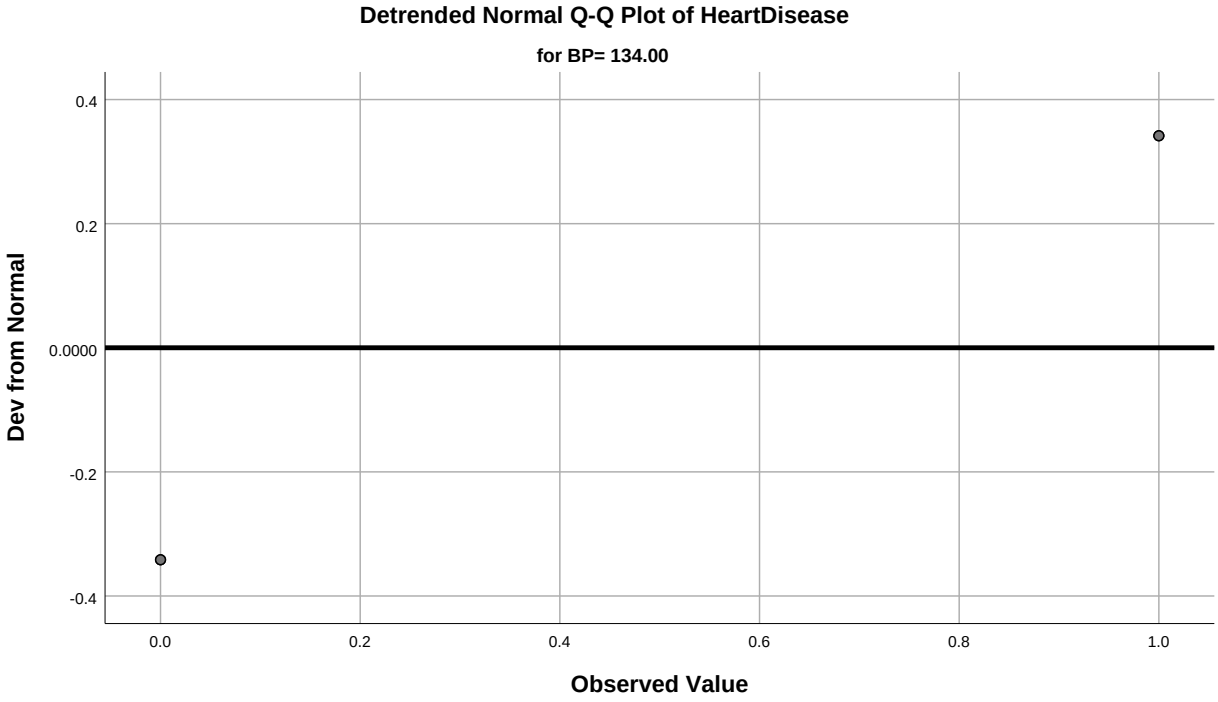

Detrended Normal Q-Q Plot of HeartDisease
for BP= 125.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

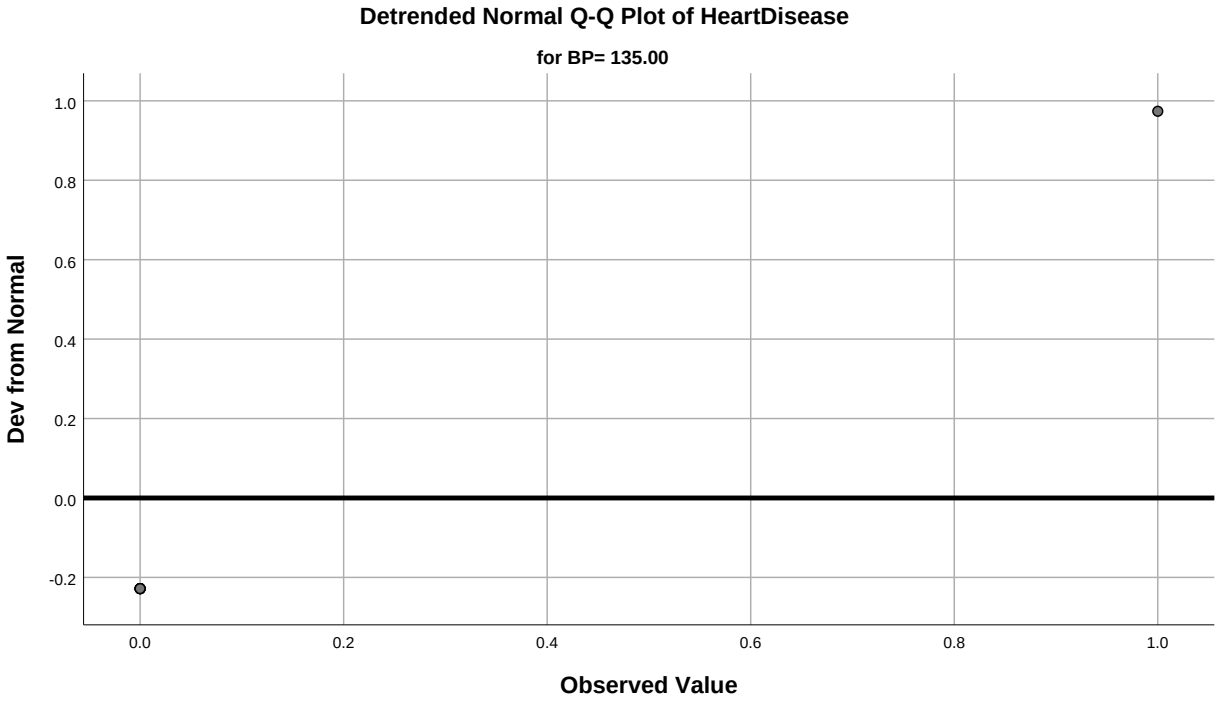

Detrended Normal Q-Q Plot of HeartDisease
for BP= 126.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

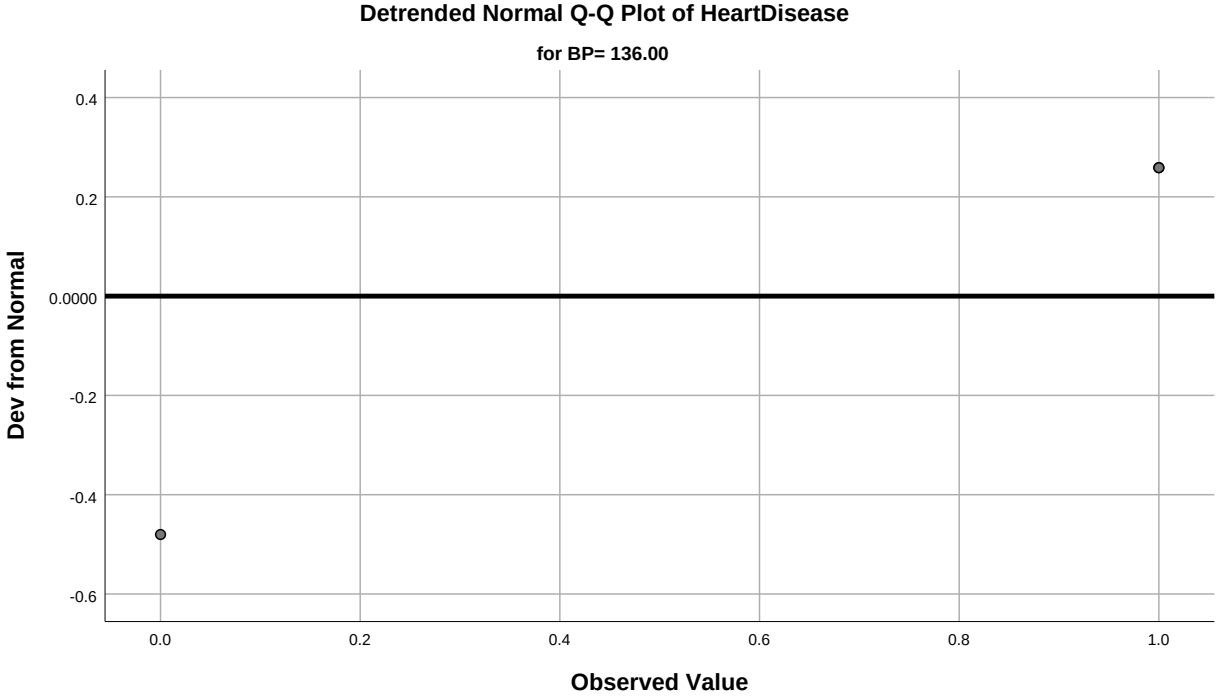

Detrended Normal Q-Q Plot of HeartDisease
for BP= 128.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

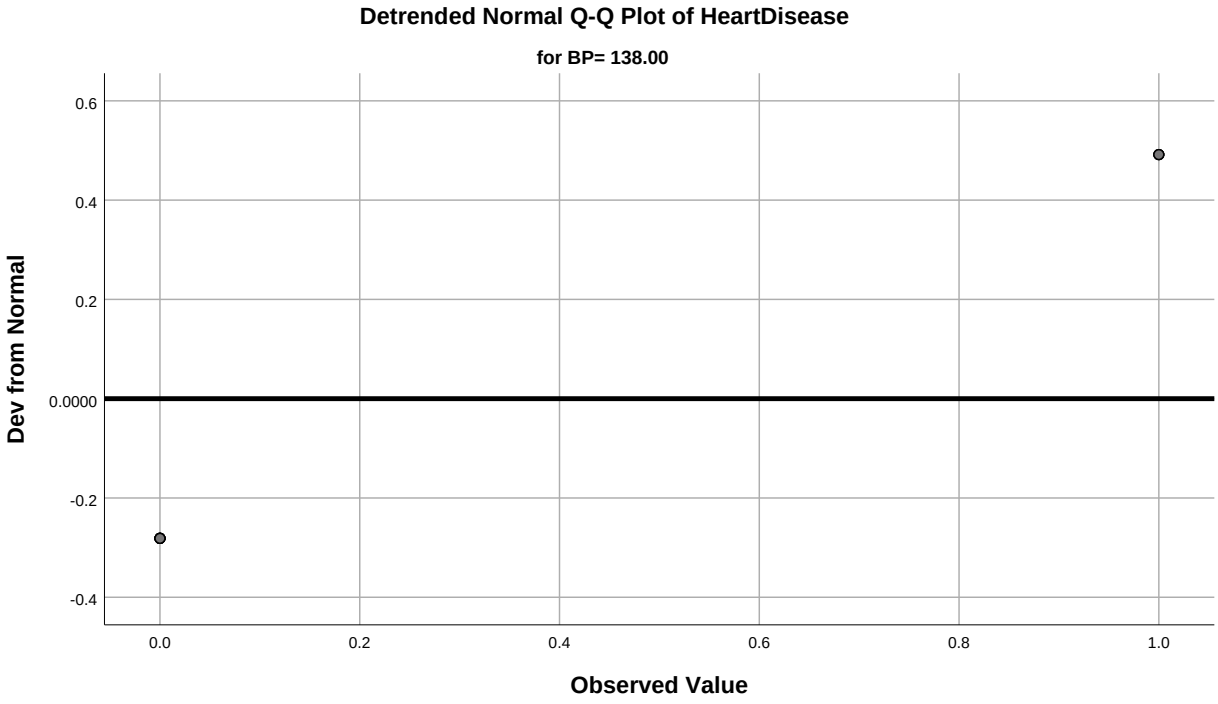

Detrended Normal Q-Q Plot of HeartDisease
for BP= 130.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

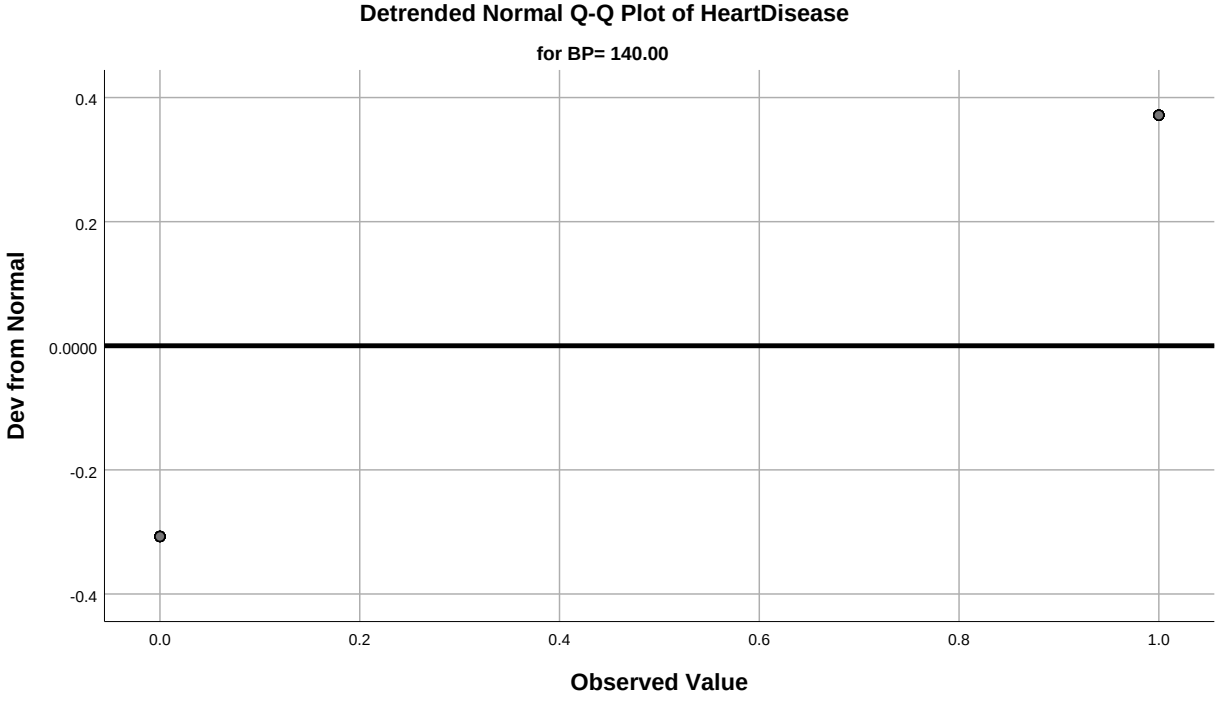

Detrended Normal Q-Q Plot of HeartDisease
for BP= 132.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

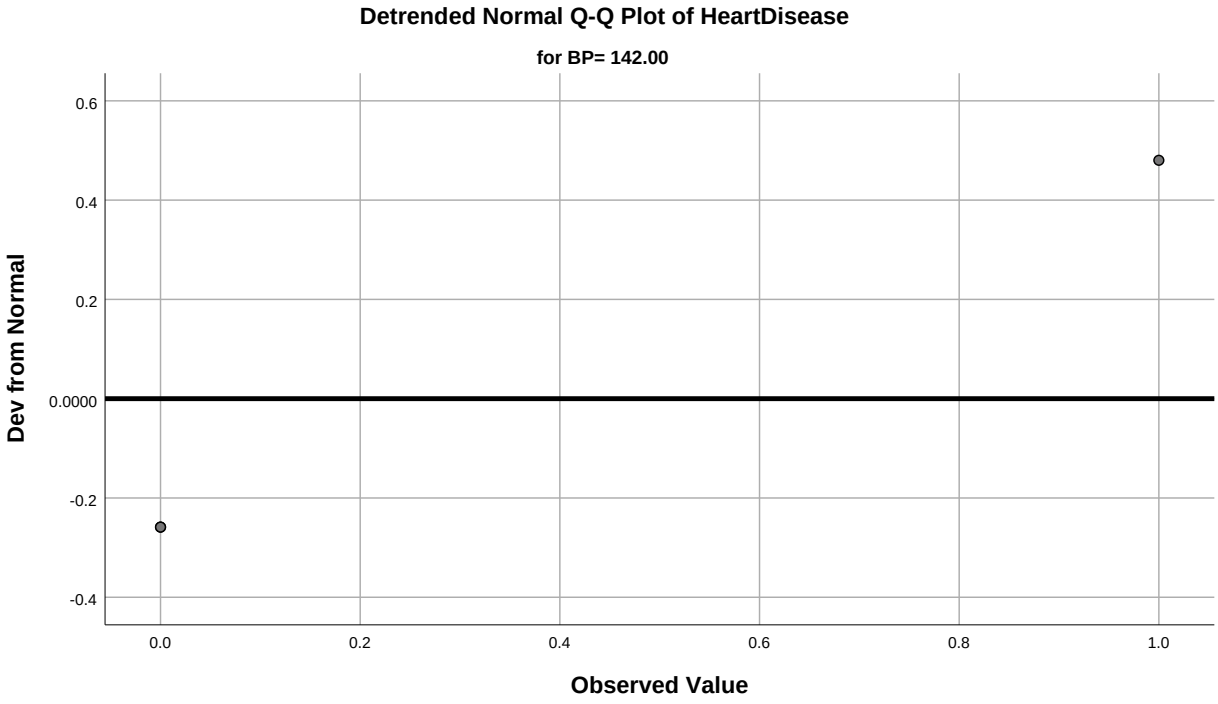

Detrended Normal Q-Q Plot of HeartDisease
for BP= 134.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

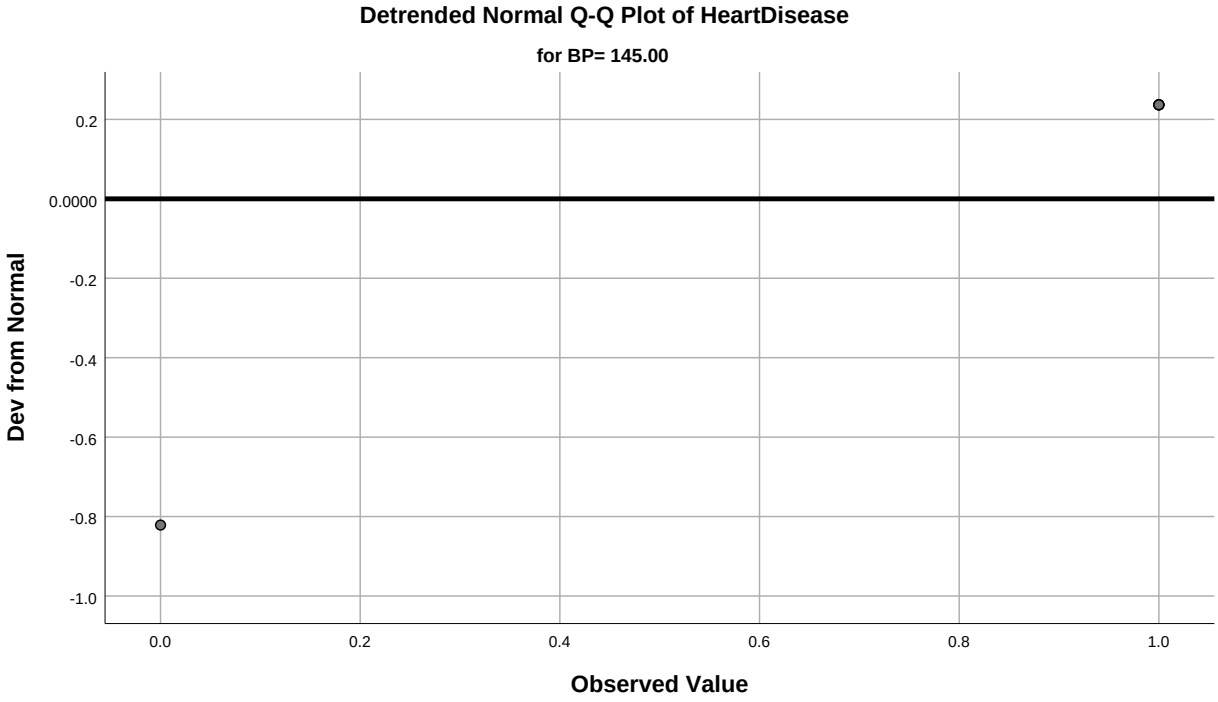

Detrended Normal Q-Q Plot of HeartDisease
for BP= 135.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

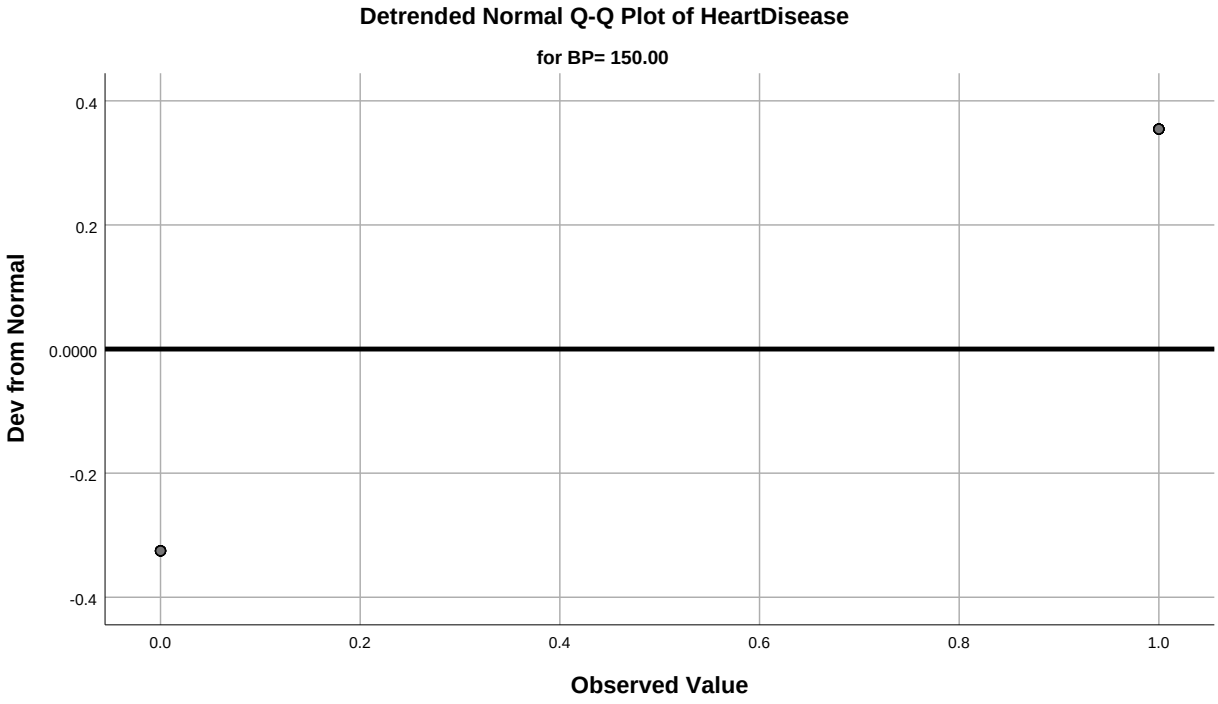

Detrended Normal Q-Q Plot of HeartDisease
for BP= 136.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

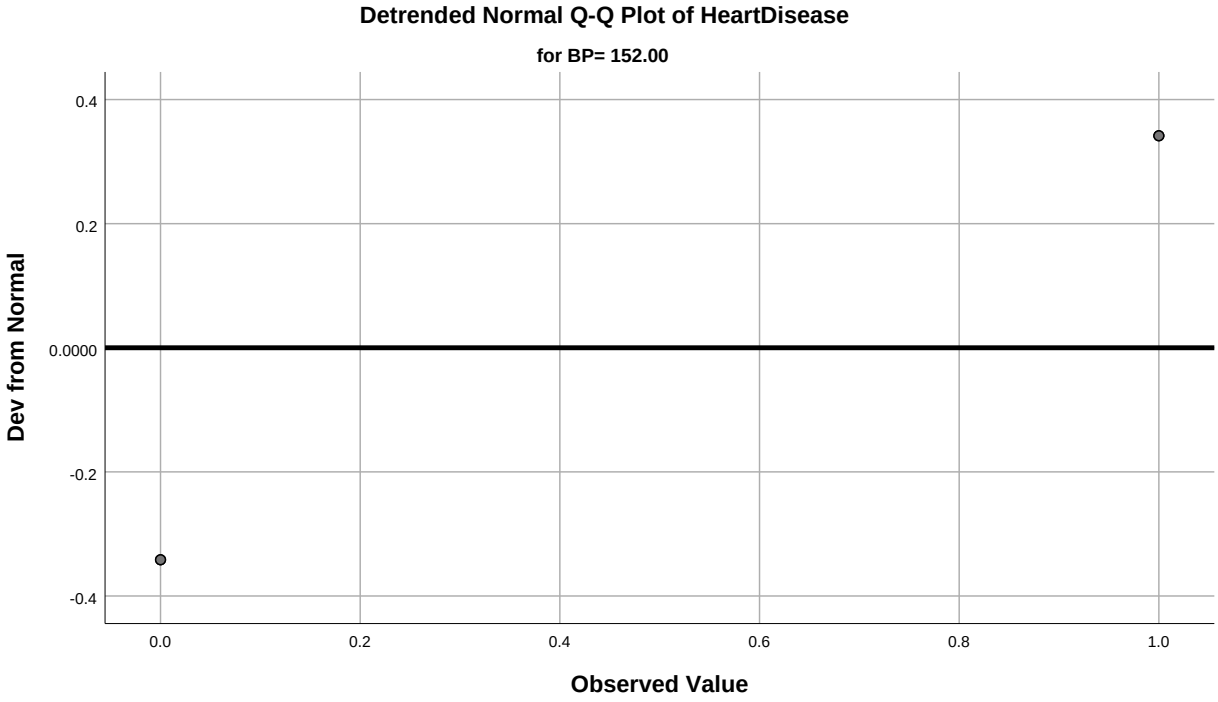

Detrended Normal Q-Q Plot of HeartDisease
for BP= 138.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

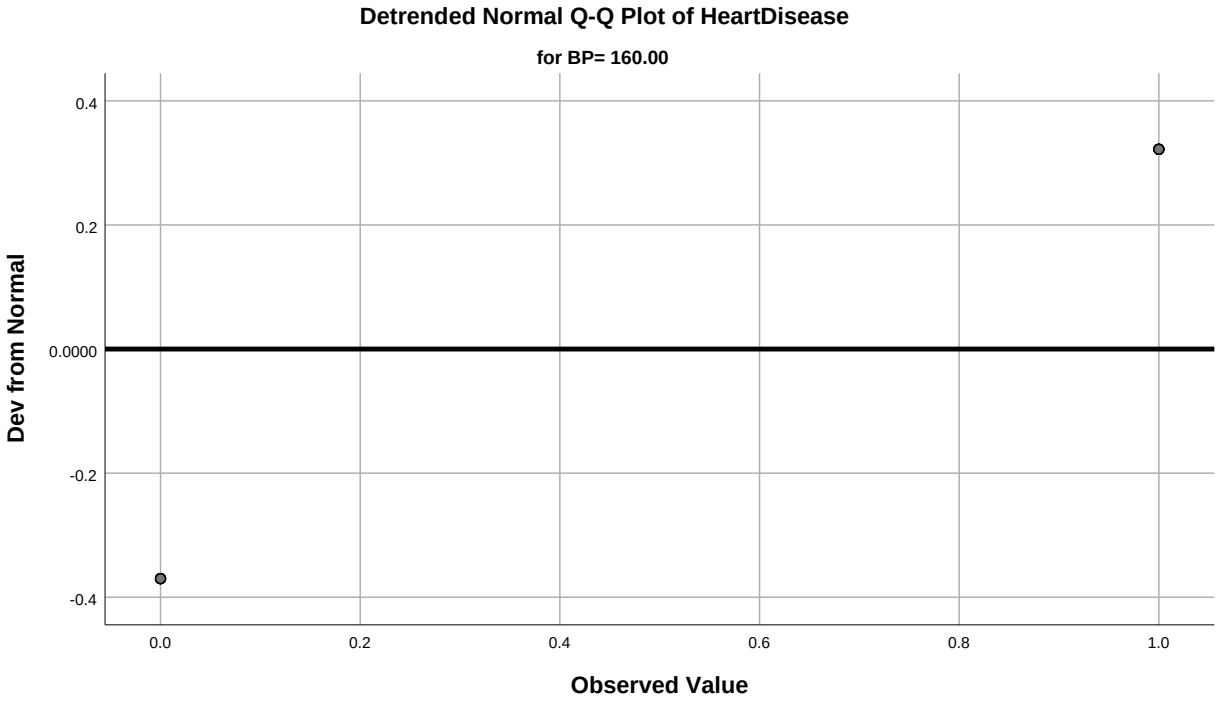

Detrended Normal Q-Q Plot of HeartDisease
for BP= 140.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

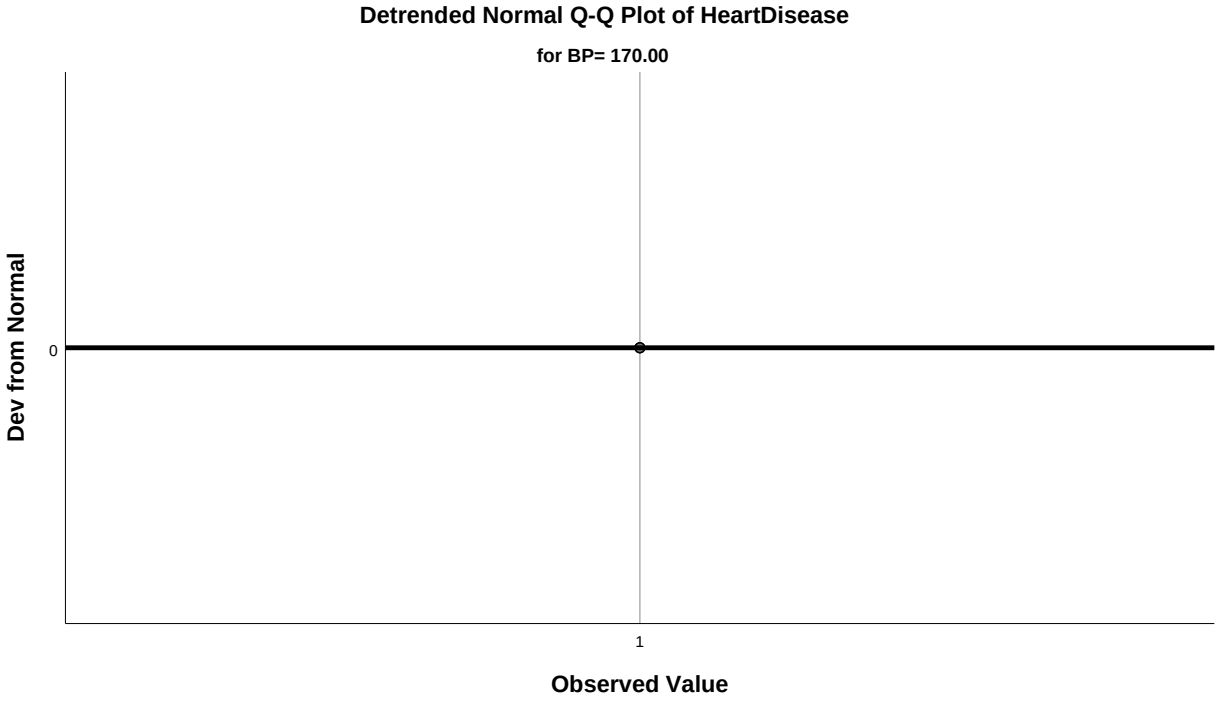

Detrended Normal Q-Q Plot of HeartDisease
for BP= 142.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

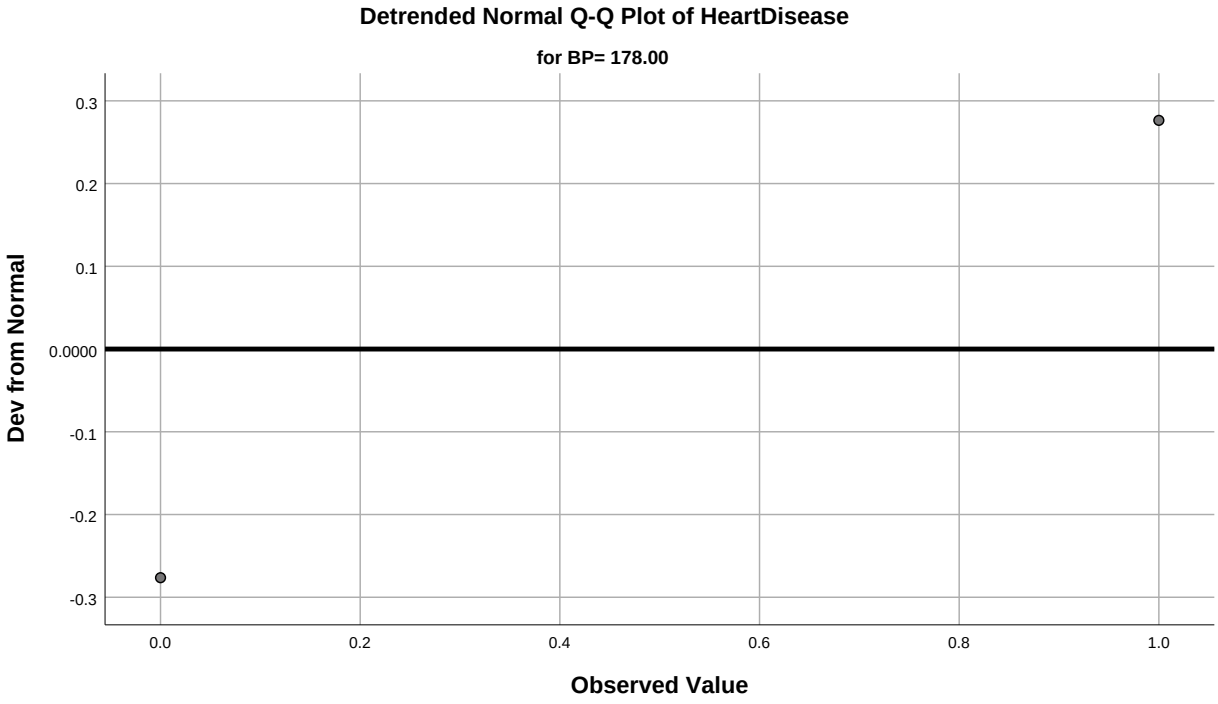

Detrended Normal Q-Q Plot of HeartDisease
for BP= 145.00
Dev from Normal
0.2
0.0000
-0.2
-0.4
-0.6
-0.8
-1.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

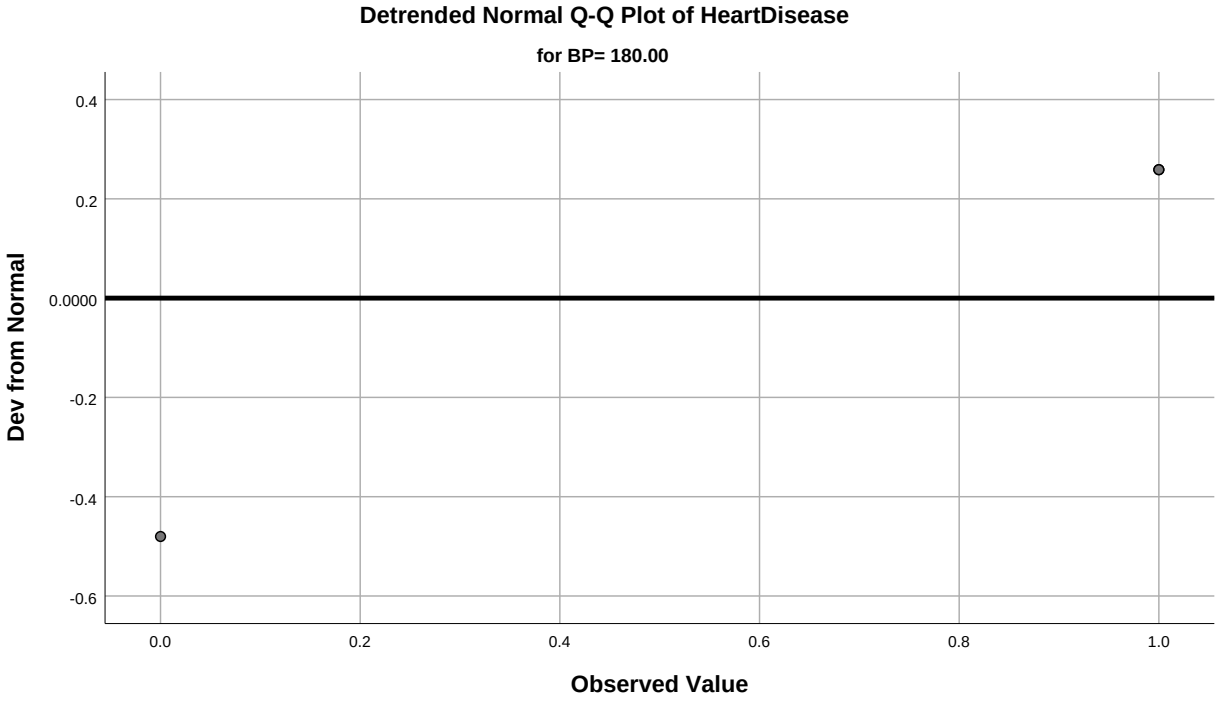

Detrended Normal Q-Q Plot of HeartDisease
for BP= 150.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for BP= 152.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

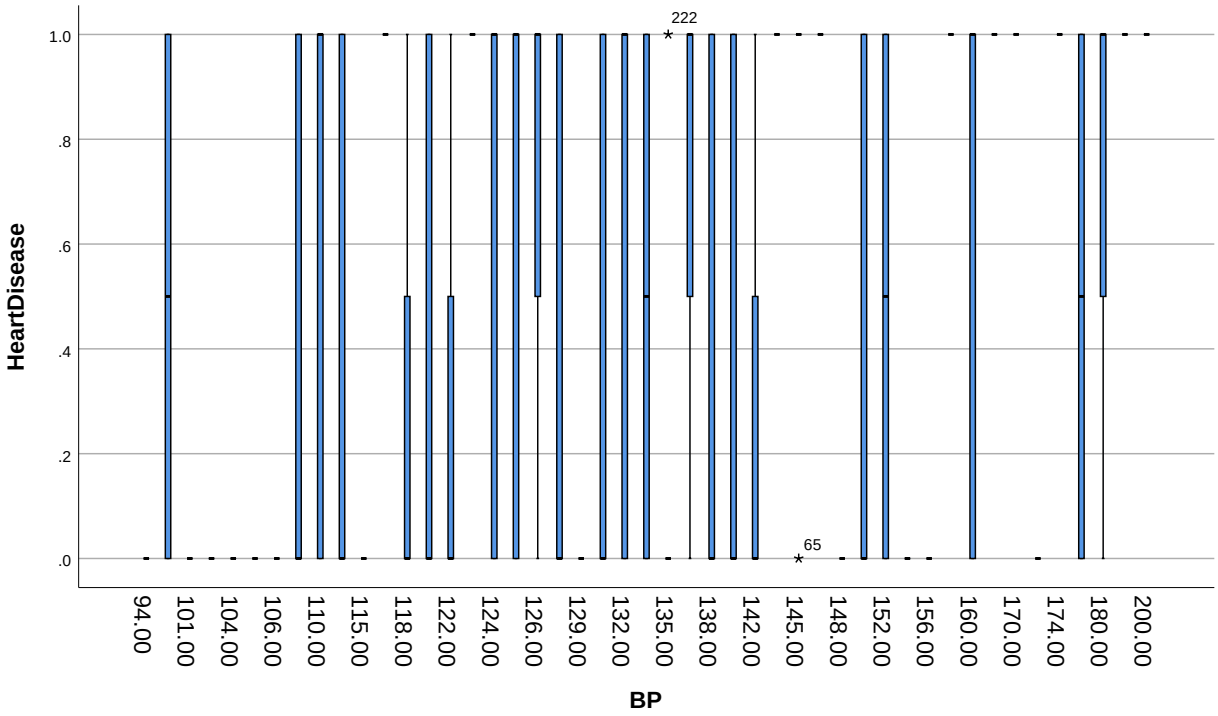

Detrended Normal Q-Q Plot of HeartDisease
for BP= 160.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for BP= 170.00
Dev from Normal
0
1
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for BP= 178.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for BP= 180.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots



Cholesterol

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Cholesterol	N	Percent	N	Percent	N	Percent
HeartDisease	126.00	1	100.0%	0	0.0%	1	100.0%
	141.00	1	100.0%	0	0.0%	1	100.0%
	149.00	2	100.0%	0	0.0%	2	100.0%
	160.00	1	100.0%	0	0.0%	1	100.0%
	164.00	1	100.0%	0	0.0%	1	100.0%
	166.00	1	100.0%	0	0.0%	1	100.0%
	167.00	1	100.0%	0	0.0%	1	100.0%
	168.00	1	100.0%	0	0.0%	1	100.0%
	172.00	1	100.0%	0	0.0%	1	100.0%
	174.00	1	100.0%	0	0.0%	1	100.0%
	175.00	1	100.0%	0	0.0%	1	100.0%
	177.00	4	100.0%	0	0.0%	4	100.0%
	178.00	1	100.0%	0	0.0%	1	100.0%
	180.00	1	100.0%	0	0.0%	1	100.0%
	182.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Cholesterol	N	Percent	N	Percent	N	Percent
	183.00	1	100.0%	0	0.0%	1	100.0%
	184.00	1	100.0%	0	0.0%	1	100.0%
	185.00	1	100.0%	0	0.0%	1	100.0%
	186.00	1	100.0%	0	0.0%	1	100.0%
	188.00	2	100.0%	0	0.0%	2	100.0%
	192.00	1	100.0%	0	0.0%	1	100.0%
	193.00	1	100.0%	0	0.0%	1	100.0%
	195.00	1	100.0%	0	0.0%	1	100.0%
	196.00	2	100.0%	0	0.0%	2	100.0%
	197.00	4	100.0%	0	0.0%	4	100.0%
	198.00	2	100.0%	0	0.0%	2	100.0%
	199.00	3	100.0%	0	0.0%	3	100.0%
	200.00	1	100.0%	0	0.0%	1	100.0%
	201.00	3	100.0%	0	0.0%	3	100.0%
	203.00	2	100.0%	0	0.0%	2	100.0%
	204.00	4	100.0%	0	0.0%	4	100.0%
	205.00	1	100.0%	0	0.0%	1	100.0%
	206.00	2	100.0%	0	0.0%	2	100.0%
	207.00	2	100.0%	0	0.0%	2	100.0%
	208.00	2	100.0%	0	0.0%	2	100.0%
	209.00	2	100.0%	0	0.0%	2	100.0%
	210.00	1	100.0%	0	0.0%	1	100.0%
	211.00	4	100.0%	0	0.0%	4	100.0%
	212.00	4	100.0%	0	0.0%	4	100.0%
	213.00	2	100.0%	0	0.0%	2	100.0%
	214.00	2	100.0%	0	0.0%	2	100.0%
	215.00	1	100.0%	0	0.0%	1	100.0%
	216.00	1	100.0%	0	0.0%	1	100.0%
	217.00	1	100.0%	0	0.0%	1	100.0%
	218.00	2	100.0%	0	0.0%	2	100.0%
	219.00	3	100.0%	0	0.0%	3	100.0%
	220.00	1	100.0%	0	0.0%	1	100.0%
	221.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Cholesterol	N	Percent	N	Percent	N	Percent
	222.00	2	100.0%	0	0.0%	2	100.0%
	223.00	2	100.0%	0	0.0%	2	100.0%
	224.00	1	100.0%	0	0.0%	1	100.0%
	225.00	1	100.0%	0	0.0%	1	100.0%
	226.00	4	100.0%	0	0.0%	4	100.0%
	227.00	1	100.0%	0	0.0%	1	100.0%
	228.00	2	100.0%	0	0.0%	2	100.0%
	229.00	3	100.0%	0	0.0%	3	100.0%
	230.00	3	100.0%	0	0.0%	3	100.0%
	231.00	3	100.0%	0	0.0%	3	100.0%
	232.00	1	100.0%	0	0.0%	1	100.0%
	233.00	4	100.0%	0	0.0%	4	100.0%
	234.00	6	100.0%	0	0.0%	6	100.0%
	235.00	2	100.0%	0	0.0%	2	100.0%
	236.00	2	100.0%	0	0.0%	2	100.0%
	237.00	1	100.0%	0	0.0%	1	100.0%
	239.00	4	100.0%	0	0.0%	4	100.0%
	240.00	3	100.0%	0	0.0%	3	100.0%
	242.00	1	100.0%	0	0.0%	1	100.0%
	243.00	4	100.0%	0	0.0%	4	100.0%
	244.00	3	100.0%	0	0.0%	3	100.0%
	245.00	3	100.0%	0	0.0%	3	100.0%
	246.00	3	100.0%	0	0.0%	3	100.0%
	247.00	1	100.0%	0	0.0%	1	100.0%
	248.00	2	100.0%	0	0.0%	2	100.0%
	249.00	3	100.0%	0	0.0%	3	100.0%
	250.00	3	100.0%	0	0.0%	3	100.0%
	252.00	1	100.0%	0	0.0%	1	100.0%
	253.00	1	100.0%	0	0.0%	1	100.0%
	254.00	5	100.0%	0	0.0%	5	100.0%
	255.00	2	100.0%	0	0.0%	2	100.0%
	256.00	3	100.0%	0	0.0%	3	100.0%
	257.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Cholesterol	N	Percent	N	Percent	N	Percent
	258.00	3	100.0%	0	0.0%	3	100.0%
	259.00	1	100.0%	0	0.0%	1	100.0%
	260.00	2	100.0%	0	0.0%	2	100.0%
	261.00	2	100.0%	0	0.0%	2	100.0%
	262.00	1	100.0%	0	0.0%	1	100.0%
	263.00	3	100.0%	0	0.0%	3	100.0%
	264.00	1	100.0%	0	0.0%	1	100.0%
	265.00	2	100.0%	0	0.0%	2	100.0%
	266.00	2	100.0%	0	0.0%	2	100.0%
	267.00	2	100.0%	0	0.0%	2	100.0%
	268.00	2	100.0%	0	0.0%	2	100.0%
	269.00	5	100.0%	0	0.0%	5	100.0%
	270.00	2	100.0%	0	0.0%	2	100.0%
	271.00	2	100.0%	0	0.0%	2	100.0%
	273.00	2	100.0%	0	0.0%	2	100.0%
	274.00	3	100.0%	0	0.0%	3	100.0%
	275.00	2	100.0%	0	0.0%	2	100.0%
	276.00	1	100.0%	0	0.0%	1	100.0%
	277.00	2	100.0%	0	0.0%	2	100.0%
	281.00	1	100.0%	0	0.0%	1	100.0%
	282.00	4	100.0%	0	0.0%	4	100.0%
	283.00	3	100.0%	0	0.0%	3	100.0%
	284.00	1	100.0%	0	0.0%	1	100.0%
	286.00	2	100.0%	0	0.0%	2	100.0%
	288.00	3	100.0%	0	0.0%	3	100.0%
	289.00	2	100.0%	0	0.0%	2	100.0%
	290.00	1	100.0%	0	0.0%	1	100.0%
	293.00	1	100.0%	0	0.0%	1	100.0%
	294.00	2	100.0%	0	0.0%	2	100.0%
	295.00	2	100.0%	0	0.0%	2	100.0%
	298.00	2	100.0%	0	0.0%	2	100.0%
	299.00	2	100.0%	0	0.0%	2	100.0%
	300.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Cholesterol	N	Percent	N	Percent	N	Percent
	302.00	2	100.0%	0	0.0%	2	100.0%
	303.00	3	100.0%	0	0.0%	3	100.0%
	304.00	2	100.0%	0	0.0%	2	100.0%
	305.00	2	100.0%	0	0.0%	2	100.0%
	306.00	1	100.0%	0	0.0%	1	100.0%
	307.00	1	100.0%	0	0.0%	1	100.0%
	308.00	2	100.0%	0	0.0%	2	100.0%
	309.00	3	100.0%	0	0.0%	3	100.0%
	311.00	1	100.0%	0	0.0%	1	100.0%
	313.00	1	100.0%	0	0.0%	1	100.0%
	315.00	2	100.0%	0	0.0%	2	100.0%
	318.00	1	100.0%	0	0.0%	1	100.0%
	319.00	1	100.0%	0	0.0%	1	100.0%
	321.00	1	100.0%	0	0.0%	1	100.0%
	322.00	1	100.0%	0	0.0%	1	100.0%
	325.00	2	100.0%	0	0.0%	2	100.0%
	326.00	1	100.0%	0	0.0%	1	100.0%
	327.00	1	100.0%	0	0.0%	1	100.0%
	330.00	2	100.0%	0	0.0%	2	100.0%
	335.00	1	100.0%	0	0.0%	1	100.0%
	340.00	1	100.0%	0	0.0%	1	100.0%
	341.00	1	100.0%	0	0.0%	1	100.0%
	353.00	1	100.0%	0	0.0%	1	100.0%
	354.00	1	100.0%	0	0.0%	1	100.0%
	360.00	1	100.0%	0	0.0%	1	100.0%
	394.00	1	100.0%	0	0.0%	1	100.0%
	407.00	1	100.0%	0	0.0%	1	100.0%
	409.00	1	100.0%	0	0.0%	1	100.0%
	417.00	1	100.0%	0	0.0%	1	100.0%
	564.00	1	100.0%	0	0.0%	1	100.0%

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

	Cholesterol			Statistic	Std. Error
HeartDisease	149.00	Mean		.50	.500
		95% Confidence Interval for Mean	Lower Bound	-5.85	
			Upper Bound	6.85	
		5% Trimmed Mean		.	
		Median		.50	
		Variance		.500	
		Std. Deviation		.707	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	177.00	Mean		.50	.289
		95% Confidence Interval for Mean	Lower Bound	-.42	
			Upper Bound	1.42	
		5% Trimmed Mean		.50	
		Median		.50	
		Variance		.333	
		Std. Deviation		.577	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		.000	1.014
		Kurtosis		-6.000	2.619
	188.00	Mean		1.00	.000
		95% Confidence Interval for Mean	Lower Bound	1.00	
			Upper Bound	1.00	
		5% Trimmed Mean		1.00	
		Median		1.00	
		Variance		.000	
		Std. Deviation		.000	
		Minimum		1	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
196.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
197.00	Mean		.25	.250
	95% Confidence Interval for Mean	Lower Bound	-.55	
		Upper Bound	1.05	
	5% Trimmed Mean		.22	
	Median		.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		2.000	1.014
	Kurtosis		4.000	2.619
198.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
199.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
201.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Skewness		.	.
	Kurtosis		.	.
203.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
204.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
206.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
207.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
208.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
209.00	Mean		.00	.000

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
211.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
212.00	Mean		.75	.250
	95% Confidence Interval for Mean	Lower Bound	-.05	
		Upper Bound	1.55	
	5% Trimmed Mean		.78	
	Median		1.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Range		1	
	Interquartile Range		1	
	Skewness		-2.000	1.014
	Kurtosis		4.000	2.619
213.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
214.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
218.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
219.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
222.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Kurtosis		.	.
223.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
226.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
228.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
229.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
230.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
231.00	Mean		.67	.333

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
233.00	Mean		.25	.250
	95% Confidence Interval for Mean	Lower Bound	-.55	
		Upper Bound	1.05	
	5% Trimmed Mean		.22	
	Median		.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		2.000	1.014
	Kurtosis		4.000	2.619
234.00	Mean		.33	.211
	95% Confidence Interval for Mean	Lower Bound	-.21	
		Upper Bound	.88	
	5% Trimmed Mean		.31	
	Median		.00	
	Variance		.267	
	Std. Deviation		.516	
	Minimum		0	
	Maximum		1	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Range		1	
	Interquartile Range		1	
	Skewness		.968	.845
	Kurtosis		-1.875	1.741
235.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
236.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
239.00	Mean		.50	.289
	95% Confidence Interval for Mean	Lower Bound	-.42	
		Upper Bound	1.42	
	5% Trimmed Mean		.50	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Median		.50	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.000	1.014
	Kurtosis		-6.000	2.619
240.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
243.00	Mean		.50	.289
	95% Confidence Interval for Mean	Lower Bound	-.42	
		Upper Bound	1.42	
	5% Trimmed Mean		.50	
	Median		.50	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.000	1.014

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Kurtosis		-6.000	2.619
244.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
245.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
246.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
248.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
249.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
250.00	Mean		.00	.000

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
254.00	Mean		.80	.200
	95% Confidence Interval for Mean	Lower Bound	.24	
		Upper Bound	1.36	
	5% Trimmed Mean		.83	
	Median		1.00	
	Variance		.200	
	Std. Deviation		.447	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-2.236	.913
	Kurtosis		5.000	2.000
255.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
256.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
258.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
260.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
261.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
263.00	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Kurtosis		.	.
265.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
266.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
267.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
268.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
269.00	Mean		.40	.245
	95% Confidence Interval for Mean	Lower Bound	-.28	
		Upper Bound	1.08	
	5% Trimmed Mean		.39	
	Median		.00	
	Variance		.300	
	Std. Deviation		.548	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.609	.913
	Kurtosis		-3.333	2.000
270.00	Mean		.50	.500

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
271.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
273.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
274.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
275.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
277.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
282.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
283.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Kurtosis		.	.
286.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
288.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
289.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
294.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
295.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
298.00	Mean		.50	.500

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
299.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
302.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
303.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
304.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
305.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
308.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
309.00	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol			Statistic	Std. Error
	Kurtosis		.	.
315.00	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.
325.00	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
330.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp]

Cholesterol		Statistic	Std. Error
	Minimum	1	
	Maximum	1	
	Range	0	
	Interquartile Range	0	
	Skewness	.	.
	Kurtosis	.	.

a. HeartDisease is constant when Cholesterol = 126.00. It has been omitted.

b. HeartDisease is constant when Cholesterol = 141.00. It has been omitted.

c. HeartDisease is constant when Cholesterol = 160.00. It has been omitted.

d. HeartDisease is constant when Cholesterol = 164.00. It has been omitted.

e. HeartDisease is constant when Cholesterol = 166.00. It has been omitted.

f. HeartDisease is constant when Cholesterol = 167.00. It has been omitted.

g. HeartDisease is constant when Cholesterol = 168.00. It has been omitted.

h. HeartDisease is constant when Cholesterol = 172.00. It has been omitted.

i. HeartDisease is constant when Cholesterol = 174.00. It has been omitted.

j. HeartDisease is constant when Cholesterol = 175.00. It has been omitted.

k. HeartDisease is constant when Cholesterol = 178.00. It has been omitted.

l. HeartDisease is constant when Cholesterol = 180.00. It has been omitted.

m. HeartDisease is constant when Cholesterol = 182.00. It has been omitted.

n. HeartDisease is constant when Cholesterol = 183.00. It has been omitted.

o. HeartDisease is constant when Cholesterol = 184.00. It has been omitted.

p. HeartDisease is constant when Cholesterol = 185.00. It has been omitted.

q. HeartDisease is constant when Cholesterol = 186.00. It has been omitted.

r. HeartDisease is constant when Cholesterol = 192.00. It has been omitted.

s. HeartDisease is constant when Cholesterol = 193.00. It has been omitted.

t. HeartDisease is constant when Cholesterol = 195.00. It has been omitted.

u. HeartDisease is constant when Cholesterol = 200.00. It has been omitted.

v. HeartDisease is constant when Cholesterol = 205.00. It has been omitted.

w. HeartDisease is constant when Cholesterol = 210.00. It has been omitted.

x. HeartDisease is constant when Cholesterol = 215.00. It has been omitted.

y. HeartDisease is constant when Cholesterol = 216.00. It has been omitted.

z. HeartDisease is constant when Cholesterol = 217.00. It has been omitted.

aa. HeartDisease is constant when Cholesterol = 220.00. It has been omitted.

ab. HeartDisease is constant when Cholesterol = 221.00. It has been omitted.
ac. HeartDisease is constant when Cholesterol = 224.00. It has been omitted.
ad. HeartDisease is constant when Cholesterol = 225.00. It has been omitted.
ae. HeartDisease is constant when Cholesterol = 227.00. It has been omitted.
af. HeartDisease is constant when Cholesterol = 232.00. It has been omitted.
ag. HeartDisease is constant when Cholesterol = 237.00. It has been omitted.
ah. HeartDisease is constant when Cholesterol = 242.00. It has been omitted.
ai. HeartDisease is constant when Cholesterol = 247.00. It has been omitted.
aj. HeartDisease is constant when Cholesterol = 252.00. It has been omitted.
ak. HeartDisease is constant when Cholesterol = 253.00. It has been omitted.
al. HeartDisease is constant when Cholesterol = 257.00. It has been omitted.
am. HeartDisease is constant when Cholesterol = 259.00. It has been omitted.
an. HeartDisease is constant when Cholesterol = 262.00. It has been omitted.
ao. HeartDisease is constant when Cholesterol = 264.00. It has been omitted.
ap. HeartDisease is constant when Cholesterol = 276.00. It has been omitted.
aq. HeartDisease is constant when Cholesterol = 281.00. It has been omitted.
ar. HeartDisease is constant when Cholesterol = 284.00. It has been omitted.
as. HeartDisease is constant when Cholesterol = 290.00. It has been omitted.
at. HeartDisease is constant when Cholesterol = 293.00. It has been omitted.
au. HeartDisease is constant when Cholesterol = 300.00. It has been omitted.
av. HeartDisease is constant when Cholesterol = 306.00. It has been omitted.
aw. HeartDisease is constant when Cholesterol = 307.00. It has been omitted.
ax. HeartDisease is constant when Cholesterol = 311.00. It has been omitted.
ay. HeartDisease is constant when Cholesterol = 313.00. It has been omitted.
az. HeartDisease is constant when Cholesterol = 318.00. It has been omitted.
ba. HeartDisease is constant when Cholesterol = 319.00. It has been omitted.
bb. HeartDisease is constant when Cholesterol = 321.00. It has been omitted.
bc. HeartDisease is constant when Cholesterol = 322.00. It has been omitted.
bd. HeartDisease is constant when Cholesterol = 326.00. It has been omitted.
be. HeartDisease is constant when Cholesterol = 327.00. It has been omitted.
bf. HeartDisease is constant when Cholesterol = 335.00. It has been omitted.
bg. HeartDisease is constant when Cholesterol = 340.00. It has been omitted.
bh. HeartDisease is constant when Cholesterol = 341.00. It has been omitted.
bi. HeartDisease is constant when Cholesterol = 353.00. It has been omitted.
bj. HeartDisease is constant when Cholesterol = 354.00. It has been omitted.
bk. HeartDisease is constant when Cholesterol = 360.00. It has been omitted.
bl. HeartDisease is constant when Cholesterol = 394.00. It has been omitted.
bm. HeartDisease is constant when Cholesterol = 407.00. It has been omitted.
bn.

bn. HeartDisease is constant when Cholesterol = 409.00. It has been omitted.

bo. HeartDisease is constant when Cholesterol = 417.00. It has been omitted.

bp. HeartDisease is constant when Cholesterol = 564.00. It has been omitted.

Tests of Normality[a,b,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp,bq]

		Kolmogorov-Smirnov[c]			Shapiro-Wilk		
	Cholesterol	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	149.00	.260	2	.			
	177.00	.307	4	.	.729	4	.024
	188.00	.	2	.			
	196.00	.	2	.			
	197.00	.441	4	.	.630	4	.001
	198.00	.260	2	.			
	199.00	.	3	.	.	3	.
	201.00	.	3	.	.	3	.
	203.00	.260	2	.			
	204.00	.	4	.	.	4	.
	206.00	.	2	.			
	207.00	.260	2	.			
	208.00	.	2	.			
	209.00	.	2	.			
	211.00	.	4	.	.	4	.
	212.00	.441	4	.	.630	4	.001
	213.00	.	2	.			
	214.00	.	2	.			
	218.00	.	2	.			
	219.00	.385	3	.	.750	3	.000
	222.00	.	2	.			
	223.00	.260	2	.			
	226.00	.	4	.	.	4	.
	228.00	.260	2	.			
	229.00	.	3	.	.	3	.
	230.00	.	3	.	.	3	.
	231.00	.385	3	.	.750	3	.000
	233.00	.441	4	.	.630	4	.001

Tests of Normality[a,b,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp,bq]

		Kolmogorov-Smirnov[c]			Shapiro-Wilk		
	Cholesterol	Statistic	df	Sig.	Statistic	df	Sig.
	234.00	.407	6	.002	.640	6	.001
	235.00	.	2	.			
	236.00	.	2	.			
	239.00	.307	4	.	.729	4	.024
	240.00	.	3	.	.	3	.
	243.00	.307	4	.	.729	4	.024
	244.00	.385	3	.	.750	3	.000
	245.00	.	3	.	.	3	.
	246.00	.385	3	.	.750	3	.000
	248.00	.260	2	.			
	249.00	.	3	.	.	3	.
	250.00	.	3	.	.	3	.
	254.00	.473	5	.001	.552	5	.000
	255.00	.260	2	.			
	256.00	.385	3	.	.750	3	.000
	258.00	.385	3	.	.750	3	.000
	260.00	.260	2	.			
	261.00	.260	2	.			
	263.00	.385	3	.	.750	3	.000
	265.00	.	2	.			
	266.00	.260	2	.			
	267.00	.260	2	.			
	268.00	.260	2	.			
	269.00	.367	5	.026	.684	5	.006
	270.00	.260	2	.			
	271.00	.	2	.			
	273.00	.260	2	.			
	274.00	.	3	.	.	3	.
	275.00	.260	2	.			
	277.00	.	2	.			
	282.00	.	4	.	.	4	.
	283.00	.385	3	.	.750	3	.000
	286.00	.	2	.			

Tests of Normality[a,b,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af,ag,ah,ai,aj,ak,al,am,an,ao,ap,aq,ar,as,at,au,av,aw,ax,ay,az,ba,bb,bc,bd,be,bf,bg,bh,bi,bj,bk,bl,bm,bn,bo,bp,bq]

		Kolmogorov-Smirnov[c]			Shapiro-Wilk		
	Cholesterol	Statistic	df	Sig.	Statistic	df	Sig.
	288.00	.385	3	.	.750	3	.000
	289.00	.	2	.			
	294.00	.260	2	.			
	295.00	.	2	.			
	298.00	.260	2	.			
	299.00	.	2	.			
	302.00	.	2	.			
	303.00	.	3	.	.	3	.
	304.00	.260	2	.			
	305.00	.	2	.			
	308.00	.	2	.			
	309.00	.385	3	.	.750	3	.000
	315.00	.260	2	.			
	325.00	.	2	.			
	330.00	.	2	.			

a. HeartDisease is constant when Cholesterol = 126.00. It has been omitted.

b. HeartDisease is constant when Cholesterol = 141.00. It has been omitted.

c. Lilliefors Significance Correction

d. HeartDisease is constant when Cholesterol = 160.00. It has been omitted.

e. HeartDisease is constant when Cholesterol = 164.00. It has been omitted.

f. HeartDisease is constant when Cholesterol = 166.00. It has been omitted.

g. HeartDisease is constant when Cholesterol = 167.00. It has been omitted.

h. HeartDisease is constant when Cholesterol = 168.00. It has been omitted.

i. HeartDisease is constant when Cholesterol = 172.00. It has been omitted.

j. HeartDisease is constant when Cholesterol = 174.00. It has been omitted.

k. HeartDisease is constant when Cholesterol = 175.00. It has been omitted.

l. HeartDisease is constant when Cholesterol = 178.00. It has been omitted.

m. HeartDisease is constant when Cholesterol = 180.00. It has been omitted.

n. HeartDisease is constant when Cholesterol = 182.00. It has been omitted.
o. HeartDisease is constant when Cholesterol = 183.00. It has been omitted.
p. HeartDisease is constant when Cholesterol = 184.00. It has been omitted.
q. HeartDisease is constant when Cholesterol = 185.00. It has been omitted.
r. HeartDisease is constant when Cholesterol = 186.00. It has been omitted.
s. HeartDisease is constant when Cholesterol = 192.00. It has been omitted.
t. HeartDisease is constant when Cholesterol = 193.00. It has been omitted.
u. HeartDisease is constant when Cholesterol = 195.00. It has been omitted.
v. HeartDisease is constant when Cholesterol = 200.00. It has been omitted.
w. HeartDisease is constant when Cholesterol = 205.00. It has been omitted.
x. HeartDisease is constant when Cholesterol = 210.00. It has been omitted.
y. HeartDisease is constant when Cholesterol = 215.00. It has been omitted.
z. HeartDisease is constant when Cholesterol = 216.00. It has been omitted.
aa. HeartDisease is constant when Cholesterol = 217.00. It has been omitted.
ab. HeartDisease is constant when Cholesterol = 220.00. It has been omitted.
ac. HeartDisease is constant when Cholesterol = 221.00. It has been omitted.
ad. HeartDisease is constant when Cholesterol = 224.00. It has been omitted.
ae. HeartDisease is constant when Cholesterol = 225.00. It has been omitted.
af. HeartDisease is constant when Cholesterol = 227.00. It has been omitted.
ag. HeartDisease is constant when Cholesterol = 232.00. It has been omitted.
ah. HeartDisease is constant when Cholesterol = 237.00. It has been omitted.
ai. HeartDisease is constant when Cholesterol = 242.00. It has been omitted.
aj. HeartDisease is constant when Cholesterol = 247.00. It has been omitted.
ak. HeartDisease is constant when Cholesterol = 252.00. It has been omitted.
al. HeartDisease is constant when Cholesterol = 253.00. It has been omitted.
am. HeartDisease is constant when Cholesterol = 257.00. It has been omitted.
an. HeartDisease is constant when Cholesterol = 259.00. It has been omitted.
ao. HeartDisease is constant when Cholesterol = 262.00. It has been omitted.
ap. HeartDisease is constant when Cholesterol = 264.00. It has been omitted.
aq. HeartDisease is constant when Cholesterol = 276.00. It has been omitted.
ar. HeartDisease is constant when Cholesterol = 281.00. It has been omitted.
as. HeartDisease is constant when Cholesterol = 284.00. It has been omitted.
at. HeartDisease is constant when Cholesterol = 290.00. It has been omitted.
au. HeartDisease is constant when Cholesterol = 293.00. It has been omitted.
av. HeartDisease is constant when Cholesterol = 300.00. It has been omitted.
aw. HeartDisease is constant when Cholesterol = 306.00. It has been omitted.
ax. HeartDisease is constant when Cholesterol = 307.00. It has been omitted.
ay. HeartDisease is constant when Cholesterol = 311.00. It has been omitted.

az. HeartDisease is constant when Cholesterol = 313.00. It has been omitted.

ba. HeartDisease is constant when Cholesterol = 318.00. It has been omitted.

bb. HeartDisease is constant when Cholesterol = 319.00. It has been omitted.

bc. HeartDisease is constant when Cholesterol = 321.00. It has been omitted.

bd. HeartDisease is constant when Cholesterol = 322.00. It has been omitted.

be. HeartDisease is constant when Cholesterol = 326.00. It has been omitted.

bf. HeartDisease is constant when Cholesterol = 327.00. It has been omitted.

bg. HeartDisease is constant when Cholesterol = 335.00. It has been omitted.

bh. HeartDisease is constant when Cholesterol = 340.00. It has been omitted.

bi. HeartDisease is constant when Cholesterol = 341.00. It has been omitted.

bj. HeartDisease is constant when Cholesterol = 353.00. It has been omitted.

bk. HeartDisease is constant when Cholesterol = 354.00. It has been omitted.

bl. HeartDisease is constant when Cholesterol = 360.00. It has been omitted.

bm. HeartDisease is constant when Cholesterol = 394.00. It has been omitted.

bn. HeartDisease is constant when Cholesterol = 407.00. It has been omitted.

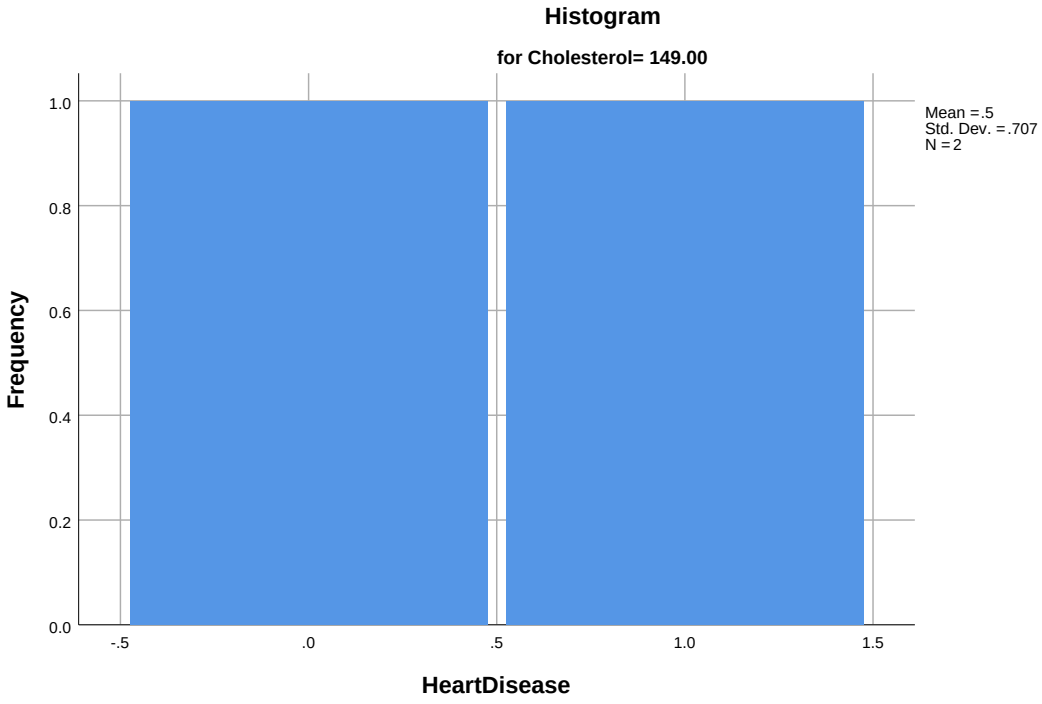
bo. HeartDisease is constant when Cholesterol = 409.00. It has been omitted.

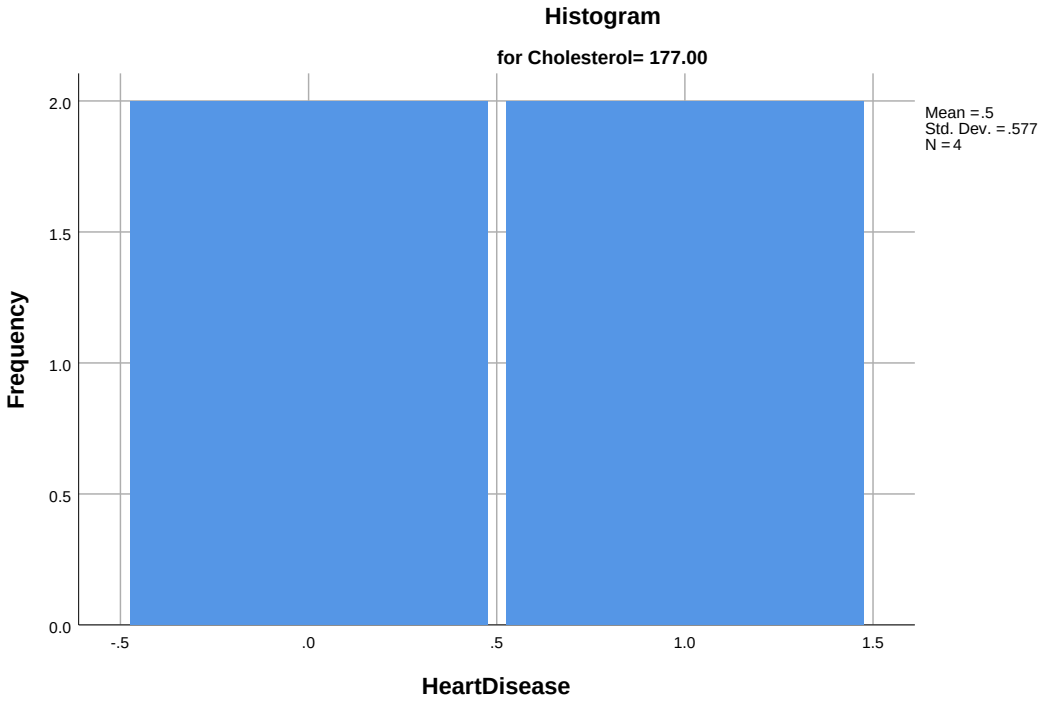
bp. HeartDisease is constant when Cholesterol = 417.00. It has been omitted.

bq. HeartDisease is constant when Cholesterol = 564.00. It has been omitted.

HeartDisease

Histograms


Histogram
for Cholesterol= 149.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Cholesterol= 177.00
Mean =.5
Std. Dev. =.577
N =4
Frequency
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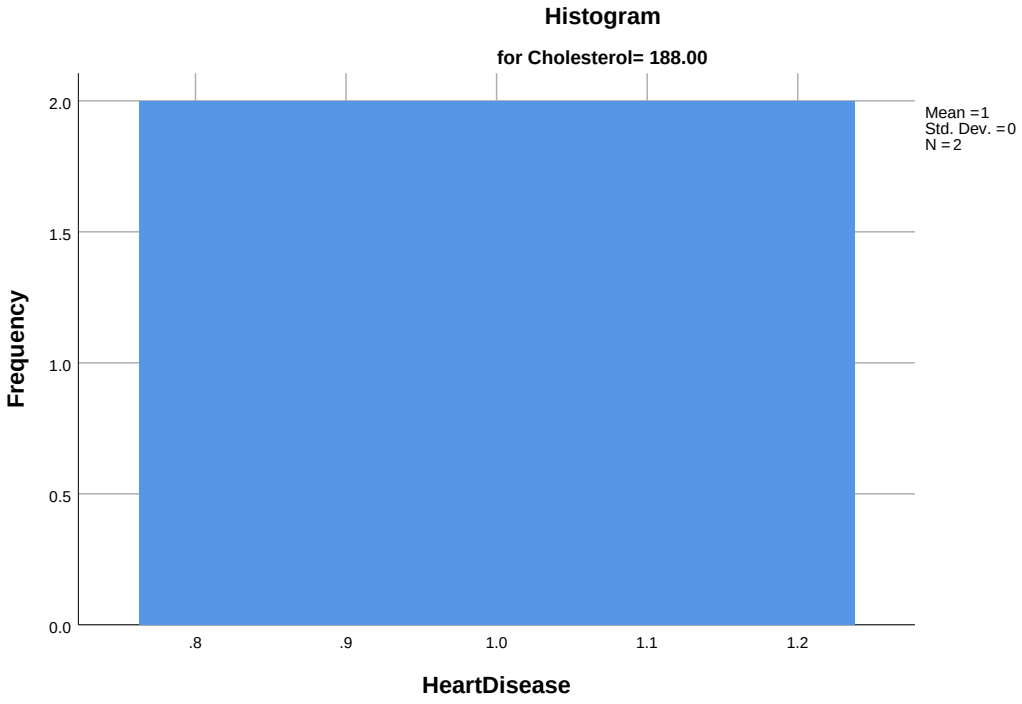
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Cholesterol= 188.00
Mean =1
Std. Dev. =0
N =2
Frequency
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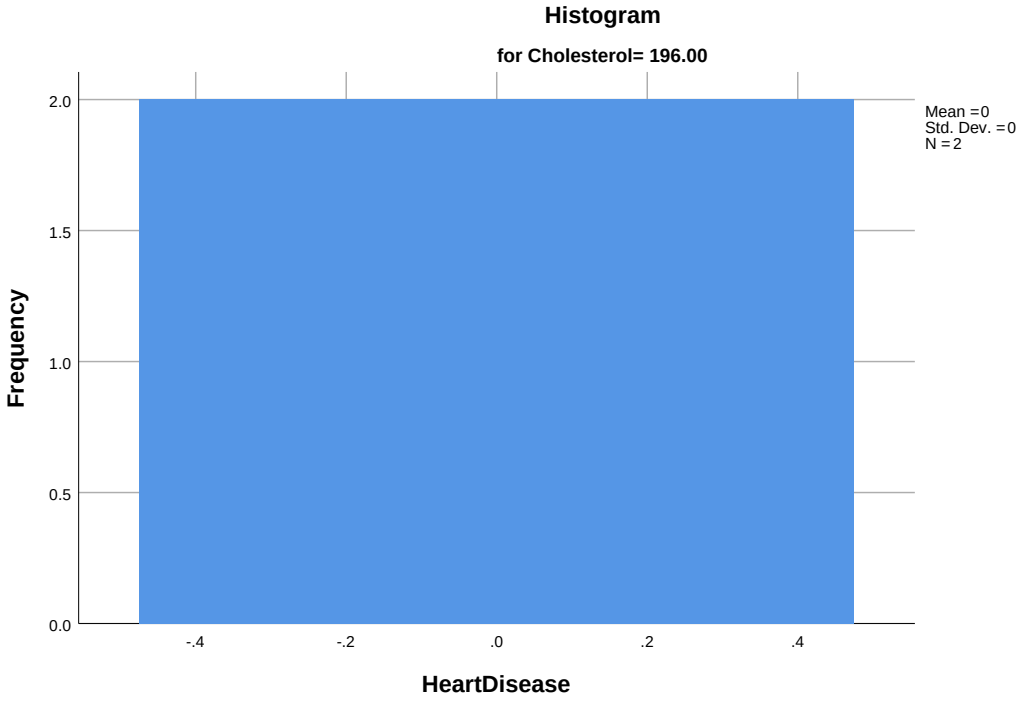
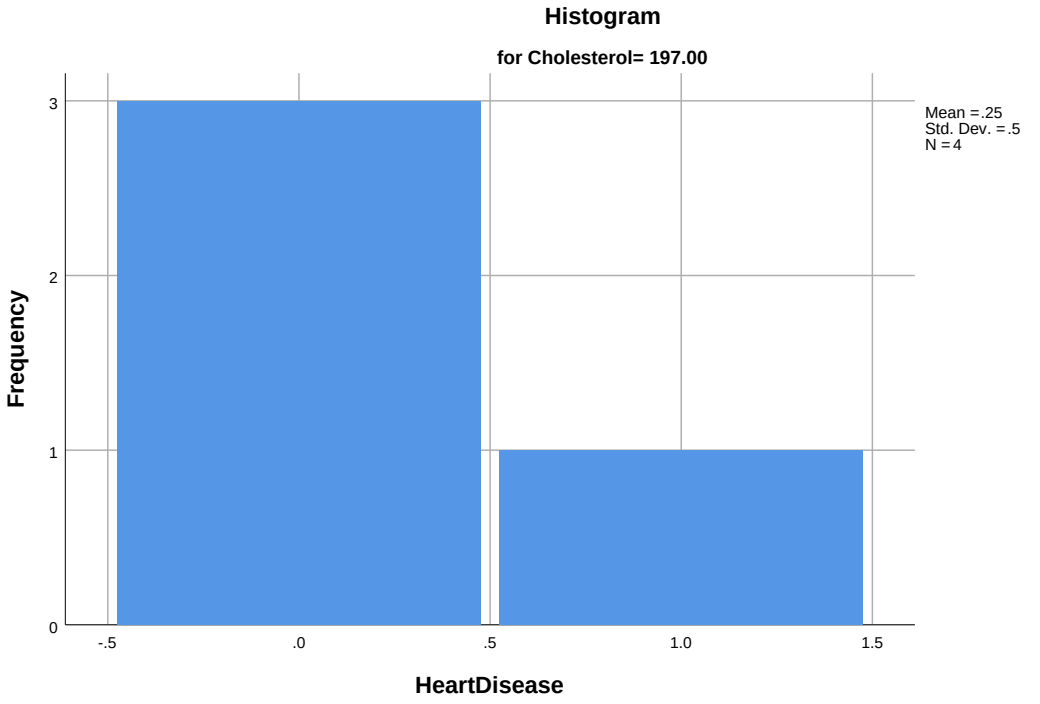
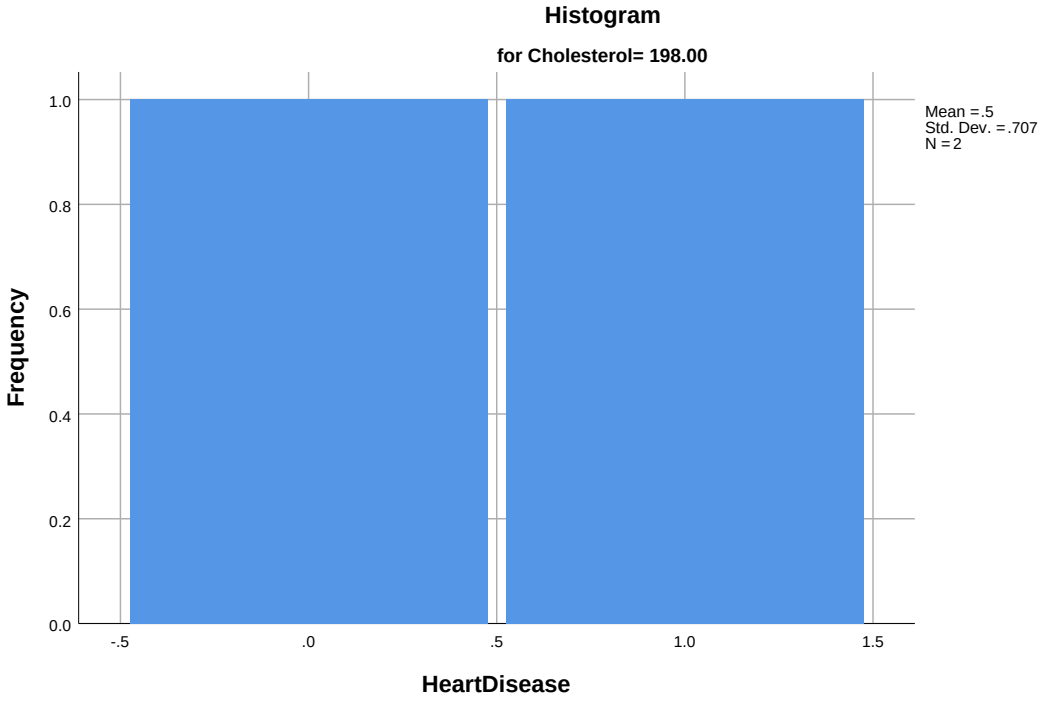
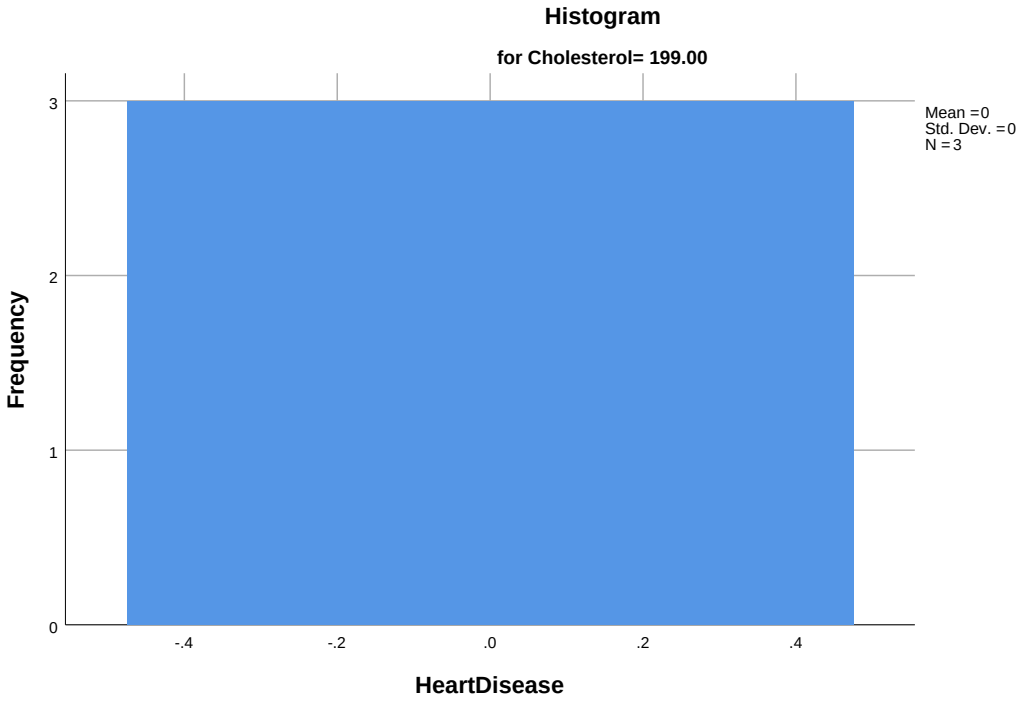
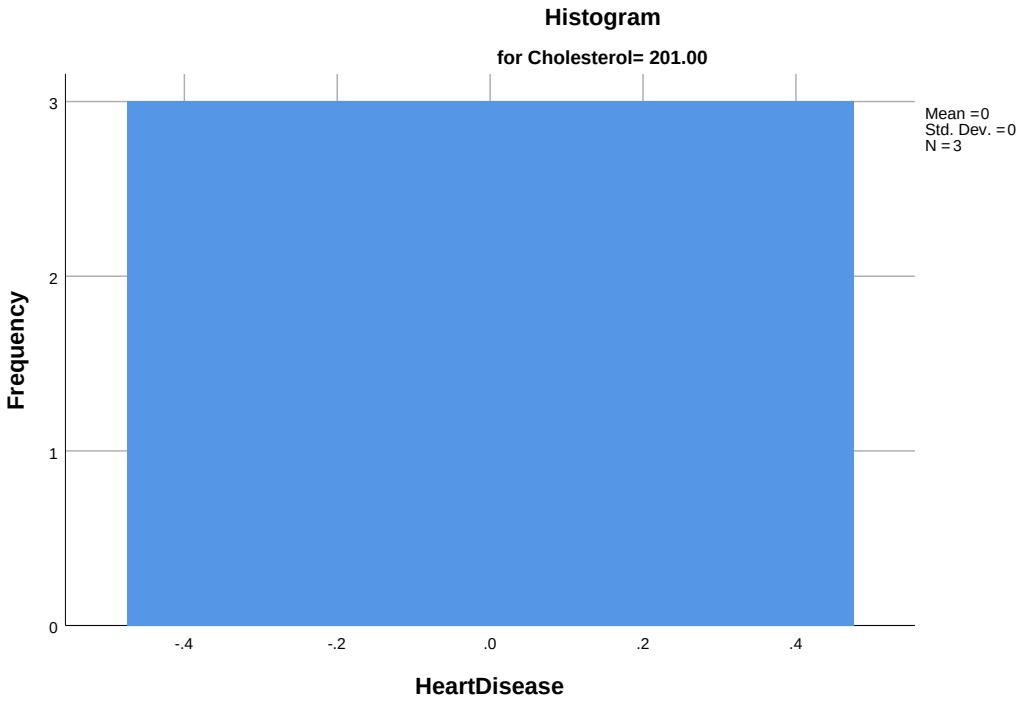
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

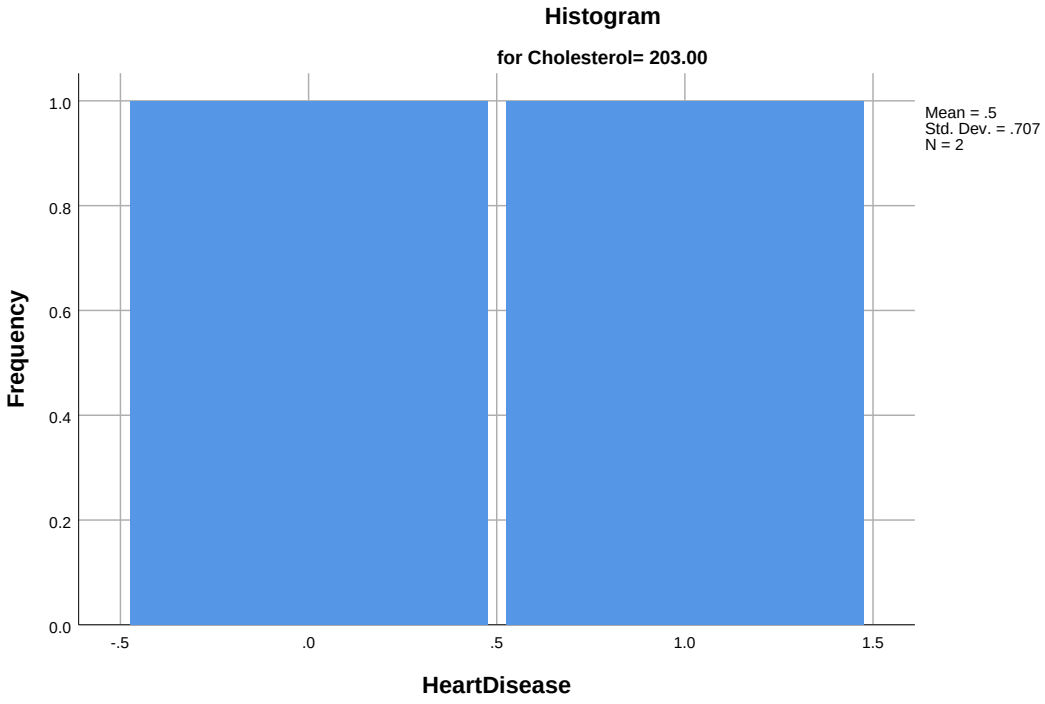

Histogram
for Cholesterol= 196.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

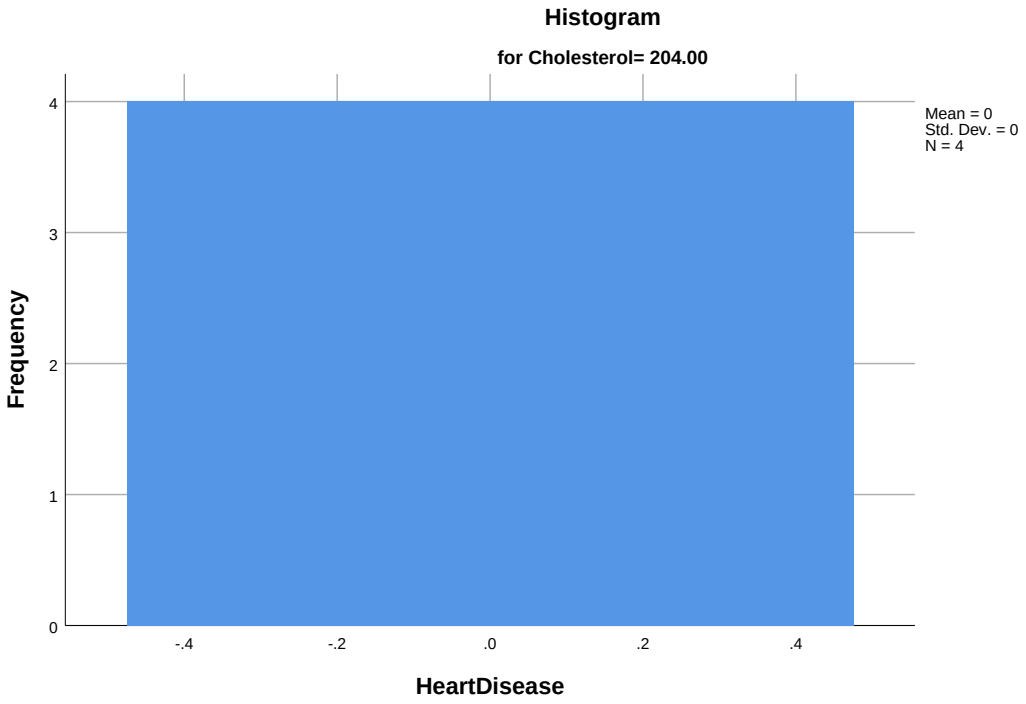

Histogram
for Cholesterol= 197.00
Mean = .25
Std. Dev. = .5
N = 4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

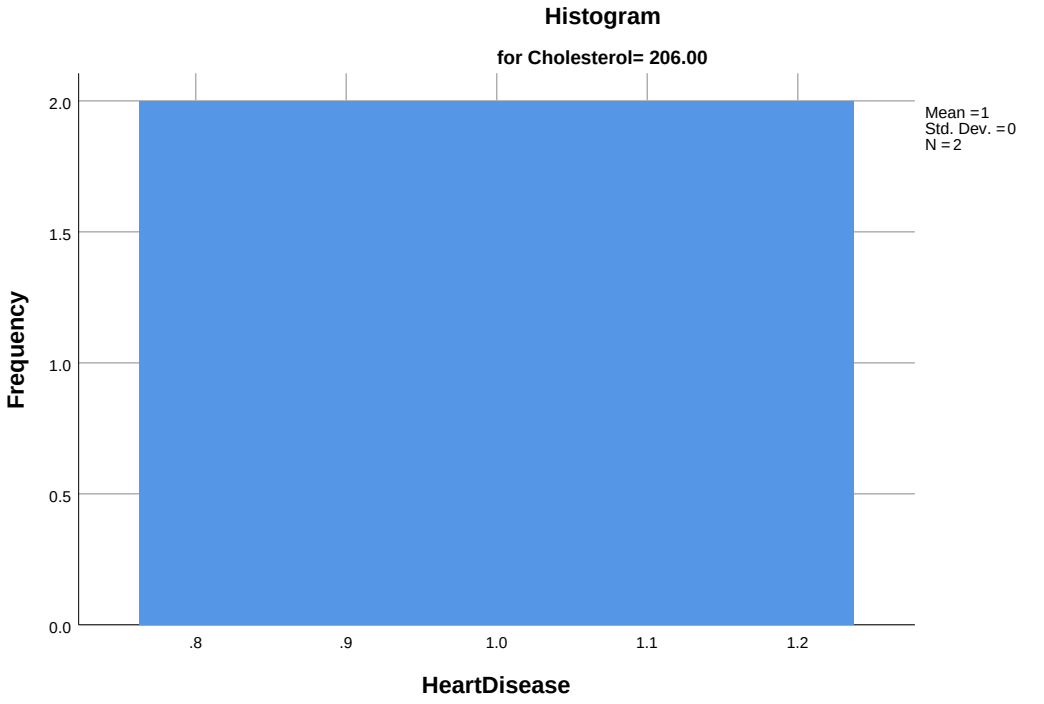

Histogram
for Cholesterol= 198.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

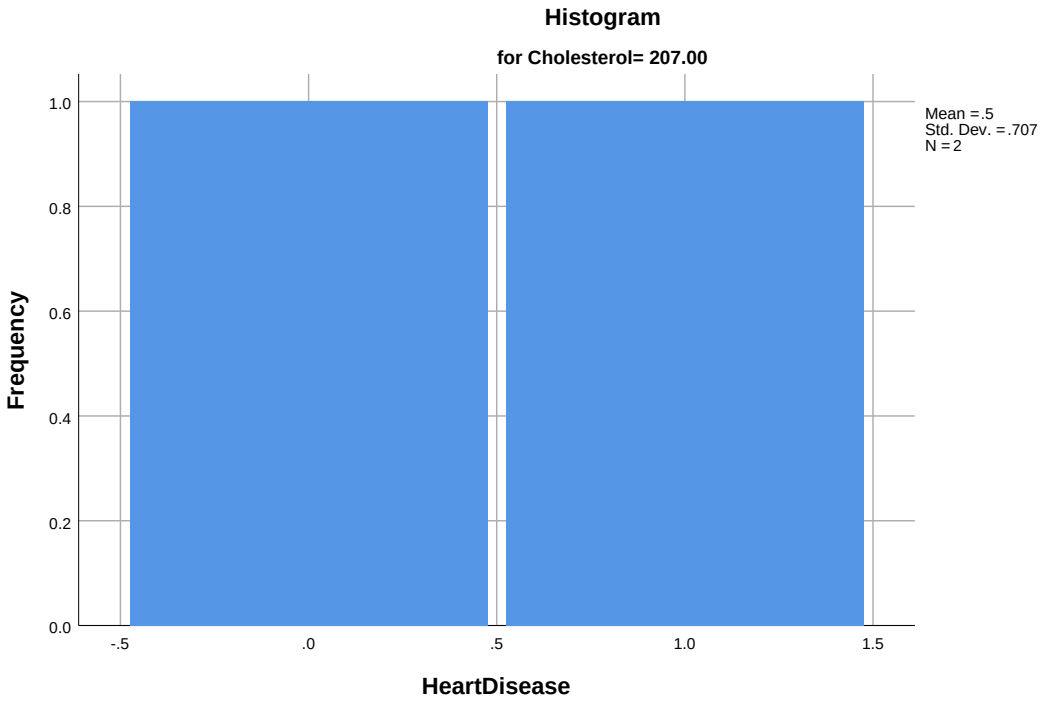

Histogram
for Cholesterol= 199.00
Mean =0
Std. Dev. =0
N =3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

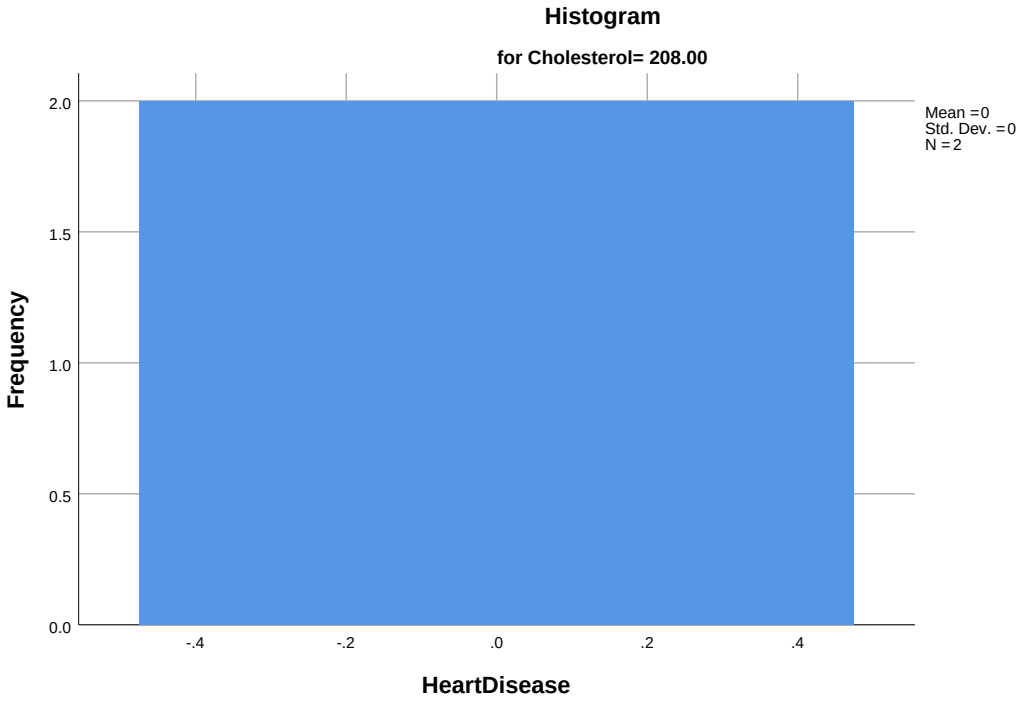

Histogram
for Cholesterol= 201.00
Mean =0
Std. Dev. =0
N =3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

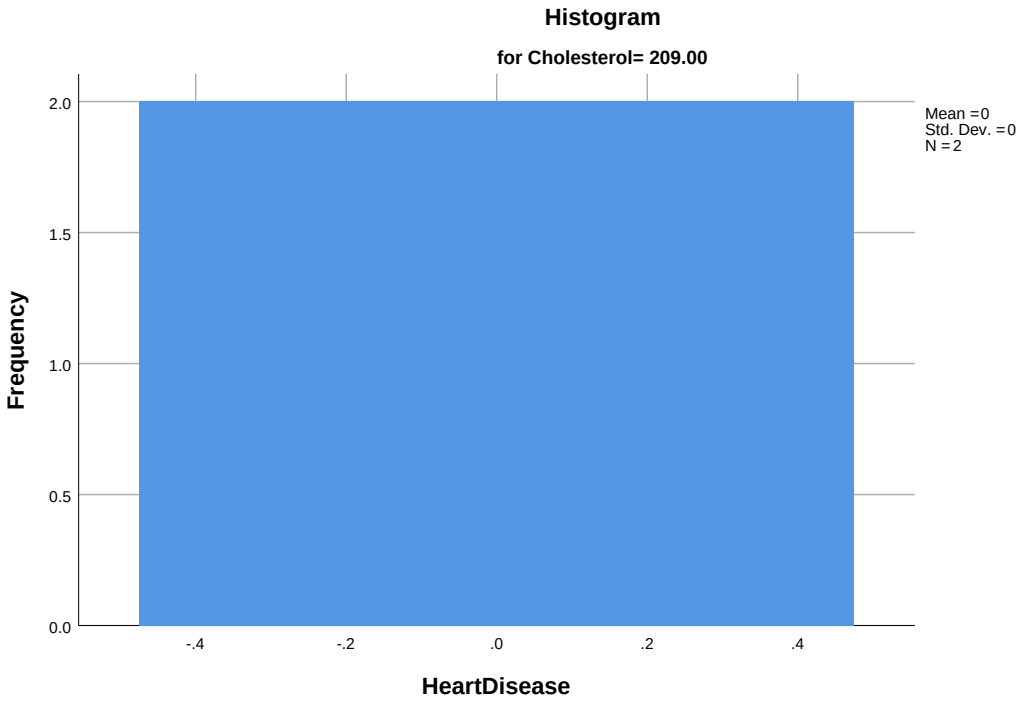

Histogram
for Cholesterol= 203.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

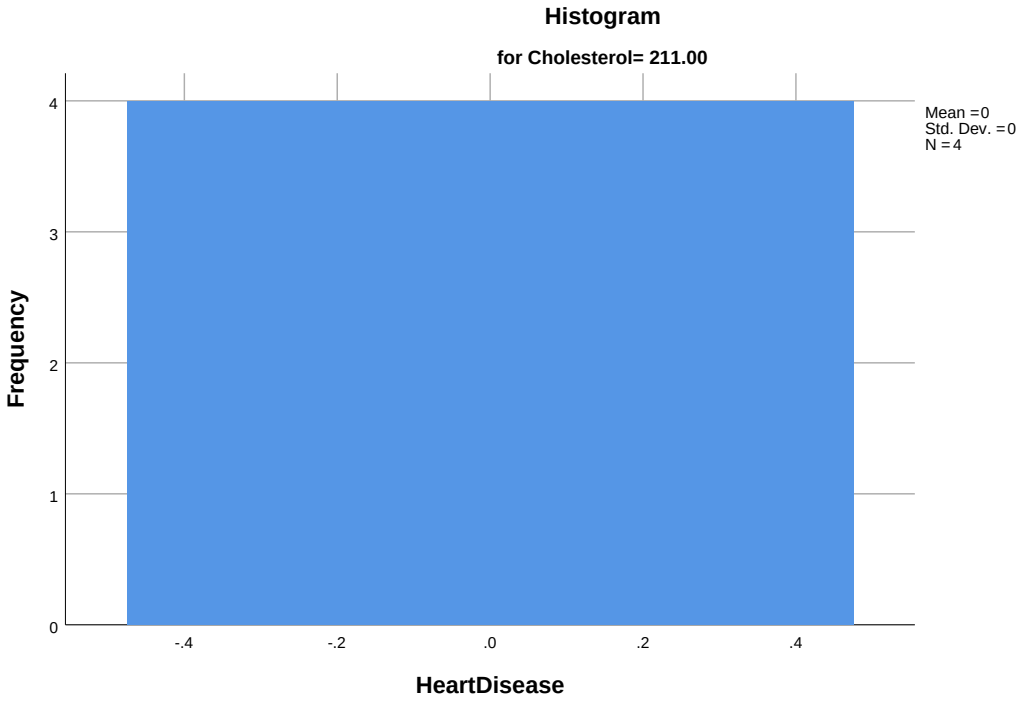

Histogram
for Cholesterol= 204.00
Mean = 0
Std. Dev. = 0
N = 4
Frequency
4
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

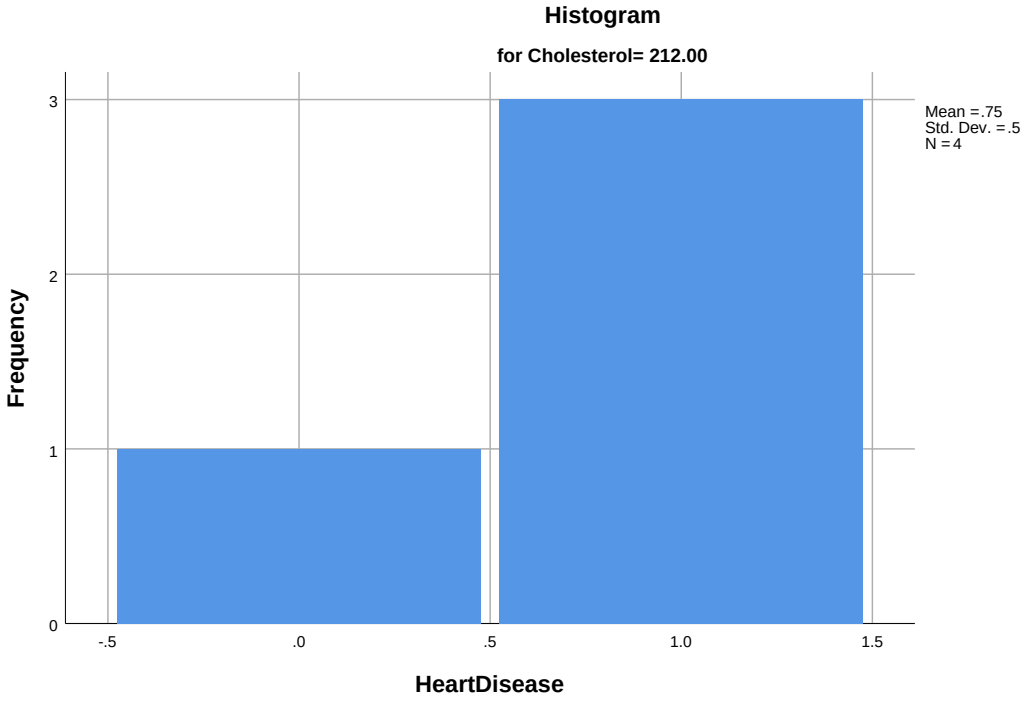

Histogram
for Cholesterol= 206.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

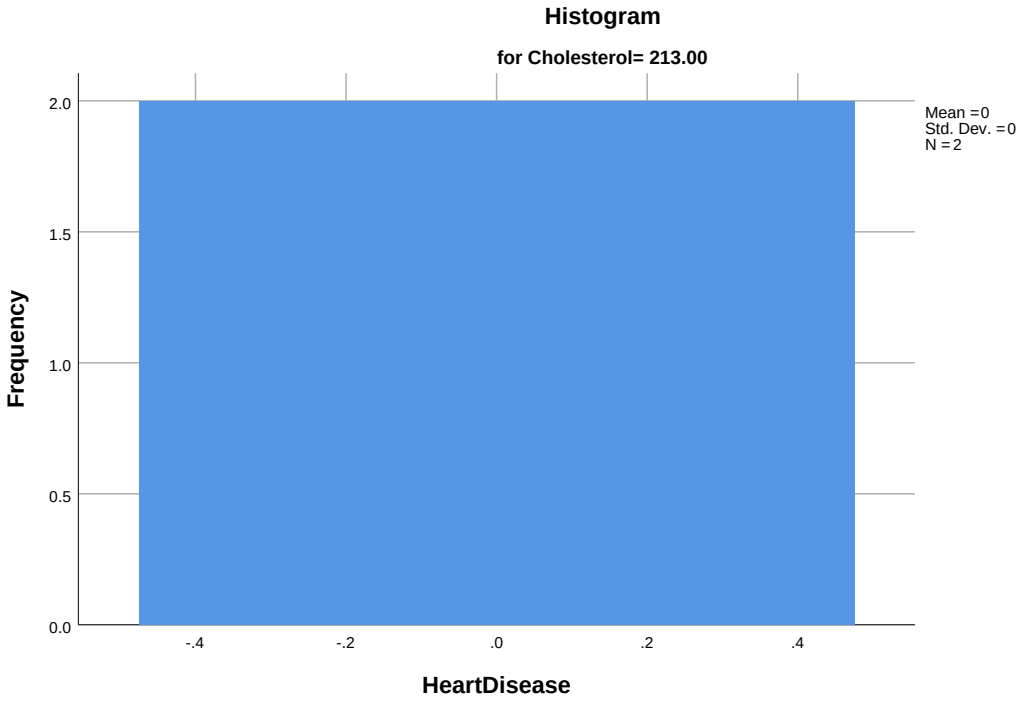

Histogram
for Cholesterol= 207.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

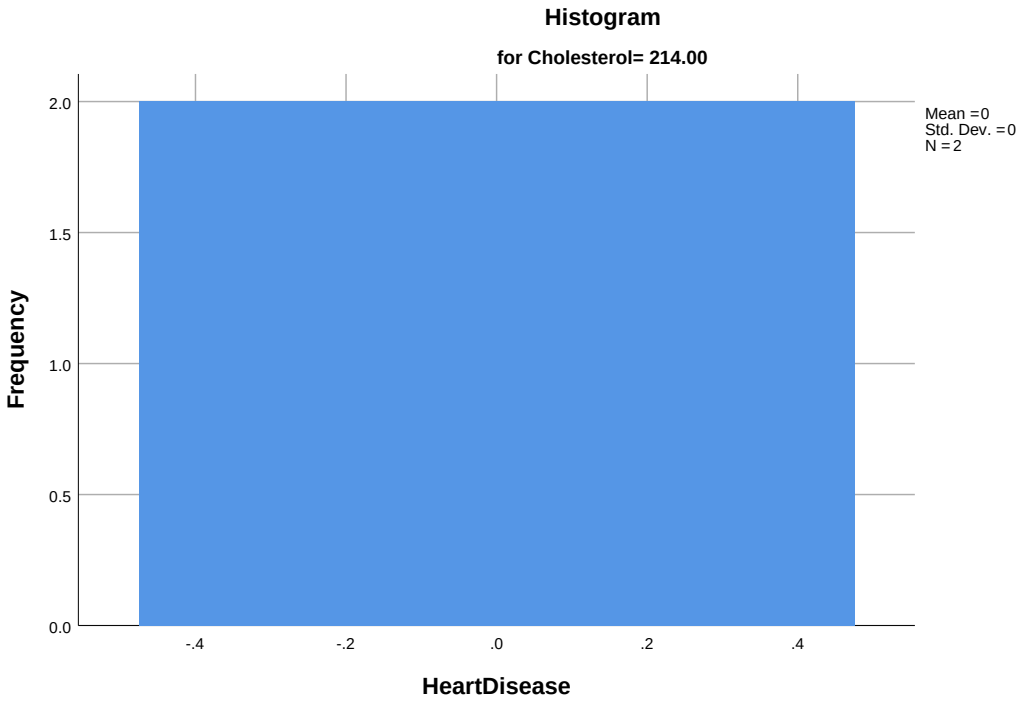

Histogram
for Cholesterol= 208.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

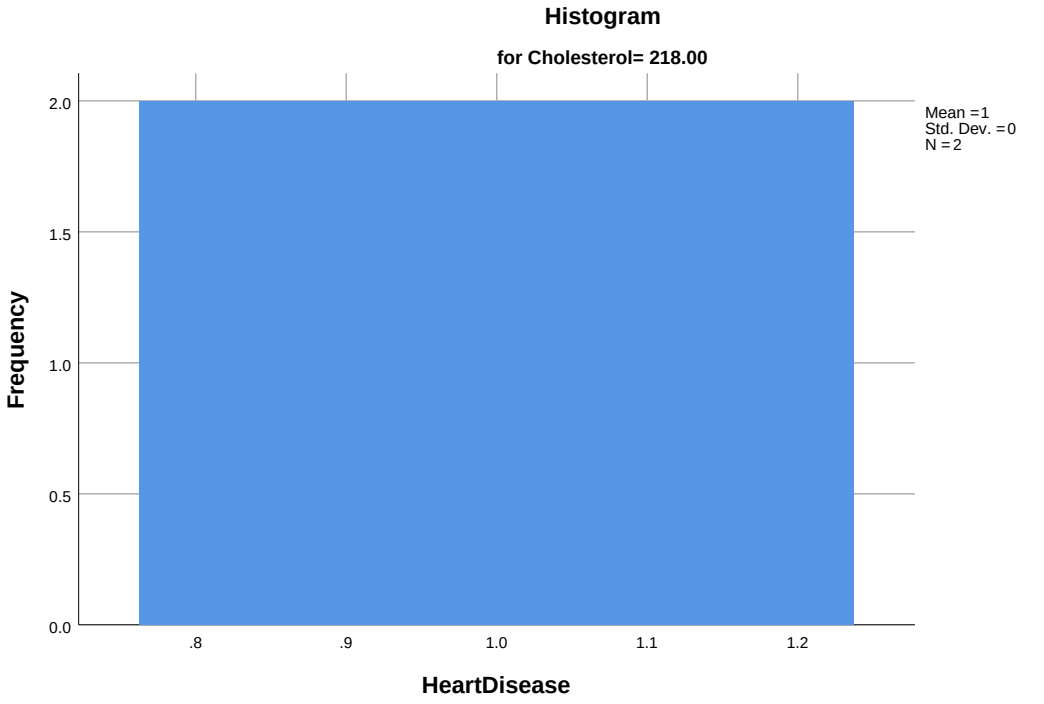

Histogram
for Cholesterol= 209.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

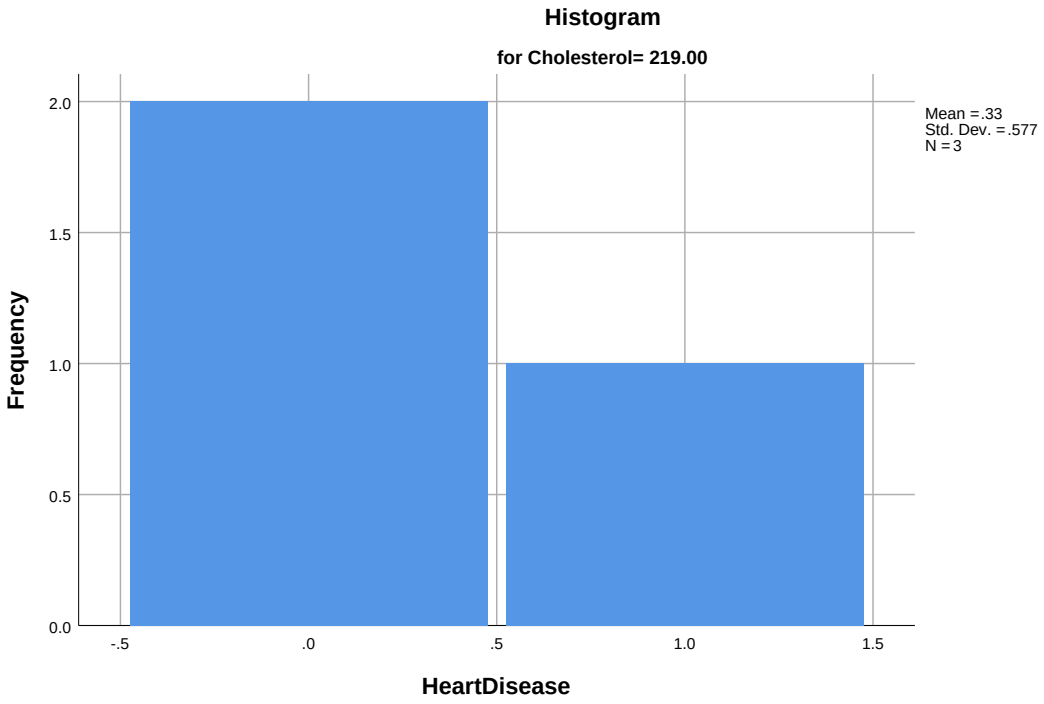

Histogram
for Cholesterol= 211.00
Mean =0
Std. Dev. =0
N =4
Frequency
0
1
2
3
4
-.4
-.2
.0
.2
.4
HeartDisease

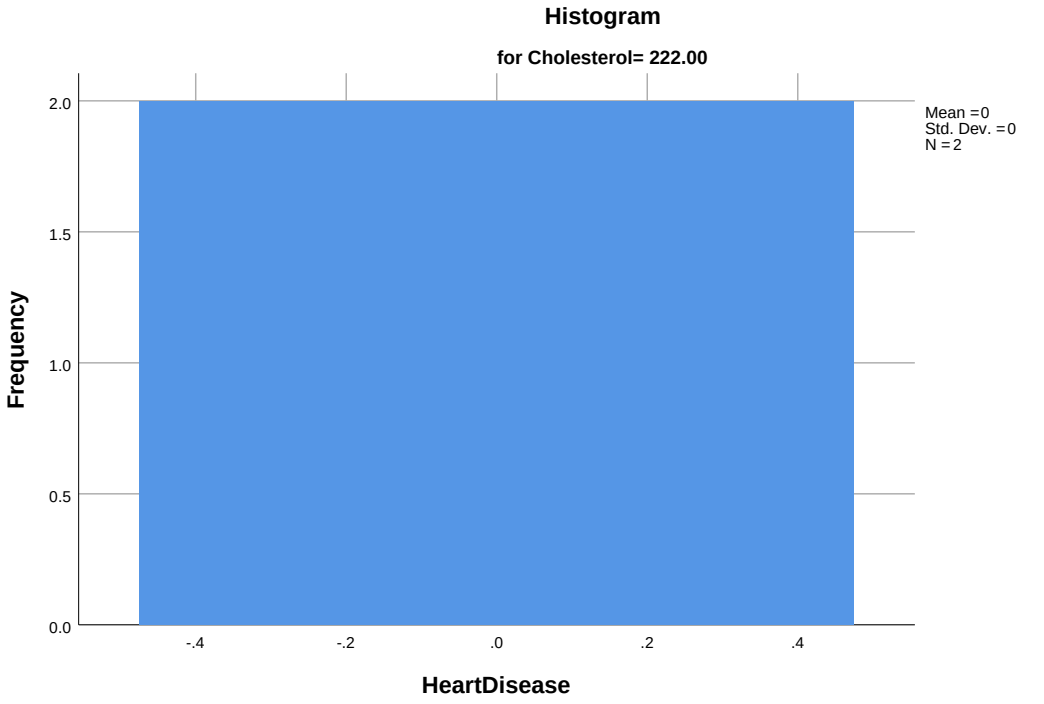

Histogram
for Cholesterol= 212.00
Mean =.75
Std. Dev. =.5
N =4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

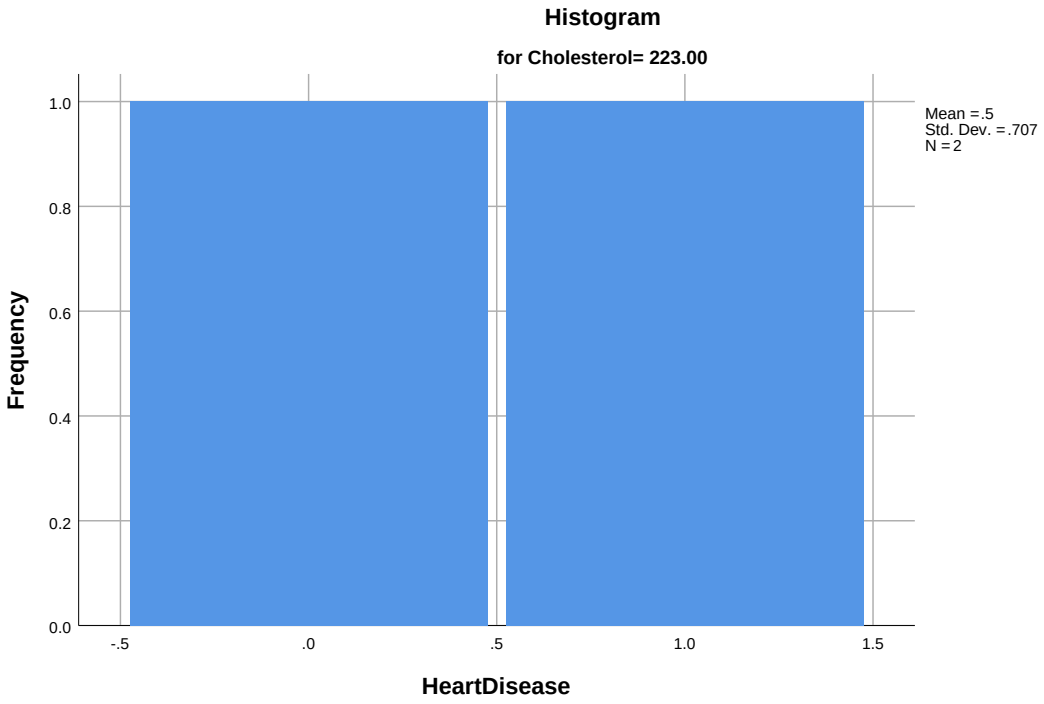

Histogram
for Cholesterol= 213.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

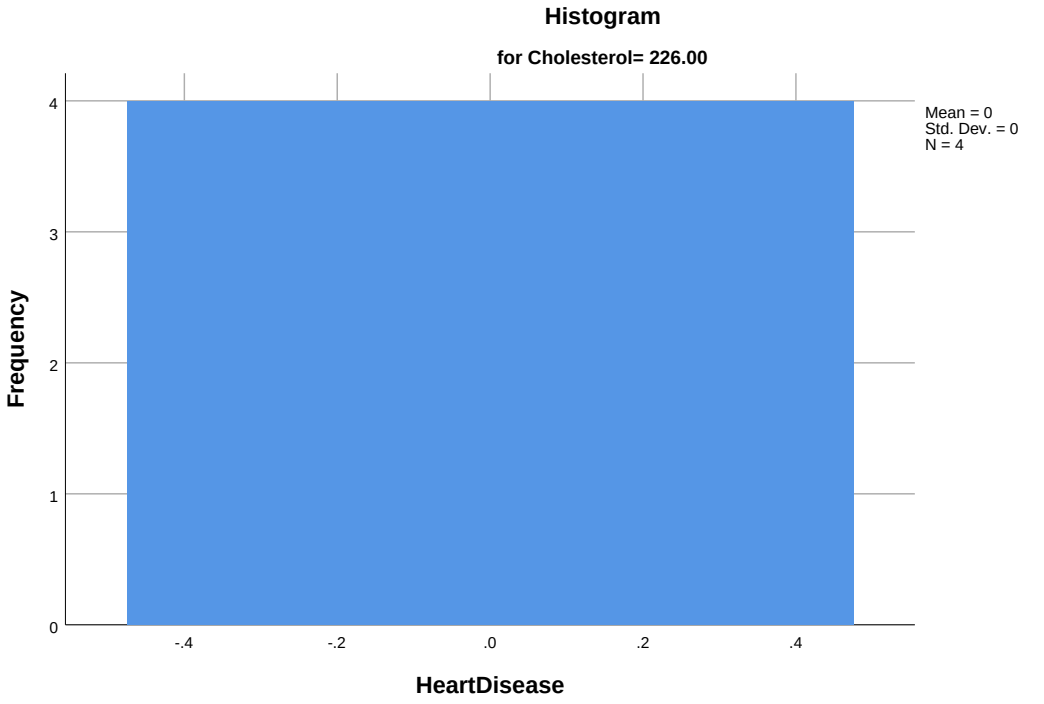

Histogram
for Cholesterol= 214.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

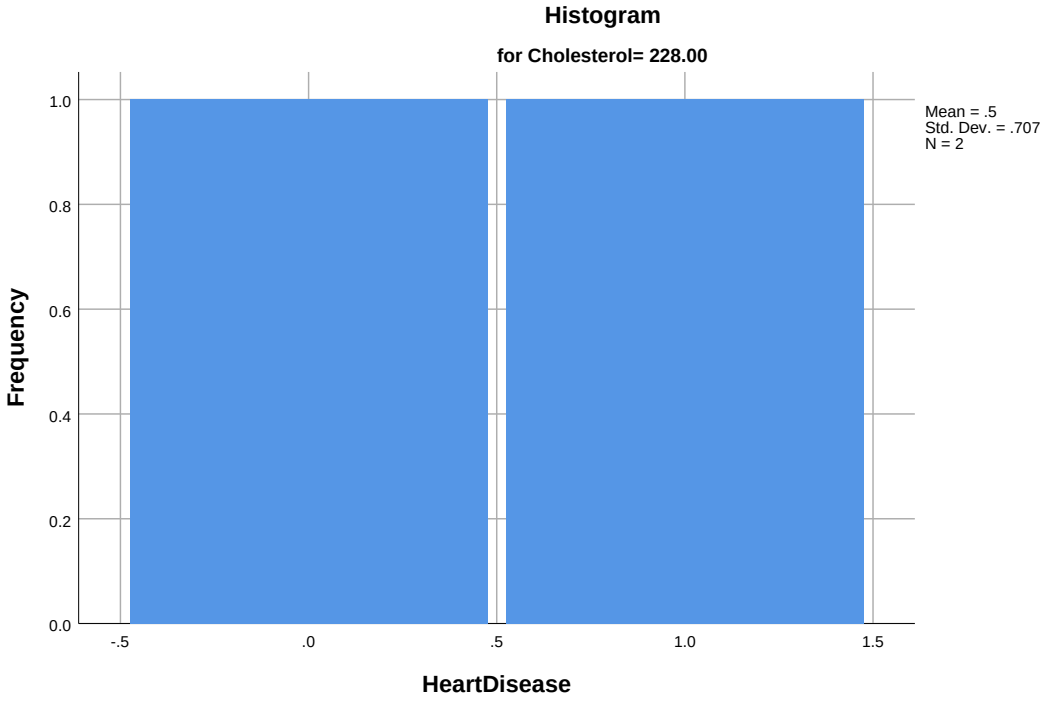

Histogram
for Cholesterol= 218.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

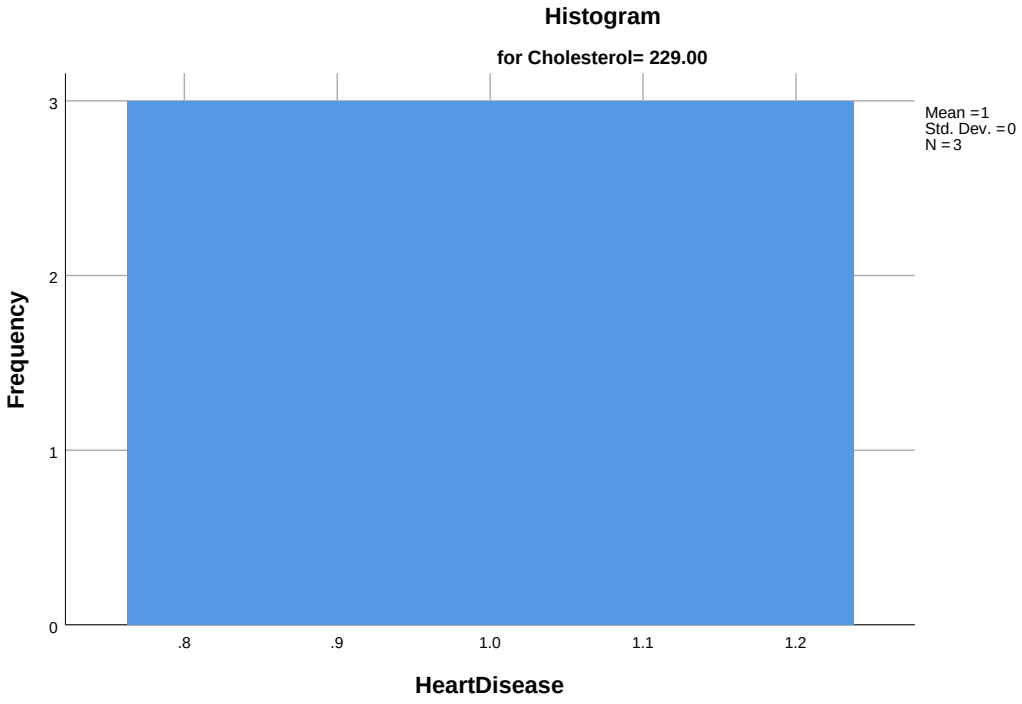

Histogram
for Cholesterol= 219.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

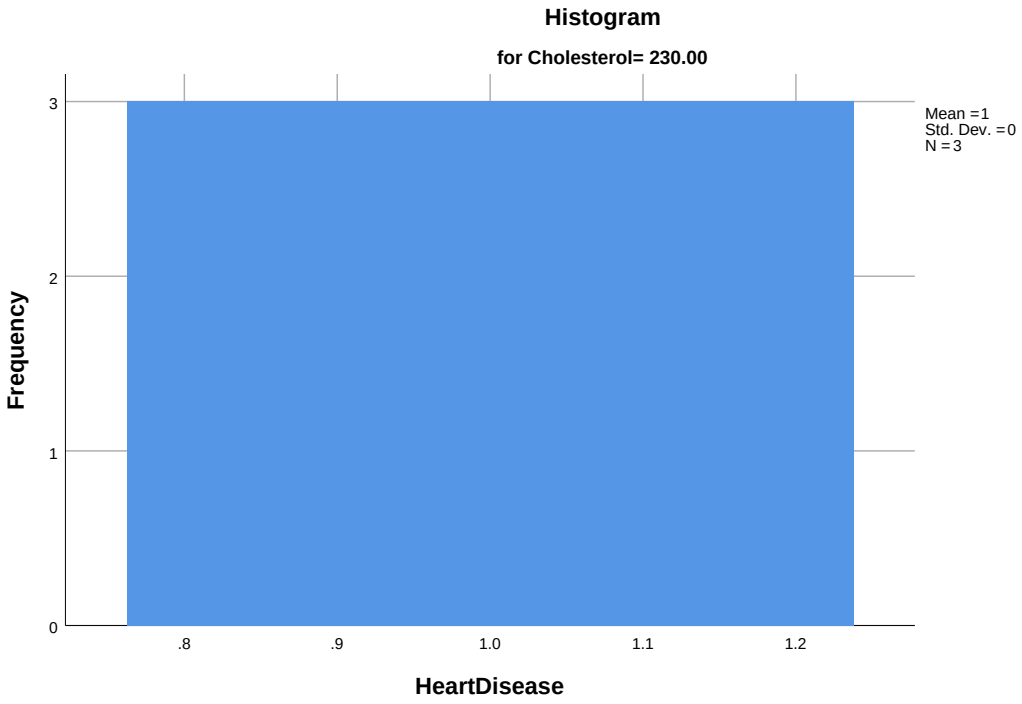

Histogram
for Cholesterol= 222.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

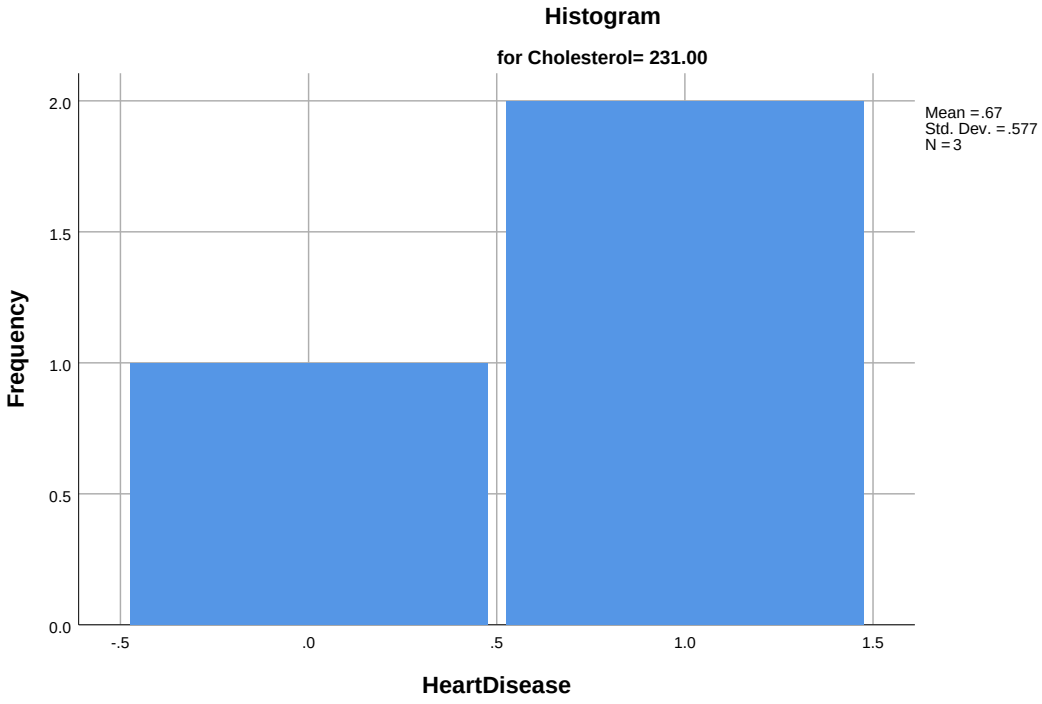

Histogram
for Cholesterol= 223.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

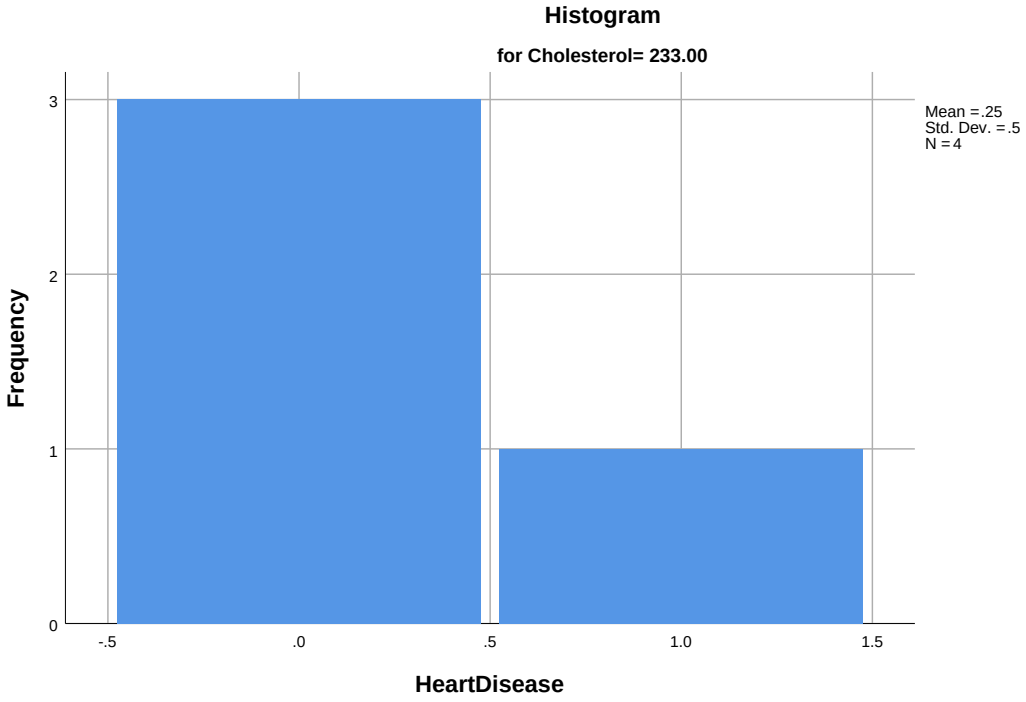

Histogram
for Cholesterol= 226.00
Mean = 0
Std. Dev. = 0
N = 4
Frequency
0
1
2
3
4
-.4
-.2
.0
.2
.4
HeartDisease

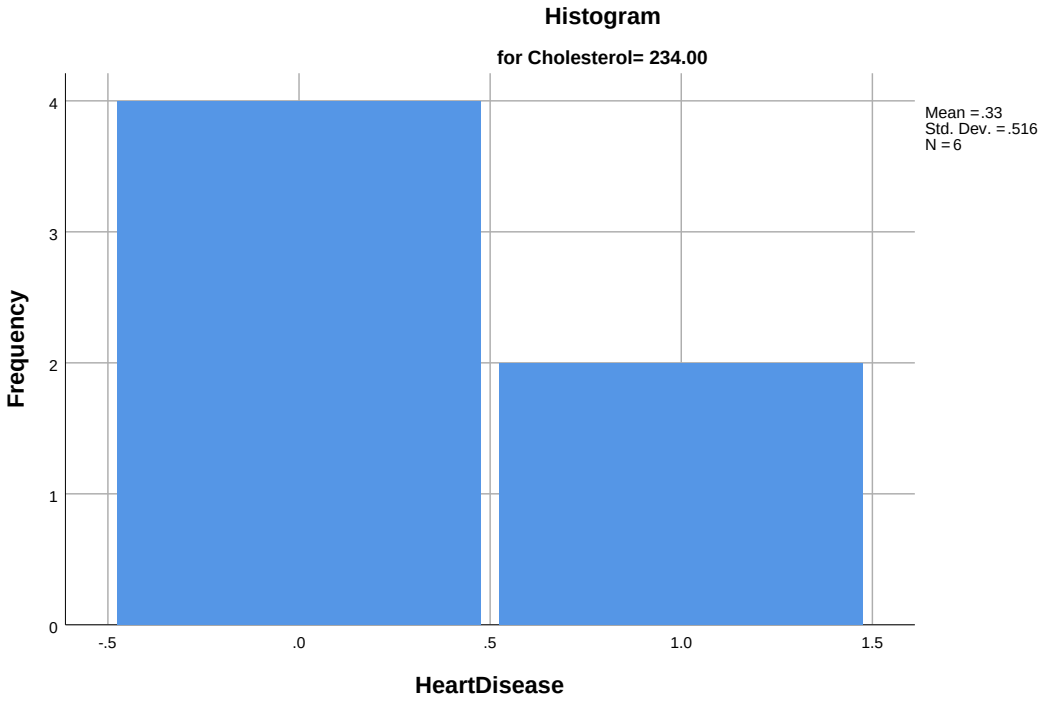

Histogram
for Cholesterol= 228.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
0.0
0.2
0.4
0.6
0.8
1.0
-.5
.0
.5
1.0
1.5
HeartDisease

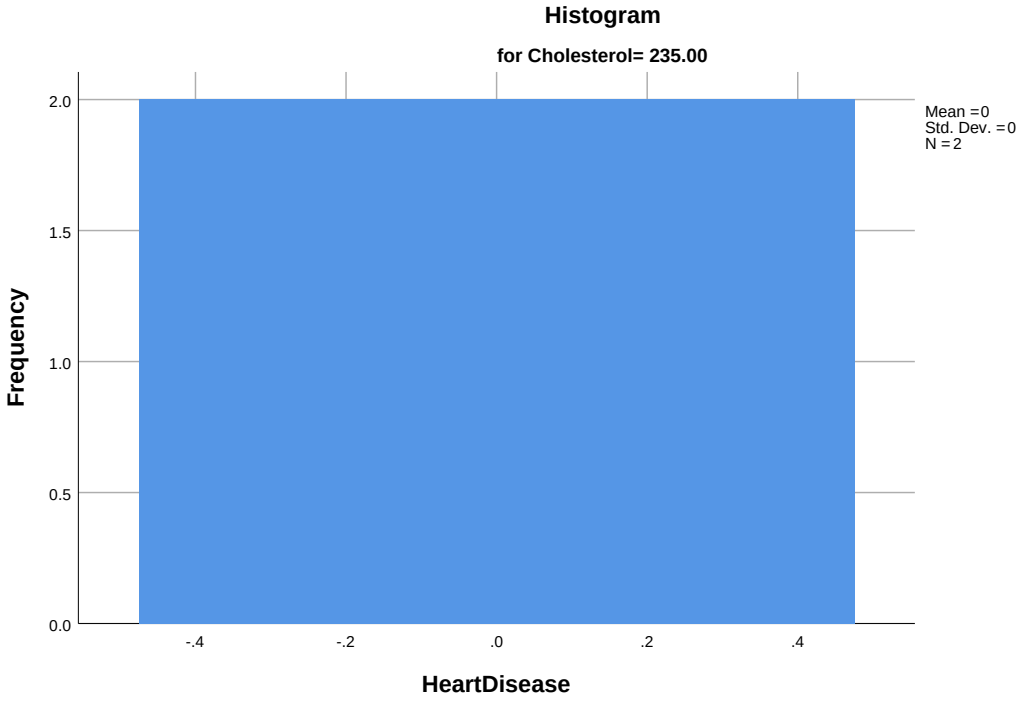

Histogram
for Cholesterol= 229.00
Mean =1
Std. Dev. =0
N =3
Frequency
0
1
2
3
.8
.9
1.0
1.1
1.2
HeartDisease

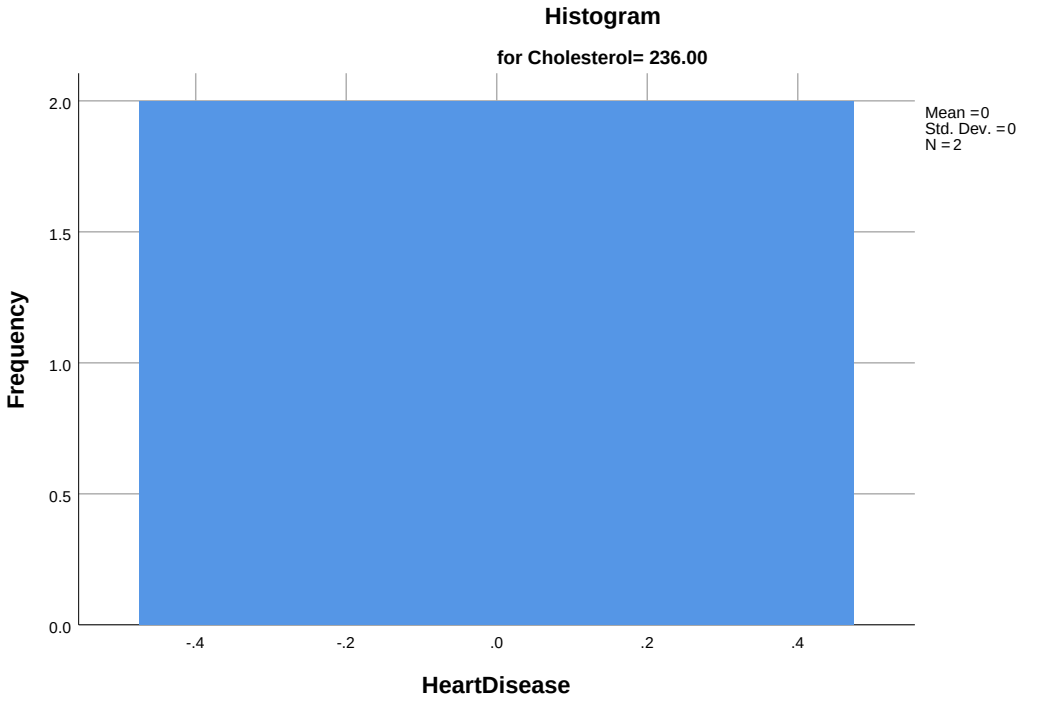

Histogram
for Cholesterol= 230.00
Mean =1
Std. Dev. =0
N =3
Frequency
0
1
2
3
.8
.9
1.0
1.1
1.2
HeartDisease

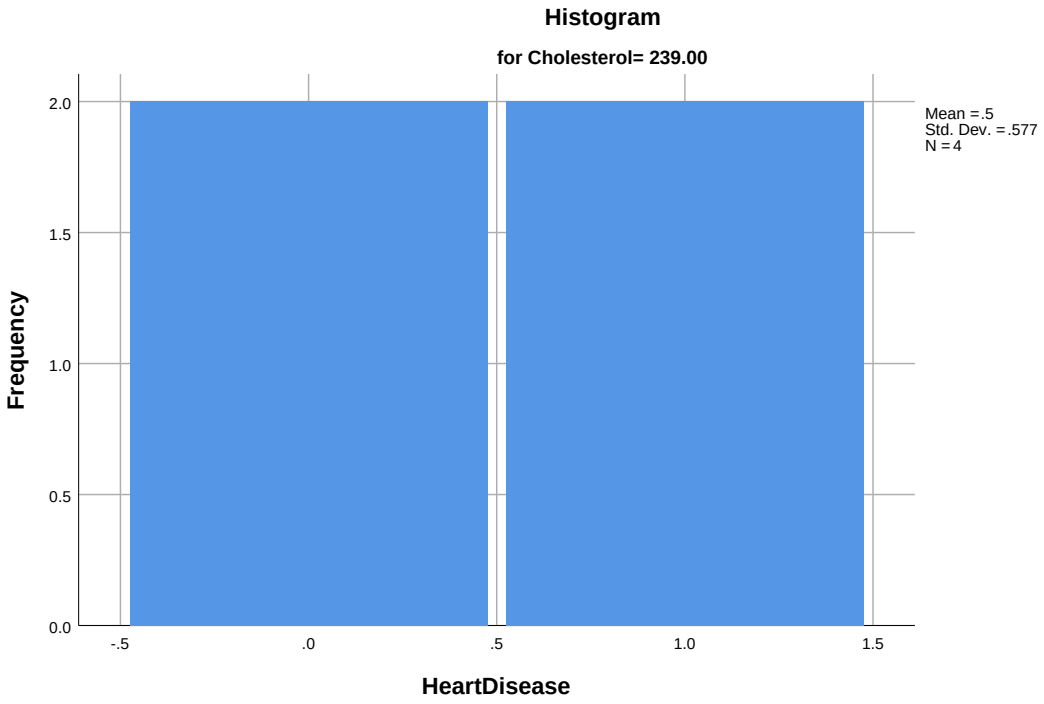

Histogram
for Cholesterol= 231.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

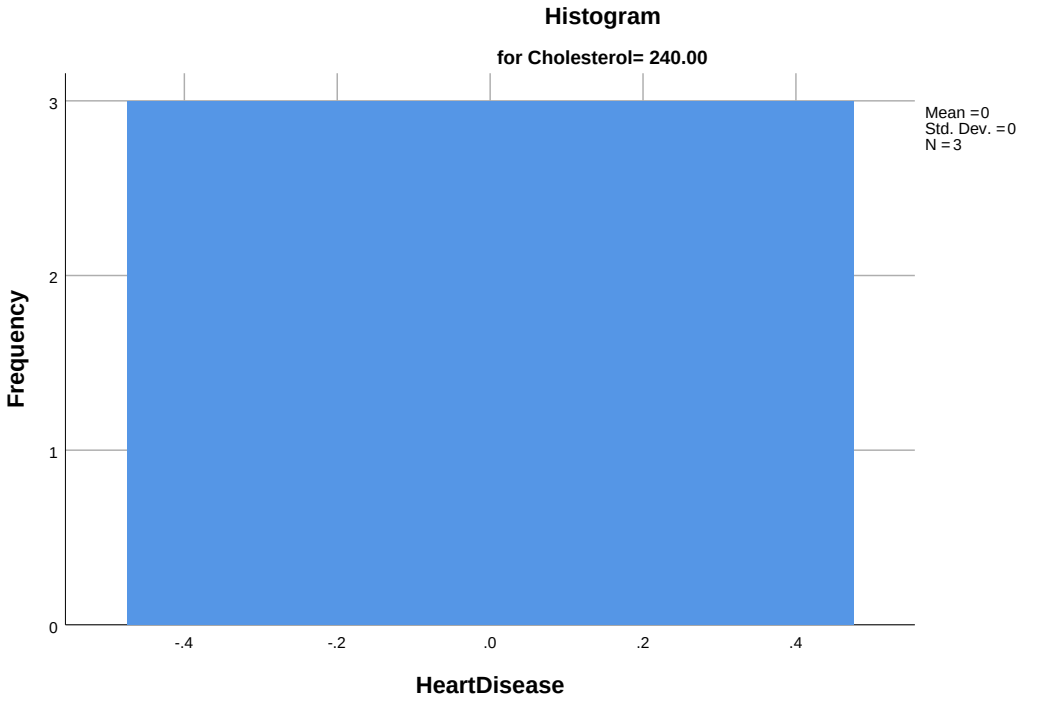

Histogram
for Cholesterol= 233.00
Mean =.25
Std. Dev. =.5
N = 4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

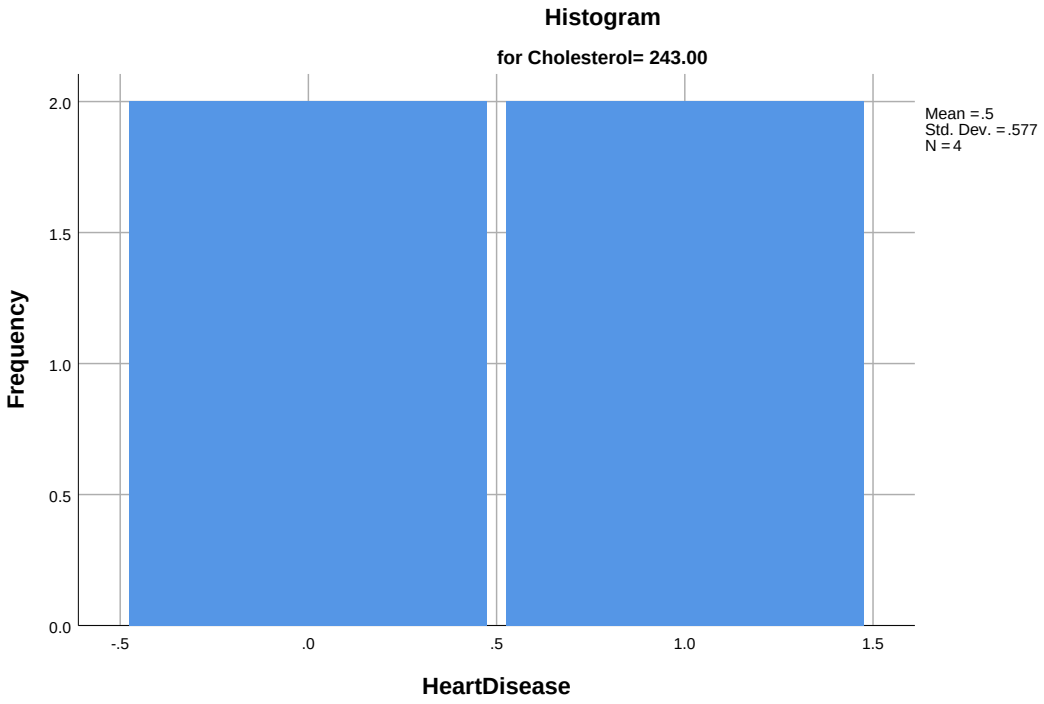

Histogram
for Cholesterol= 234.00
Mean = .33
Std. Dev. = .516
N = 6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

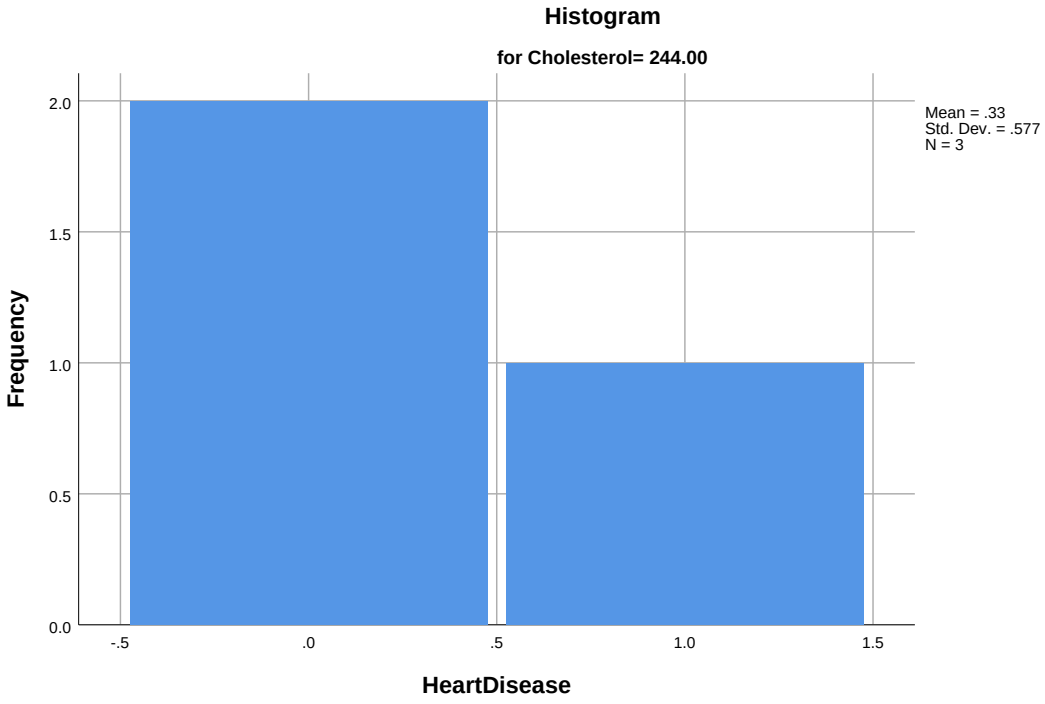

Histogram
for Cholesterol= 235.00
Mean = 0
Std. Dev. = 0
N = 2
Frequency
0.0
0.5
1.0
1.5
2.0
-.4
-.2
.0
.2
.4
HeartDisease

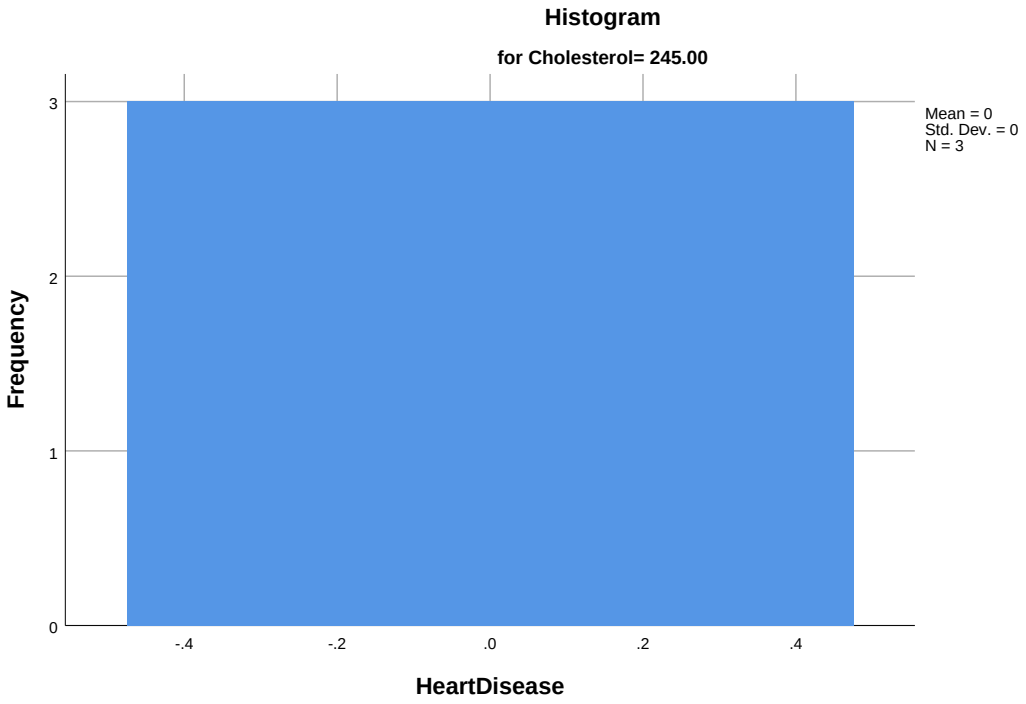

Histogram
for Cholesterol= 236.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

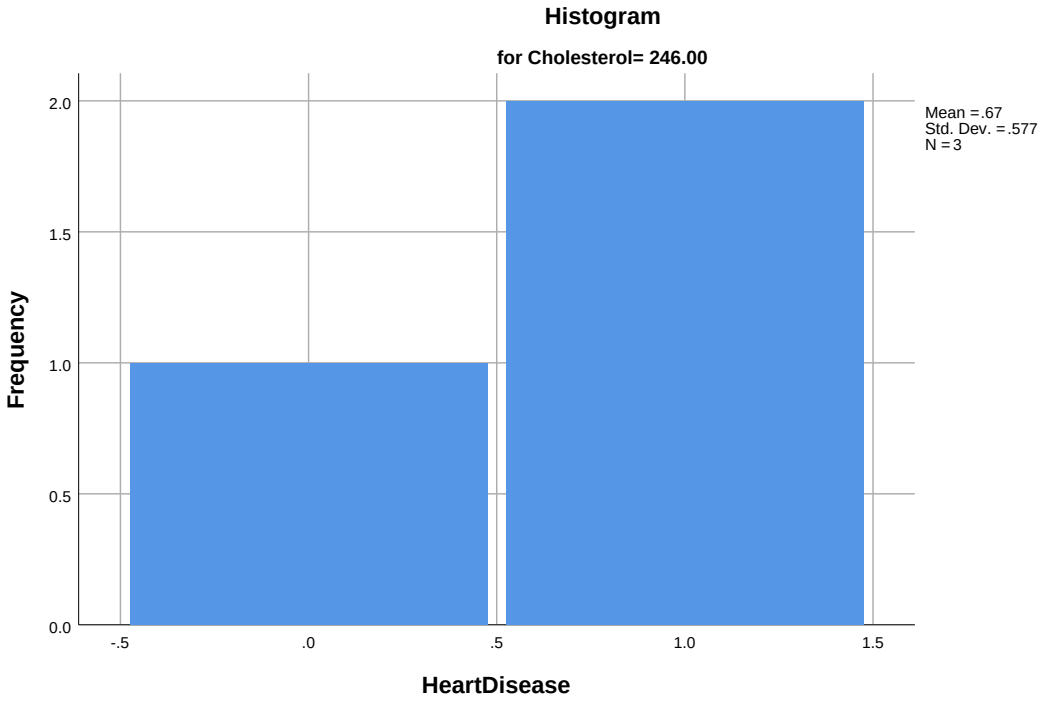

Histogram
for Cholesterol= 239.00
Mean =.5
Std. Dev. =.577
N =4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

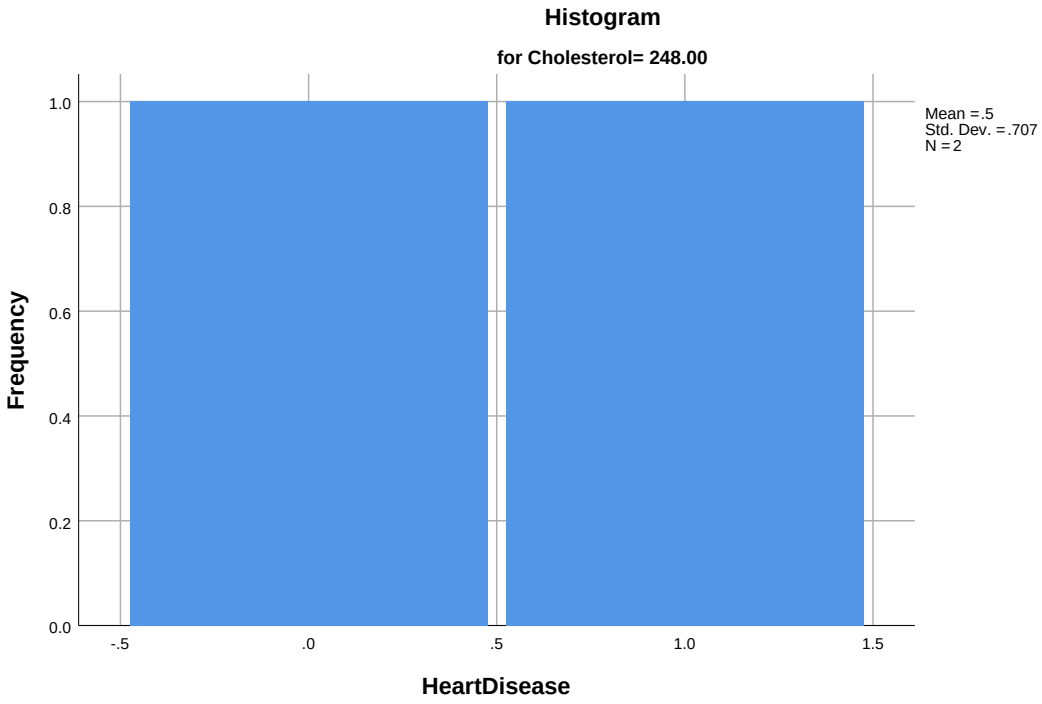

Histogram
for Cholesterol= 240.00
Mean =0
Std. Dev. =0
N =3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

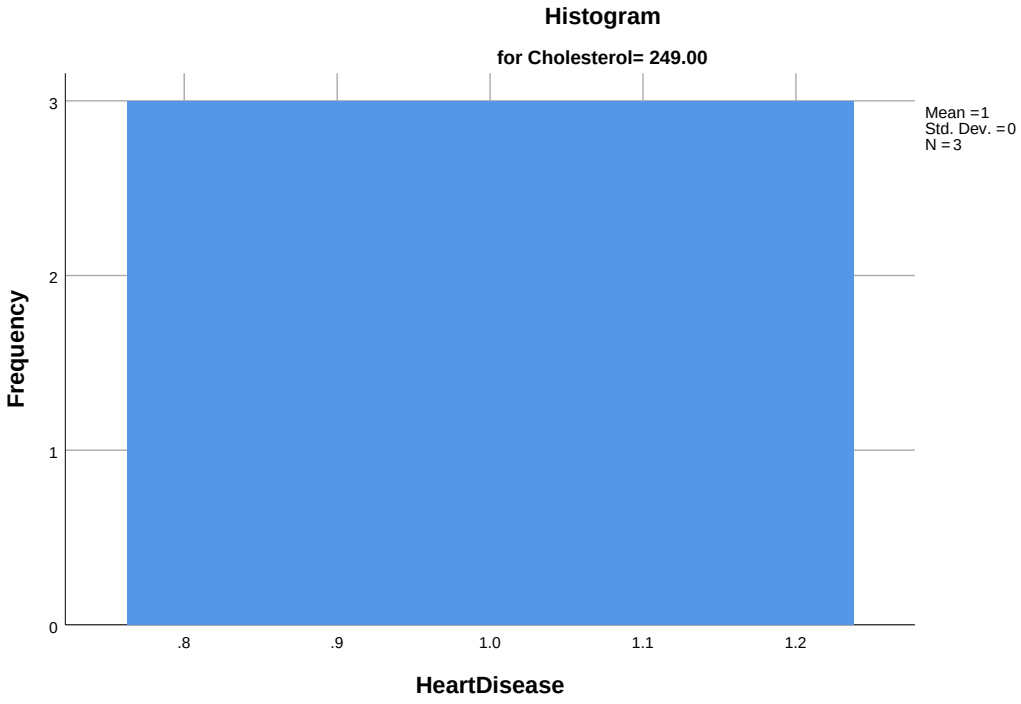

Histogram
for Cholesterol= 243.00
Mean =.5
Std. Dev. =.577
N =4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

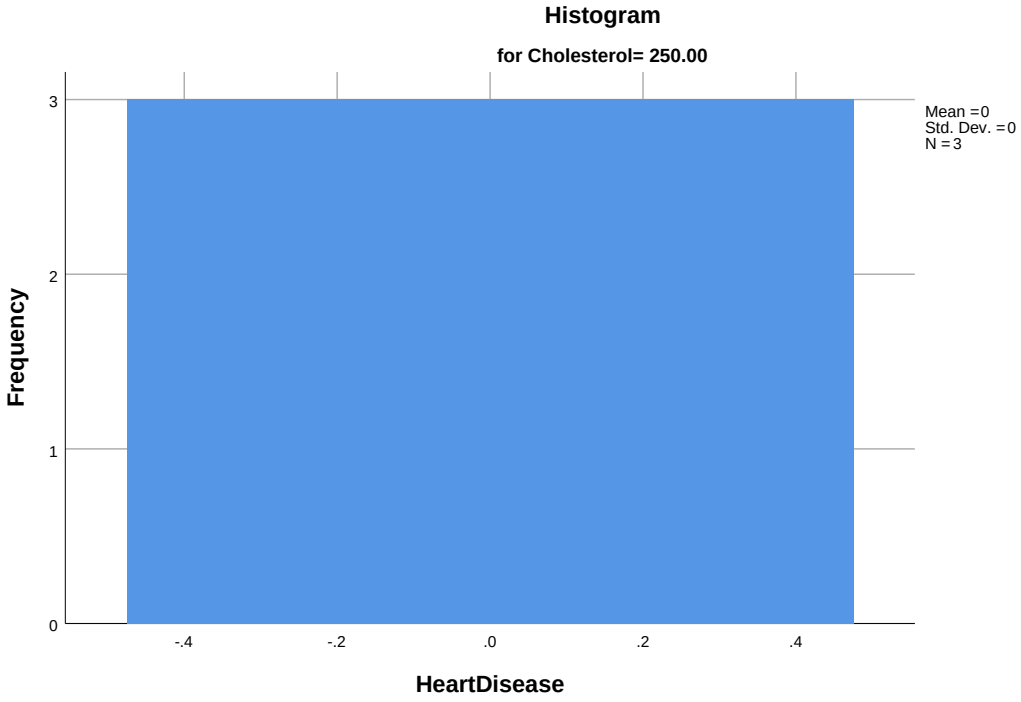

Histogram
for Cholesterol= 244.00
Mean = .33
Std. Dev. = .577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

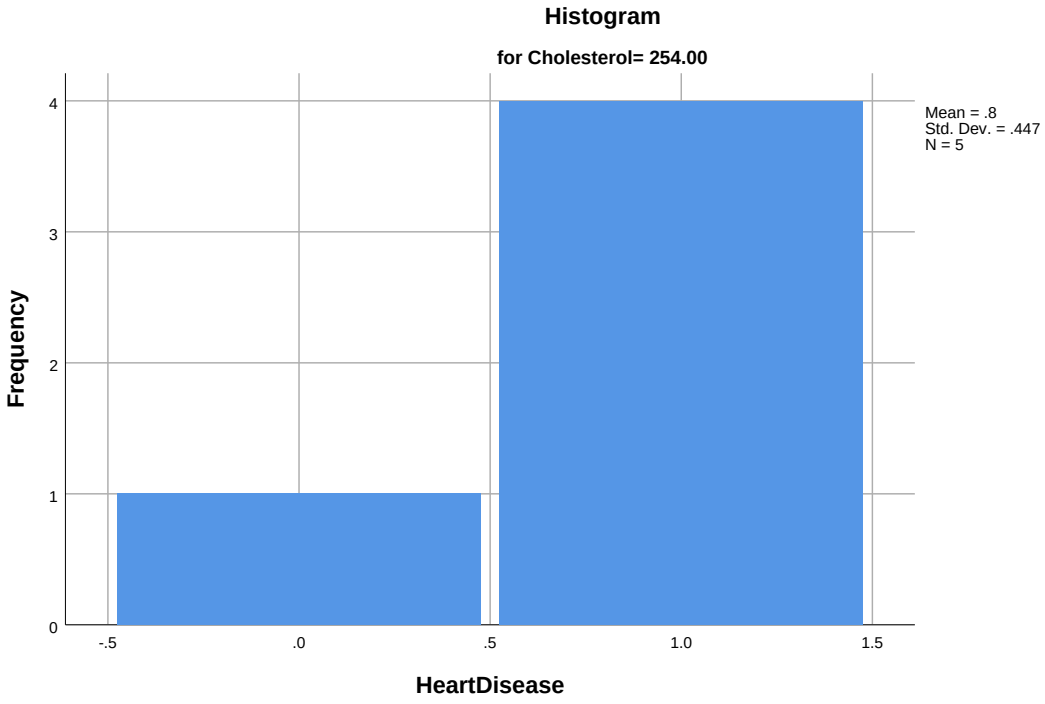

Histogram
for Cholesterol= 245.00
Mean = 0
Std. Dev. = 0
N = 3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

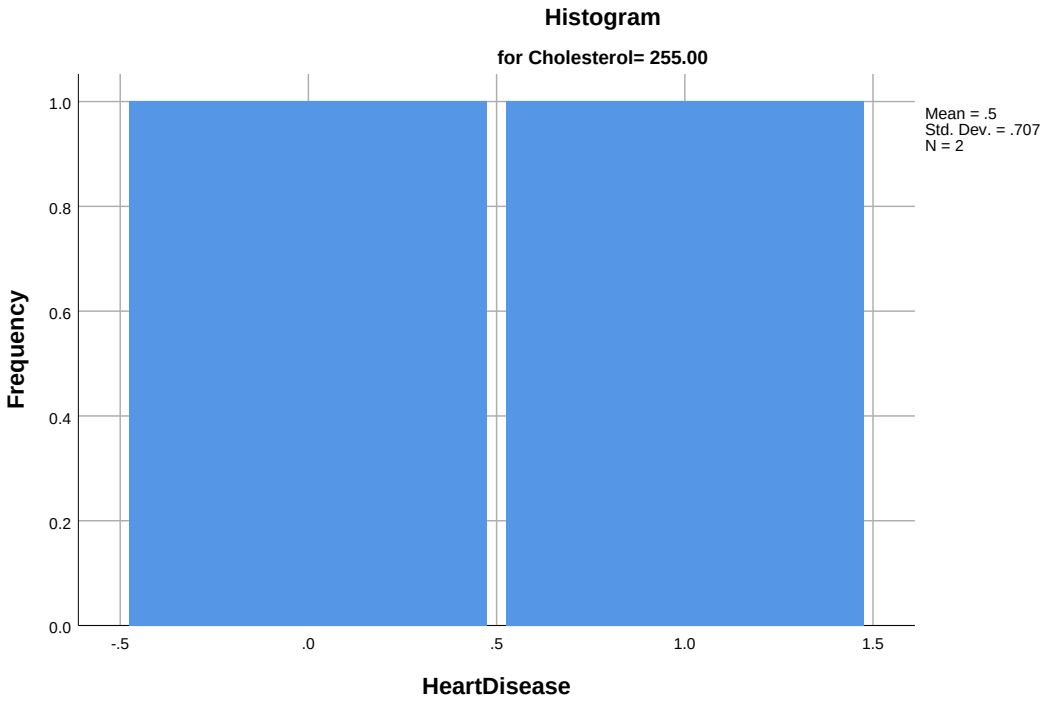

Histogram
for Cholesterol= 246.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

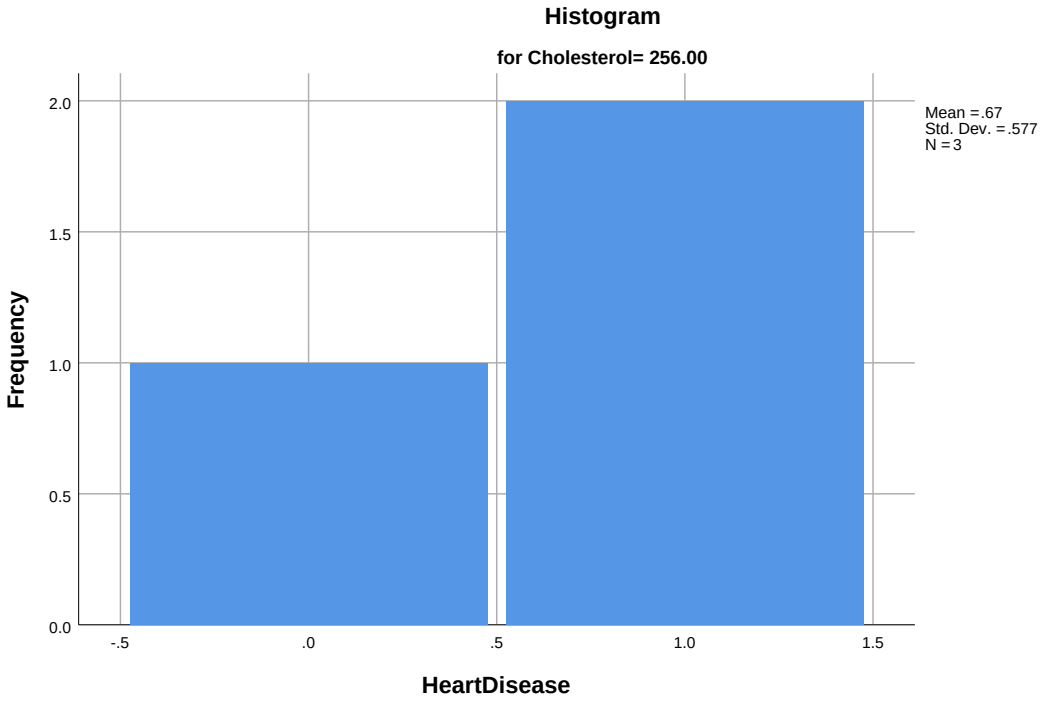

Histogram
for Cholesterol= 248.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

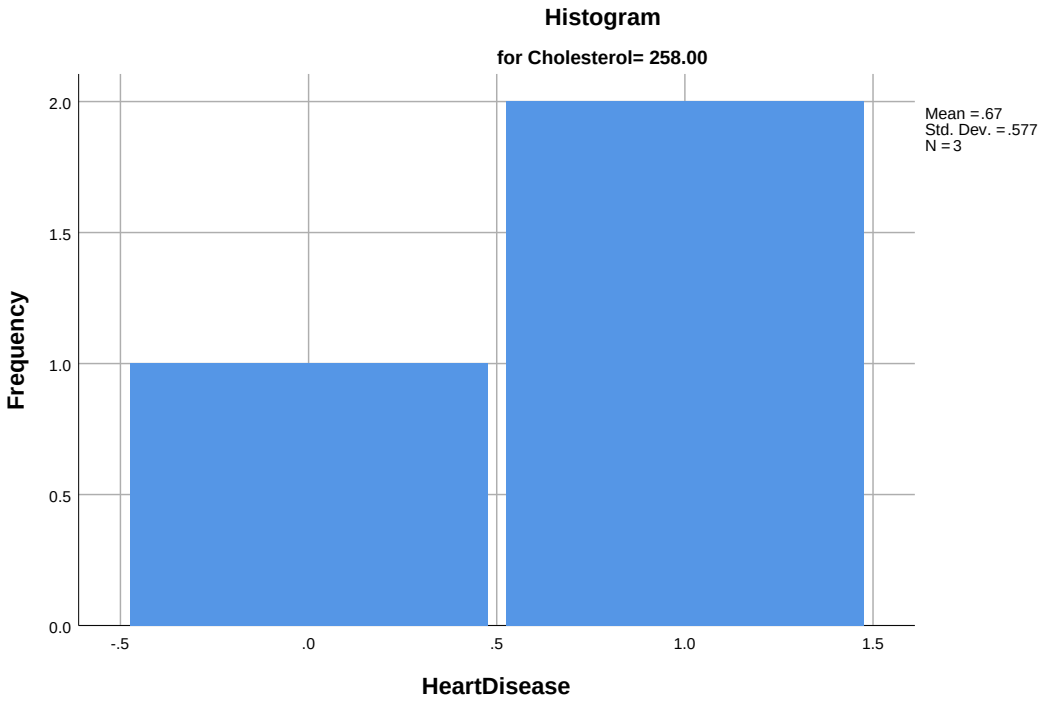

Histogram
for Cholesterol= 249.00
Mean =1
Std. Dev. =0
N =3
Frequency
3
2
1
0
.8
.9
1.0
1.1
1.2
HeartDisease

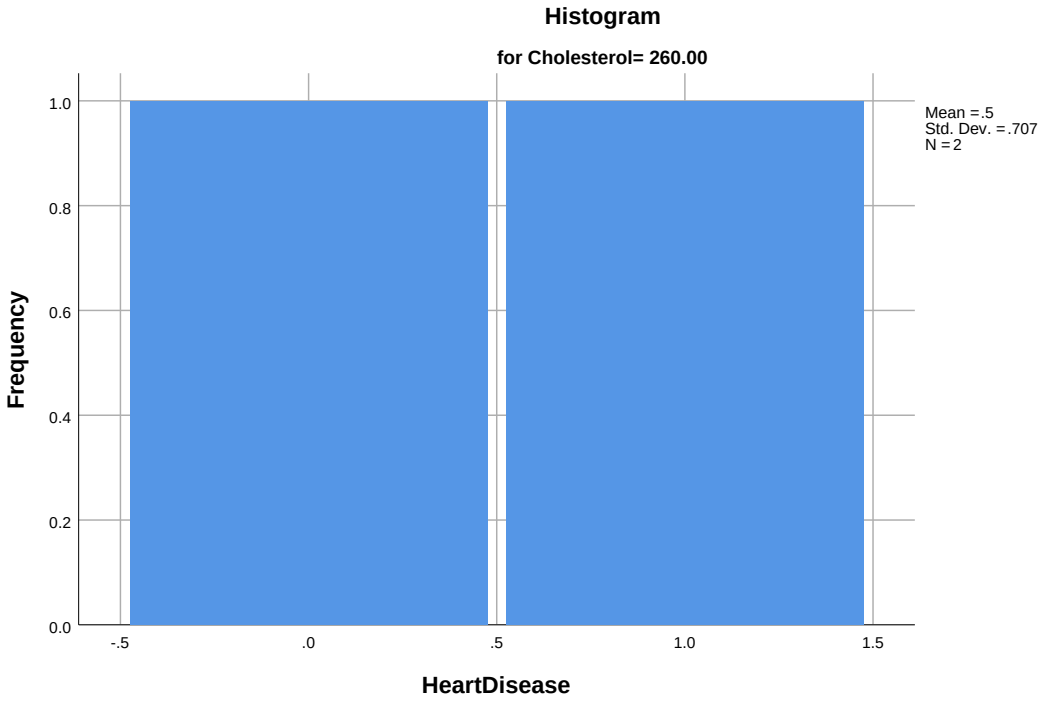

Histogram
for Cholesterol= 250.00
Mean =0
Std. Dev. =0
N =3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

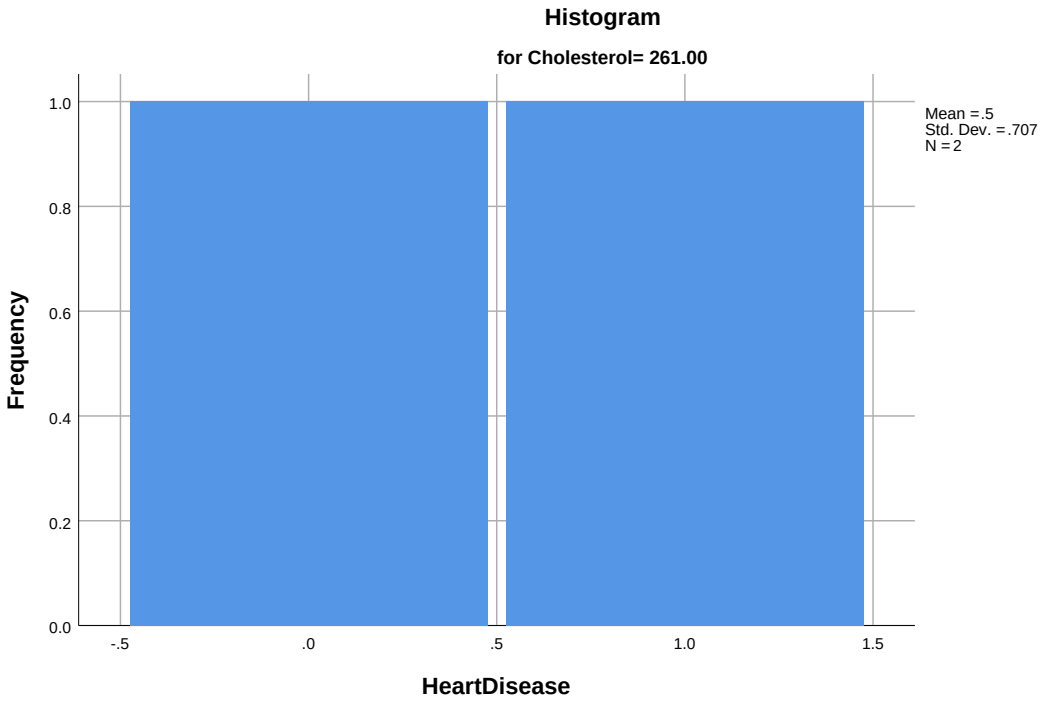

Histogram
for Cholesterol= 254.00
Mean = .8
Std. Dev. = .447
N = 5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

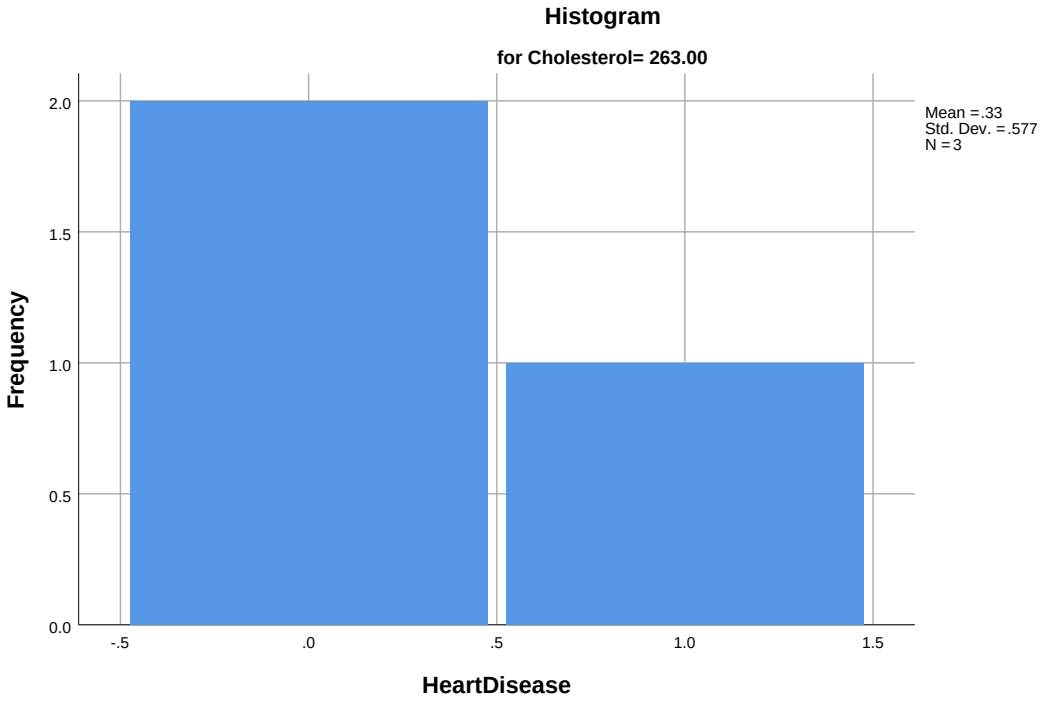

Histogram
for Cholesterol= 255.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
0.0
0.2
0.4
0.6
0.8
1.0
-.5
.0
.5
1.0
1.5
HeartDisease

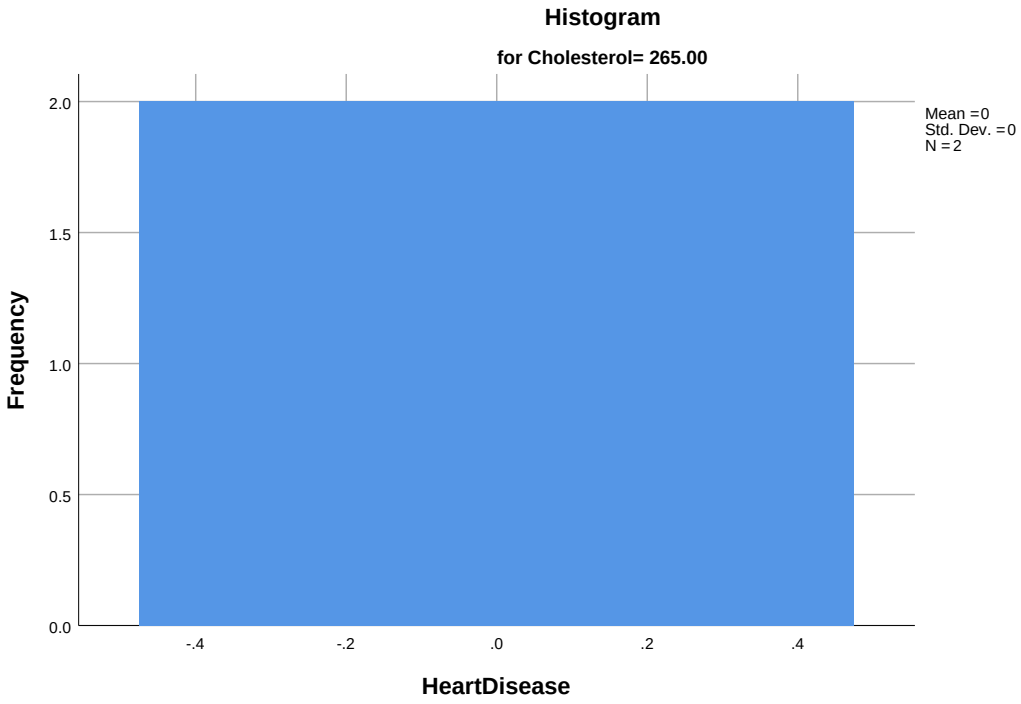

Histogram
for Cholesterol= 256.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

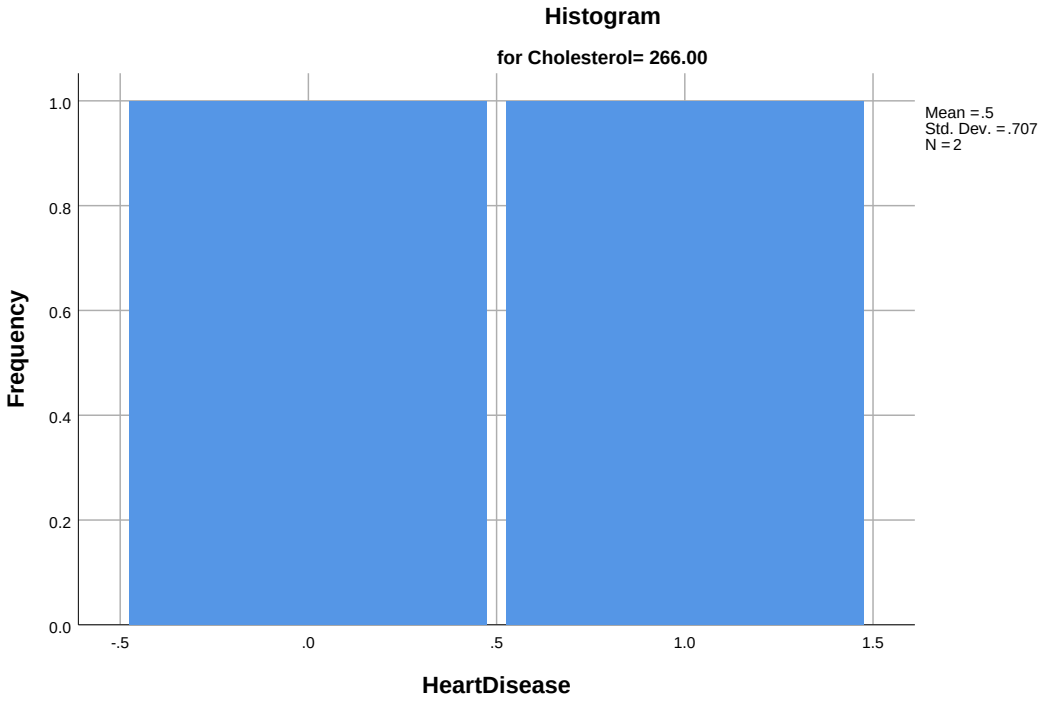

Histogram
for Cholesterol= 258.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

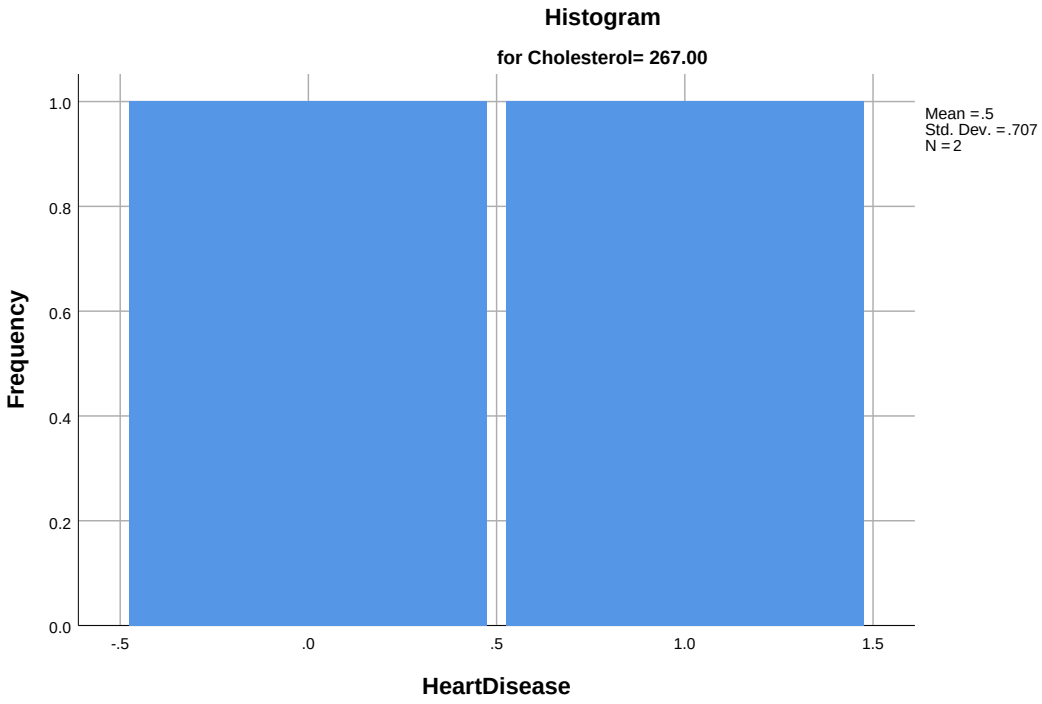

Histogram
for Cholesterol= 260.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

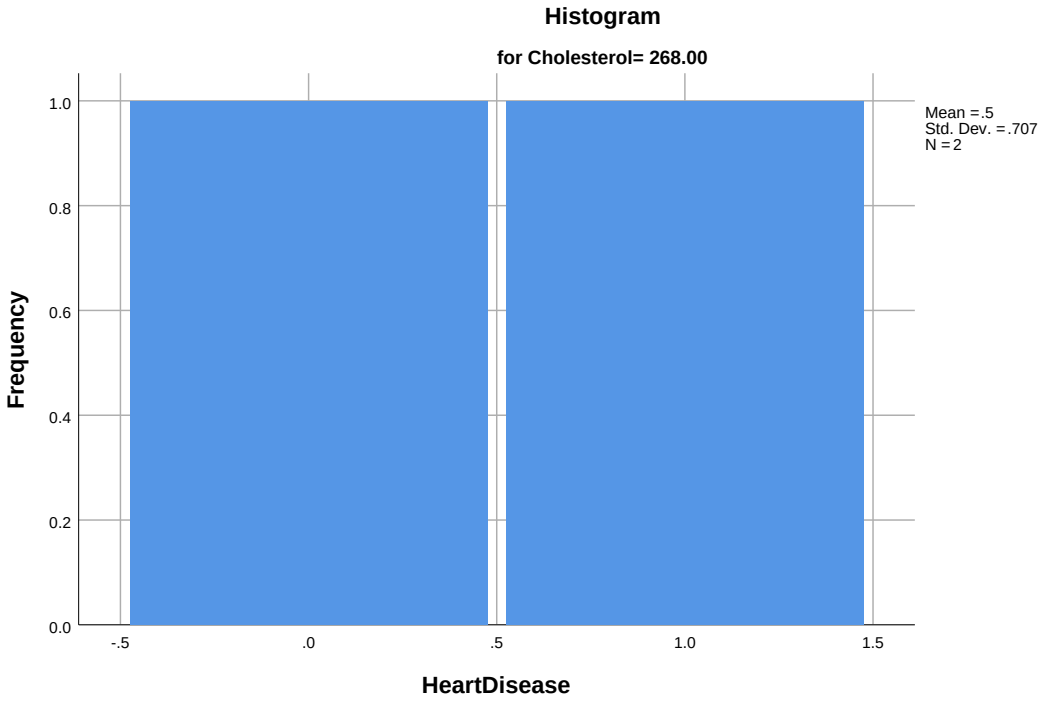

Histogram
for Cholesterol= 261.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

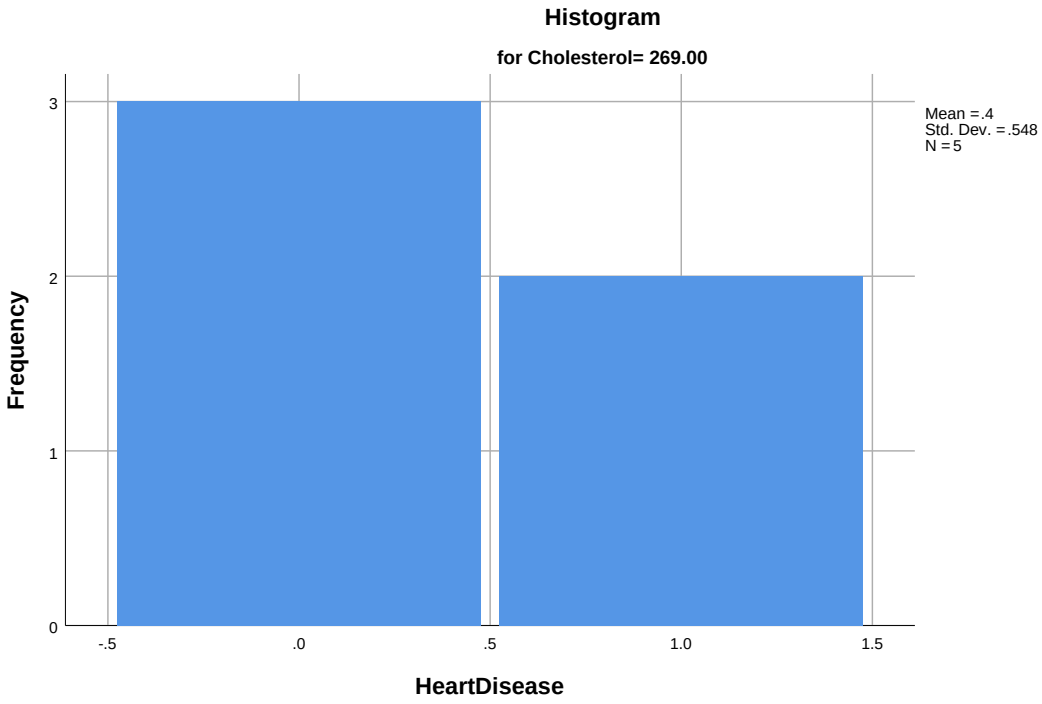

Histogram
for Cholesterol= 263.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

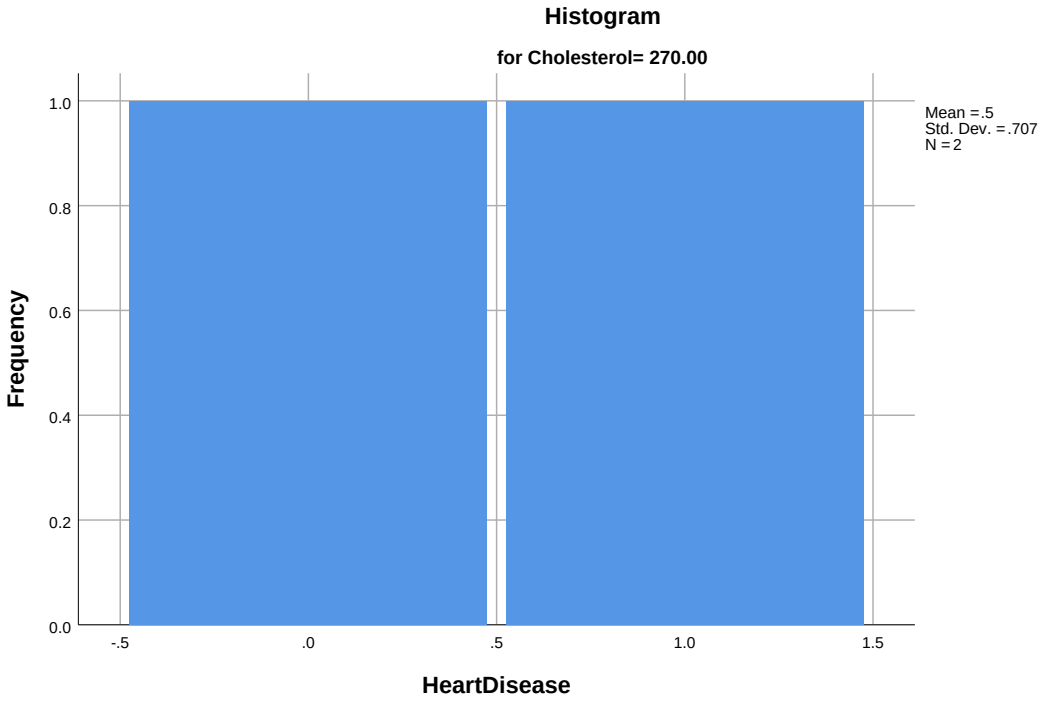

Histogram
for Cholesterol= 265.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

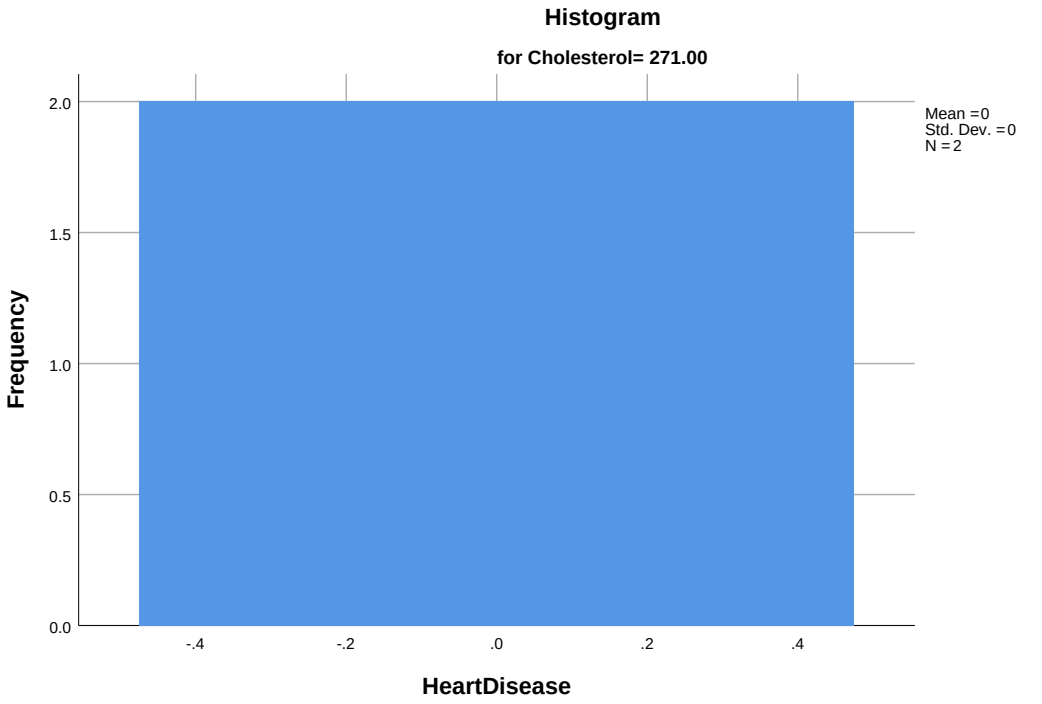

Histogram
for Cholesterol= 266.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

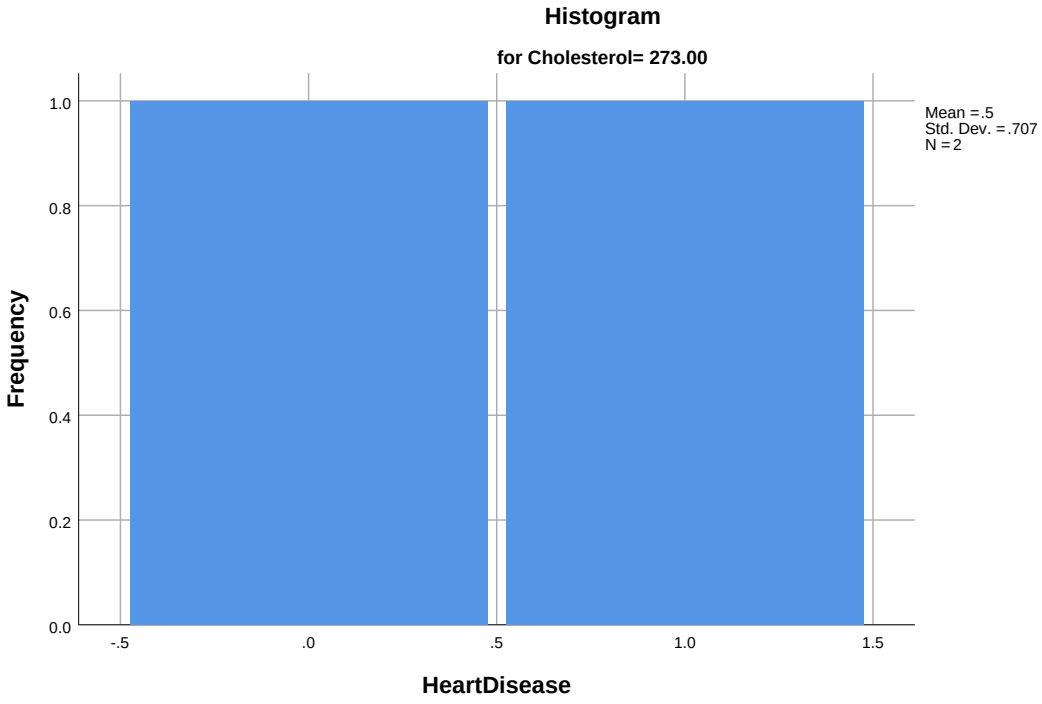

Histogram
for Cholesterol= 267.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

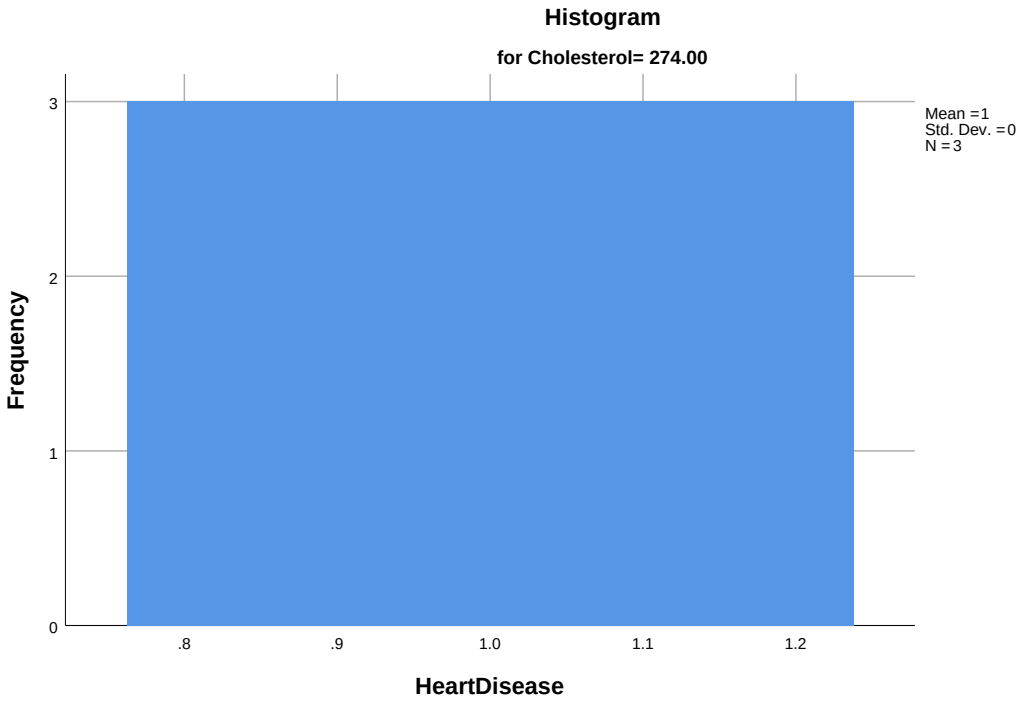

Histogram
for Cholesterol= 268.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

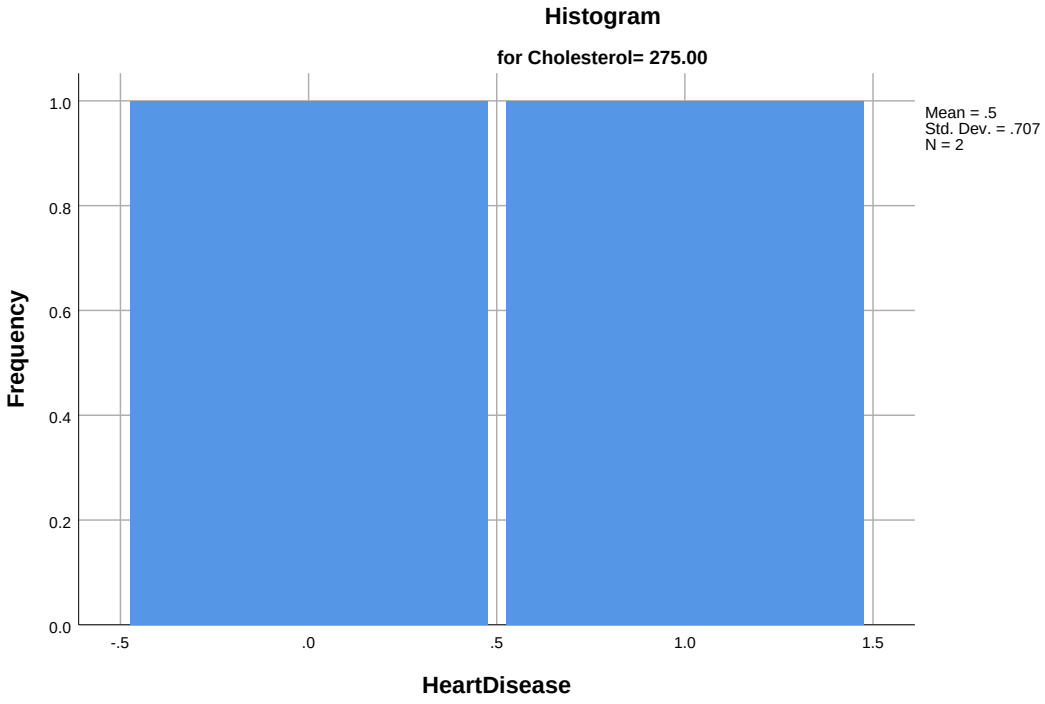

Histogram
for Cholesterol= 269.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

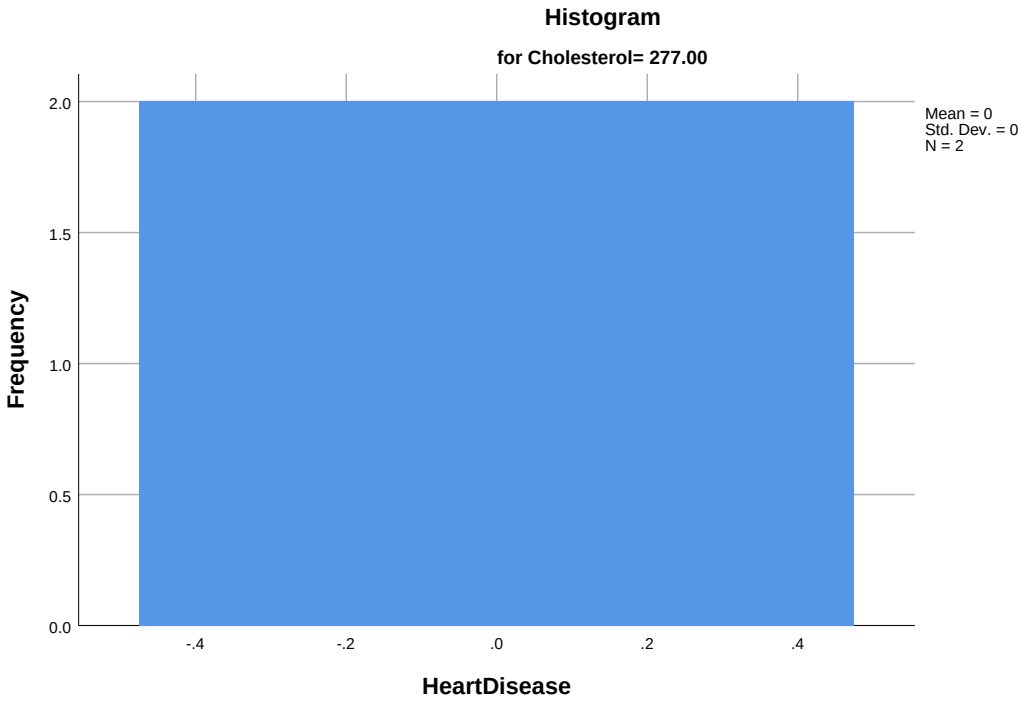

Histogram
for Cholesterol= 270.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

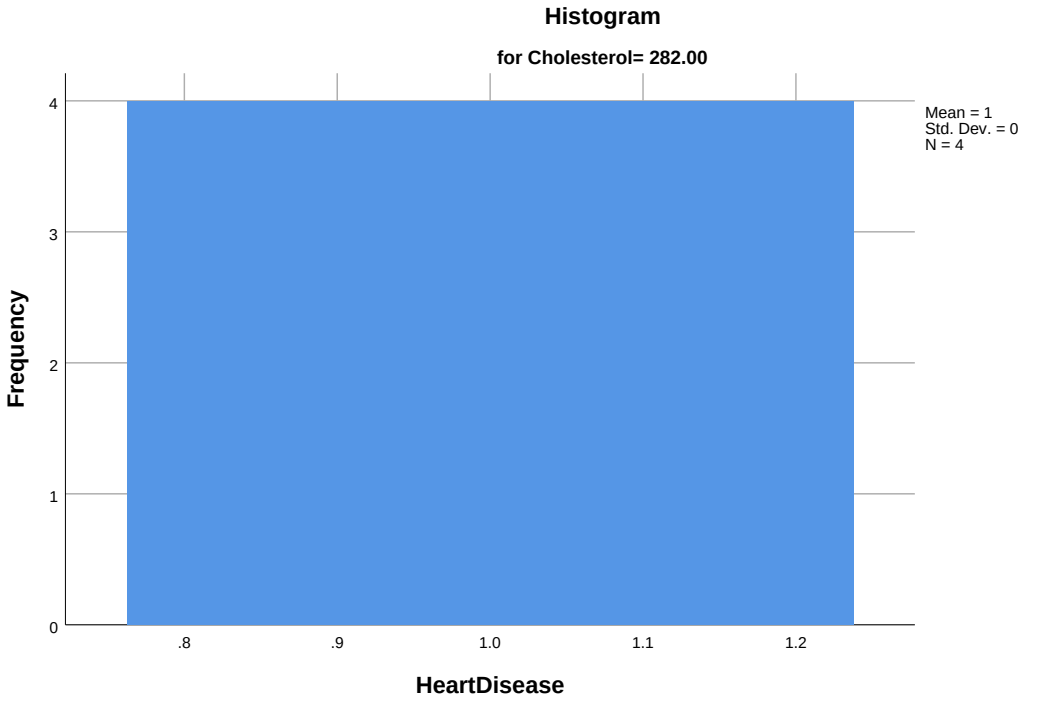

Histogram
for Cholesterol= 271.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

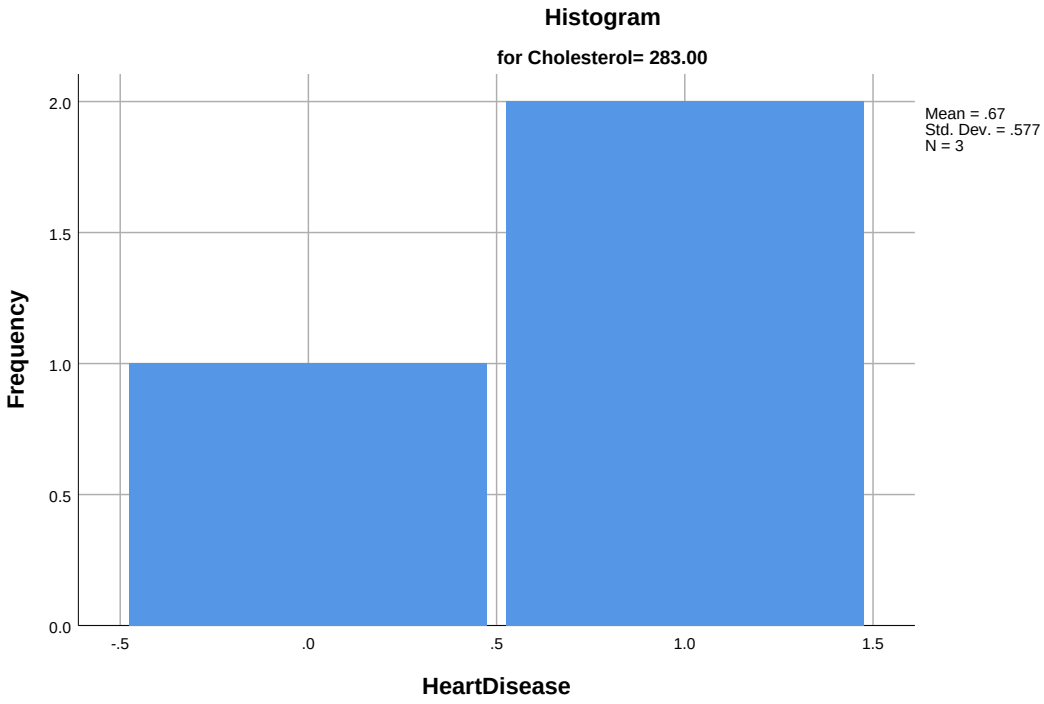

Histogram
for Cholesterol= 273.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

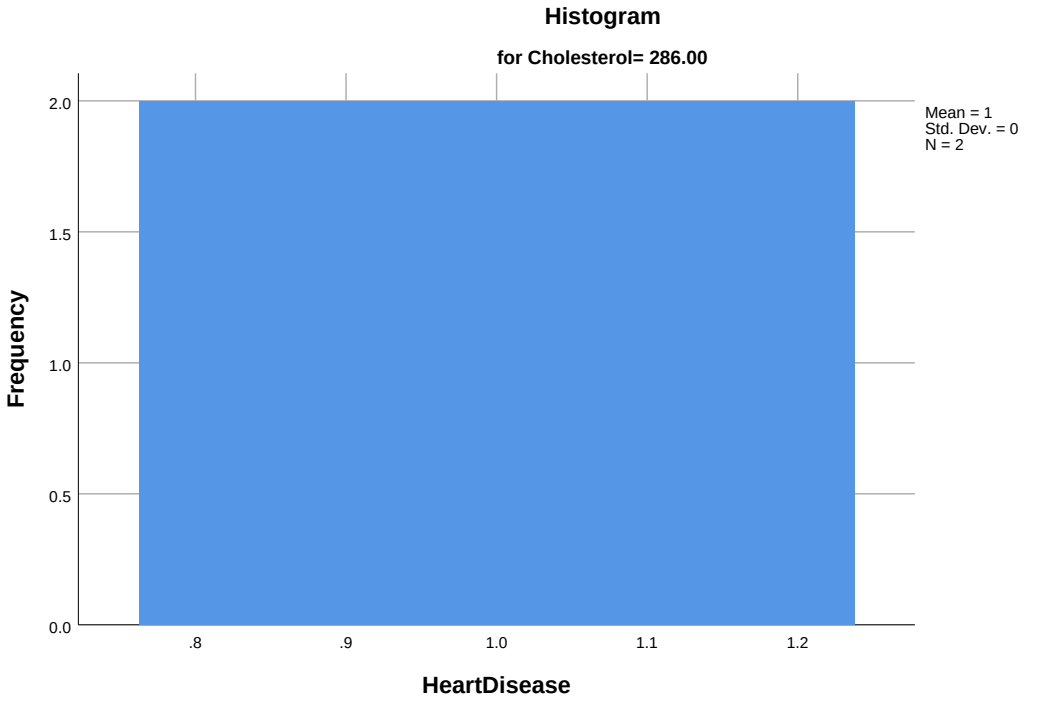

Histogram
for Cholesterol= 274.00
Mean =1
Std. Dev. =0
N =3
Frequency
3
2
1
0
.8
.9
1.0
1.1
1.2
HeartDisease

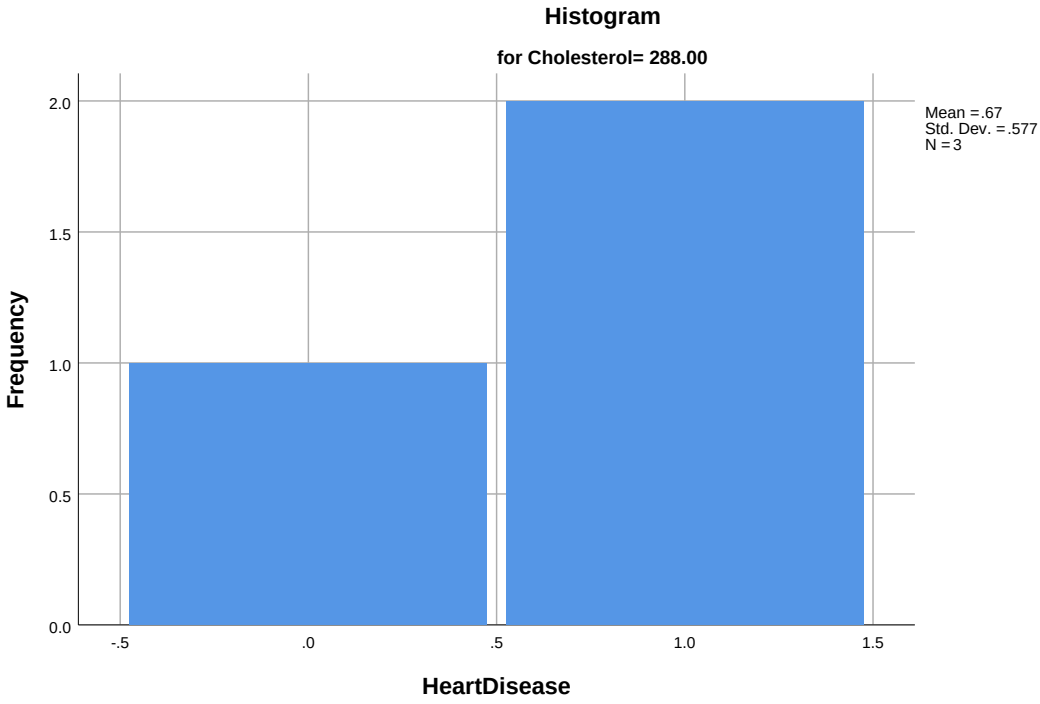

Histogram
for Cholesterol= 275.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

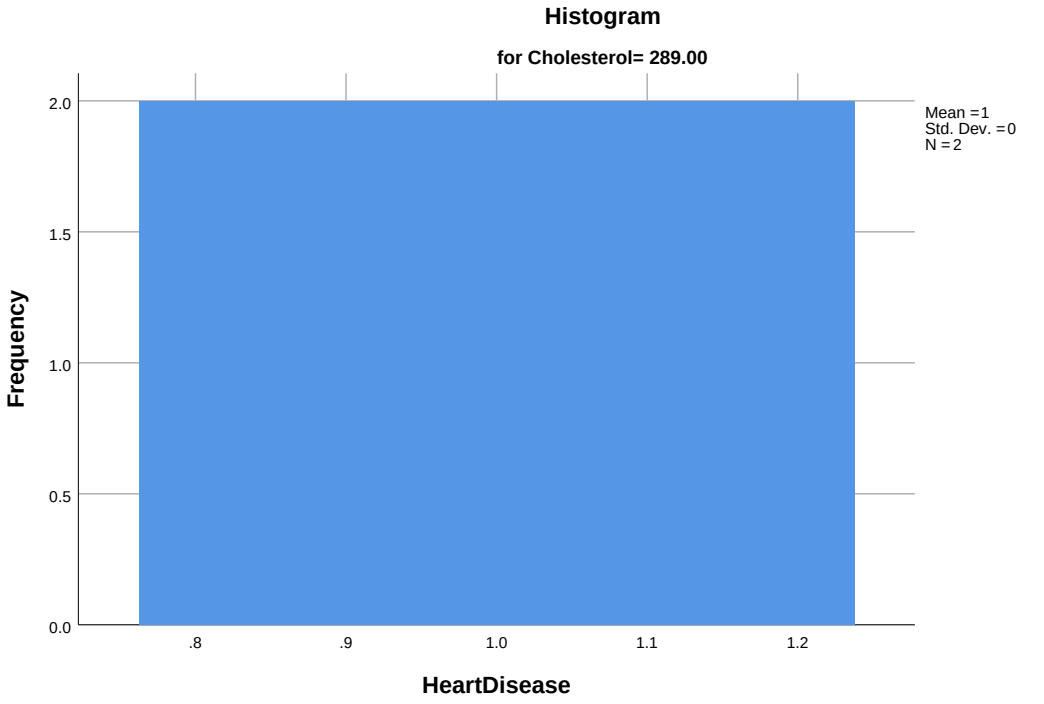

Histogram
for Cholesterol= 277.00
Mean = 0
Std. Dev. = 0
N = 2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

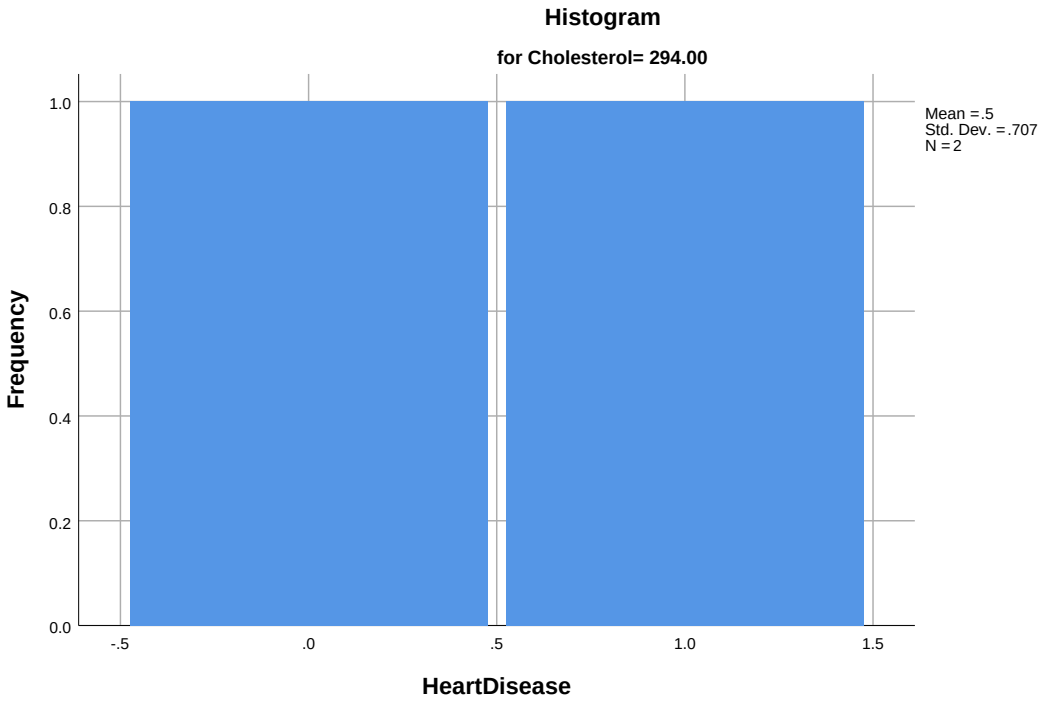

Histogram
for Cholesterol= 282.00
Mean = 1
Std. Dev. = 0
N = 4
Frequency
0
1
2
3
4
.8
.9
1.0
1.1
1.2
HeartDisease

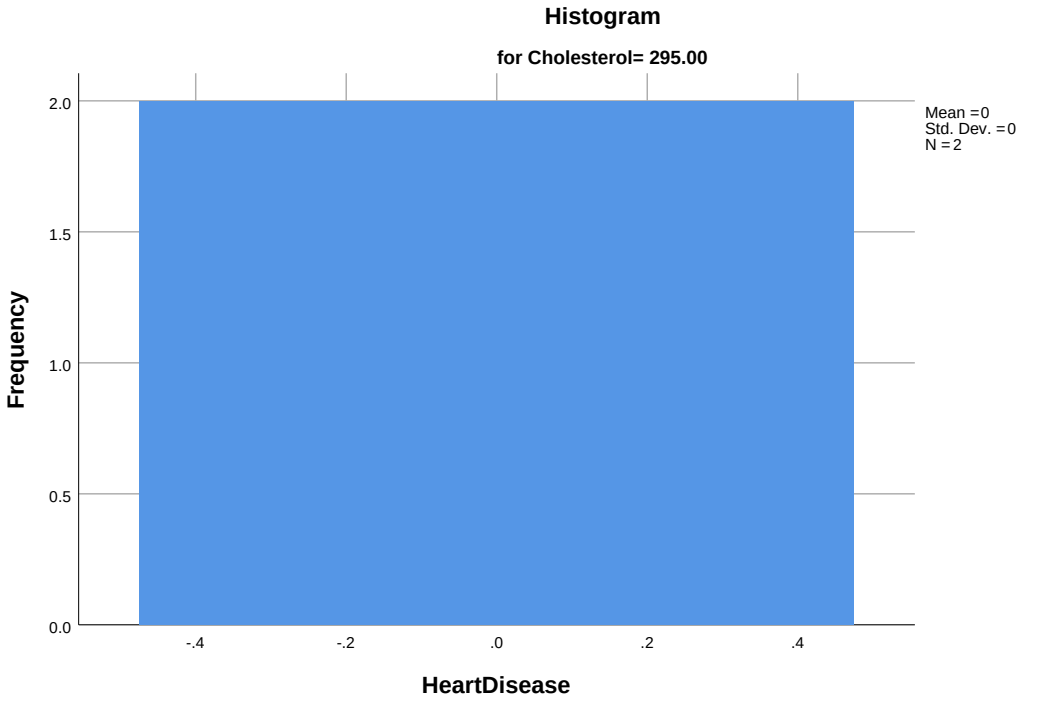

Histogram
for Cholesterol= 283.00
Mean = .67
Std. Dev. = .577
N = 3
Frequency
0.0
0.5
1.0
1.5
2.0
-.5
.0
.5
1.0
1.5
HeartDisease

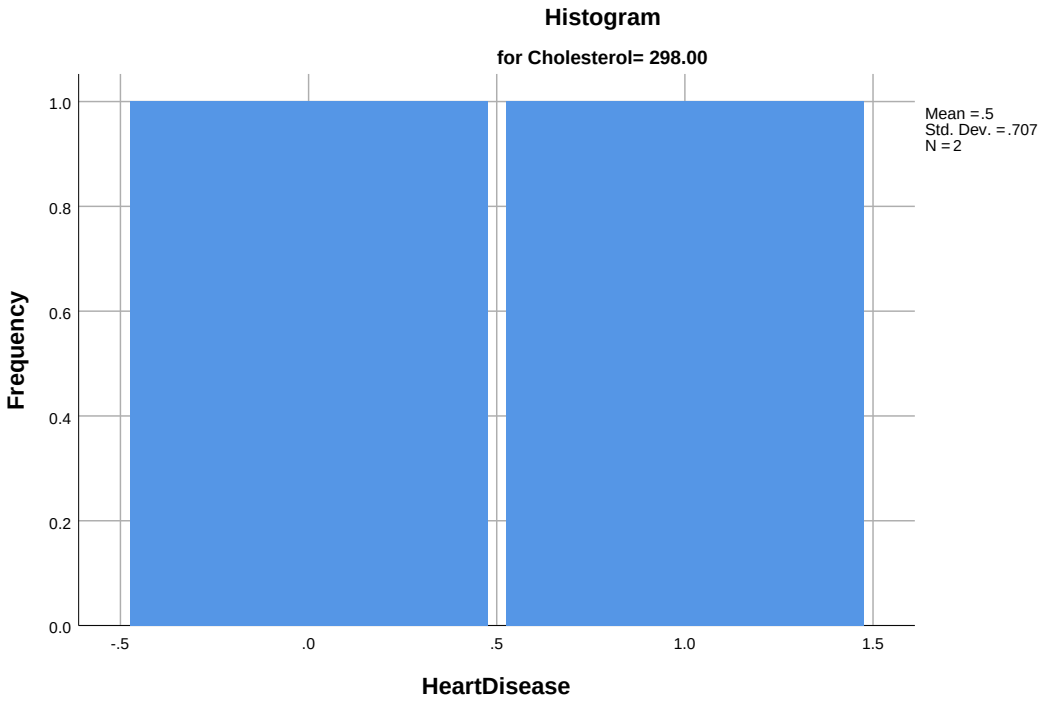

Histogram
for Cholesterol= 286.00
Mean = 1
Std. Dev. = 0
N = 2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

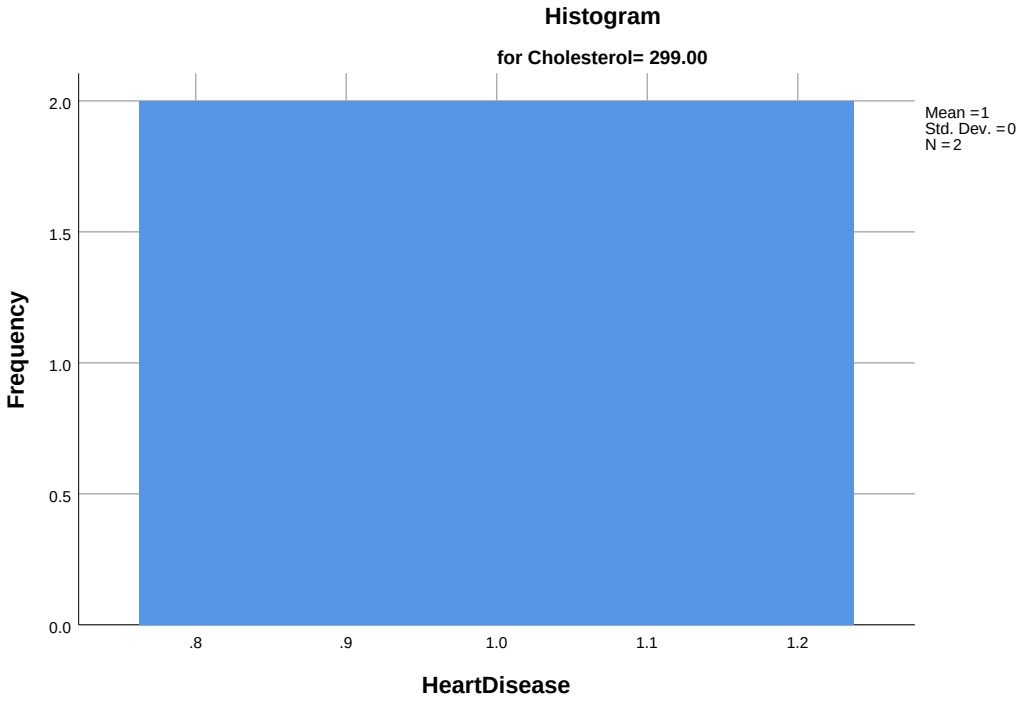

Histogram
for Cholesterol= 288.00
Mean = .67
Std. Dev. = .577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

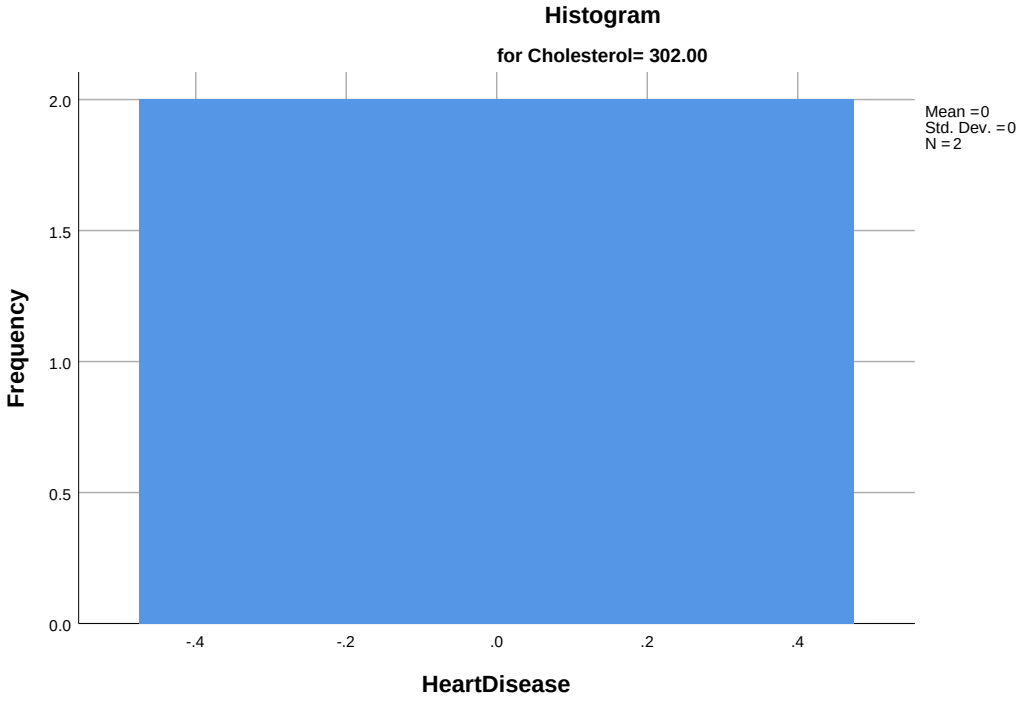

Histogram
for Cholesterol= 289.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

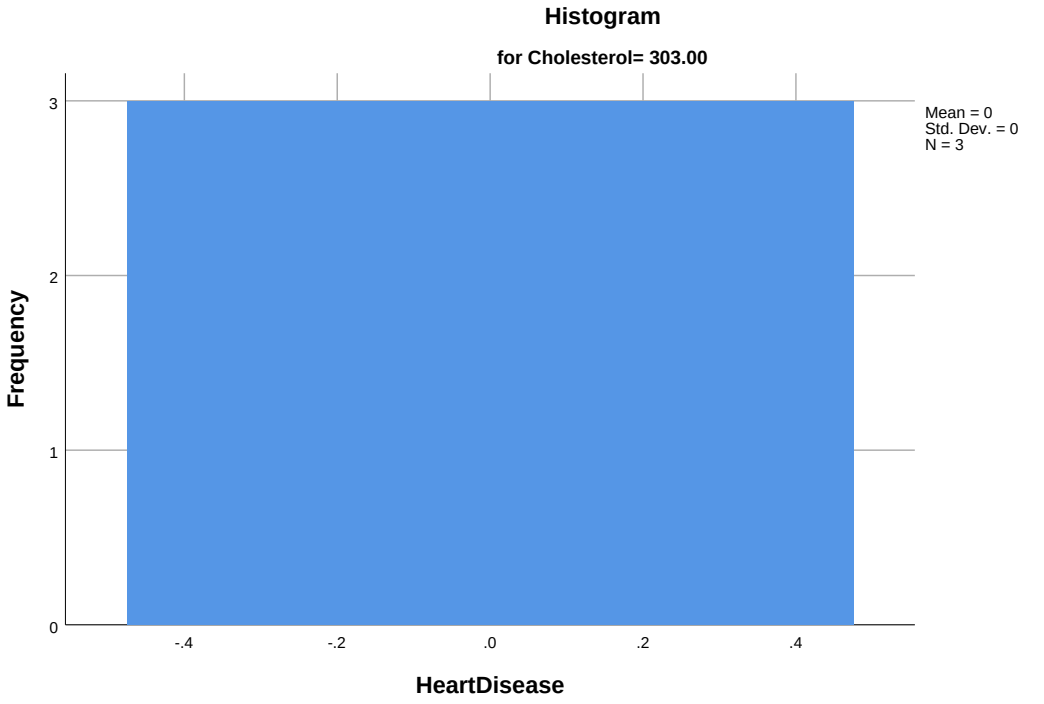

Histogram
for Cholesterol= 294.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

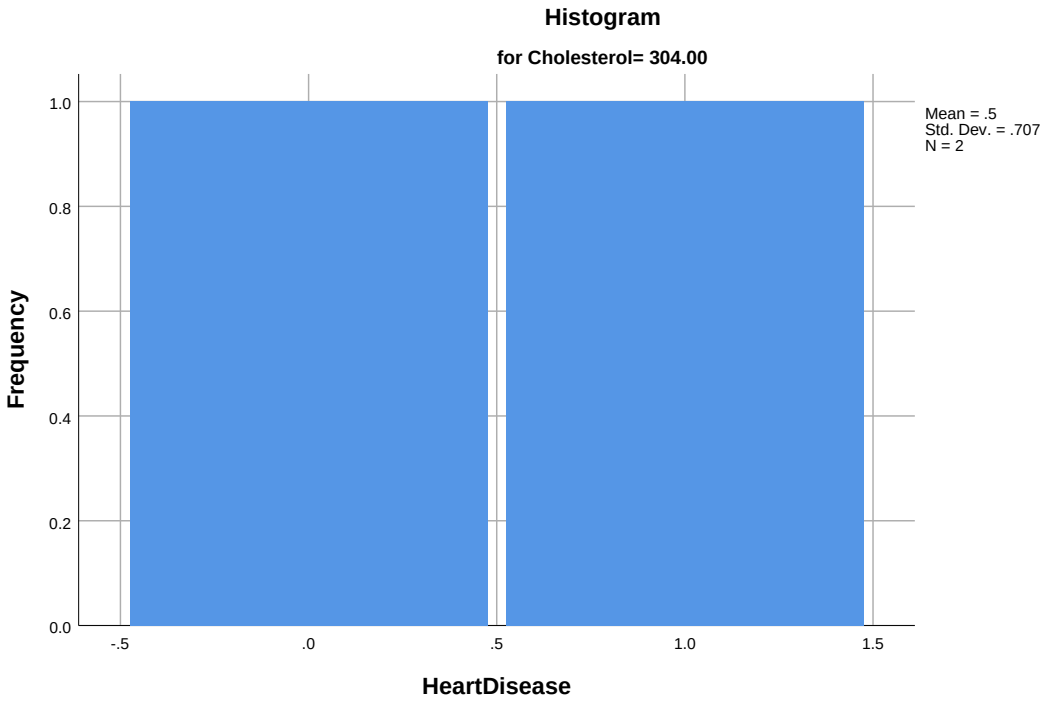

Histogram
for Cholesterol= 295.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

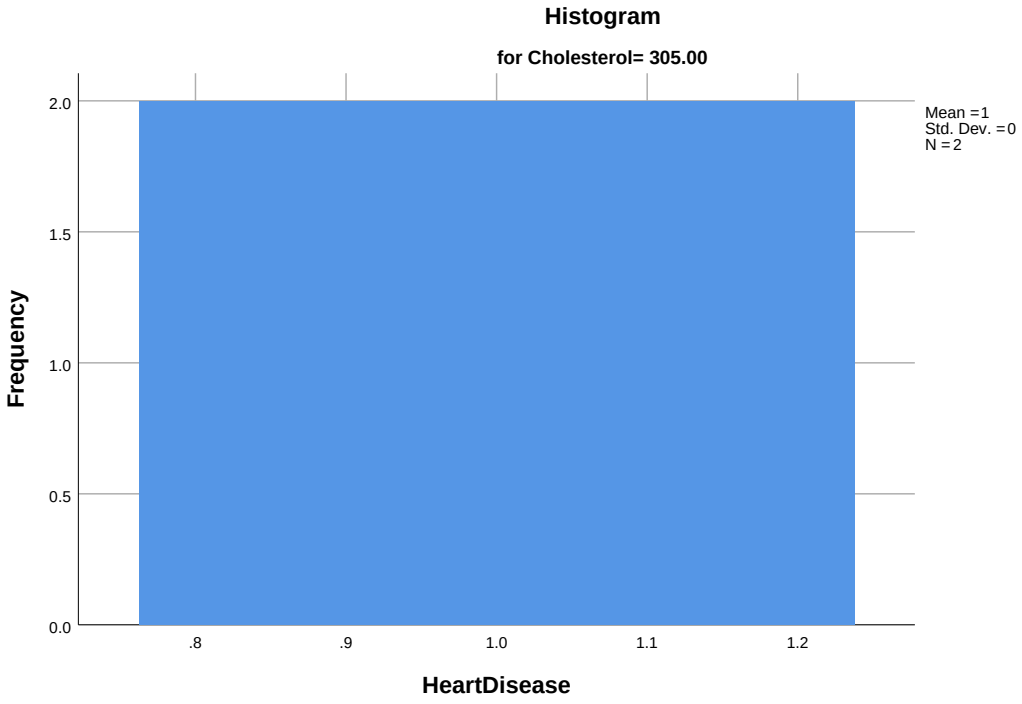

Histogram
for Cholesterol= 298.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

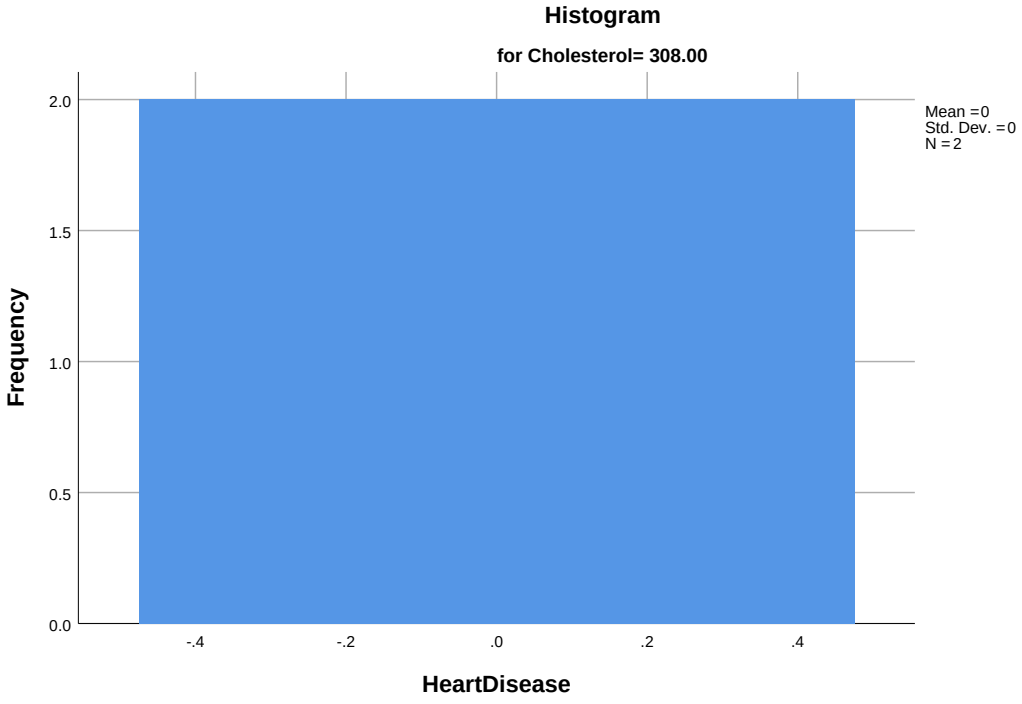

Histogram
for Cholesterol= 299.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

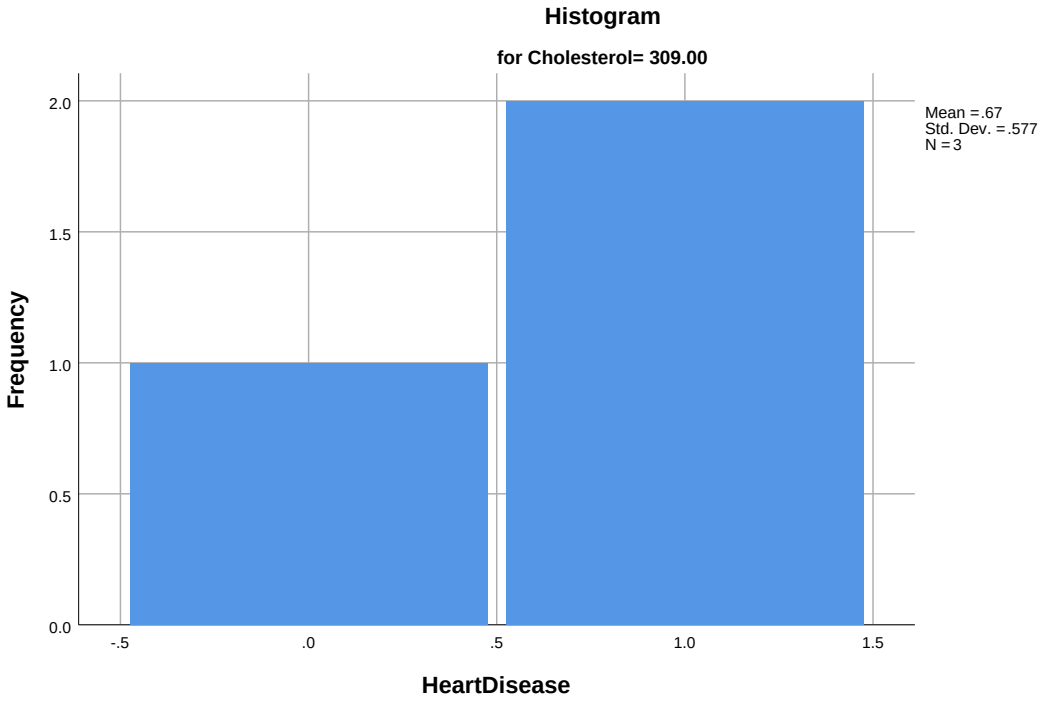

Histogram
for Cholesterol= 302.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

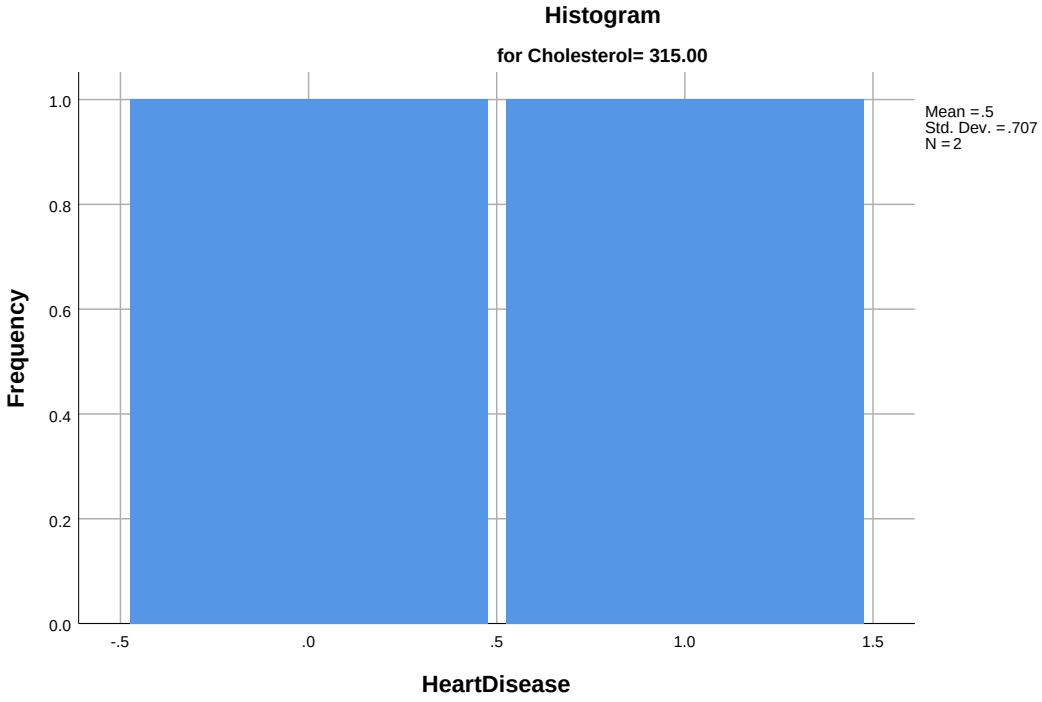

Histogram
for Cholesterol= 303.00
Mean = 0
Std. Dev. = 0
N = 3
Frequency
3
2
1
0
-.4
-.2
.0
.2
.4
HeartDisease

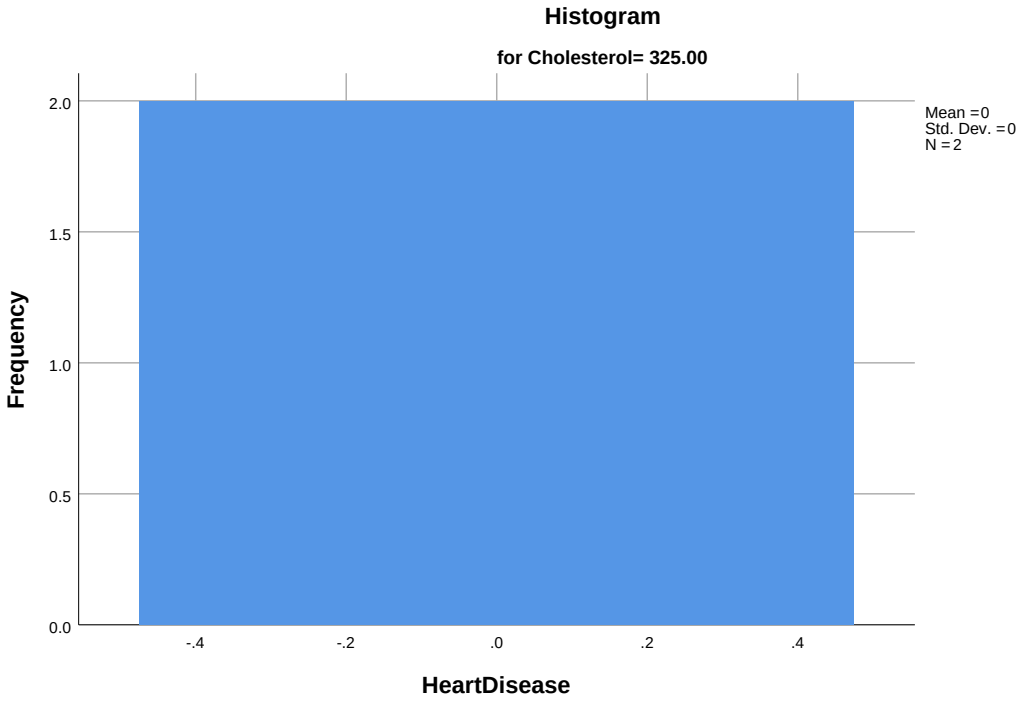

Histogram
for Cholesterol= 304.00
Mean = .5
Std. Dev. = .707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

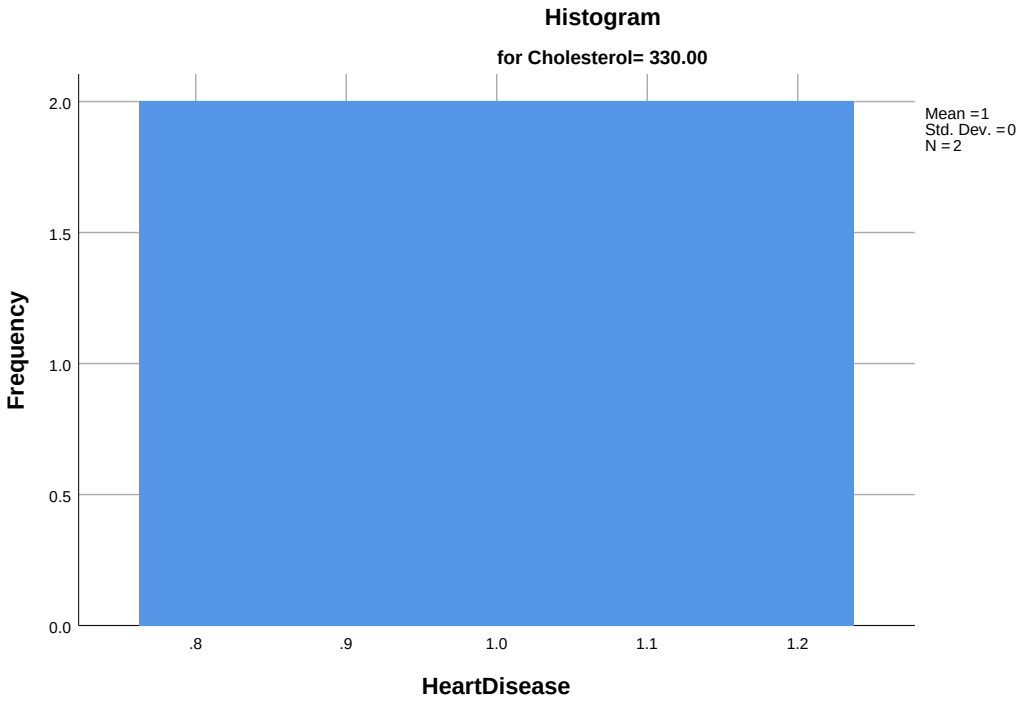

Histogram
for Cholesterol= 305.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease


Histogram
for Cholesterol= 308.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease


Histogram
for Cholesterol= 309.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Cholesterol= 315.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease





Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 149.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 177.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 188.00

```
 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 196.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
```

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 197.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 198.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 199.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 201.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 203.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 204.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 206.00

 Frequency    Stem &  Leaf
```

```
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 207.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 208.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 209.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 211.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 212.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
      .00        0 .
     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 213.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 214.00
```

```
 Frequency    Stem &  Leaf

     2.00        0 .  00

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 218.00

```
 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 219.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 222.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 223.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 226.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 228.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 229.00
```

```
 Frequency    Stem &  Leaf

     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 230.00

```
 Frequency    Stem &  Leaf

     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 231.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 233.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     1.00        1 .  0
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 234.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 235.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 236.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 239.00

 Frequency   Stem & Leaf

     2.00   0 . 00
      .00   0 .
     2.00   1 . 00

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 240.00

 Frequency   Stem & Leaf

     3.00   0 . 000

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 243.00

 Frequency   Stem & Leaf

     2.00   0 . 00
      .00   0 .
     2.00   1 . 00

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 244.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 245.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000

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

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 246.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 248.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 249.00

 Frequency    Stem &  Leaf

     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 250.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 254.00

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<.0)
     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
```

```
Cholesterol= 255.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 256.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 258.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 260.00

 Frequency    Stem &  Leaf
```

```
     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 261.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 263.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 265.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 266.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 267.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 268.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
```

```
Cholesterol= 269.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 270.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 271.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 273.00

 Frequency    Stem &  Leaf
```

```
     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 274.00

 Frequency    Stem &  Leaf

     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 275.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
Cholesterol= 277.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 282.00

 Frequency    Stem &  Leaf

     4.00        1 .  0000

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 283.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 286.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 288.00

 Frequency    Stem &  Leaf
```

```
     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 289.00

```
 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 294.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Cholesterol= 295.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 298.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 299.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 302.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 303.00
```

```
 Frequency    Stem &  Leaf

     3.00        0 .  000

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

```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 304.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

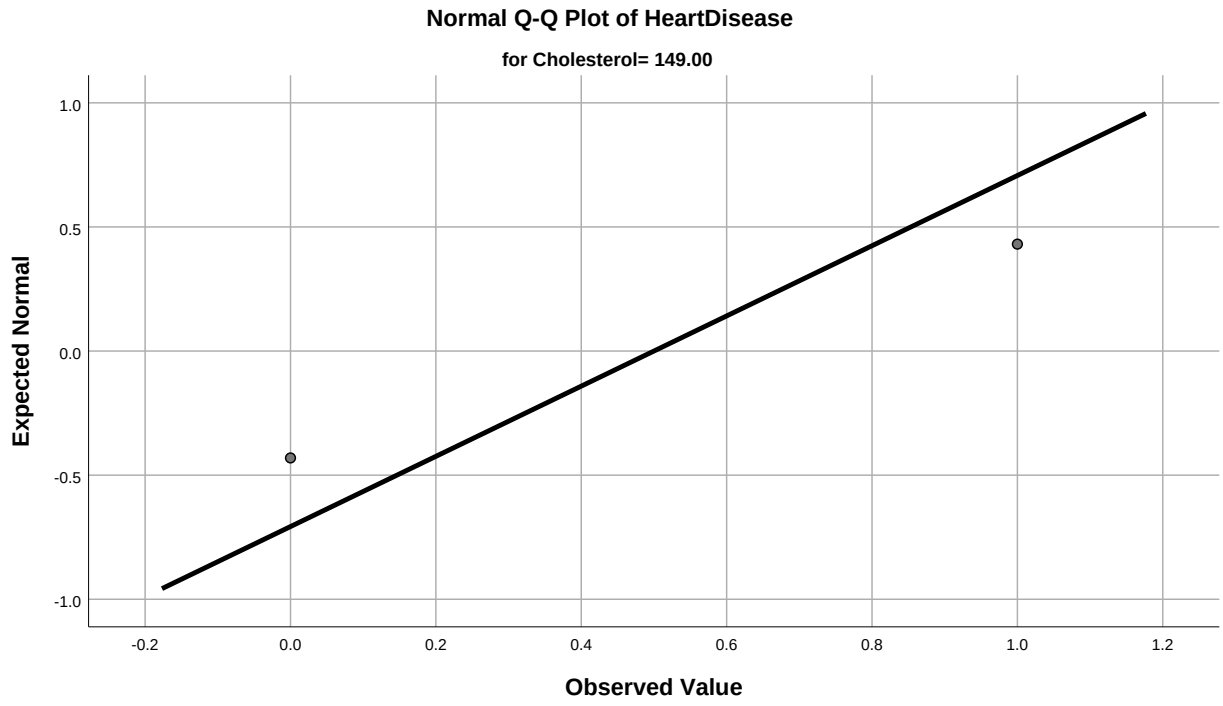
```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 305.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

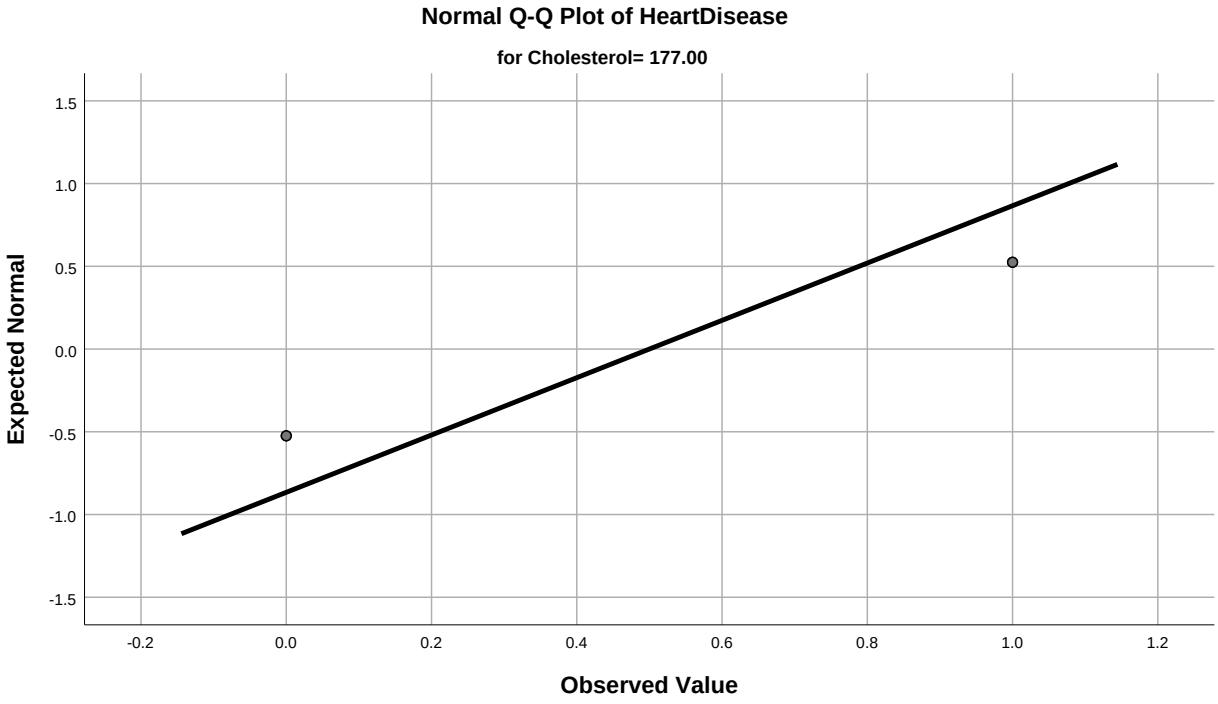
```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 308.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

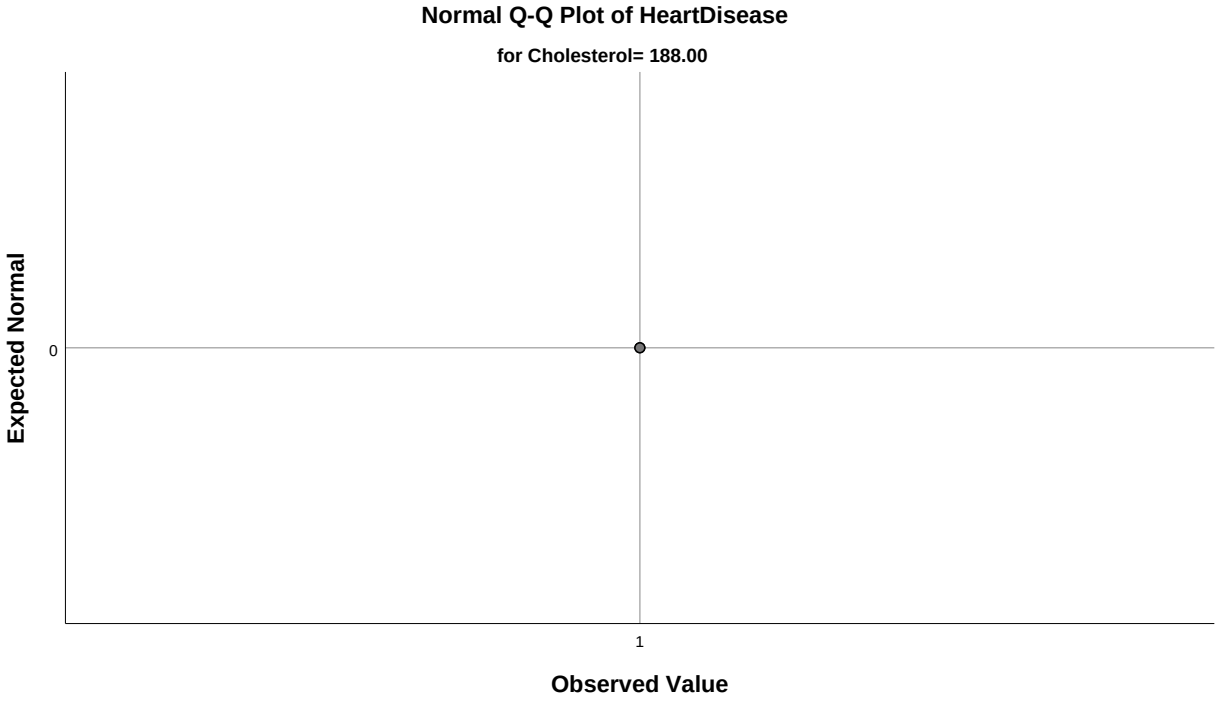
```
HeartDisease Stem-and-Leaf Plot for
Cholesterol= 309.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 315.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 325.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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



HeartDisease Stem-and-Leaf Plot for
Cholesterol= 330.00
```

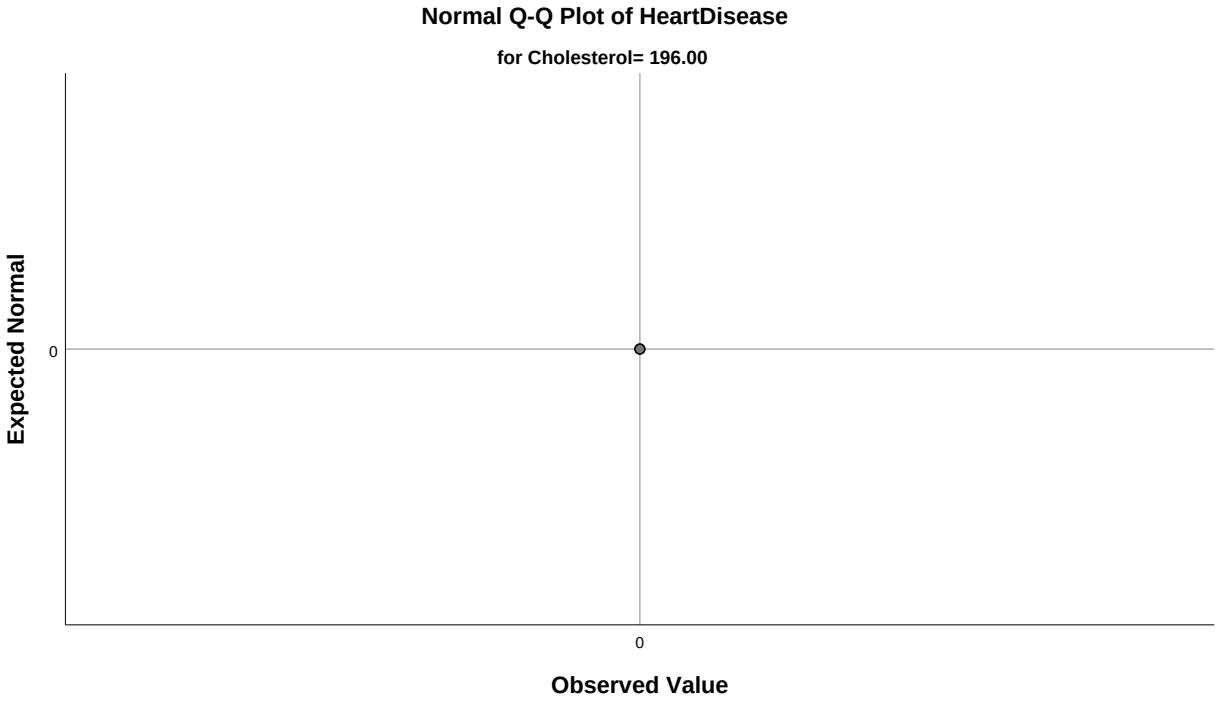
```
Frequency    Stem &  Leaf

    2.00        1 .  00

Stem width:         1
Each leaf:        1 case(s)
```

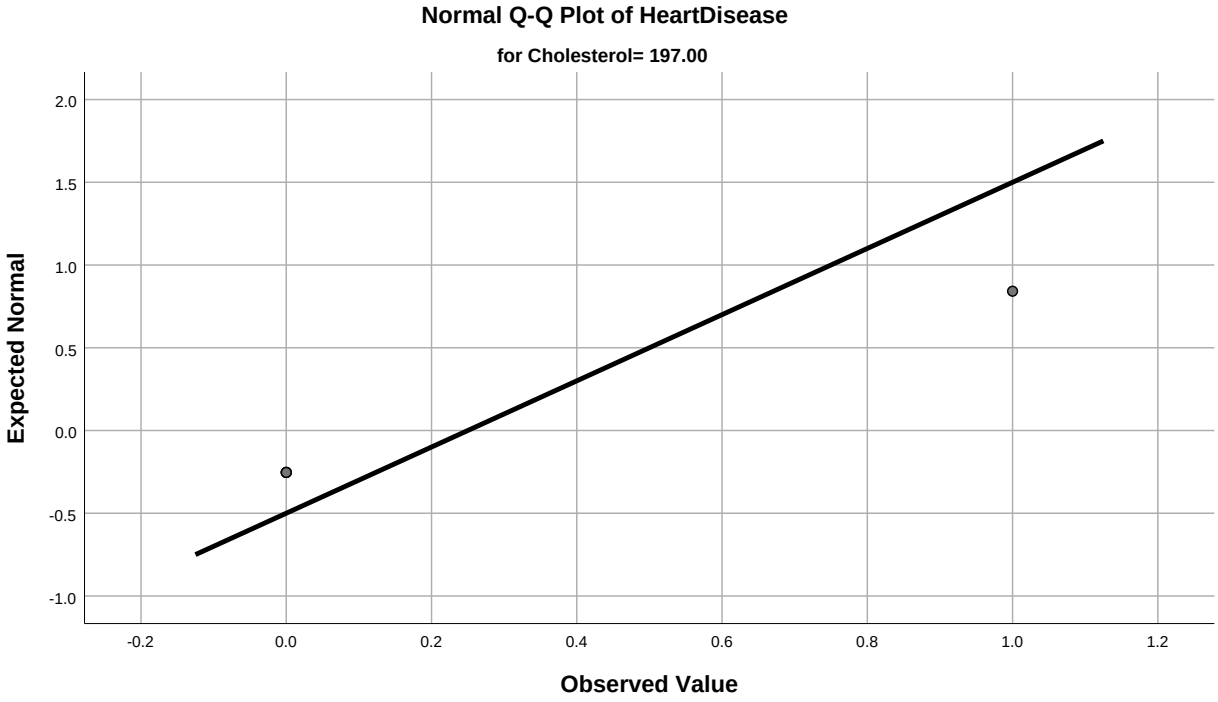
Normal Q-Q Plots

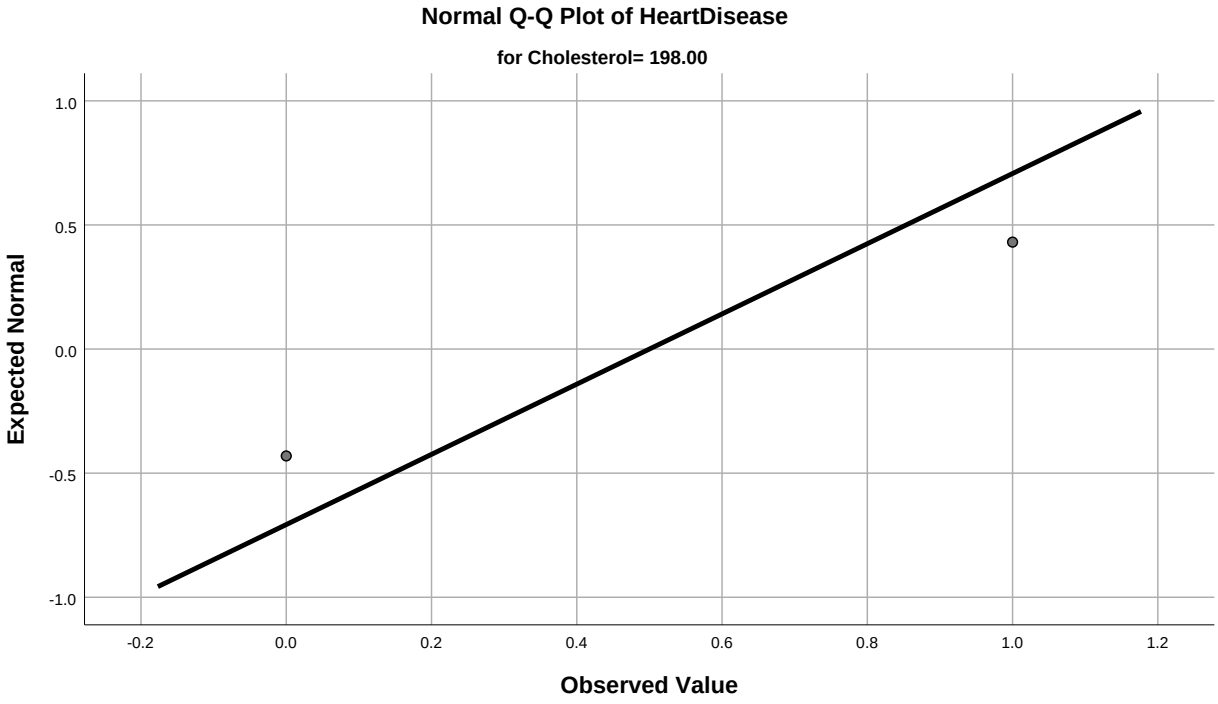


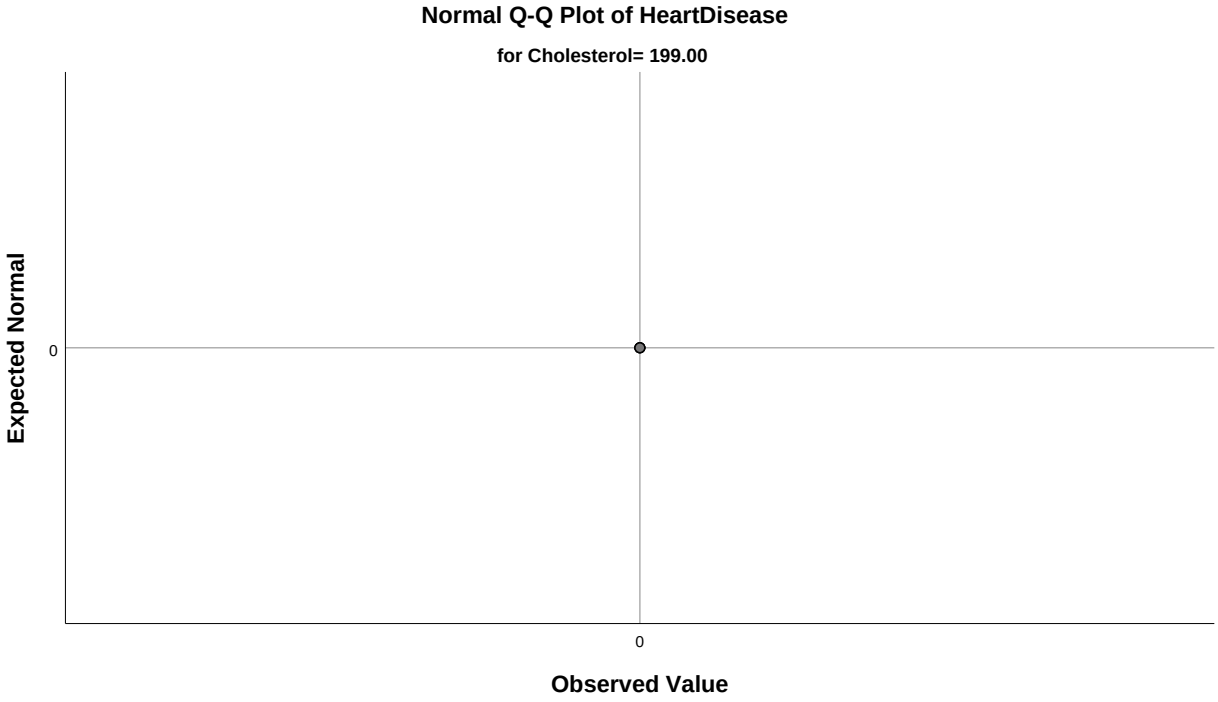

Normal Q-Q Plot of HeartDisease
for Cholesterol= 177.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

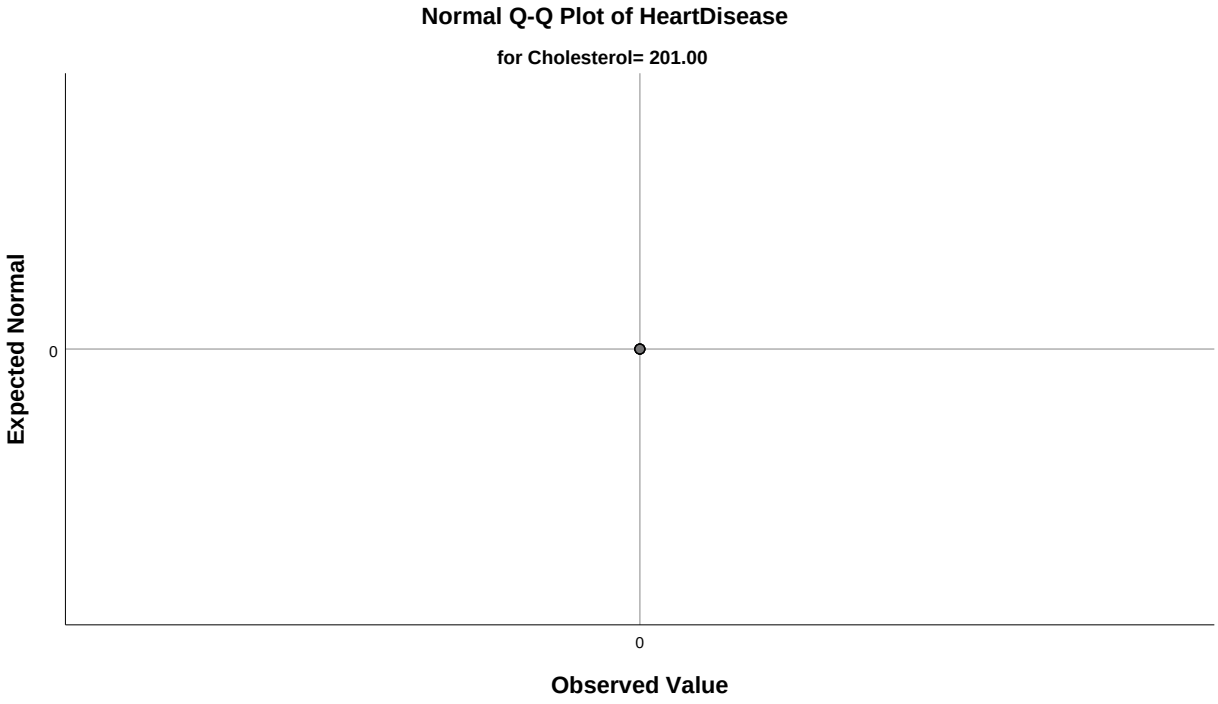

Normal Q-Q Plot of HeartDisease
for Cholesterol= 188.00
Expected Normal
0
1
Observed Value

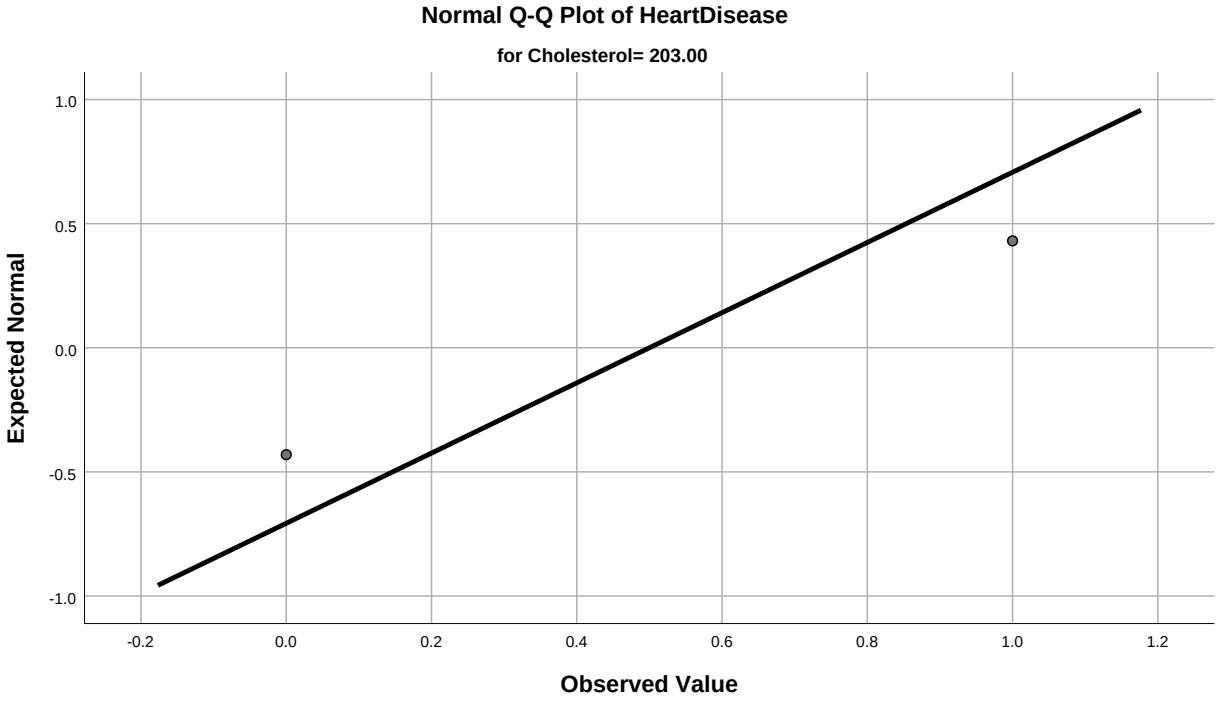

Normal Q-Q Plot of HeartDisease
for Cholesterol= 196.00
Expected Normal
0
0
Observed Value

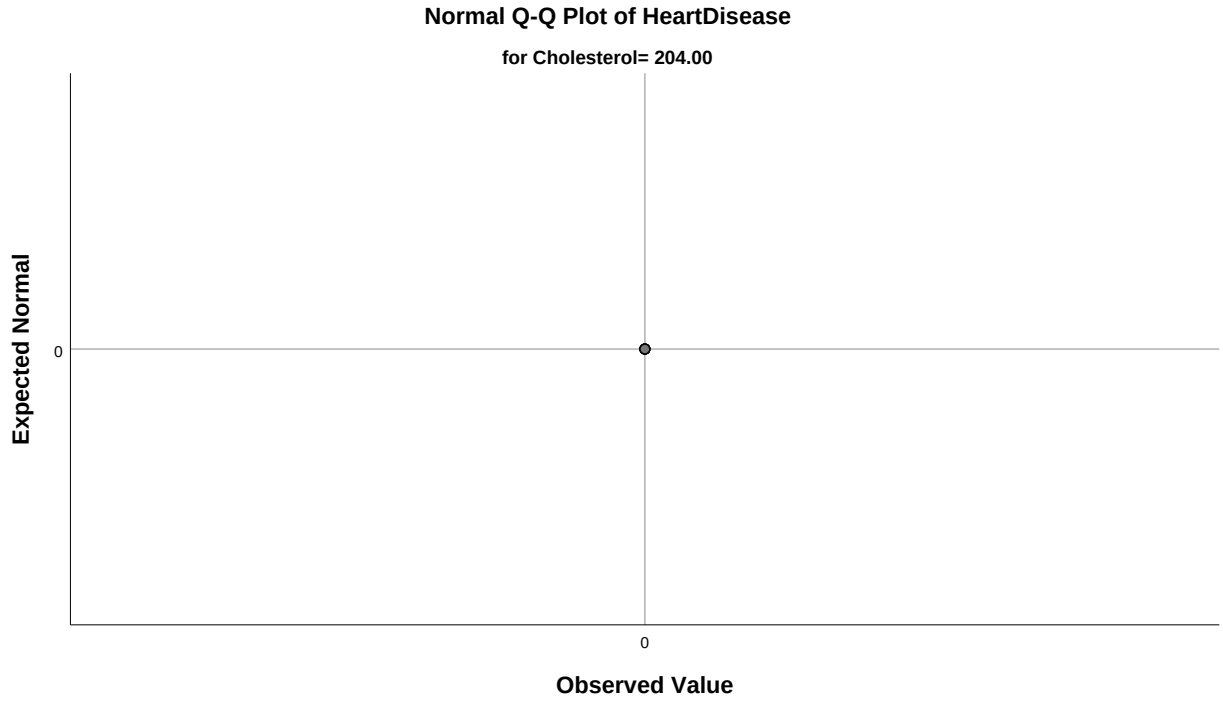

Normal Q-Q Plot of HeartDisease
for Cholesterol= 197.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for Cholesterol= 198.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

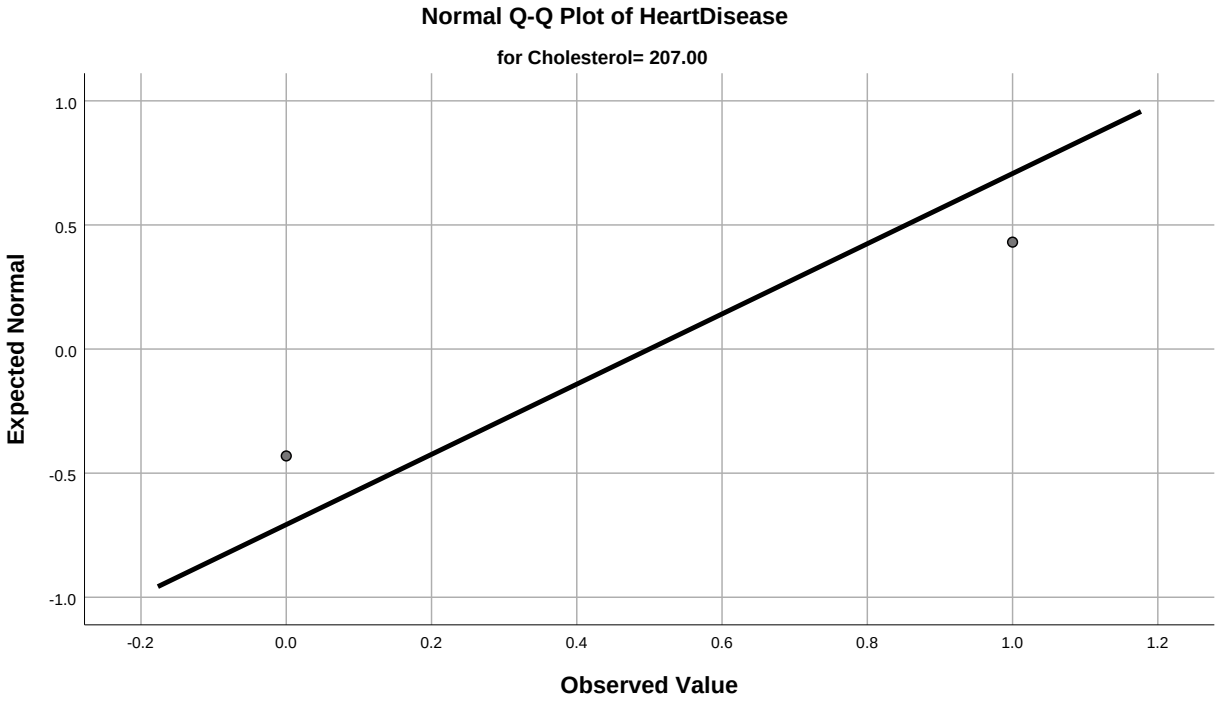

Normal Q-Q Plot of HeartDisease
for Cholesterol= 199.00
Expected Normal
0
0
Observed Value

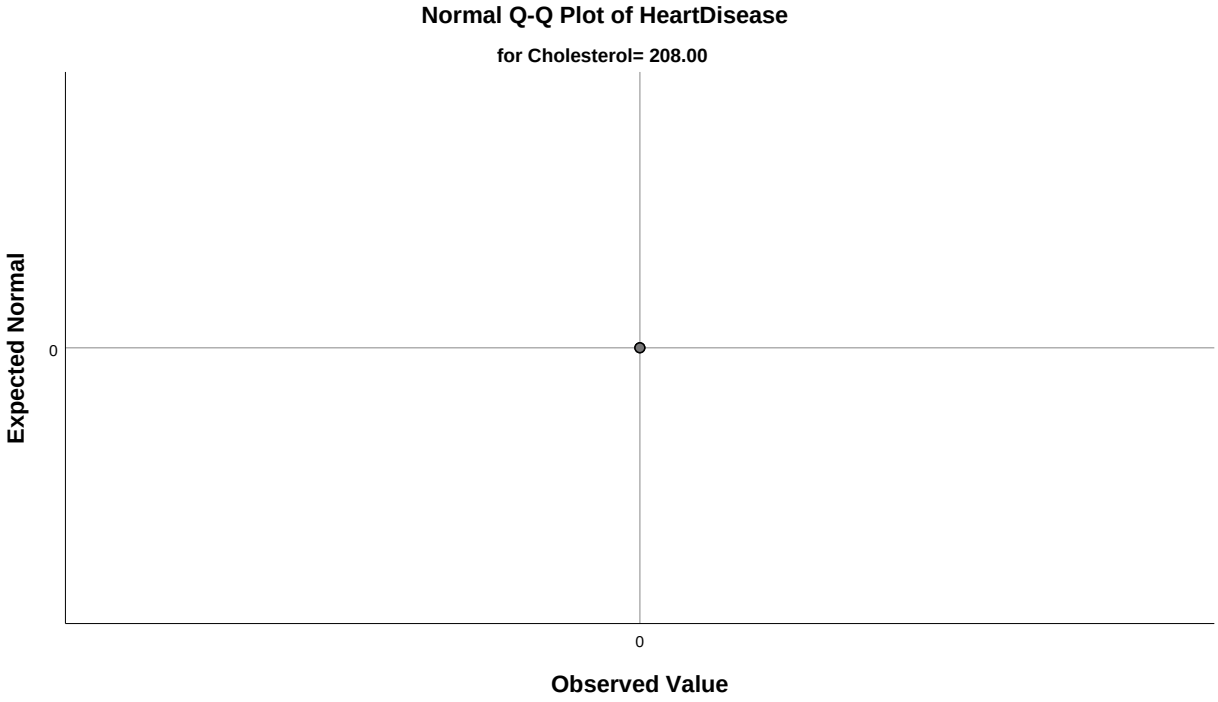

Normal Q-Q Plot of HeartDisease
for Cholesterol= 201.00
Expected Normal
0
0
Observed Value

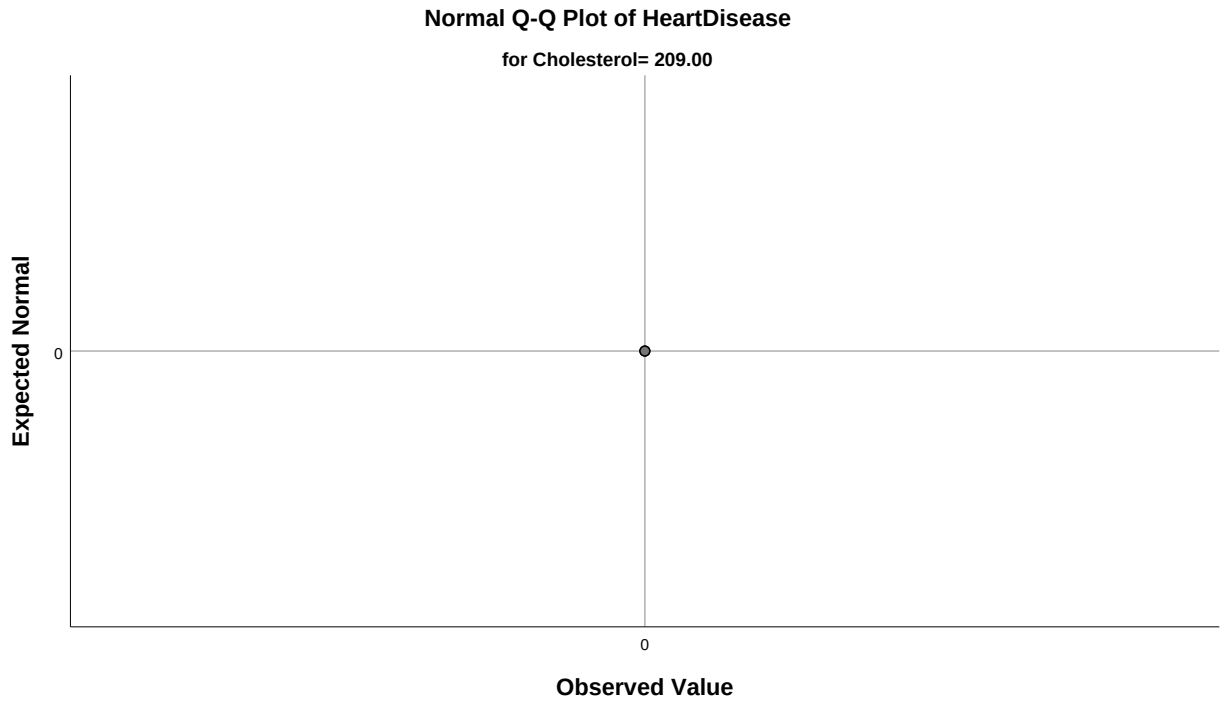

Normal Q-Q Plot of HeartDisease
for Cholesterol= 203.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

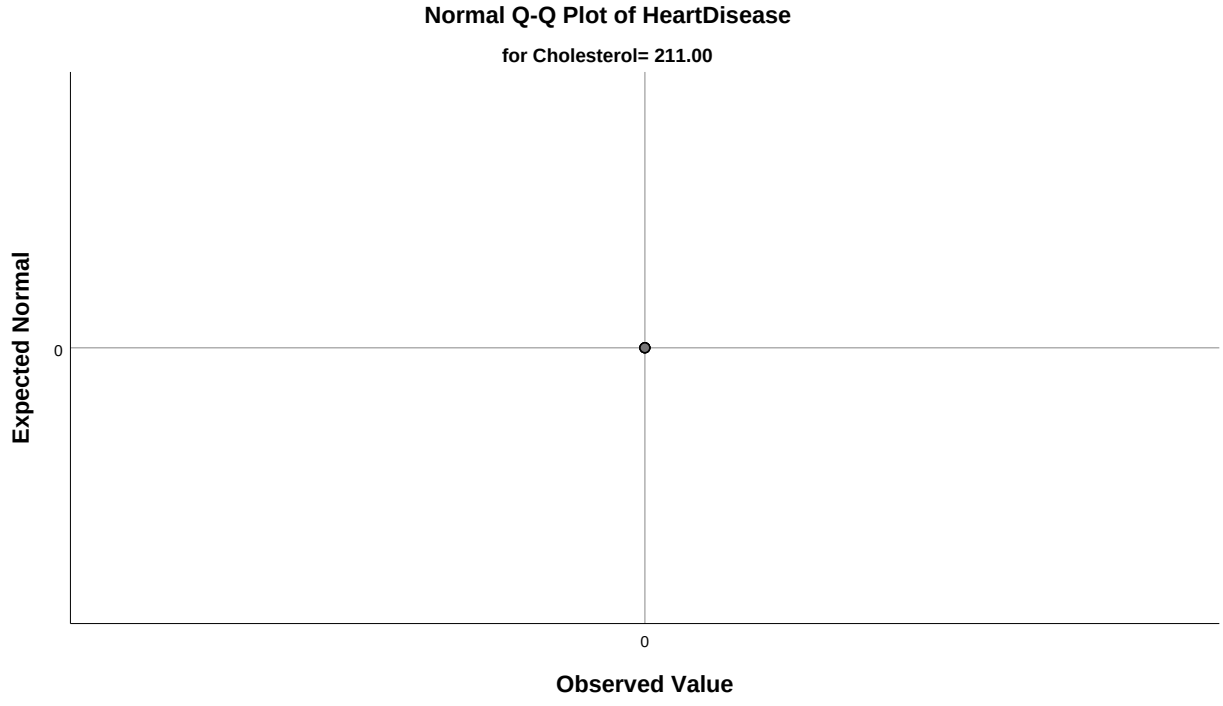

Normal Q-Q Plot of HeartDisease
for Cholesterol= 204.00
Expected Normal
0
0
Observed Value

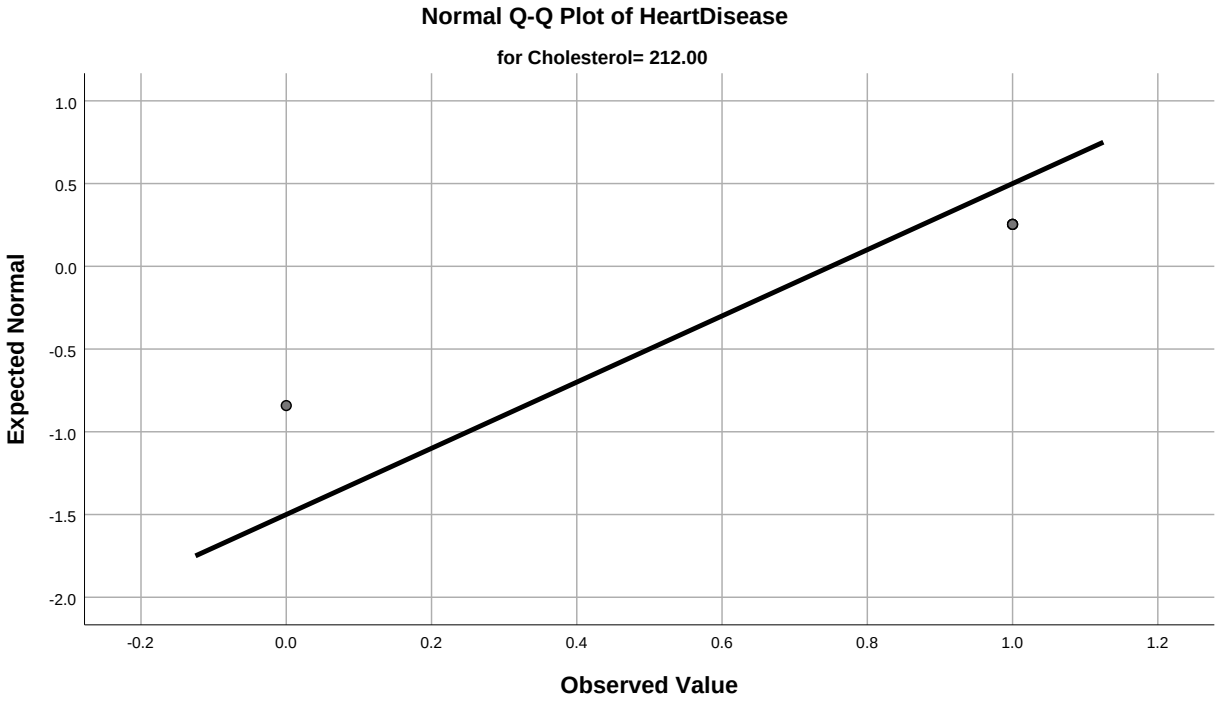
Normal Q-Q Plot of HeartDisease
for Cholesterol= 206.00
Expected Normal
0
1
Observed Value

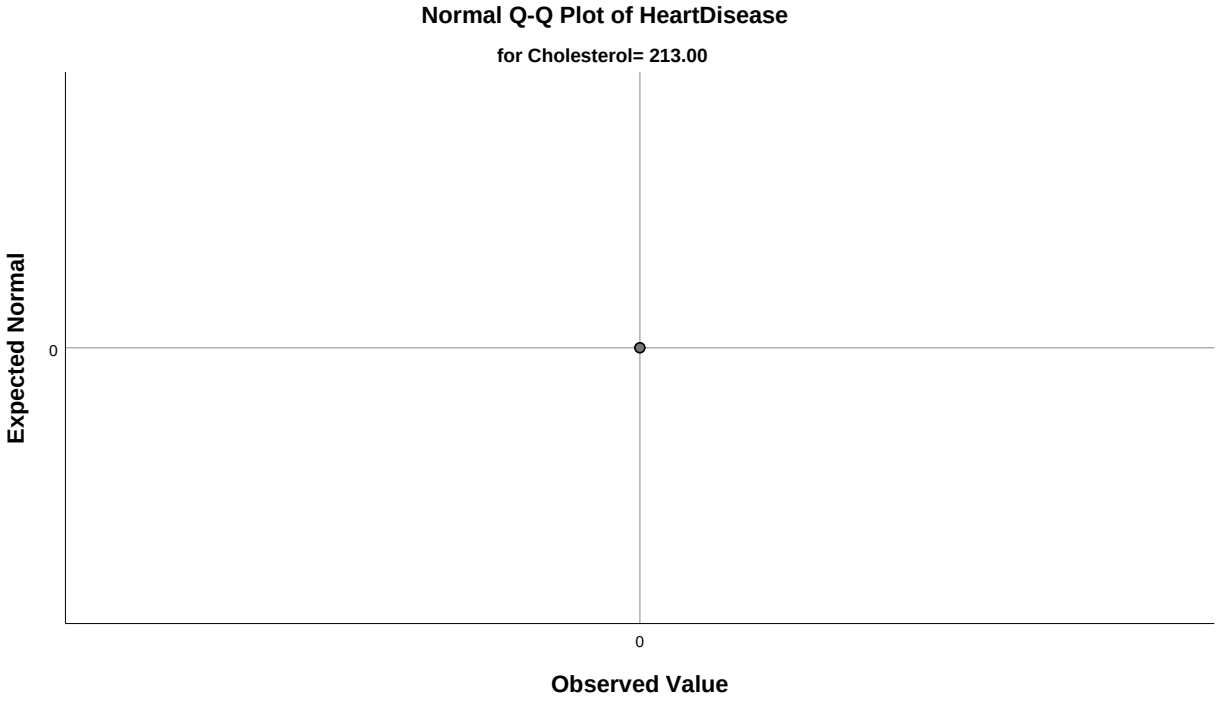

Normal Q-Q Plot of HeartDisease
for Cholesterol= 207.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

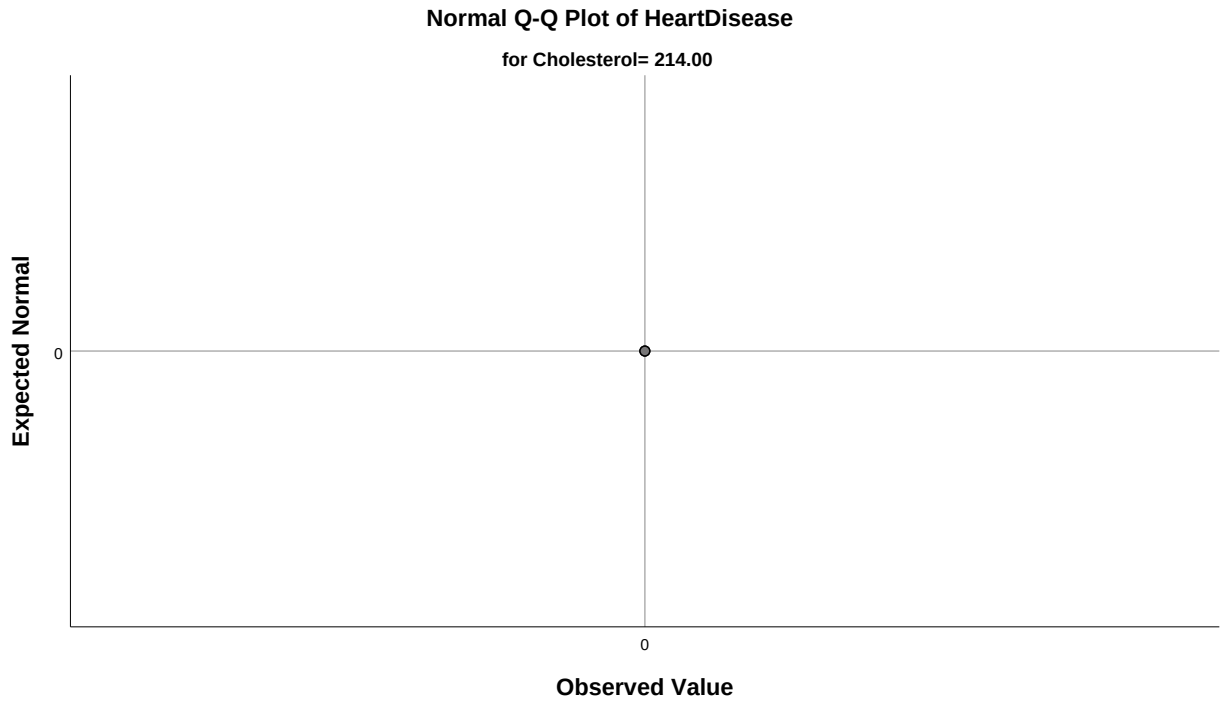

Normal Q-Q Plot of HeartDisease
for Cholesterol= 208.00
Expected Normal
0
0
Observed Value

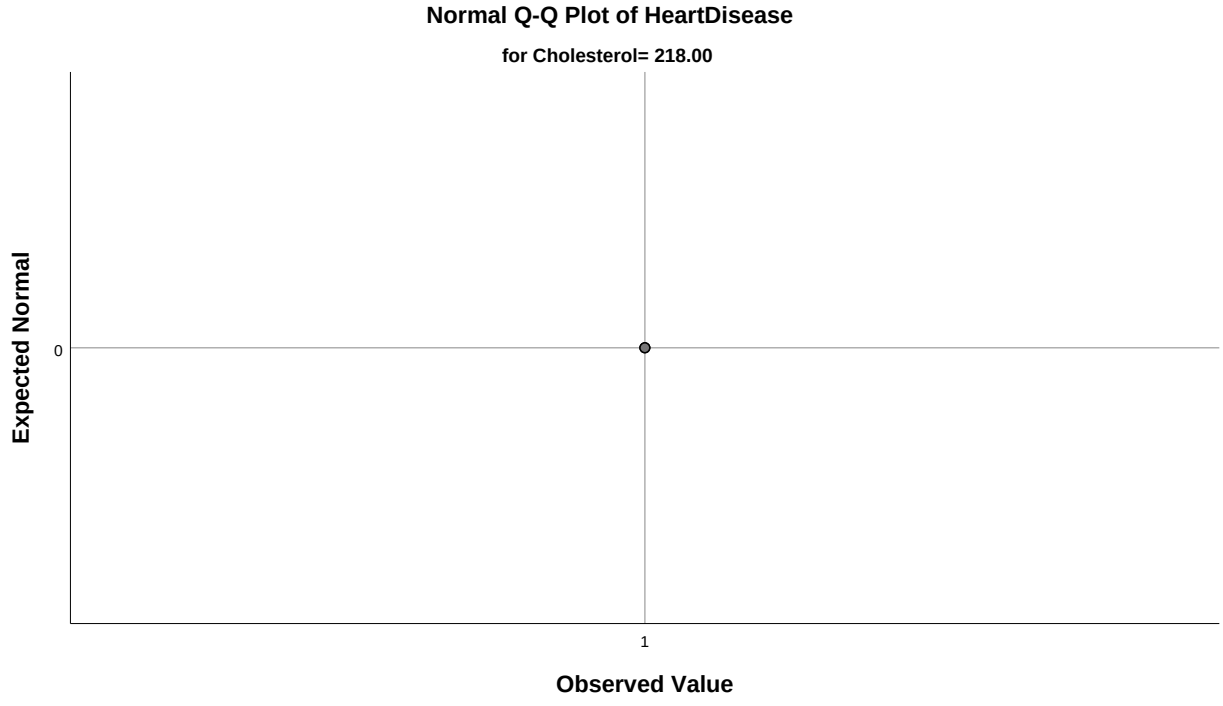

Normal Q-Q Plot of HeartDisease
for Cholesterol= 209.00
Expected Normal
0
0
Observed Value

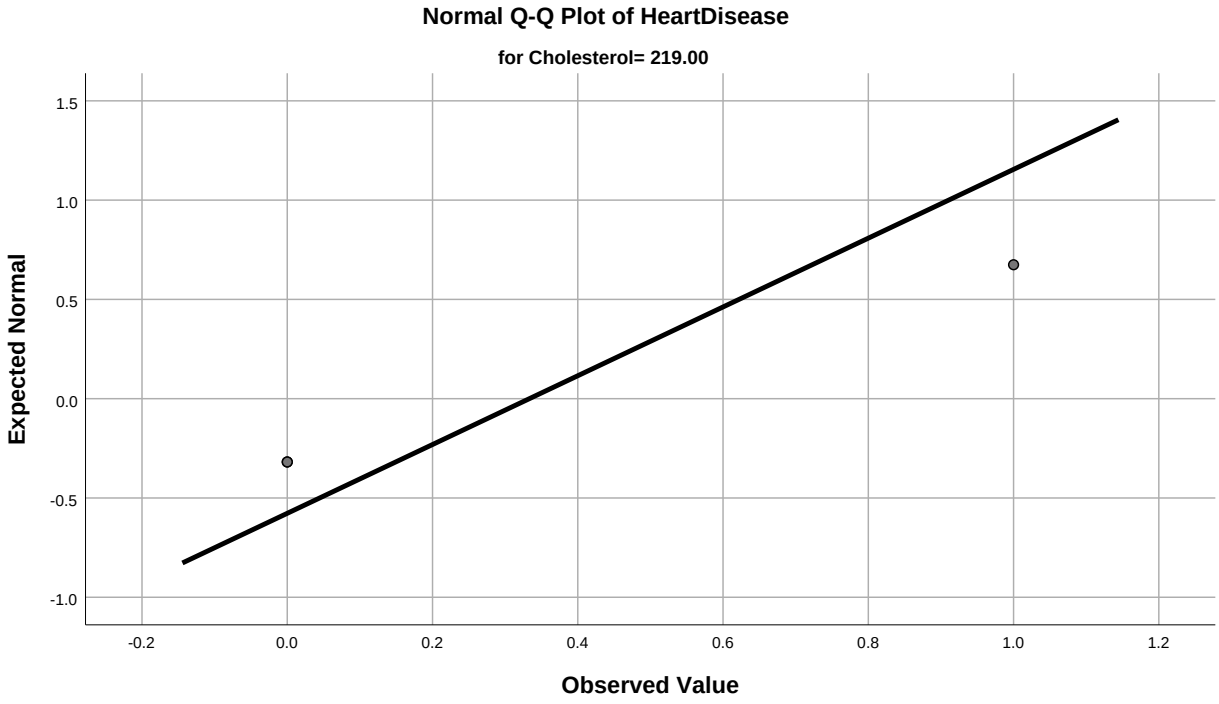

Normal Q-Q Plot of HeartDisease
for Cholesterol= 211.00
Expected Normal
0
0
Observed Value

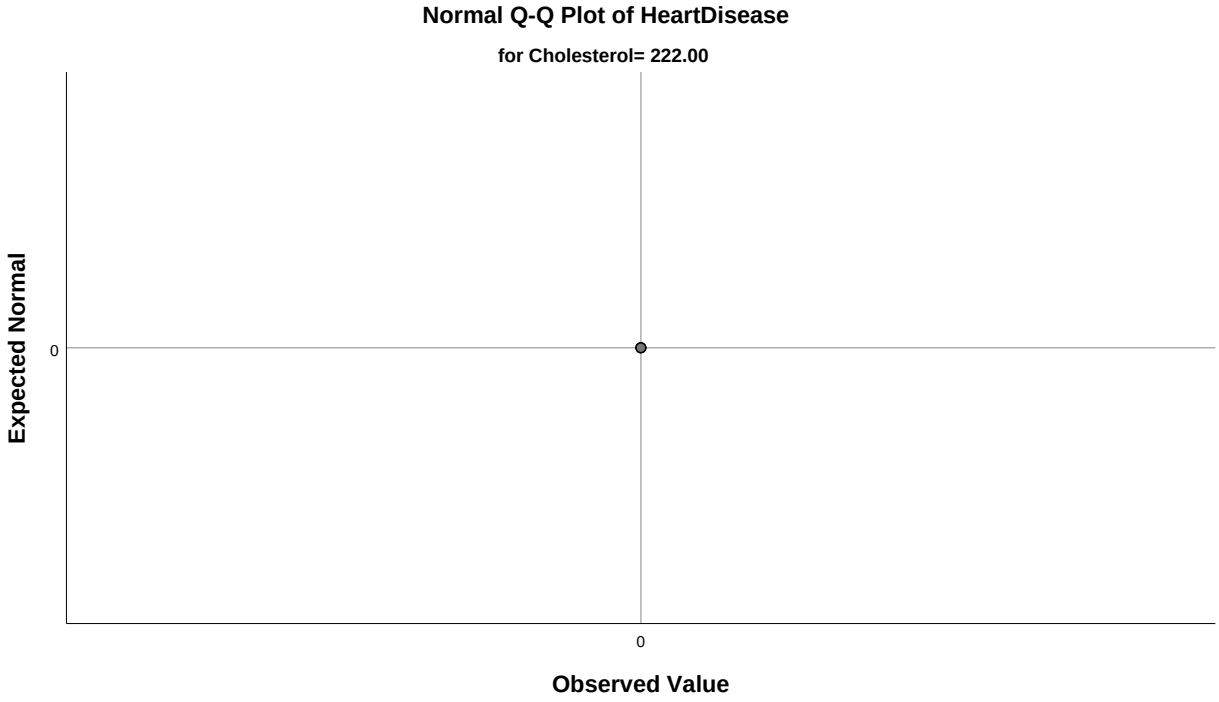

Normal Q-Q Plot of HeartDisease
for Cholesterol= 212.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

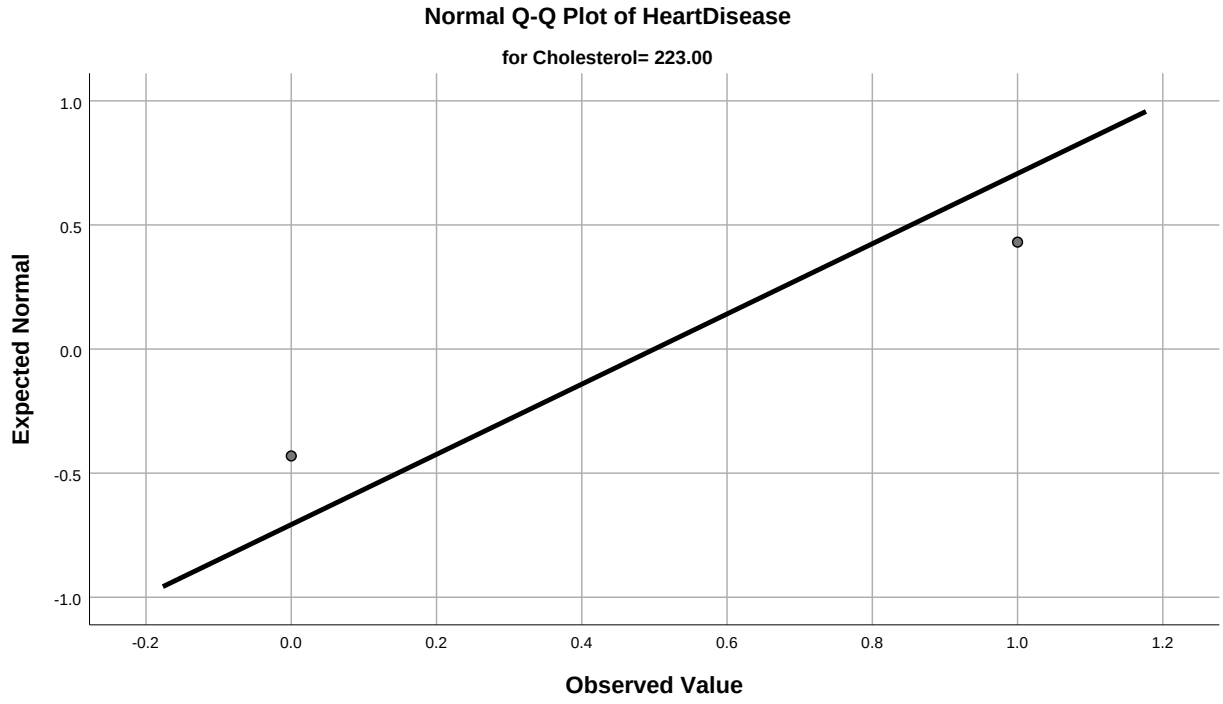

Normal Q-Q Plot of HeartDisease
for Cholesterol= 213.00
Expected Normal
0
0
Observed Value

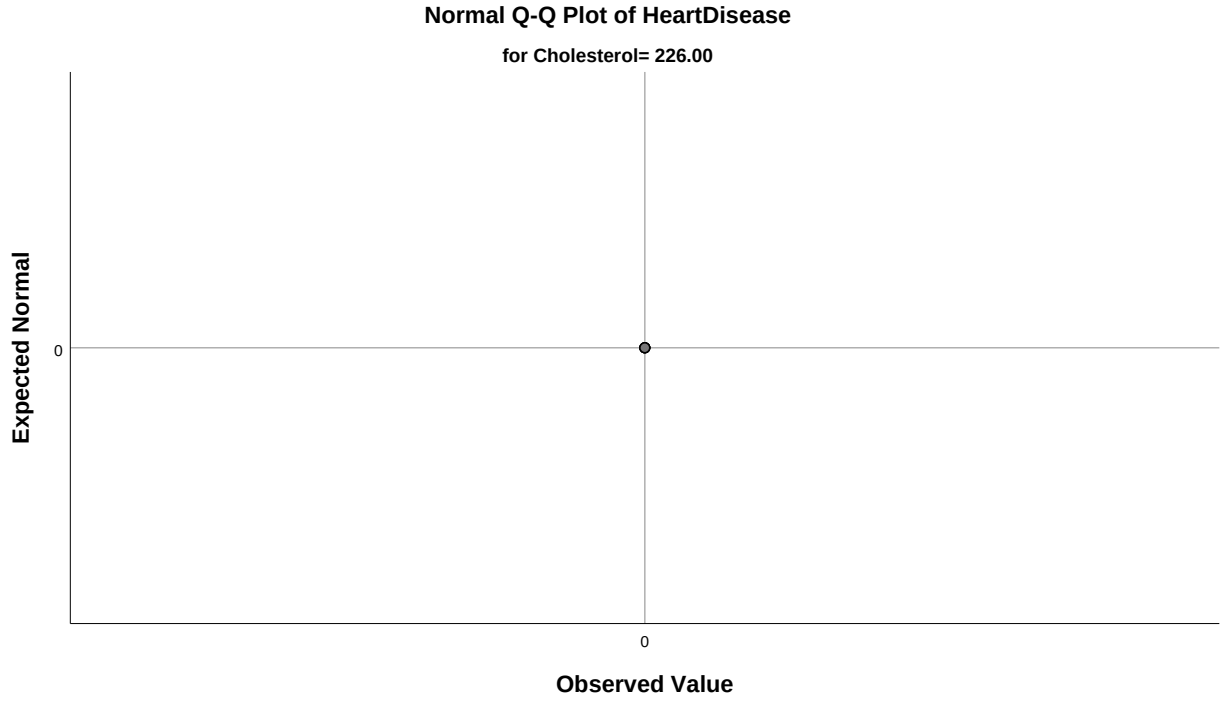

Normal Q-Q Plot of HeartDisease
for Cholesterol= 214.00
Expected Normal
0
0
Observed Value

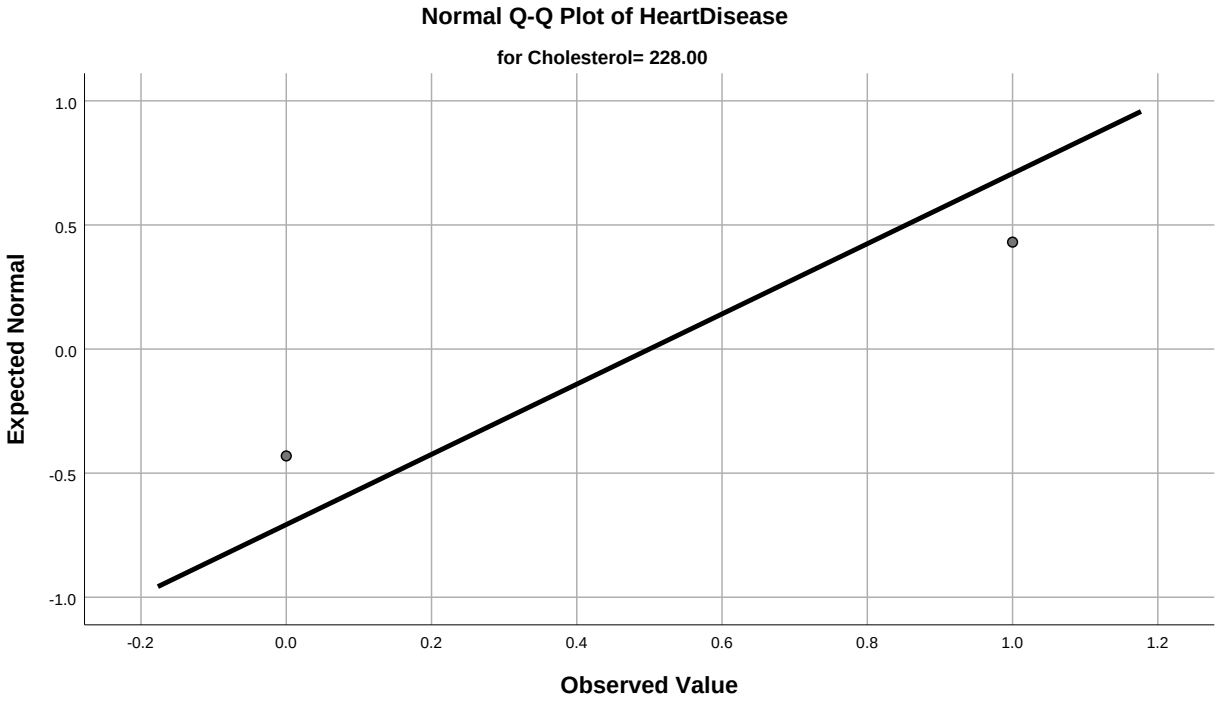

Normal Q-Q Plot of HeartDisease
for Cholesterol= 218.00
Expected Normal
0
1
Observed Value

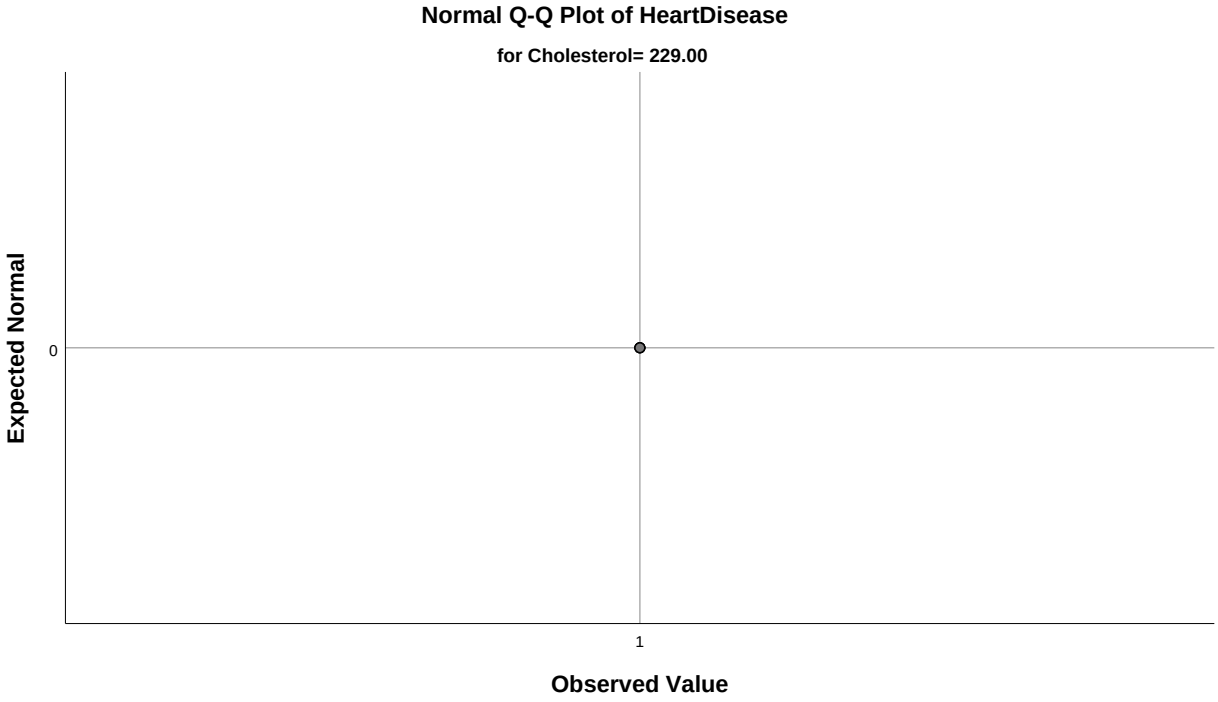

Normal Q-Q Plot of HeartDisease
for Cholesterol= 219.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

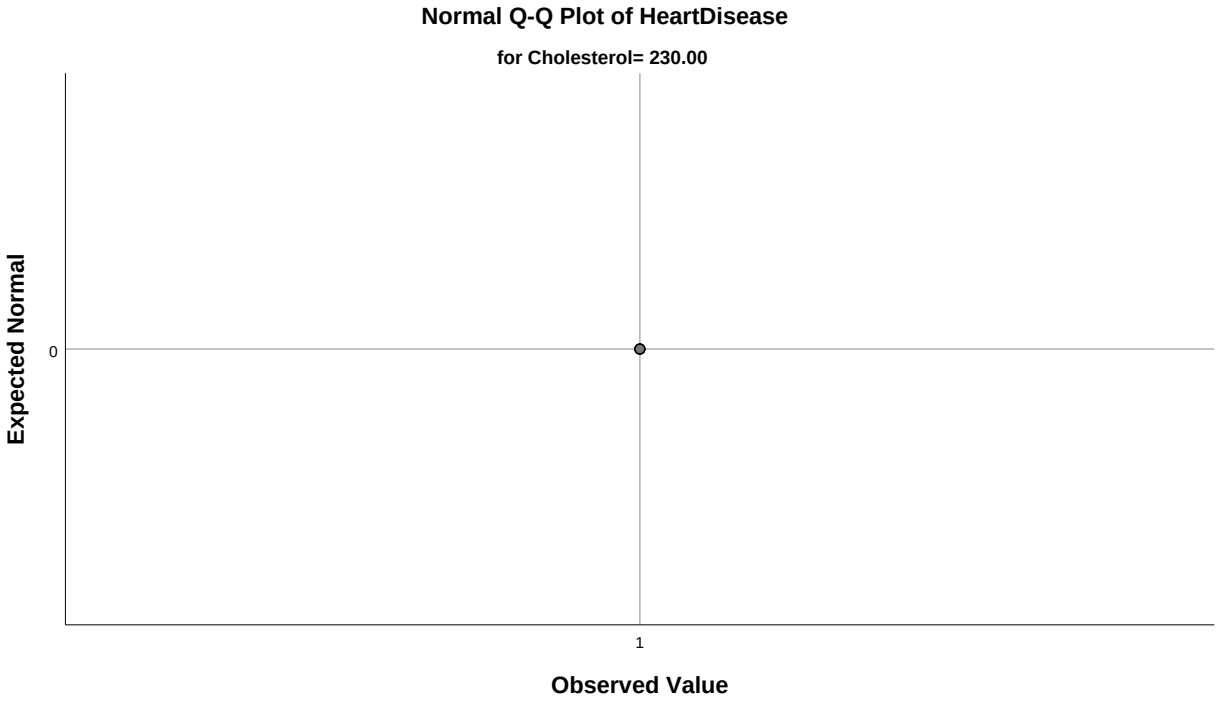

Normal Q-Q Plot of HeartDisease
for Cholesterol= 222.00
Expected Normal
0
0
Observed Value

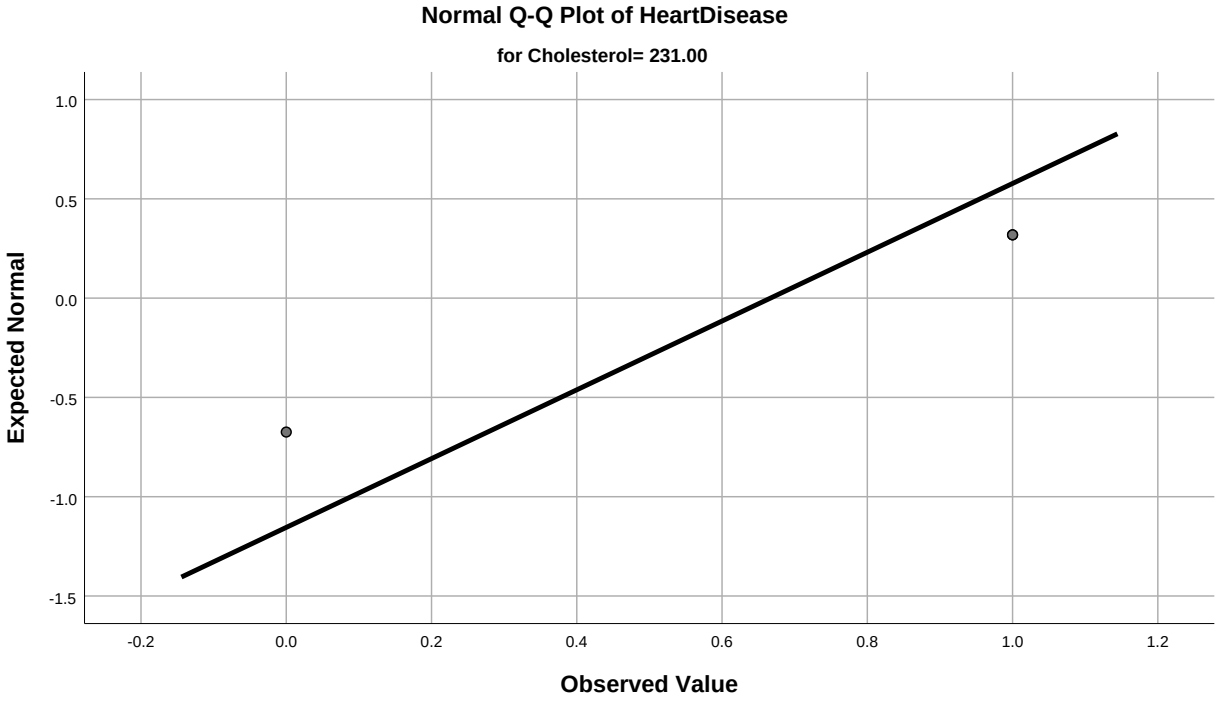

Normal Q-Q Plot of HeartDisease
for Cholesterol= 223.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

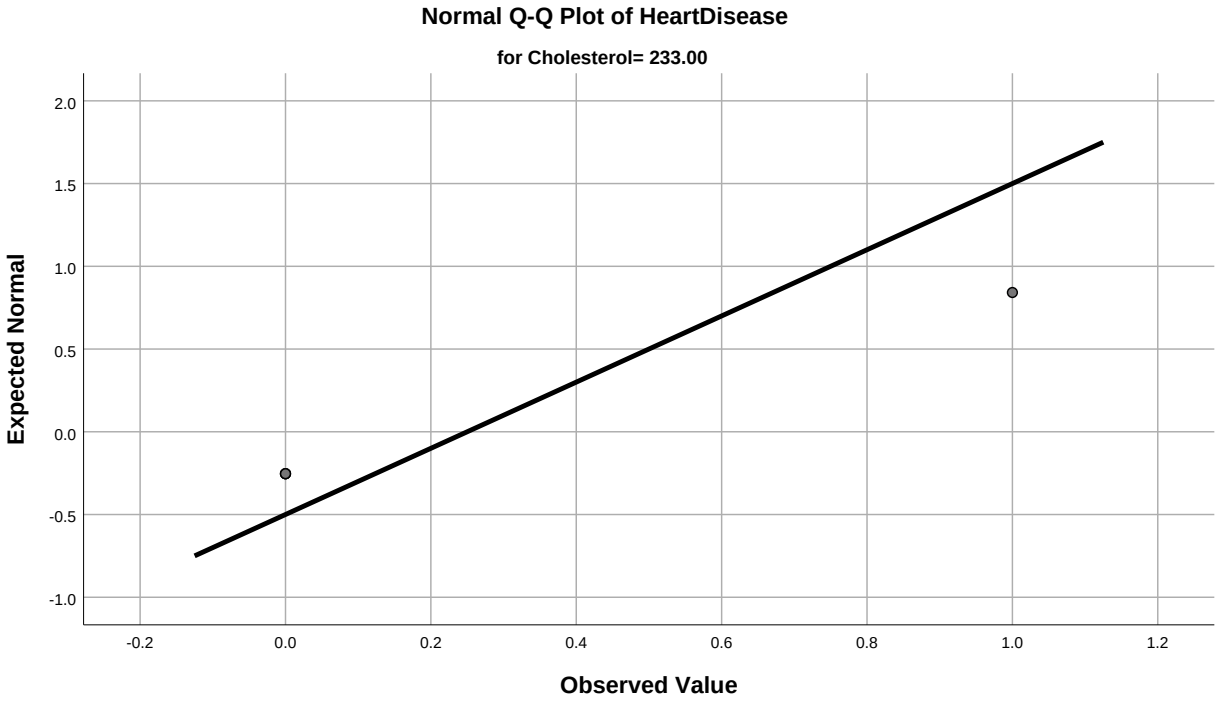

Normal Q-Q Plot of HeartDisease
for Cholesterol= 226.00
Expected Normal
0
0
Observed Value

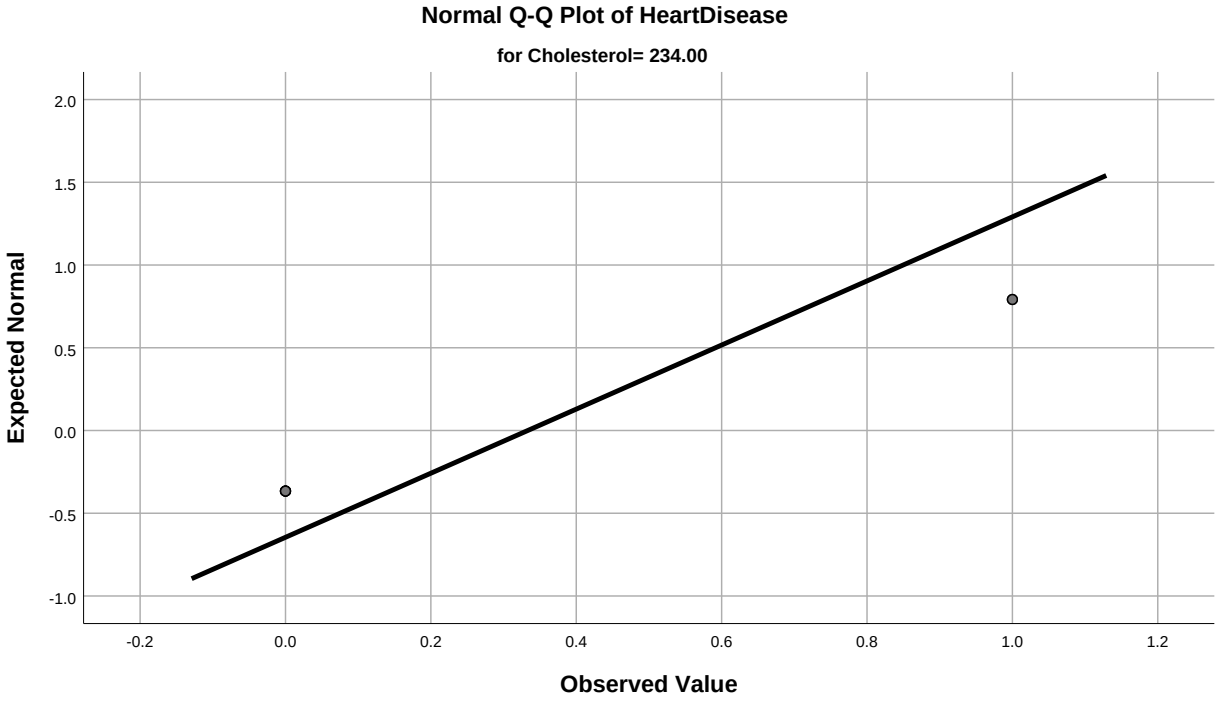

Normal Q-Q Plot of HeartDisease
for Cholesterol= 228.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

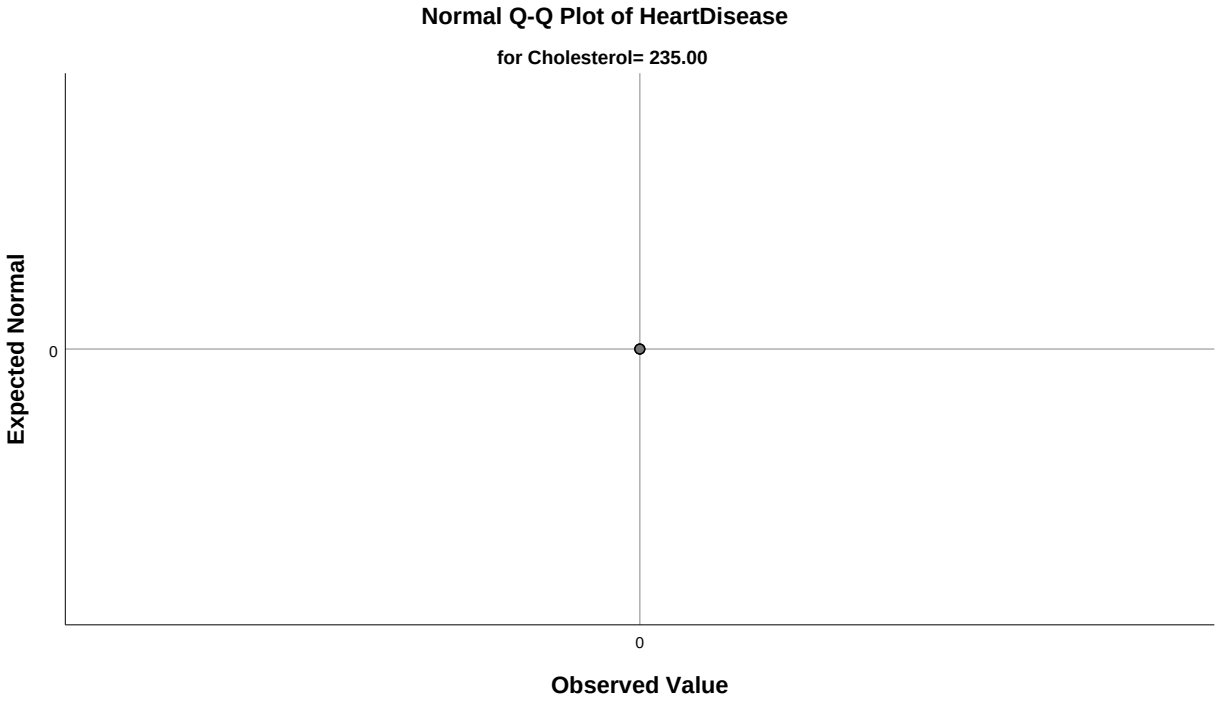

Normal Q-Q Plot of HeartDisease
for Cholesterol= 229.00
Expected Normal
0
1
Observed Value

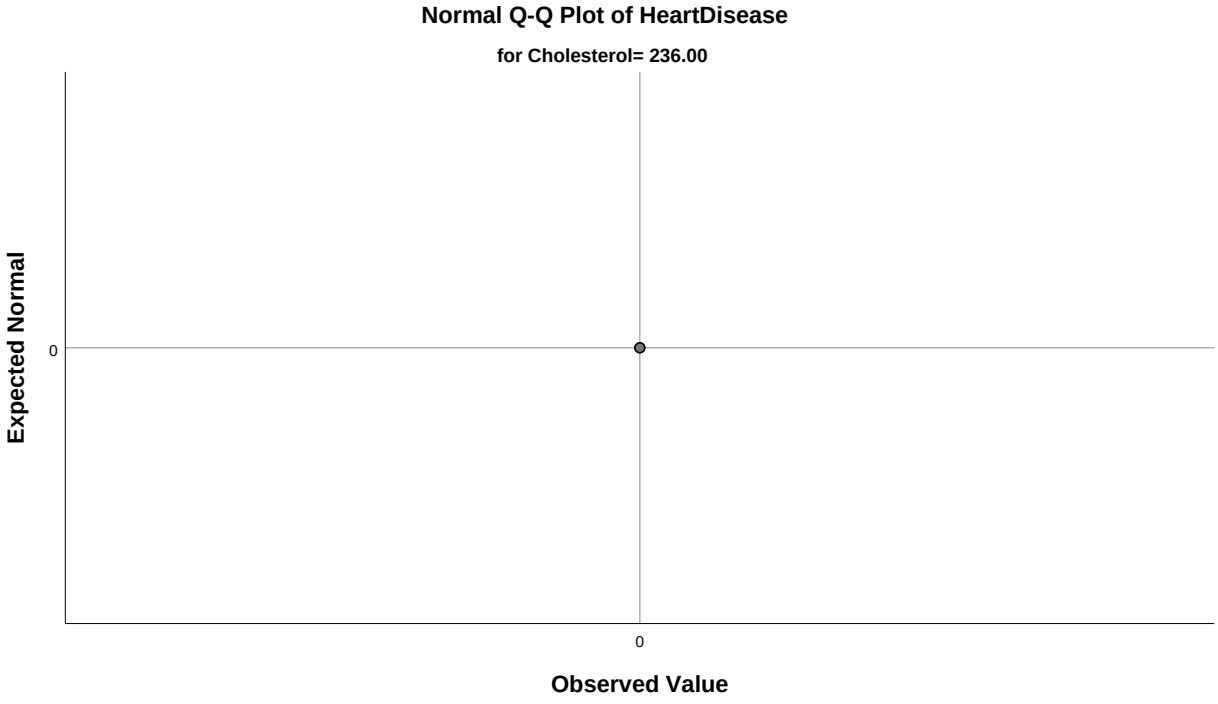

Normal Q-Q Plot of HeartDisease
for Cholesterol= 230.00
Expected Normal
0
1
Observed Value

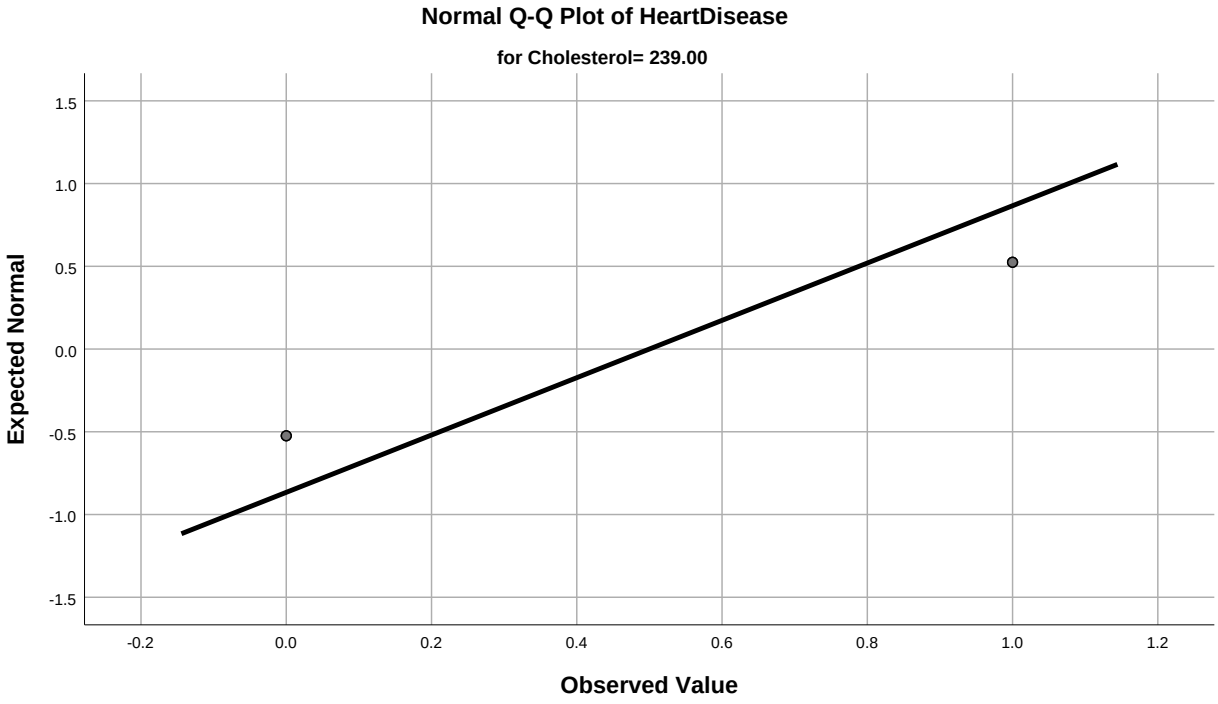

Normal Q-Q Plot of HeartDisease
for Cholesterol= 231.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

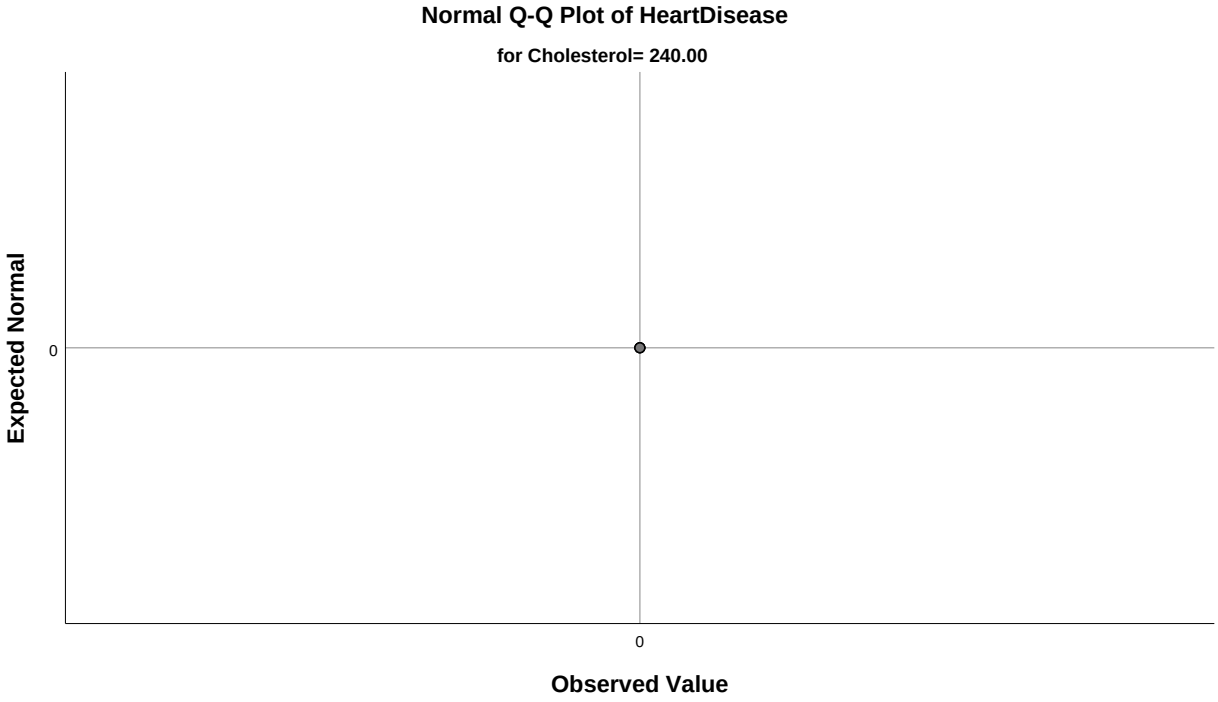

Normal Q-Q Plot of HeartDisease
for Cholesterol= 233.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

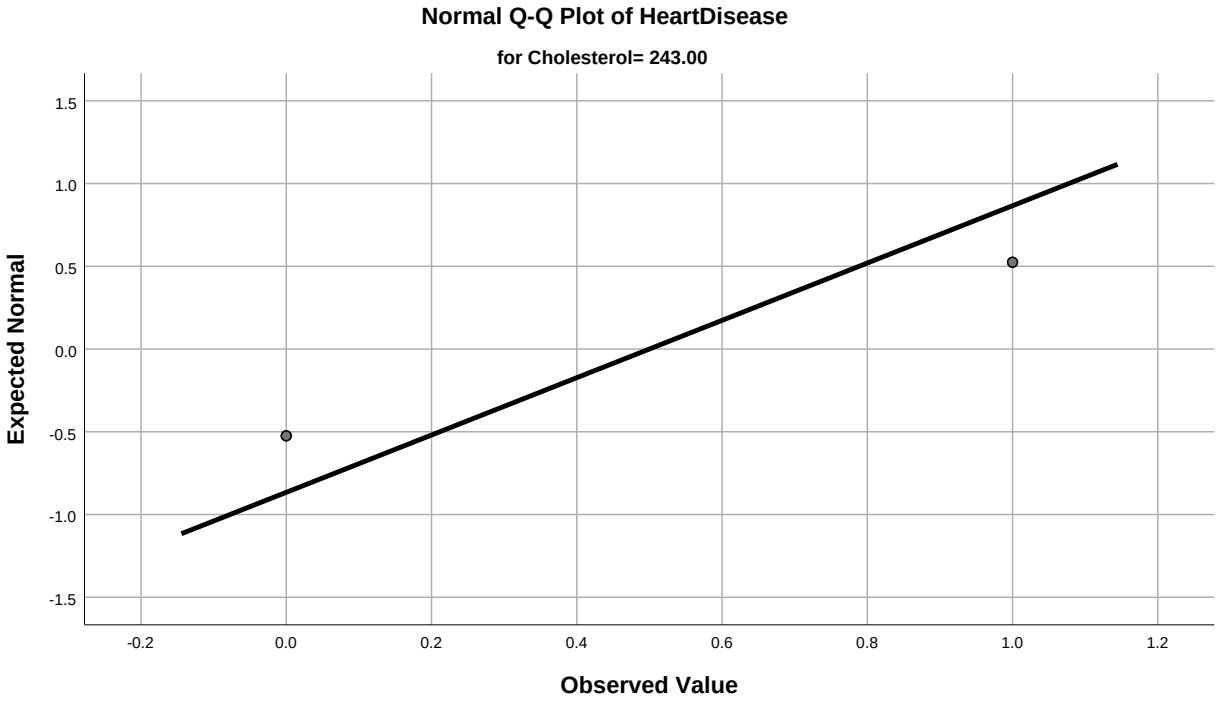

Normal Q-Q Plot of HeartDisease
for Cholesterol= 234.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

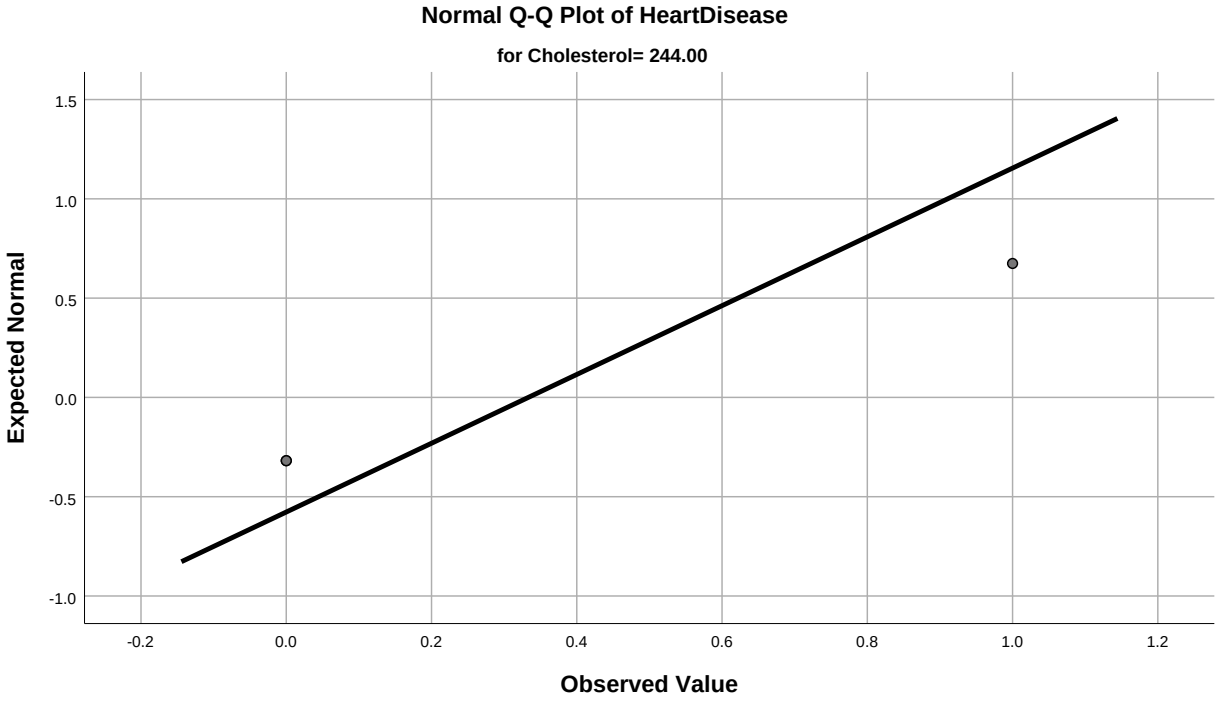

Normal Q-Q Plot of HeartDisease
for Cholesterol= 235.00
Expected Normal
0
0
Observed Value

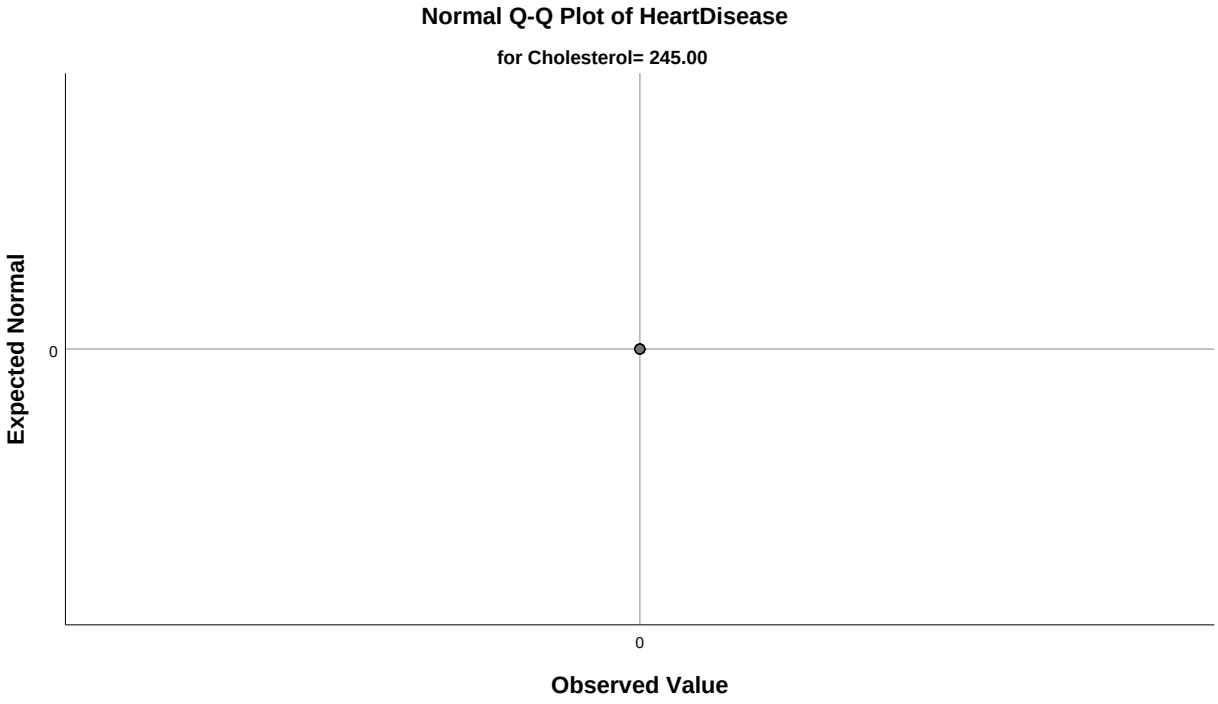

Normal Q-Q Plot of HeartDisease
for Cholesterol= 236.00
Expected Normal
0
0
Observed Value

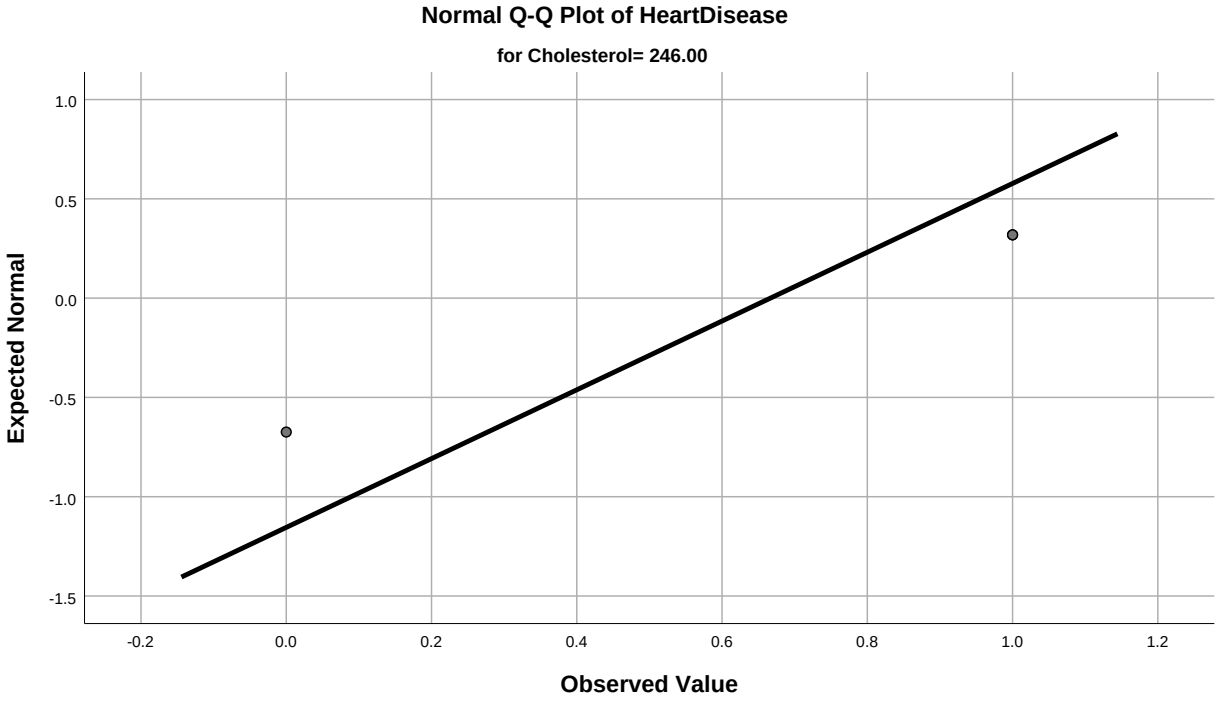

Normal Q-Q Plot of HeartDisease
for Cholesterol= 239.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

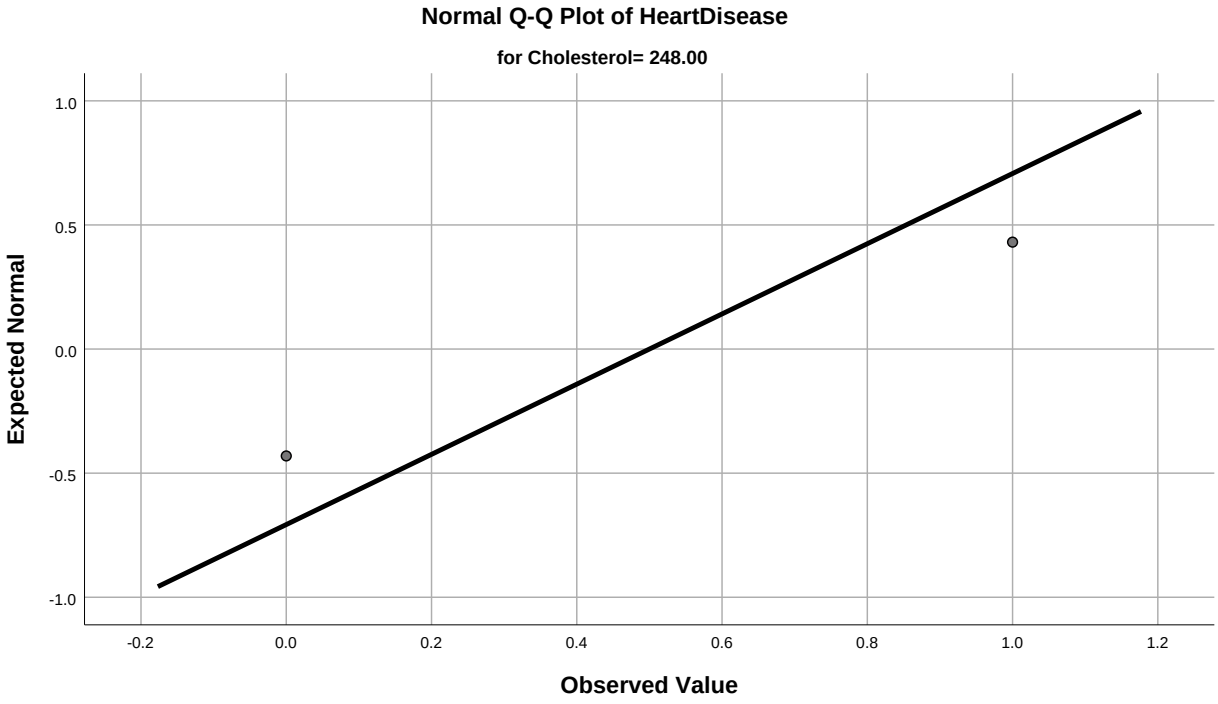

Normal Q-Q Plot of HeartDisease
for Cholesterol= 240.00
Expected Normal
0
0
Observed Value

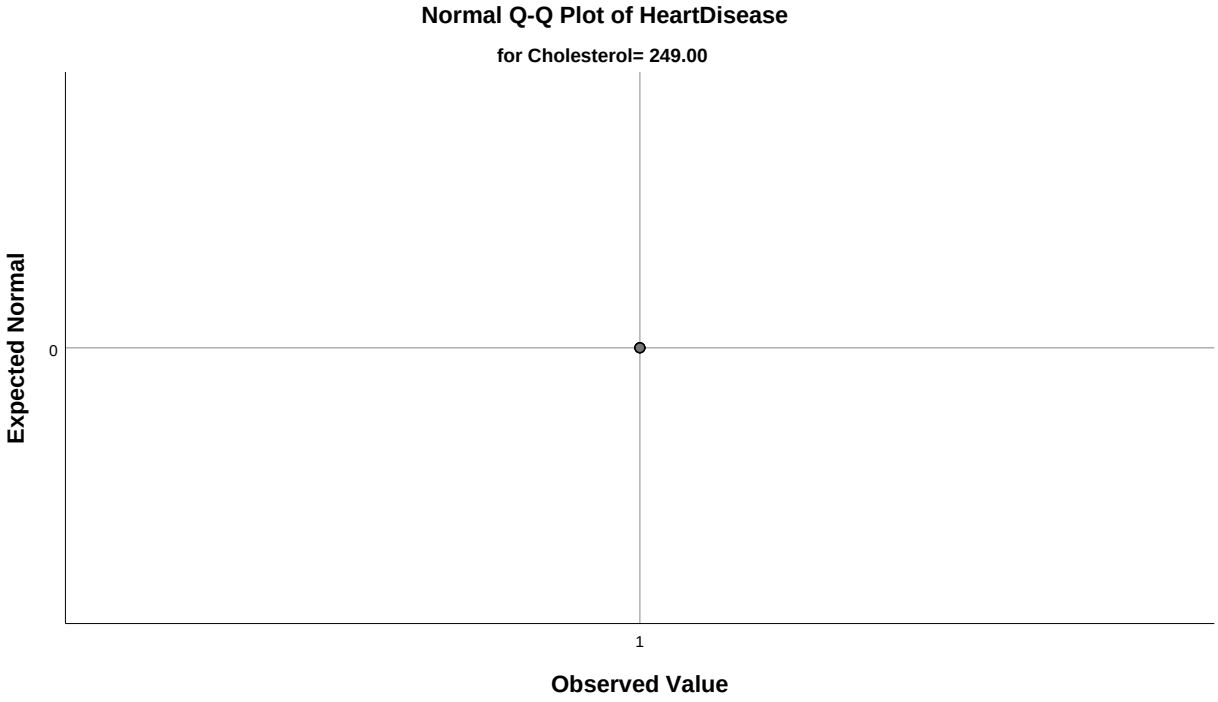

Normal Q-Q Plot of HeartDisease
for Cholesterol= 243.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

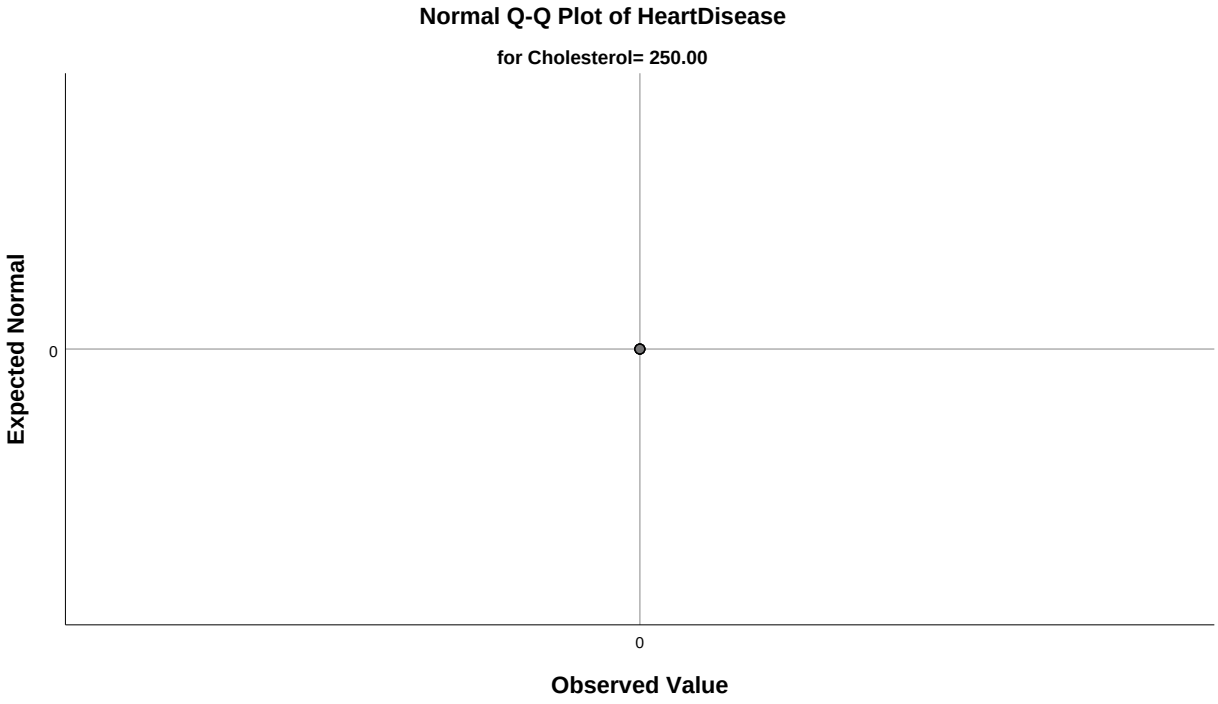

Normal Q-Q Plot of HeartDisease
for Cholesterol= 244.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

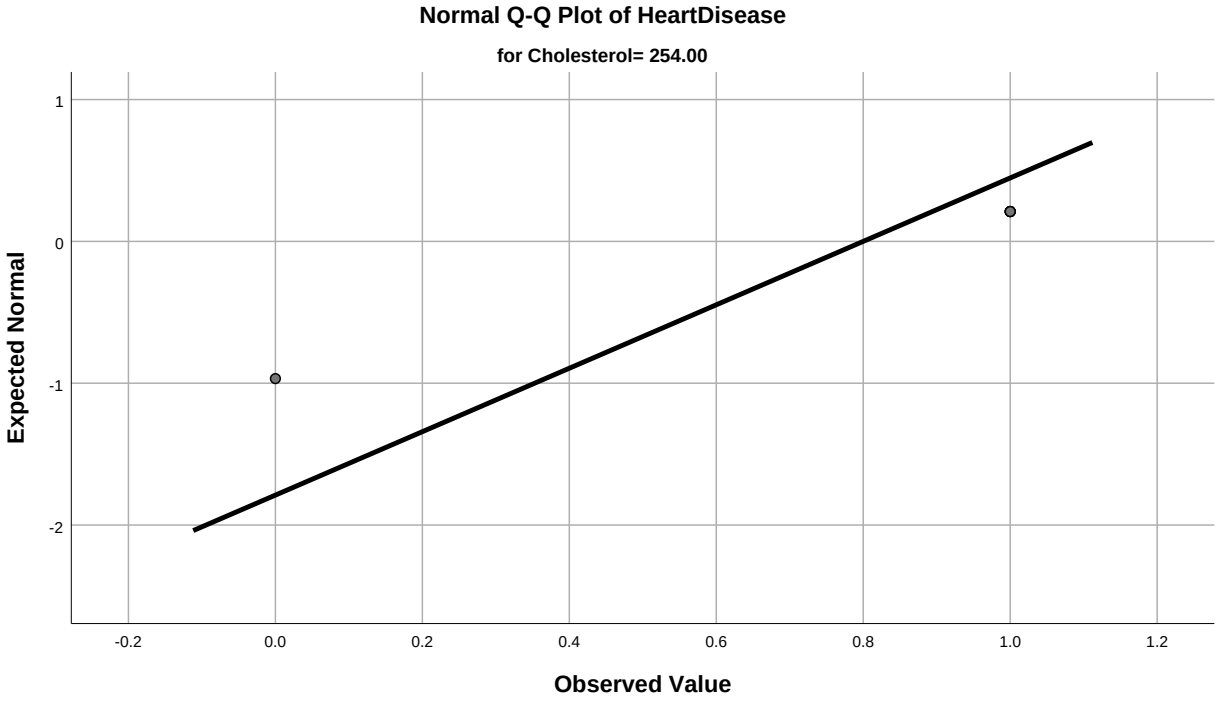

Normal Q-Q Plot of HeartDisease
for Cholesterol= 245.00
Expected Normal
0
0
Observed Value

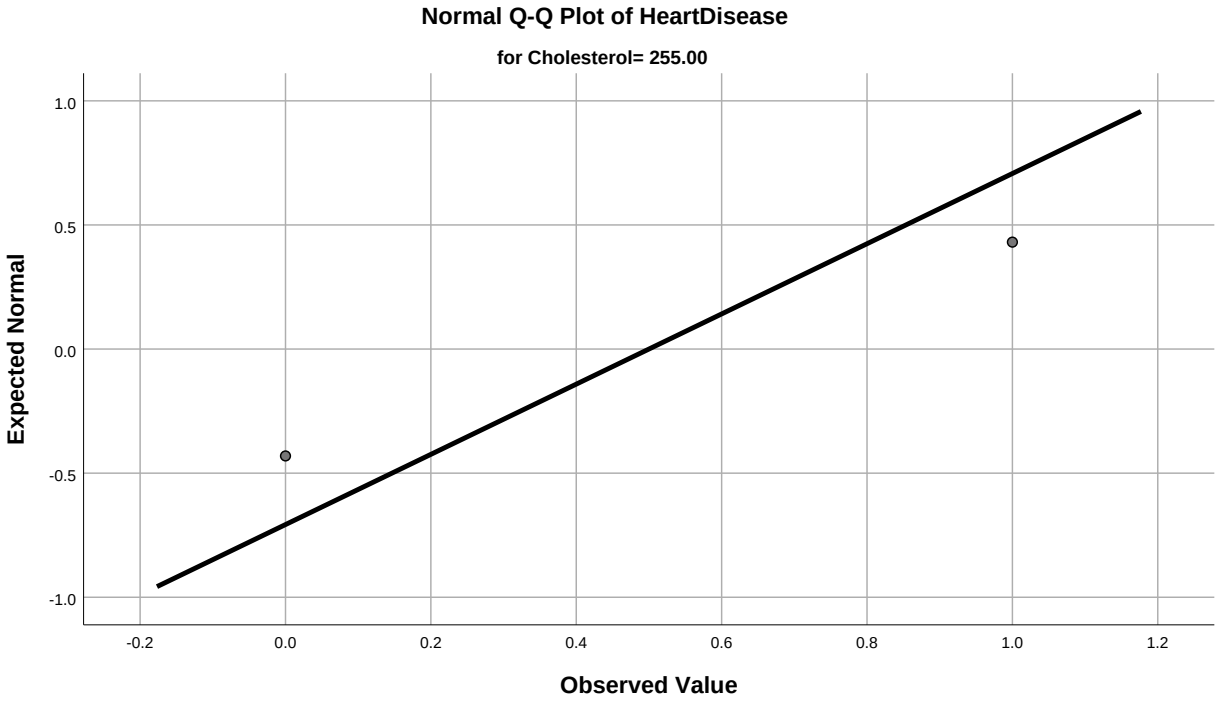

Normal Q-Q Plot of HeartDisease
for Cholesterol= 246.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

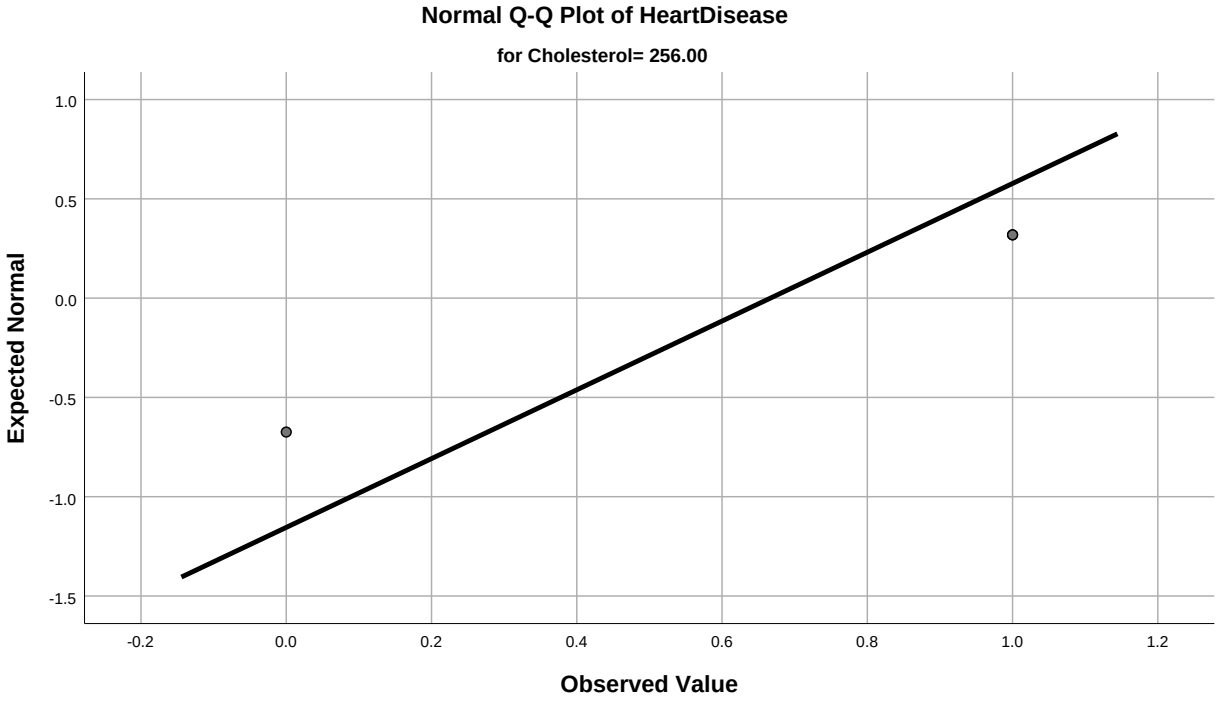

Normal Q-Q Plot of HeartDisease
for Cholesterol= 248.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

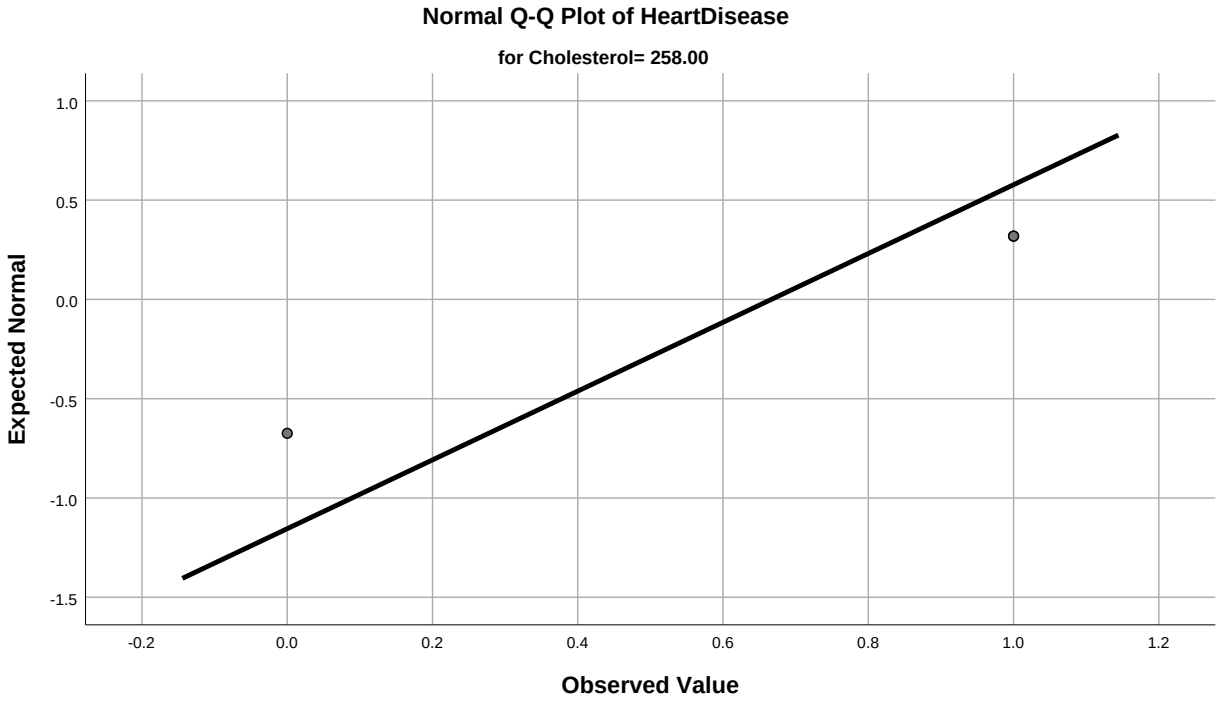

Normal Q-Q Plot of HeartDisease
for Cholesterol= 249.00
Expected Normal
0
1
Observed Value

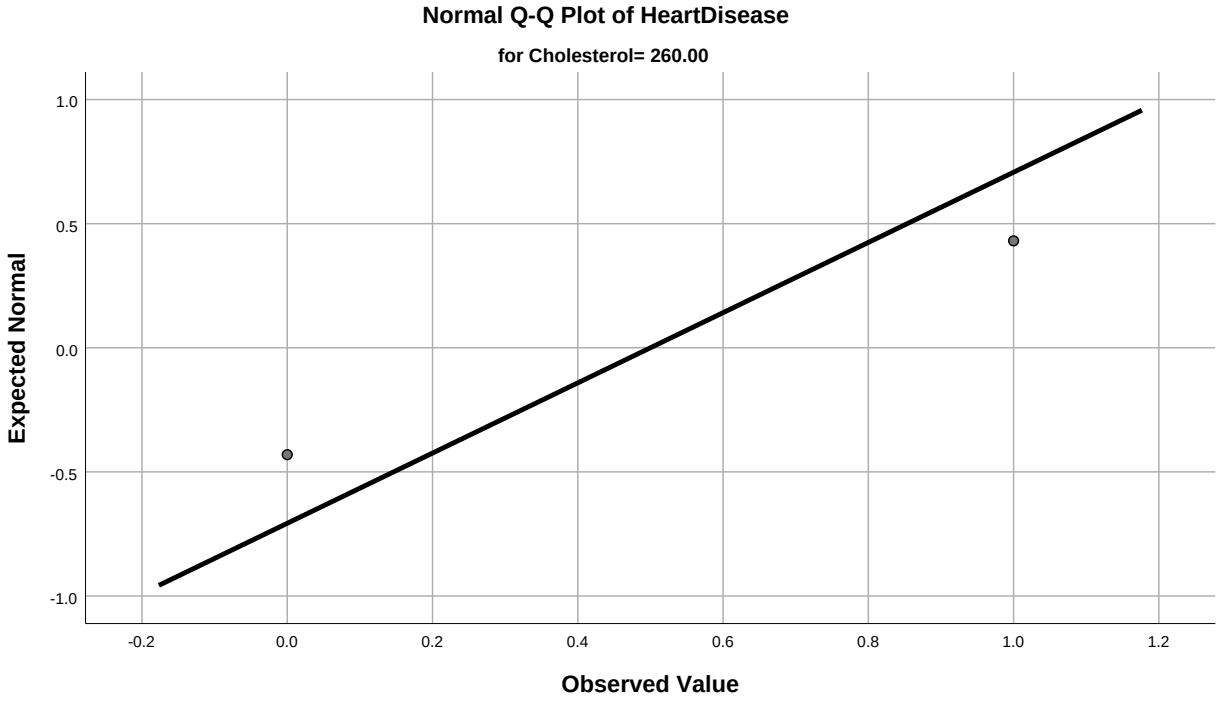

Normal Q-Q Plot of HeartDisease
for Cholesterol= 250.00
Expected Normal
0
0
Observed Value

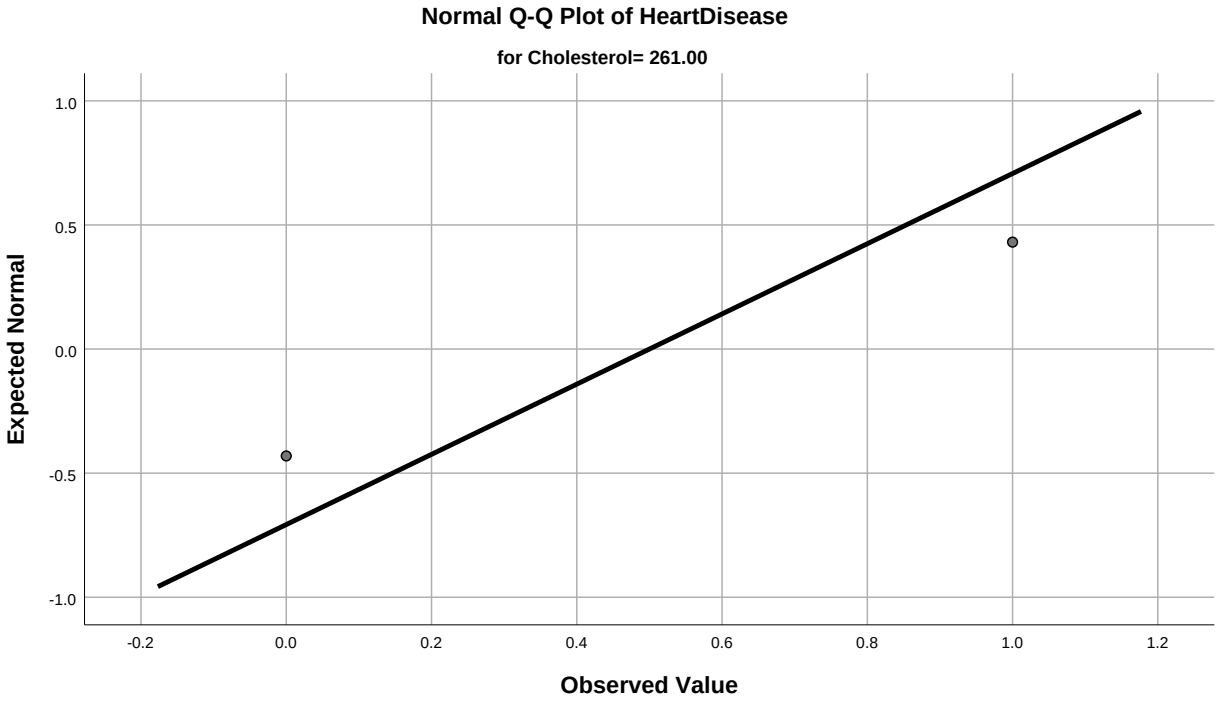

Normal Q-Q Plot of HeartDisease
for Cholesterol= 254.00
Expected Normal
1
0
-1
-2
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

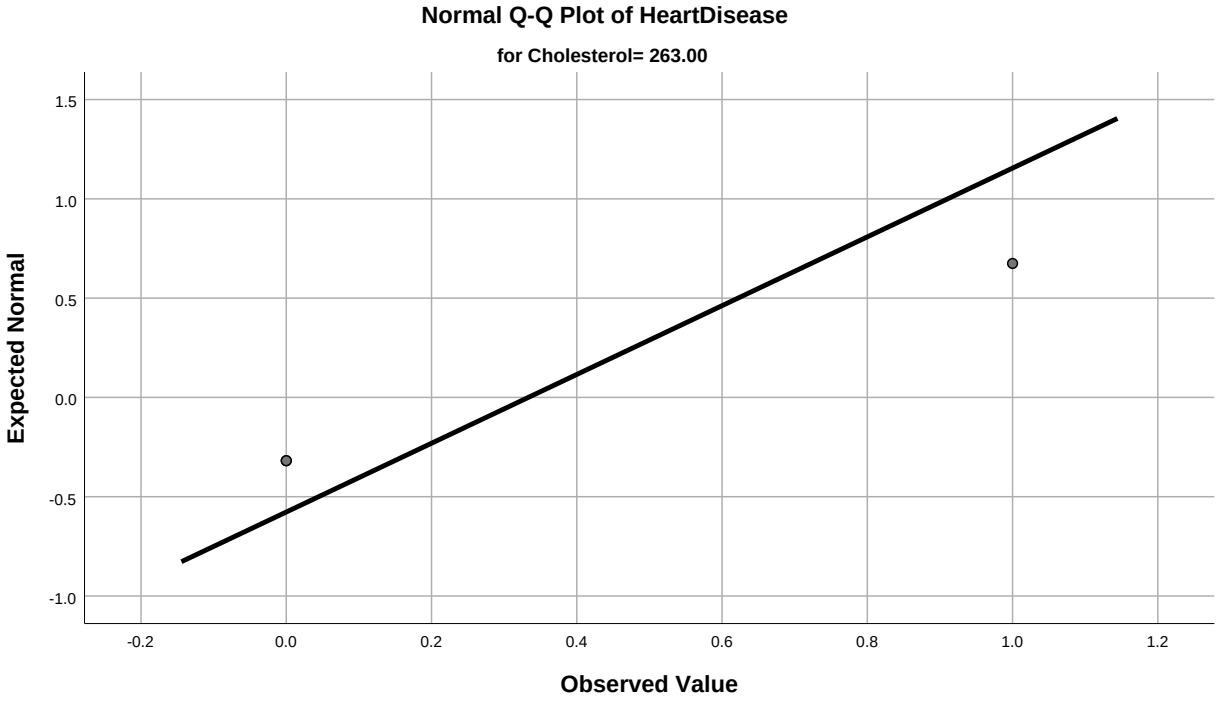

Normal Q-Q Plot of HeartDisease
for Cholesterol= 255.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

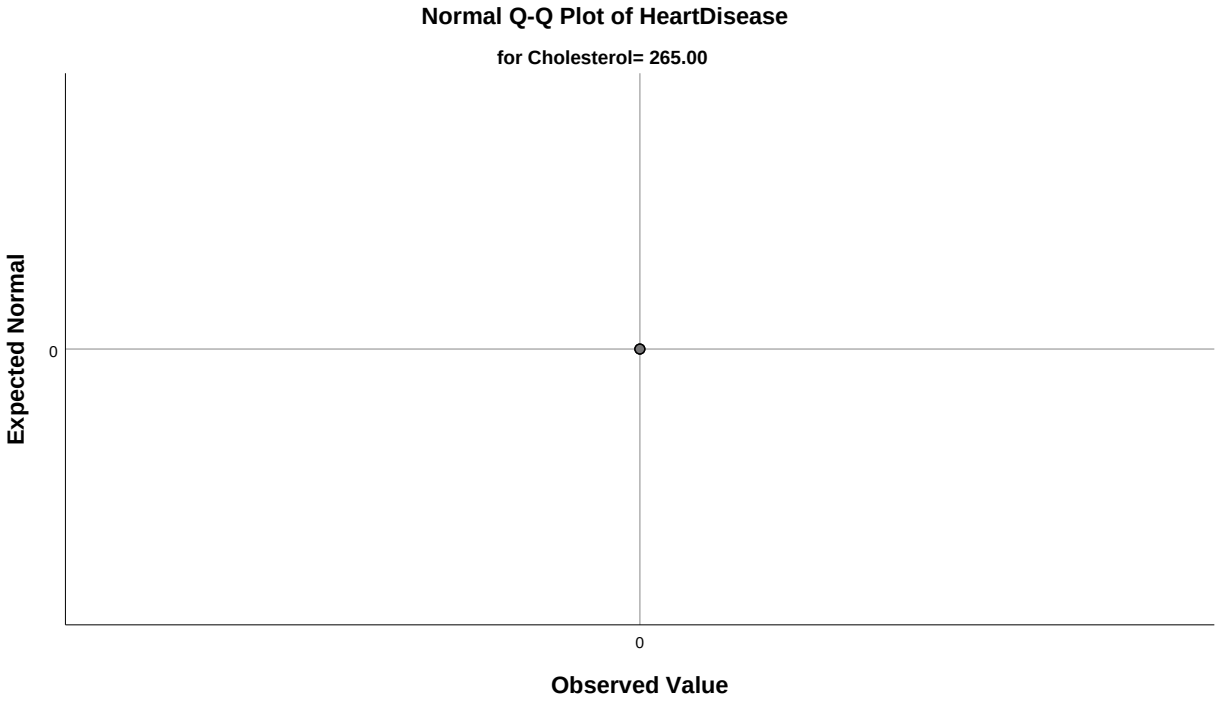

Normal Q-Q Plot of HeartDisease
for Cholesterol= 256.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

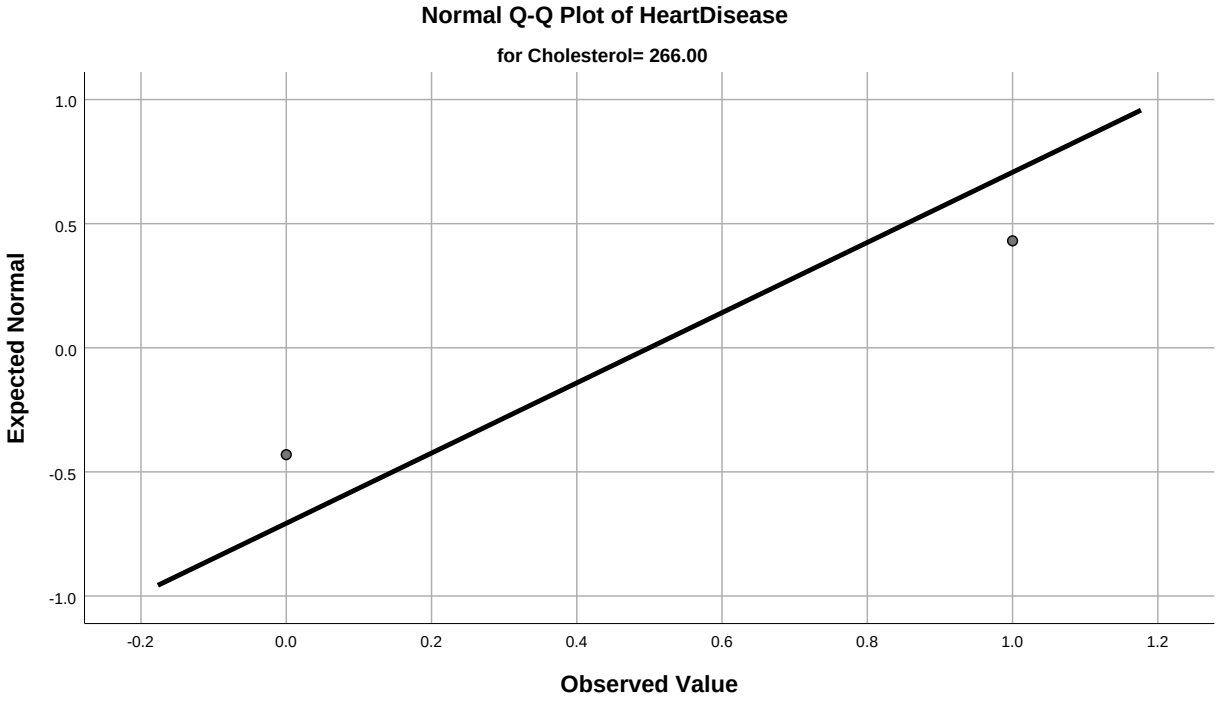

Normal Q-Q Plot of HeartDisease
for Cholesterol= 258.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

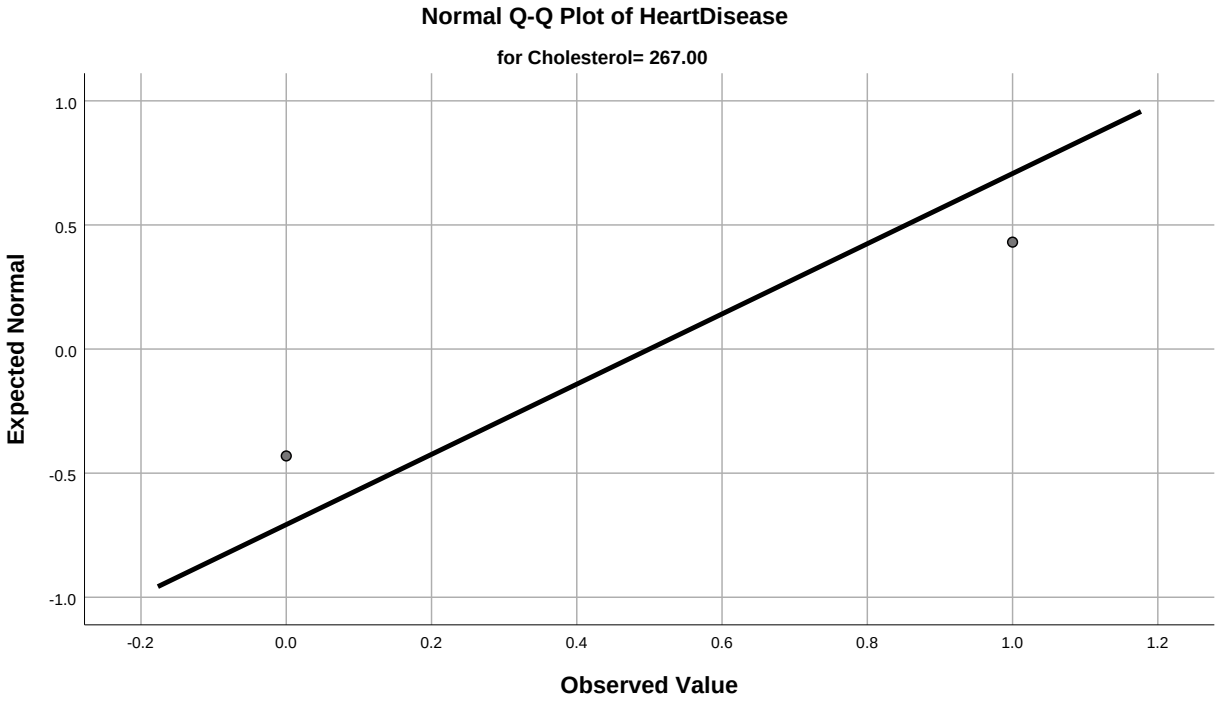

Normal Q-Q Plot of HeartDisease
for Cholesterol= 260.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

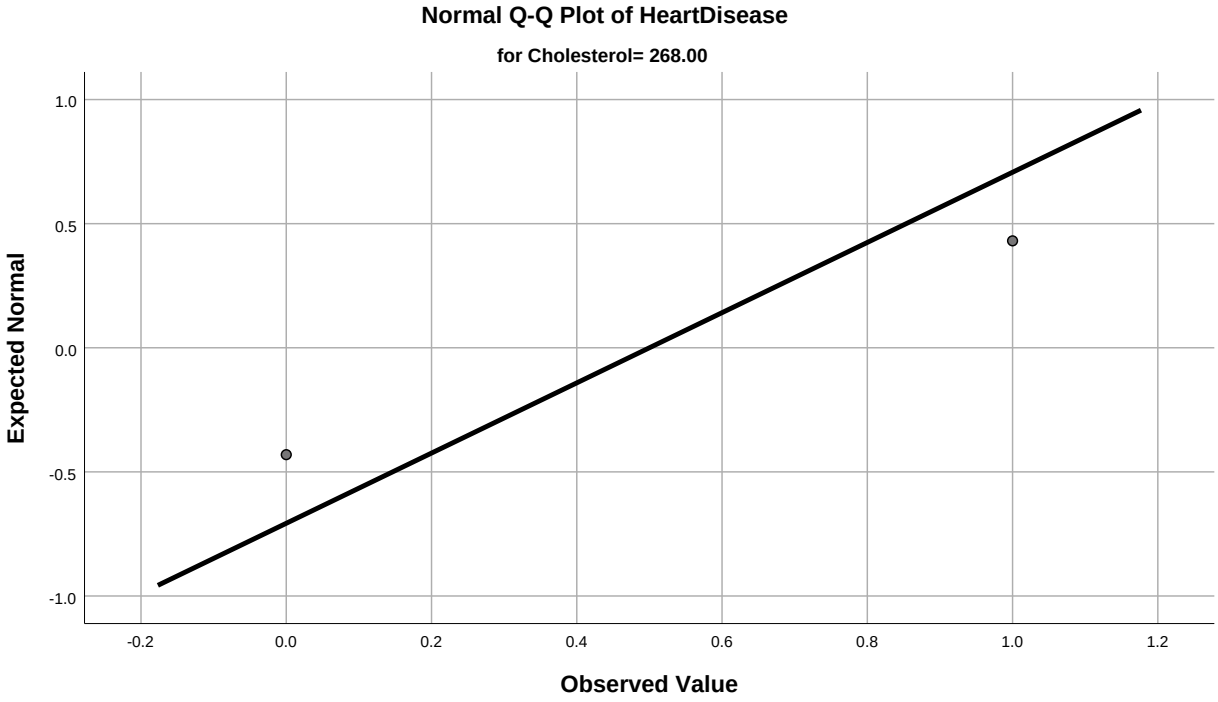

Normal Q-Q Plot of HeartDisease
for Cholesterol= 261.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

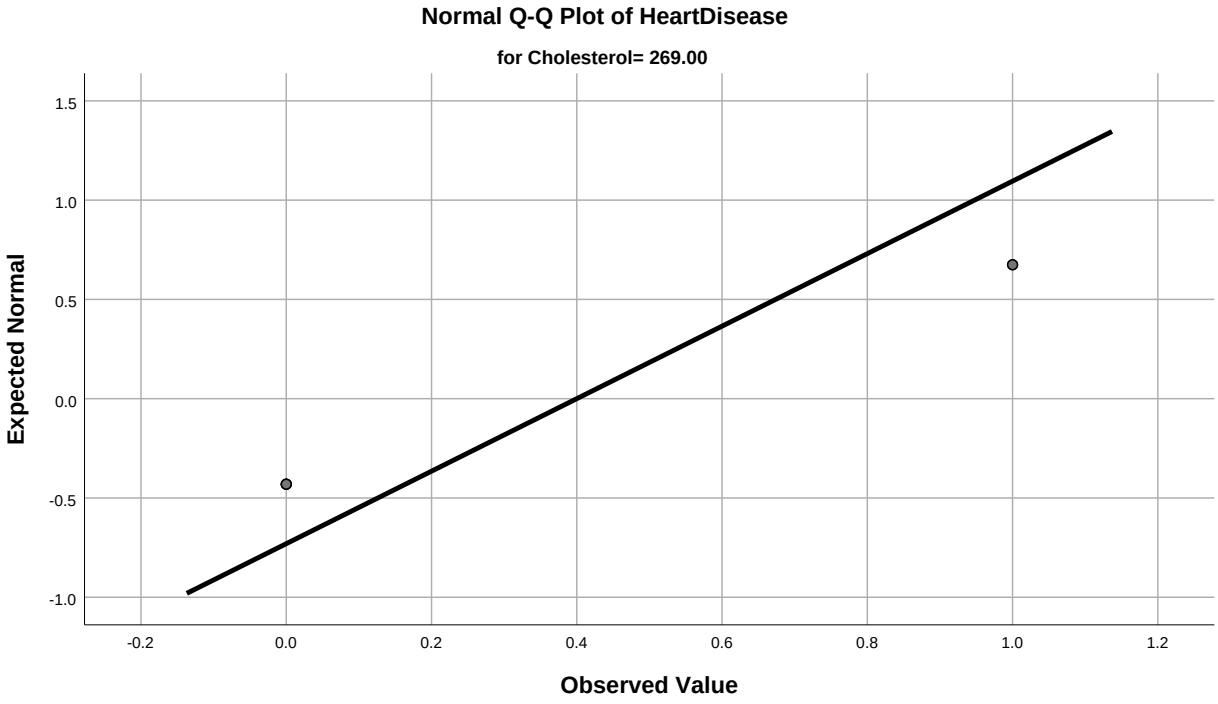

Normal Q-Q Plot of HeartDisease
for Cholesterol= 263.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

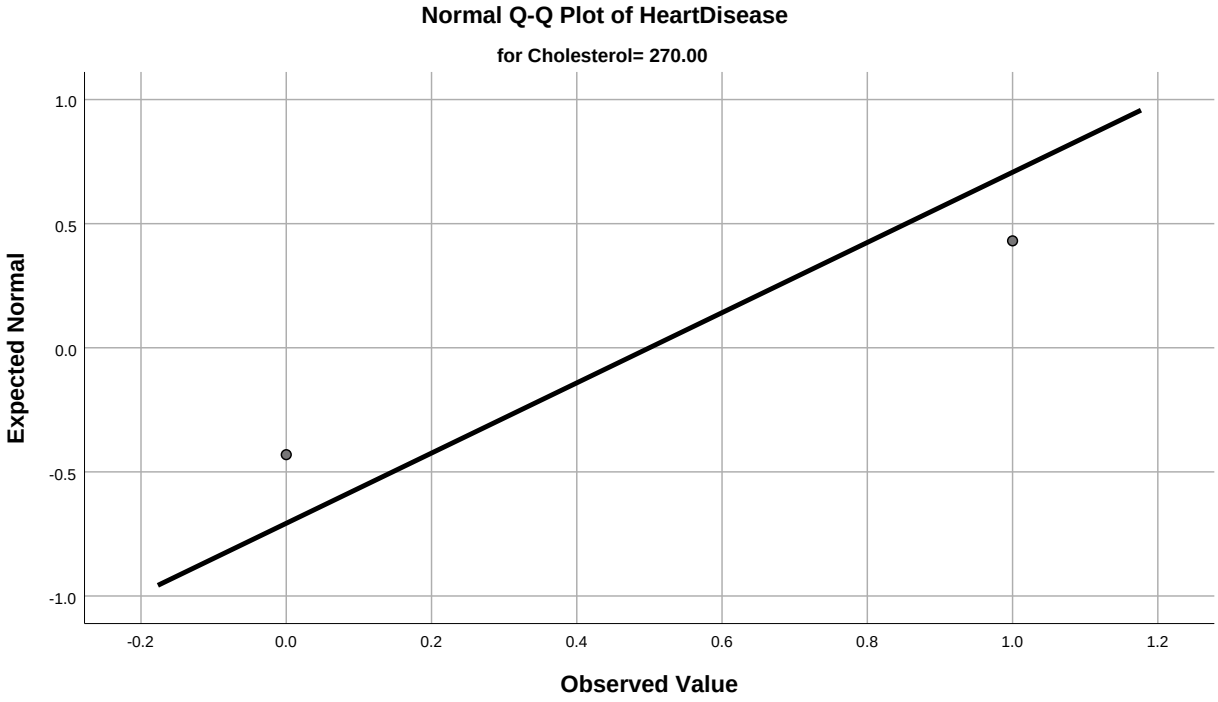

Normal Q-Q Plot of HeartDisease
for Cholesterol= 265.00
Expected Normal
0
0
Observed Value

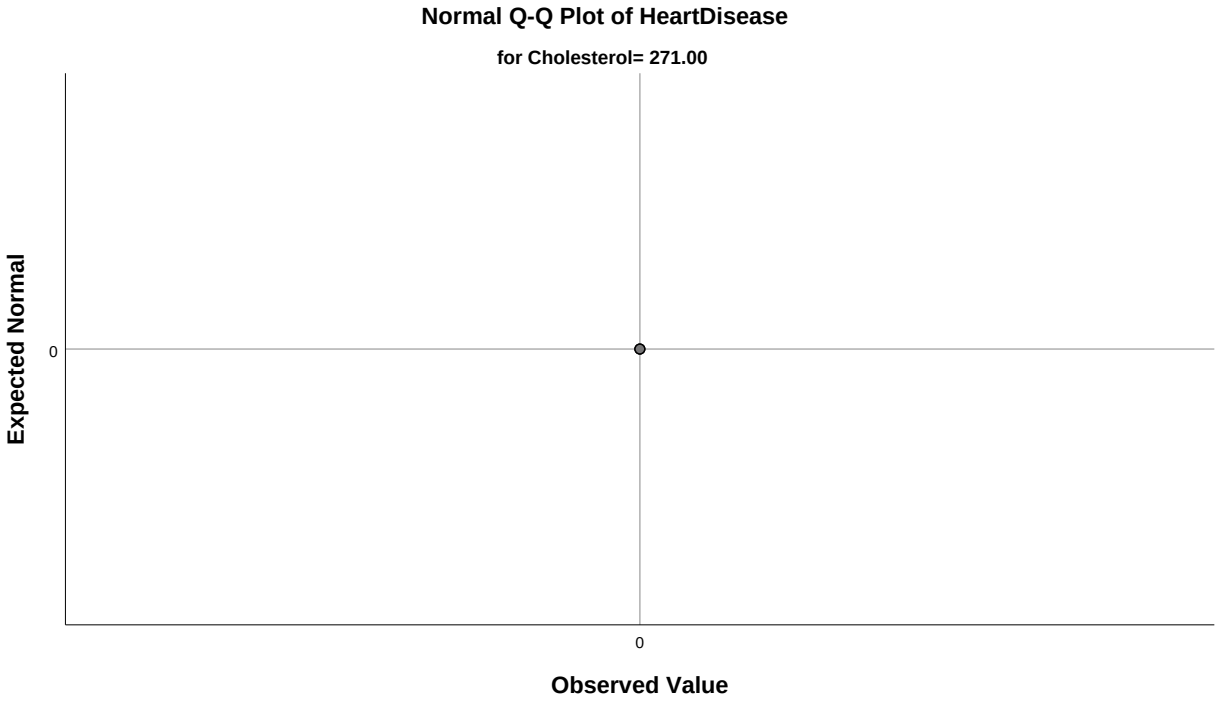

Normal Q-Q Plot of HeartDisease
for Cholesterol= 266.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

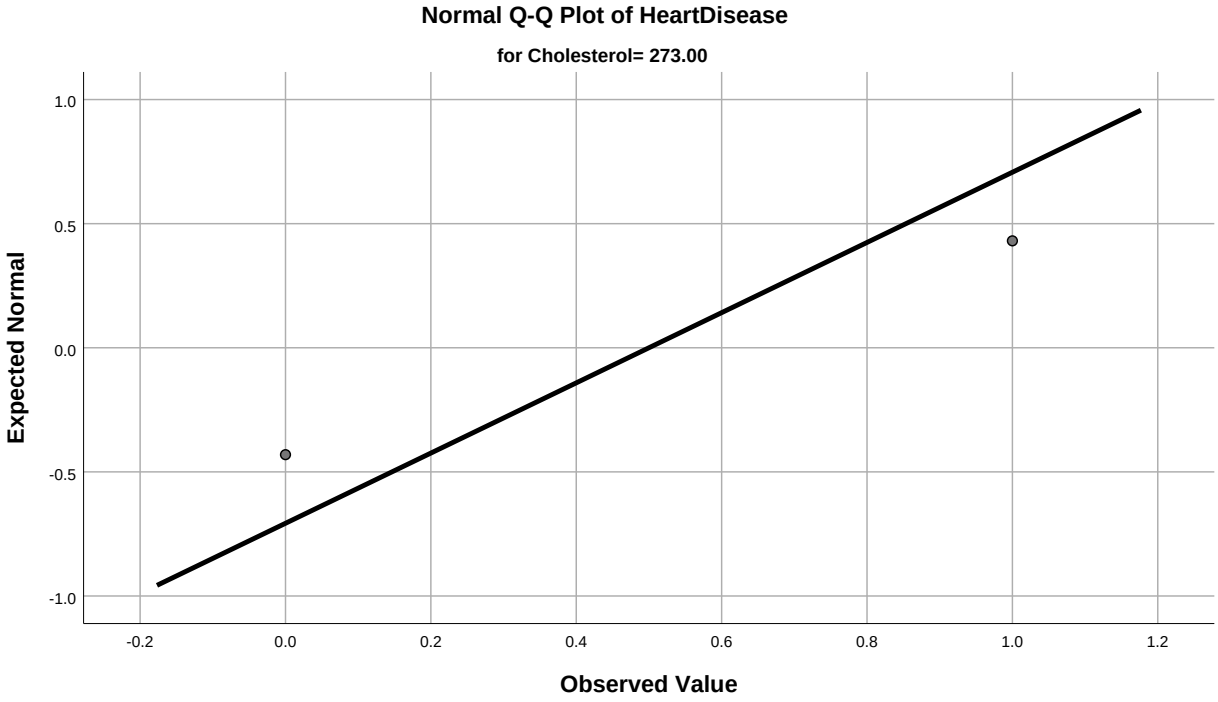

Normal Q-Q Plot of HeartDisease
for Cholesterol= 267.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

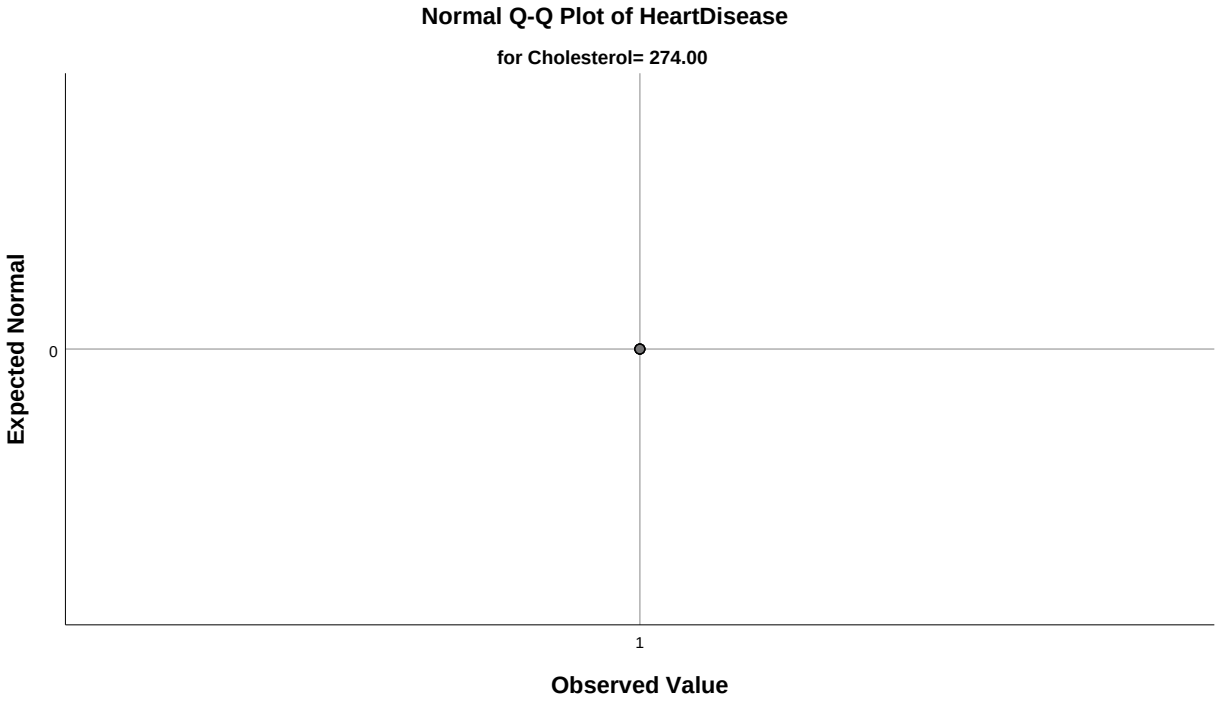

Normal Q-Q Plot of HeartDisease
for Cholesterol= 268.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

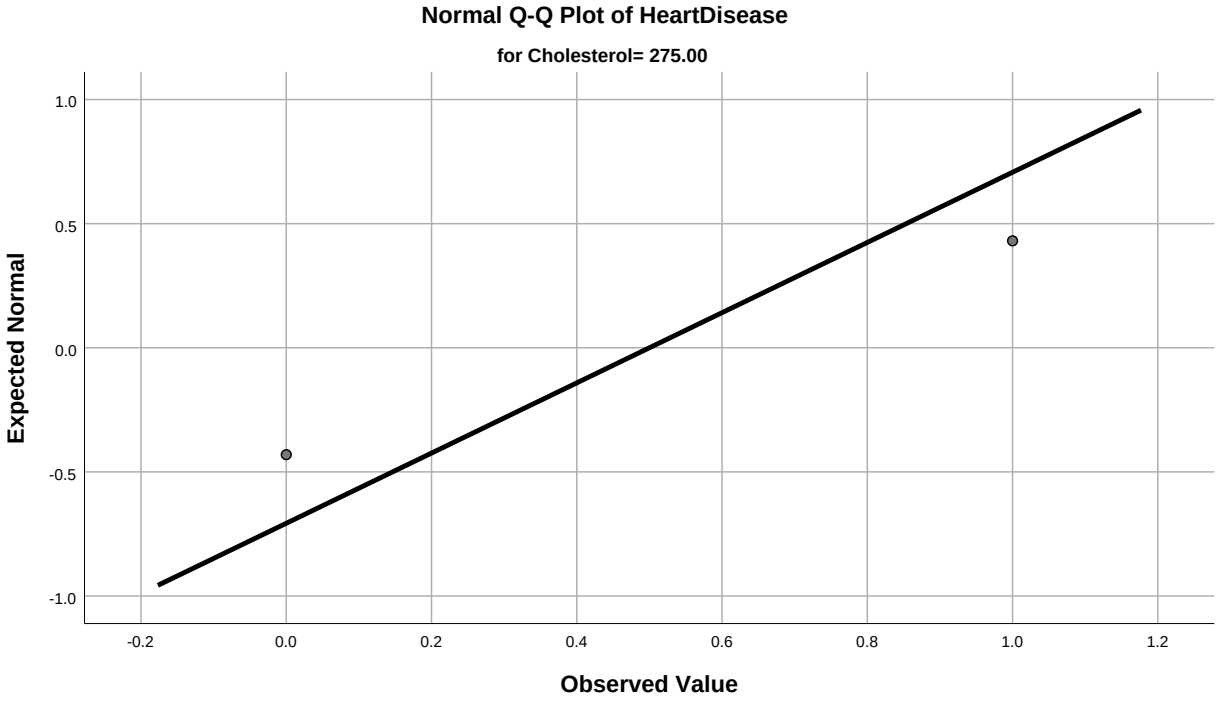

Normal Q-Q Plot of HeartDisease
for Cholesterol= 269.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

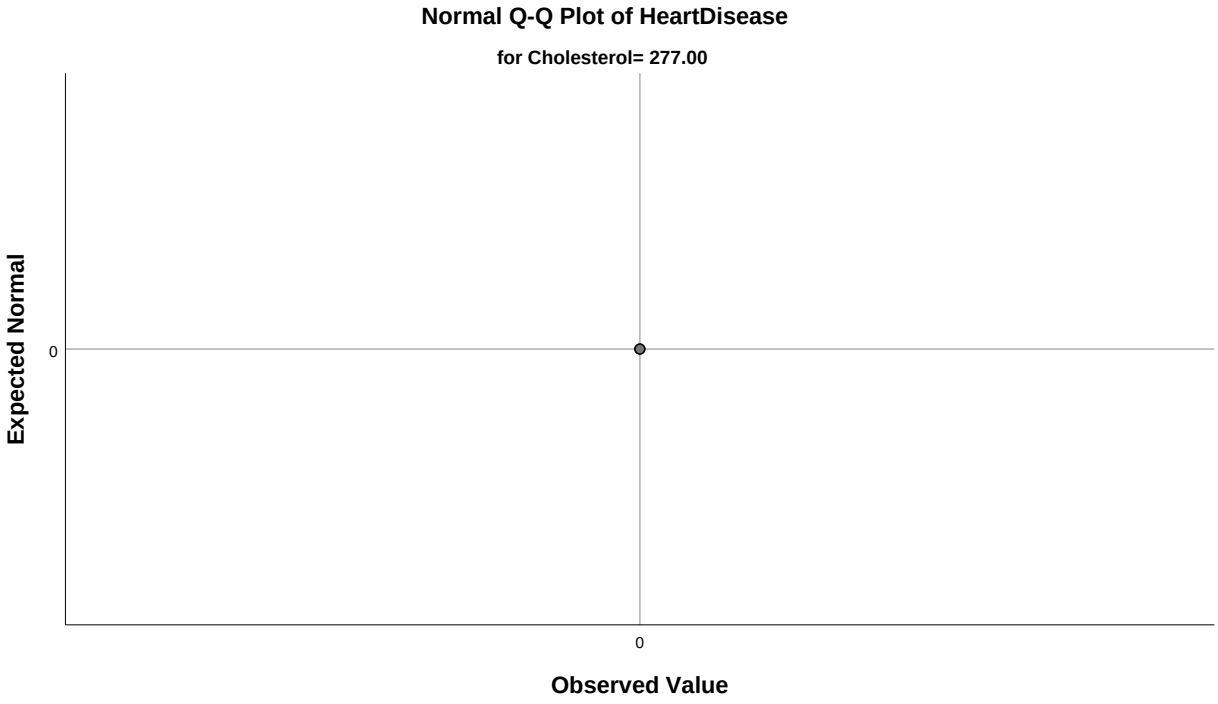

Normal Q-Q Plot of HeartDisease
for Cholesterol= 270.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

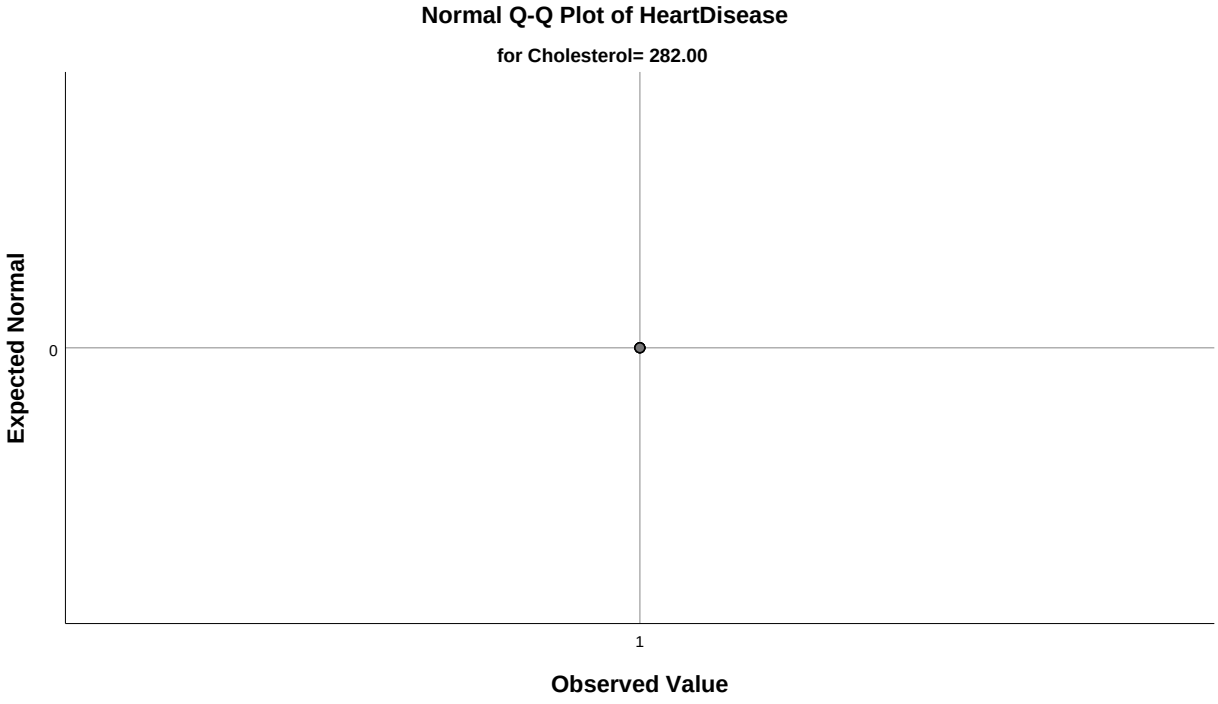

Normal Q-Q Plot of HeartDisease
for Cholesterol= 271.00
Expected Normal
0
0
Observed Value

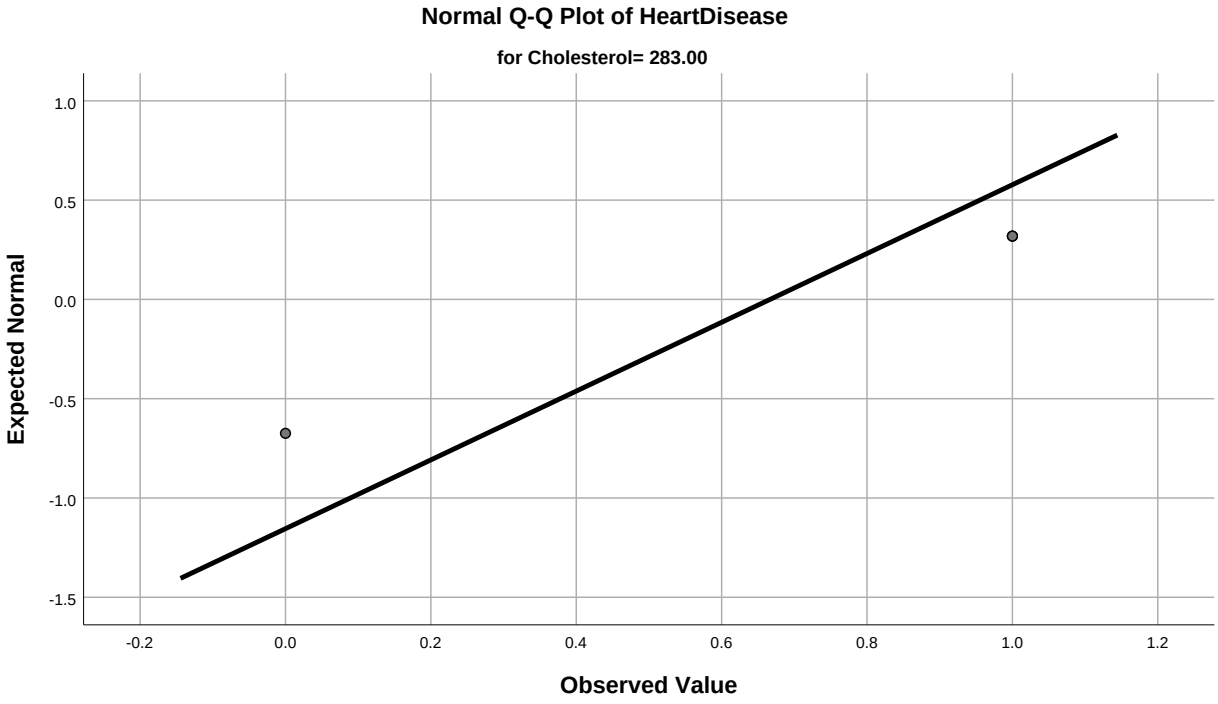

Normal Q-Q Plot of HeartDisease
for Cholesterol= 273.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

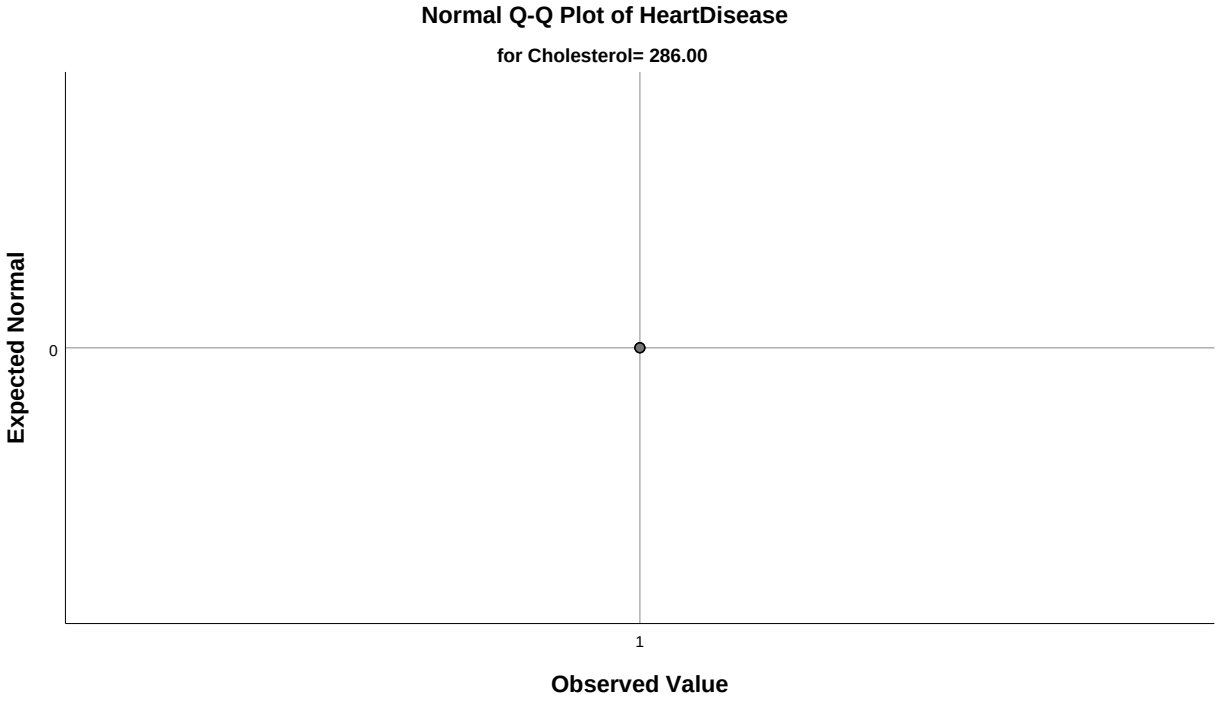

Normal Q-Q Plot of HeartDisease
for Cholesterol= 274.00
Expected Normal
0
1
Observed Value

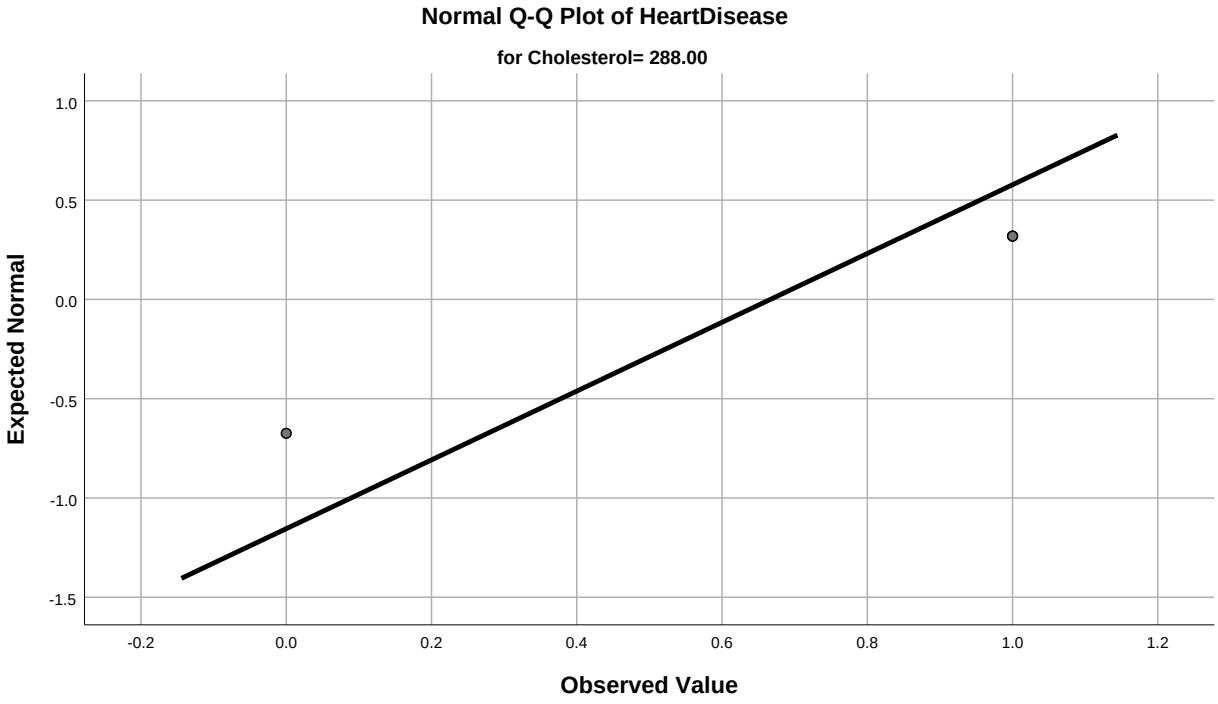

Normal Q-Q Plot of HeartDisease
for Cholesterol= 275.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

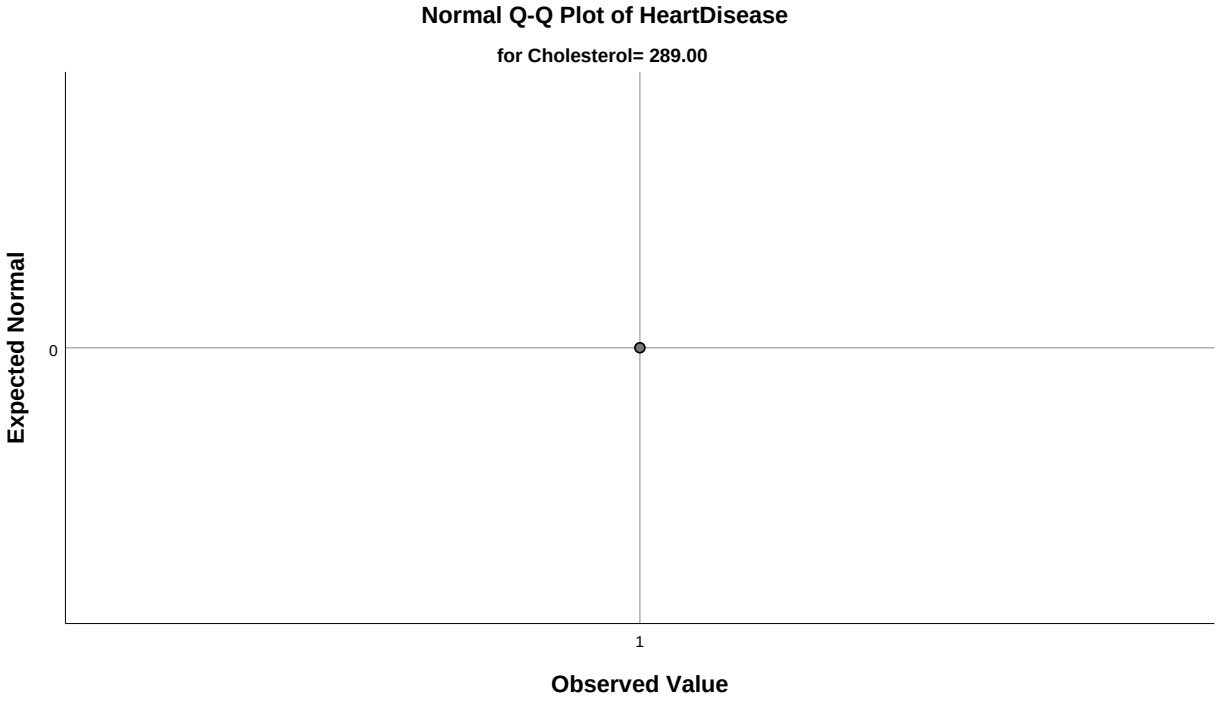

Normal Q-Q Plot of HeartDisease
for Cholesterol= 277.00
Expected Normal
0
0
Observed Value

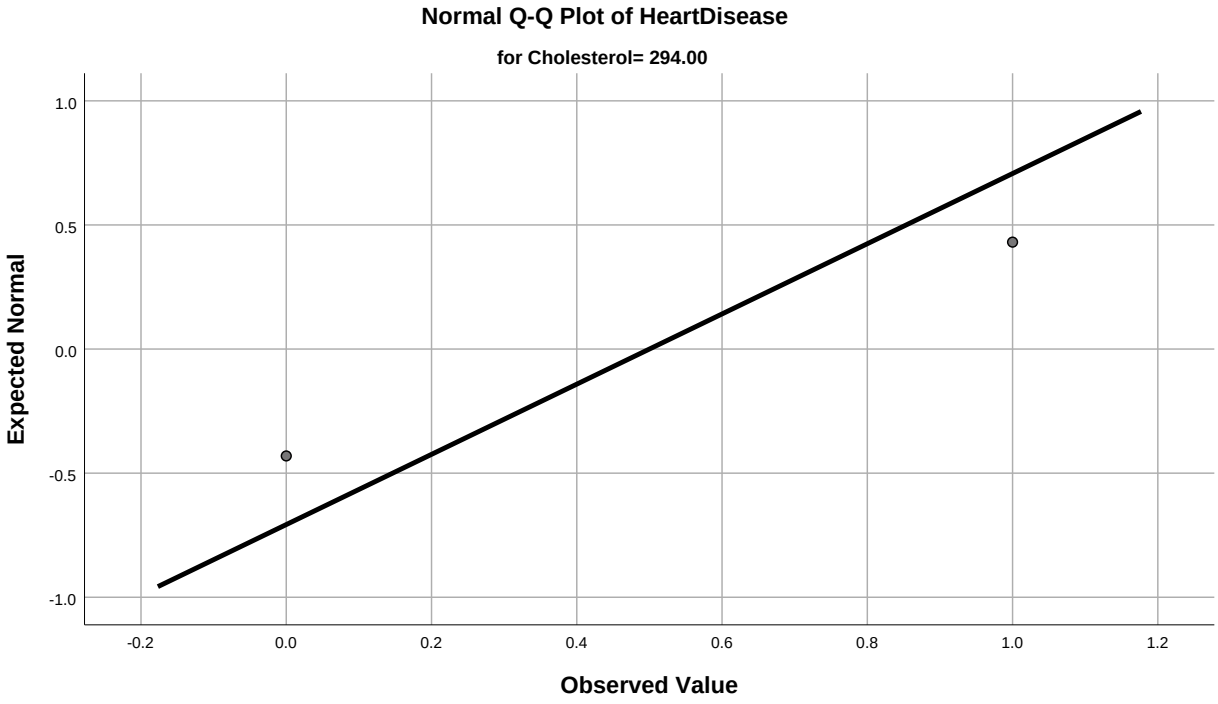

Normal Q-Q Plot of HeartDisease
for Cholesterol= 282.00
Expected Normal
0
1
Observed Value

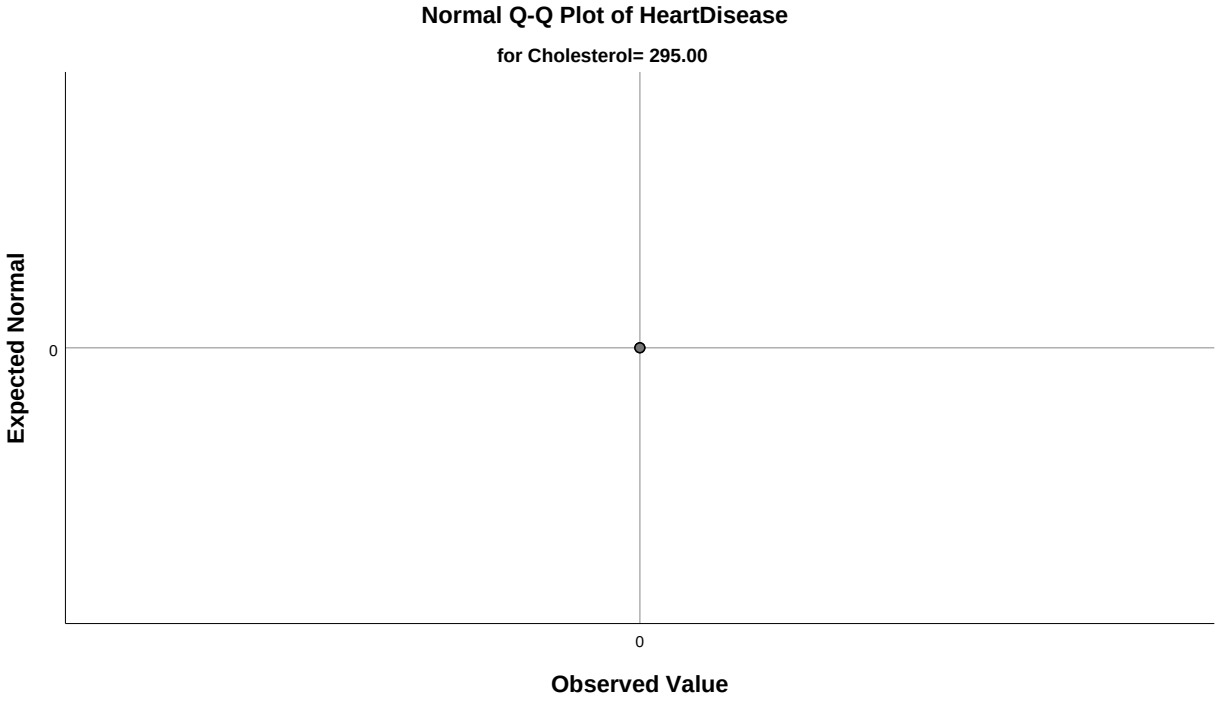

Normal Q-Q Plot of HeartDisease
for Cholesterol= 283.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

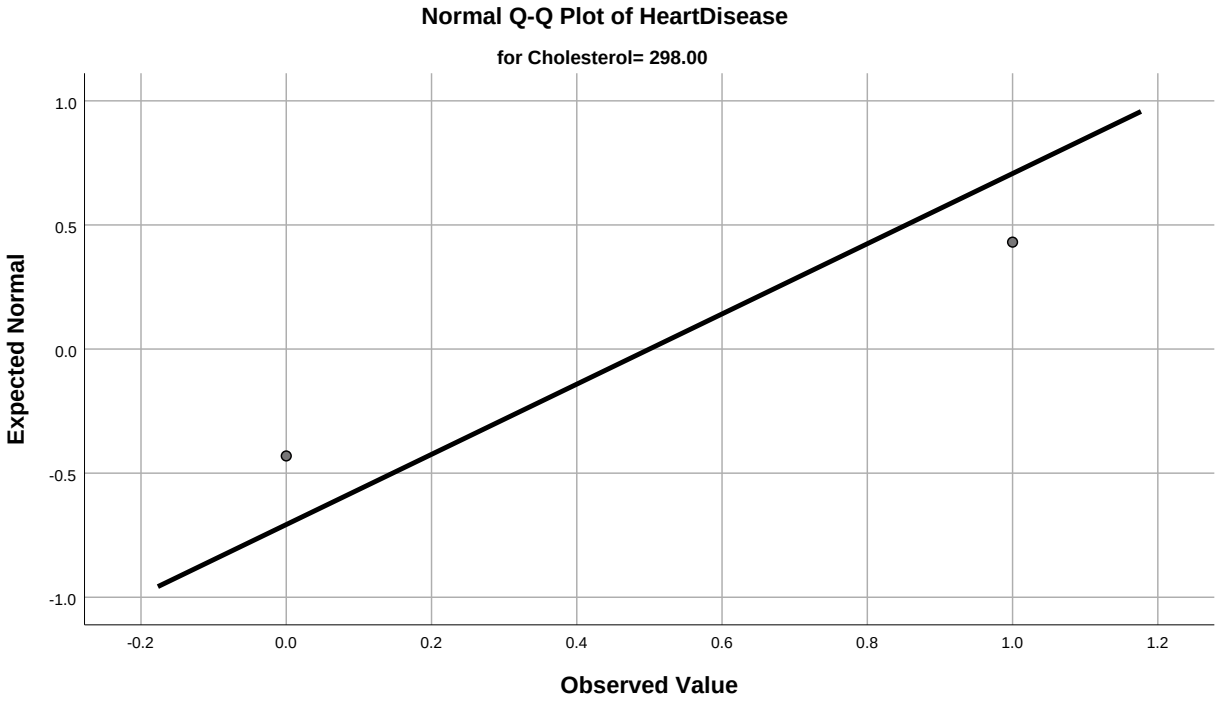

Normal Q-Q Plot of HeartDisease
for Cholesterol= 286.00
Expected Normal
0
1
Observed Value

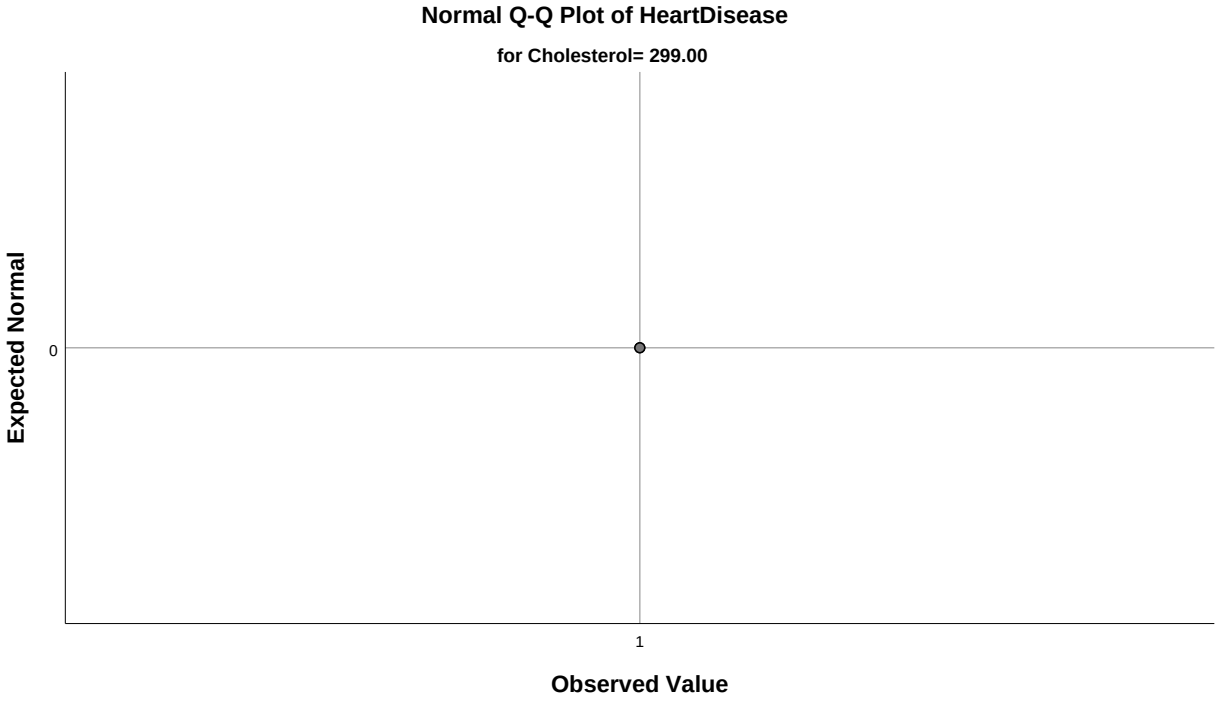

Normal Q-Q Plot of HeartDisease
for Cholesterol= 288.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

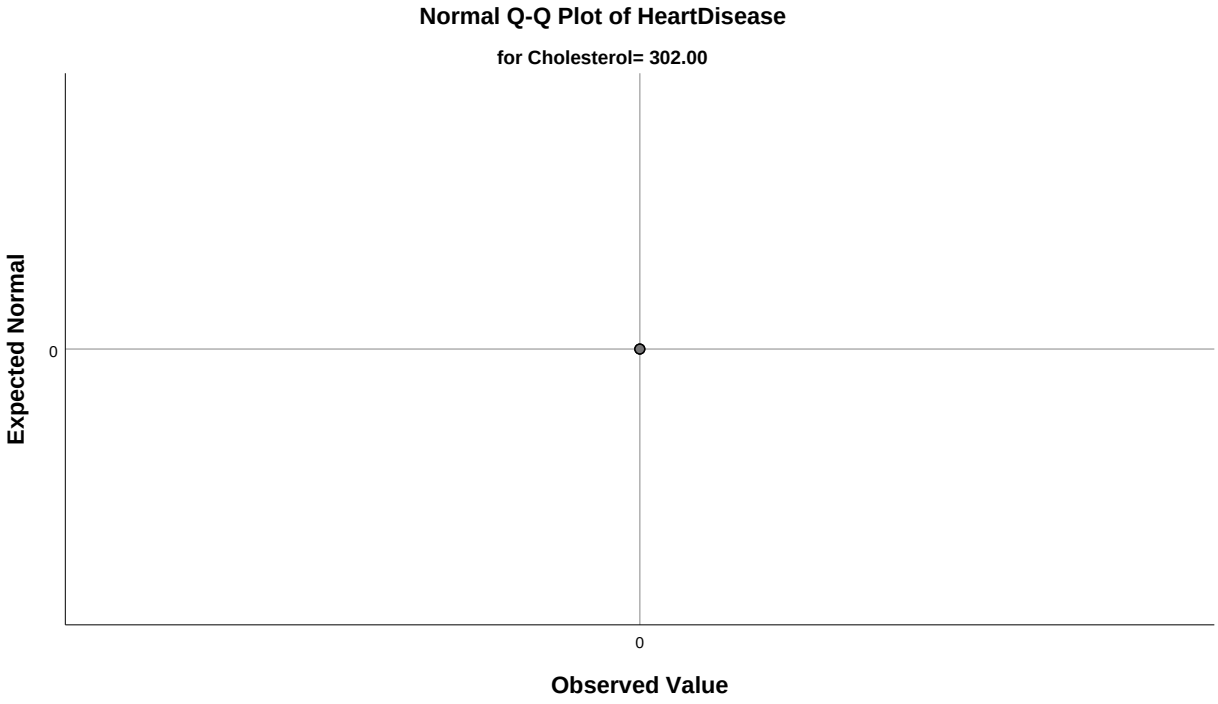

Normal Q-Q Plot of HeartDisease
for Cholesterol= 289.00
Expected Normal
0
1
Observed Value

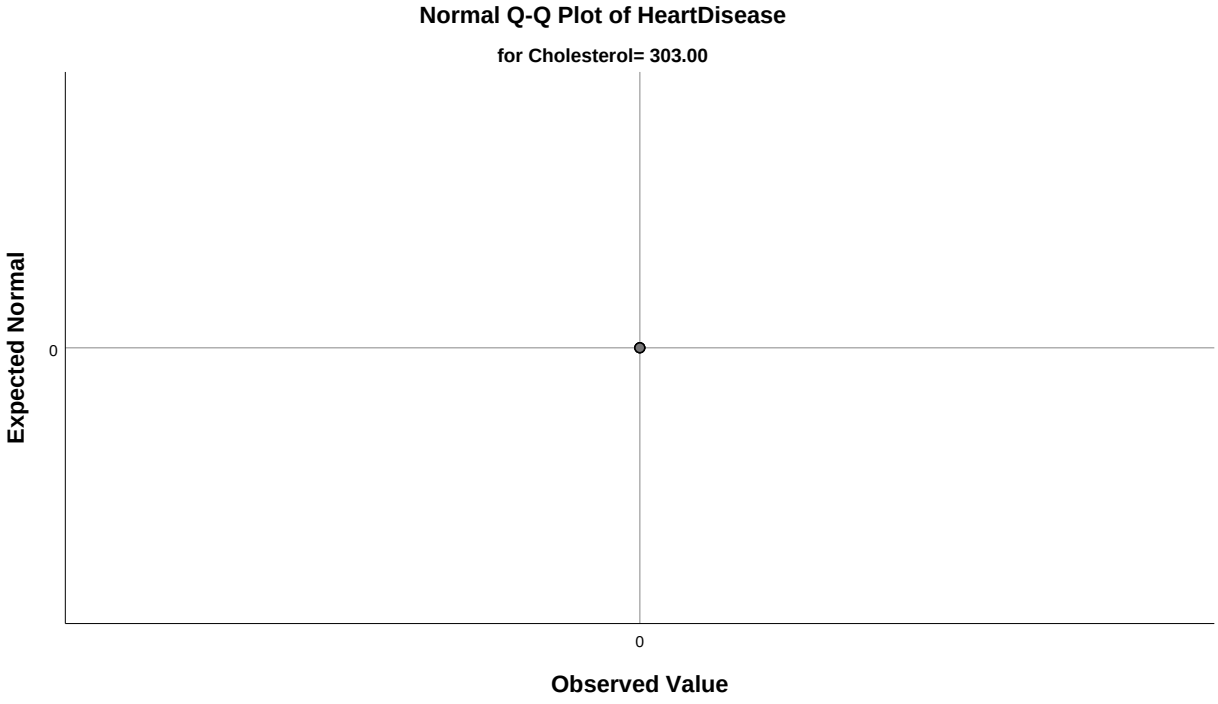

Normal Q-Q Plot of HeartDisease
for Cholesterol= 294.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

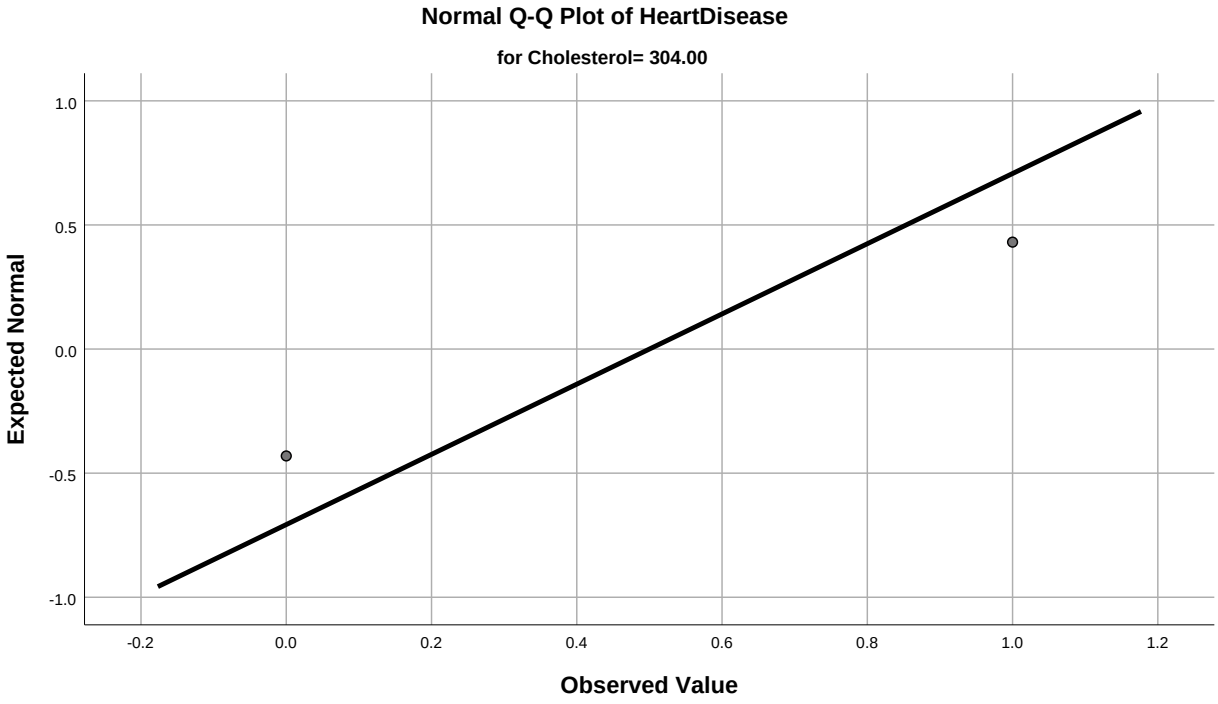

Normal Q-Q Plot of HeartDisease
for Cholesterol= 295.00
Expected Normal
0
0
Observed Value

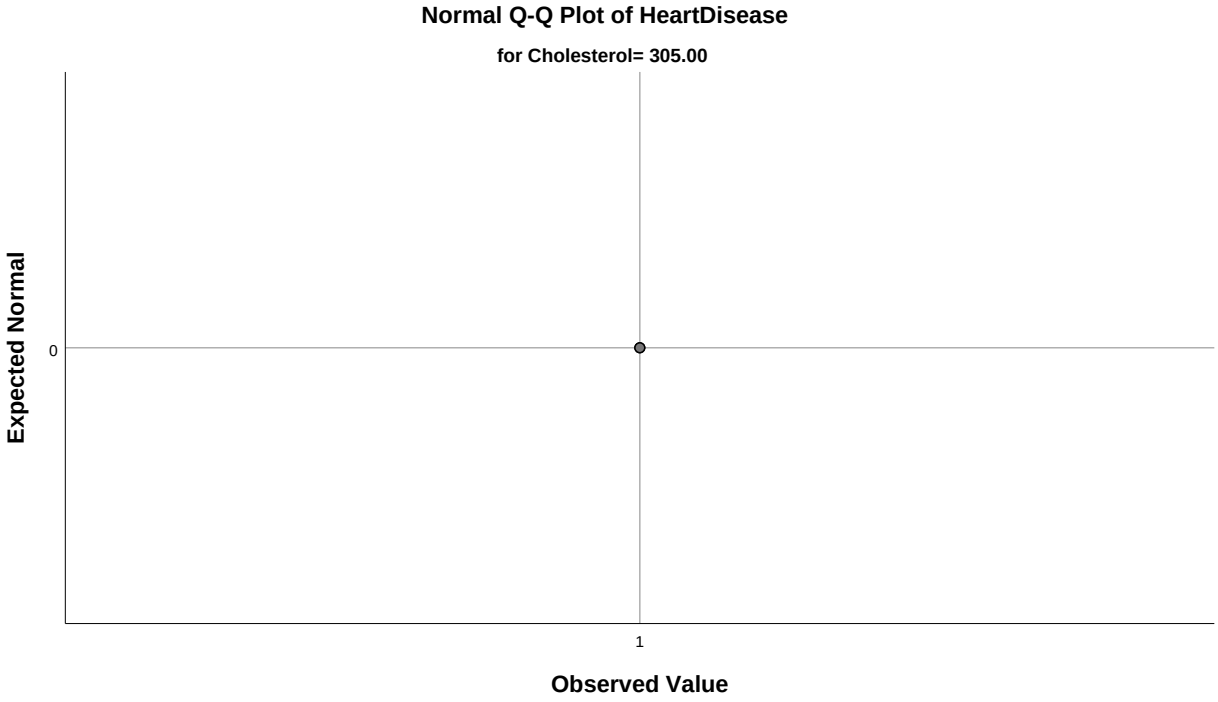

Normal Q-Q Plot of HeartDisease
for Cholesterol= 298.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

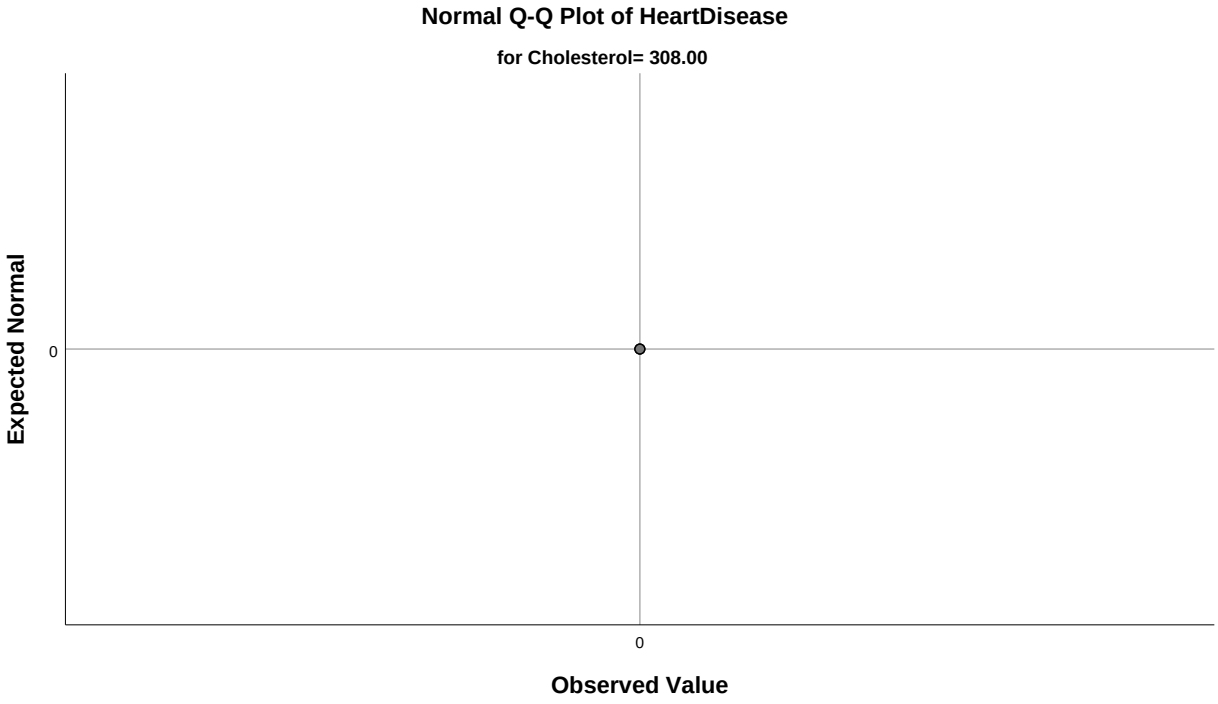

Normal Q-Q Plot of HeartDisease
for Cholesterol= 299.00
Expected Normal
0
1
Observed Value

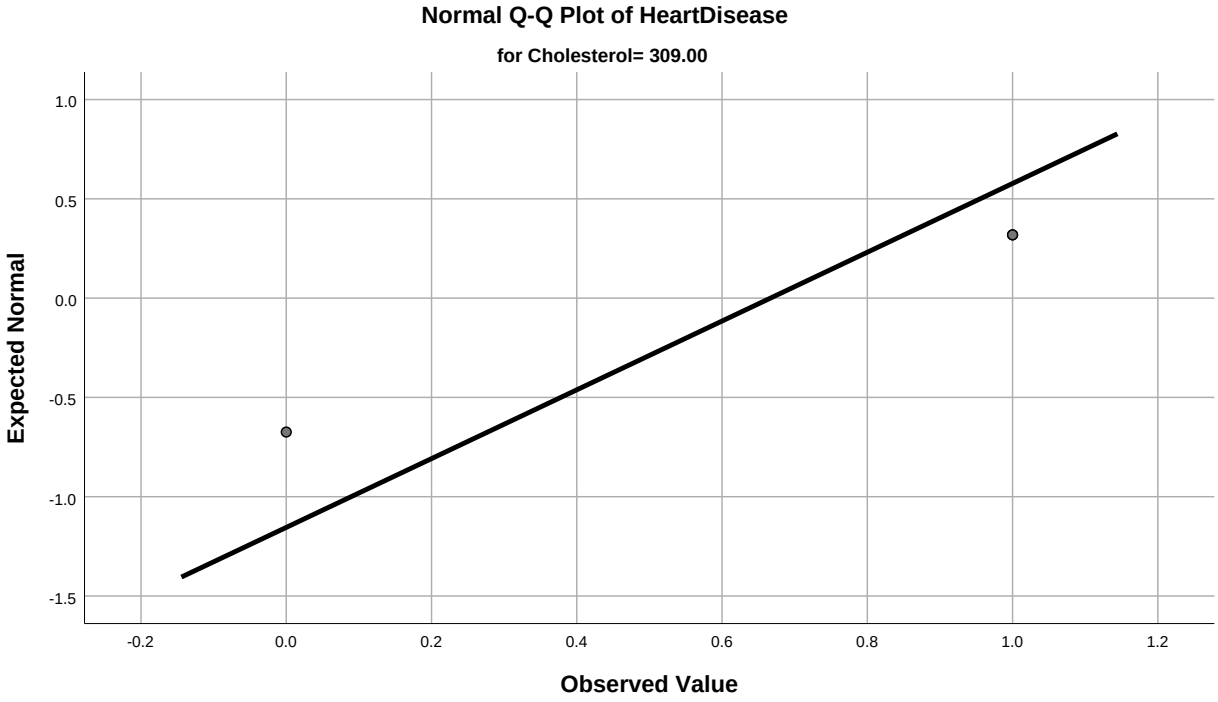

Normal Q-Q Plot of HeartDisease
for Cholesterol= 302.00
Expected Normal
0
0
Observed Value

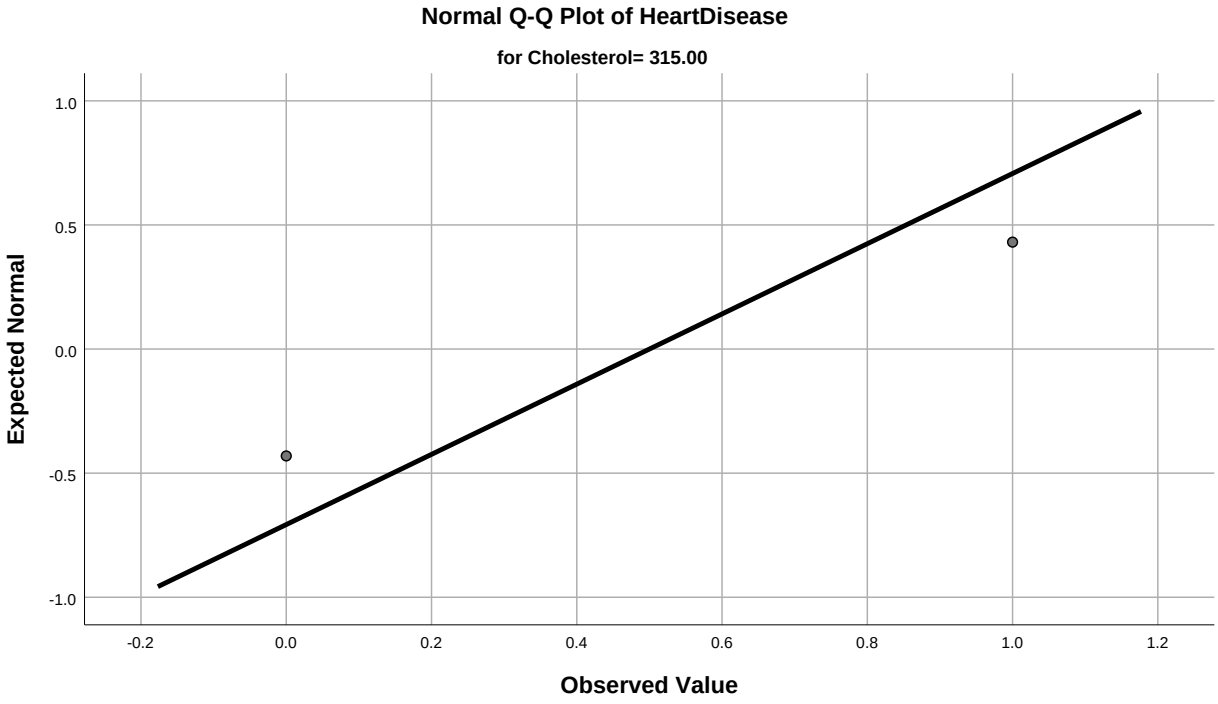

Normal Q-Q Plot of HeartDisease
for Cholesterol= 303.00
Expected Normal
0
0
Observed Value

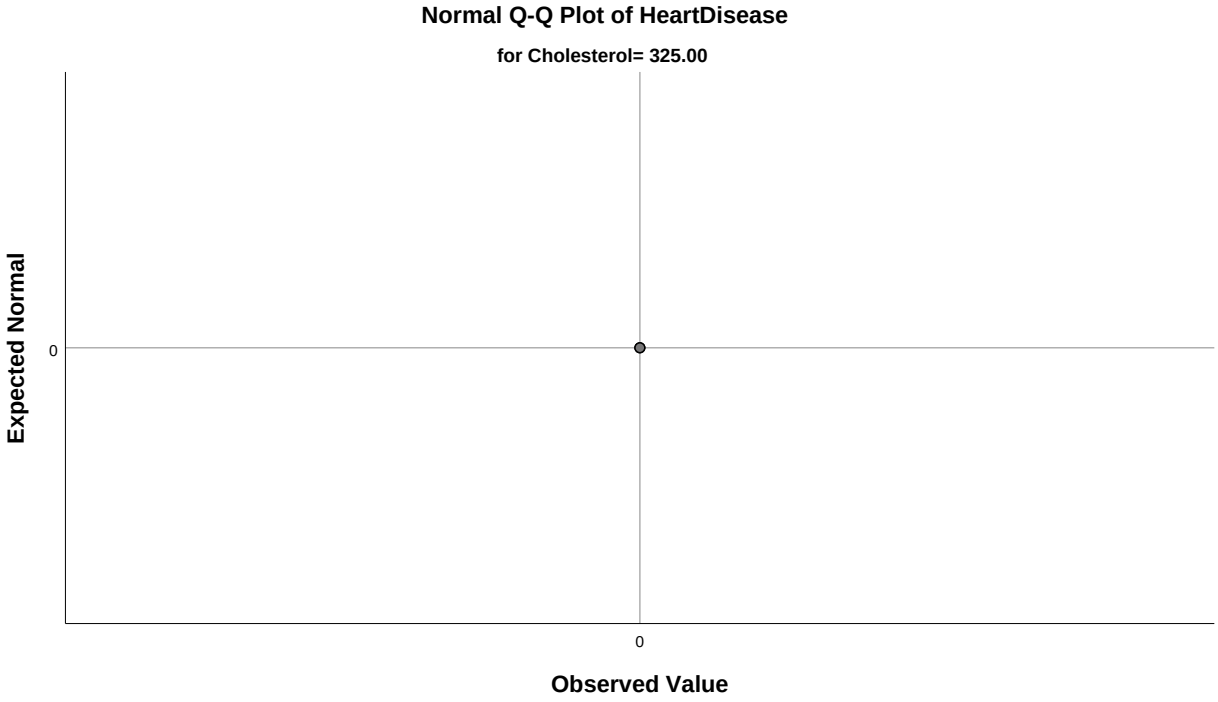

Normal Q-Q Plot of HeartDisease
for Cholesterol= 304.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

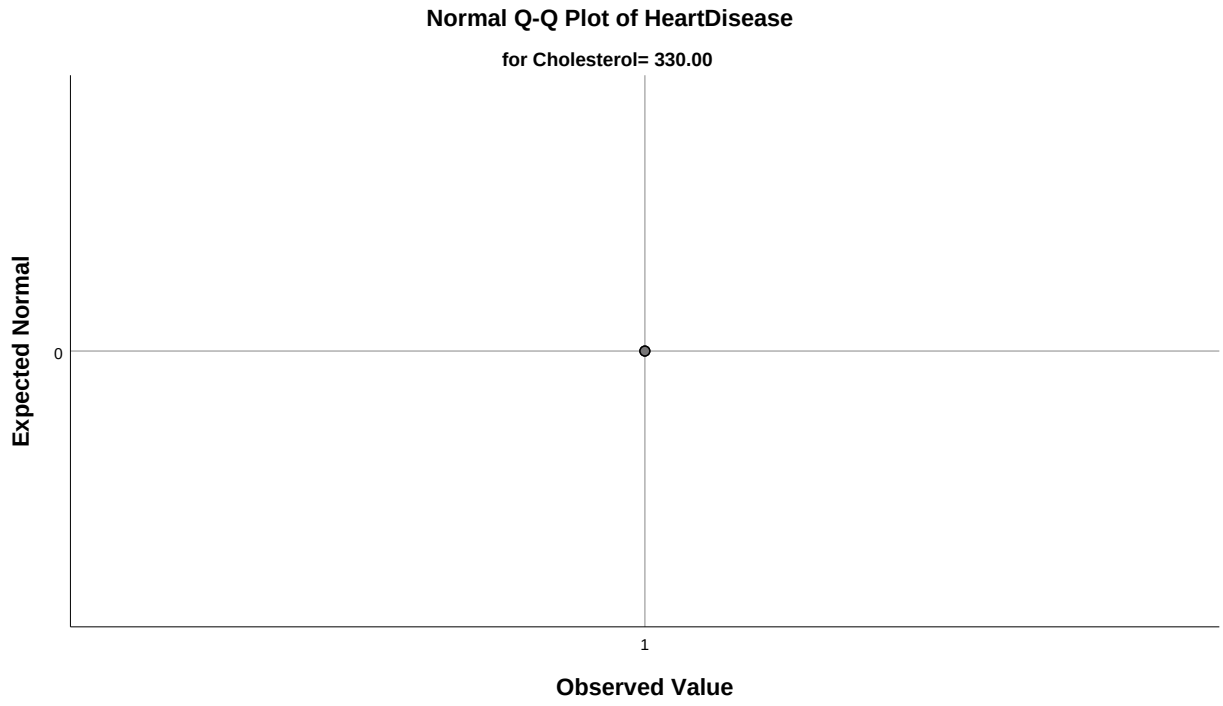

Normal Q-Q Plot of HeartDisease
for Cholesterol= 305.00
Expected Normal
0
1
Observed Value


Normal Q-Q Plot of HeartDisease
for Cholesterol= 308.00
Expected Normal
0
0
Observed Value

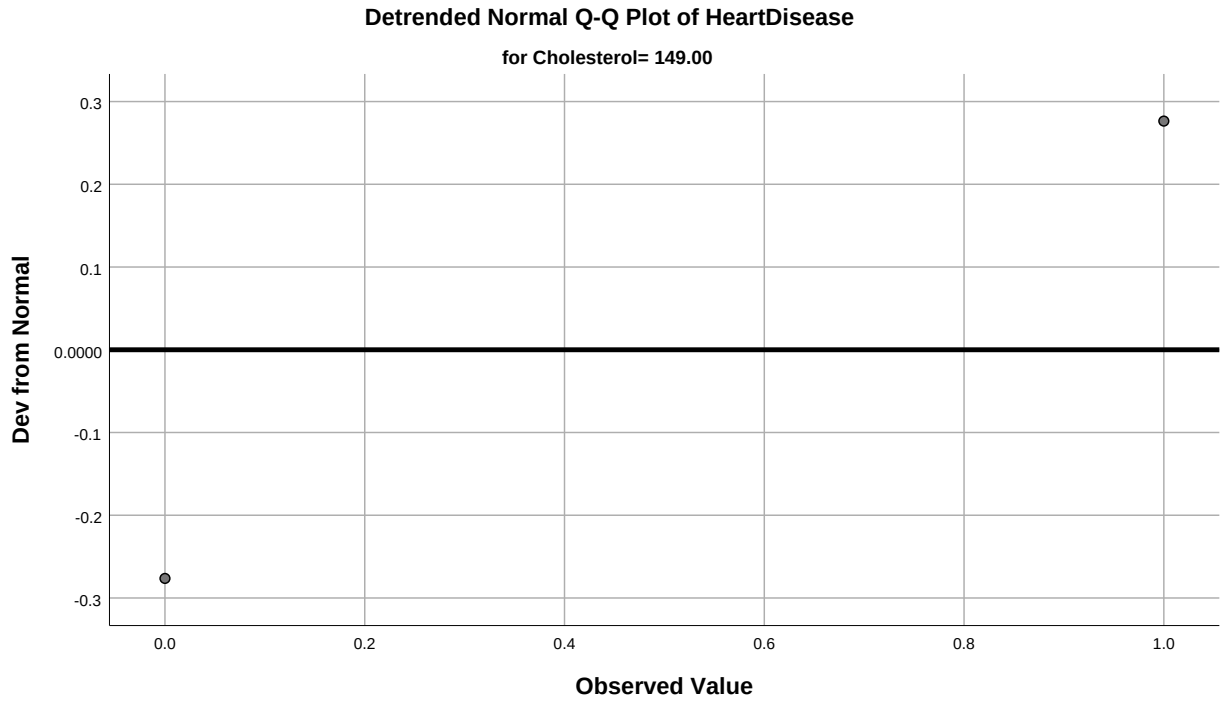

Normal Q-Q Plot of HeartDisease
for Cholesterol= 309.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

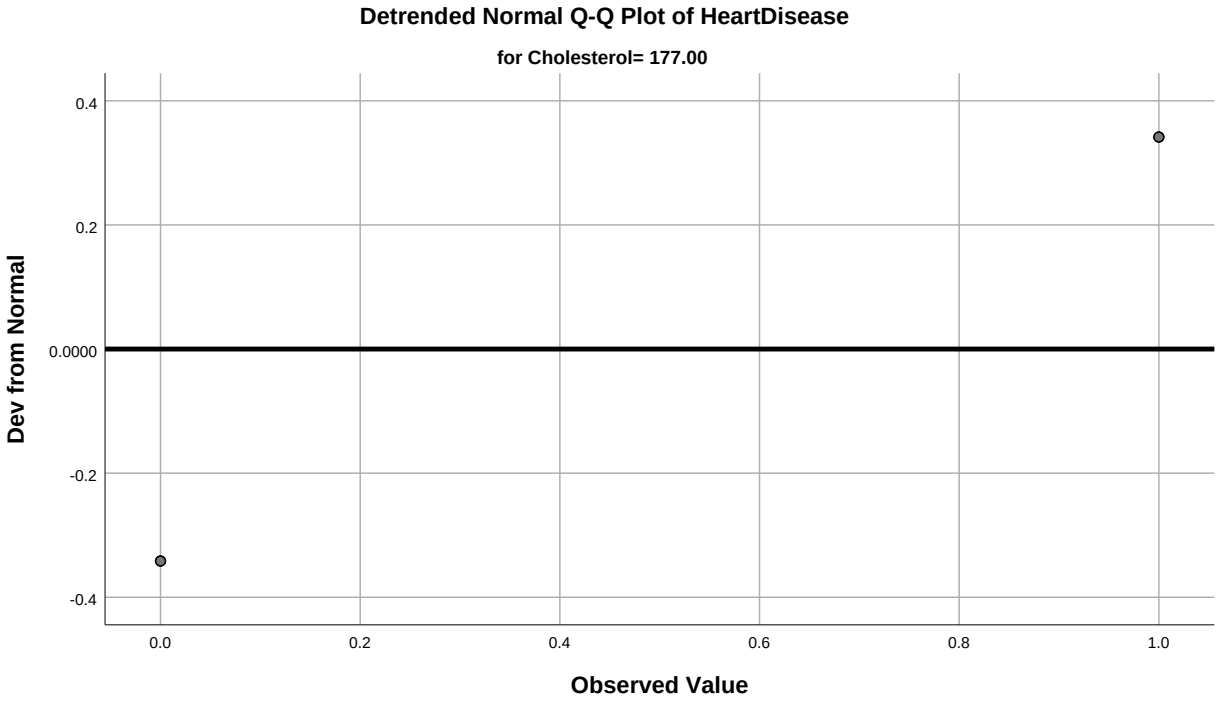

Normal Q-Q Plot of HeartDisease
for Cholesterol= 315.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

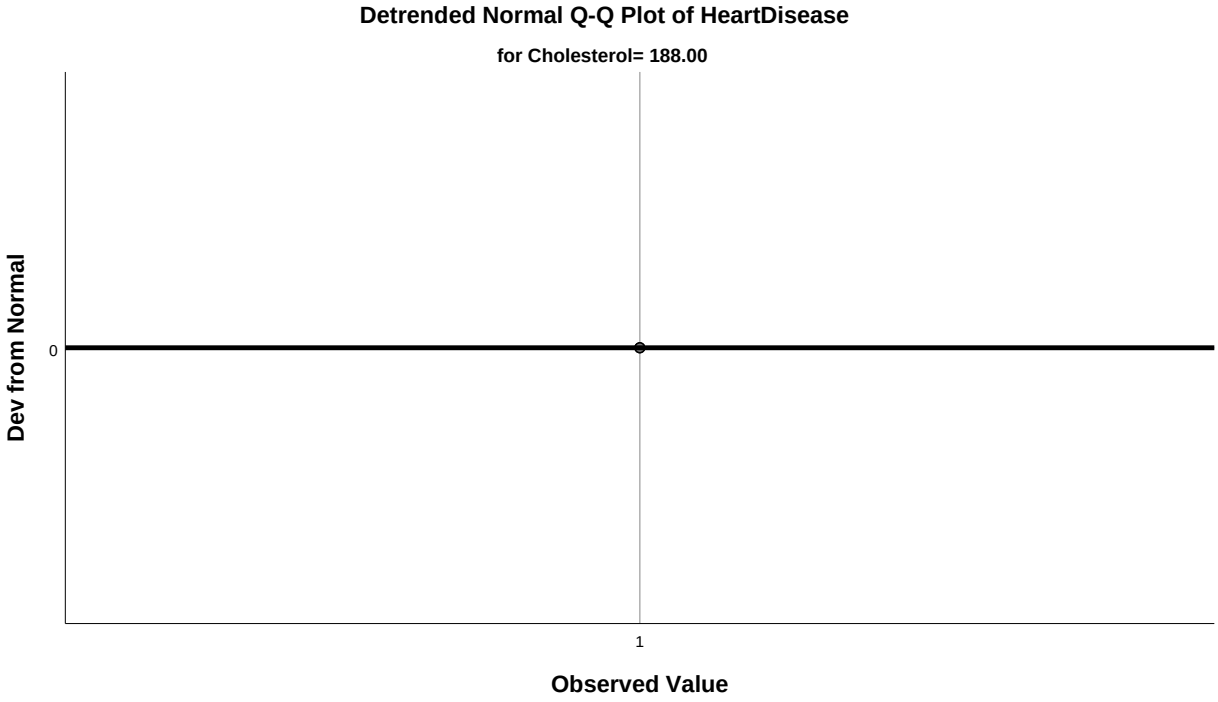

Normal Q-Q Plot of HeartDisease
for Cholesterol= 325.00
Expected Normal
0
0
Observed Value

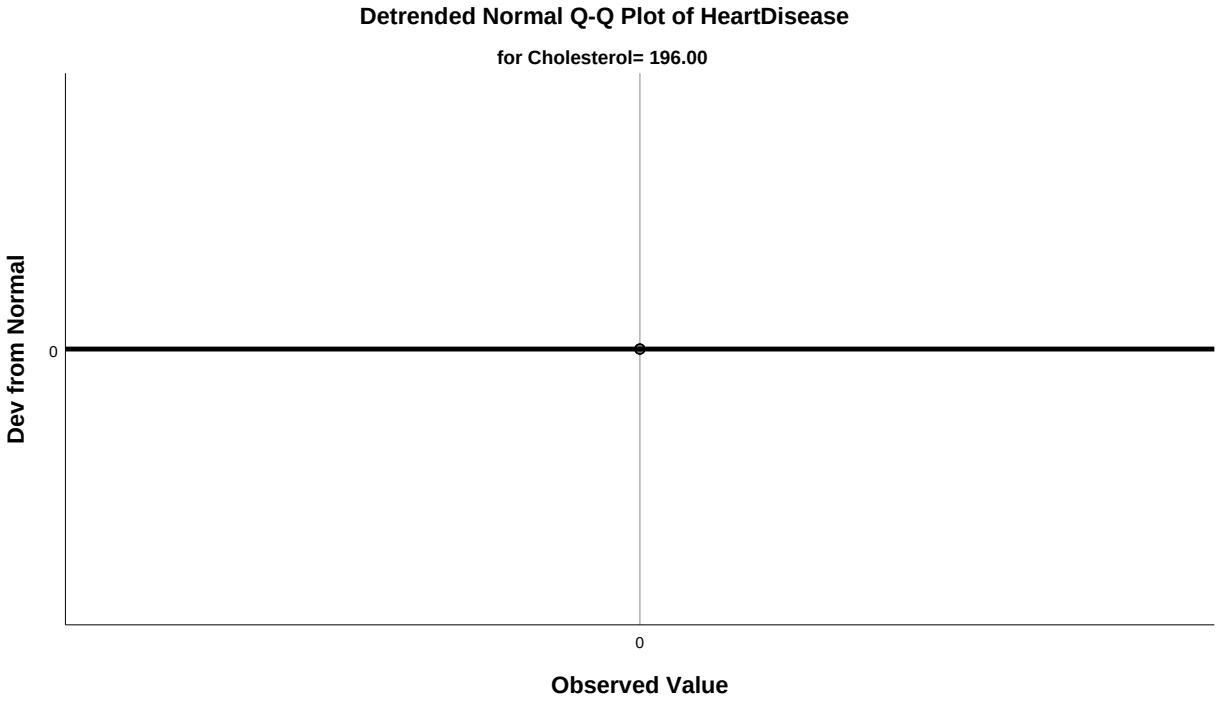


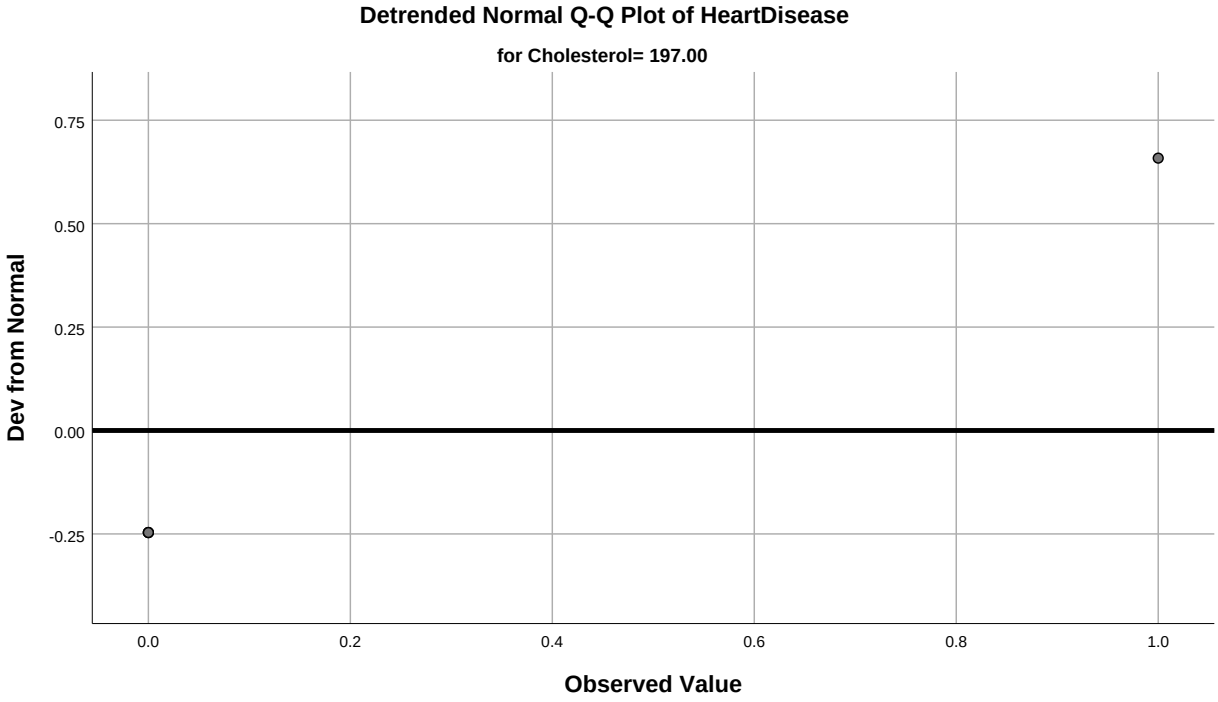
Detrended Normal Q-Q Plots

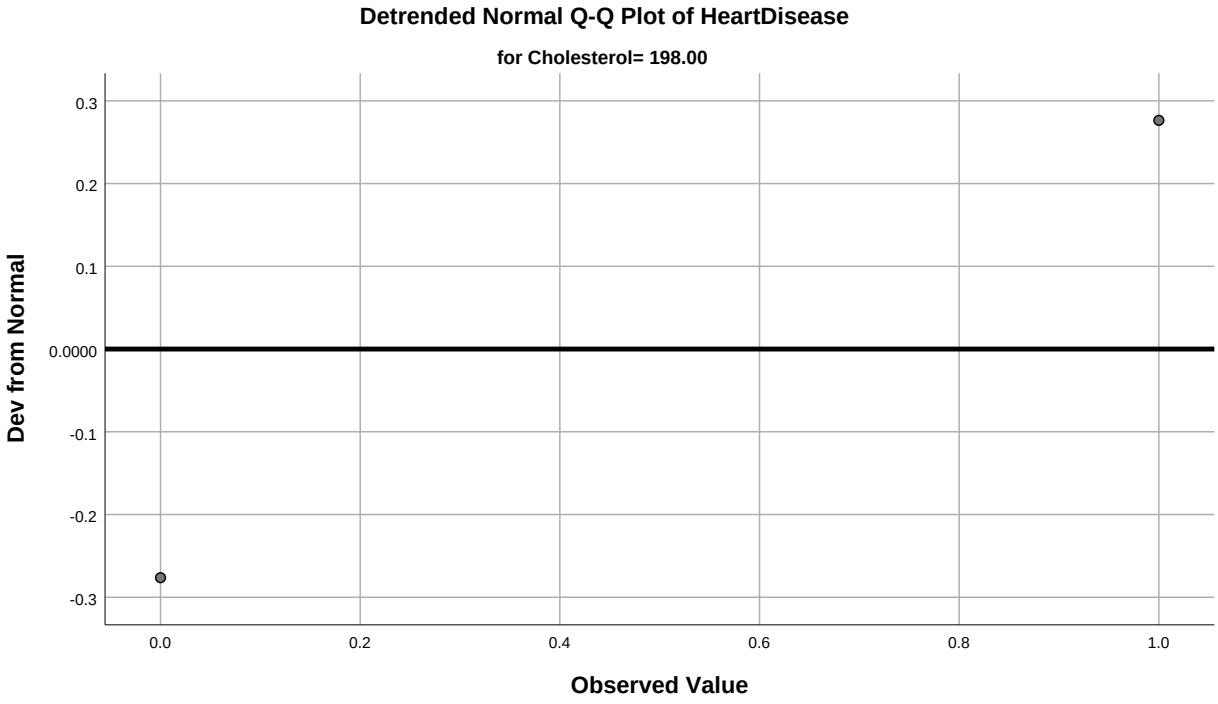


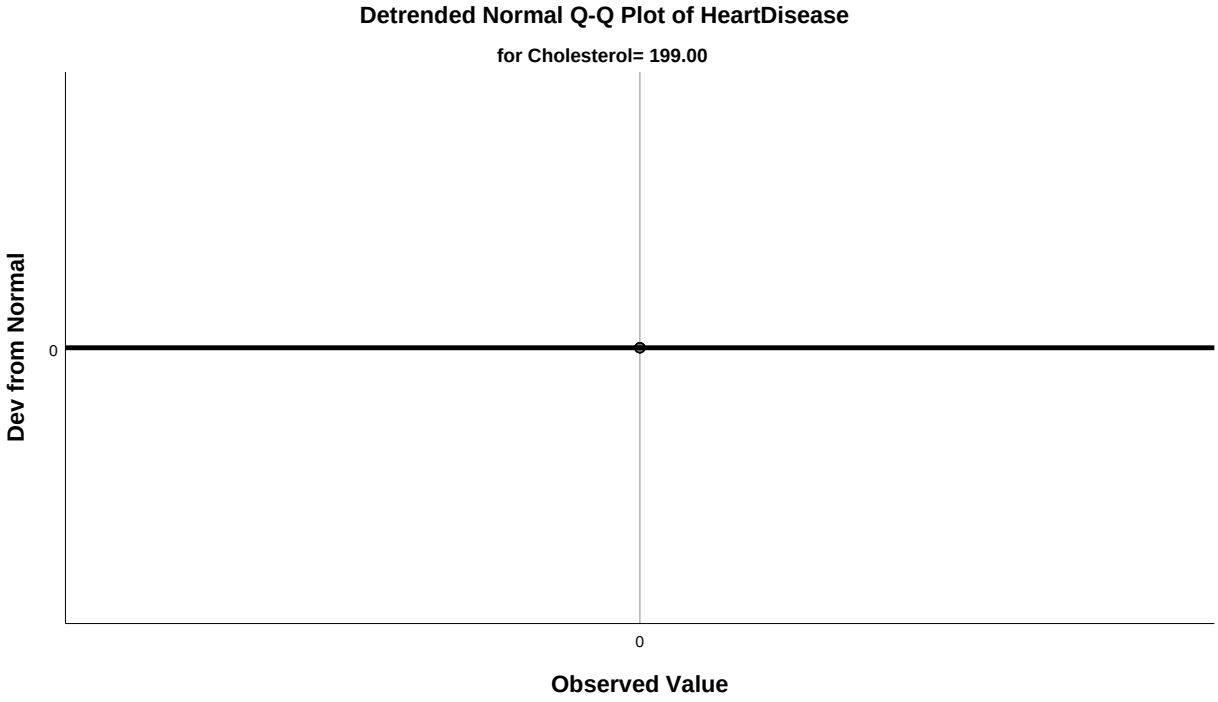

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 177.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

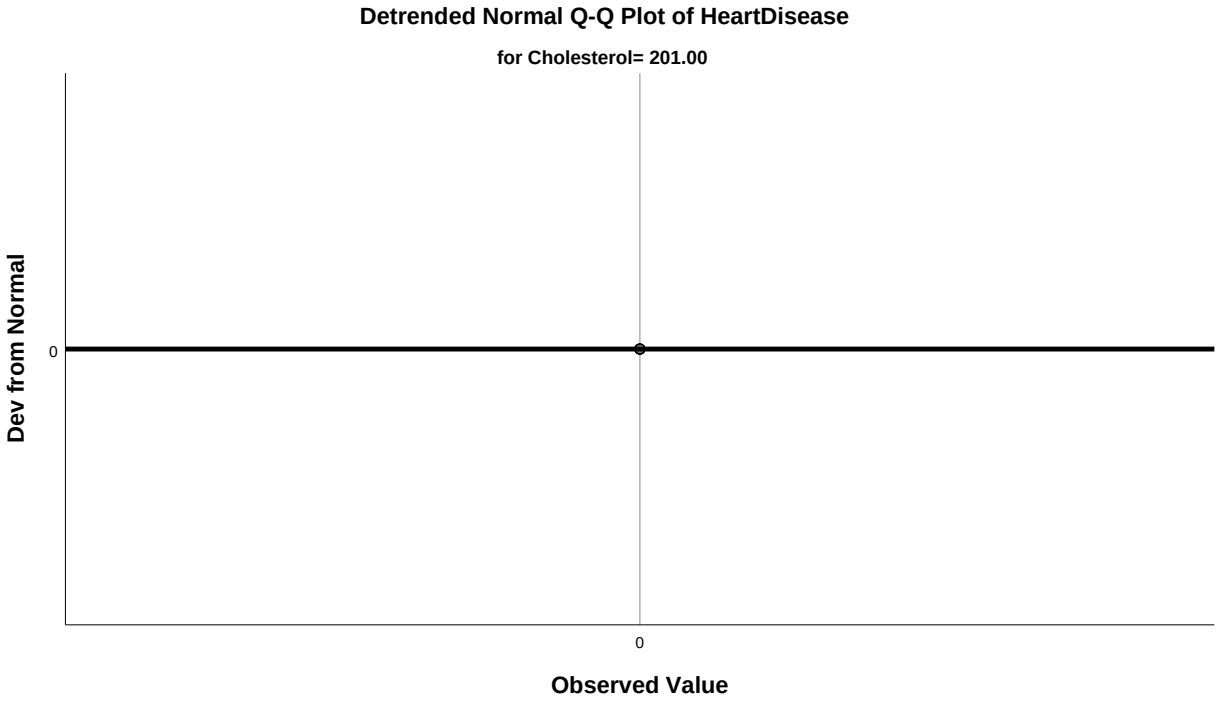

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 188.00
Dev from Normal
0
1
Observed Value

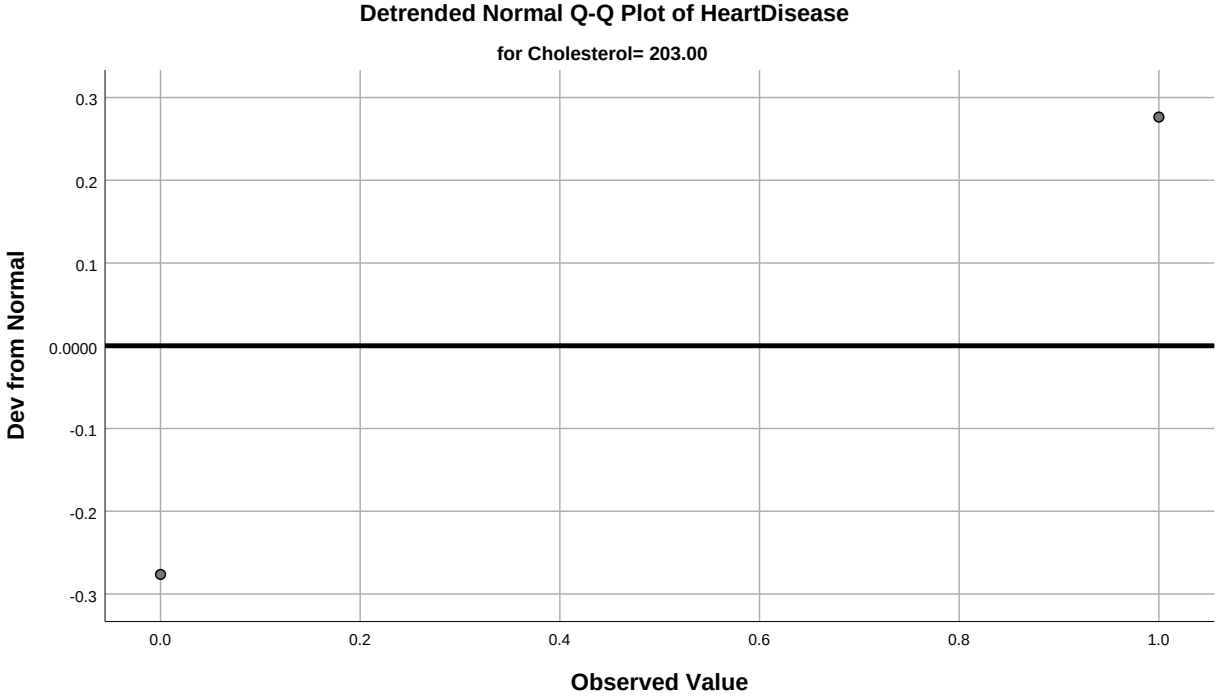

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 196.00
Dev from Normal
0
0
Observed Value

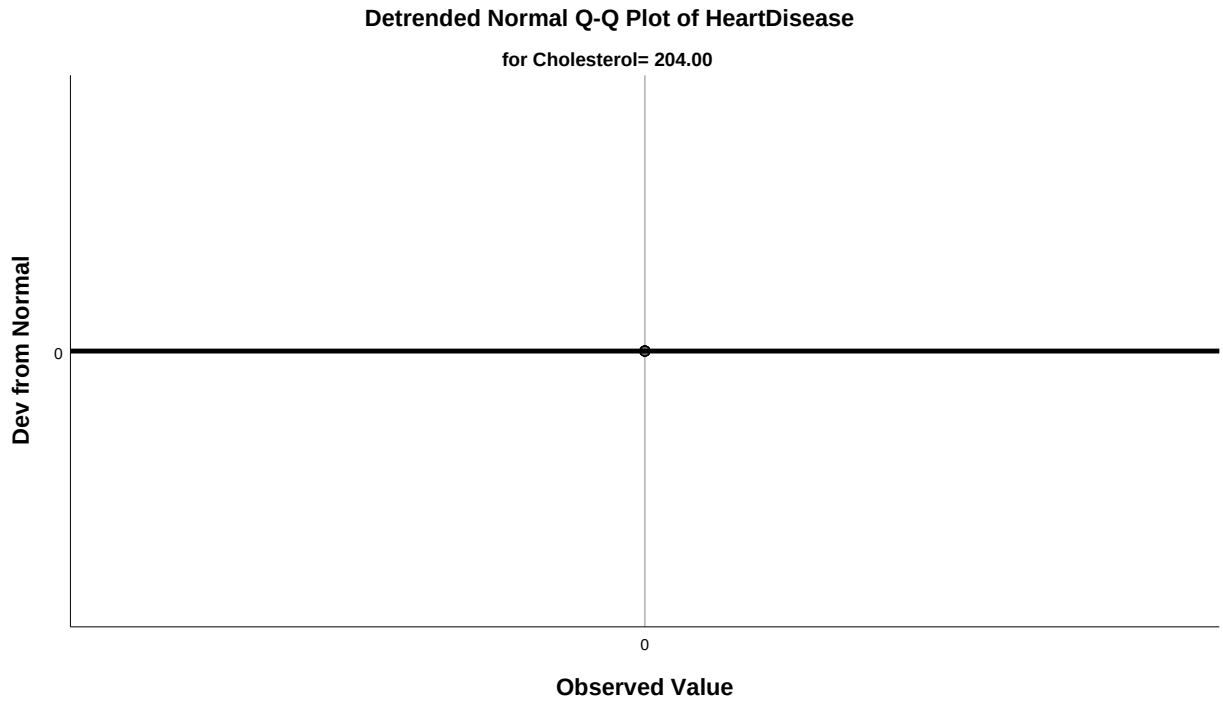

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 197.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

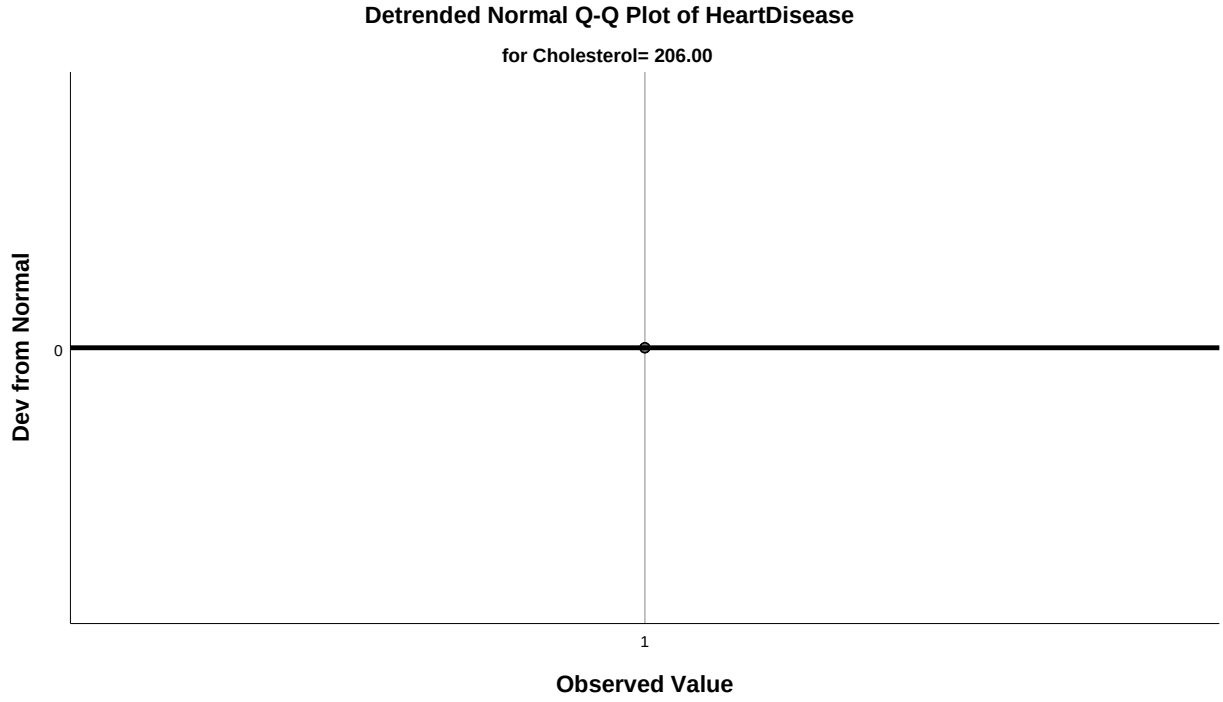

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 198.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

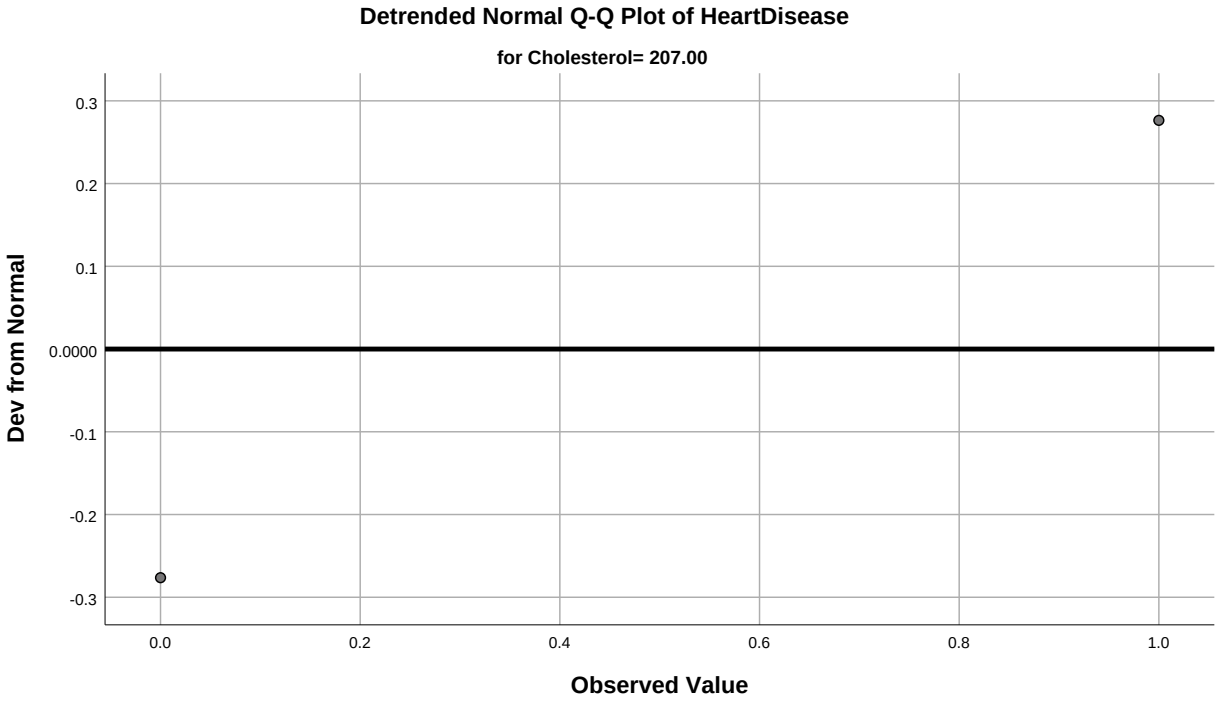

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 199.00
Dev from Normal
0
0
Observed Value

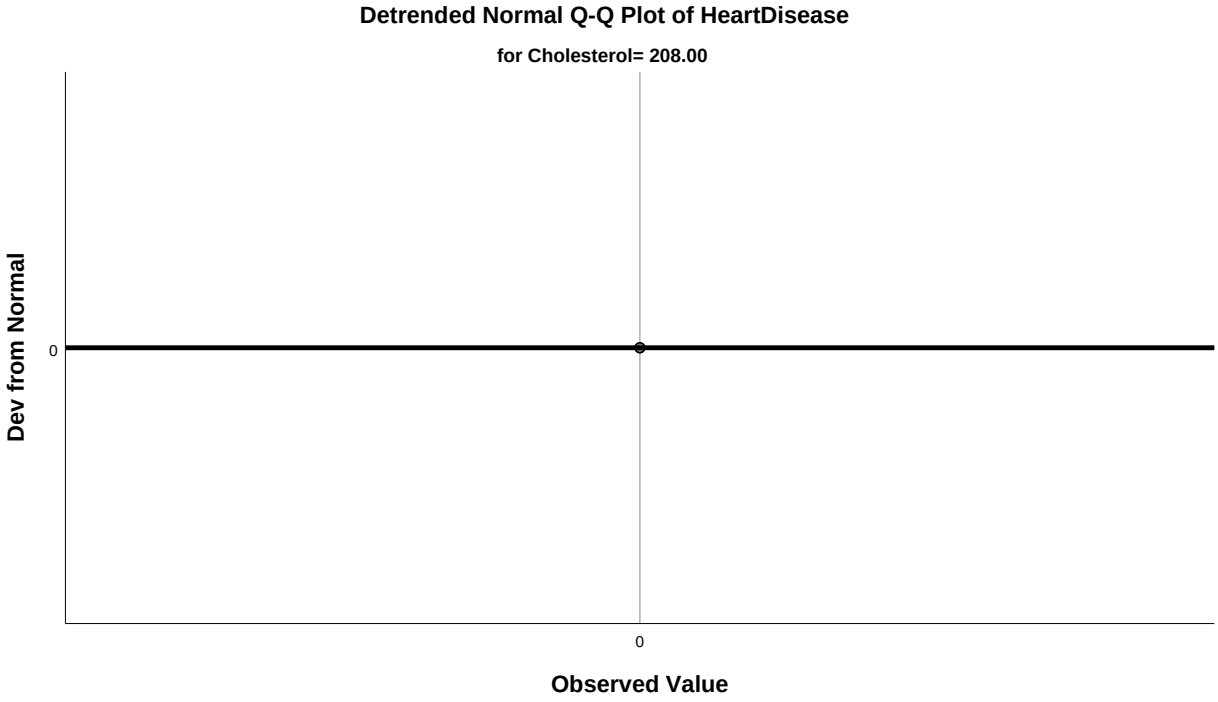

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 201.00
Dev from Normal
0
0
Observed Value

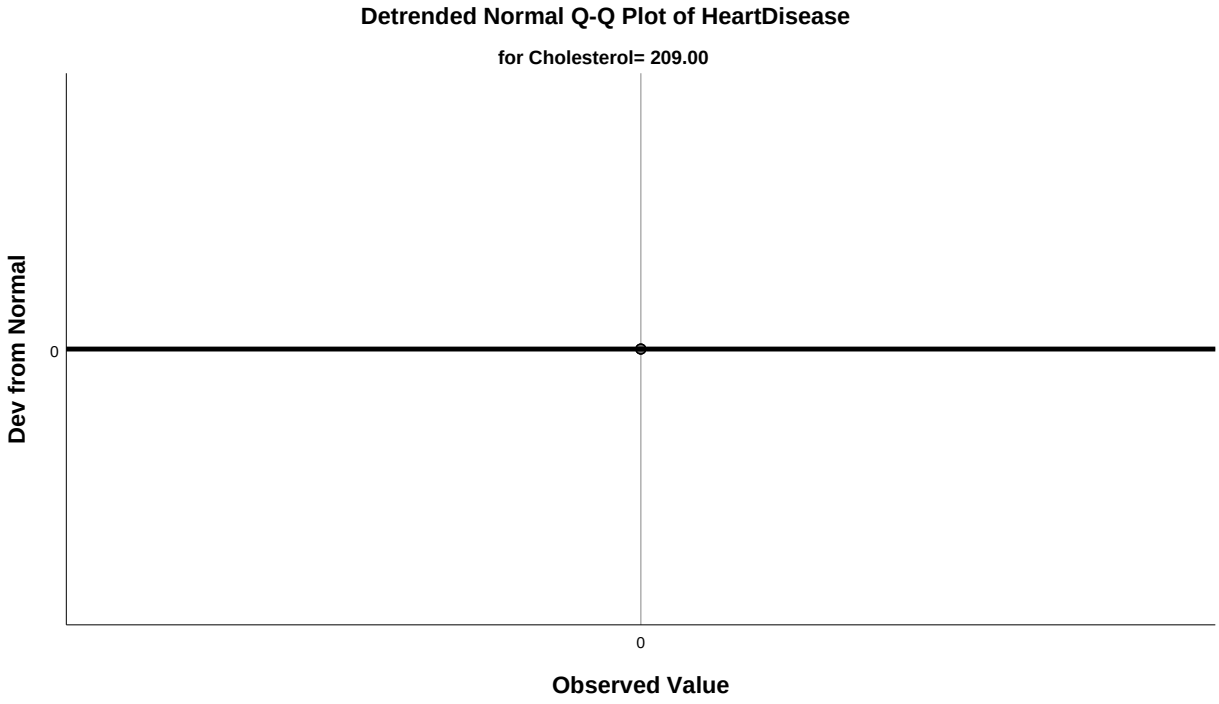

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 203.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

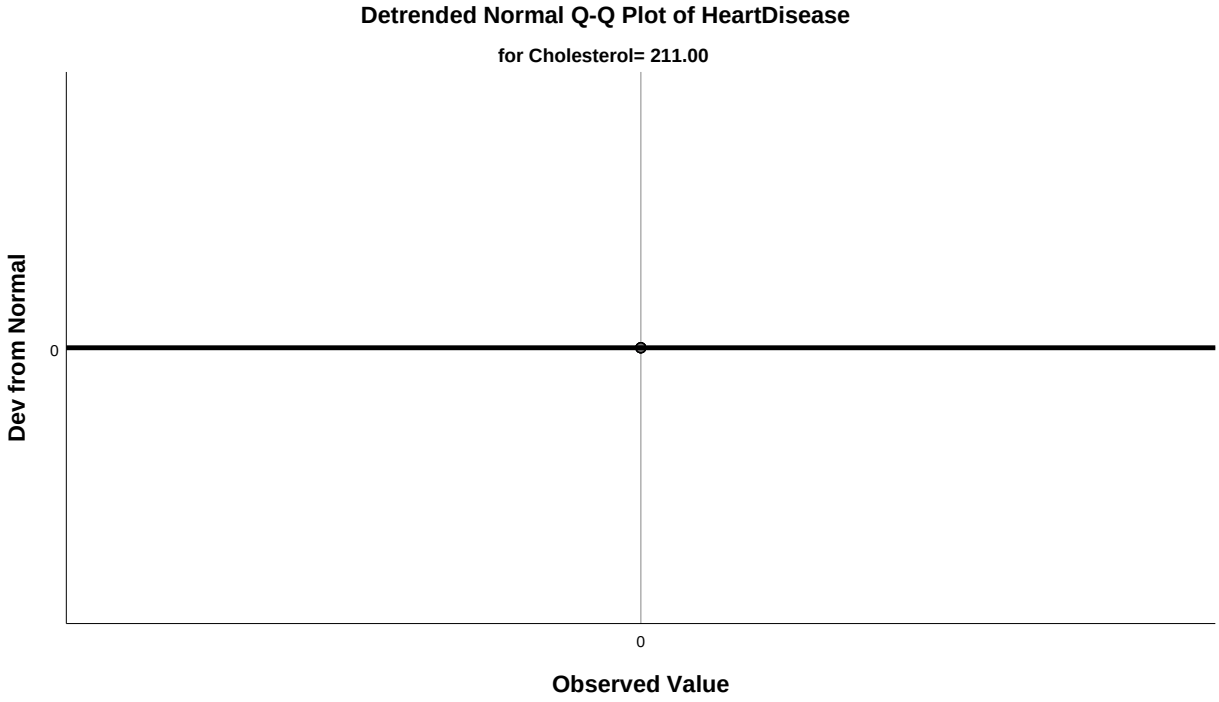

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 204.00
Dev from Normal
0
0
Observed Value

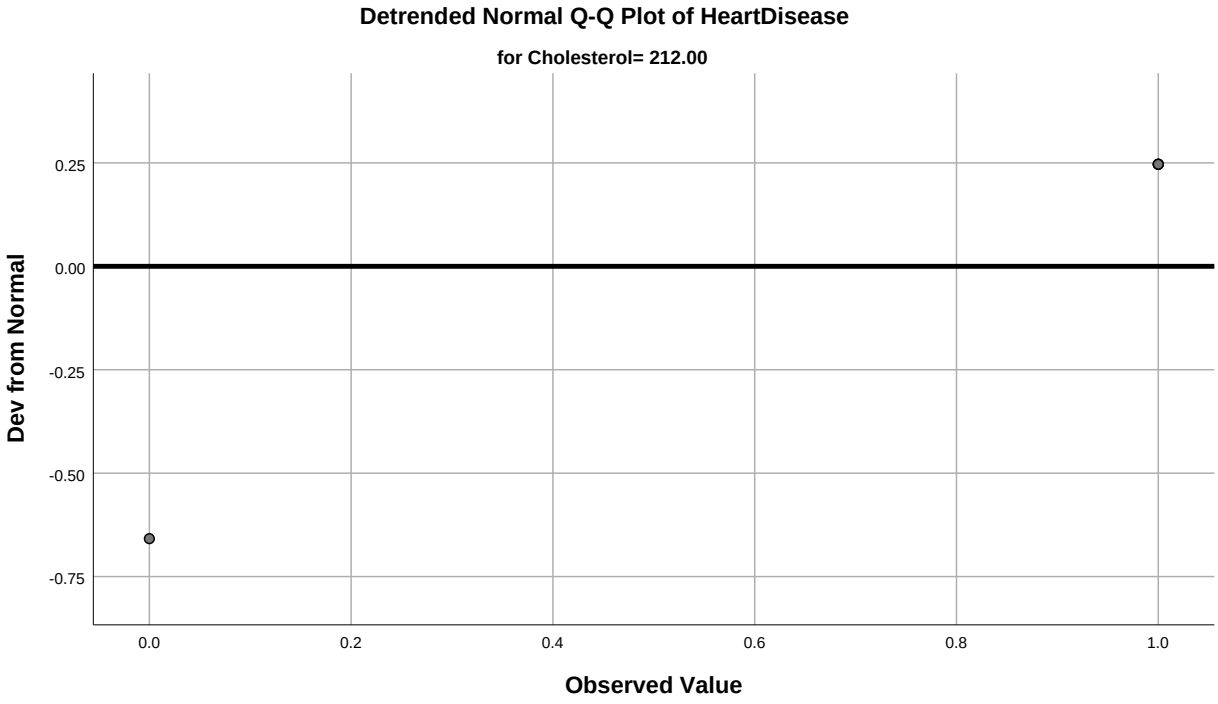

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 206.00
Dev from Normal
0
1
Observed Value

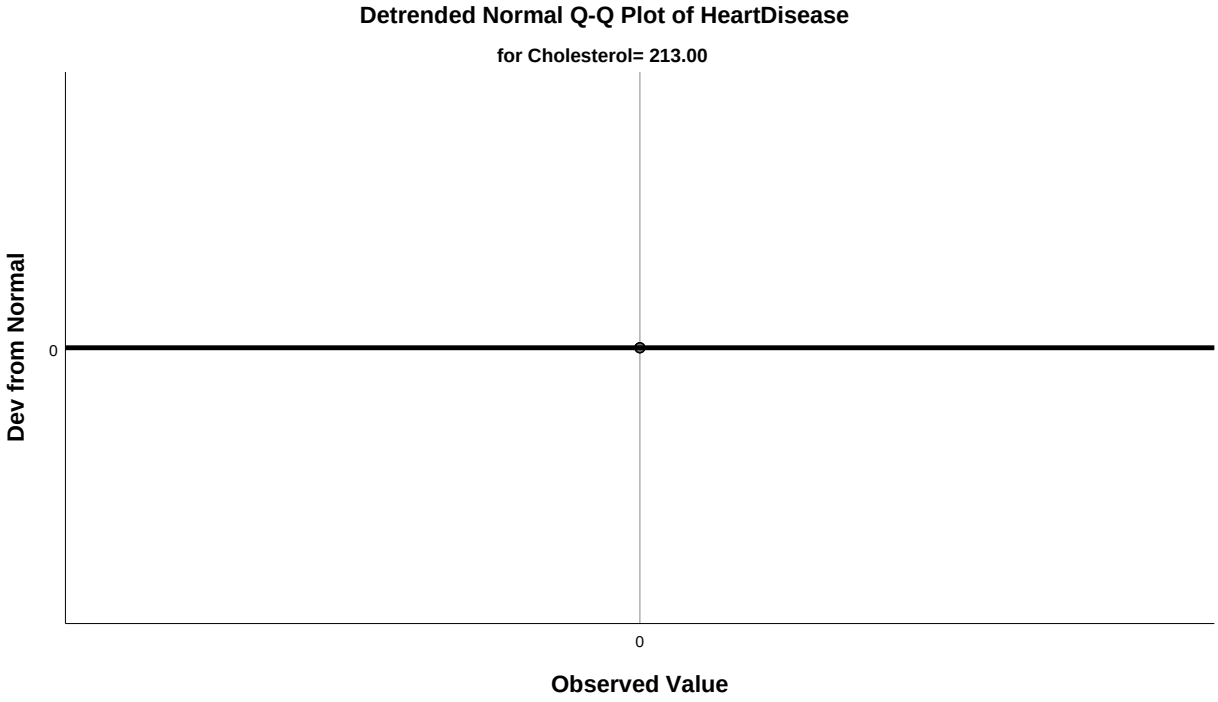

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 207.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

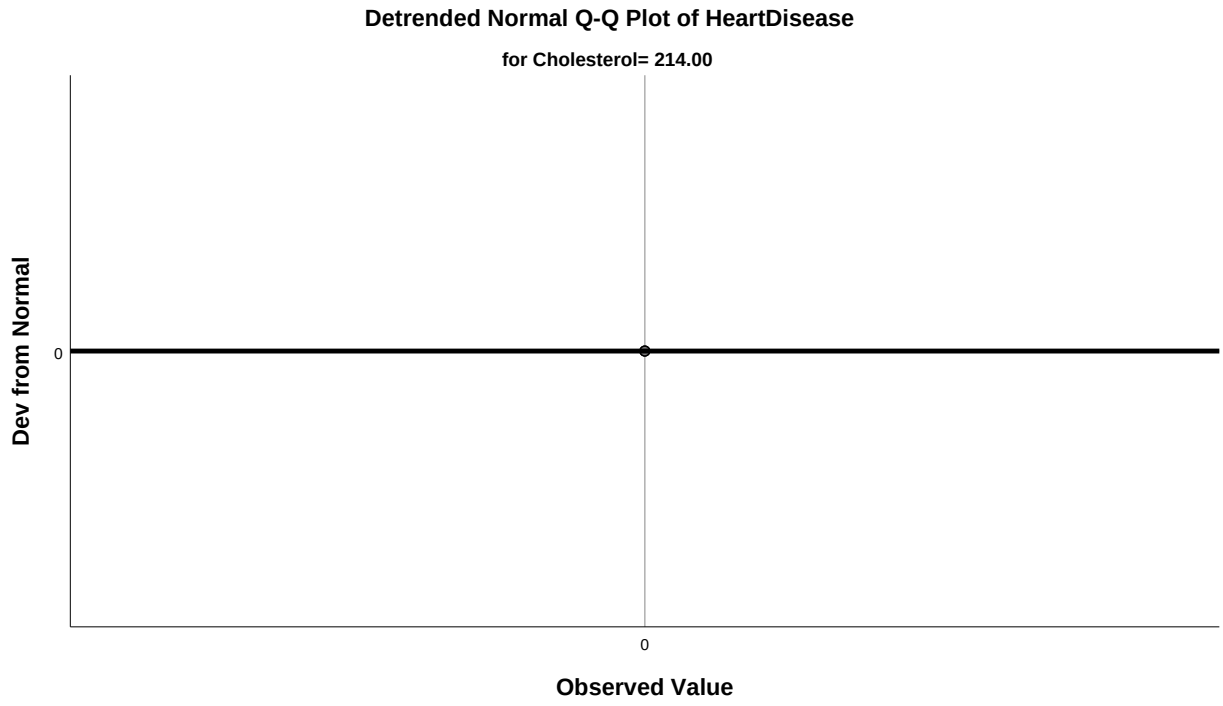

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 208.00
Dev from Normal
0
0
Observed Value

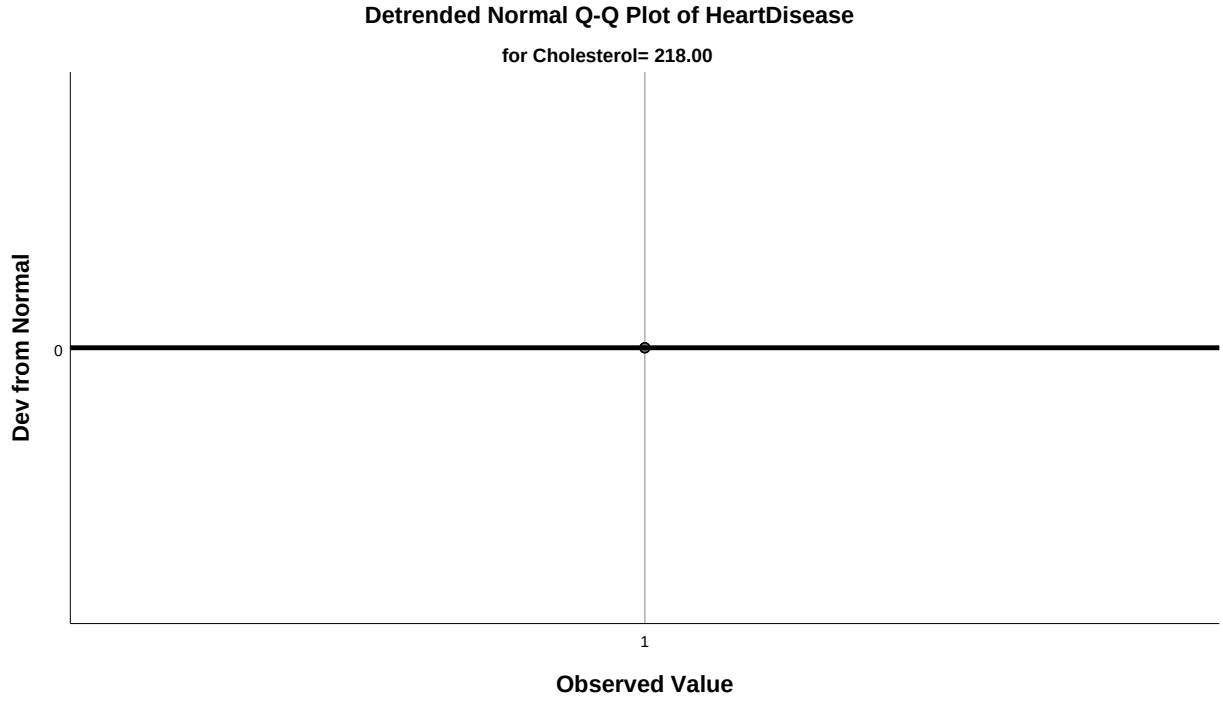

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 209.00
Dev from Normal
0
0
Observed Value

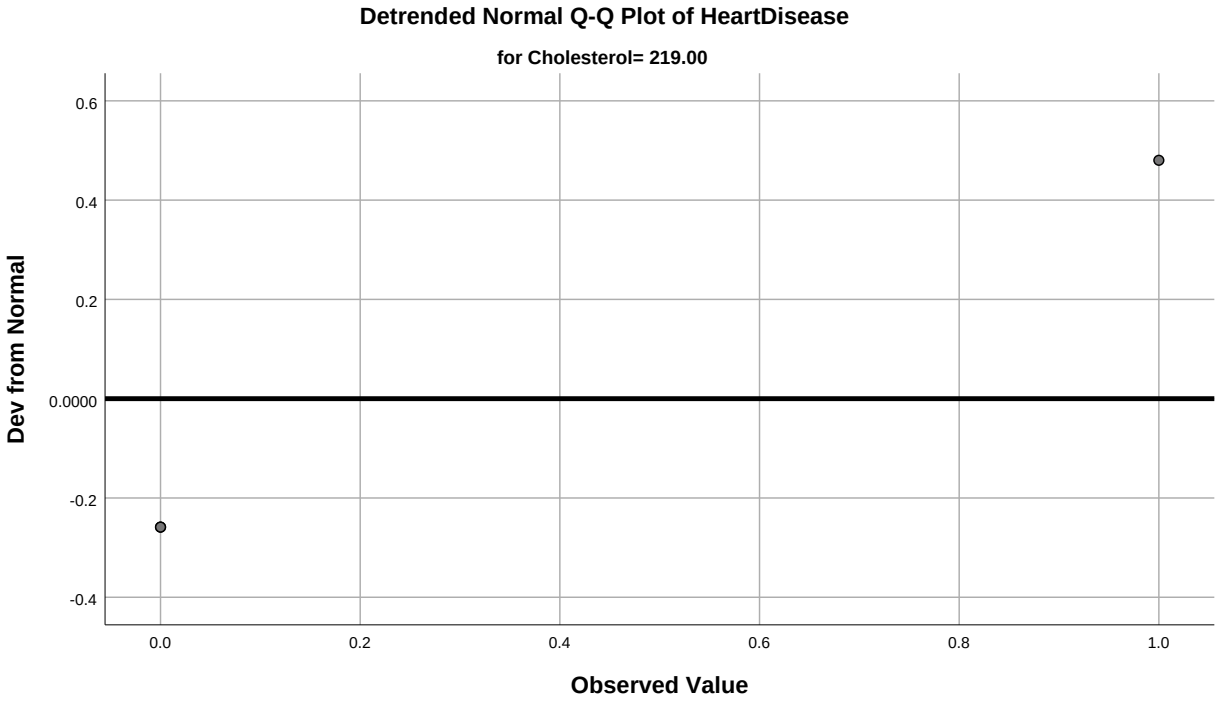

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 211.00
Dev from Normal
0
0
Observed Value

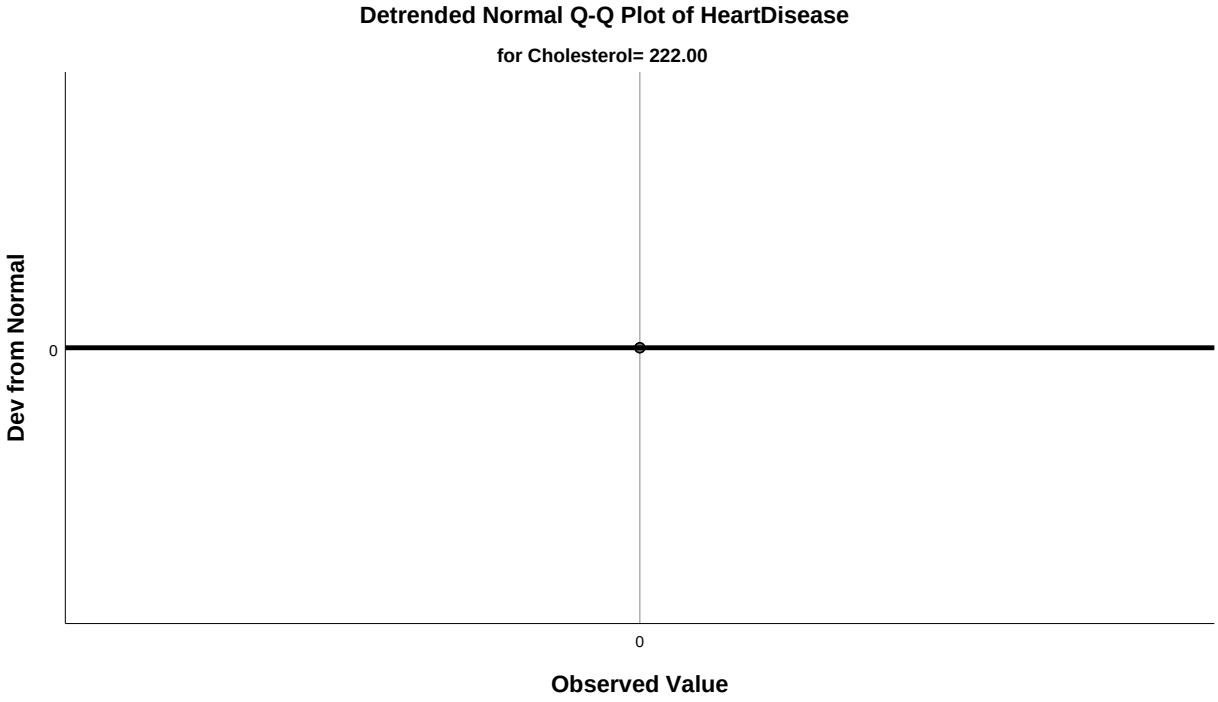

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 212.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

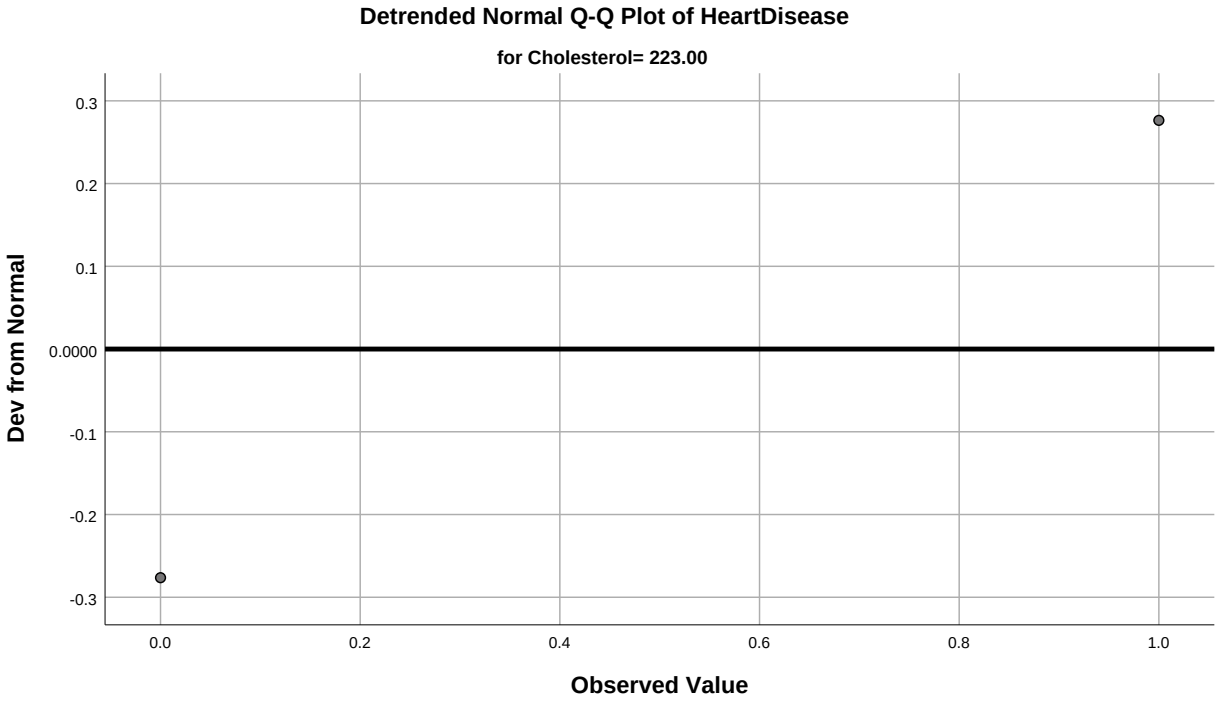

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 213.00
Dev from Normal
0
0
Observed Value

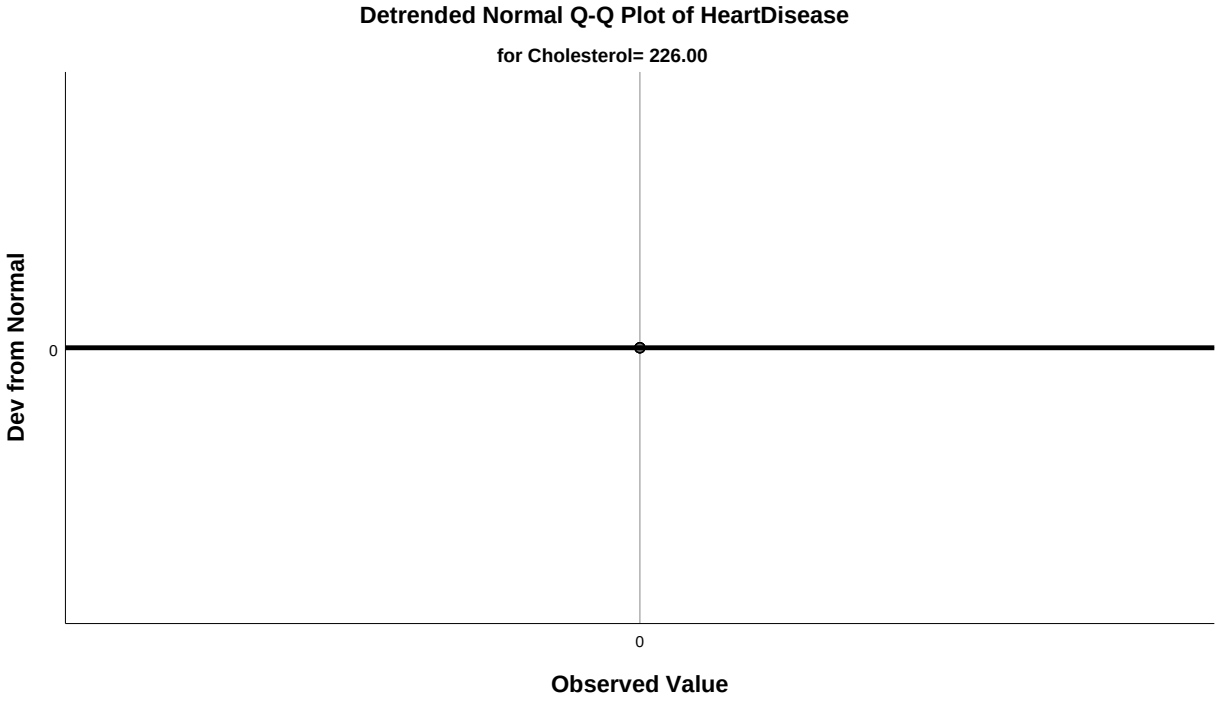

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 214.00
Dev from Normal
0
0
Observed Value

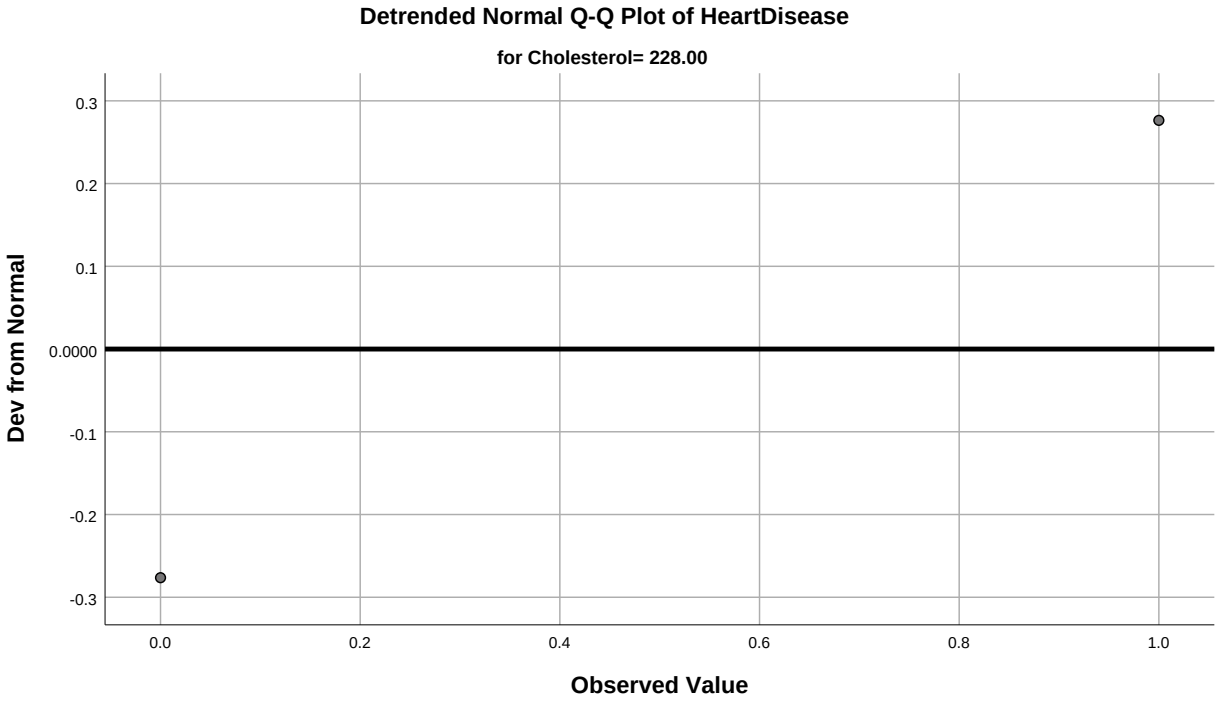

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 218.00
Dev from Normal
0
1
Observed Value

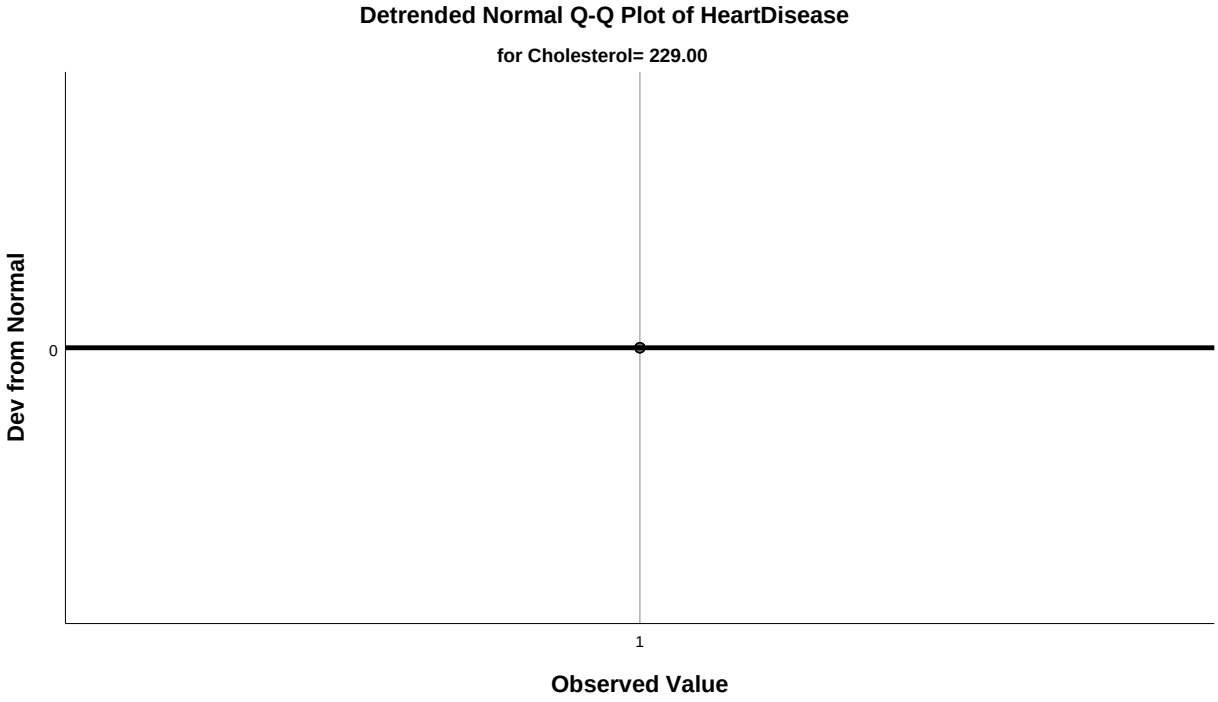

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 219.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

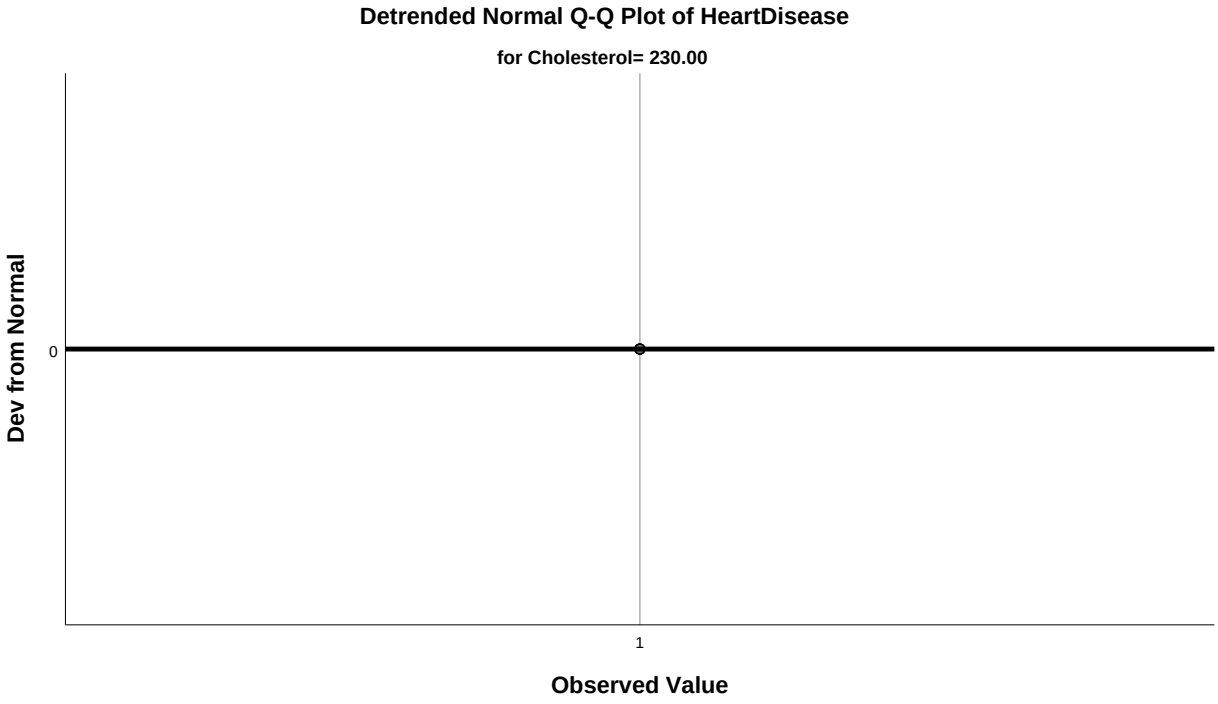

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 222.00
Dev from Normal
0
0
Observed Value

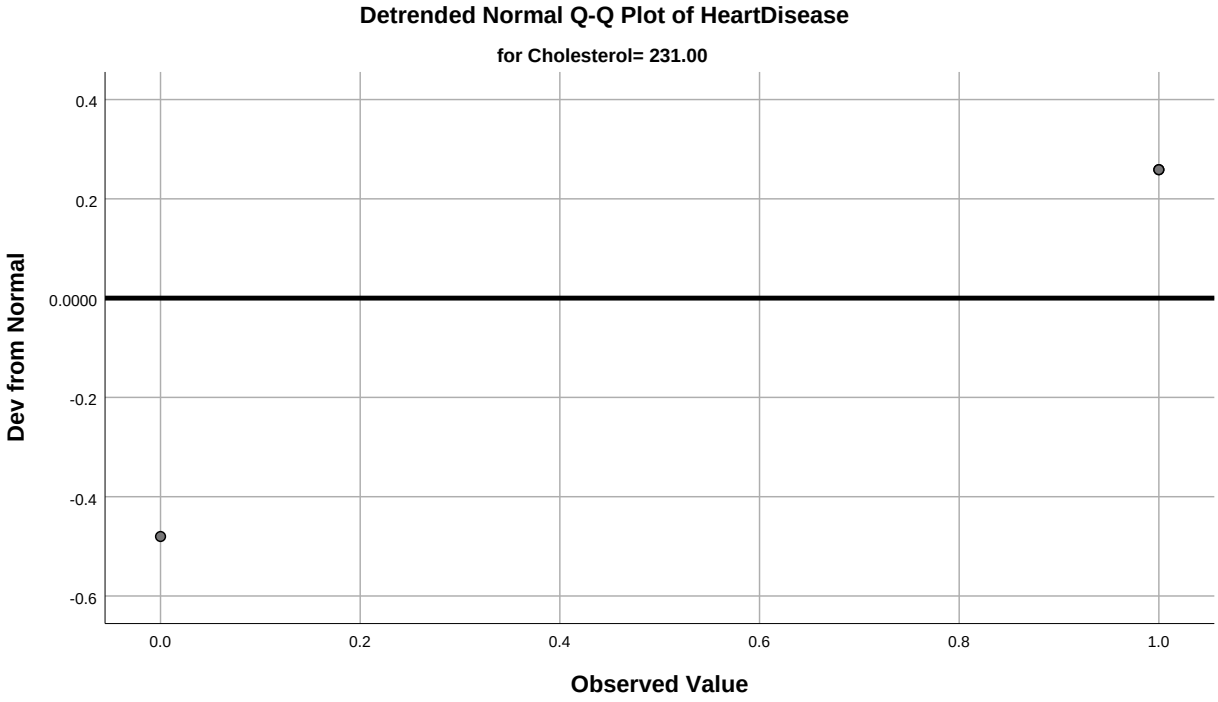

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 223.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

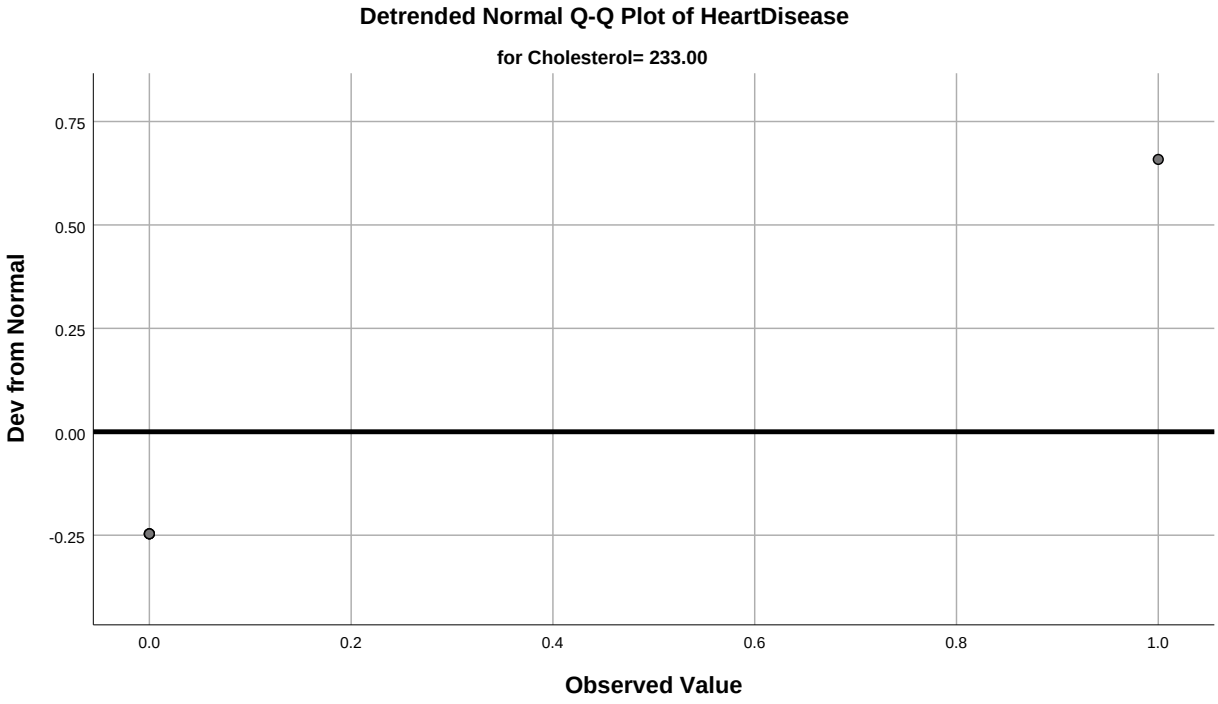

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 226.00
Dev from Normal
0
0
Observed Value

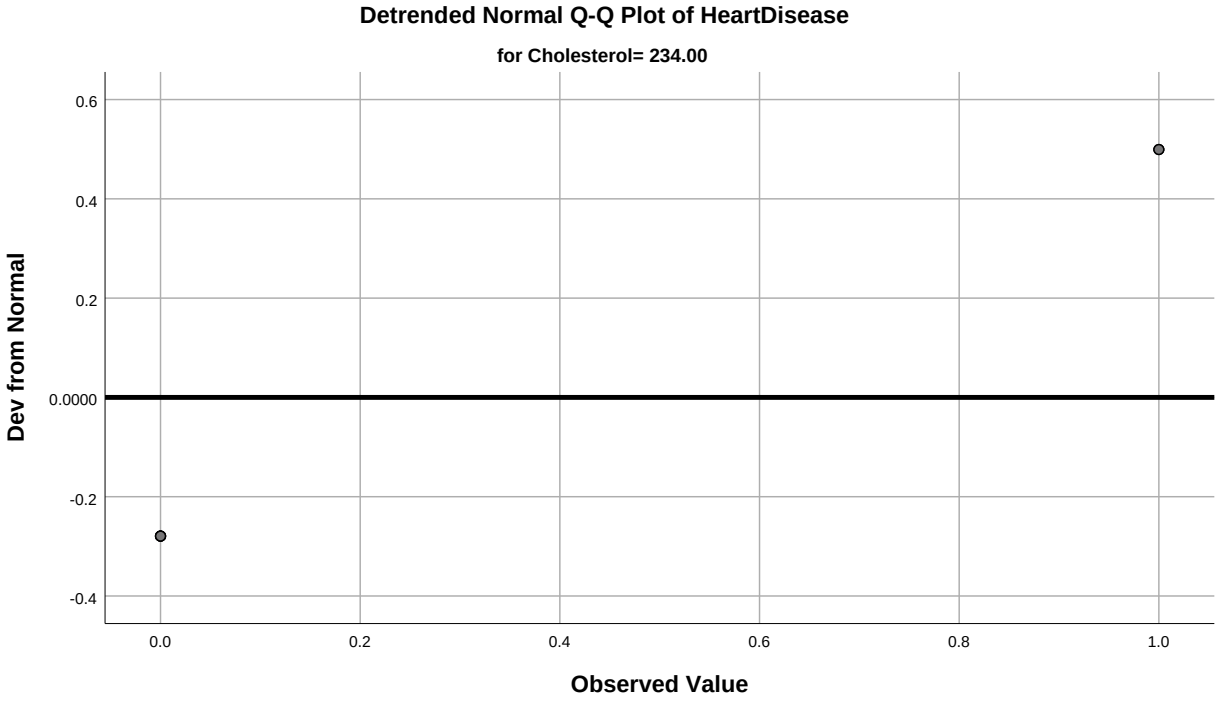

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 228.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

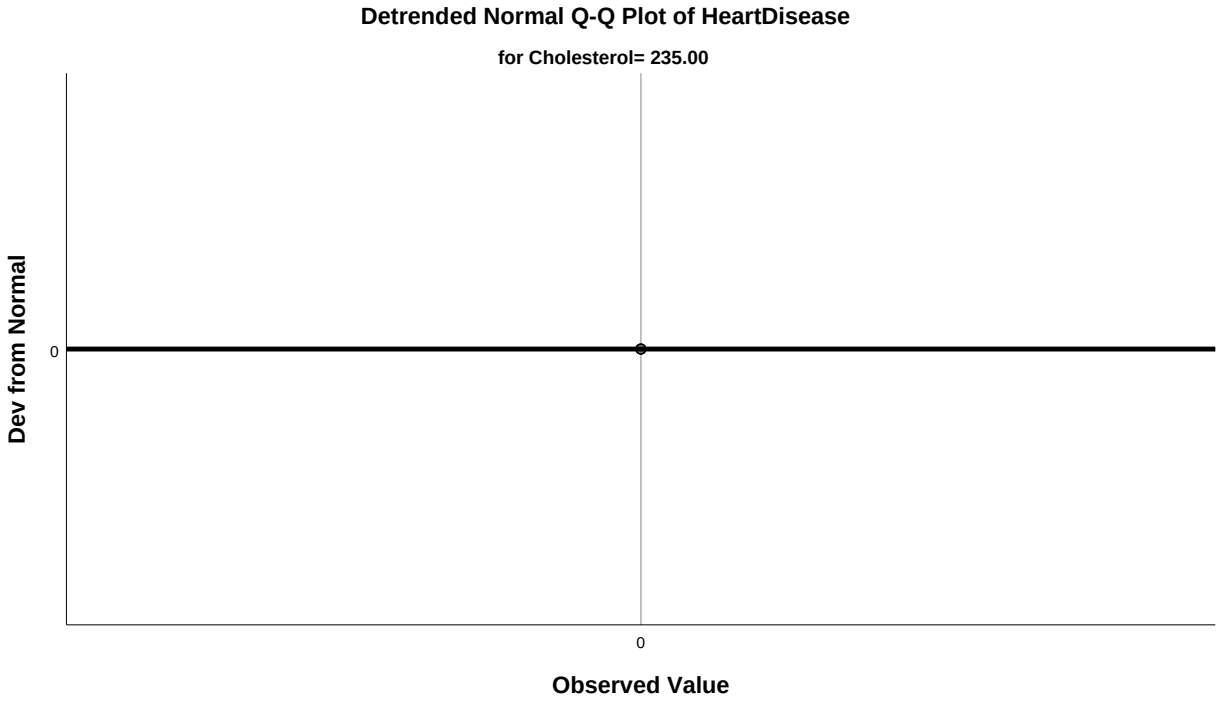

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 229.00
Dev from Normal
0
1
Observed Value

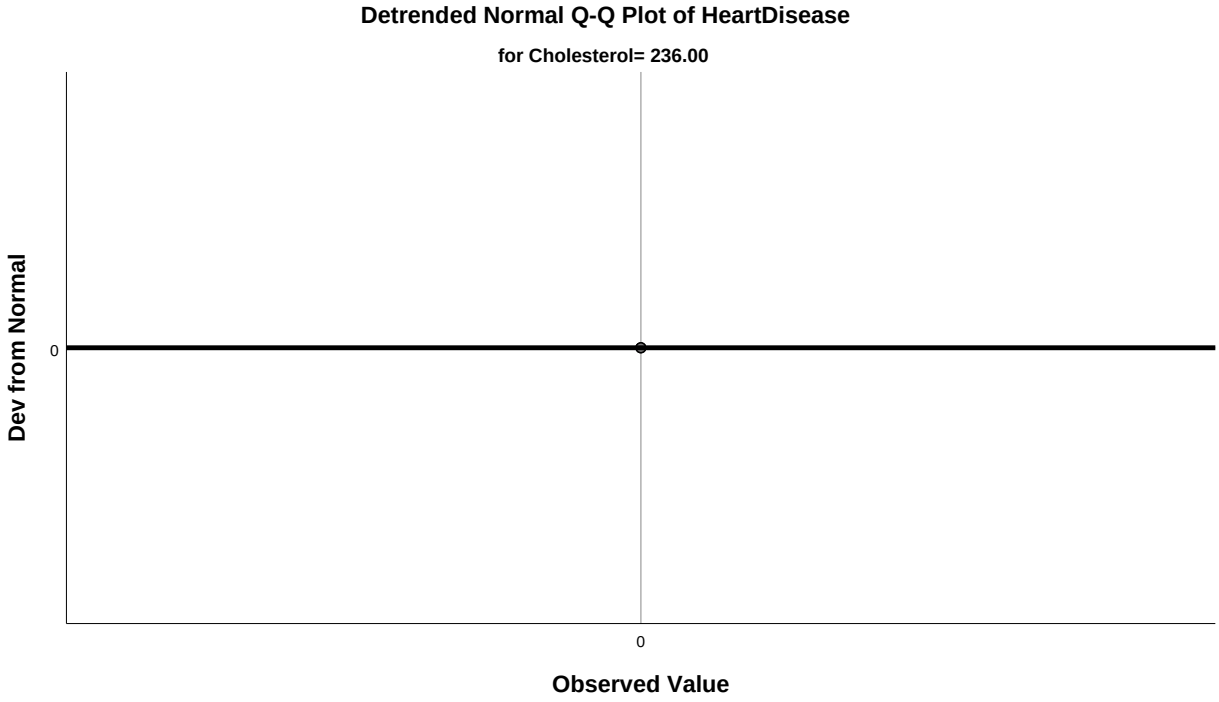

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 230.00
Dev from Normal
0
1
Observed Value

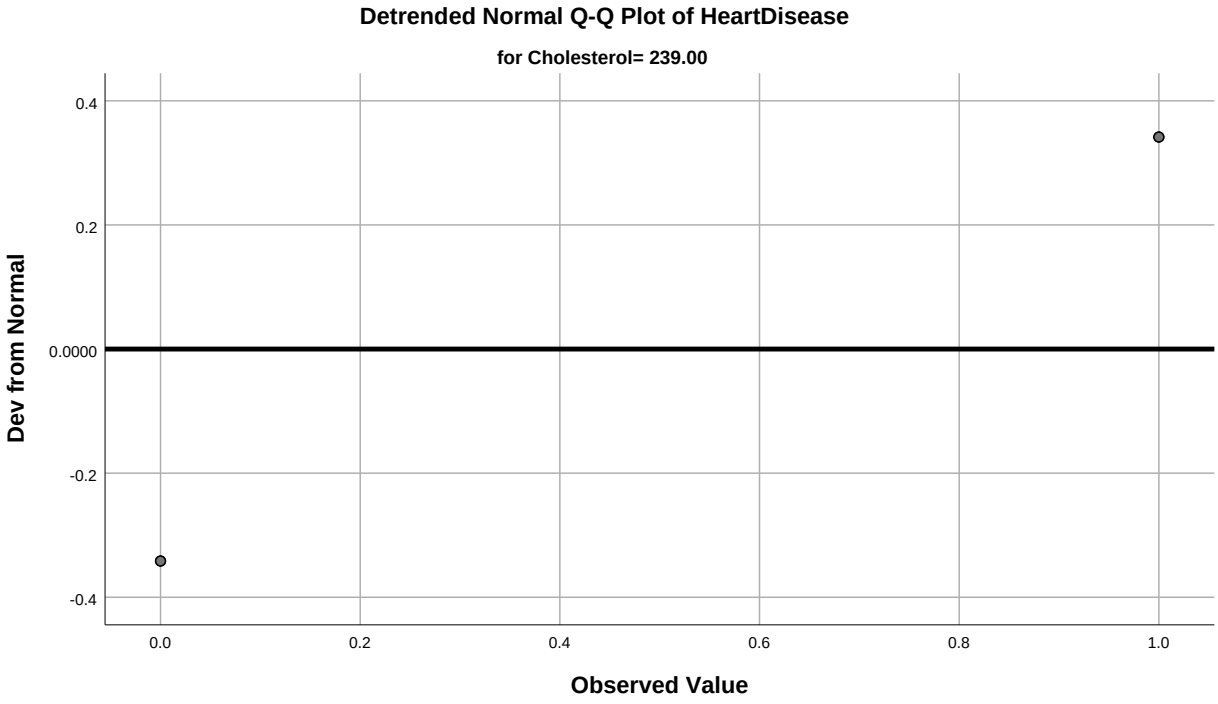

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 231.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

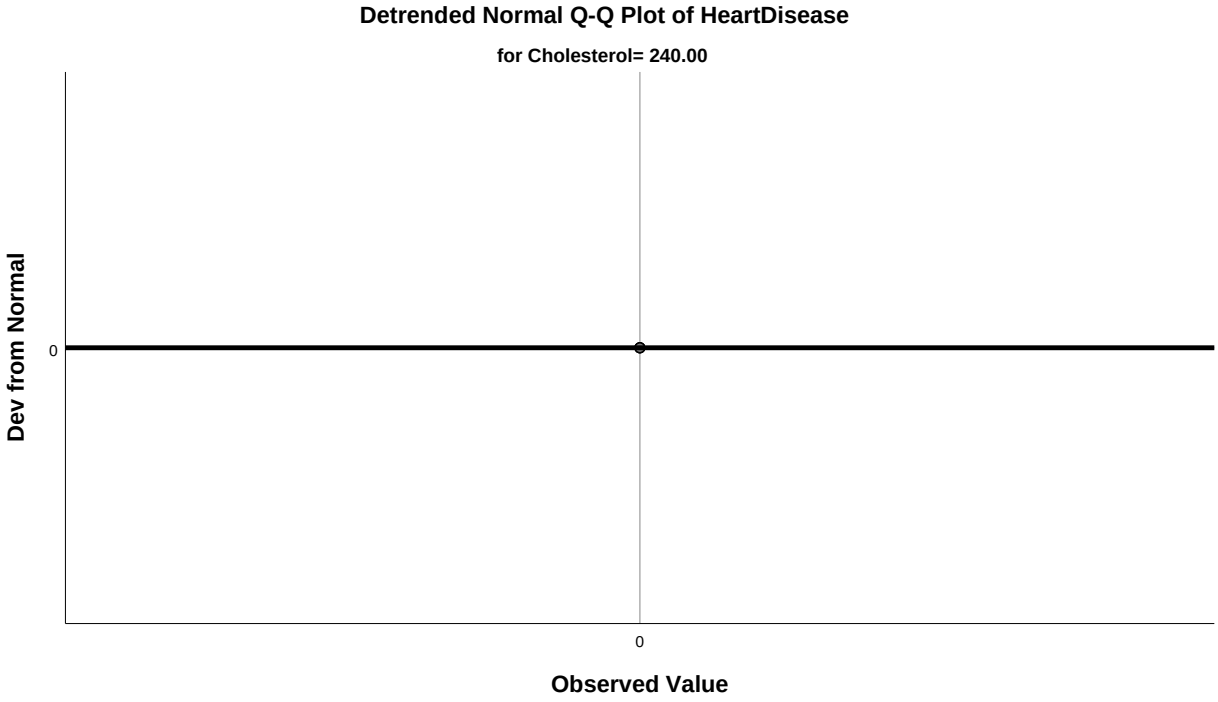

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 233.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

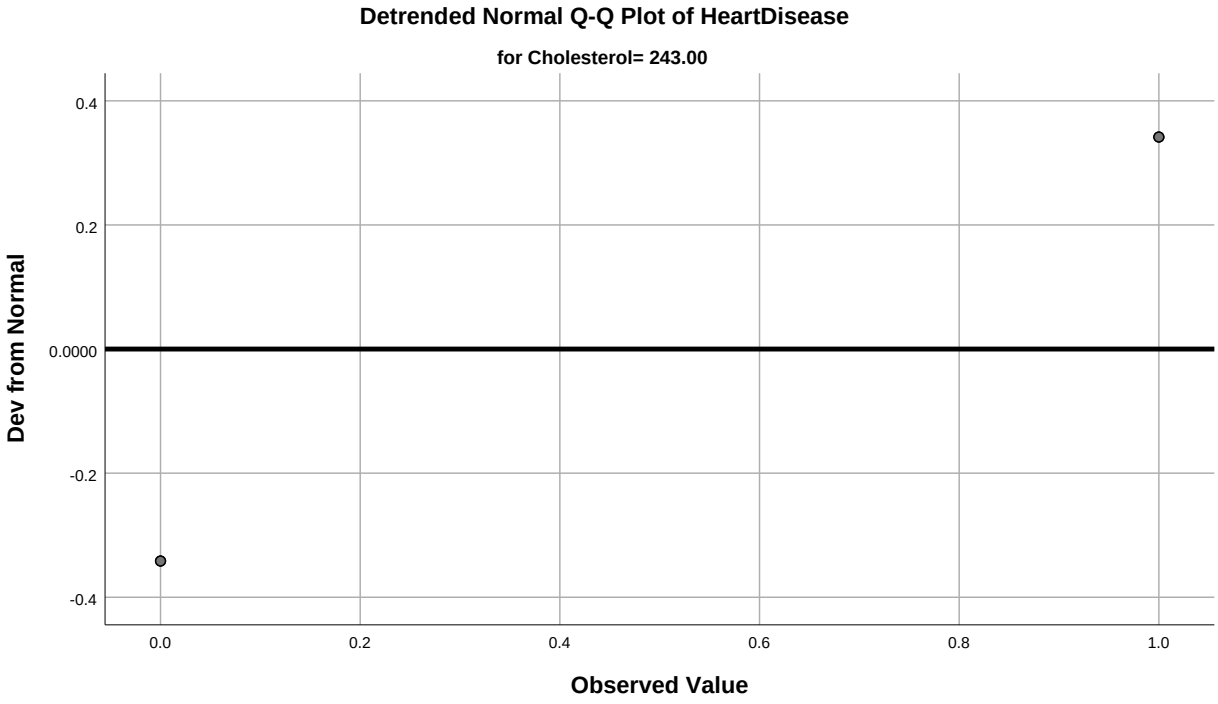

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 234.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

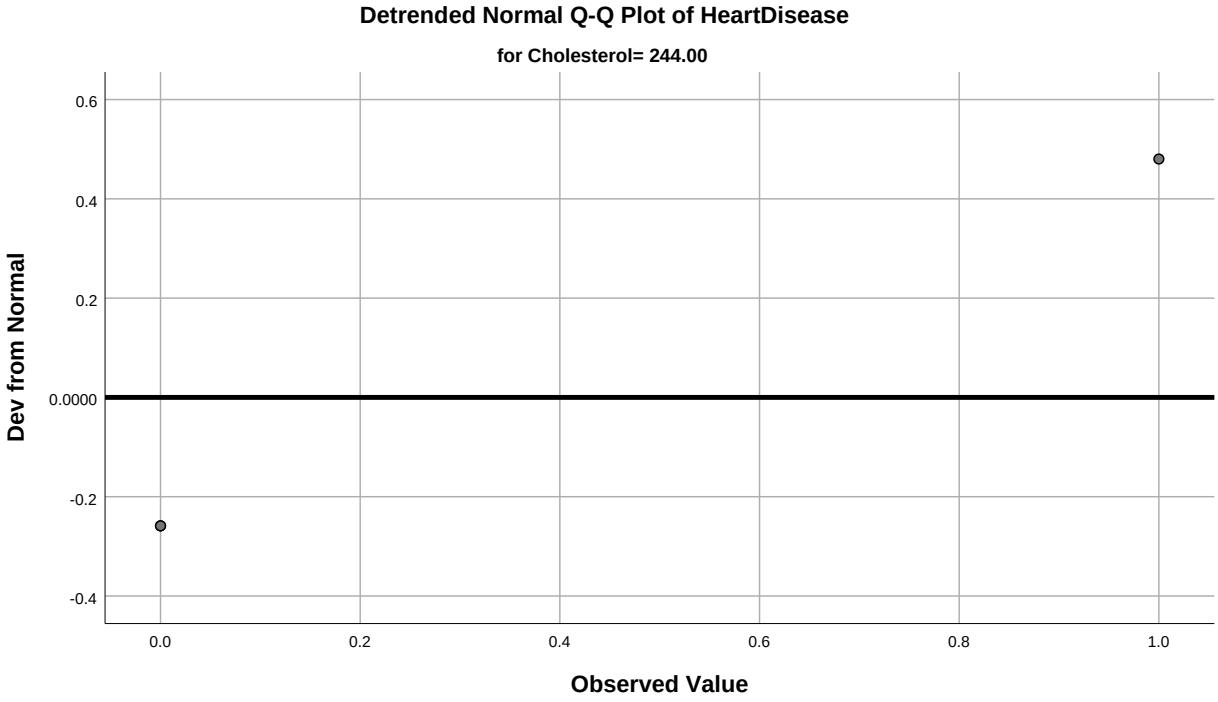

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 235.00
Dev from Normal
0
0
Observed Value

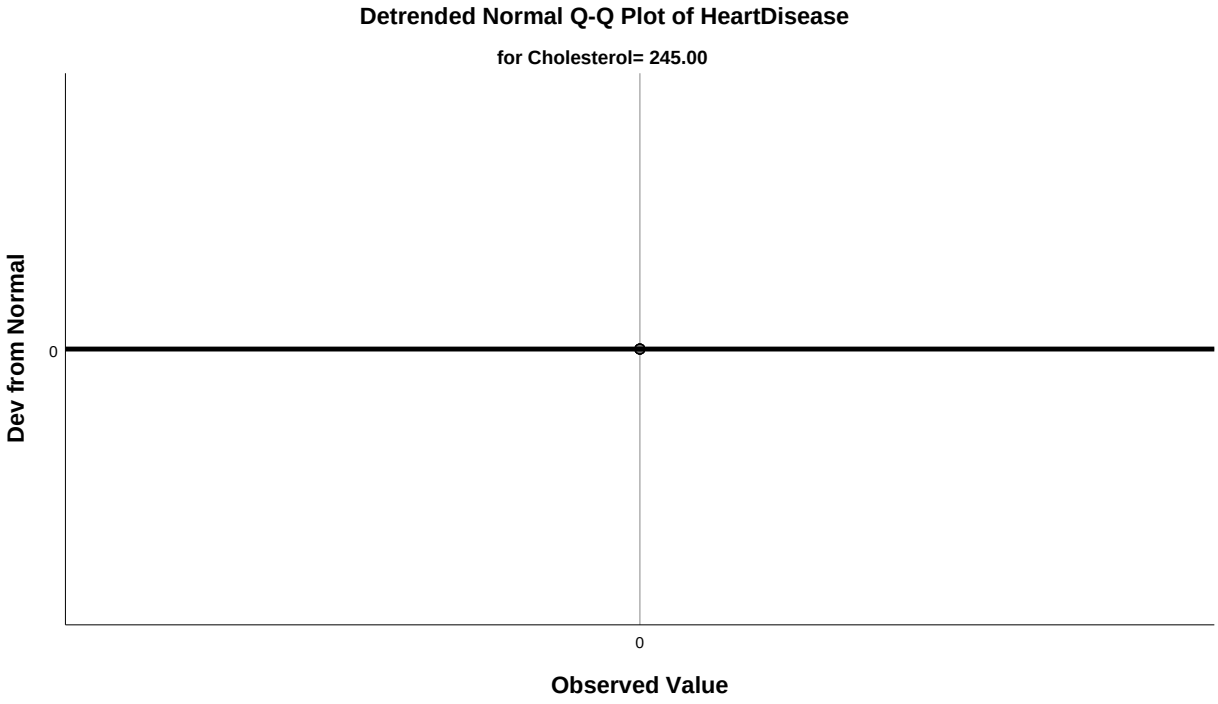

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 236.00
Dev from Normal
0
0
Observed Value

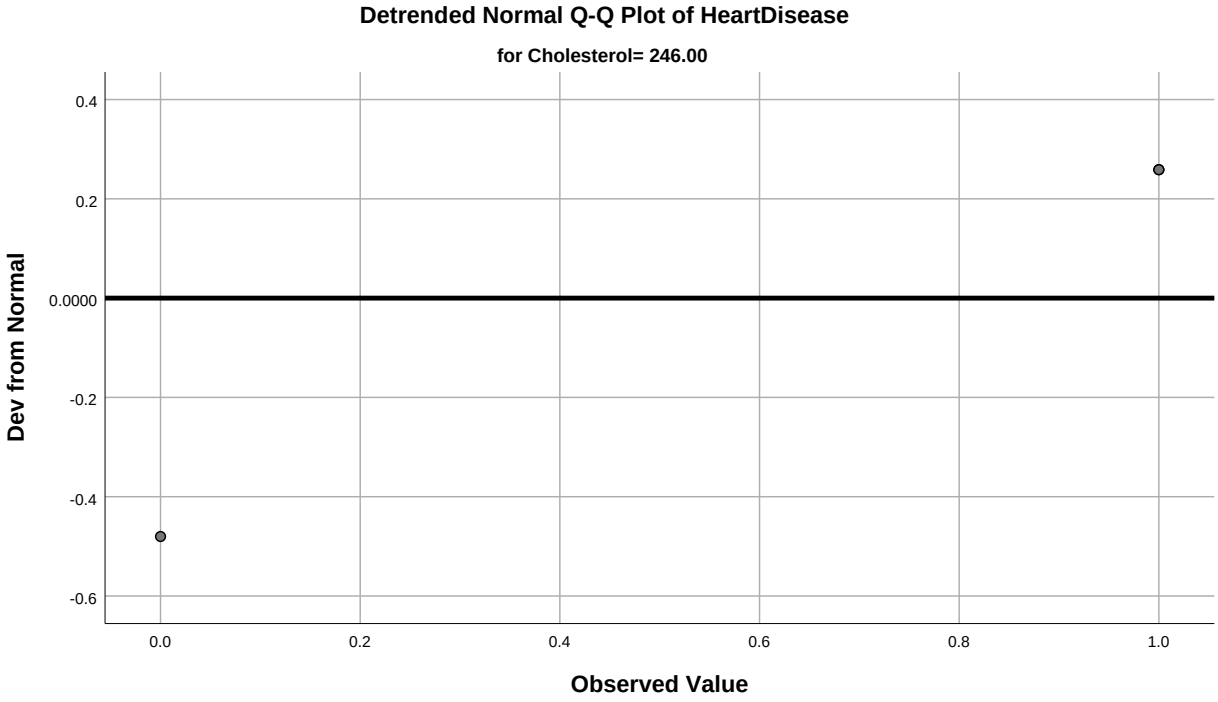

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 239.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

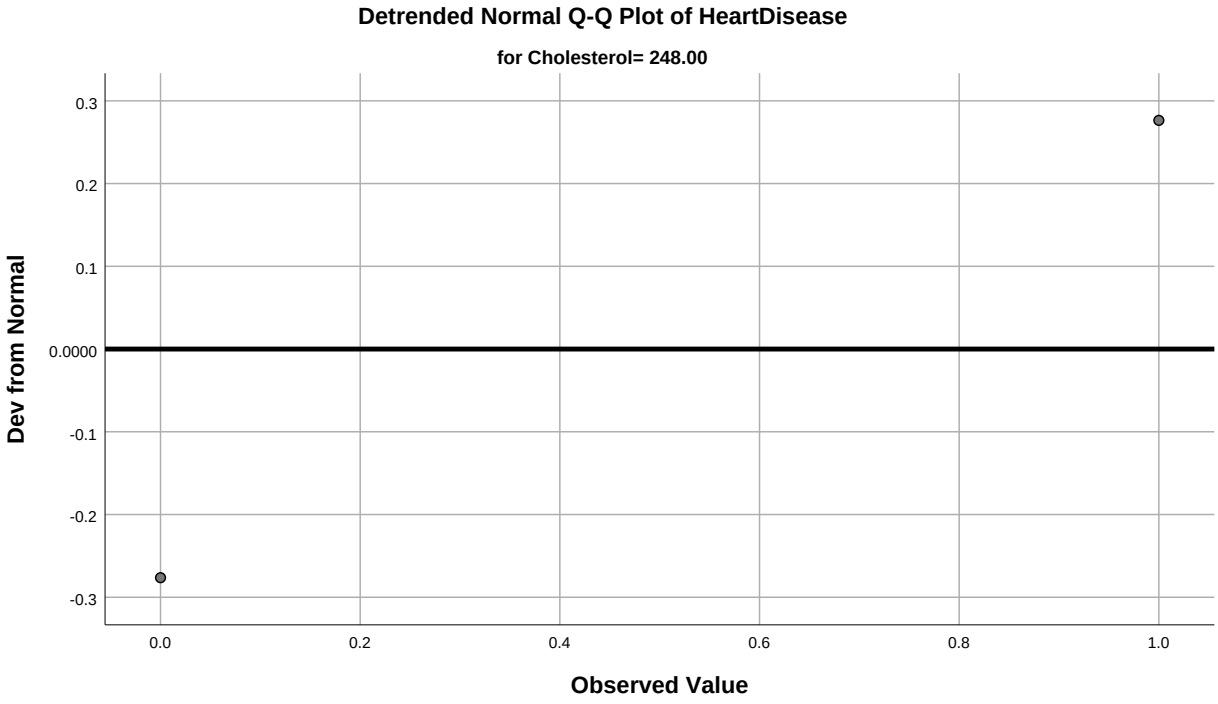

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 240.00
Dev from Normal
0
0
Observed Value

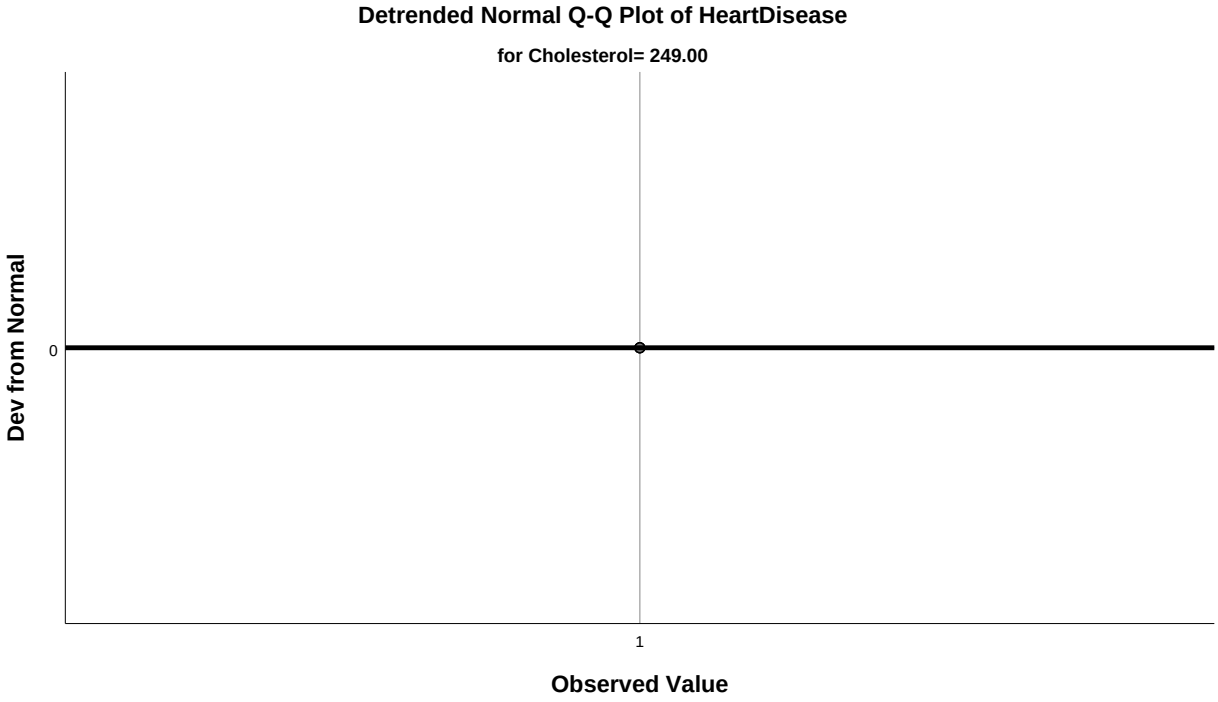

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 243.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

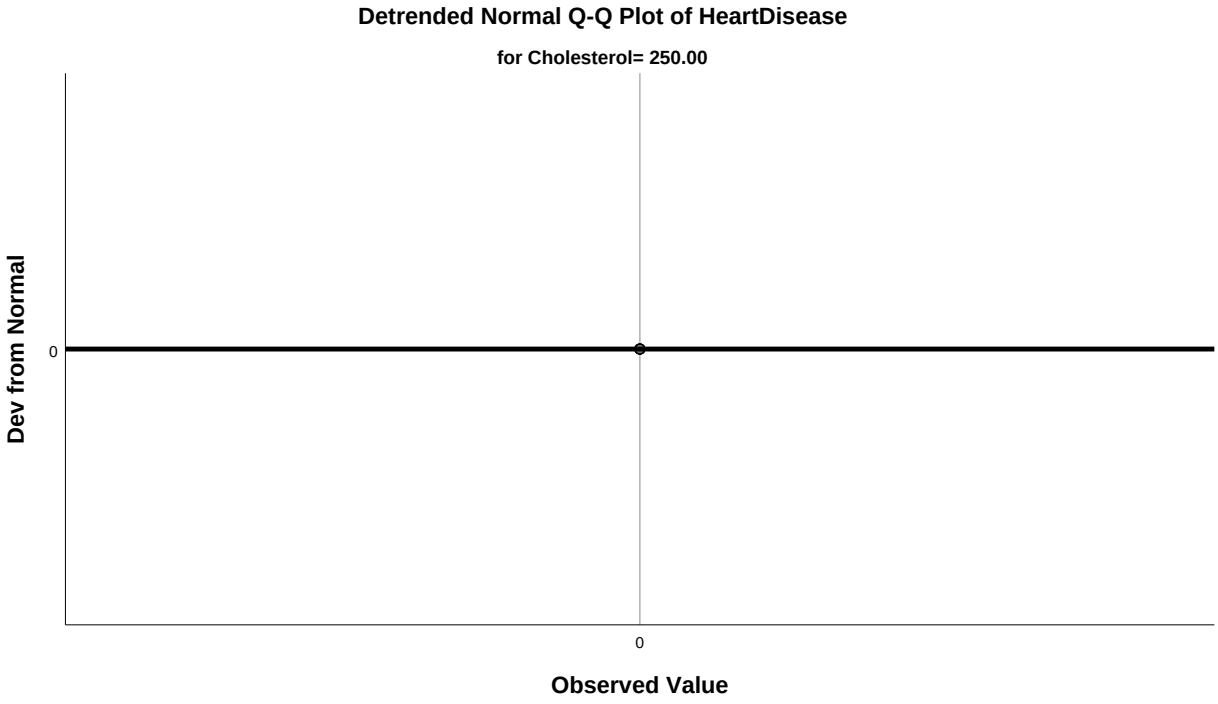

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 244.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

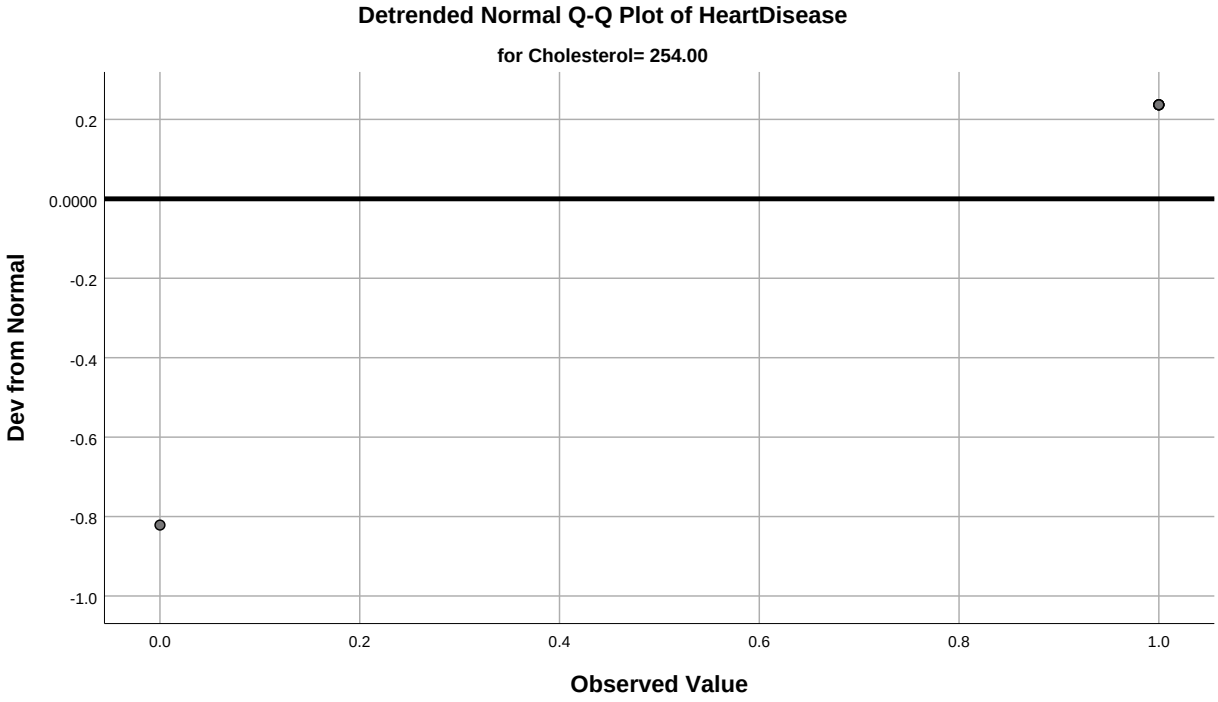

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 245.00
Dev from Normal
0
0
Observed Value

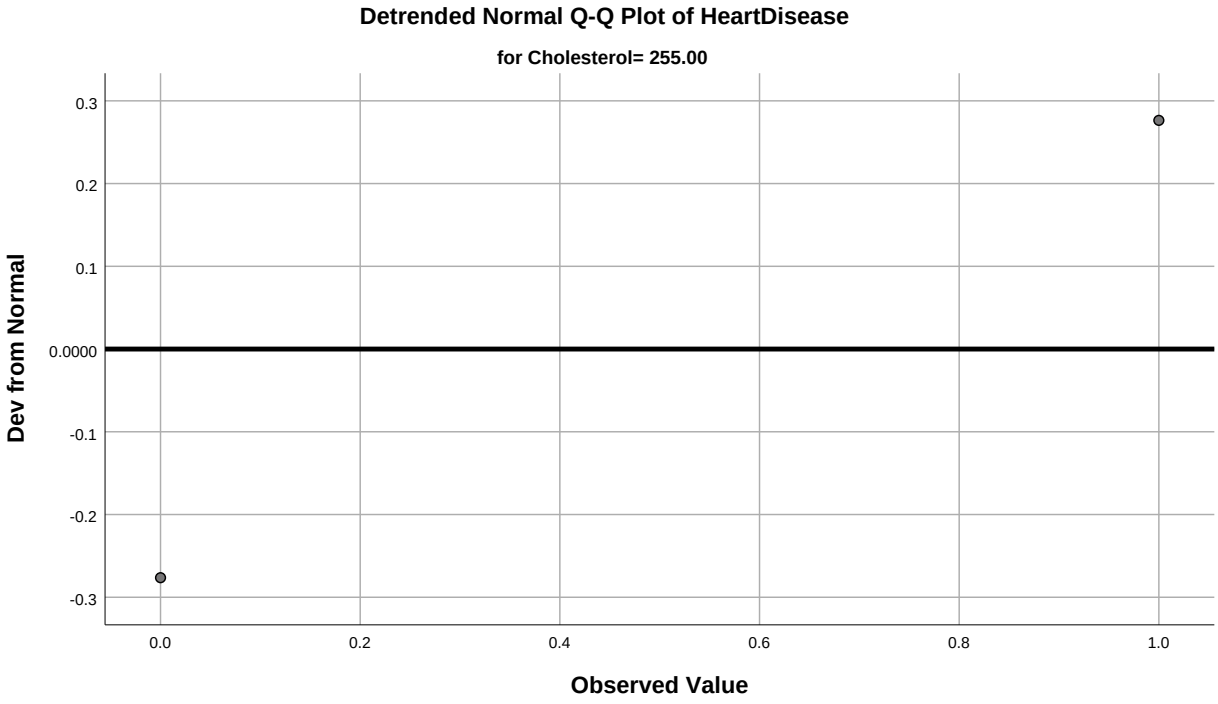

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 246.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

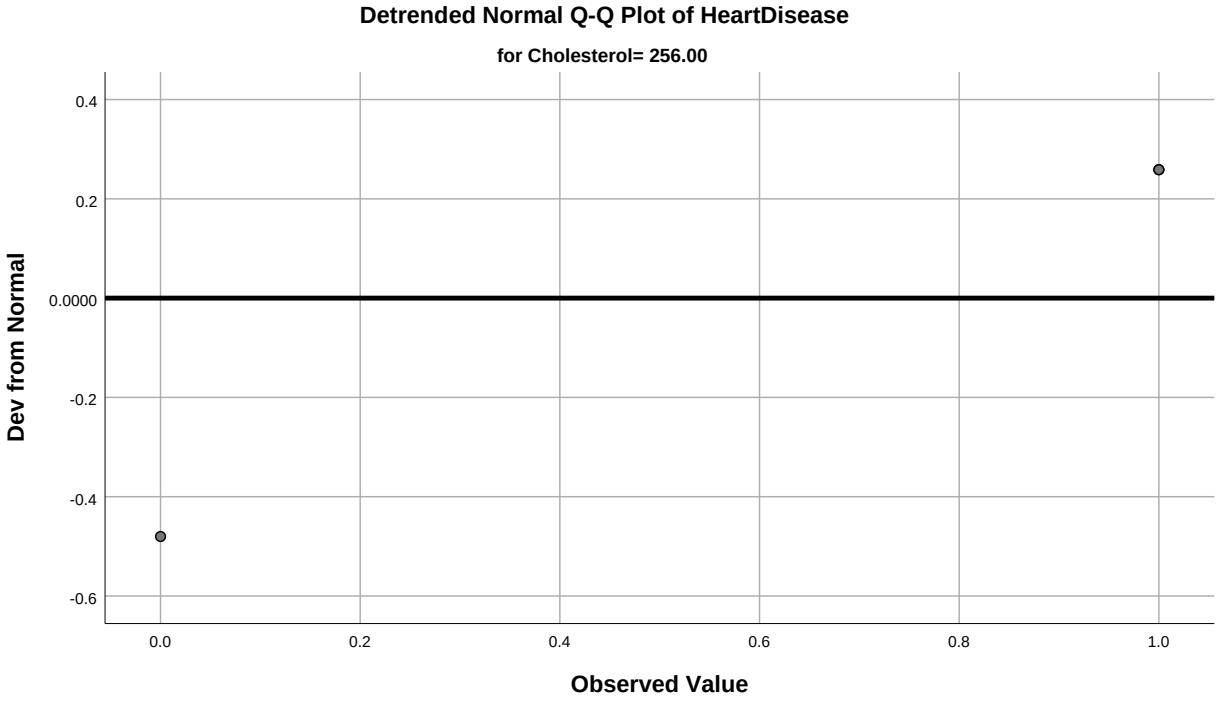

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 248.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

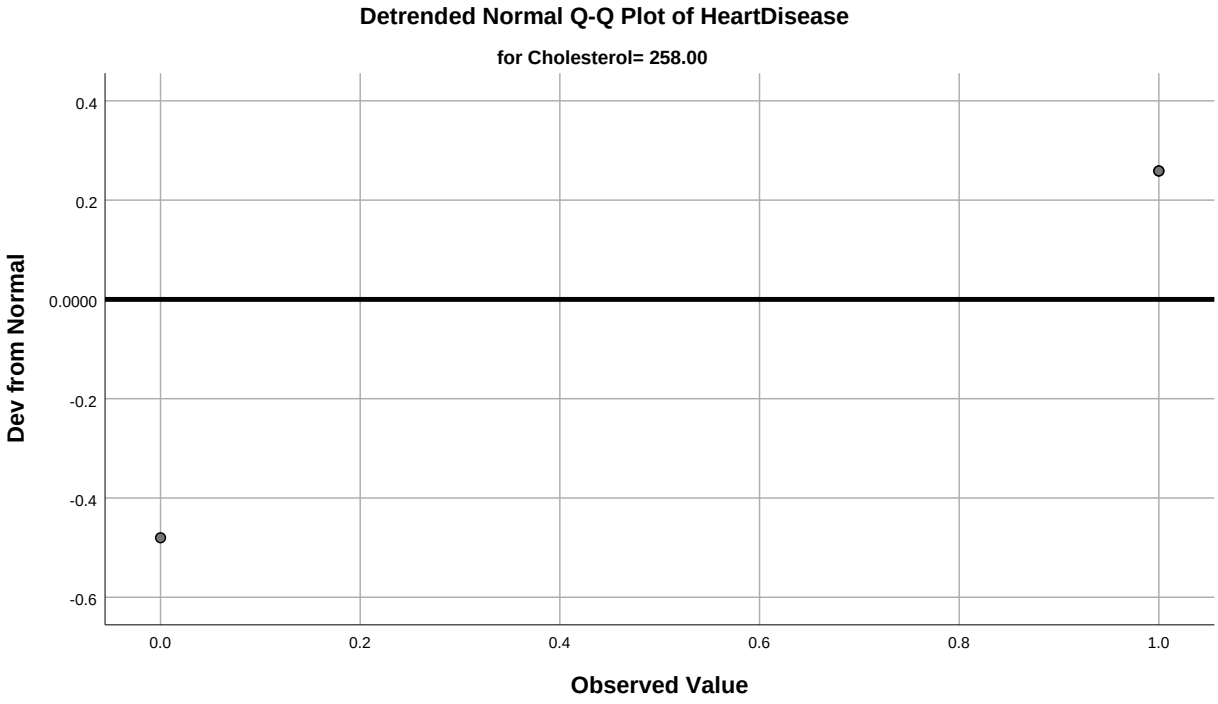

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 249.00
Dev from Normal
0
1
Observed Value

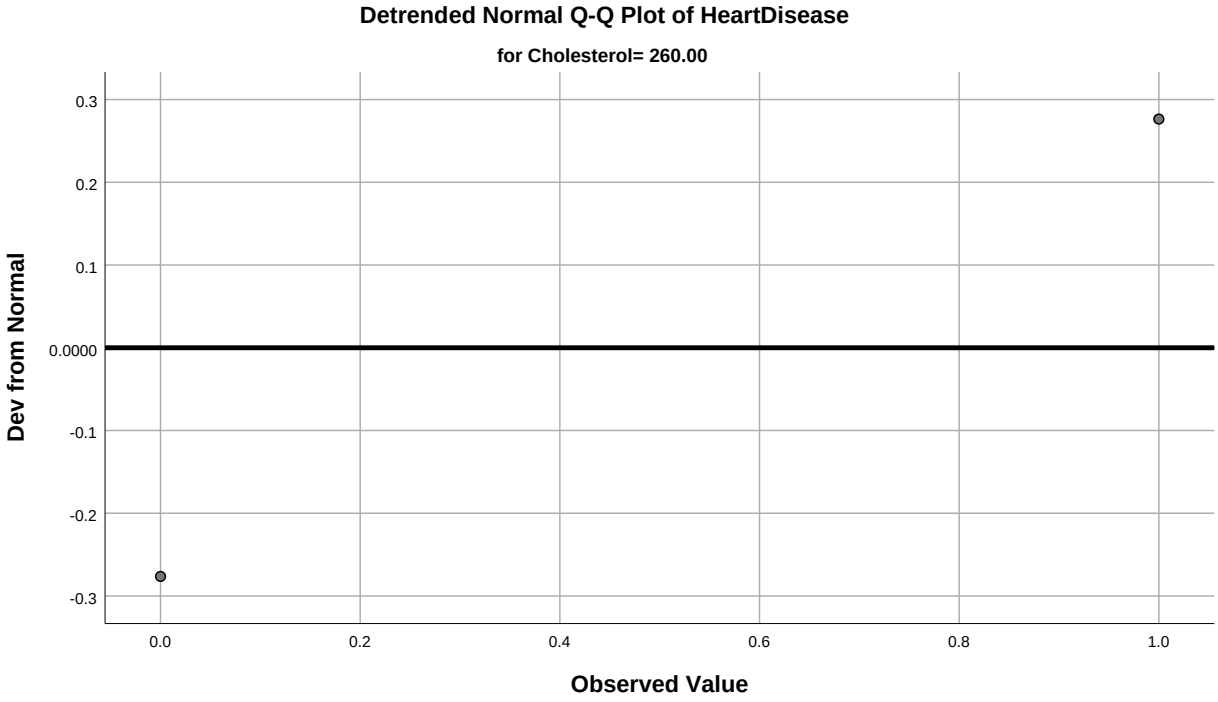

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 250.00
Dev from Normal
0
0
Observed Value

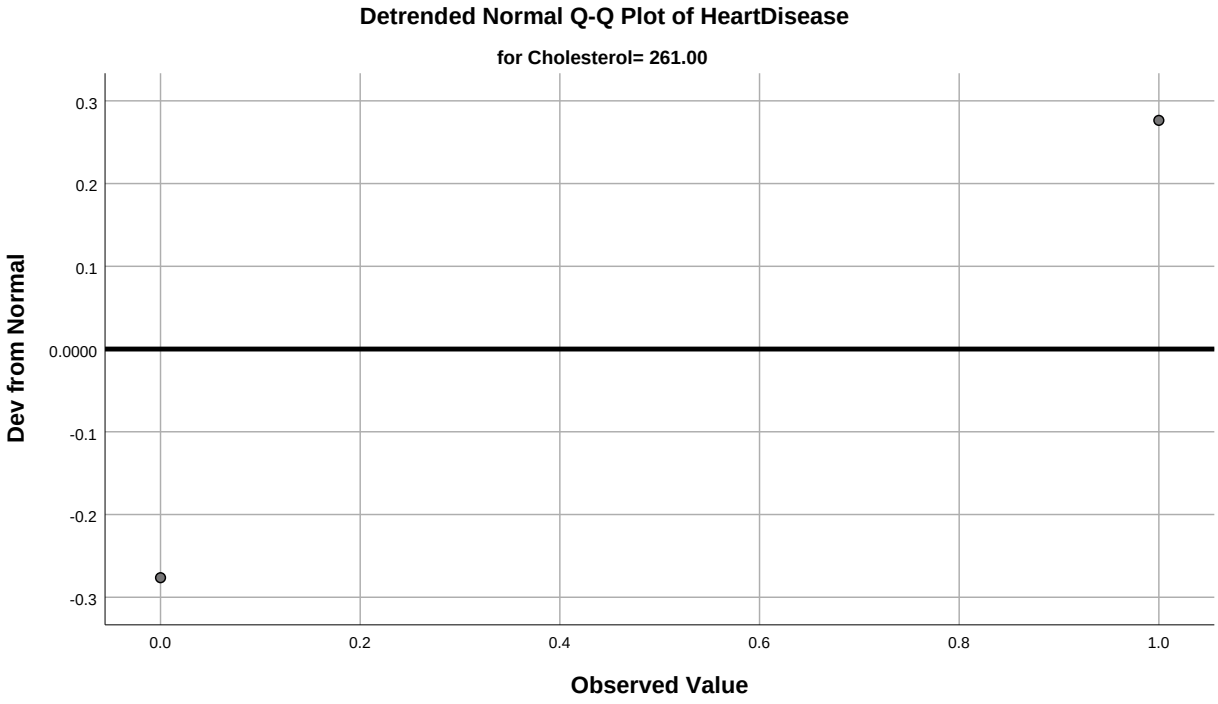

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 254.00
Dev from Normal
0.2
0.0000
-0.2
-0.4
-0.6
-0.8
-1.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

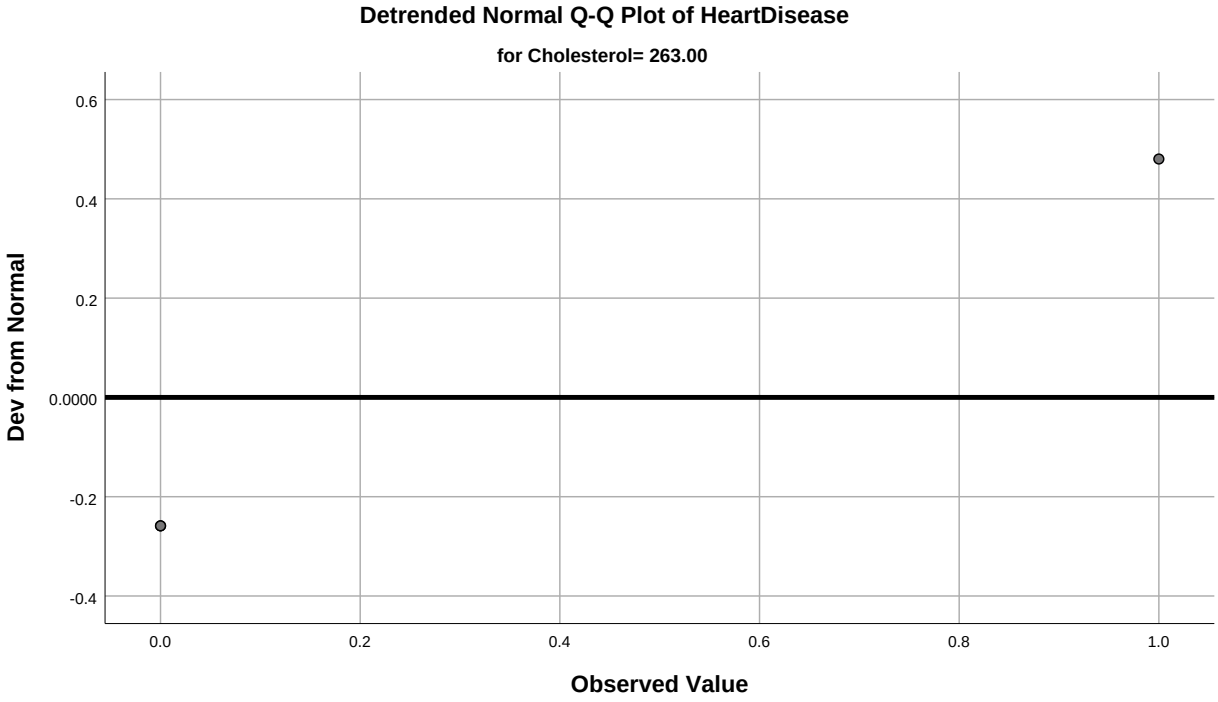

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 255.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

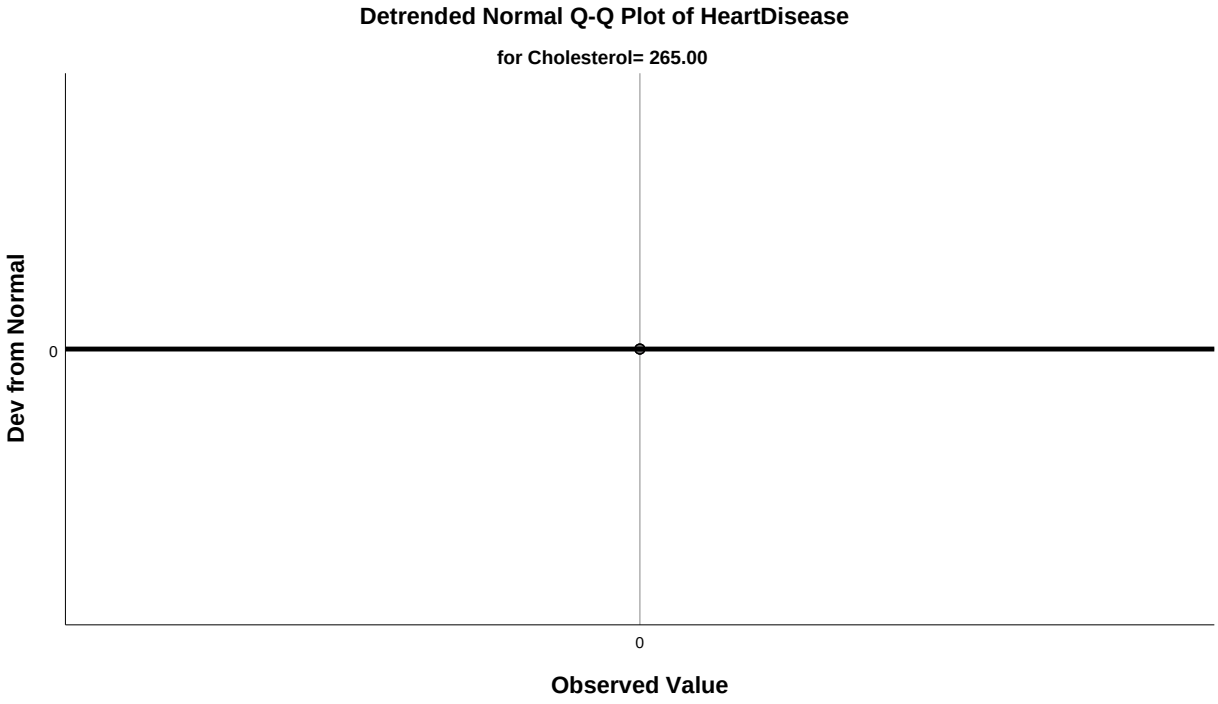

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 256.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

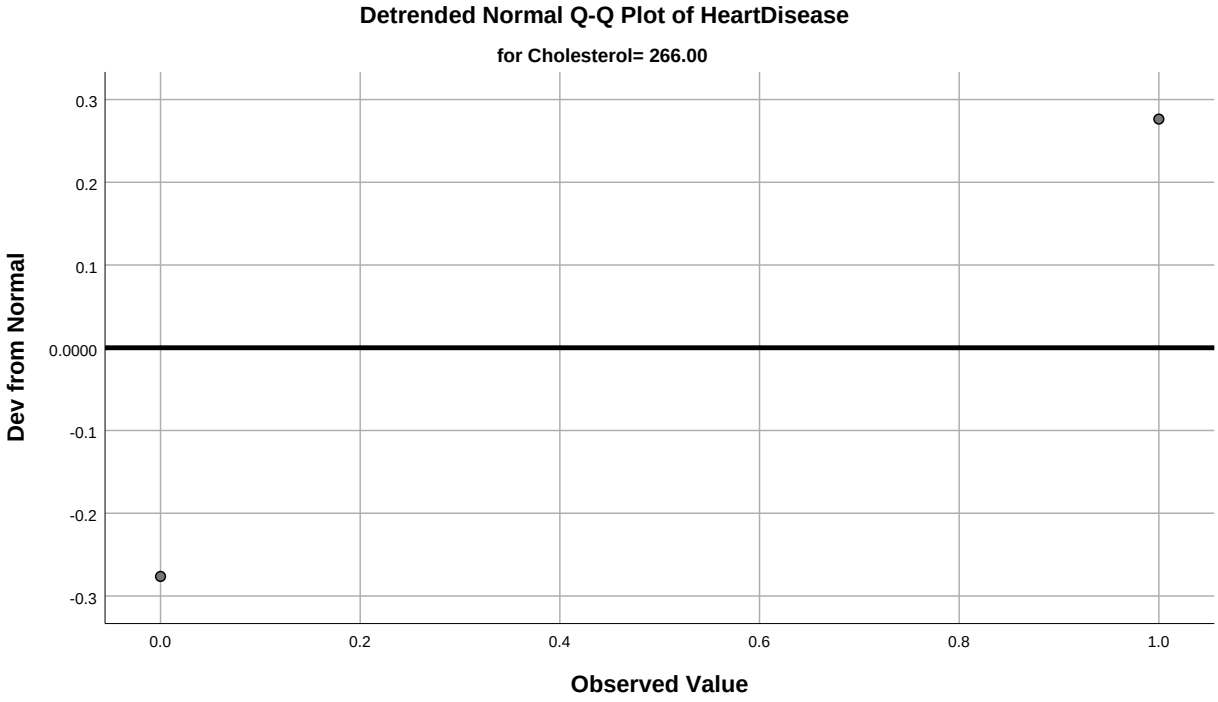

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 258.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

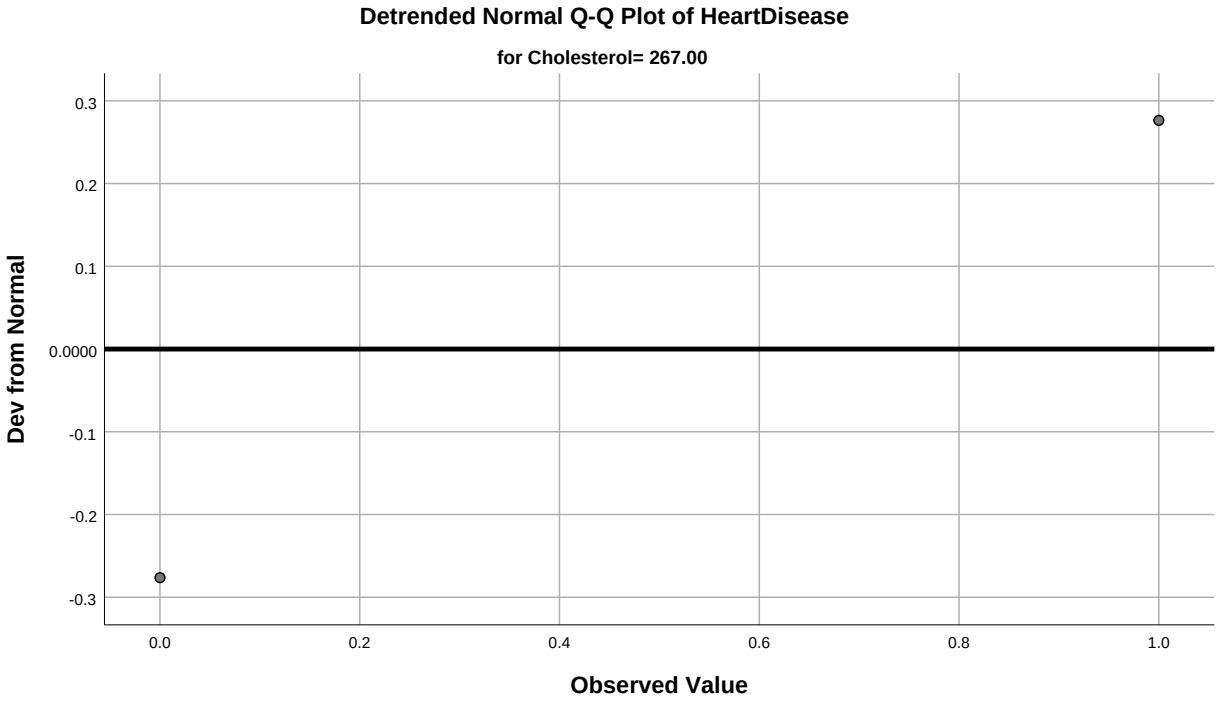

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 260.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

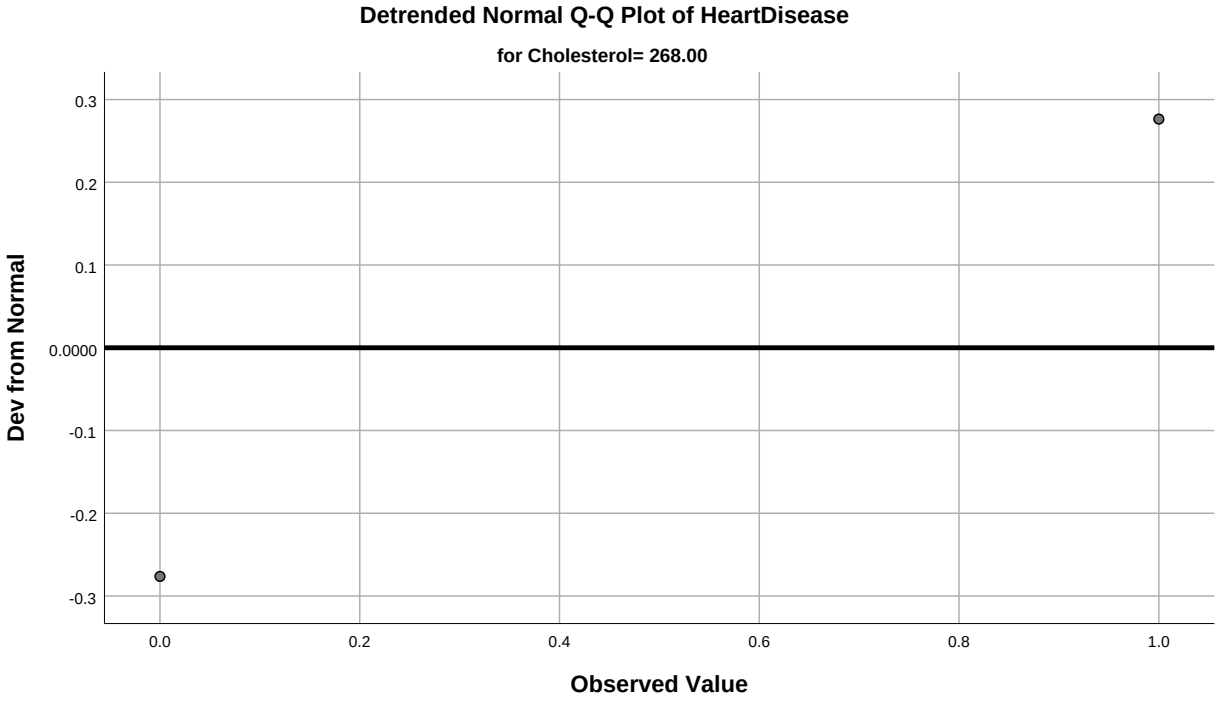

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 261.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

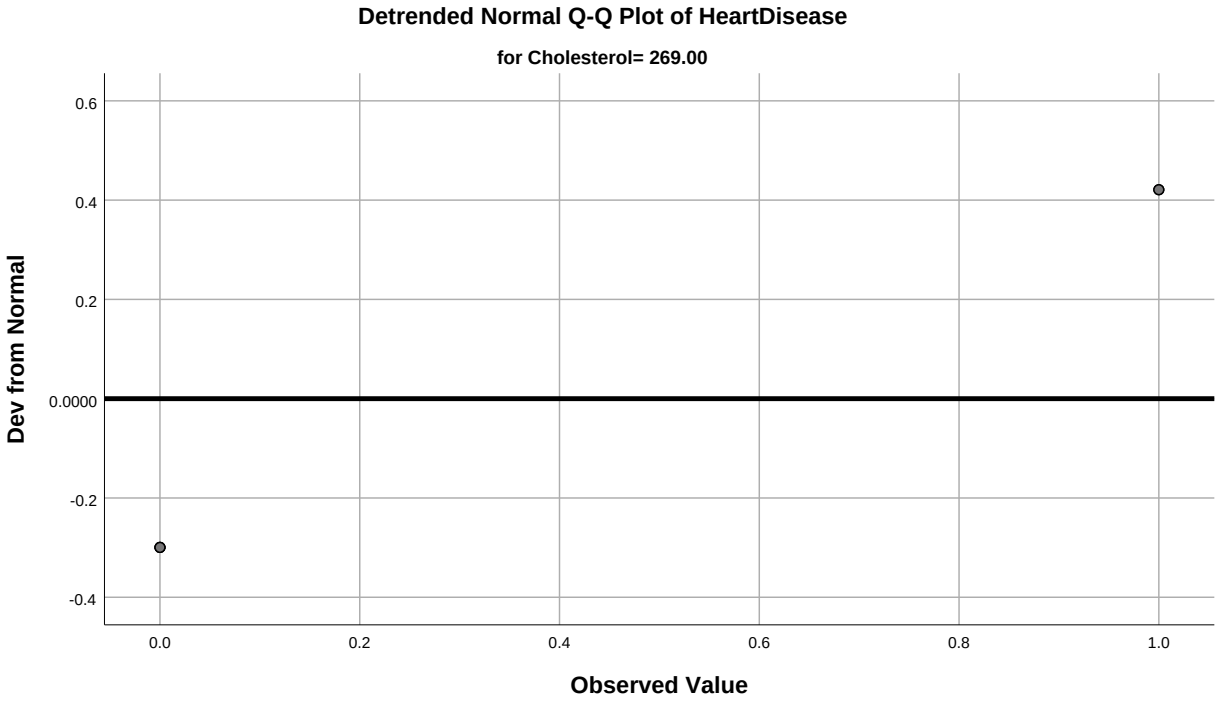

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 263.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

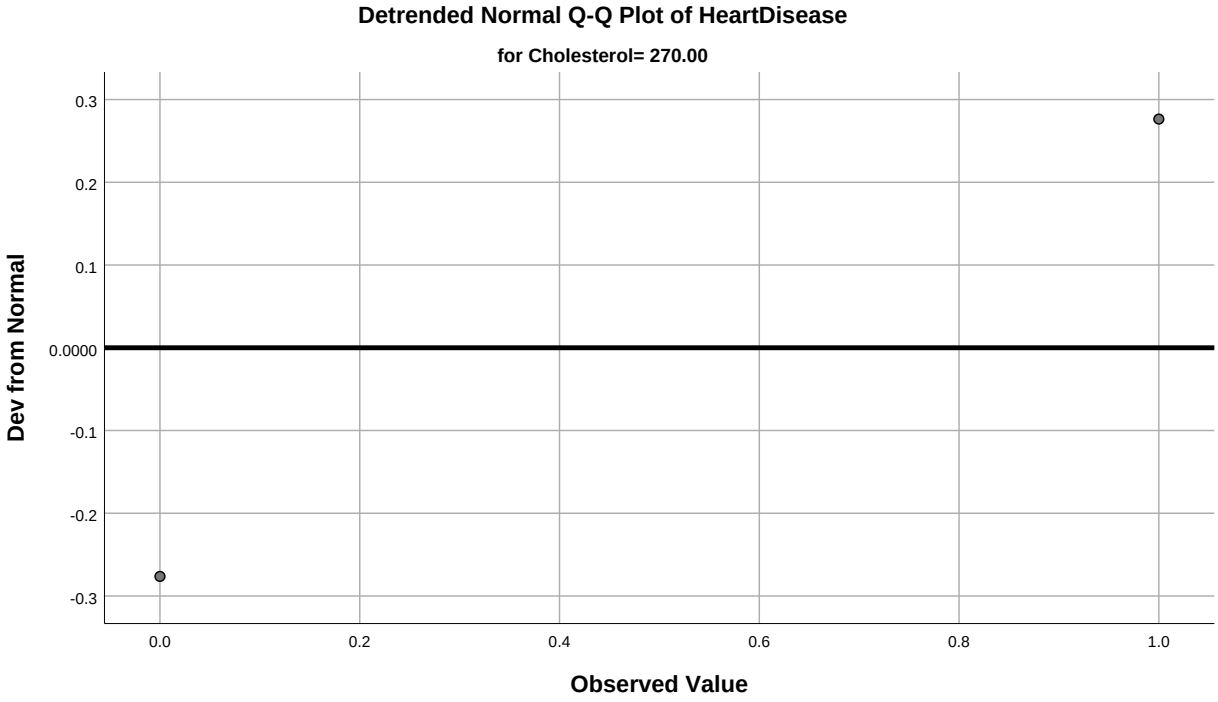

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 265.00
Dev from Normal
0
0
Observed Value

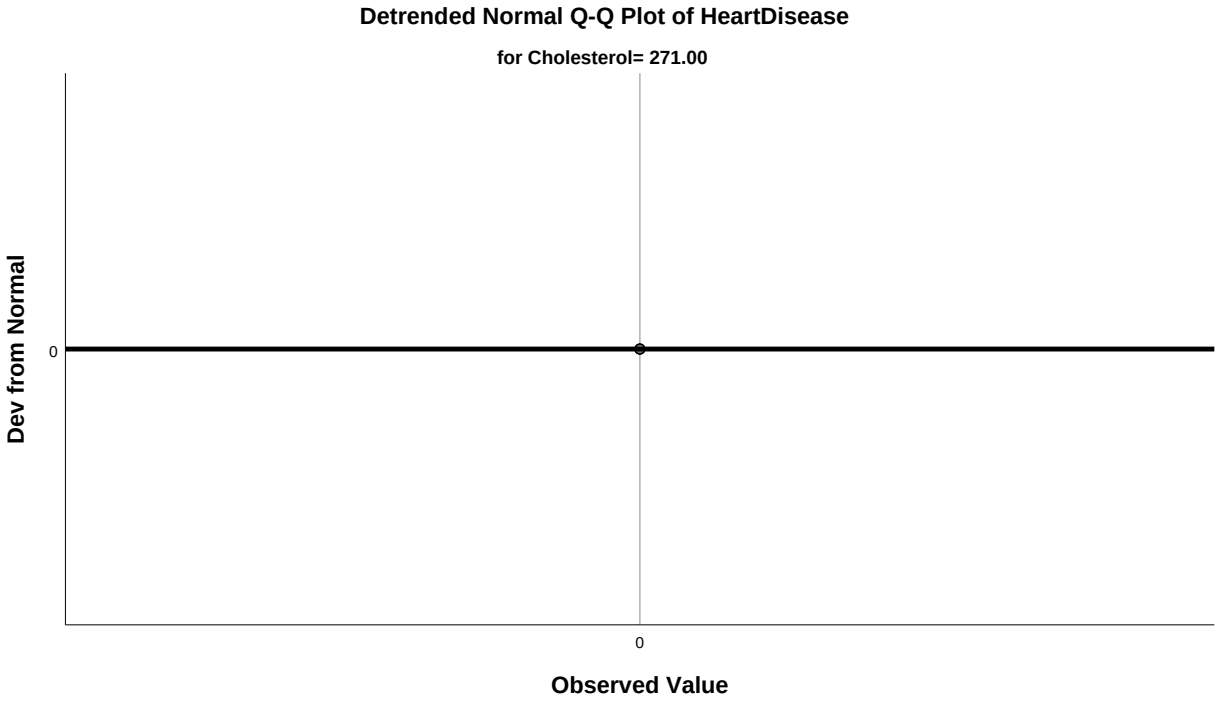

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 266.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

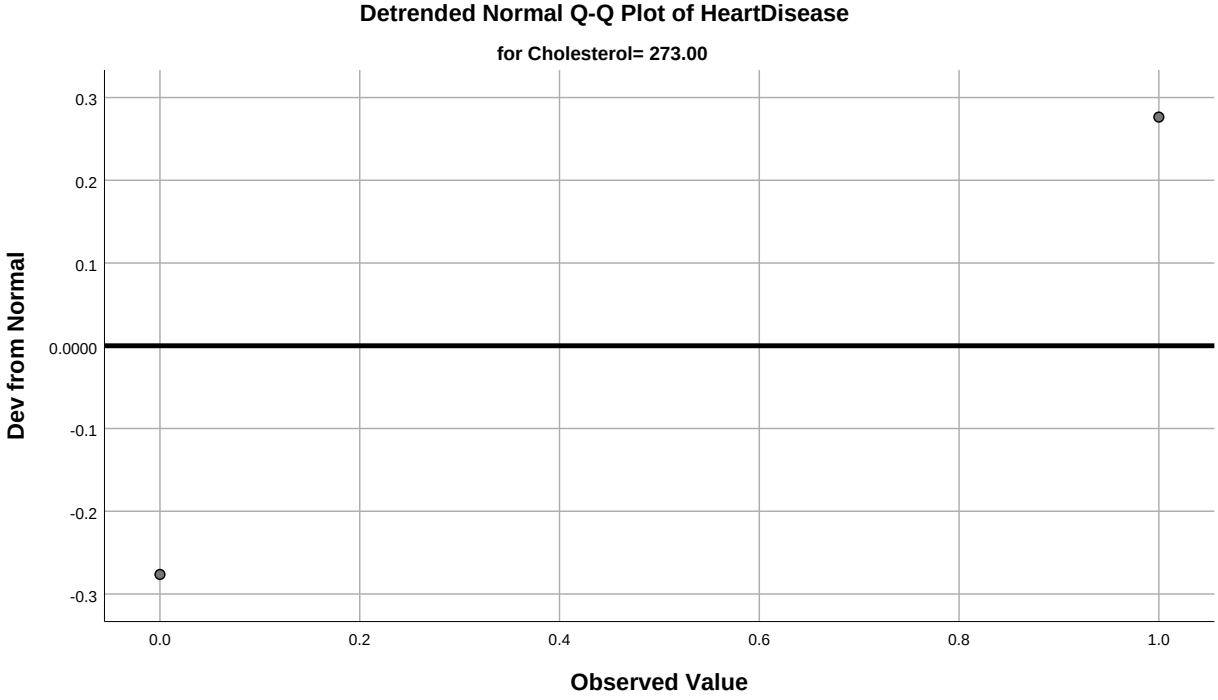

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 267.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

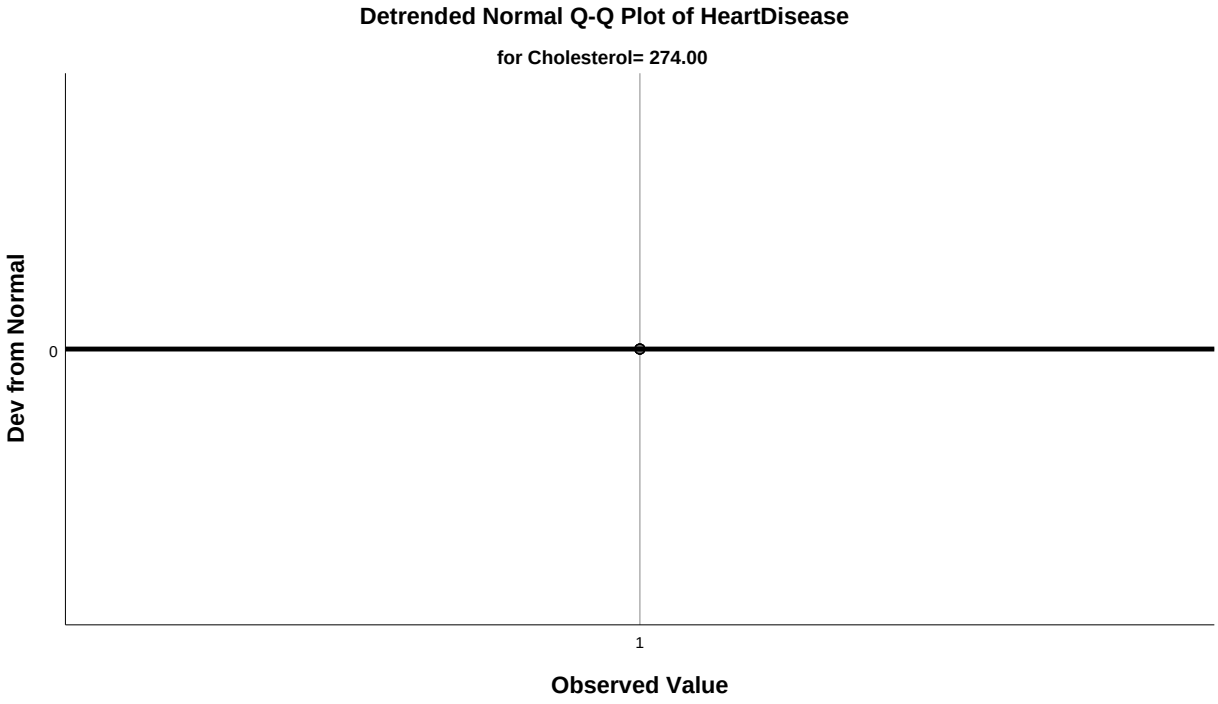

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 268.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

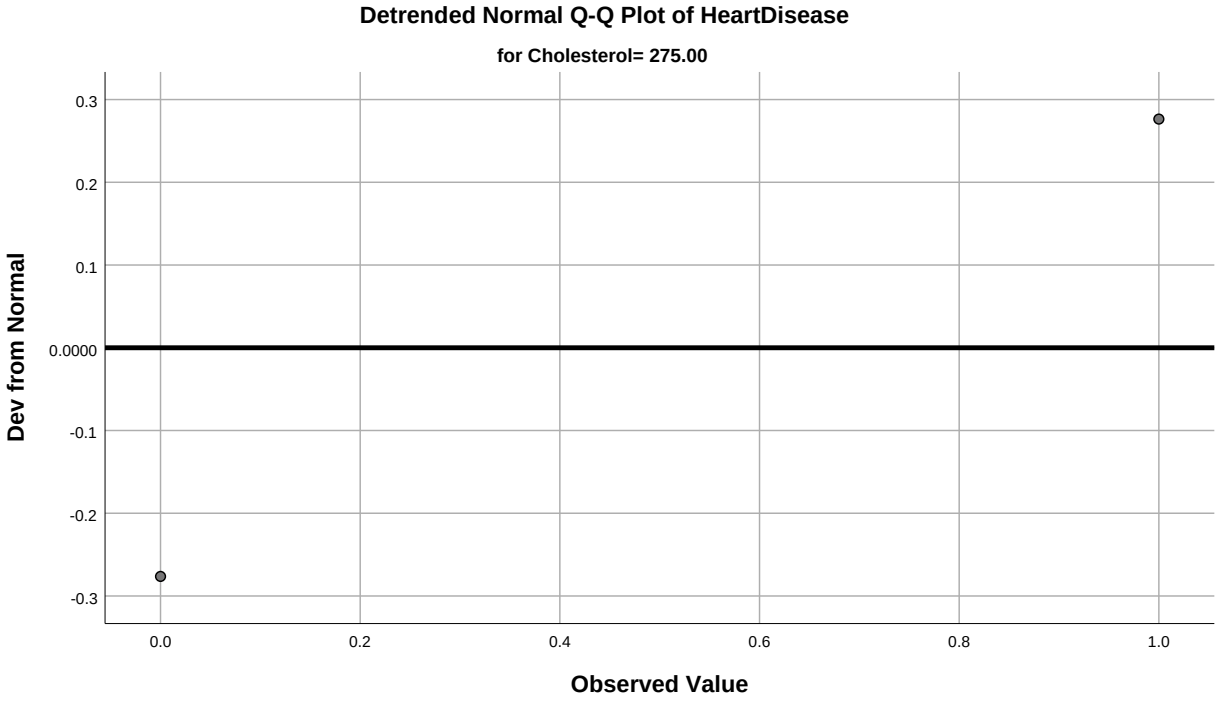

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 269.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

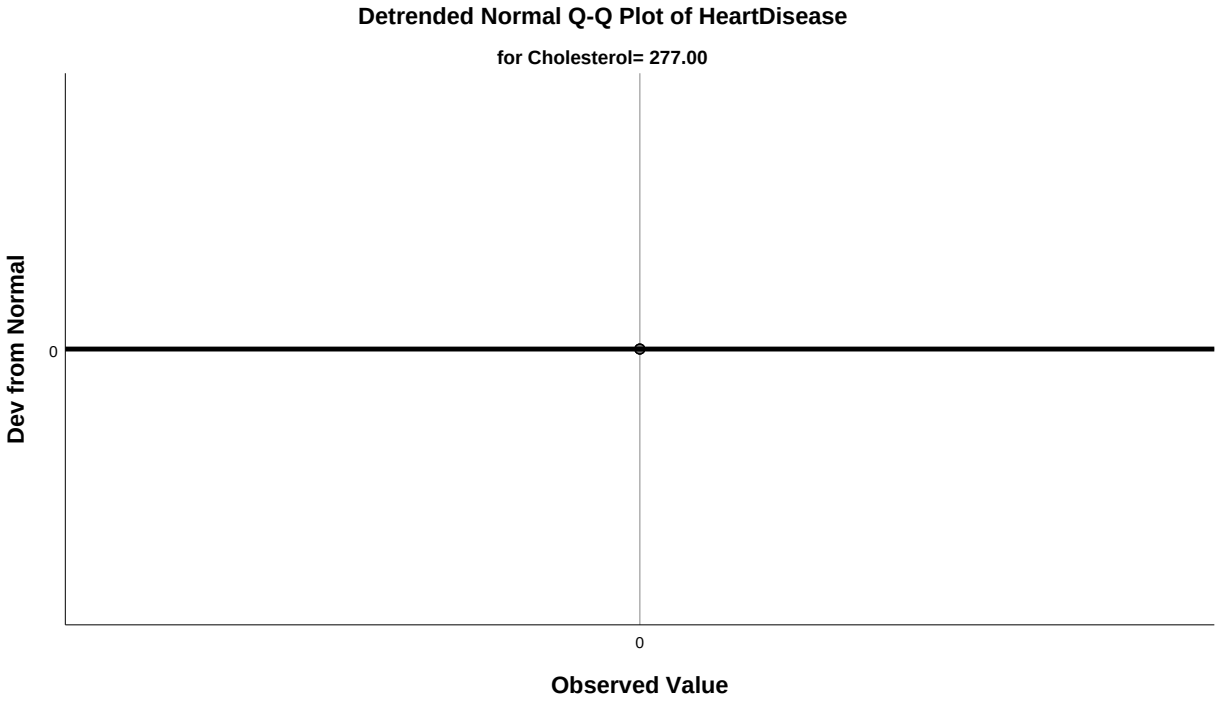

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 270.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

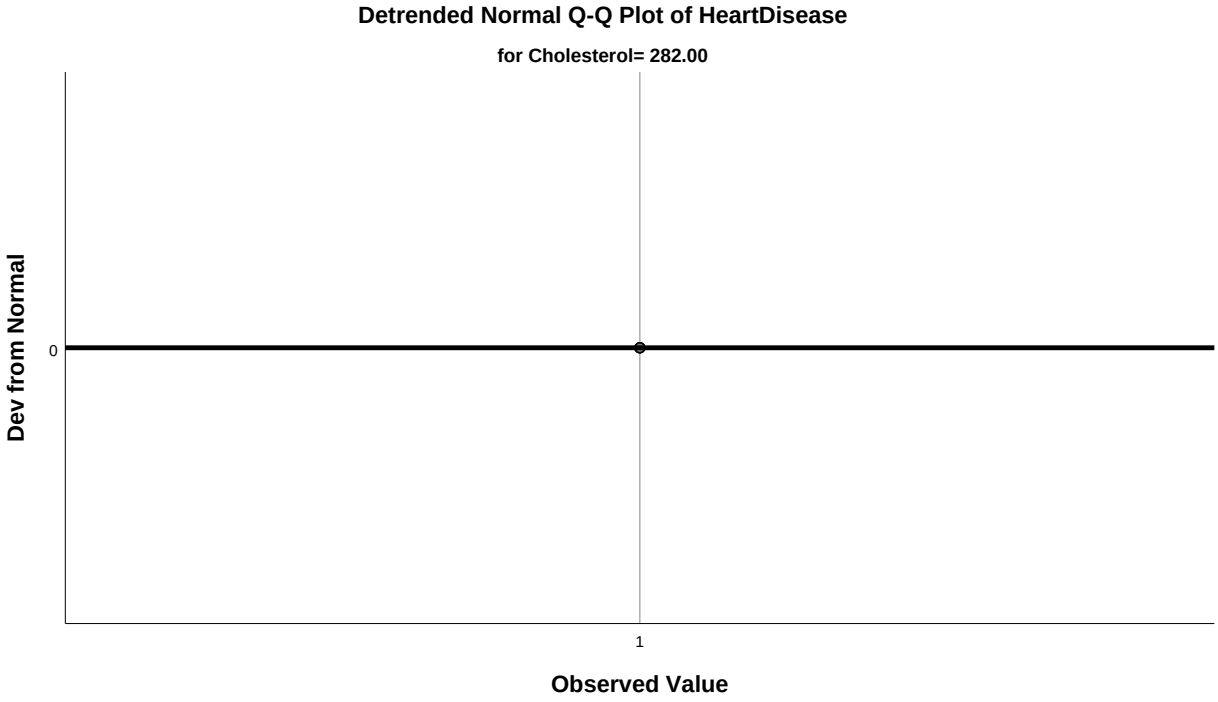

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 271.00
Dev from Normal
0
0
Observed Value

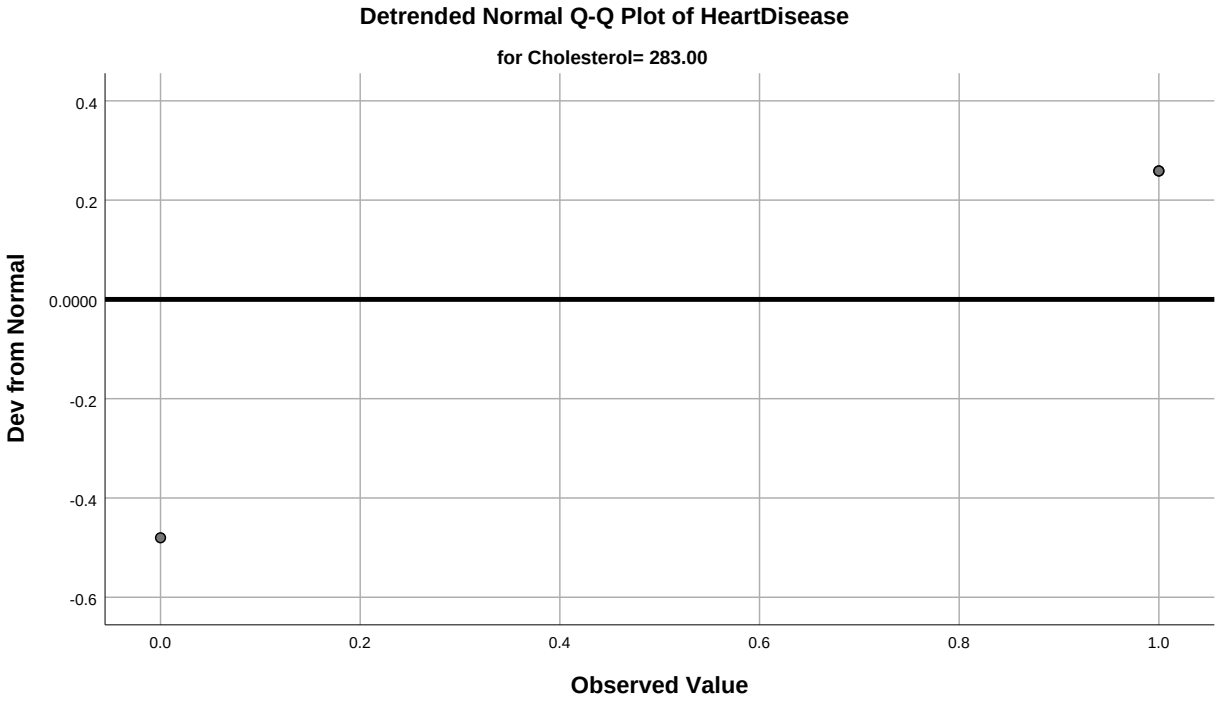

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 273.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

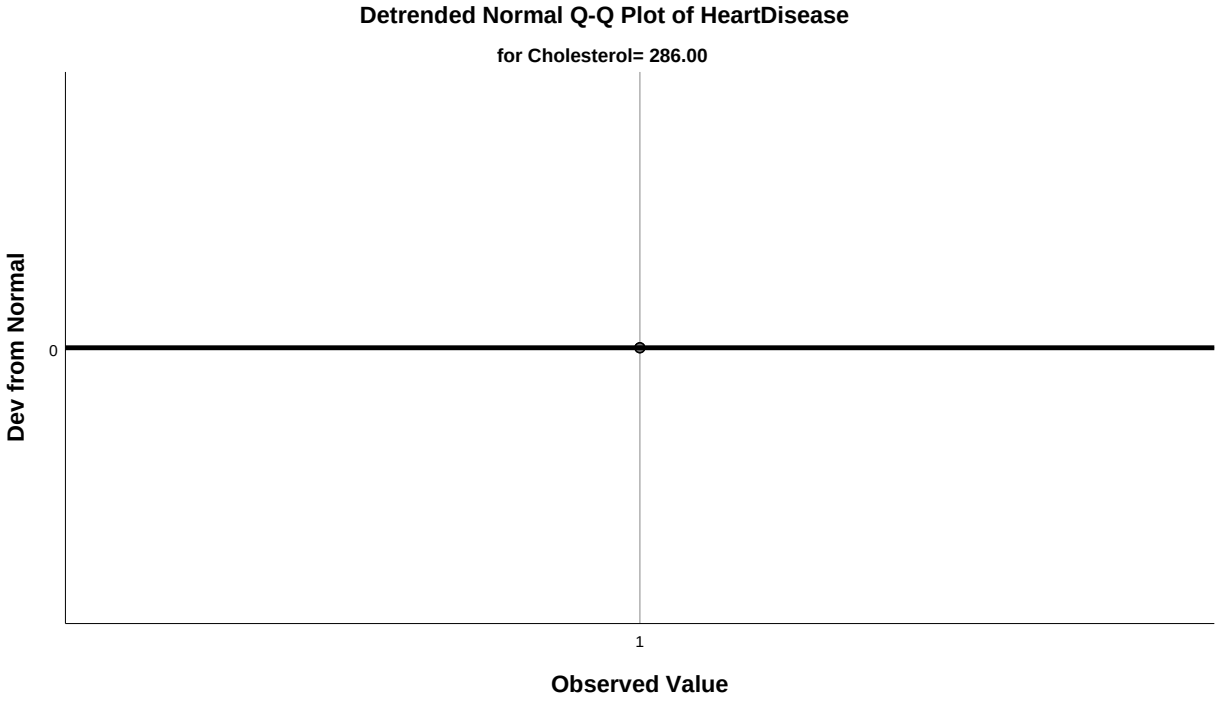

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 274.00
Dev from Normal
0
1
Observed Value

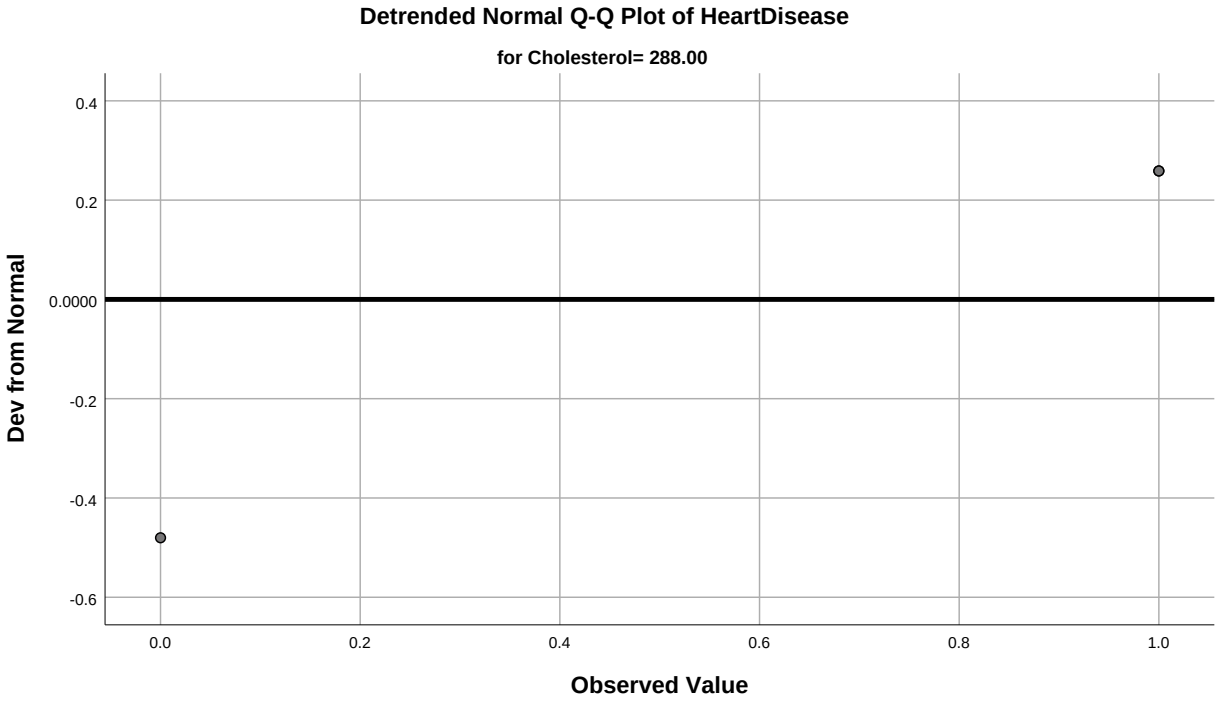

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 275.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

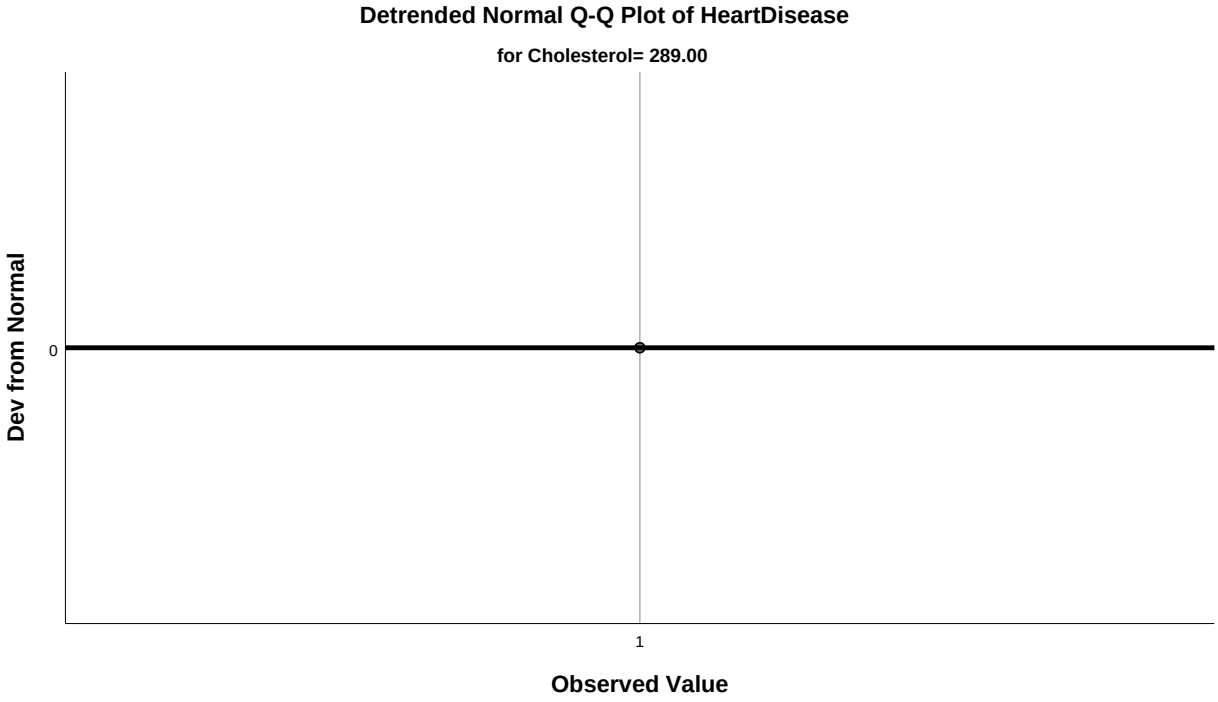

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 277.00
Dev from Normal
0
0
Observed Value

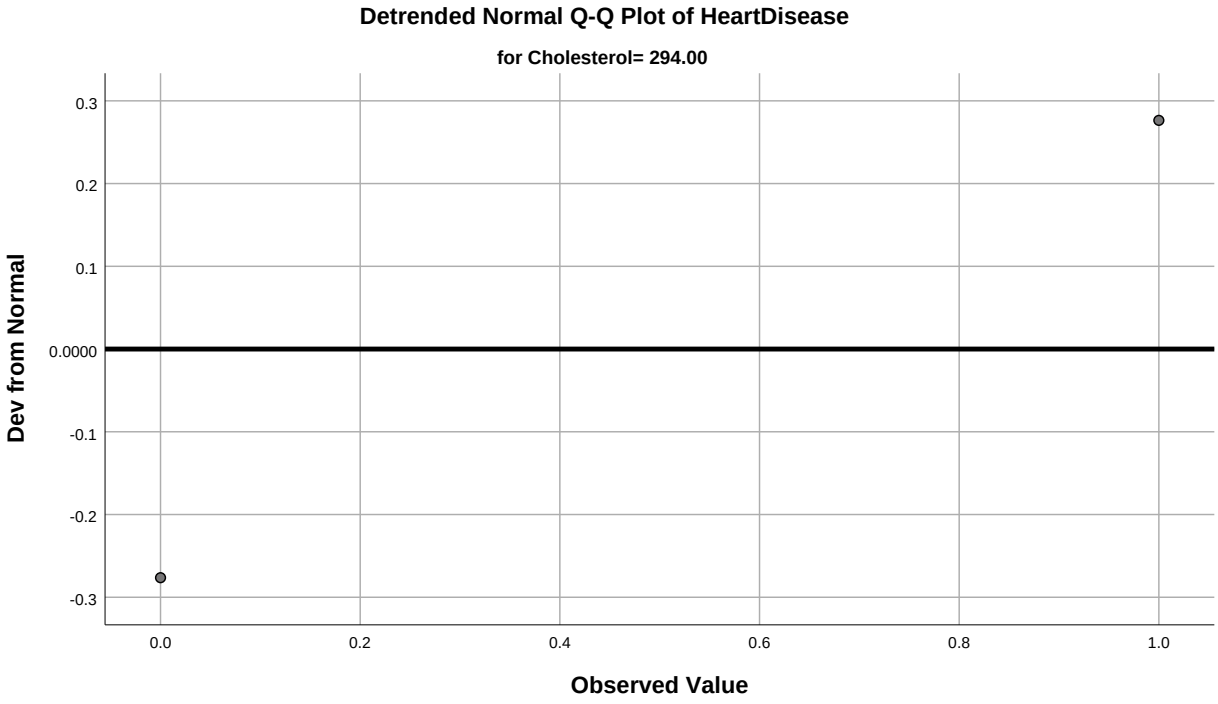

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 282.00
Dev from Normal
0
1
Observed Value

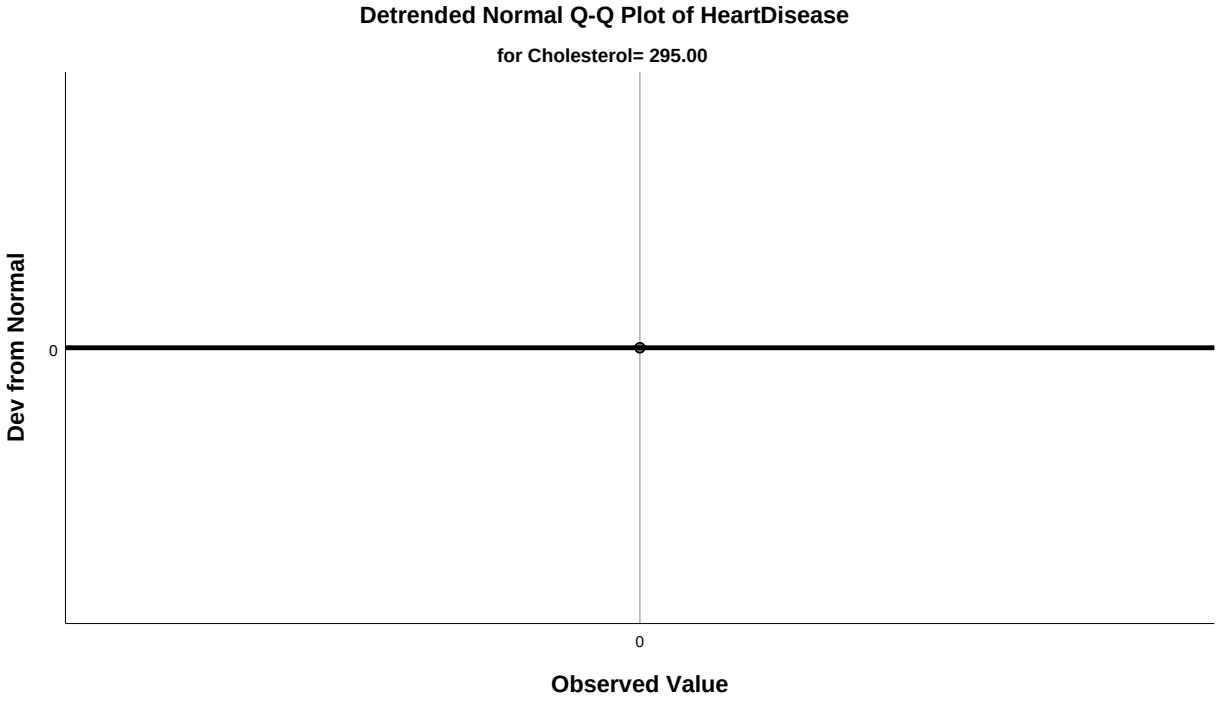

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 283.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

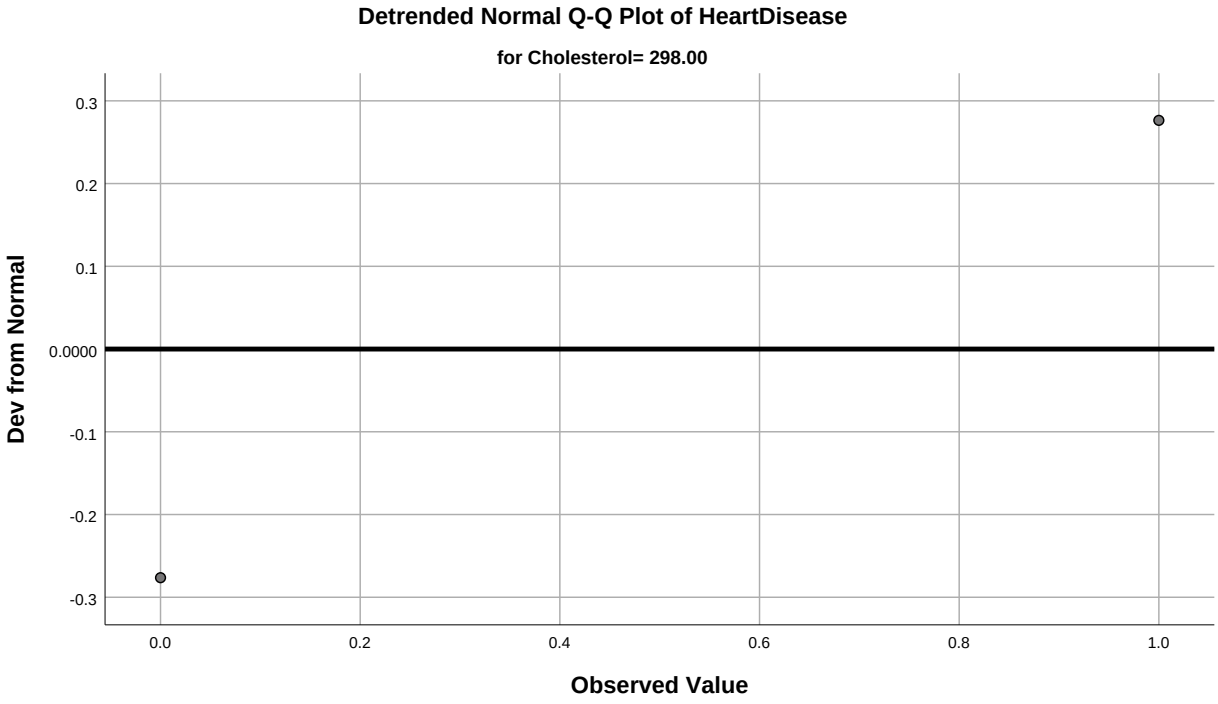

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 286.00
Dev from Normal
0
1
Observed Value

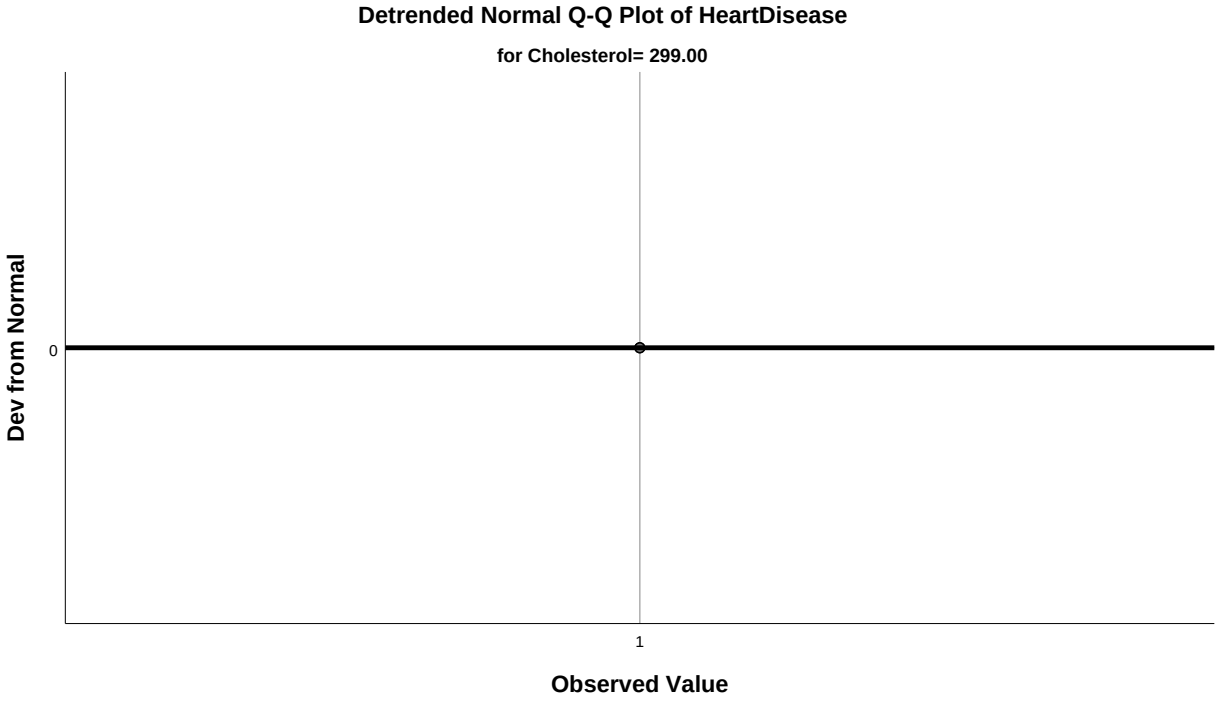

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 288.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

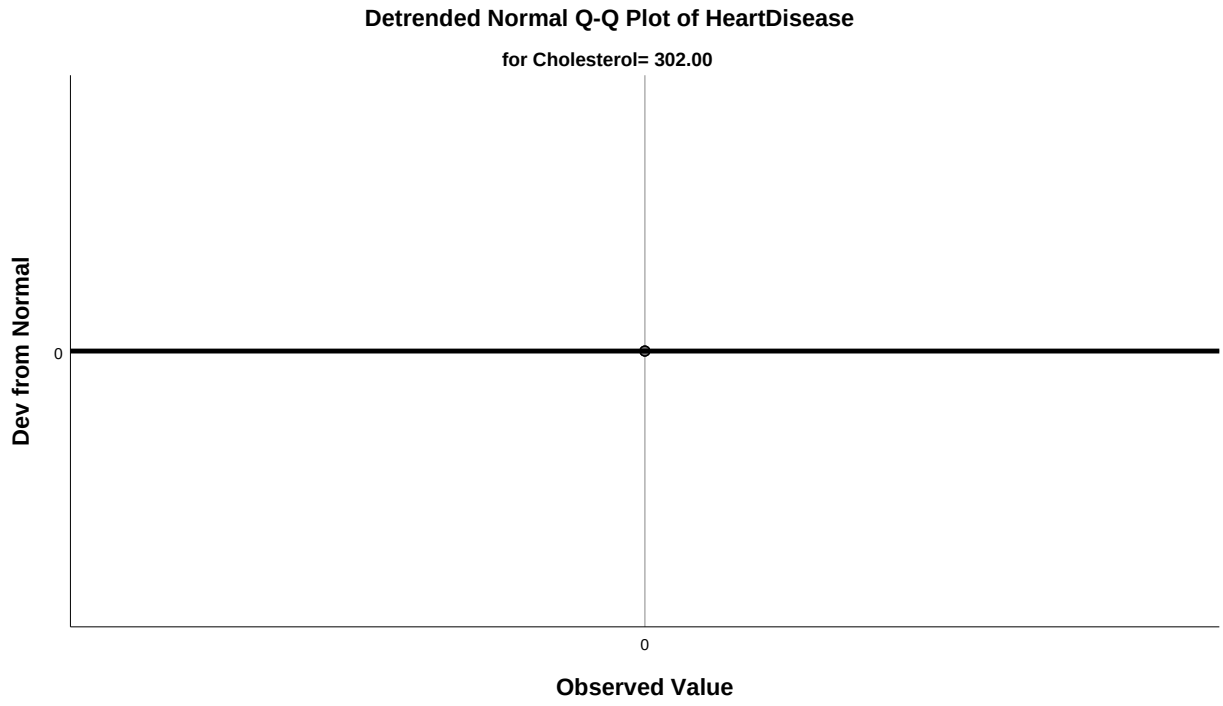

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 289.00
Dev from Normal
0
1
Observed Value

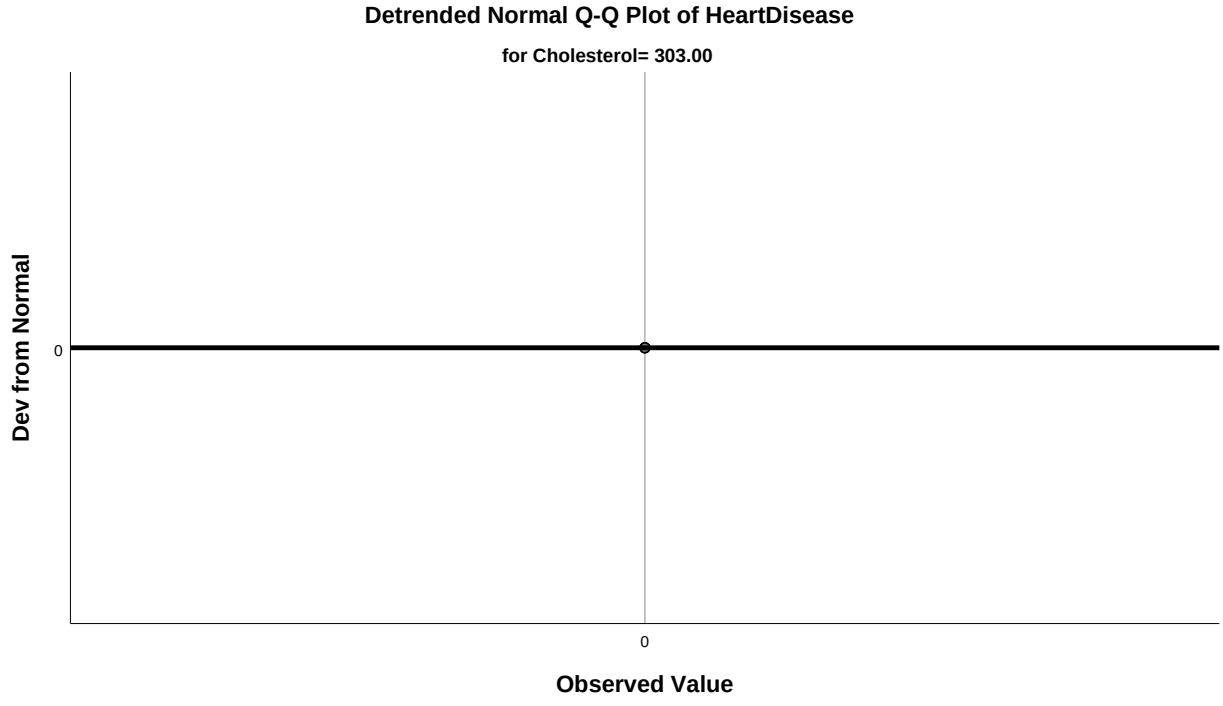

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 294.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

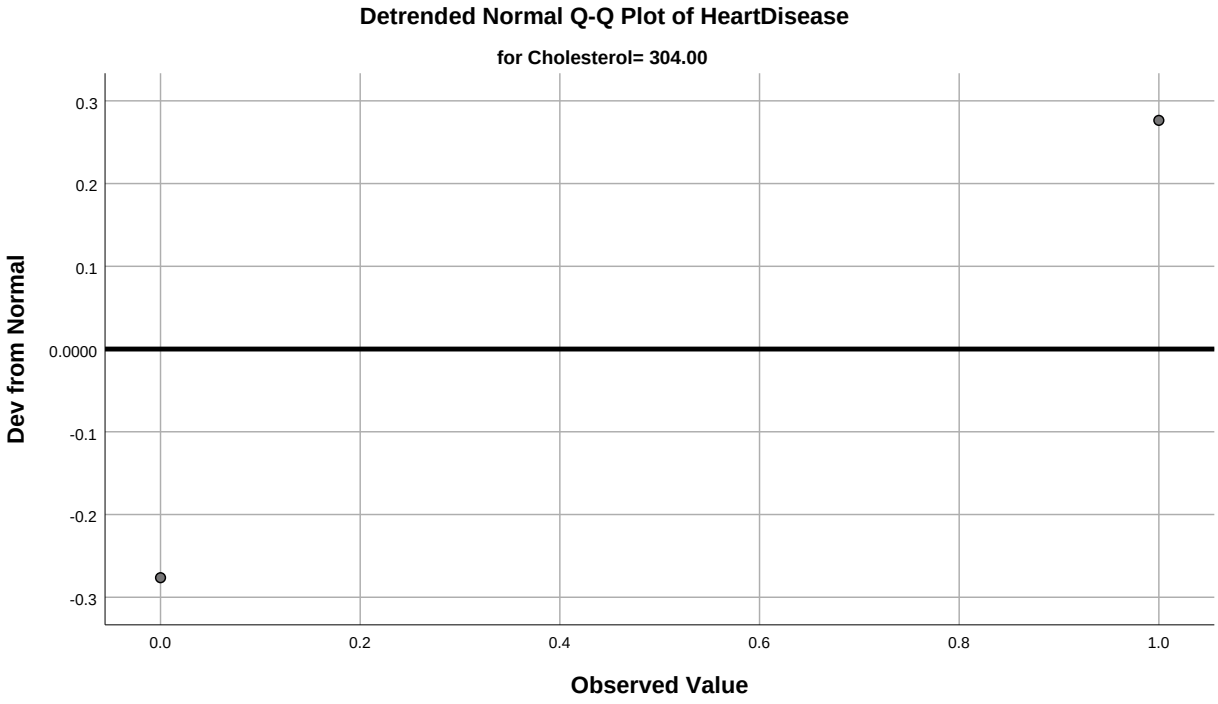

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 295.00
Dev from Normal
0
0
Observed Value

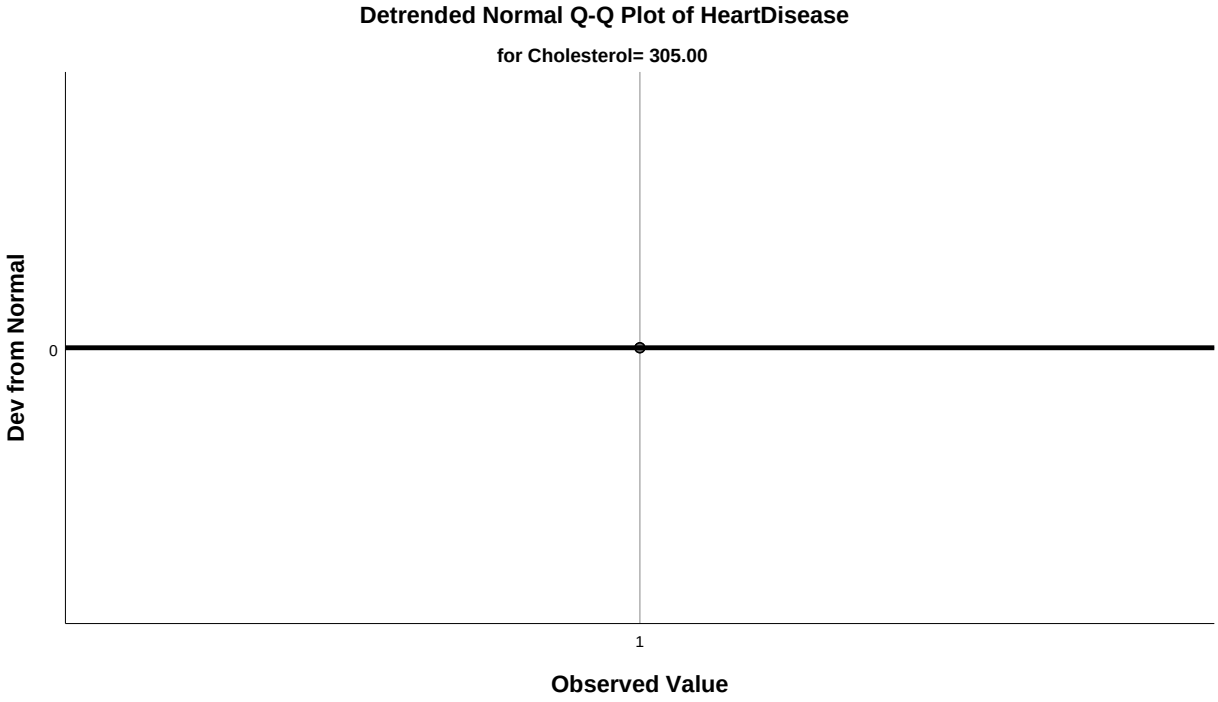

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 298.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

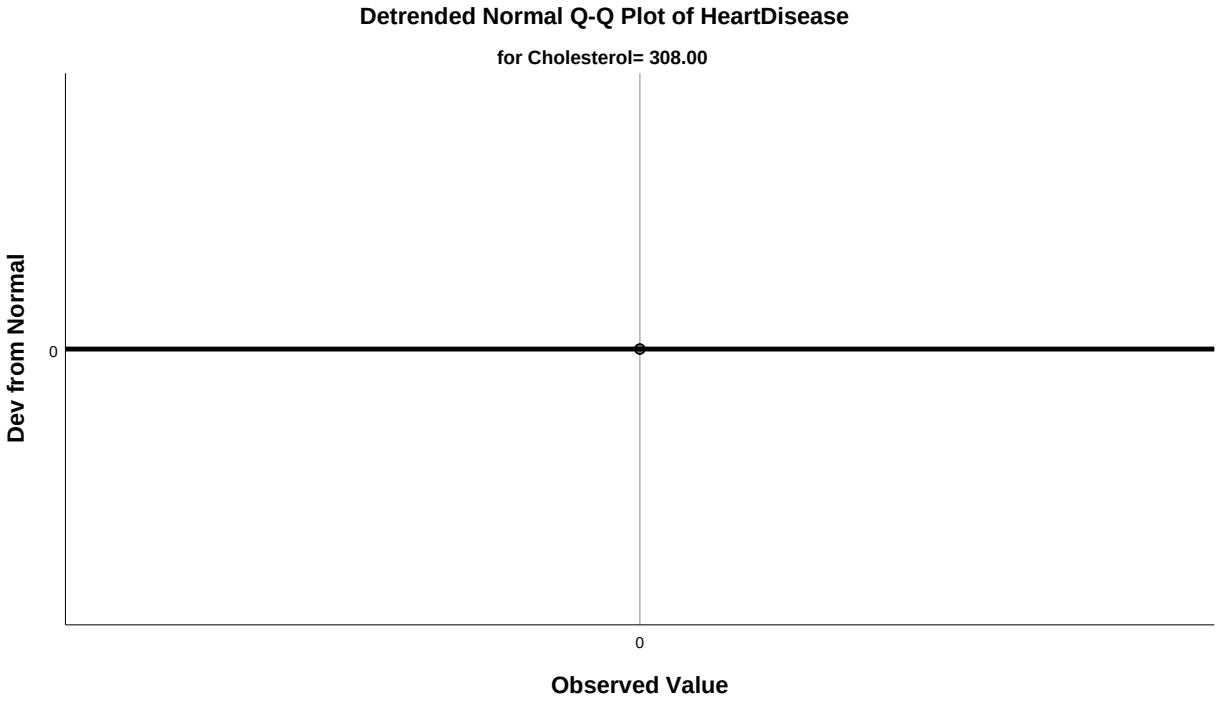

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 299.00
Dev from Normal
0
1
Observed Value

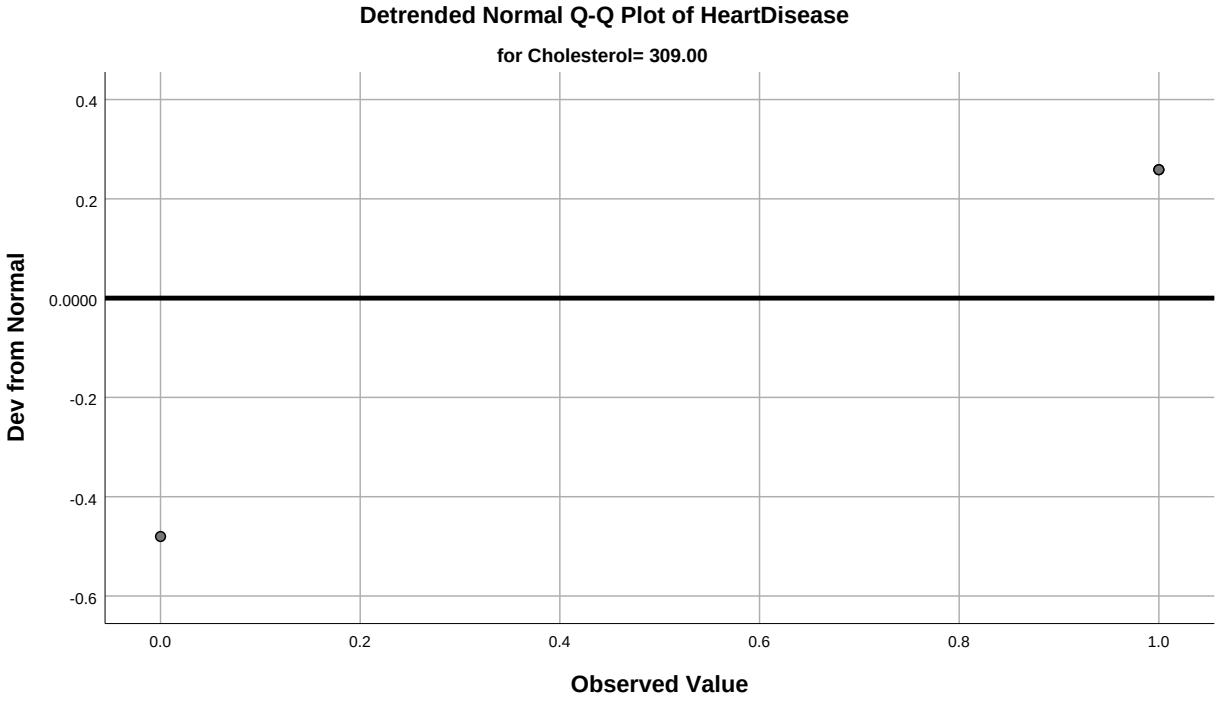

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 302.00
Dev from Normal
0
0
Observed Value

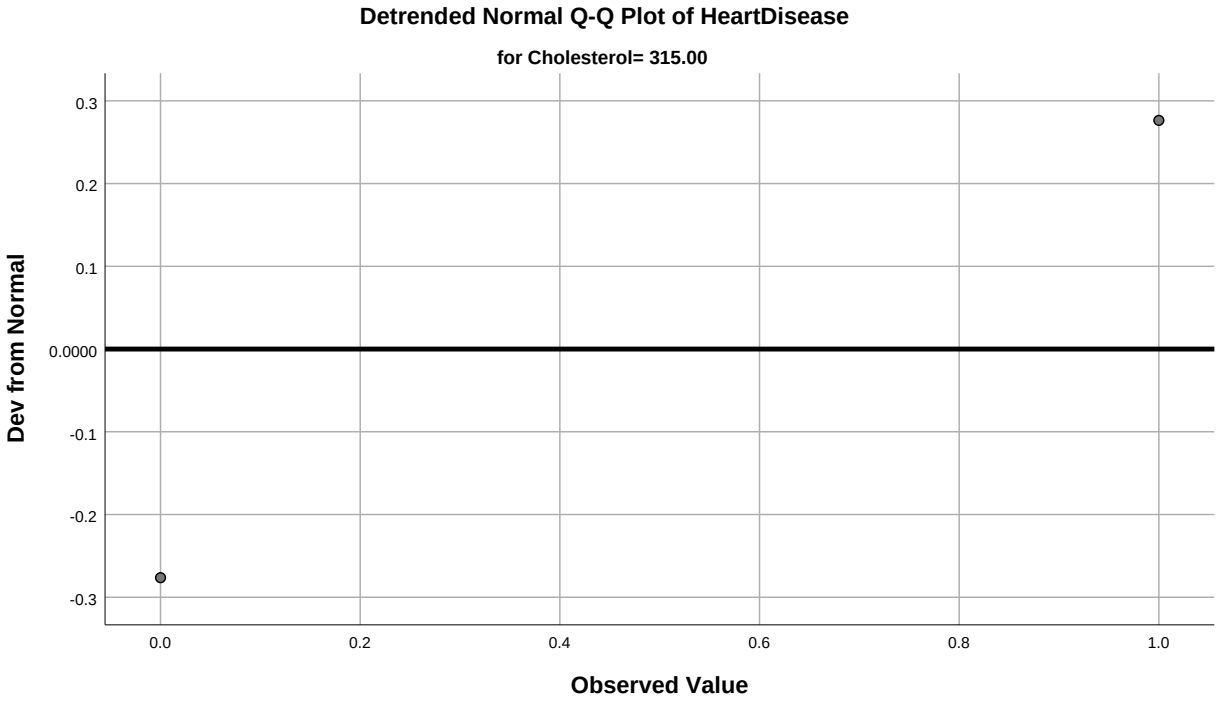

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 303.00
Dev from Normal
0
0
Observed Value

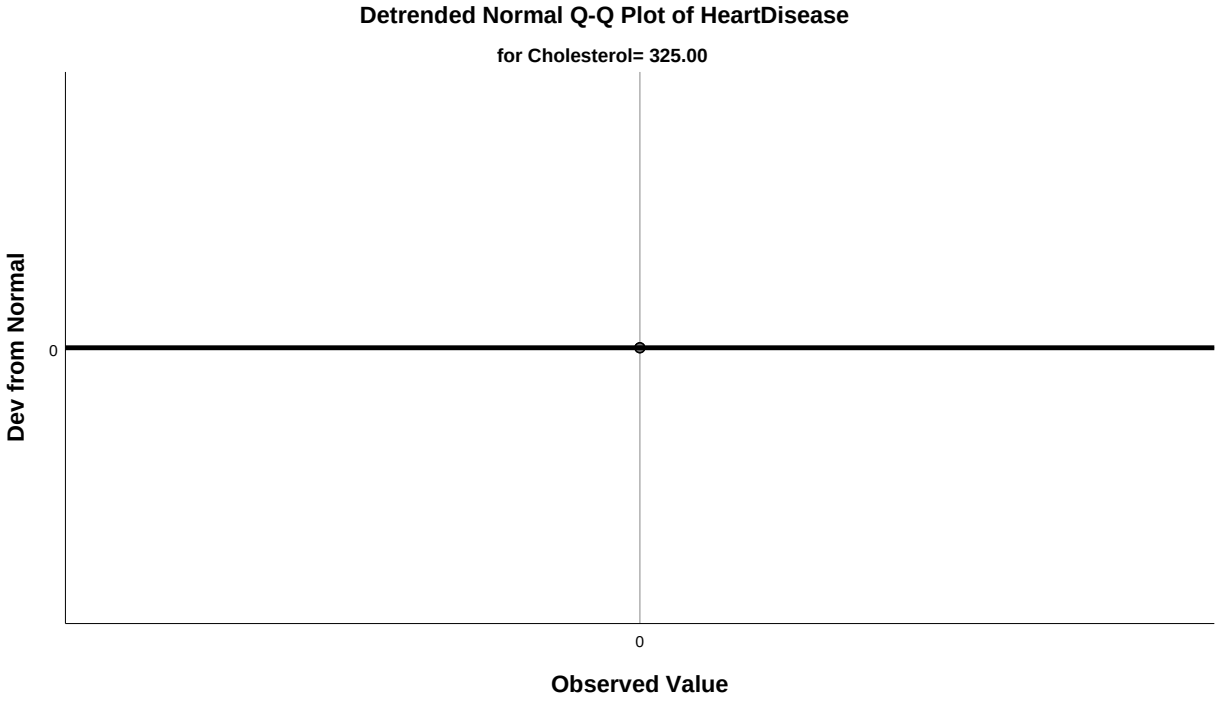

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 304.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

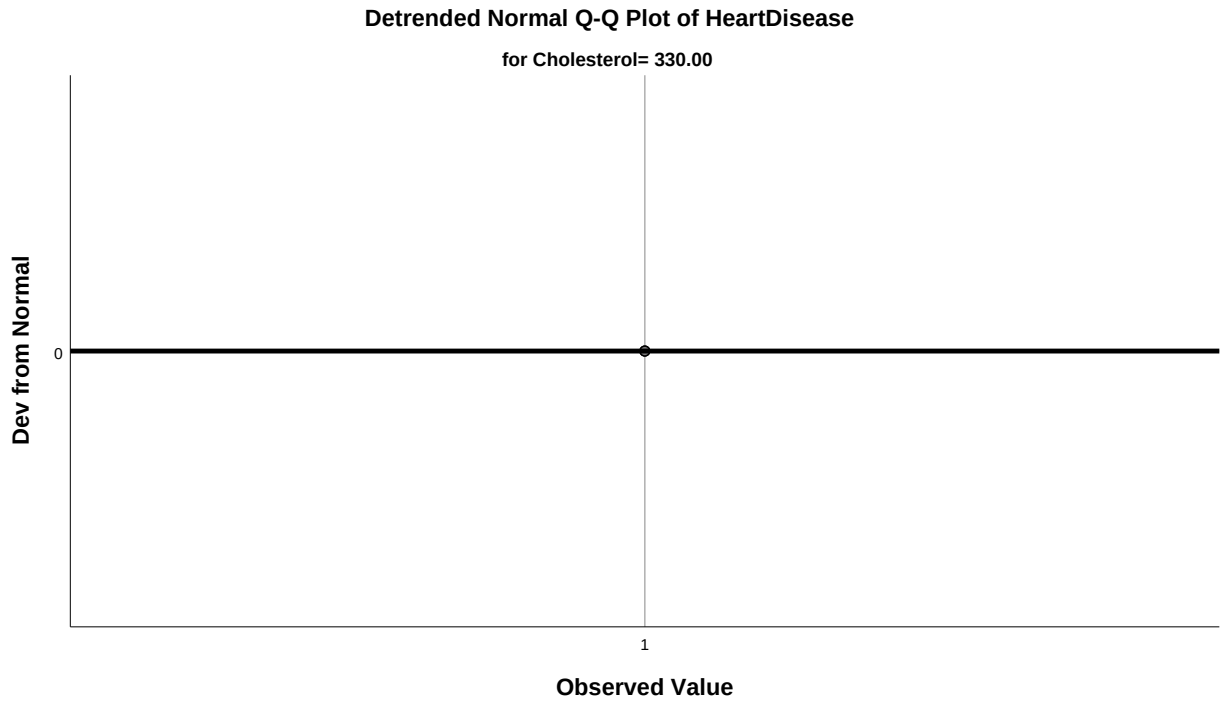

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 305.00
Dev from Normal
0
1
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 308.00
Dev from Normal
0
0
Observed Value

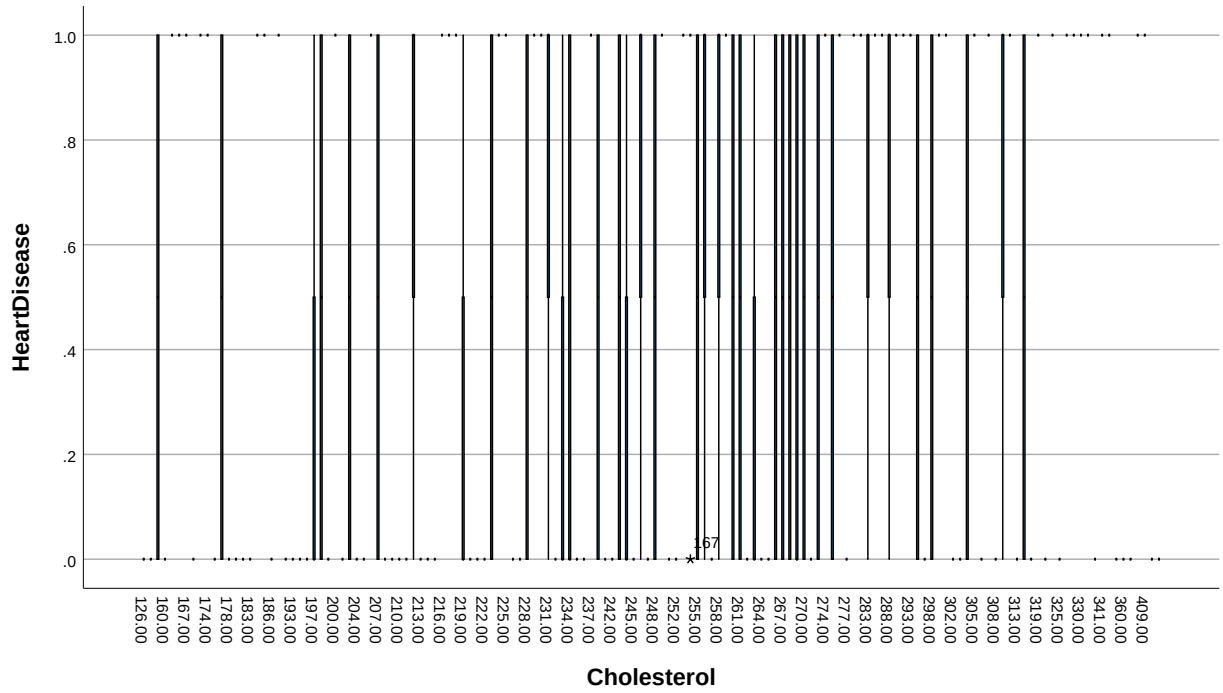

Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 309.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 315.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Cholesterol= 325.00
Dev from Normal
0
0
Observed Value



Boxplots



FBSOver120

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	FBSOver120	N	Percent	N	Percent	N	Percent
HeartDisease	.00	230	100.0%	0	0.0%	230	100.0%
	1.00	40	100.0%	0	0.0%	40	100.0%

Descriptives

	FBSOver120			Statistic	Std. Error
HeartDisease	.00	Mean		.45	.033
		95% Confidence Interval for Mean	Lower Bound	.38	
			Upper Bound	.51	
		5% Trimmed Mean		.44	
		Median		.00	
		Variance		.248	
		Std. Deviation		.498	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		.211	.160
		Kurtosis		-1.973	.320
	1.00	Mean		.43	.079
		95% Confidence Interval for Mean	Lower Bound	.26	
			Upper Bound	.59	
		5% Trimmed Mean		.42	
		Median		.00	
		Variance		.251	
		Std. Deviation		.501	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		.315	.374
		Kurtosis		-2.003	.733

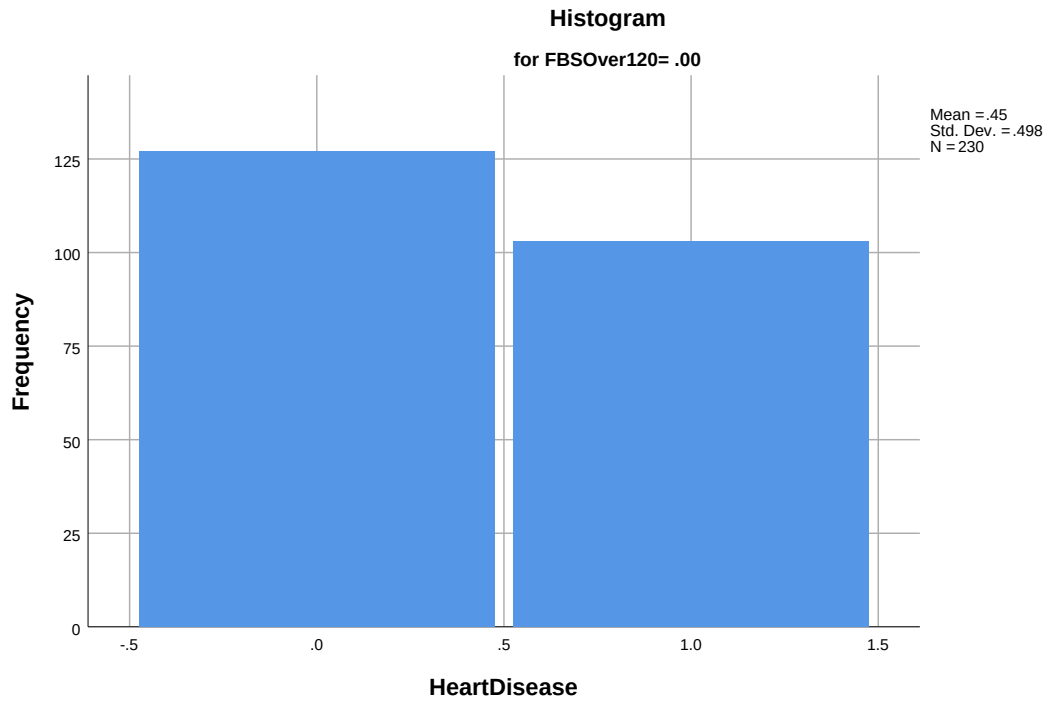
Tests of Normality

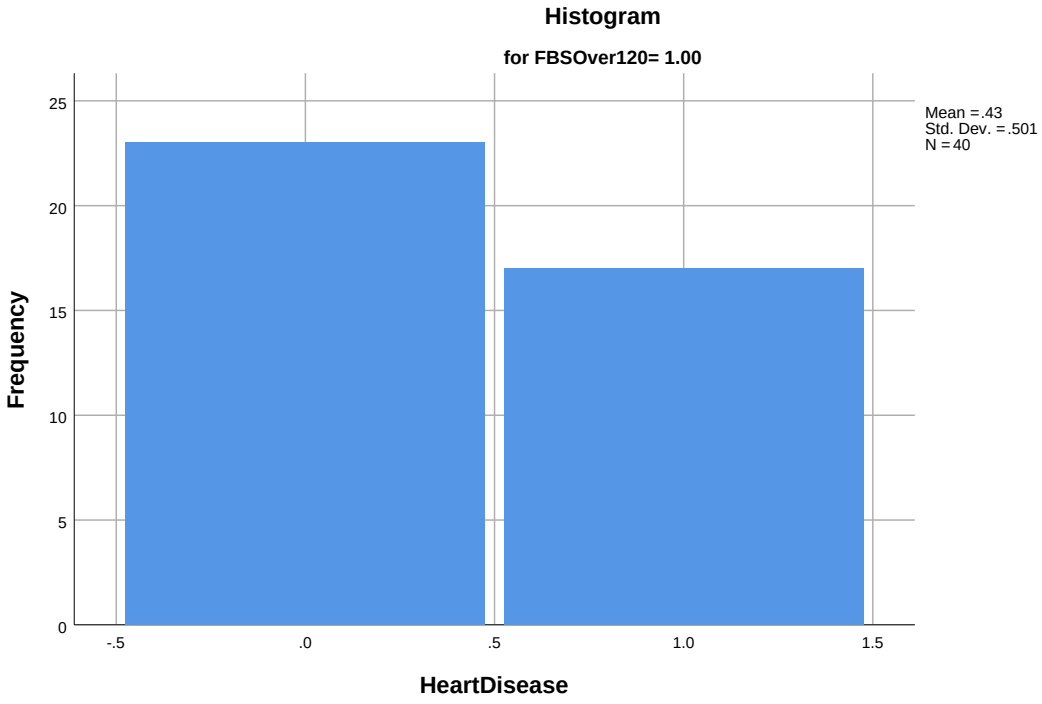
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	FBSOver120	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.368	230	.000	.632	230	.000
	1.00	.377	40	.000	.629	40	.000

a. Lilliefors Significance Correction

HeartDisease

Histograms





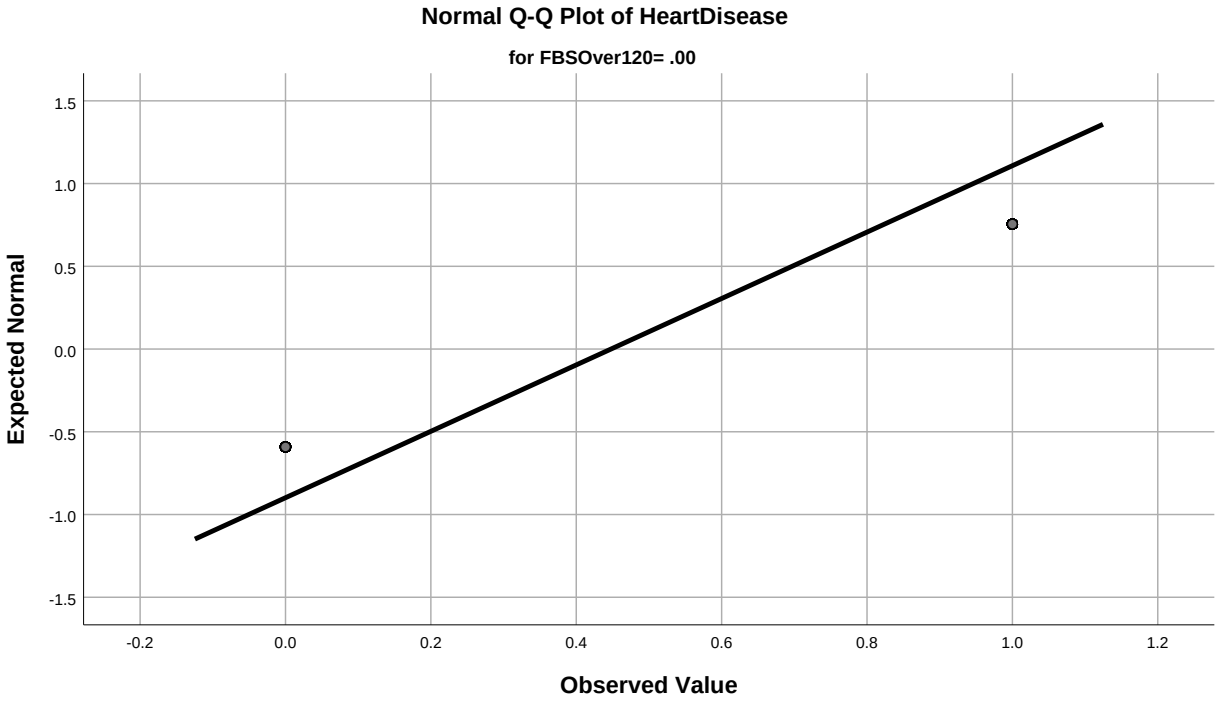
Stem-and-Leaf Plots

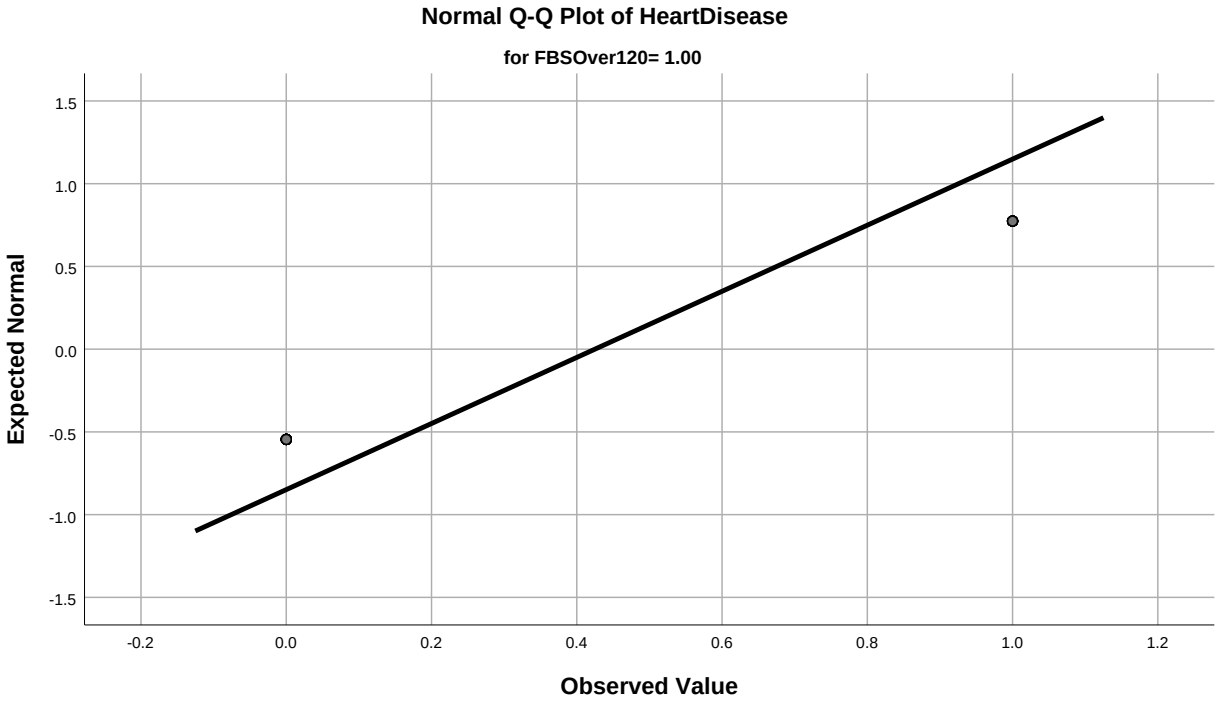
HeartDisease Stem-and-Leaf Plot for
FBSOver120= .00

```
 Frequency    Stem &  Leaf

   127.00        0 .  00000000000000000000000000000000000000000000000000000000000000
0000000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
   103.00       10 .  00000000000000000000000000000000000000000000000000000000000000

 Stem width:         0
 Each leaf:        2 case(s)
```

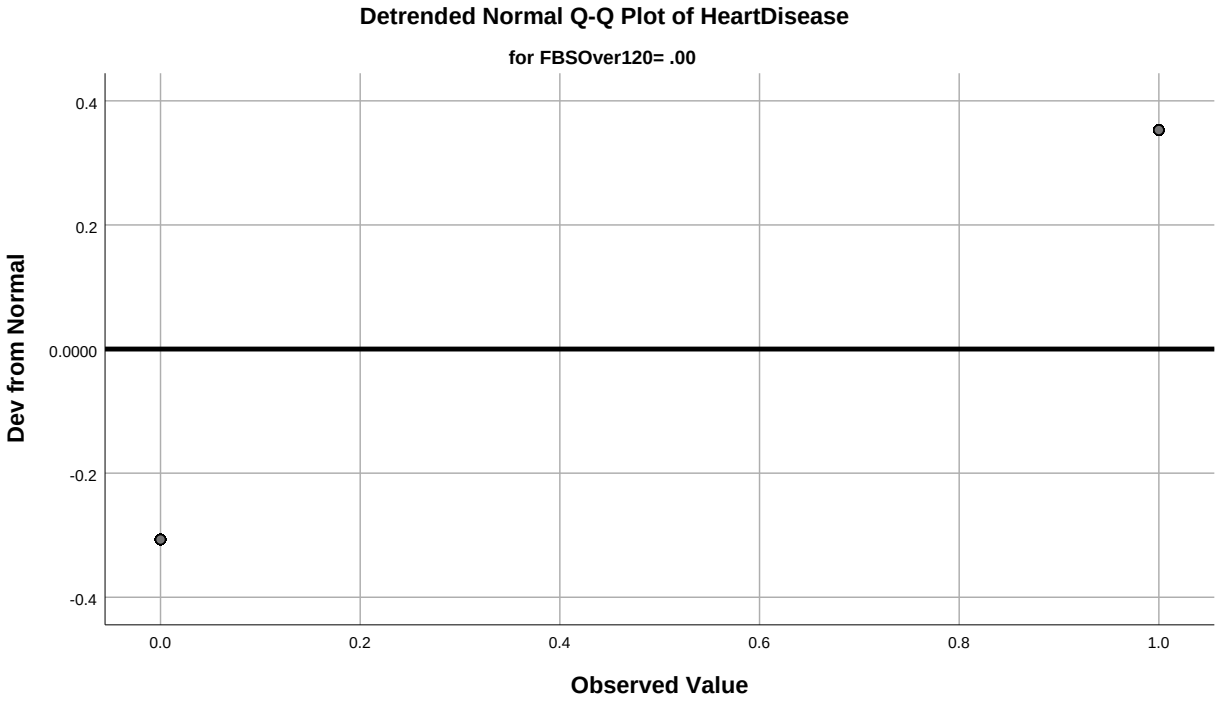
```
HeartDisease Stem-and-Leaf Plot for
FBSOver120= 1.00

 Frequency    Stem &  Leaf

    23.00        0 .  00000000000000000000000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
    17.00       10 .  00000000000000000

 Stem width:         0
 Each leaf:        1 case(s)
```

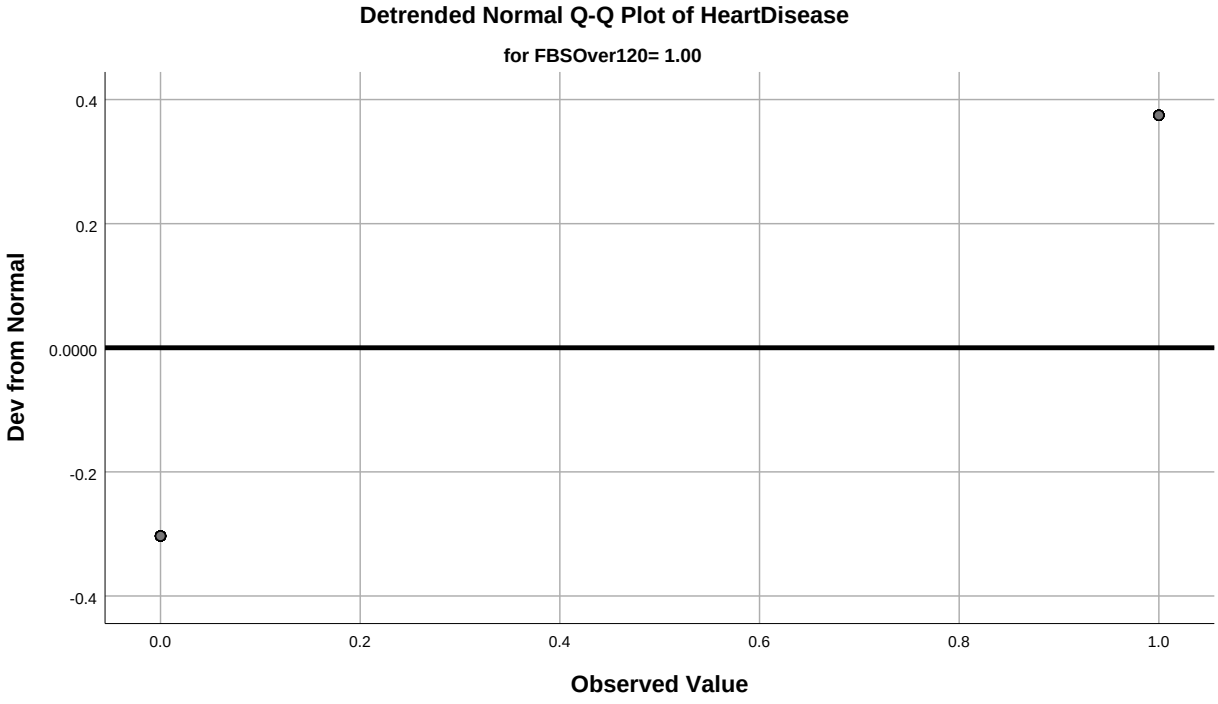
Normal Q-Q Plots



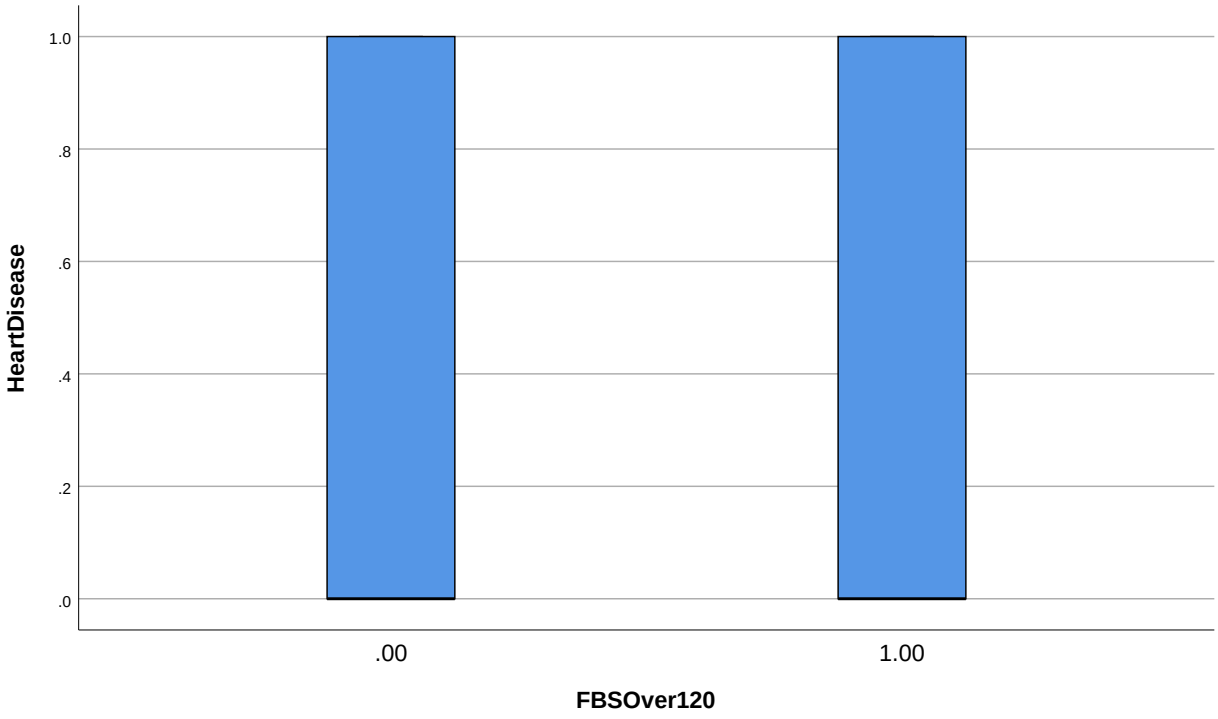


Detrended Normal Q-Q Plots


Detrended Normal Q-Q Plot of HeartDisease
for FBSOver120= .00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for FBSOver120= 1.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots



EKGResults

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	EKGResults	N	Percent	N	Percent	N	Percent
HeartDisease	.00	131	100.0%	0	0.0%	131	100.0%
	1.00	2	100.0%	0	0.0%	2	100.0%
	2.00	137	100.0%	0	0.0%	137	100.0%

Descriptives

	EKGResults			Statistic	Std. Error
HeartDisease	.00	Mean		.35	.042
		95% Confidence Interval for Mean	Lower Bound	.27	
			Upper Bound	.43	
		5% Trimmed Mean		.33	
		Median		.00	
		Variance		.230	
		Std. Deviation		.479	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		.631	.212
		Kurtosis		-1.627	.420
	1.00	Mean		.50	.500
		95% Confidence Interval for Mean	Lower Bound	-5.85	
			Upper Bound	6.85	
		5% Trimmed Mean		.	
		Median		.50	
		Variance		.500	
		Std. Deviation		.707	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	2.00	Mean		.53	.043
		95% Confidence Interval for Mean	Lower Bound	.45	
			Upper Bound	.62	
		5% Trimmed Mean		.54	
		Median		1.00	
		Variance		.251	
		Std. Deviation		.501	
		Minimum		0	
		Maximum		1	

Descriptives

EKGResults		Statistic	Std. Error
	Range	1	
	Interquartile Range	1	
	Skewness	-.133	.207
	Kurtosis	-2.012	.411

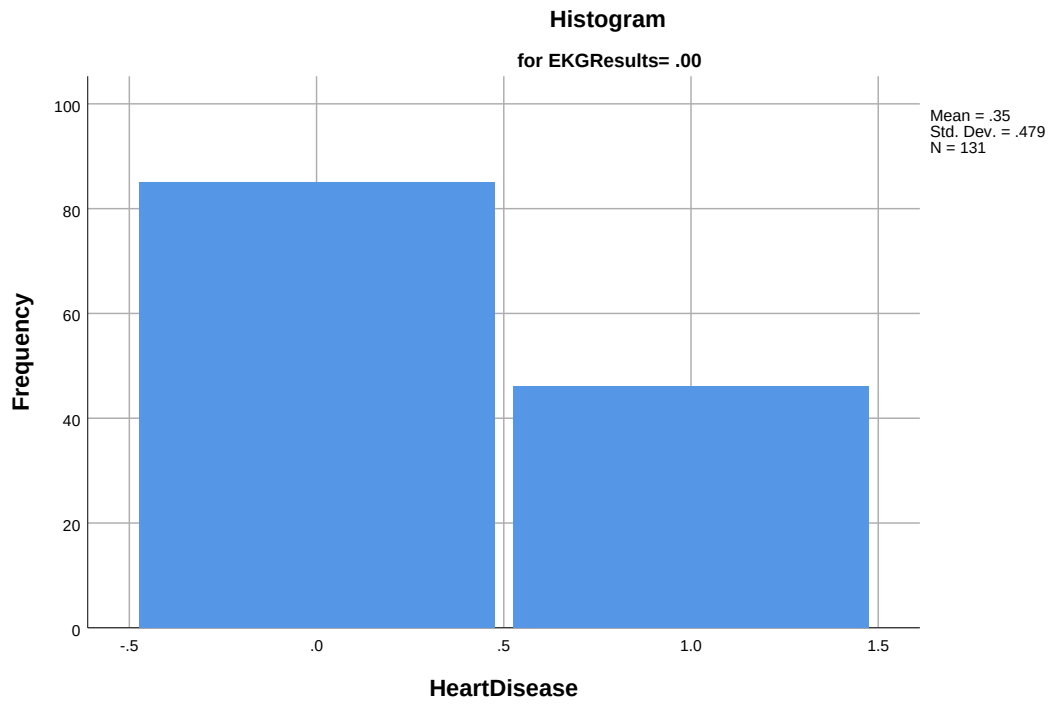
Tests of Normality

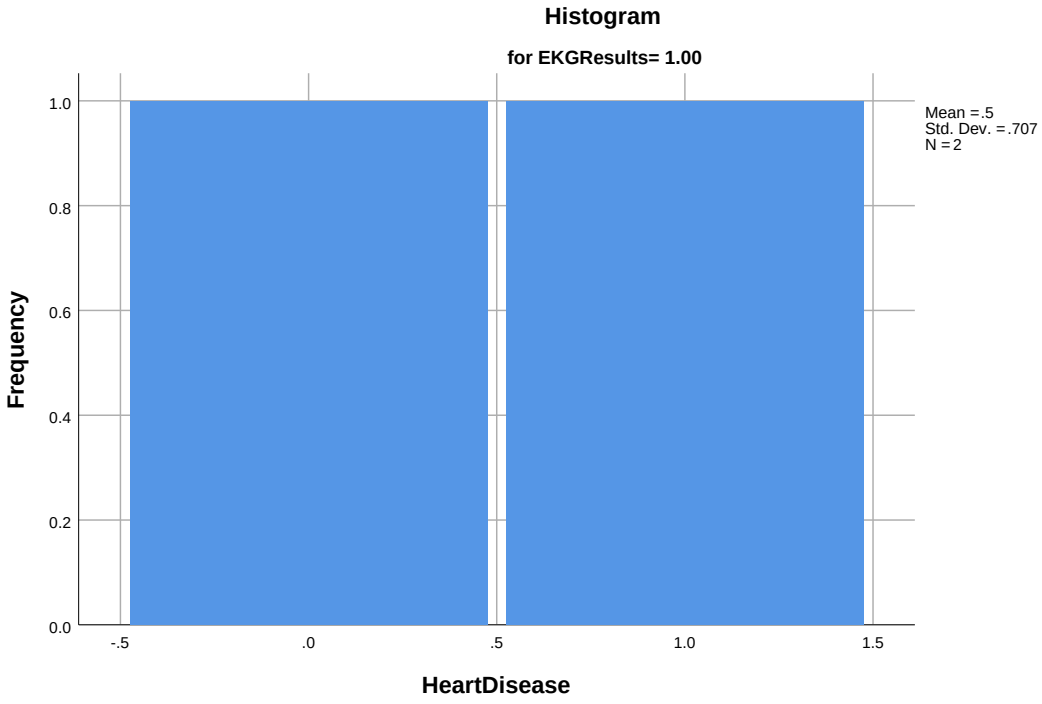
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	EKGResults	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.417	131	.000	.603	131	.000
	1.00	.260	2	.			
	2.00	.357	137	.000	.635	137	.000

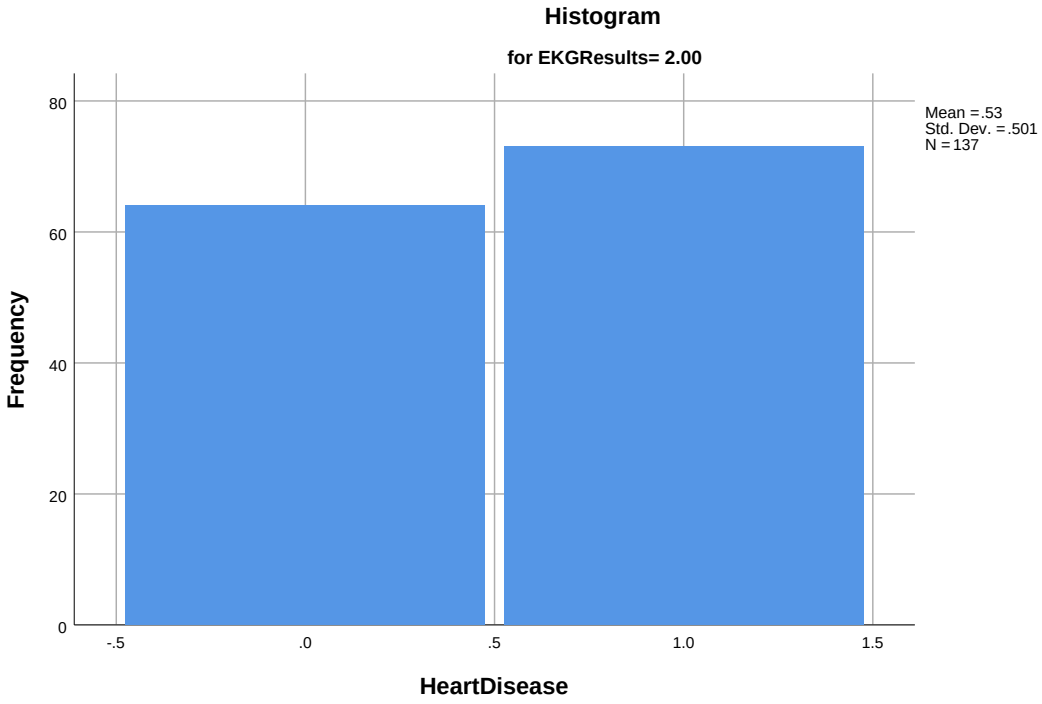
a. Lilliefors Significance Correction

HeartDisease

Histograms







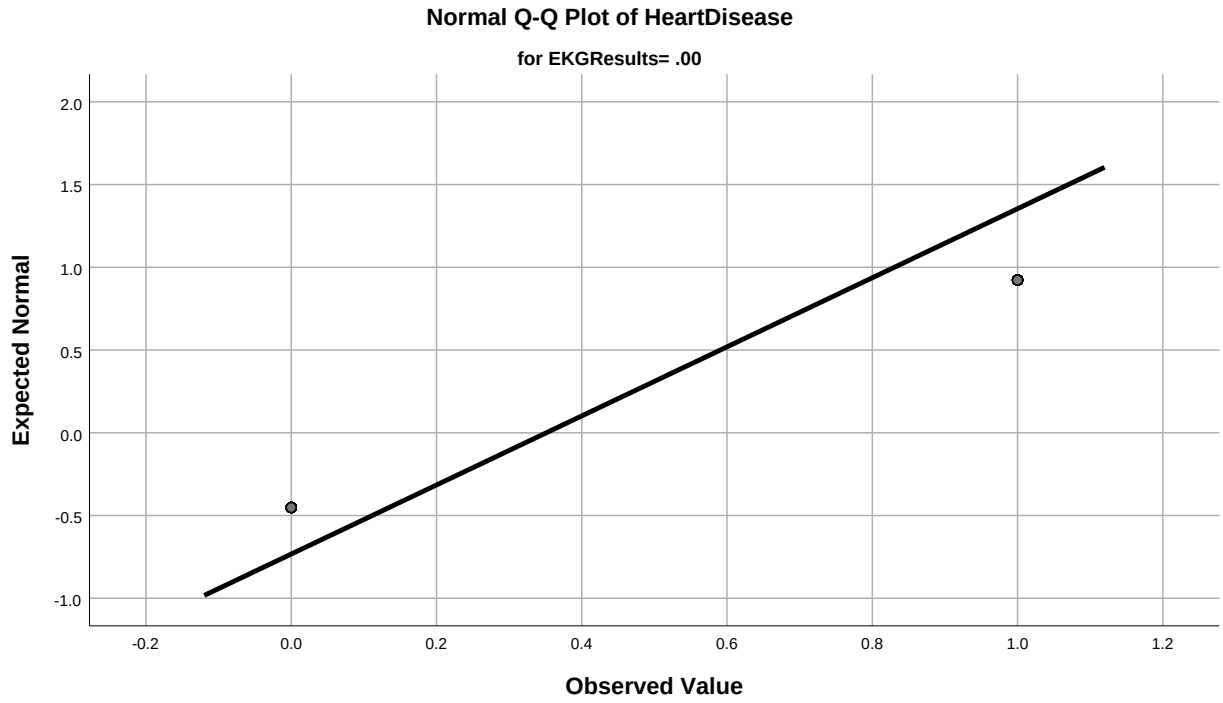
Stem-and-Leaf Plots

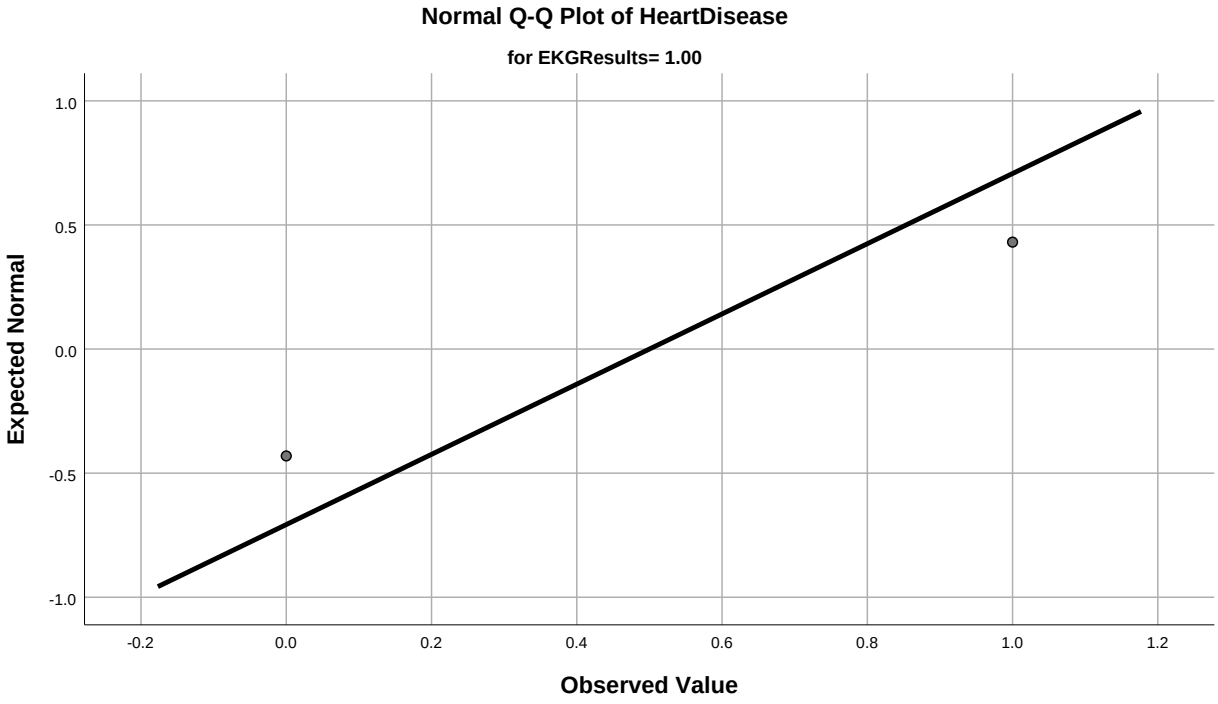
```
HeartDisease Stem-and-Leaf Plot for
EKGResults= .00
```

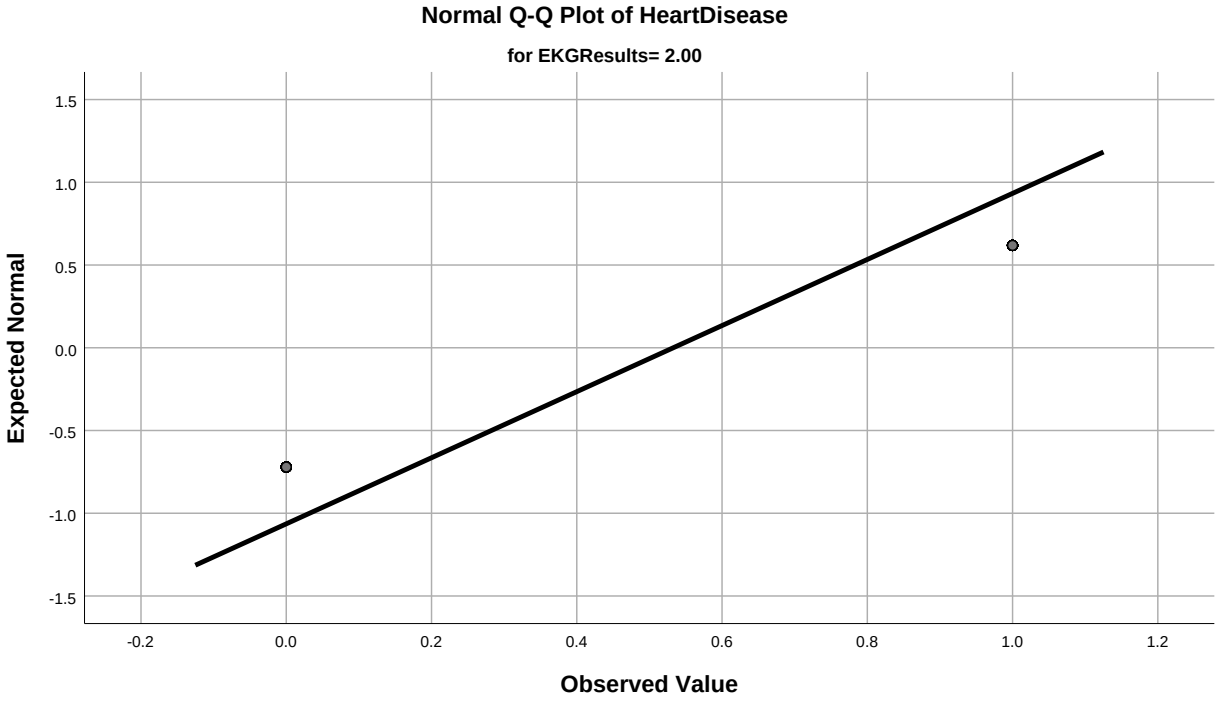
```
 Frequency    Stem &  Leaf

    85.00        0 .  00000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
    46.00       10 .  00000000000000000000000000000000000000000000000000

 Stem width:         0
 Each leaf:        1 case(s)



HeartDisease Stem-and-Leaf Plot for
EKGResults= 1.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
EKGResults= 2.00

 Frequency    Stem &  Leaf

    64.00        0 .  00000000000000000000000000000000000000000000000000000000
00000000
      .00        1 .
```

```
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
    73.00       10 .  00000000000000000000000000000000000000000000000000000000000000000
00000000000000000

 Stem width:         0
 Each leaf:        1 case(s)
```

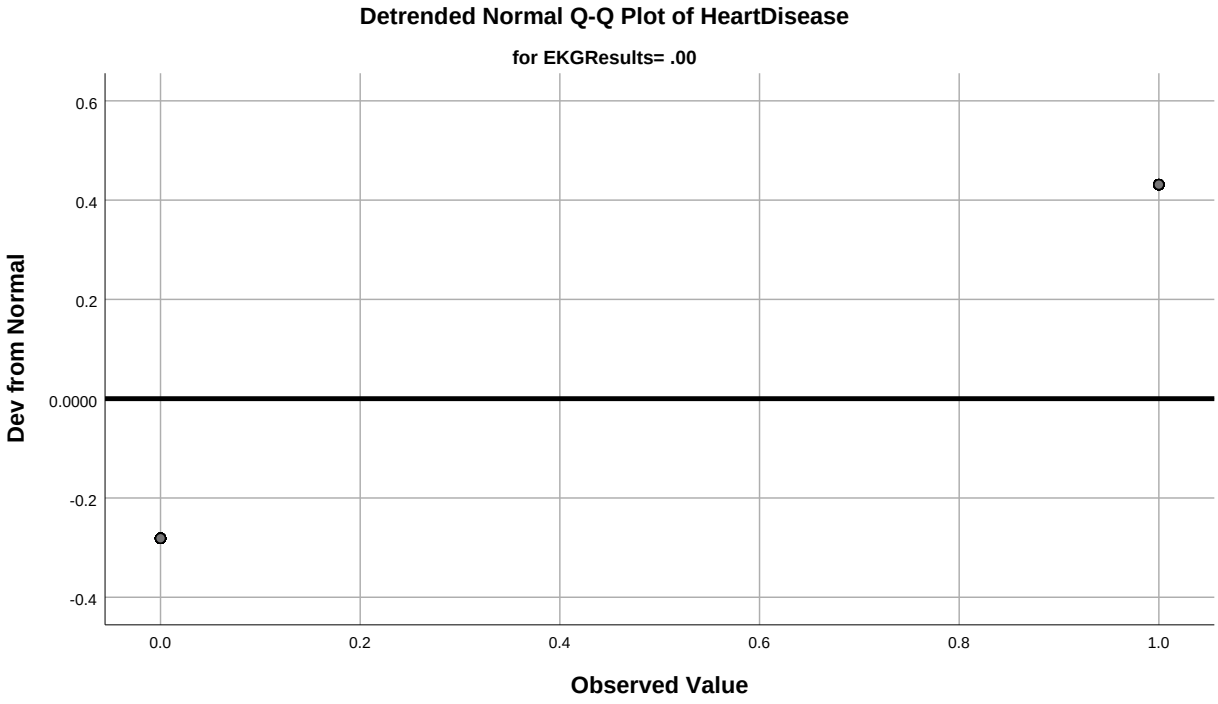
Normal Q-Q Plots

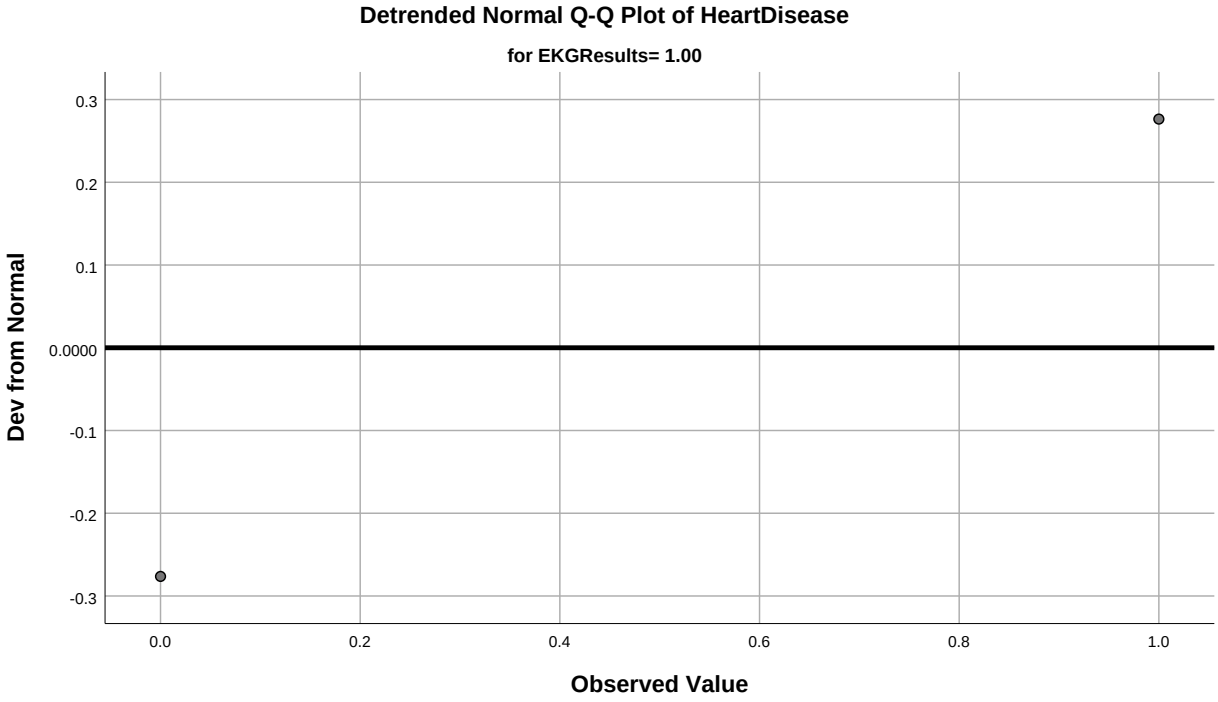


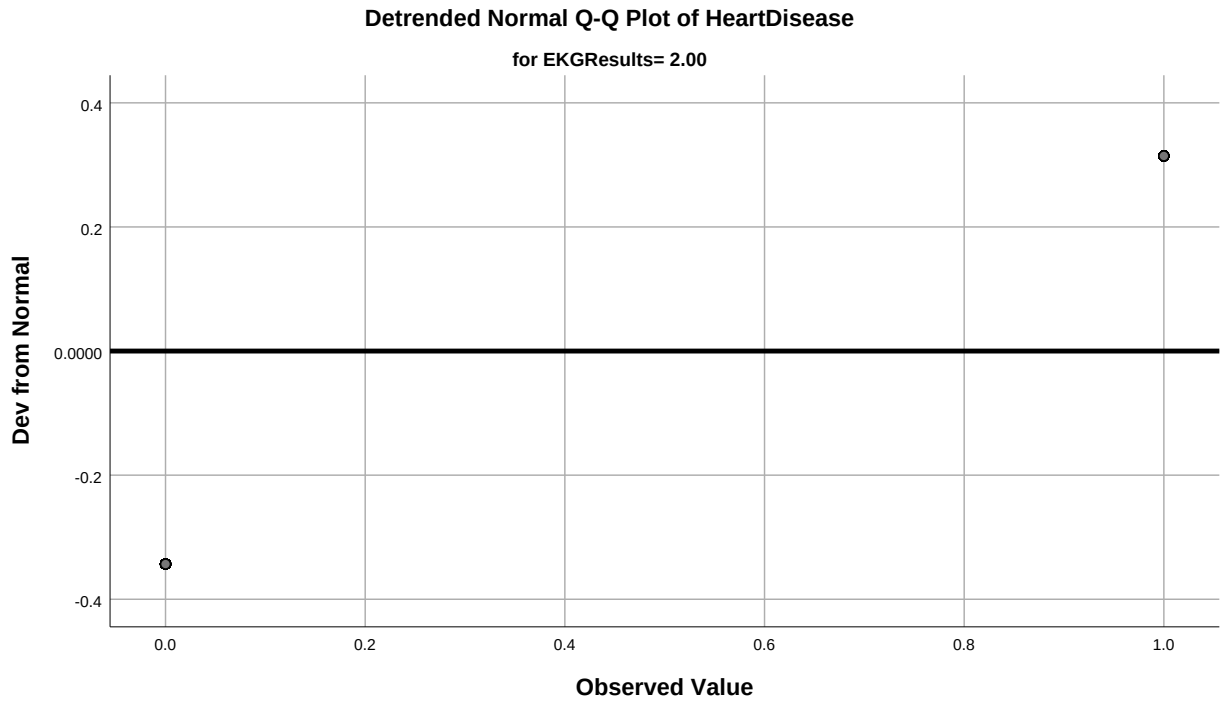




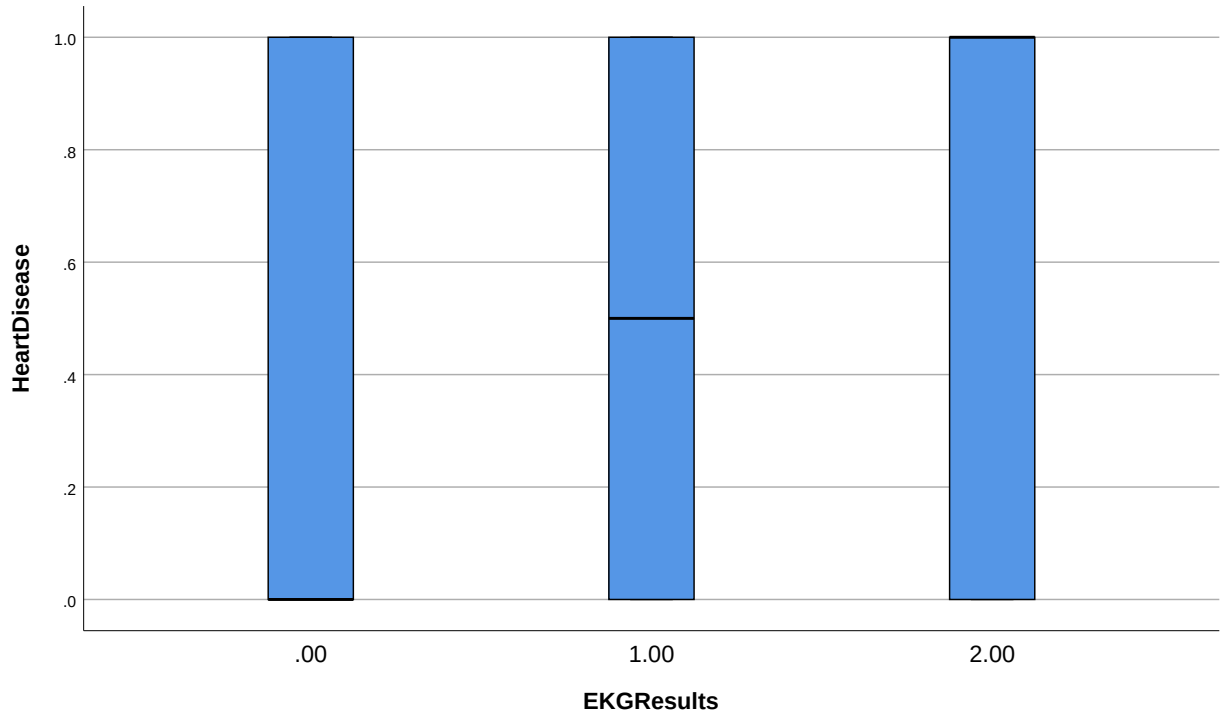
Detrended Normal Q-Q Plots


Detrended Normal Q-Q Plot of HeartDisease
for EKGResults= .00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for EKGResults= 1.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value



Boxplots



MaxHR

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	MaxHR	N	Percent	N	Percent	N	Percent
HeartDisease	71.00	1	100.0%	0	0.0%	1	100.0%
	88.00	1	100.0%	0	0.0%	1	100.0%
	95.00	1	100.0%	0	0.0%	1	100.0%
	96.00	2	100.0%	0	0.0%	2	100.0%
	97.00	1	100.0%	0	0.0%	1	100.0%
	99.00	1	100.0%	0	0.0%	1	100.0%
	103.00	2	100.0%	0	0.0%	2	100.0%
	105.00	3	100.0%	0	0.0%	3	100.0%
	106.00	1	100.0%	0	0.0%	1	100.0%
	108.00	2	100.0%	0	0.0%	2	100.0%
	109.00	2	100.0%	0	0.0%	2	100.0%
	111.00	3	100.0%	0	0.0%	3	100.0%
	112.00	2	100.0%	0	0.0%	2	100.0%
	113.00	1	100.0%	0	0.0%	1	100.0%
	114.00	3	100.0%	0	0.0%	3	100.0%
	115.00	1	100.0%	0	0.0%	1	100.0%
	116.00	2	100.0%	0	0.0%	2	100.0%
	117.00	1	100.0%	0	0.0%	1	100.0%
	118.00	1	100.0%	0	0.0%	1	100.0%
	120.00	3	100.0%	0	0.0%	3	100.0%
	121.00	1	100.0%	0	0.0%	1	100.0%
	122.00	4	100.0%	0	0.0%	4	100.0%
	123.00	1	100.0%	0	0.0%	1	100.0%
	124.00	1	100.0%	0	0.0%	1	100.0%
	125.00	7	100.0%	0	0.0%	7	100.0%
	126.00	4	100.0%	0	0.0%	4	100.0%
	127.00	1	100.0%	0	0.0%	1	100.0%
	128.00	1	100.0%	0	0.0%	1	100.0%
	129.00	1	100.0%	0	0.0%	1	100.0%
	130.00	3	100.0%	0	0.0%	3	100.0%
	131.00	3	100.0%	0	0.0%	3	100.0%
	132.00	6	100.0%	0	0.0%	6	100.0%
	133.00	2	100.0%	0	0.0%	2	100.0%

Case Processing Summary

	Cases					
	Valid		Missing		Total	
MaxHR	N	Percent	N	Percent	N	Percent
134.00	1	100.0%	0	0.0%	1	100.0%
136.00	1	100.0%	0	0.0%	1	100.0%
137.00	1	100.0%	0	0.0%	1	100.0%
138.00	3	100.0%	0	0.0%	3	100.0%
139.00	2	100.0%	0	0.0%	2	100.0%
140.00	5	100.0%	0	0.0%	5	100.0%
141.00	2	100.0%	0	0.0%	2	100.0%
142.00	6	100.0%	0	0.0%	6	100.0%
143.00	5	100.0%	0	0.0%	5	100.0%
144.00	4	100.0%	0	0.0%	4	100.0%
145.00	4	100.0%	0	0.0%	4	100.0%
146.00	3	100.0%	0	0.0%	3	100.0%
147.00	5	100.0%	0	0.0%	5	100.0%
148.00	3	100.0%	0	0.0%	3	100.0%
149.00	2	100.0%	0	0.0%	2	100.0%
150.00	6	100.0%	0	0.0%	6	100.0%
151.00	4	100.0%	0	0.0%	4	100.0%
152.00	6	100.0%	0	0.0%	6	100.0%
153.00	3	100.0%	0	0.0%	3	100.0%
154.00	5	100.0%	0	0.0%	5	100.0%
155.00	3	100.0%	0	0.0%	3	100.0%
156.00	5	100.0%	0	0.0%	5	100.0%
157.00	5	100.0%	0	0.0%	5	100.0%
158.00	6	100.0%	0	0.0%	6	100.0%
159.00	4	100.0%	0	0.0%	4	100.0%
160.00	9	100.0%	0	0.0%	9	100.0%
161.00	5	100.0%	0	0.0%	5	100.0%
162.00	10	100.0%	0	0.0%	10	100.0%
163.00	8	100.0%	0	0.0%	8	100.0%
164.00	1	100.0%	0	0.0%	1	100.0%
165.00	5	100.0%	0	0.0%	5	100.0%
166.00	2	100.0%	0	0.0%	2	100.0%
167.00	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	MaxHR	N	Percent	N	Percent	N	Percent
	168.00	5	100.0%	0	0.0%	5	100.0%
	169.00	4	100.0%	0	0.0%	4	100.0%
	170.00	5	100.0%	0	0.0%	5	100.0%
	171.00	4	100.0%	0	0.0%	4	100.0%
	172.00	7	100.0%	0	0.0%	7	100.0%
	173.00	6	100.0%	0	0.0%	6	100.0%
	174.00	3	100.0%	0	0.0%	3	100.0%
	175.00	3	100.0%	0	0.0%	3	100.0%
	177.00	1	100.0%	0	0.0%	1	100.0%
	178.00	5	100.0%	0	0.0%	5	100.0%
	179.00	4	100.0%	0	0.0%	4	100.0%
	180.00	2	100.0%	0	0.0%	2	100.0%
	181.00	2	100.0%	0	0.0%	2	100.0%
	182.00	4	100.0%	0	0.0%	4	100.0%
	184.00	1	100.0%	0	0.0%	1	100.0%
	185.00	1	100.0%	0	0.0%	1	100.0%
	186.00	2	100.0%	0	0.0%	2	100.0%
	187.00	1	100.0%	0	0.0%	1	100.0%
	188.00	1	100.0%	0	0.0%	1	100.0%
	190.00	1	100.0%	0	0.0%	1	100.0%
	192.00	1	100.0%	0	0.0%	1	100.0%
	194.00	1	100.0%	0	0.0%	1	100.0%
	195.00	1	100.0%	0	0.0%	1	100.0%
	202.00	1	100.0%	0	0.0%	1	100.0%

Tests of Normality[a,b,c,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af]

		Kolmogorov-Smirnov[d]			Shapiro-Wilk		
	MaxHR	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	96.00	.260	2	.			
	103.00	.	2	.			
	105.00	.385	3	.	.750	3	.000
	108.00	.	2	.			
	109.00	.	2	.			
	111.00	.385	3	.	.750	3	.000
	112.00	.	2	.			
	114.00	.385	3	.	.750	3	.000
	116.00	.260	2	.			
	120.00	.	3	.	.	3	.
	122.00	.441	4	.	.630	4	.001
	125.00	.435	7	.000	.600	7	.000
	126.00	.441	4	.	.630	4	.001
	130.00	.385	3	.	.750	3	.000
	131.00	.385	3	.	.750	3	.000
	132.00	.492	6	.000	.496	6	.000
	133.00	.260	2	.			
	138.00	.385	3	.	.750	3	.000
	139.00	.260	2	.			
	140.00	.367	5	.026	.684	5	.006
	141.00	.	2	.			
	142.00	.407	6	.002	.640	6	.001
	143.00	.473	5	.001	.552	5	.000
	144.00	.441	4	.	.630	4	.001
	145.00	.441	4	.	.630	4	.001
	146.00	.385	3	.	.750	3	.000
	147.00	.367	5	.026	.684	5	.006
	148.00	.	3	.	.	3	.
	149.00	.	2	.			
	150.00	.407	6	.002	.640	6	.001
	151.00	.	4	.	.	4	.
	152.00	.407	6	.002	.640	6	.001
	153.00	.385	3	.	.750	3	.000

Tests of Normality[a,b,c,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,aa,ab,ac,ad,ae,af]

		Kolmogorov-Smirnov[d]			Shapiro-Wilk		
	MaxHR	Statistic	df	Sig.	Statistic	df	Sig.
	154.00	.367	5	.026	.684	5	.006
	155.00	.385	3	.	.750	3	.000
	156.00	.367	5	.026	.684	5	.006
	157.00	.473	5	.001	.552	5	.000
	158.00	.319	6	.056	.683	6	.004
	159.00	.441	4	.	.630	4	.001
	160.00	.356	9	.002	.655	9	.000
	161.00	.367	5	.026	.684	5	.006
	162.00	.482	10	.000	.509	10	.000
	163.00	.455	8	.000	.566	8	.000
	165.00	.367	5	.026	.684	5	.006
	166.00	.260	2	.			
	168.00	.367	5	.026	.684	5	.006
	169.00	.307	4	.	.729	4	.024
	170.00	.473	5	.001	.552	5	.000
	171.00	.441	4	.	.630	4	.001
	172.00	.	7	.	.	7	.
	173.00	.407	6	.002	.640	6	.001
	174.00	.385	3	.	.750	3	.000
	175.00	.	3	.	.	3	.
	178.00	.	5	.	.	5	.
	179.00	.	4	.	.	4	.
	180.00	.	2	.			
	181.00	.260	2	.			
	182.00	.441	4	.	.630	4	.001
	186.00	.	2	.			

a. HeartDisease is constant when MaxHR = 71.00. It has been omitted.

b. HeartDisease is constant when MaxHR = 88.00. It has been omitted.

c. HeartDisease is constant when MaxHR = 95.00. It has been omitted.

d. Lilliefors Significance Correction

e. HeartDisease is constant when MaxHR = 97.00. It has been omitted.

f. HeartDisease is constant when MaxHR = 99.00. It has been omitted.

g. HeartDisease is constant when MaxHR = 106.00. It has been omitted.

h. HeartDisease is constant when MaxHR = 113.00. It has been omitted.

i. HeartDisease is constant when MaxHR = 115.00. It has been omitted.

j. HeartDisease is constant when MaxHR = 117.00. It has been omitted.

k. HeartDisease is constant when MaxHR = 118.00. It has been omitted.

l. HeartDisease is constant when MaxHR = 121.00. It has been omitted.

m. HeartDisease is constant when MaxHR = 123.00. It has been omitted.

n. HeartDisease is constant when MaxHR = 124.00. It has been omitted.

o. HeartDisease is constant when MaxHR = 127.00. It has been omitted.

p. HeartDisease is constant when MaxHR = 128.00. It has been omitted.

q. HeartDisease is constant when MaxHR = 129.00. It has been omitted.

r. HeartDisease is constant when MaxHR = 134.00. It has been omitted.

s. HeartDisease is constant when MaxHR = 136.00. It has been omitted.

t. HeartDisease is constant when MaxHR = 137.00. It has been omitted.

u. HeartDisease is constant when MaxHR = 164.00. It has been omitted.

v. HeartDisease is constant when MaxHR = 167.00. It has been omitted.

w. HeartDisease is constant when MaxHR = 177.00. It has been omitted.

x. HeartDisease is constant when MaxHR = 184.00. It has been omitted.

y. HeartDisease is constant when MaxHR = 185.00. It has been omitted.

z. HeartDisease is constant when MaxHR = 187.00. It has been omitted.

aa. HeartDisease is constant when MaxHR = 188.00. It has been omitted.

ab. HeartDisease is constant when MaxHR = 190.00. It has been omitted.

ac. HeartDisease is constant when MaxHR = 192.00. It has been omitted.

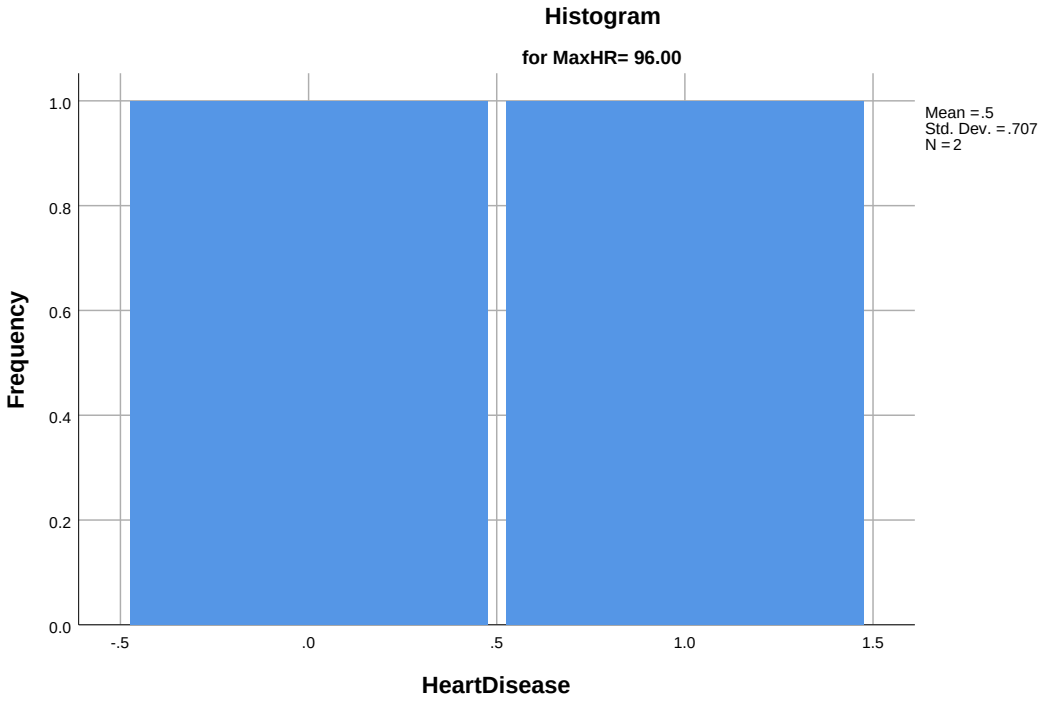
ad. HeartDisease is constant when MaxHR = 194.00. It has been omitted.

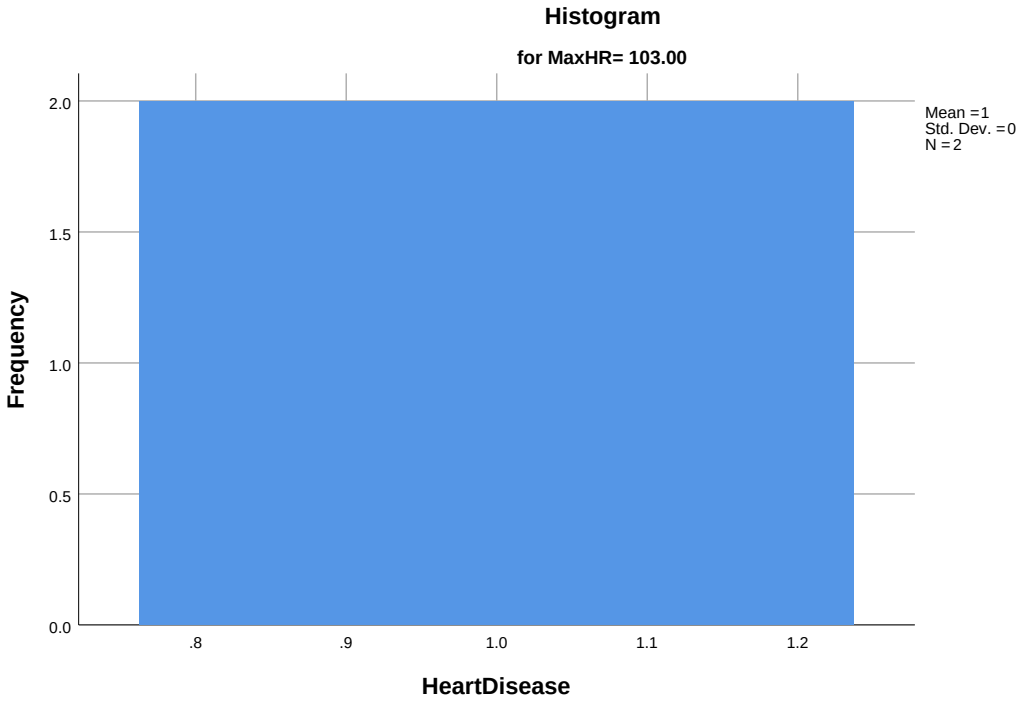
ae. HeartDisease is constant when MaxHR = 195.00. It has been omitted.

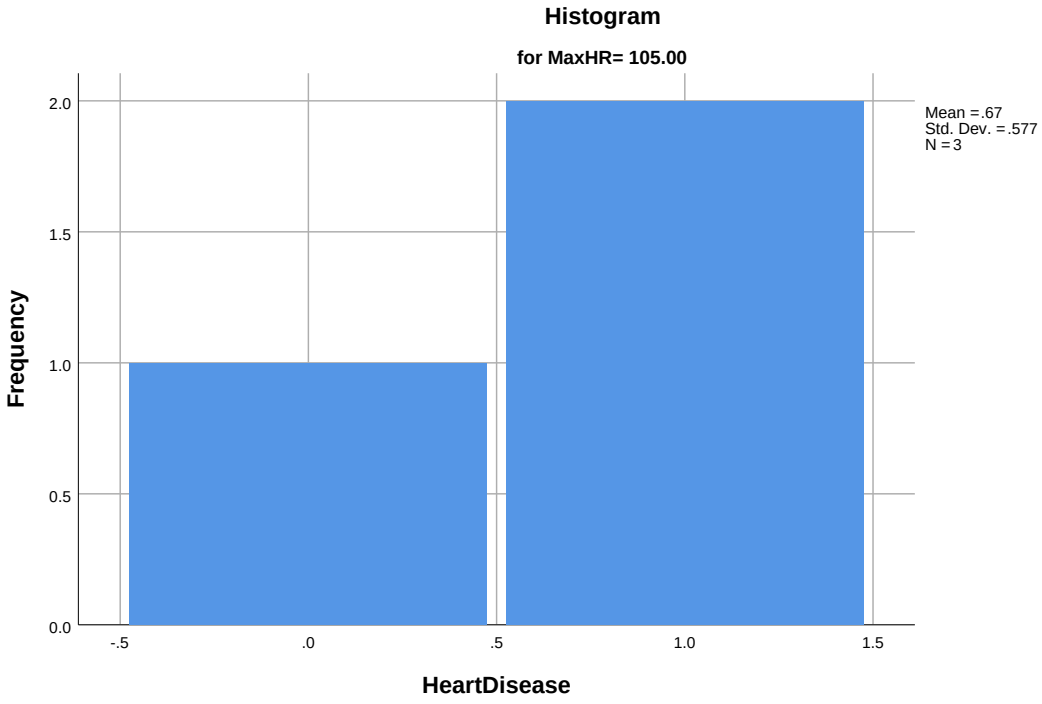
af. HeartDisease is constant when MaxHR = 202.00. It has been omitted.

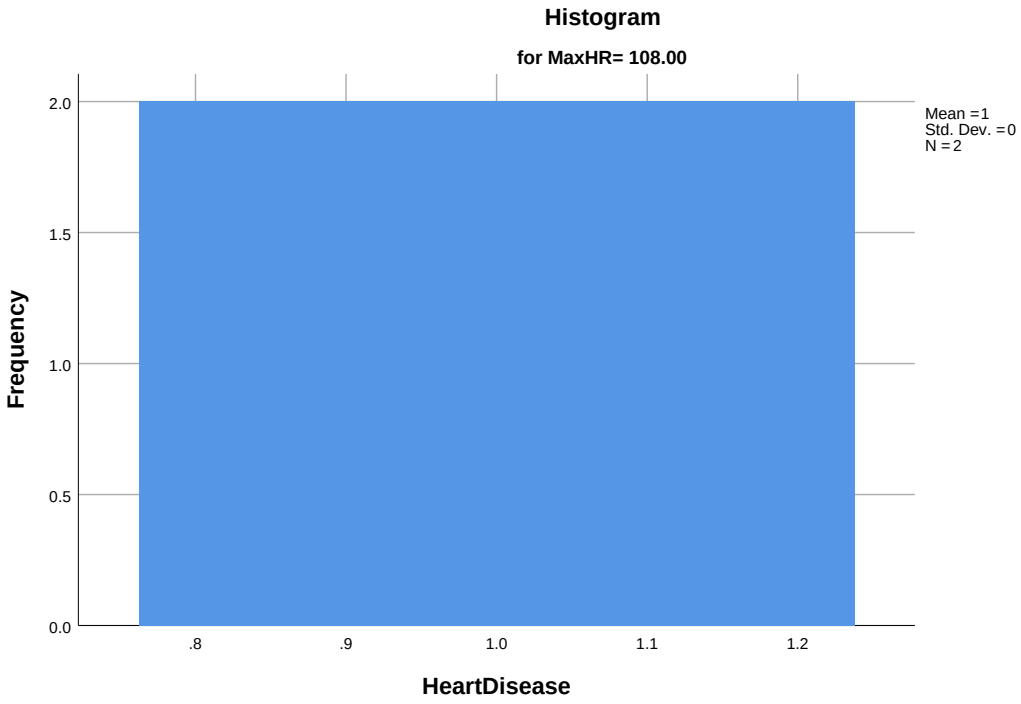
HeartDisease

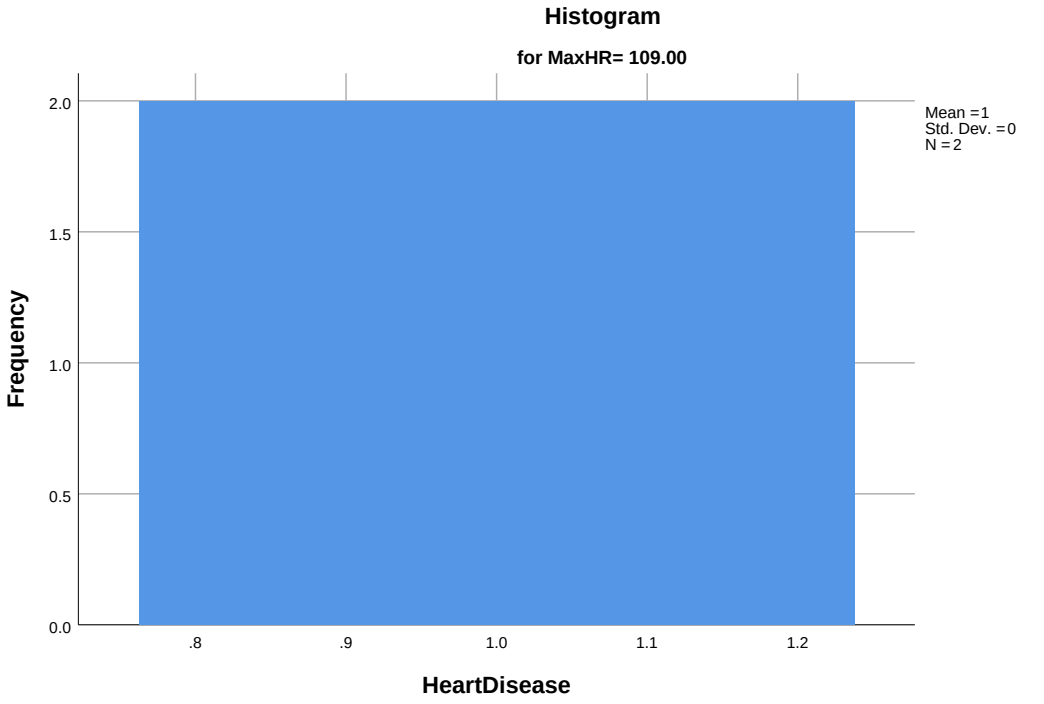
Histograms

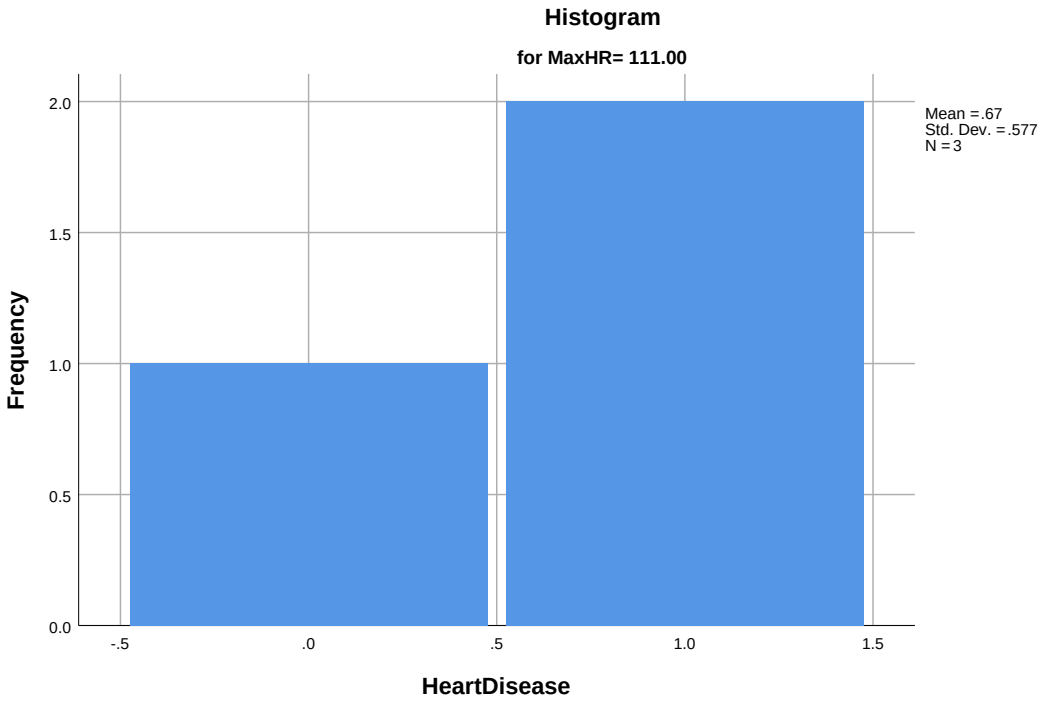

Histogram
for MaxHR= 96.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

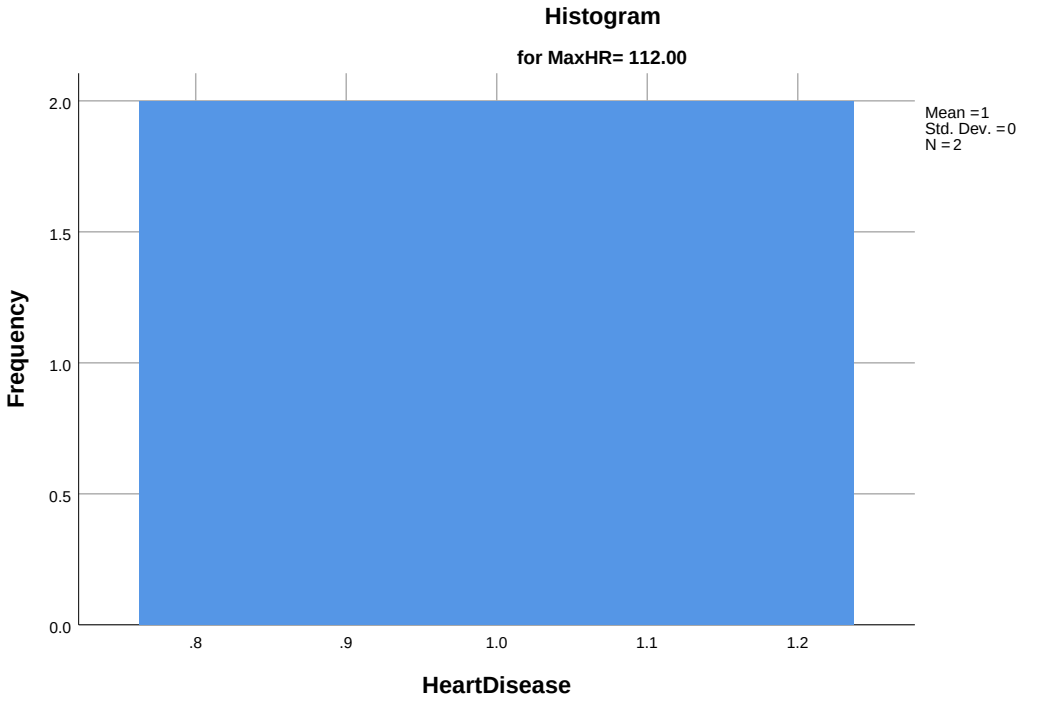

Histogram
for MaxHR= 103.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

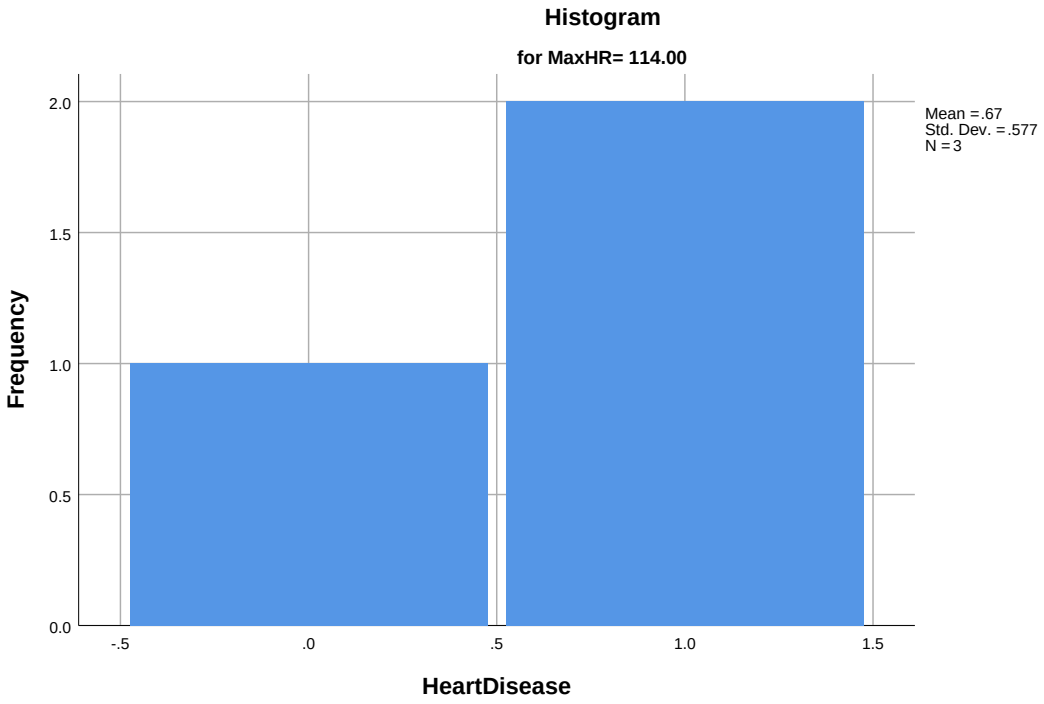

Histogram
for MaxHR= 105.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

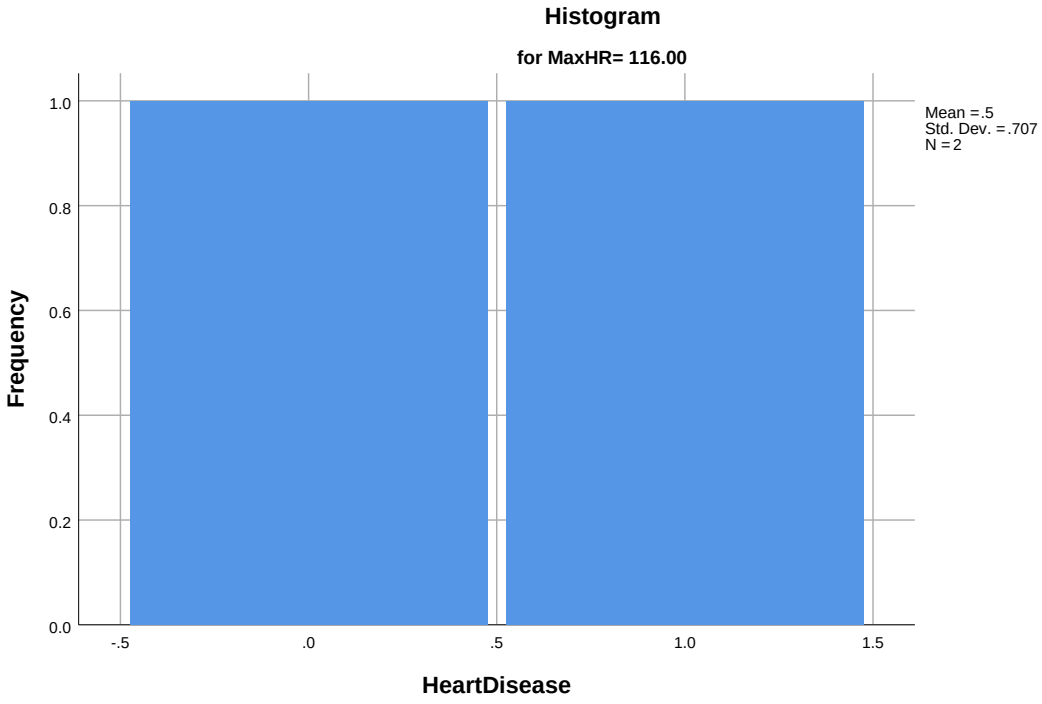

Histogram
for MaxHR= 108.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

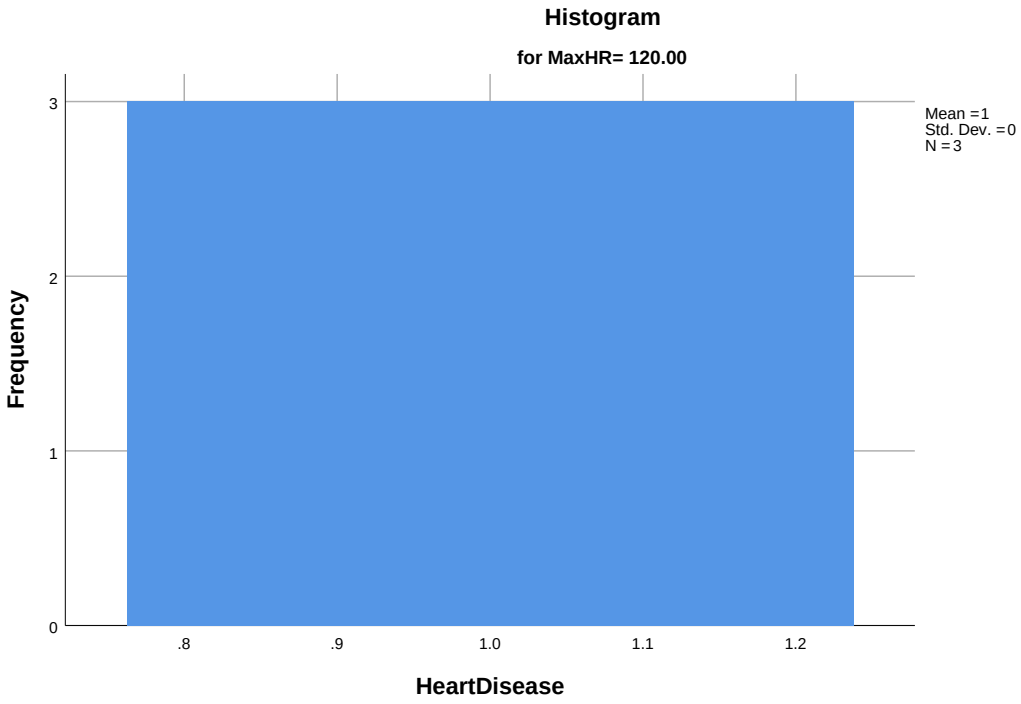

Histogram
for MaxHR= 109.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

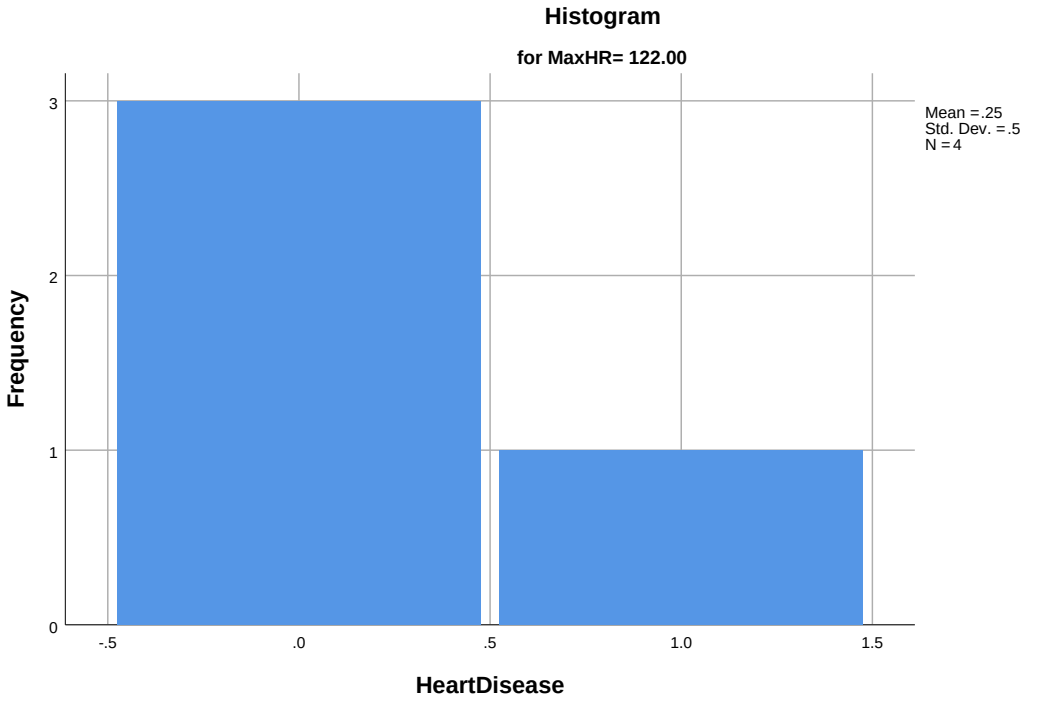

Histogram
for MaxHR= 111.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

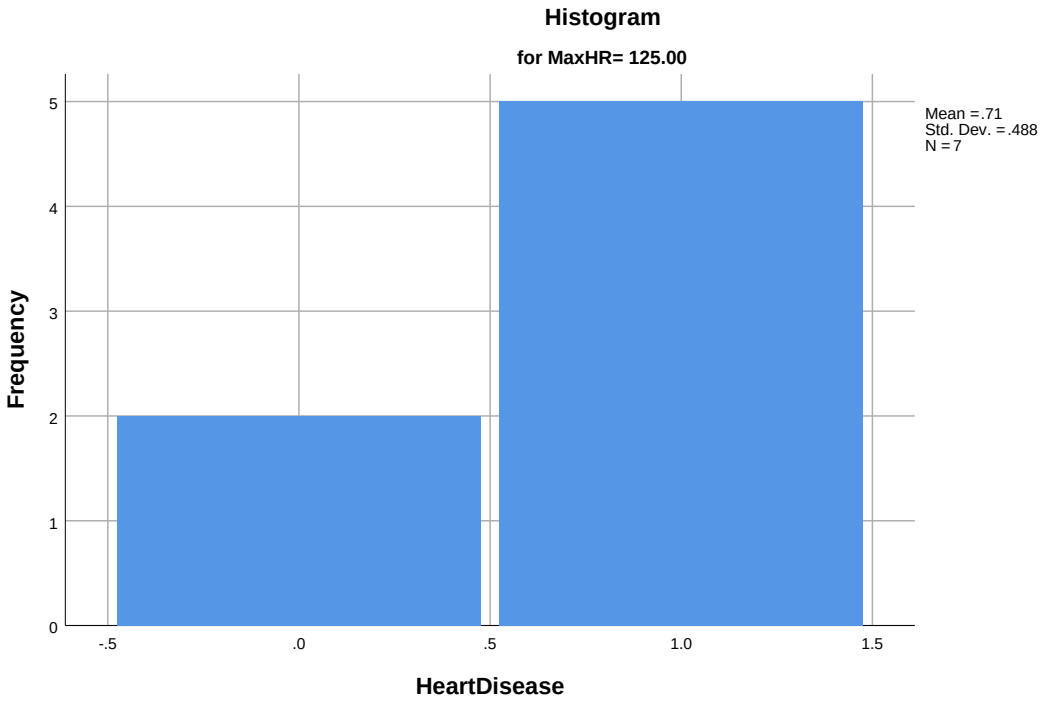

Histogram
for MaxHR= 112.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

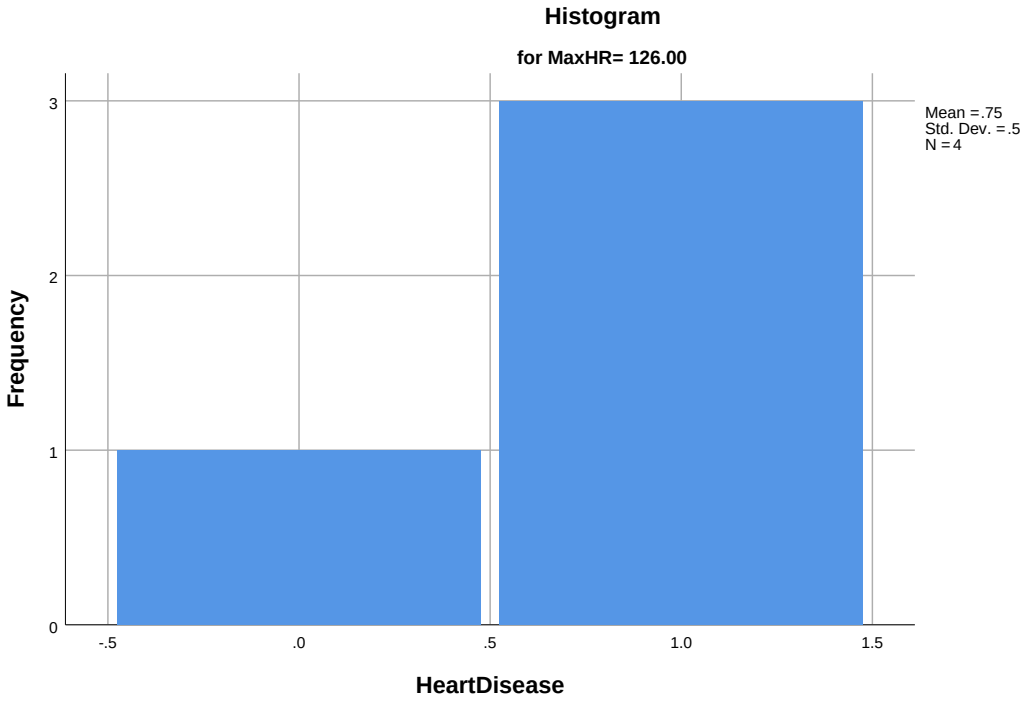

Histogram
for MaxHR= 114.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

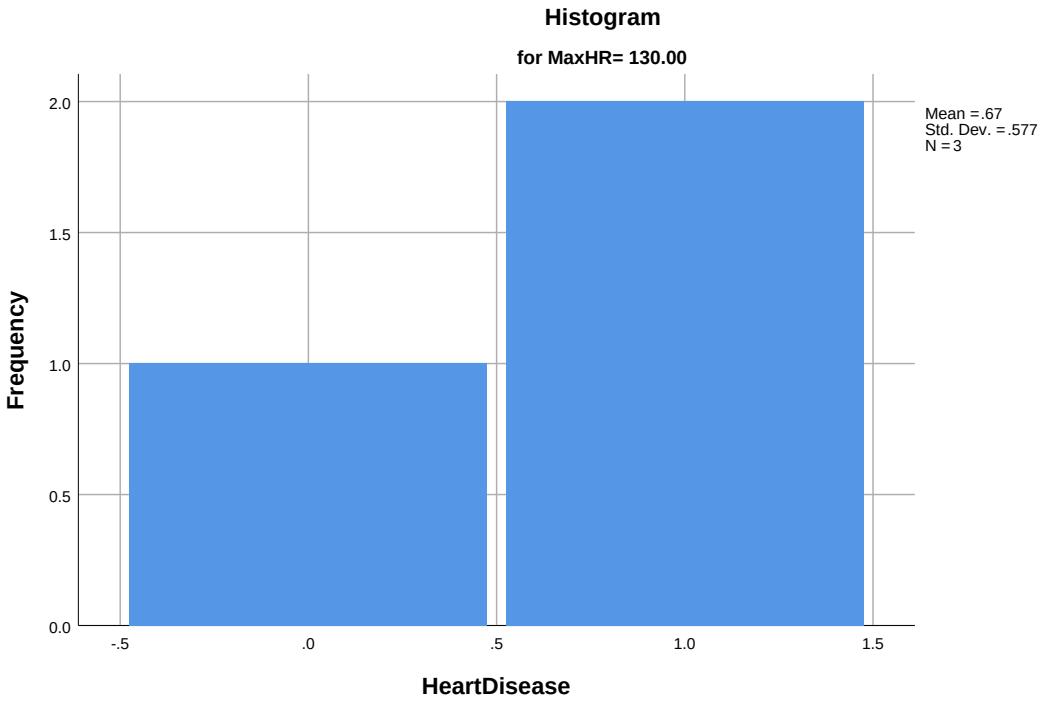

Histogram
for MaxHR= 116.00
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease
Mean =.5
Std. Dev. =.707
N =2

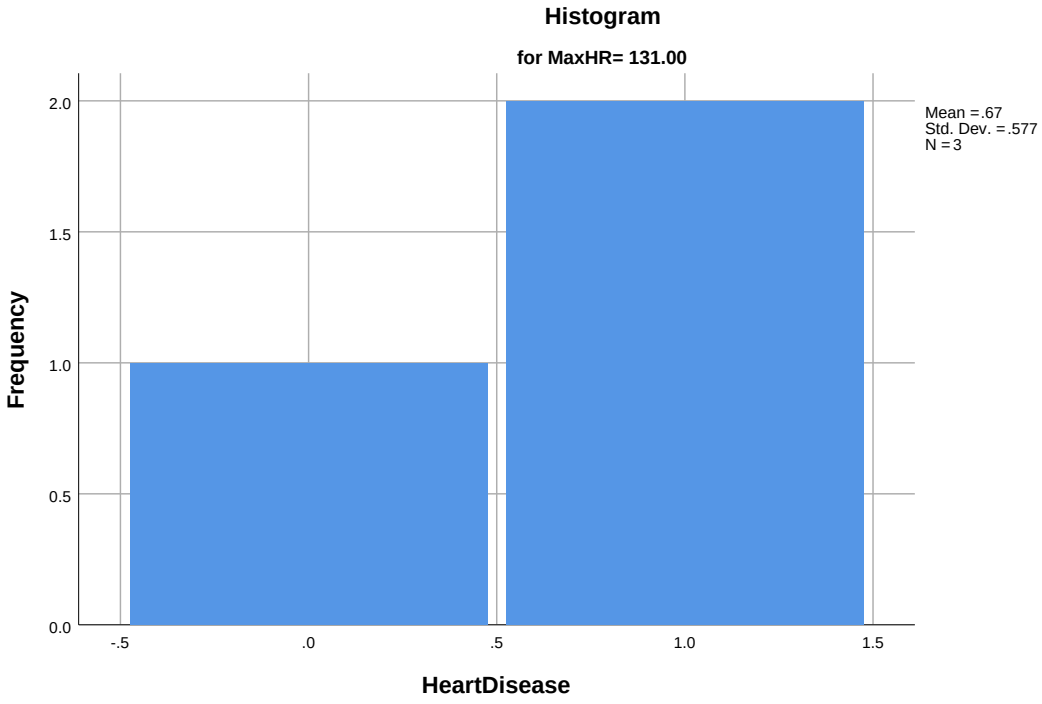

Histogram
for MaxHR= 120.00
Frequency
3
2
1
0
.8
.9
1.0
1.1
1.2
HeartDisease
Mean =1
Std. Dev. =0
N =3

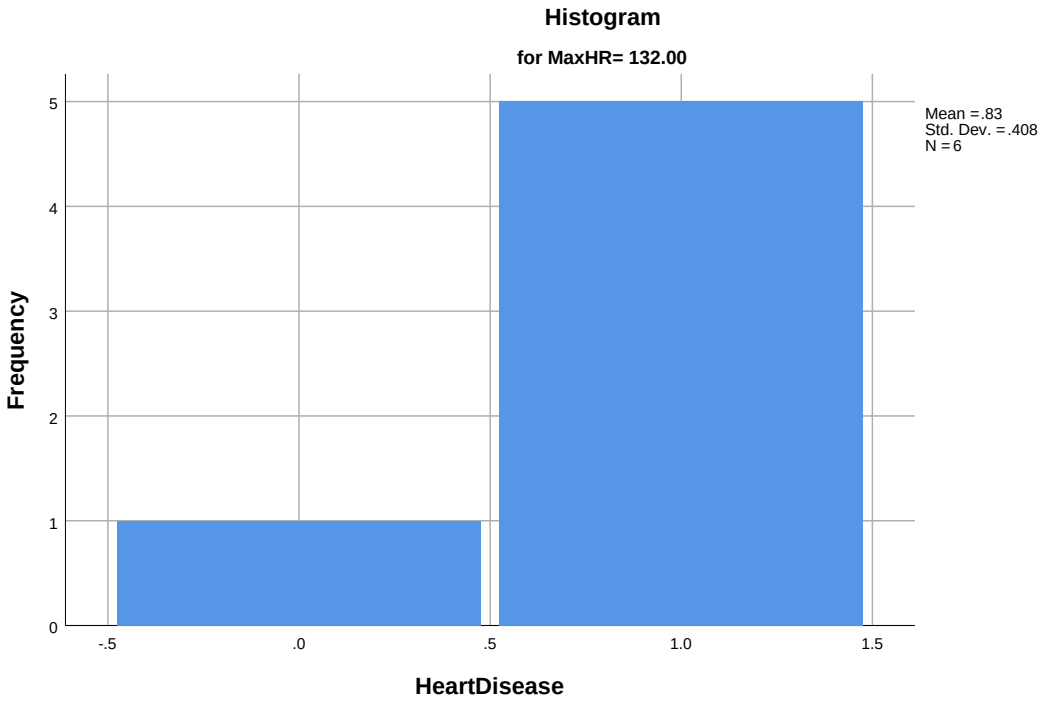

Histogram
for MaxHR= 122.00
Mean =.25
Std. Dev. =.5
N = 4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

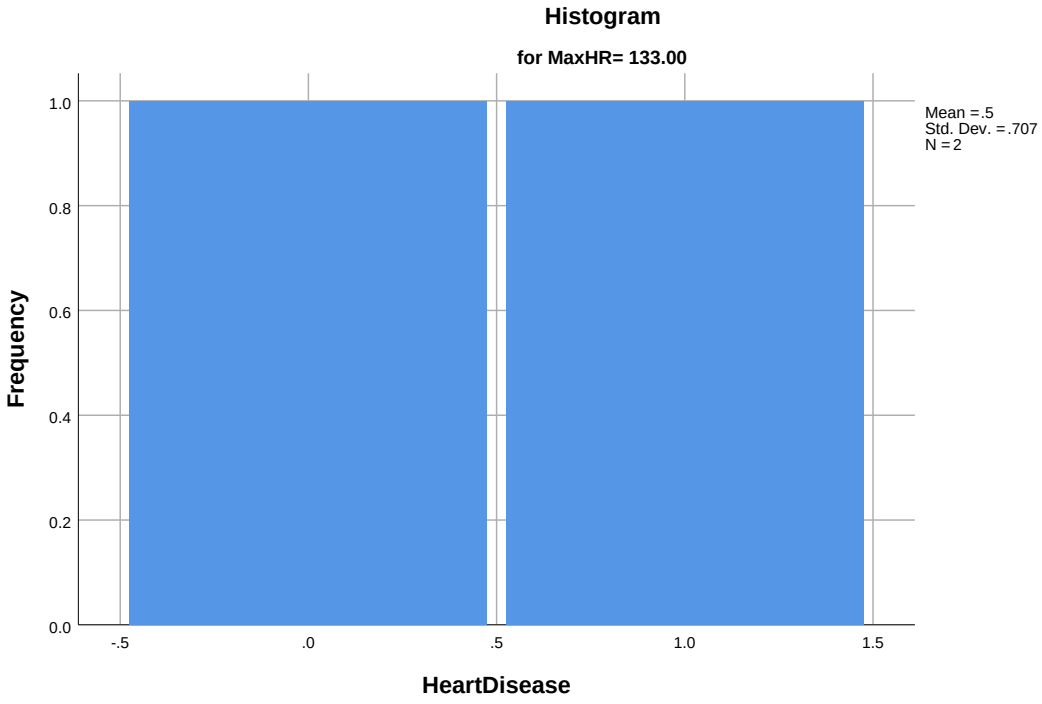

Histogram
for MaxHR= 125.00
Mean =.71
Std. Dev. =.488
N = 7
Frequency
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease

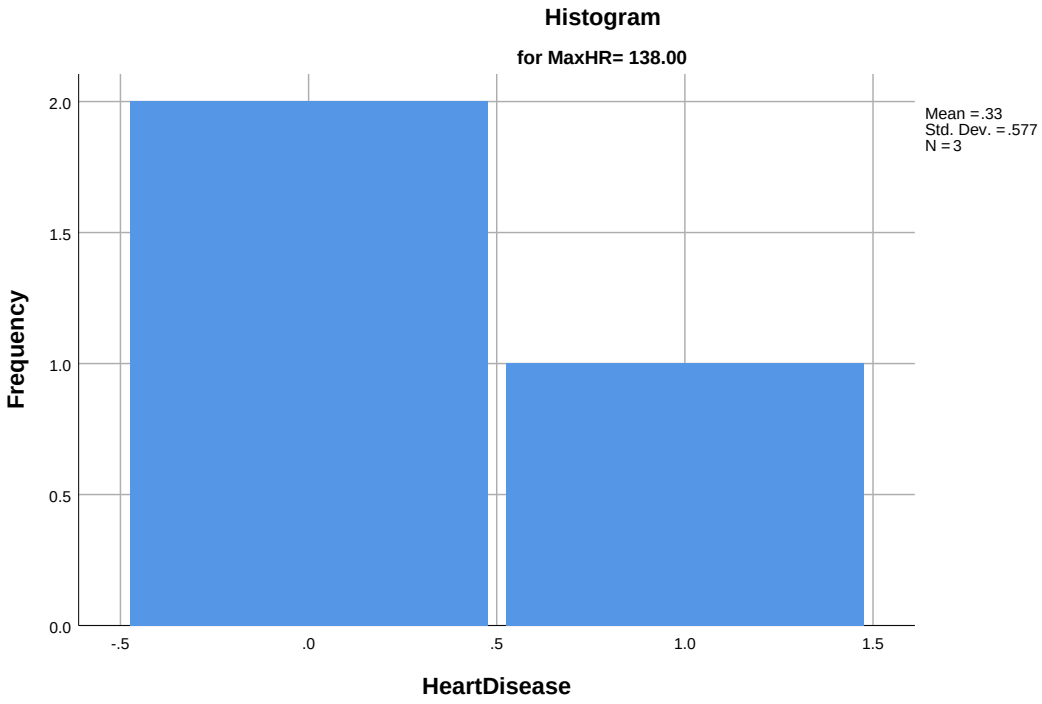

Histogram
for MaxHR= 126.00
Mean =.75
Std. Dev. =.5
N = 4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

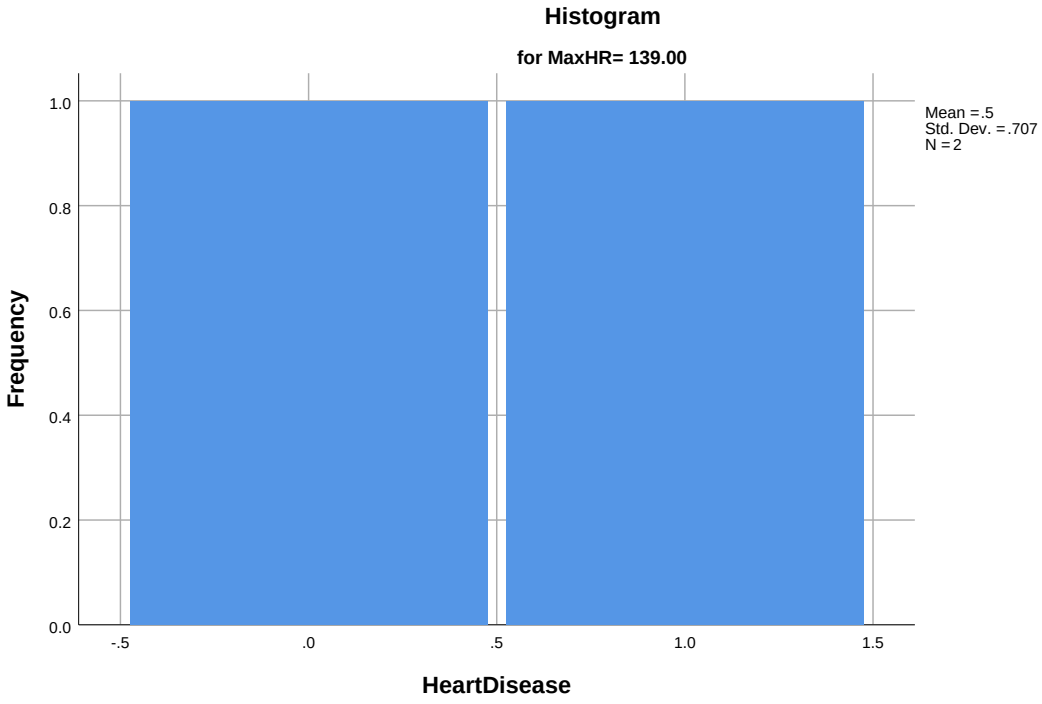

Histogram
for MaxHR= 130.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

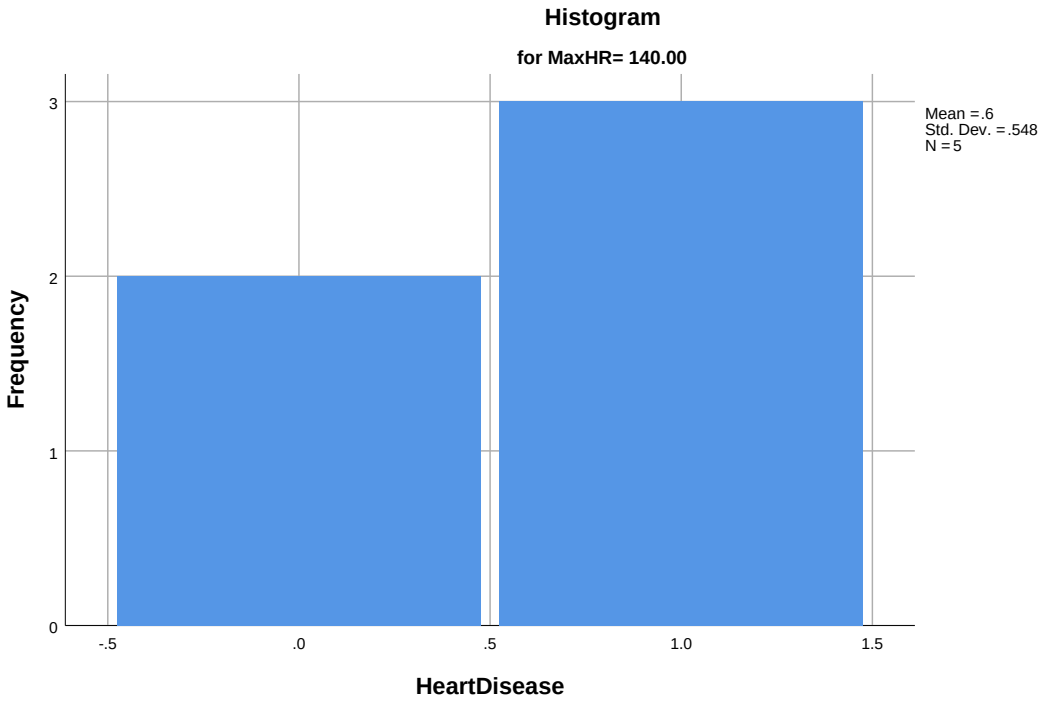

Histogram
for MaxHR= 131.00
Mean =.67
Std. Dev. =.577
N = 3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

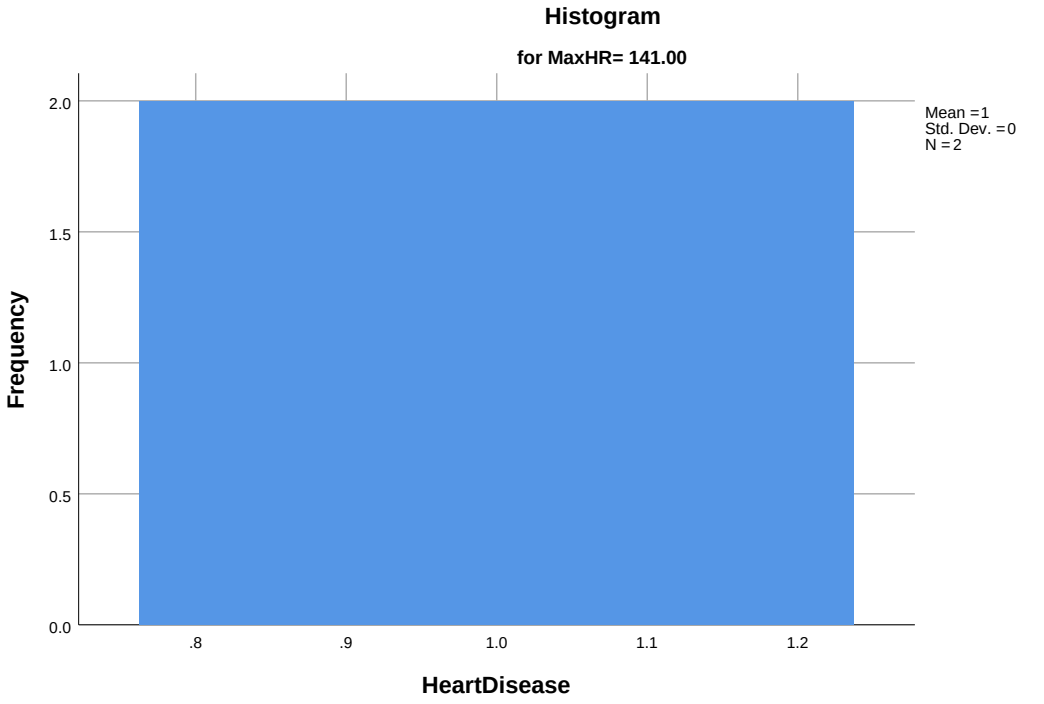

Histogram
for MaxHR= 132.00
Mean =.83
Std. Dev. =.408
N = 6
Frequency
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

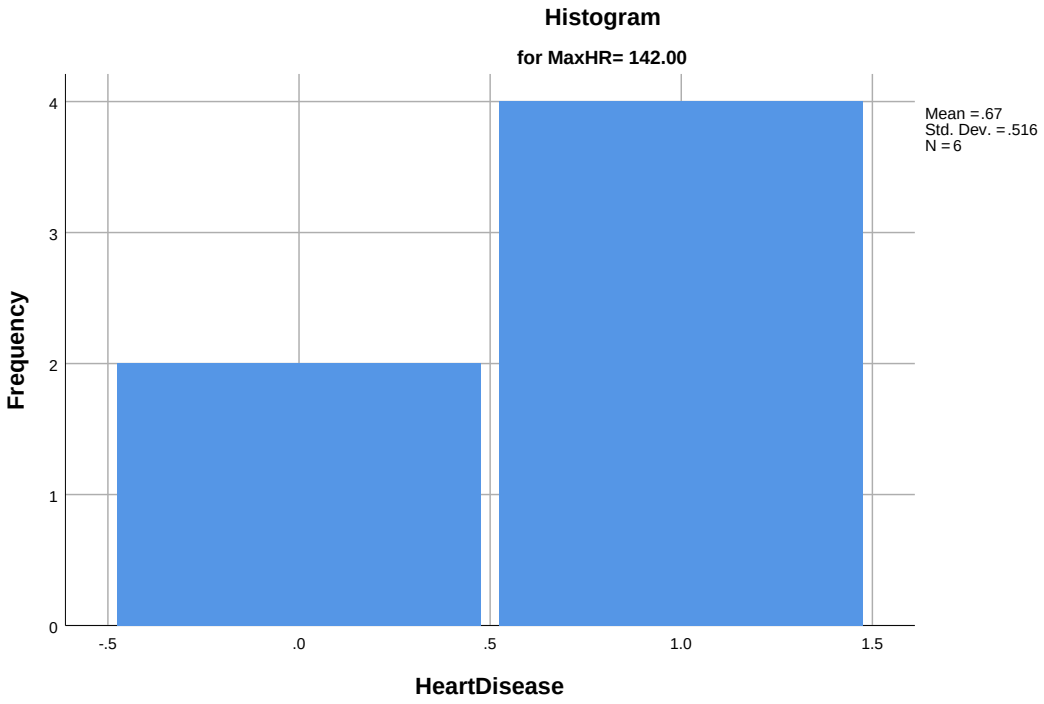

Histogram
for MaxHR= 133.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

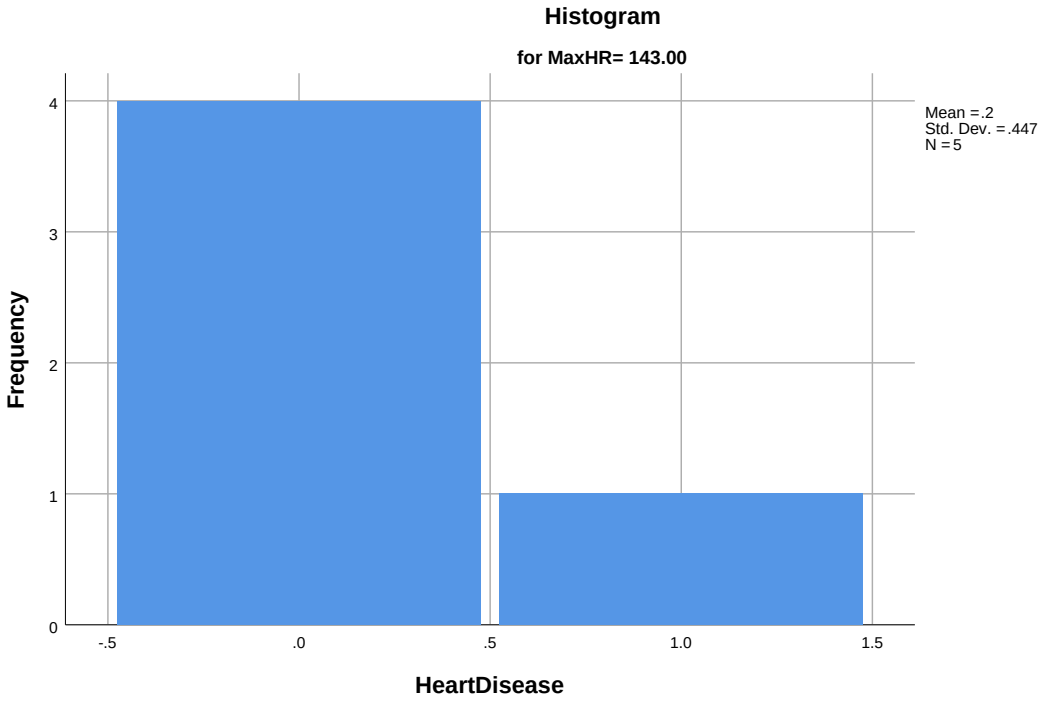

Histogram
for MaxHR= 138.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

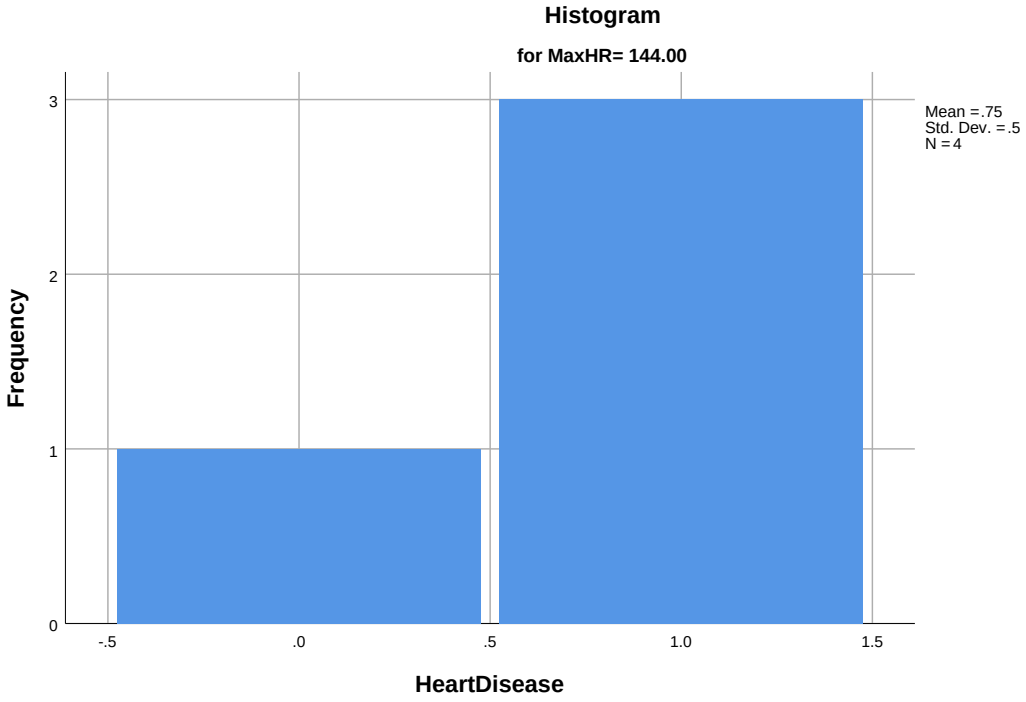

Histogram
for MaxHR= 139.00
Mean =.5
Std. Dev. =.707
N =2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

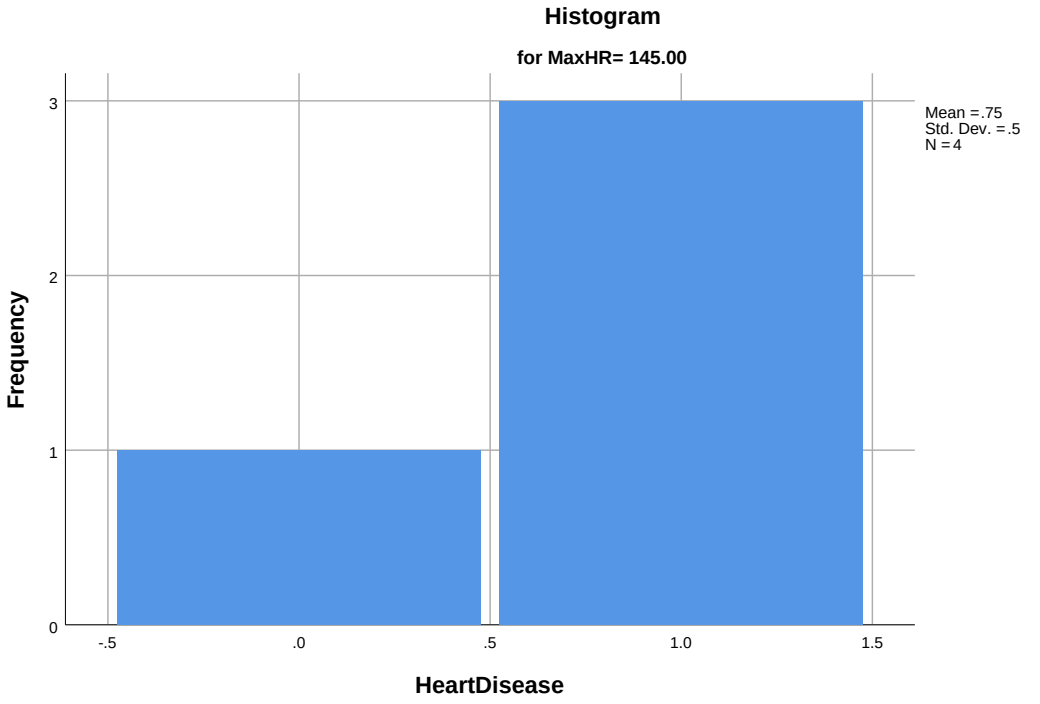

Histogram
for MaxHR= 140.00
Mean =.6
Std. Dev. =.548
N =5
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

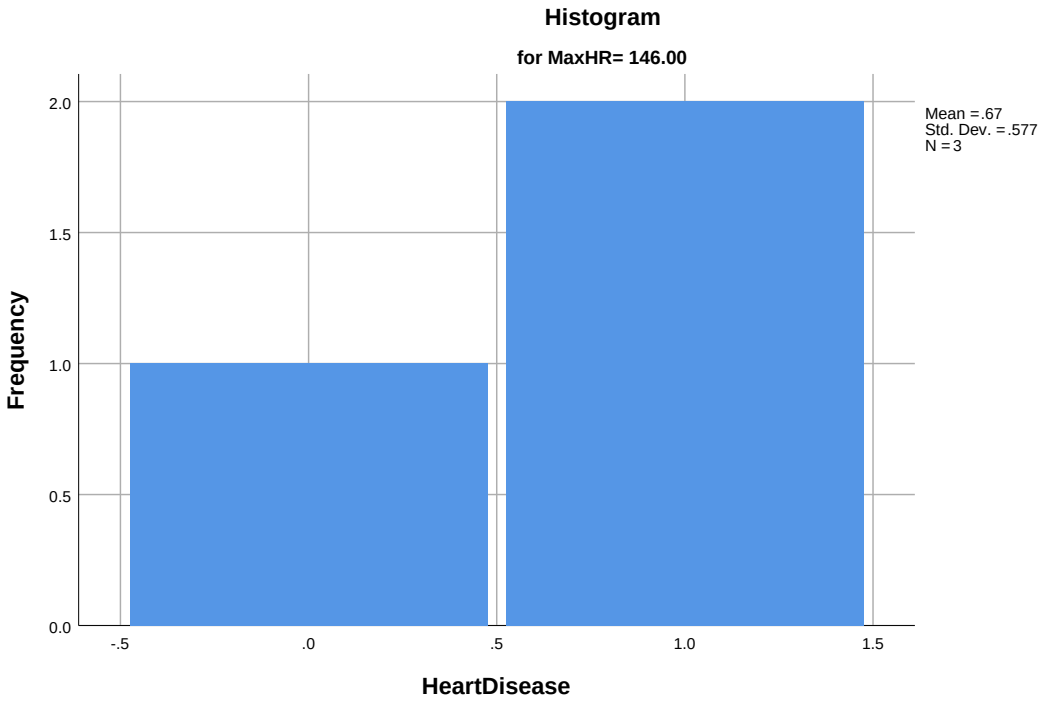

Histogram
for MaxHR= 141.00
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

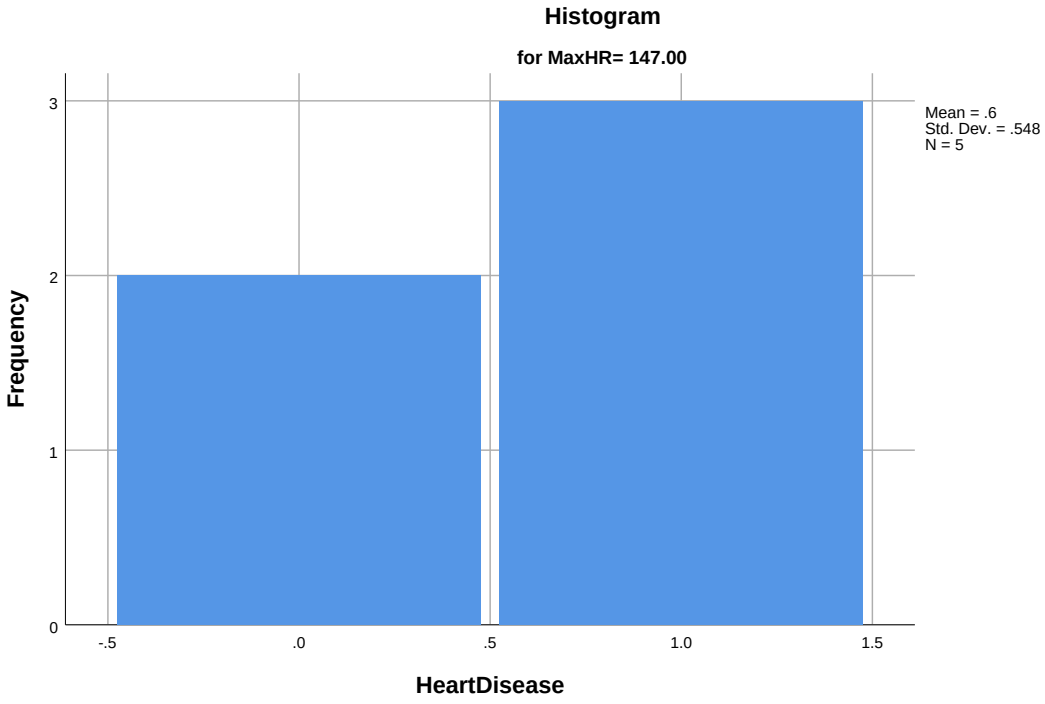

Histogram
for MaxHR= 142.00
Mean =.67
Std. Dev. =.516
N =6
Frequency
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

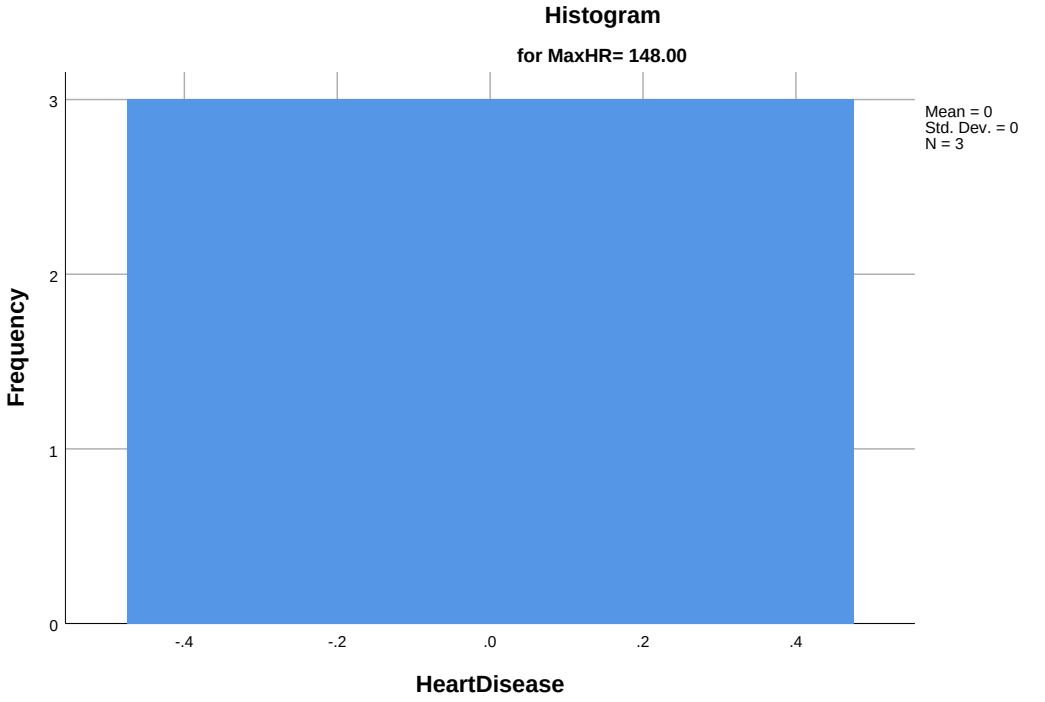

Histogram
for MaxHR= 143.00
Mean =.2
Std. Dev. =.447
N =5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

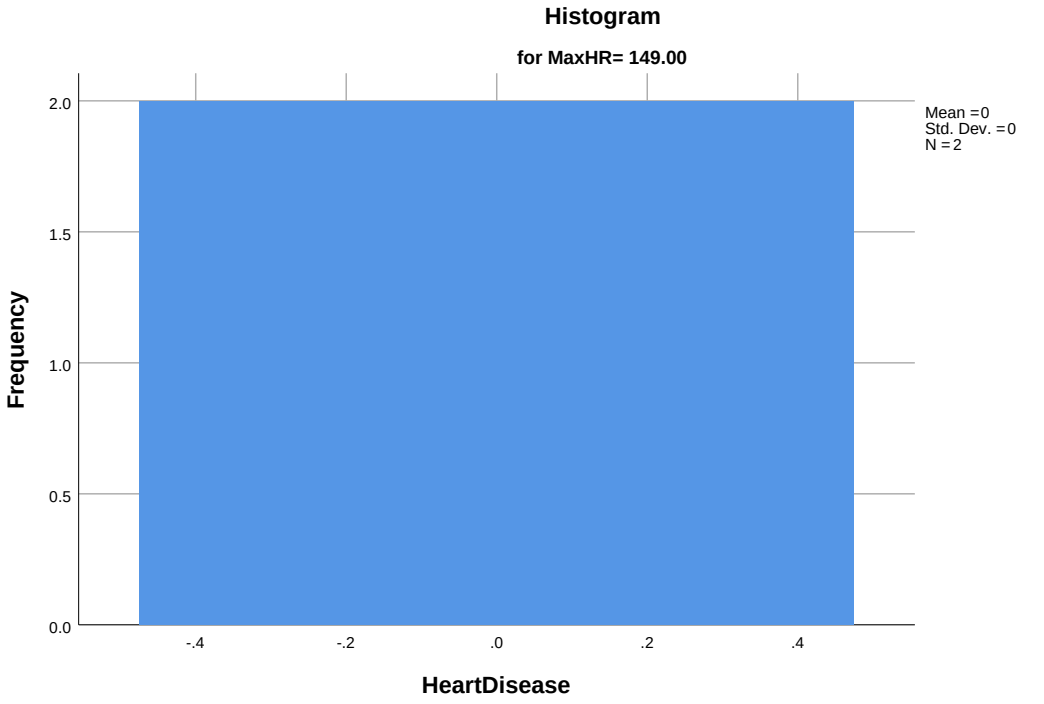

Histogram
for MaxHR= 144.00
Mean =.75
Std. Dev. =.5
N =4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

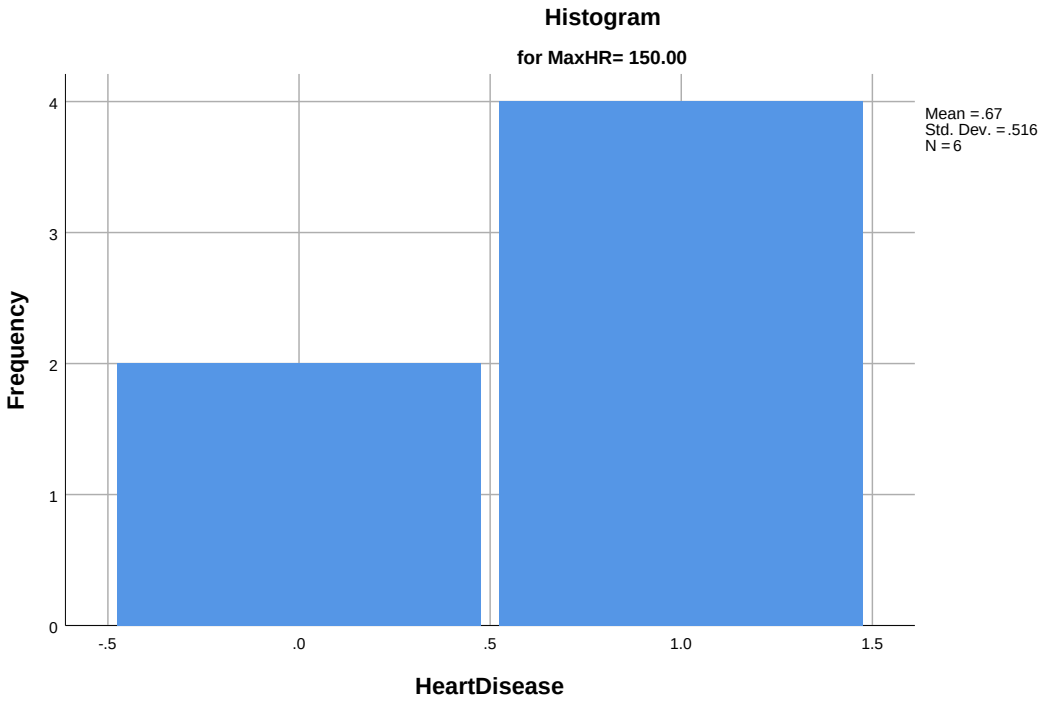

Histogram
for MaxHR= 145.00
Mean =.75
Std. Dev. =.5
N =4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

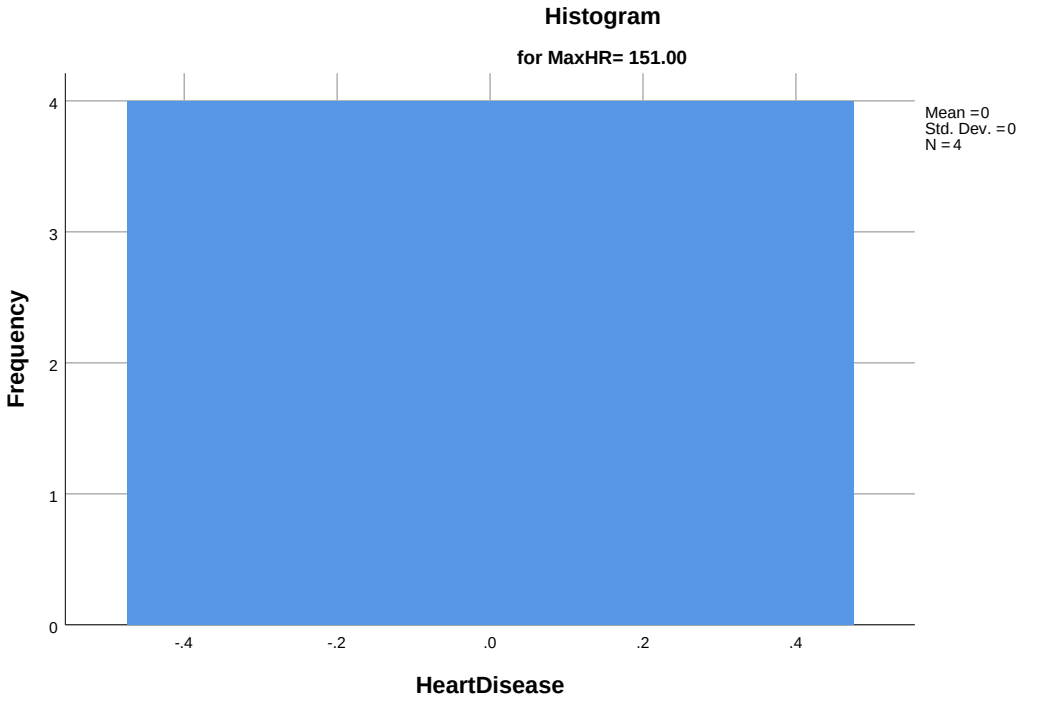

Histogram
for MaxHR= 146.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

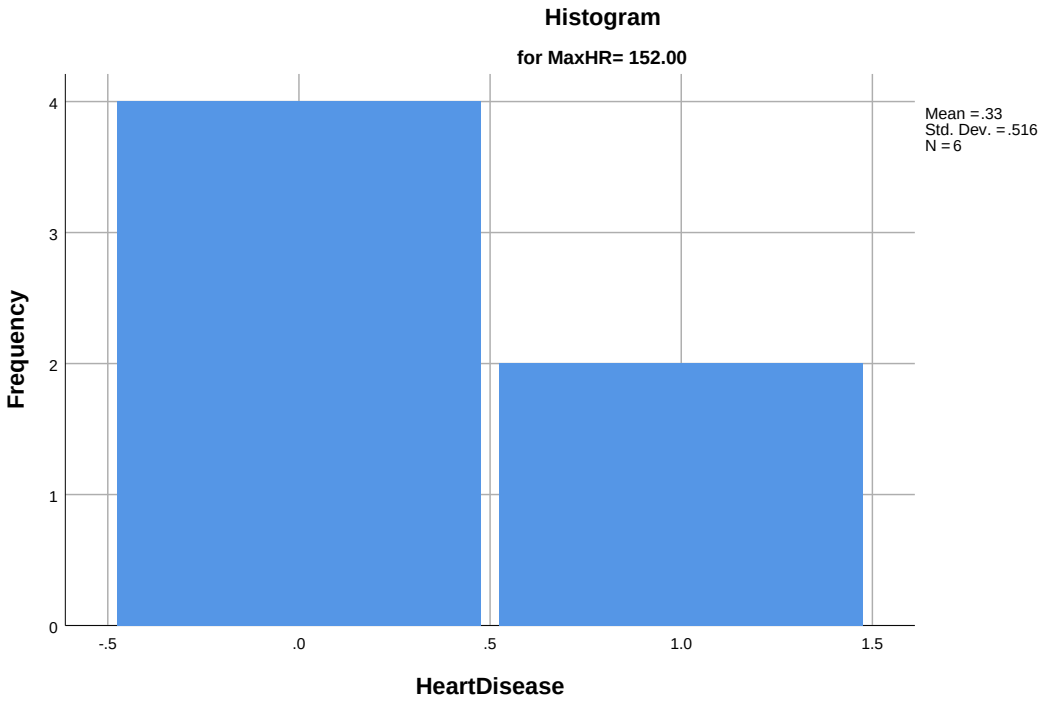

Histogram
for MaxHR= 147.00
Mean = .6
Std. Dev. = .548
N = 5
Frequency
HeartDisease
0
1
2
3
-.5
.0
.5
1.0
1.5

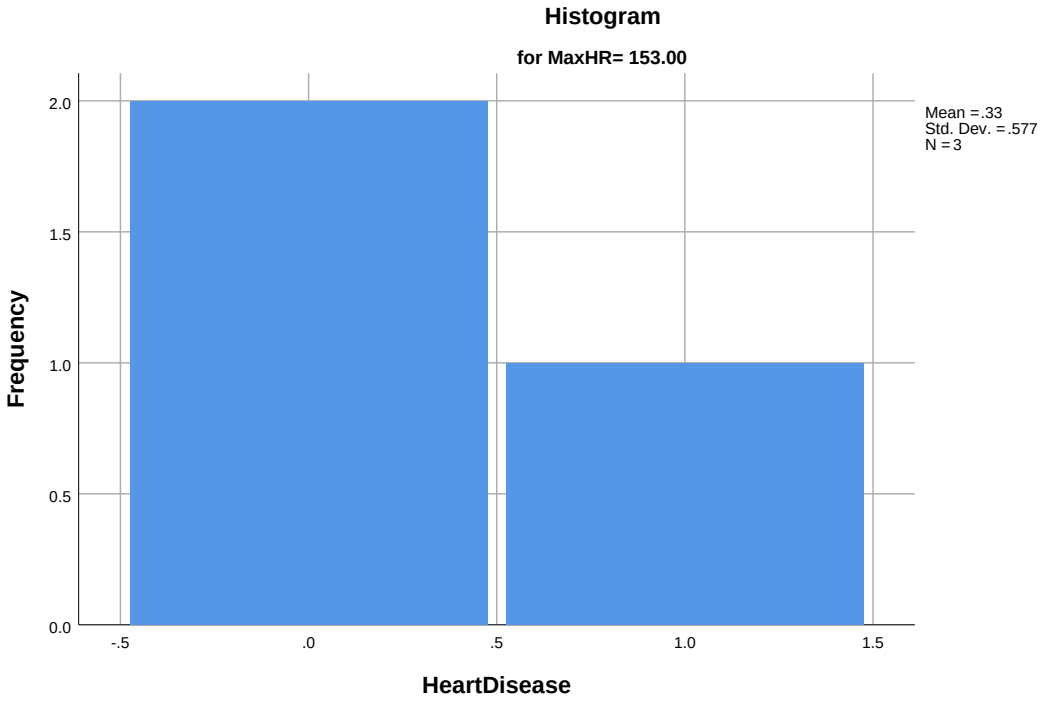

Histogram
for MaxHR= 148.00
Mean = 0
Std. Dev. = 0
N = 3
Frequency
HeartDisease
0
1
2
3
-.4
-.2
.0
.2
.4

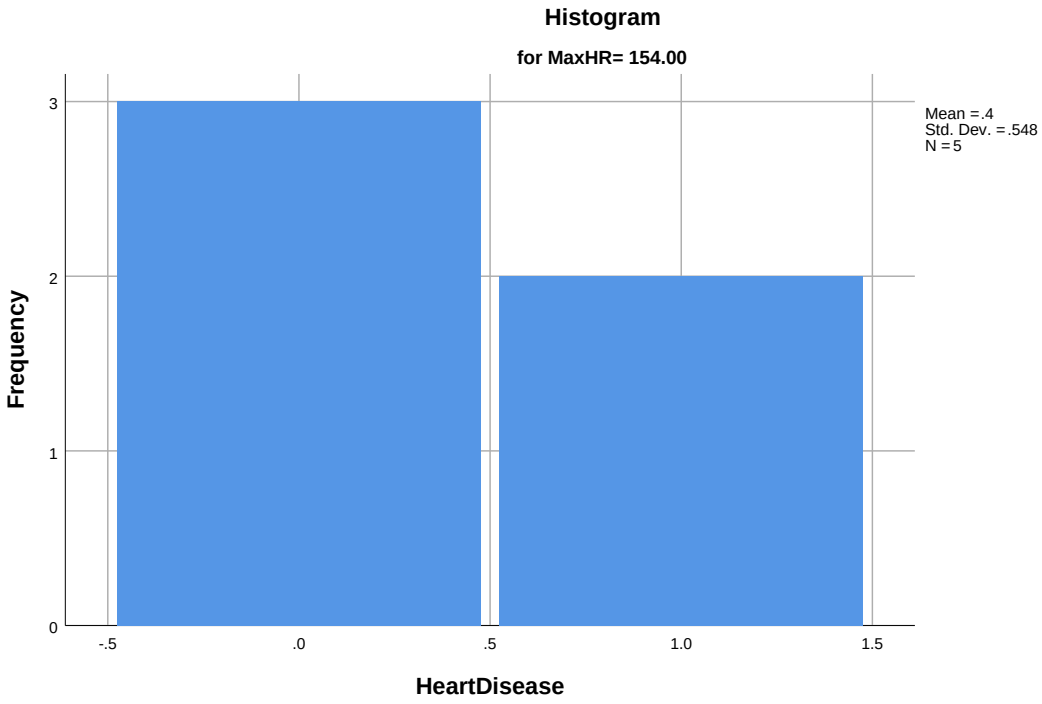

Histogram
for MaxHR= 149.00
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

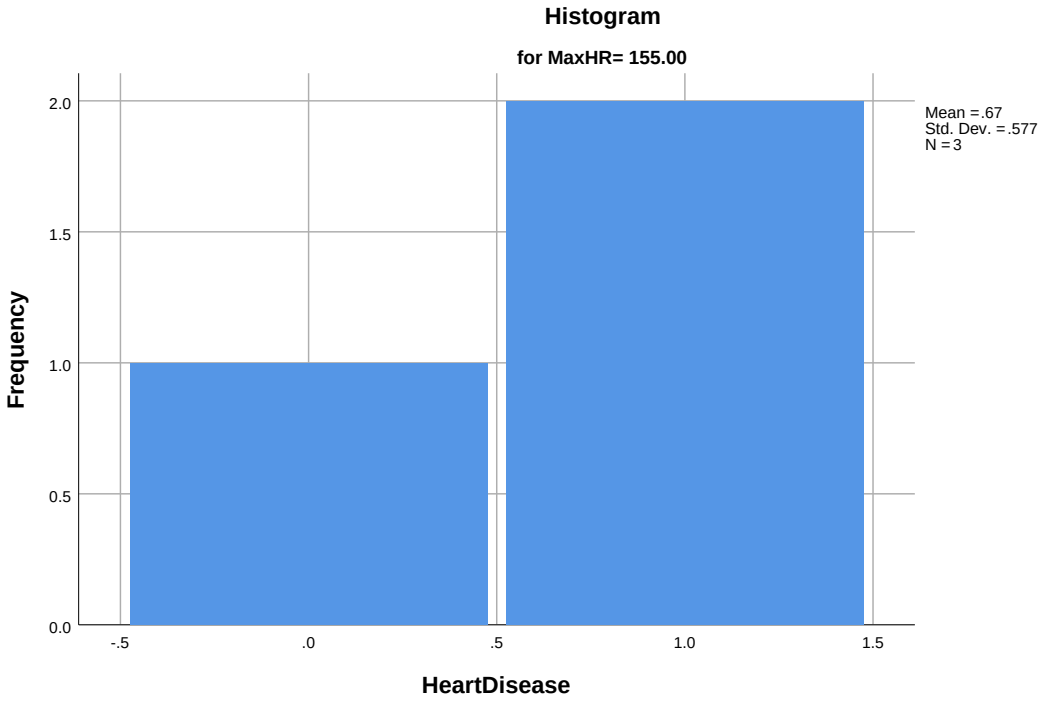

Histogram
for MaxHR= 150.00
Mean =.67
Std. Dev. =.516
N =6
Frequency
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

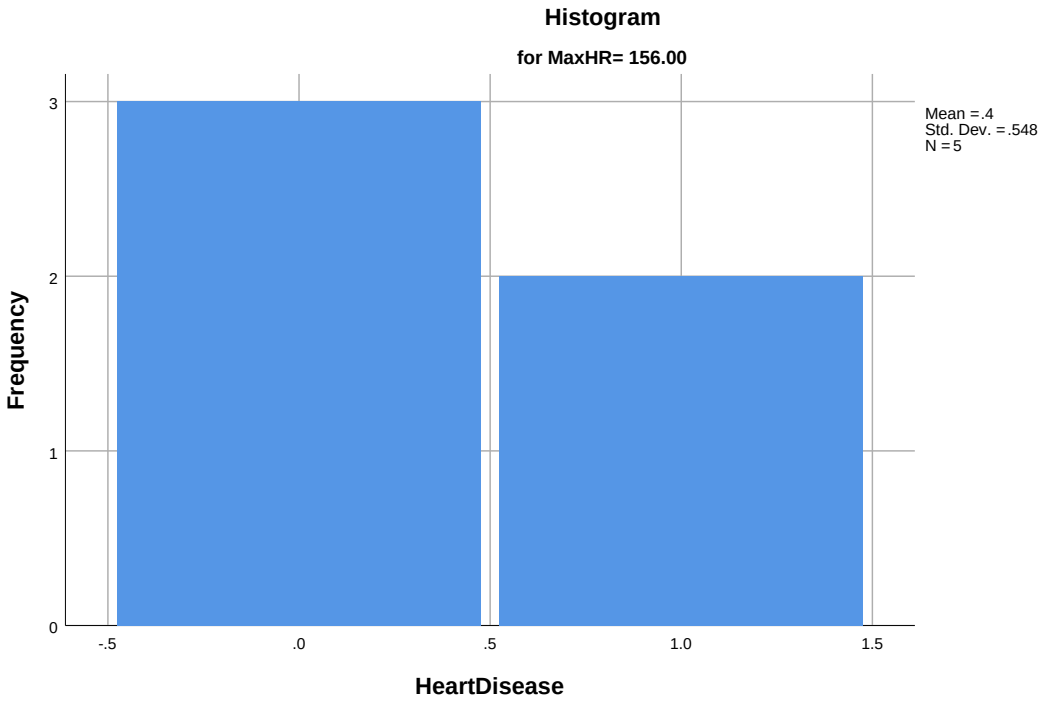

Histogram
for MaxHR= 151.00
Mean =0
Std. Dev. =0
N =4
Frequency
0
1
2
3
4
-.4
-.2
.0
.2
.4
HeartDisease

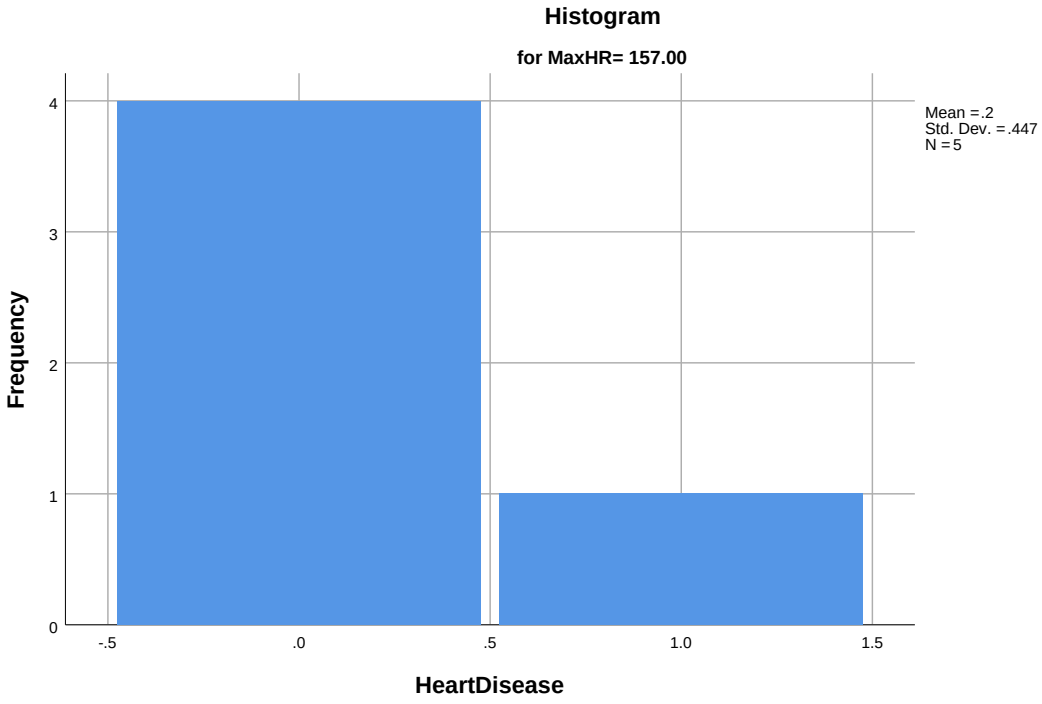

Histogram
for MaxHR= 152.00
Mean =.33
Std. Dev. =.516
N =6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

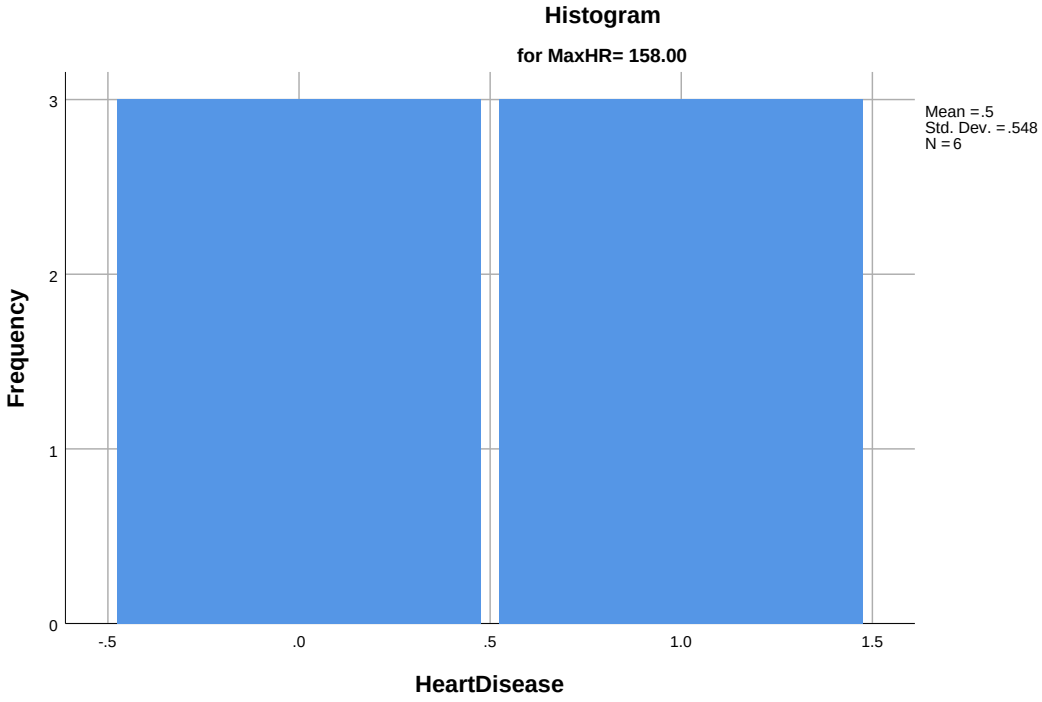

Histogram
for MaxHR= 153.00
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

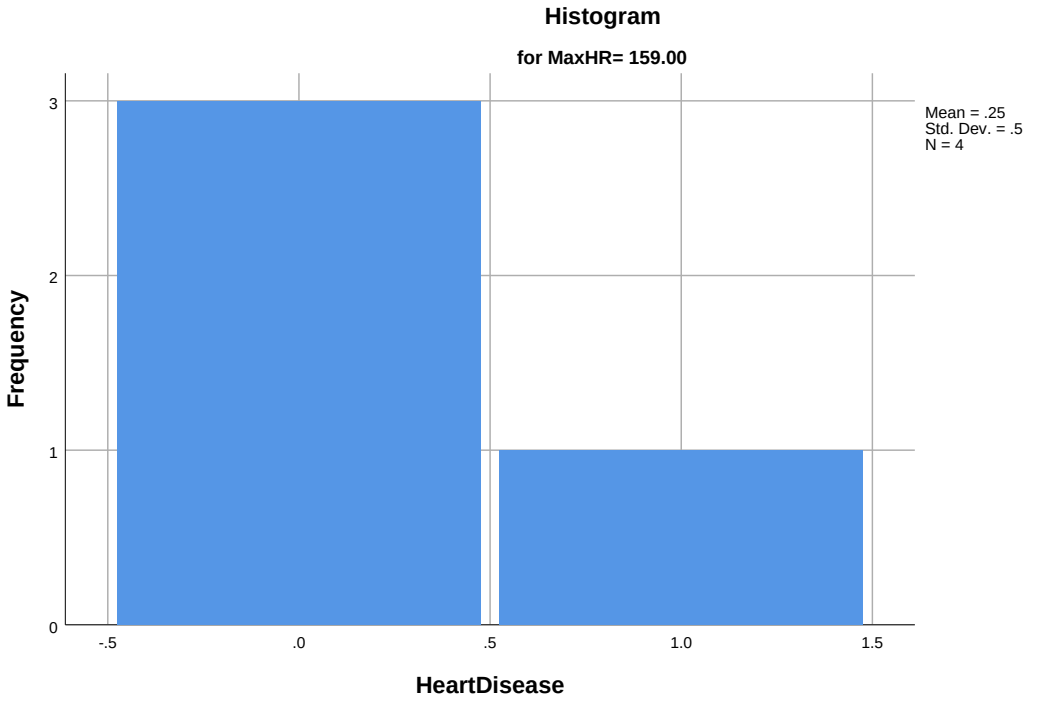

Histogram
for MaxHR= 154.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

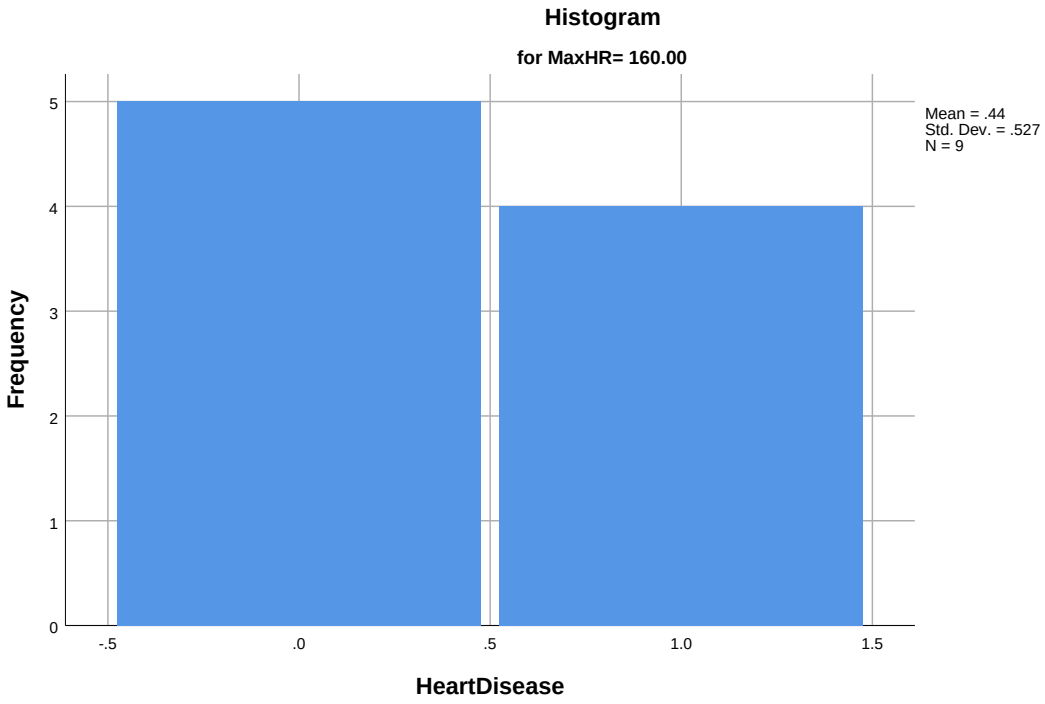

Histogram
for MaxHR= 155.00
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

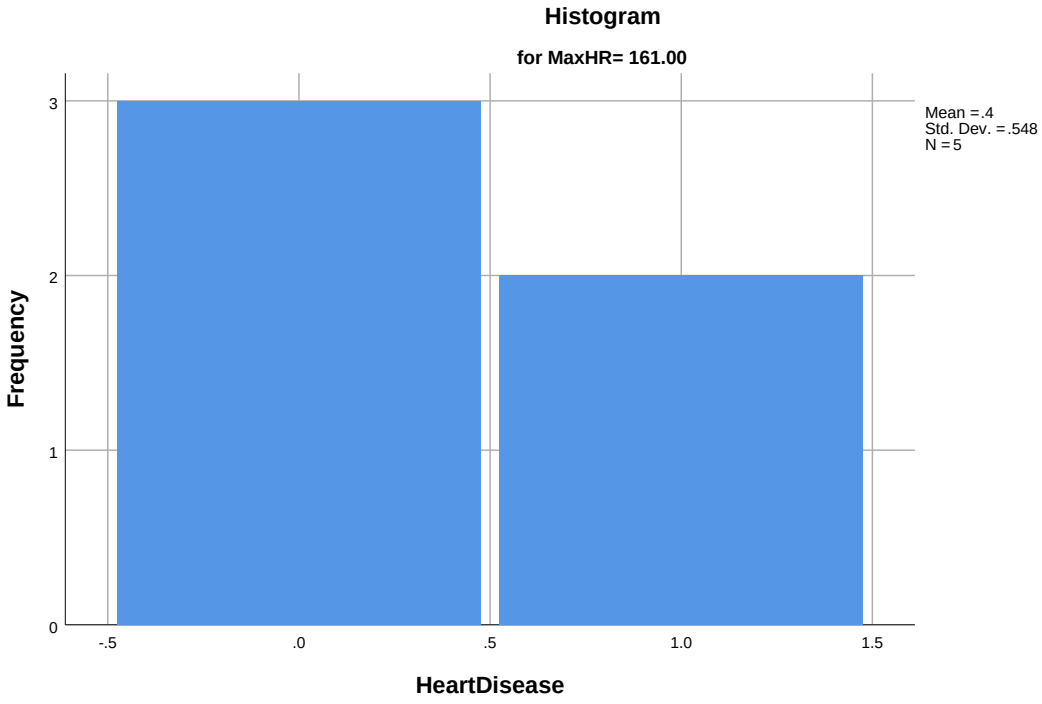

Histogram
for MaxHR= 156.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

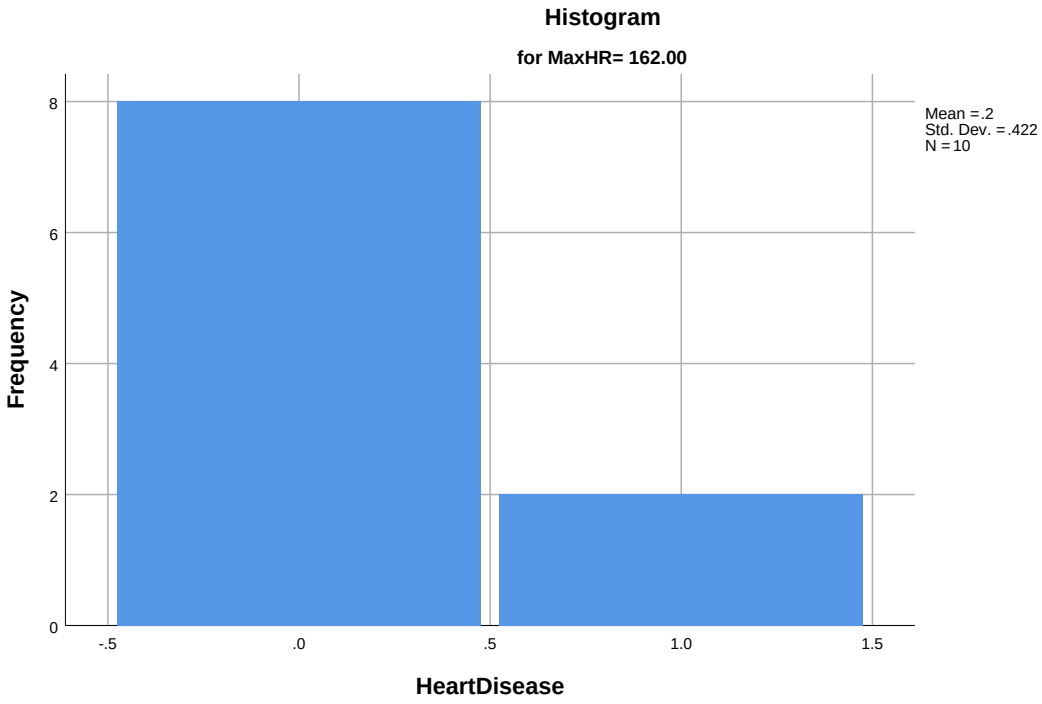

Histogram
for MaxHR= 157.00
Mean =.2
Std. Dev. =.447
N =5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

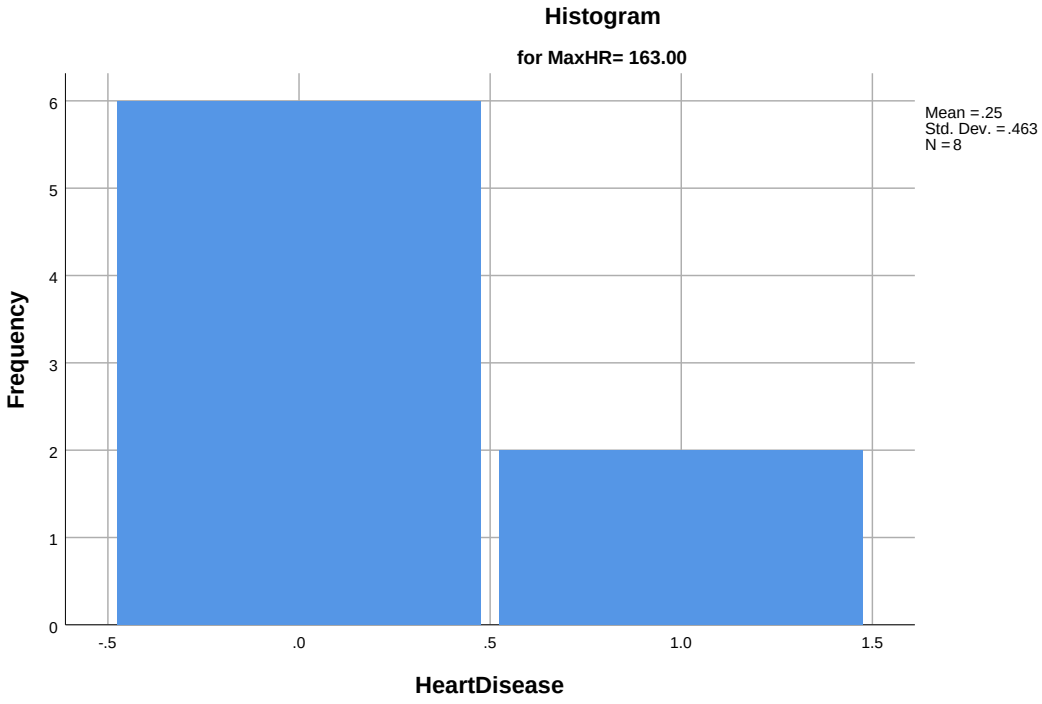

Histogram
for MaxHR= 158.00
Mean =.5
Std. Dev. =.548
N =6
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

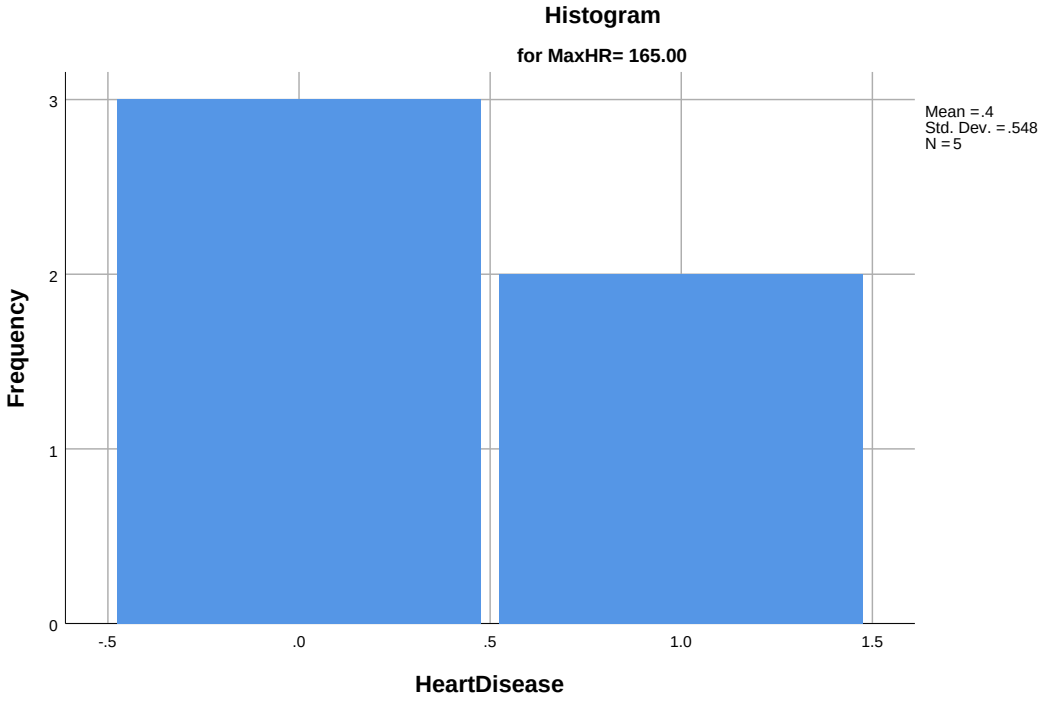

Histogram
for MaxHR= 159.00
Mean = .25
Std. Dev. = .5
N = 4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

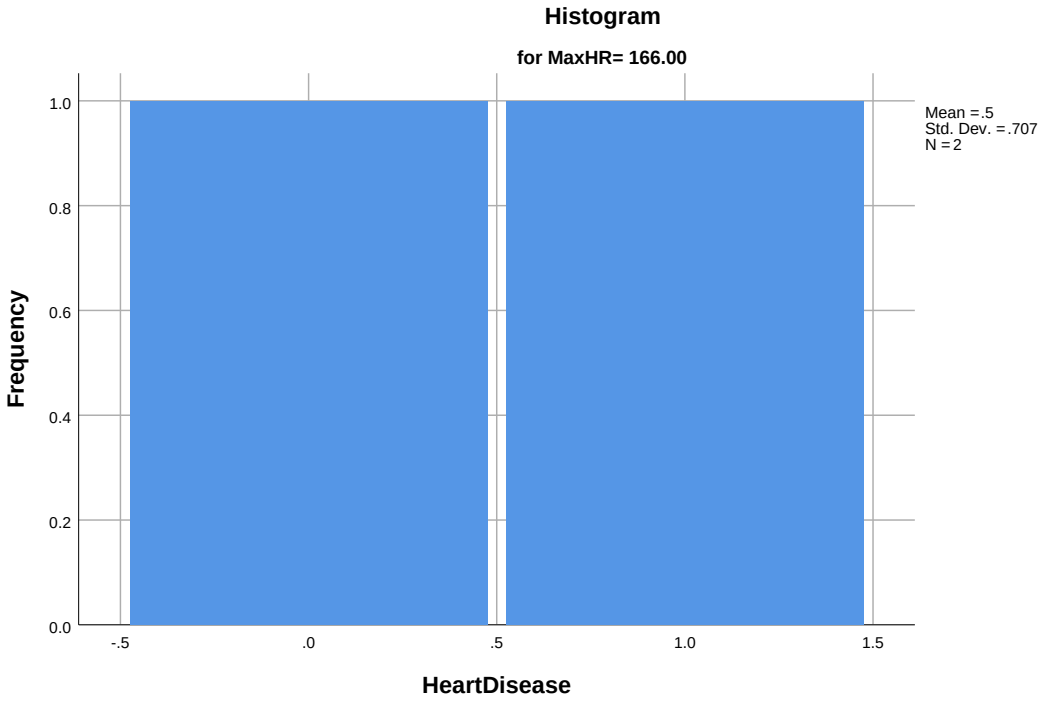

Histogram
for MaxHR= 160.00
Mean = .44
Std. Dev. = .527
N = 9
Frequency
0
1
2
3
4
5
-.5
.0
.5
1.0
1.5
HeartDisease

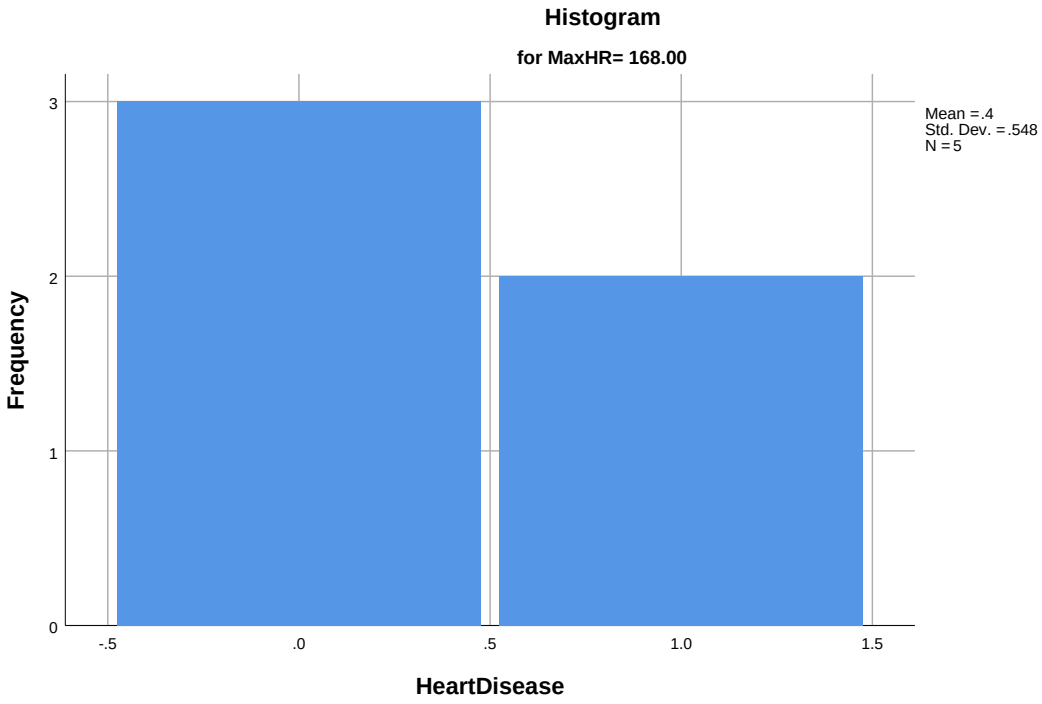

Histogram
for MaxHR= 161.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

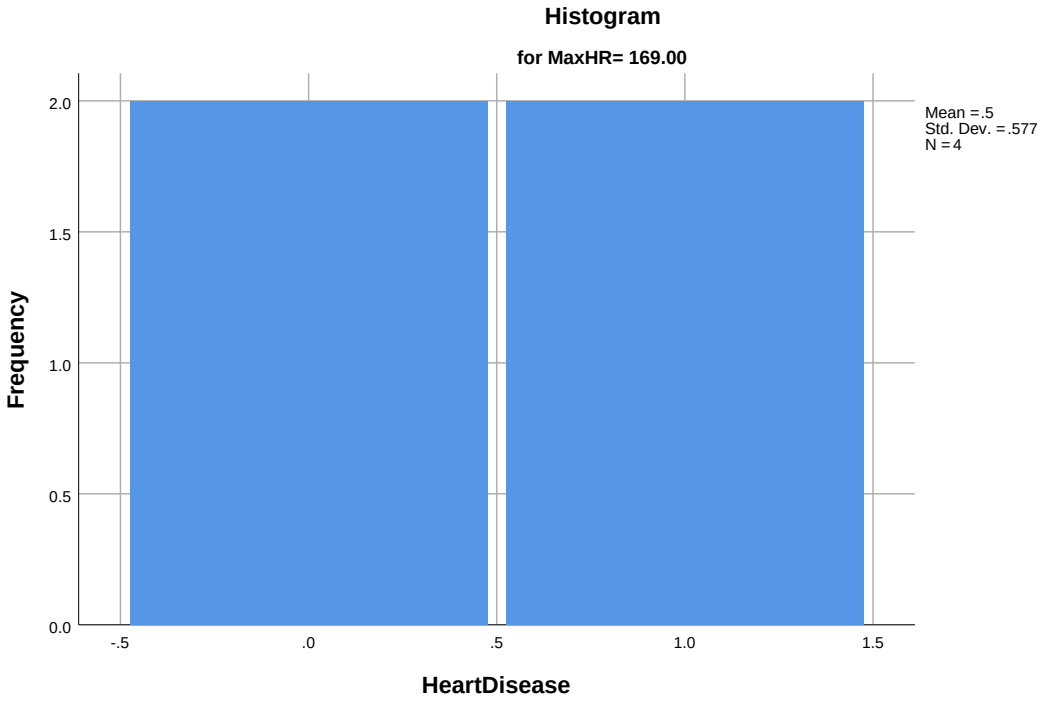

Histogram
for MaxHR= 162.00
Mean =.2
Std. Dev. =.422
N =10
Frequency
0
2
4
6
8
-.5
.0
.5
1.0
1.5
HeartDisease

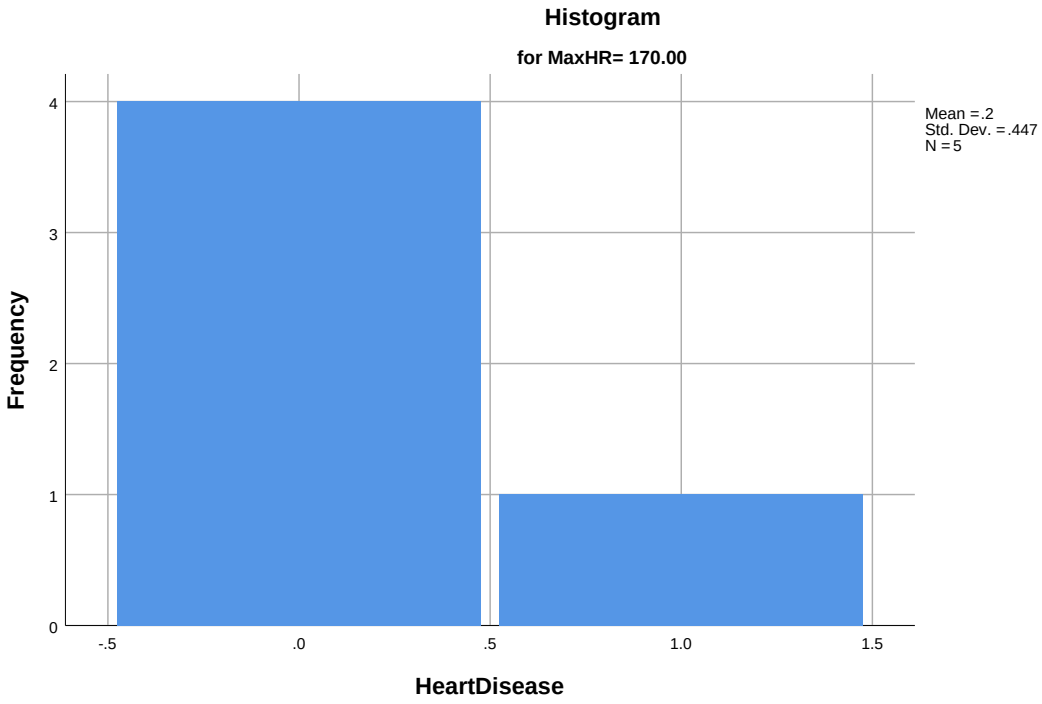

Histogram
for MaxHR= 163.00
Mean =.25
Std. Dev. =.463
N =8
Frequency
0
1
2
3
4
5
6
-.5
.0
.5
1.0
1.5
HeartDisease

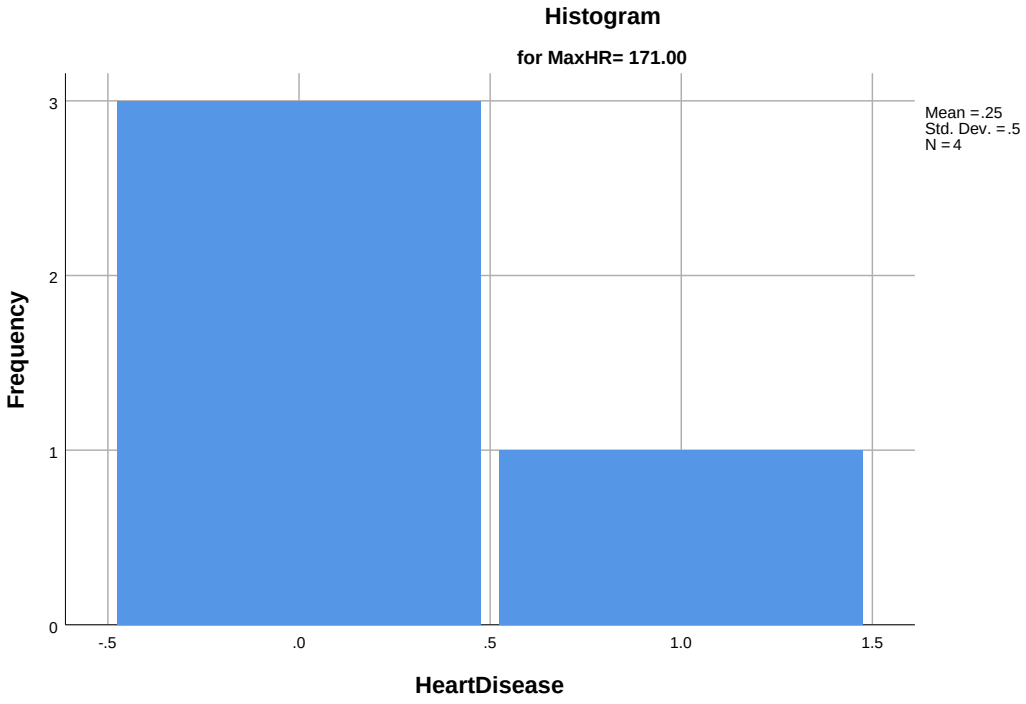

Histogram
for MaxHR= 165.00
Mean =.4
Std. Dev. =.548
N =5
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

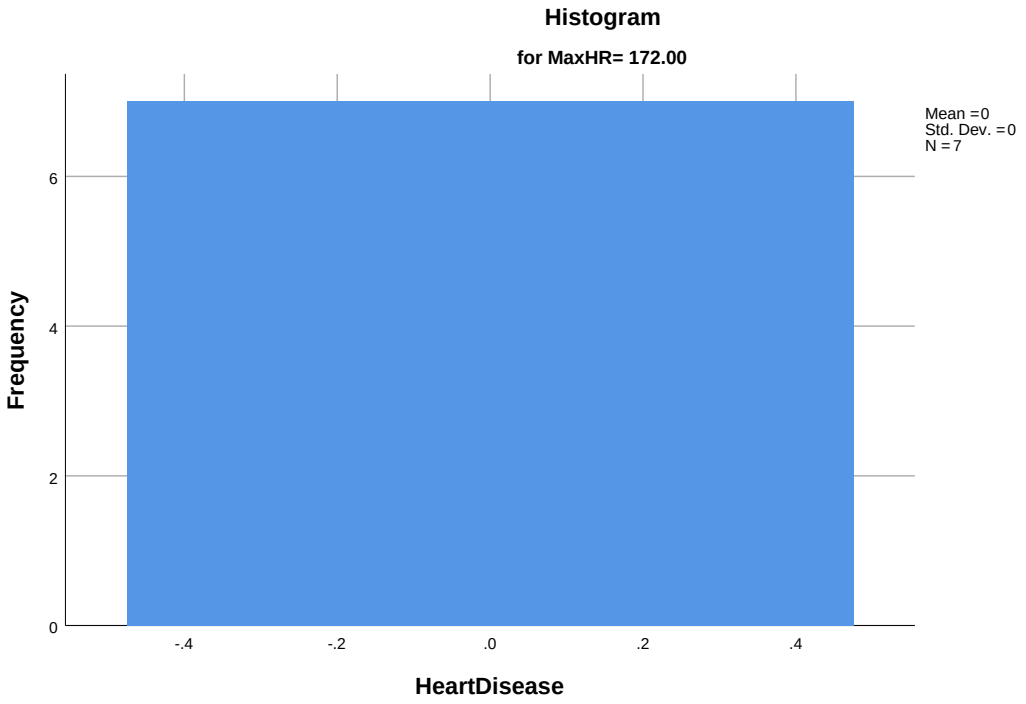

Histogram
for MaxHR= 166.00
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease
Mean =.5
Std. Dev. =.707
N =2

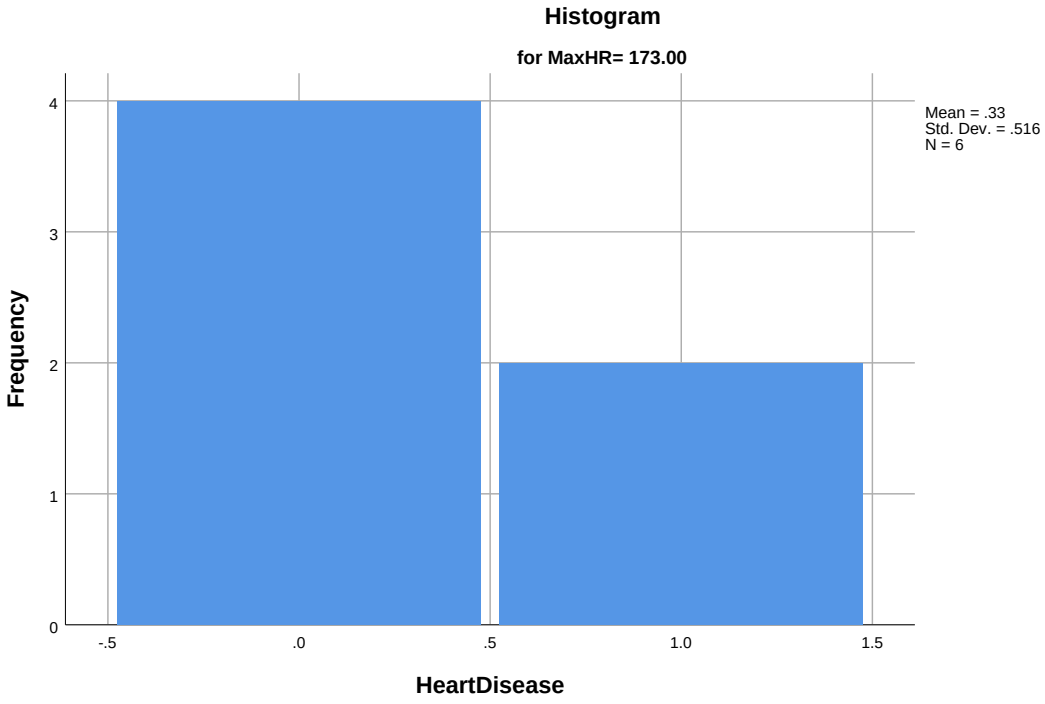

Histogram
for MaxHR= 168.00
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease
Mean =.4
Std. Dev. =.548
N =5

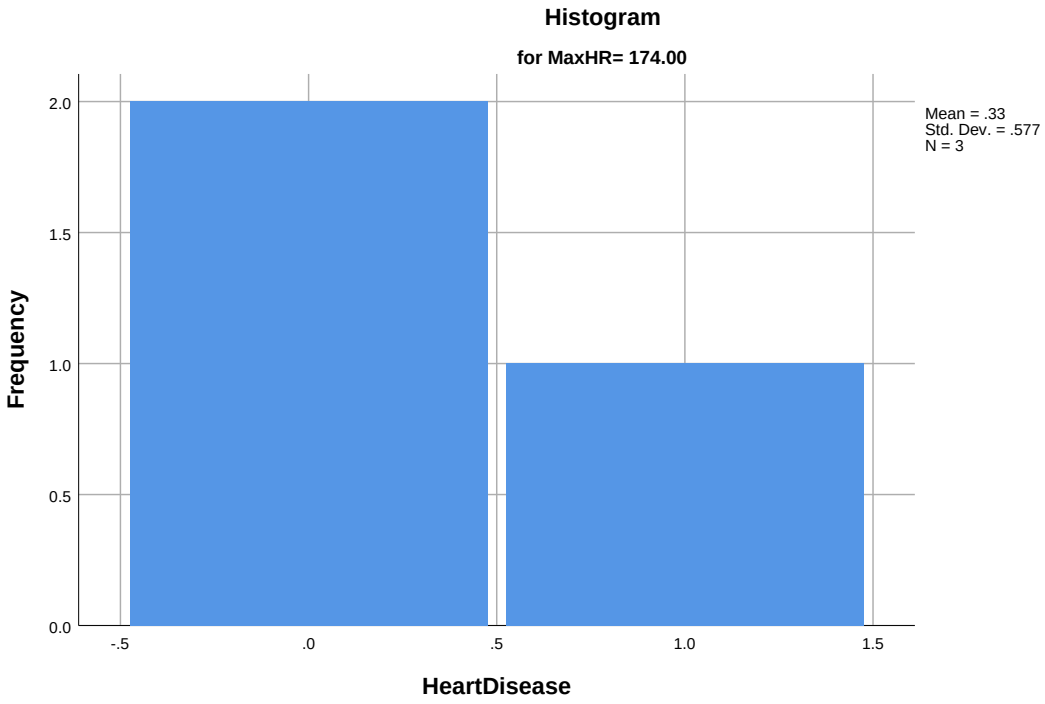

Histogram
for MaxHR= 169.00
Mean =.5
Std. Dev. =.577
N =4
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

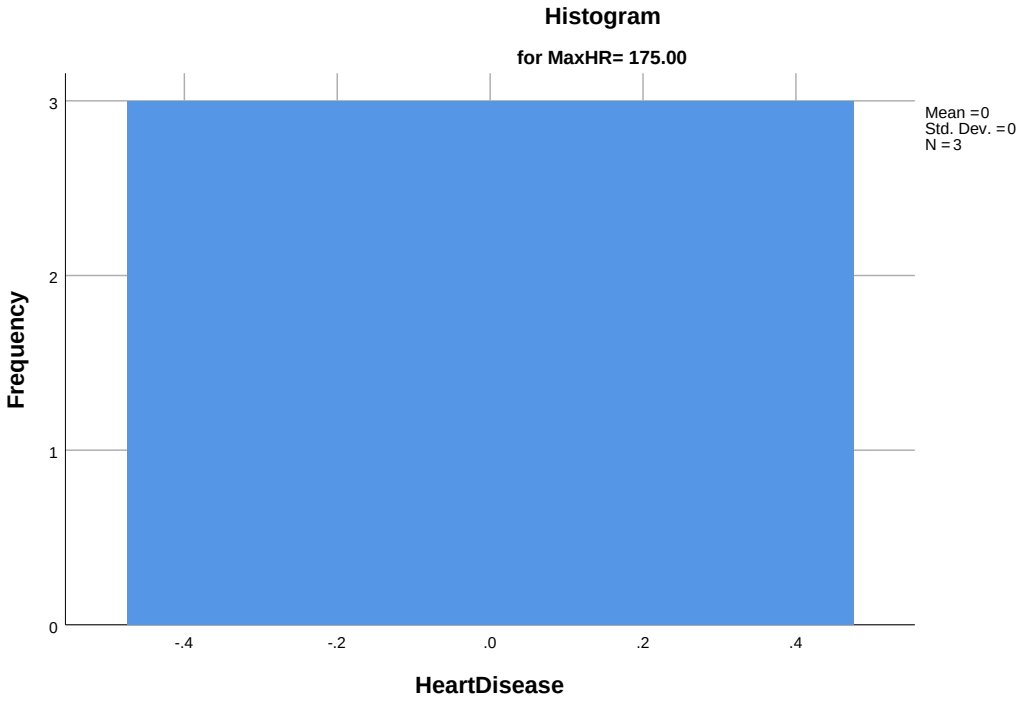

Histogram
for MaxHR= 170.00
Mean =.2
Std. Dev. =.447
N =5
Frequency
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

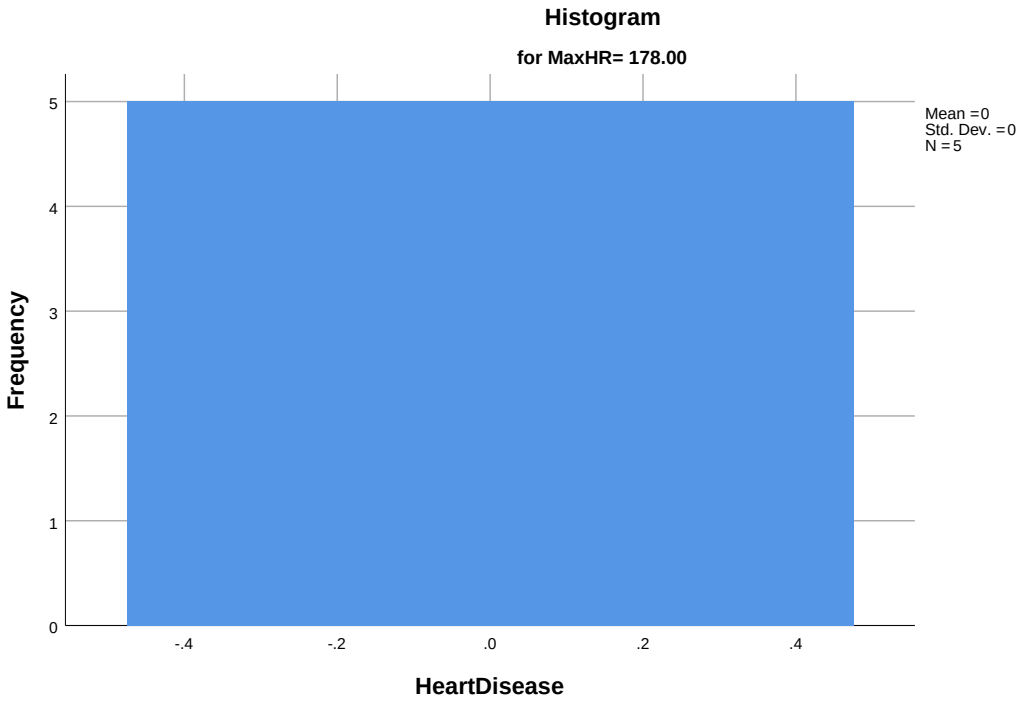

Histogram
for MaxHR= 171.00
Mean =.25
Std. Dev. =.5
N =4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

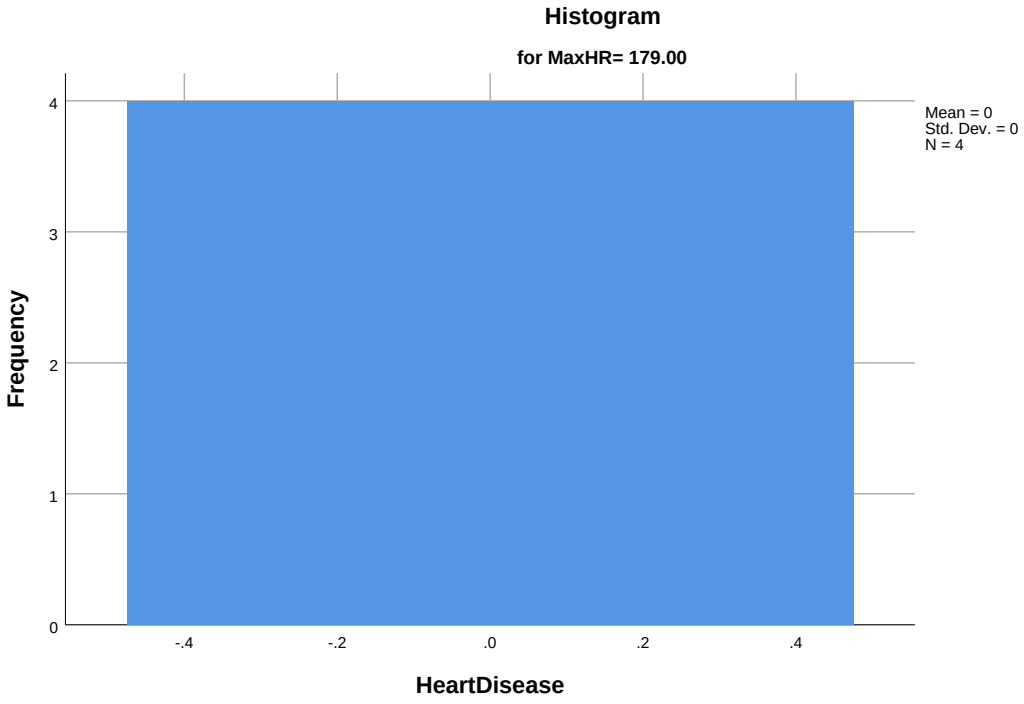

Histogram
for MaxHR= 172.00
Mean =0
Std. Dev. =0
N =7
Frequency
0
2
4
6
-.4
-.2
.0
.2
.4
HeartDisease

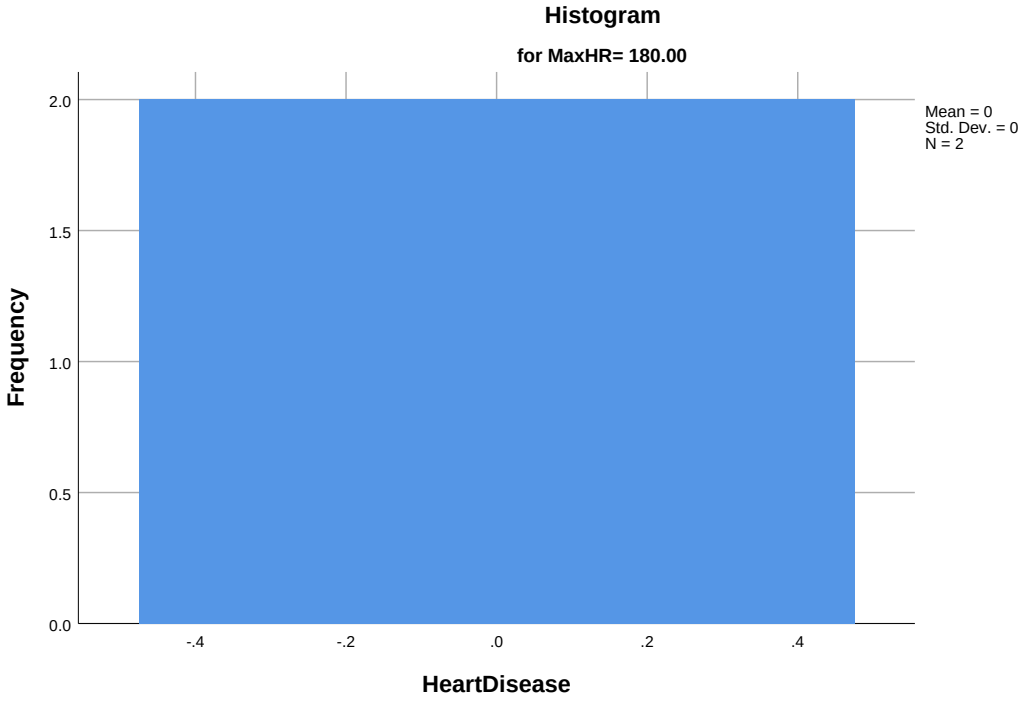

Histogram
for MaxHR= 173.00
Mean = .33
Std. Dev. = .516
N = 6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

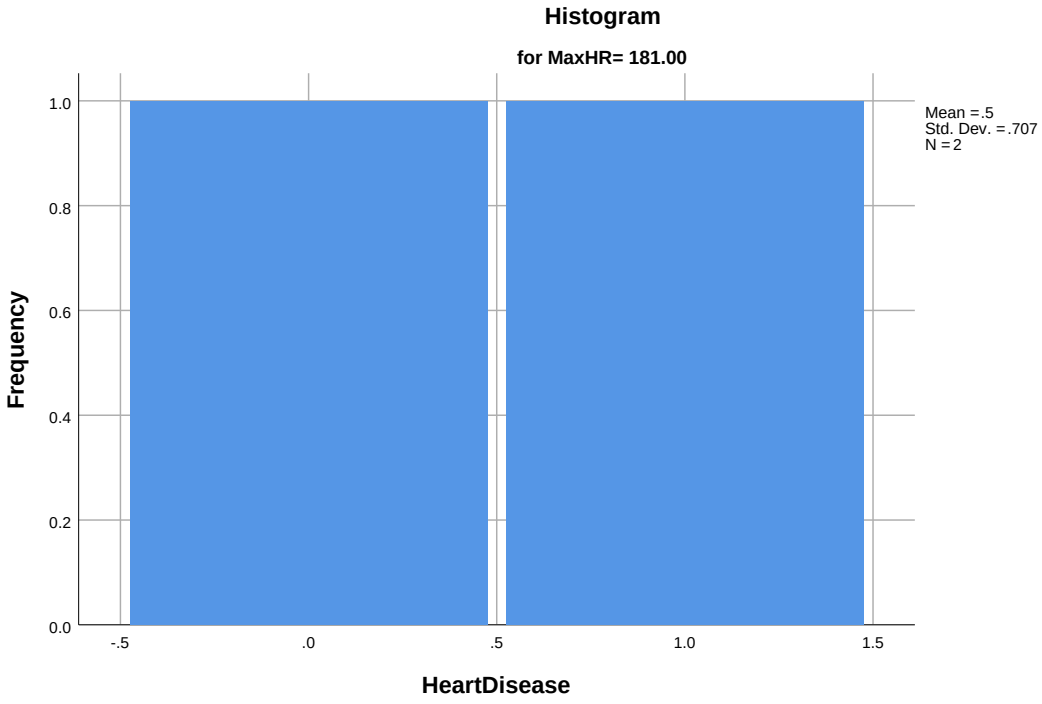

Histogram
for MaxHR= 174.00
Mean = .33
Std. Dev. = .577
N = 3
Frequency
0.0
0.5
1.0
1.5
2.0
-.5
.0
.5
1.0
1.5
HeartDisease

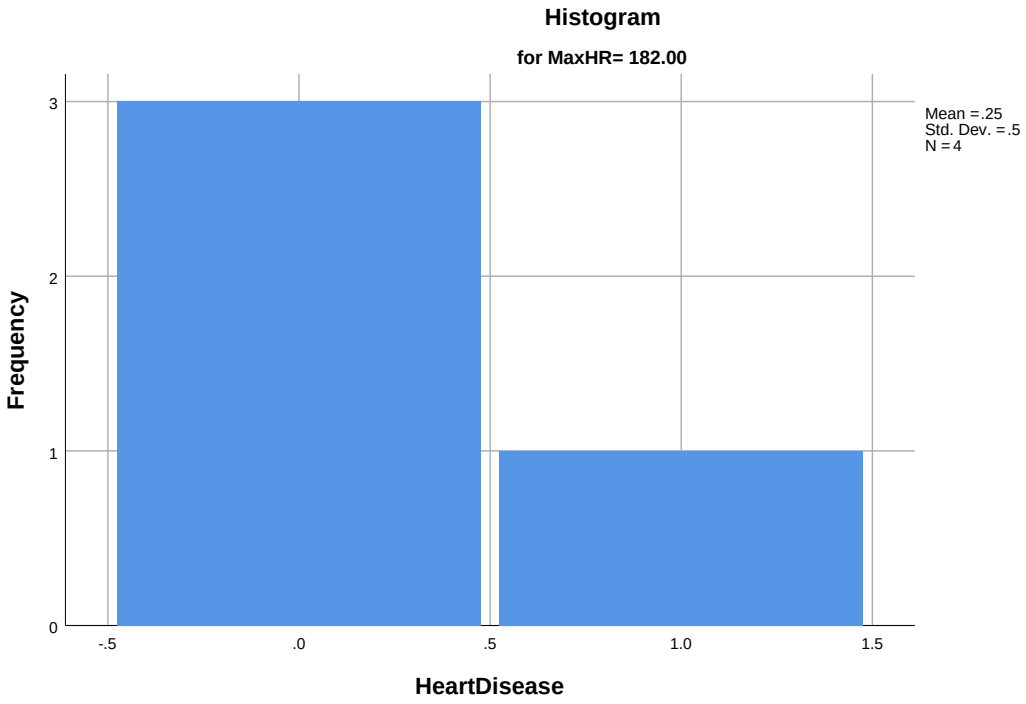

Histogram
for MaxHR= 175.00
Mean =0
Std. Dev. =0
N =3
Frequency
0
1
2
3
-.4
-.2
.0
.2
.4
HeartDisease

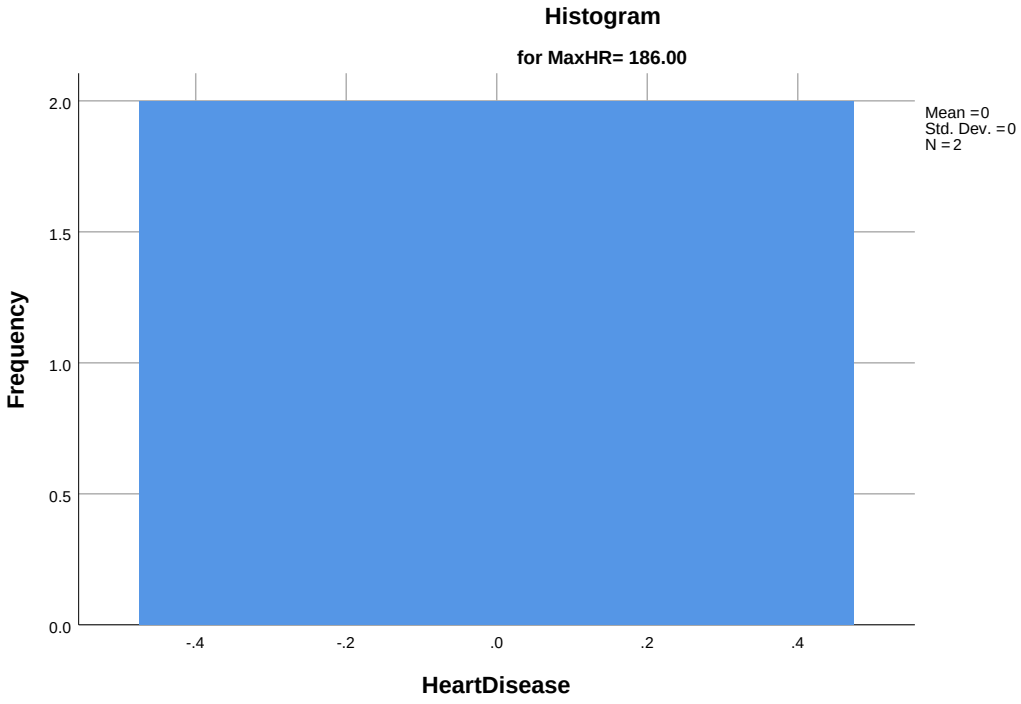

Histogram
for MaxHR= 178.00
Mean =0
Std. Dev. =0
N =5
Frequency
0
1
2
3
4
5
-.4
-.2
.0
.2
.4
HeartDisease


Histogram
for MaxHR= 179.00
Mean = 0
Std. Dev. = 0
N = 4
Frequency
0
1
2
3
4
-.4
-.2
.0
.2
.4
HeartDisease


Histogram
for MaxHR= 180.00
Mean = 0
Std. Dev. = 0
N = 2
Frequency
0.0
0.5
1.0
1.5
2.0
-.4
-.2
.0
.2
.4
HeartDisease


Histogram
for MaxHR= 181.00
Mean =.5
Std. Dev. =.707
N = 2
Frequency
1.0
0.8
0.6
0.4
0.2
0.0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for MaxHR= 182.00
Mean =.25
Std. Dev. =.5
N = 4
Frequency
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease



Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
MaxHR= 96.00

Frequency	Stem &	Leaf
1.00	0 .	0
1.00	1 .	0

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

HeartDisease Stem-and-Leaf Plot for
MaxHR= 103.00

Frequency	Stem &	Leaf
2.00	1 .	00

Stem width: 1

```
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 105.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 108.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 109.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 111.00
```

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 112.00

```
 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 114.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 116.00

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 120.00

 Frequency    Stem &  Leaf

     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 122.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 125.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     5.00        1 .  00000

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 126.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
      .00        0 .
     3.00        1 .  000

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 130.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 131.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 132.00

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<.0)
     5.00        1 .  00000

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 133.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 138.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 139.00

 Frequency    Stem &  Leaf
```

```
     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 140.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 141.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 142.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     4.00        1 .  0000
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 143.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
     1.00 Extremes    (>=1)

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 144.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
      .00        0 .
     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 145.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
      .00        0 .
     3.00        1 .  000

 Stem width:         1
```

```
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 146.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 147.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     3.00        1 .  000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 148.00

 Frequency    Stem &  Leaf

     3.00        0 .  000

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

```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 149.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 150.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     4.00        1 .  0000

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 151.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 152.00

 Frequency    Stem &  Leaf
```

```
     4.00        0 .  0000
      .00        0 .
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 153.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 154.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 155.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 156.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 157.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
     1.00 Extremes    (>=1)

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 158.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     3.00        1 .  000

 Stem width:         1
```

```
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
MaxHR= 159.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 160.00

 Frequency    Stem &  Leaf

     5.00        0 .  00000
      .00        0 .
     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 161.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 162.00

 Frequency    Stem &  Leaf

     8.00        0 .  00000000
     2.00 Extremes    (>=1)

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 163.00

 Frequency    Stem &  Leaf

     6.00        0 .  000000
      .00        0 .
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 165.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 166.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 168.00

 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 169.00

 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     2.00        1 .  00

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



HeartDisease Stem-and-Leaf Plot for
MaxHR= 170.00
```

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
MaxHR= 171.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 172.00

```
 Frequency    Stem &  Leaf

     7.00        0 .  0000000

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

HeartDisease Stem-and-Leaf Plot for
MaxHR= 173.00

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
```

```
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 174.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
MaxHR= 175.00

```
 Frequency    Stem &  Leaf

     3.00        0 .  000

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

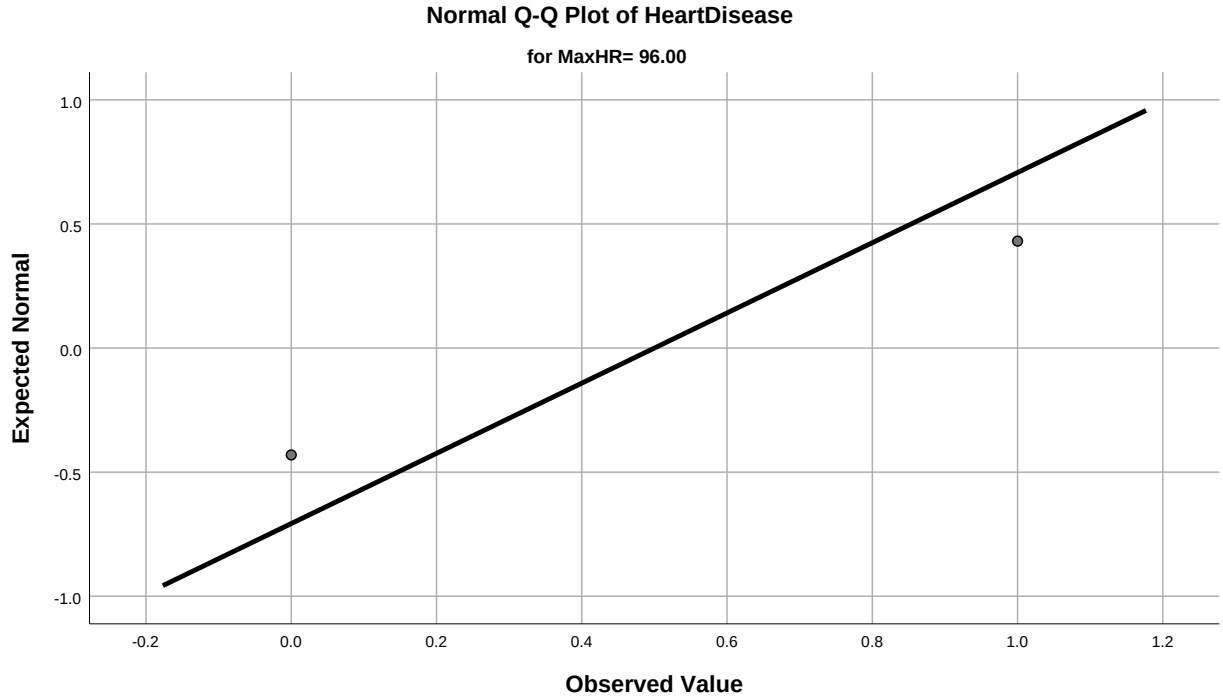
HeartDisease Stem-and-Leaf Plot for
MaxHR= 178.00

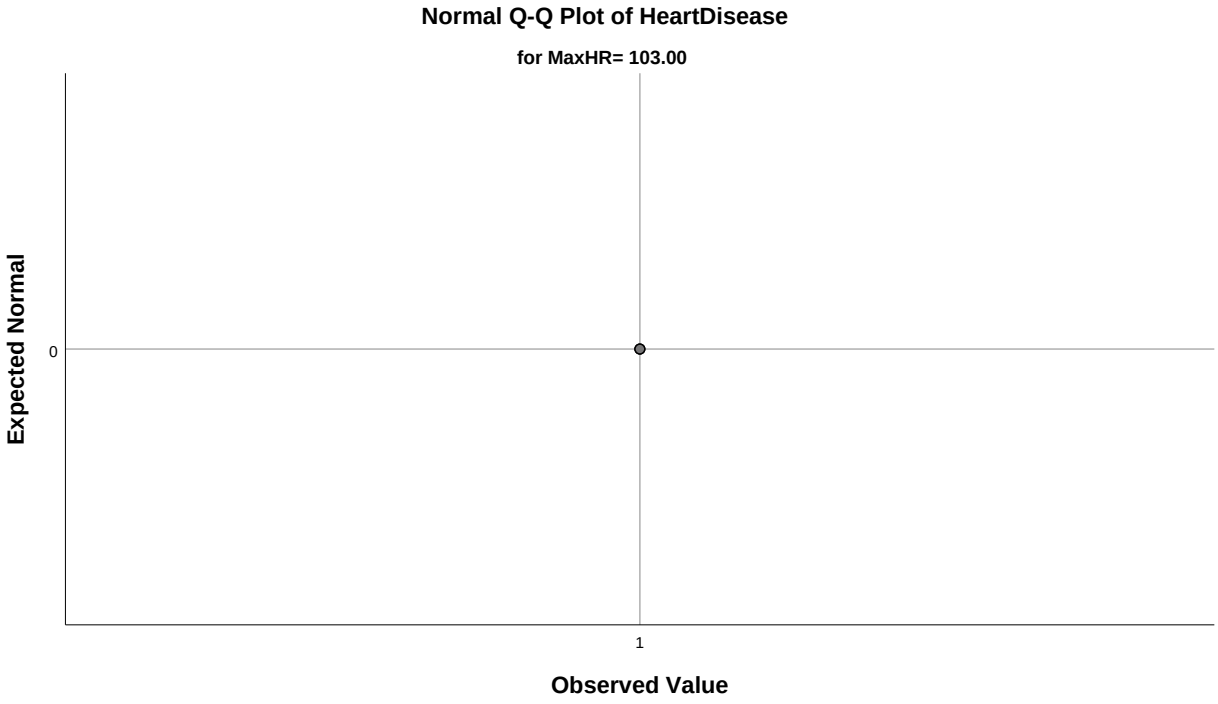
```
 Frequency    Stem &  Leaf

     5.00        0 .  00000

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

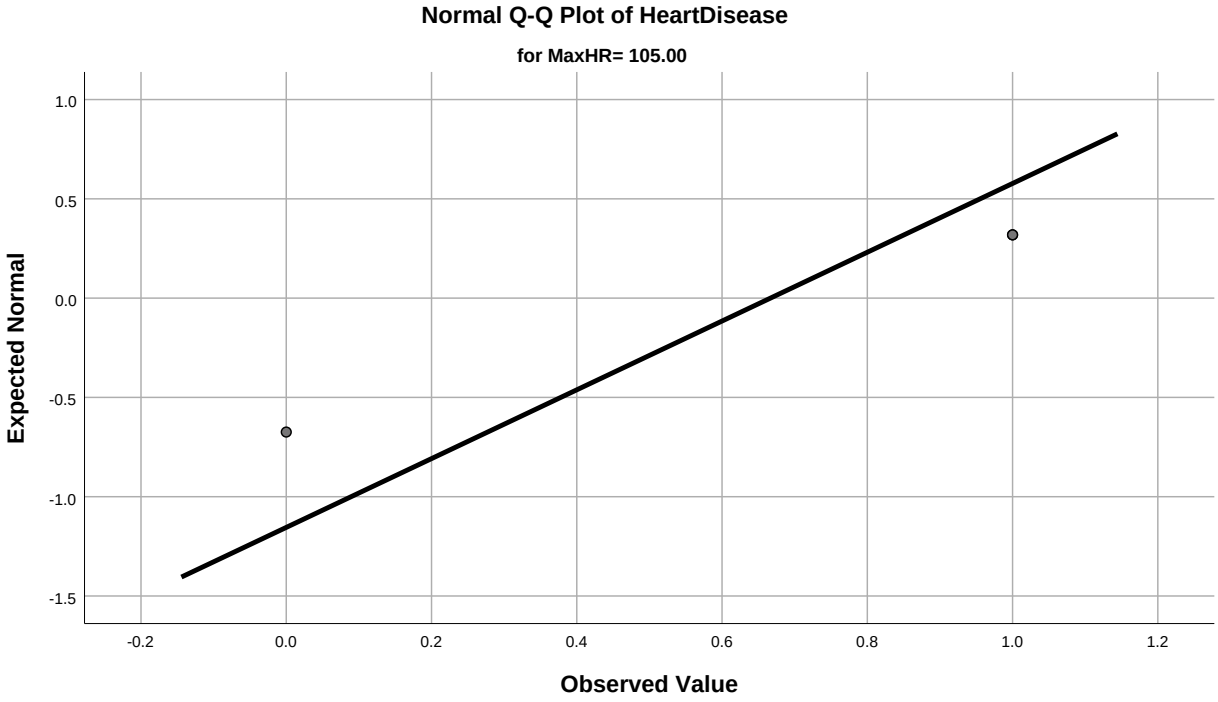
```
HeartDisease Stem-and-Leaf Plot for
MaxHR= 179.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 180.00

 Frequency    Stem &  Leaf

     2.00        0 .  00

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 181.00

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 182.00

 Frequency    Stem &  Leaf
```

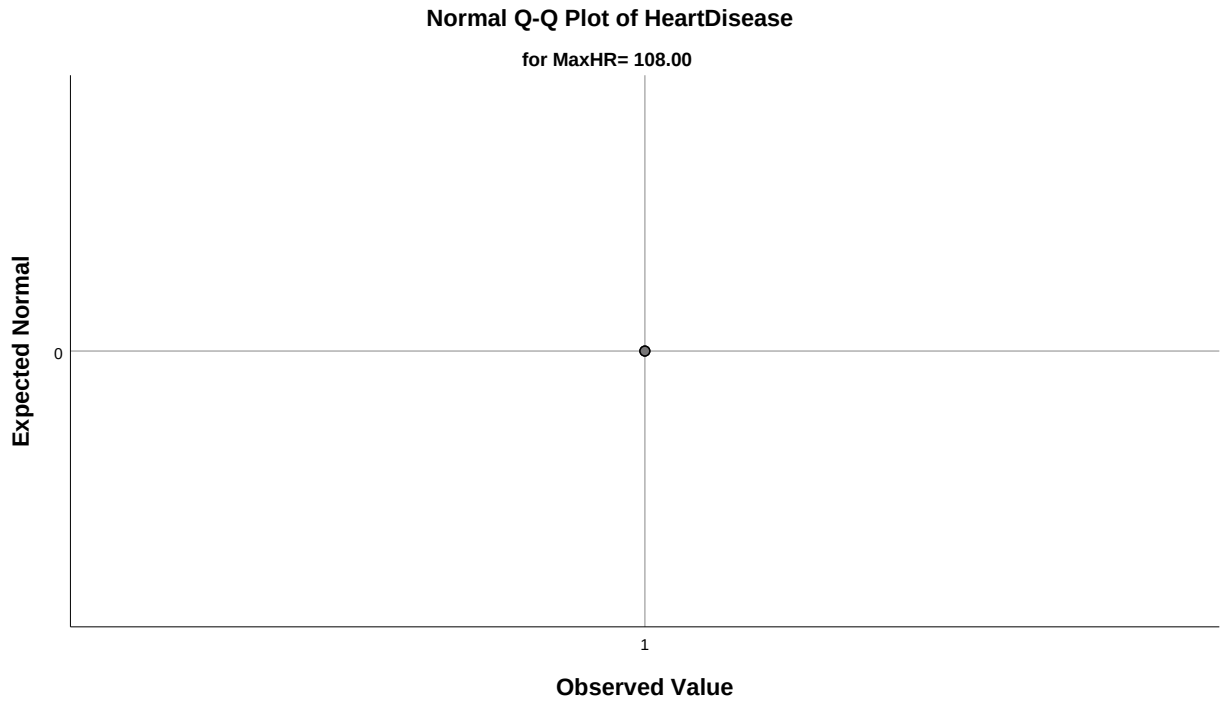
```
    3.00        0 .  000
     .00        0 .
    1.00        1 .  0

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


HeartDisease Stem-and-Leaf Plot for
MaxHR= 186.00

 Frequency    Stem &  Leaf

    2.00        0 .  00

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

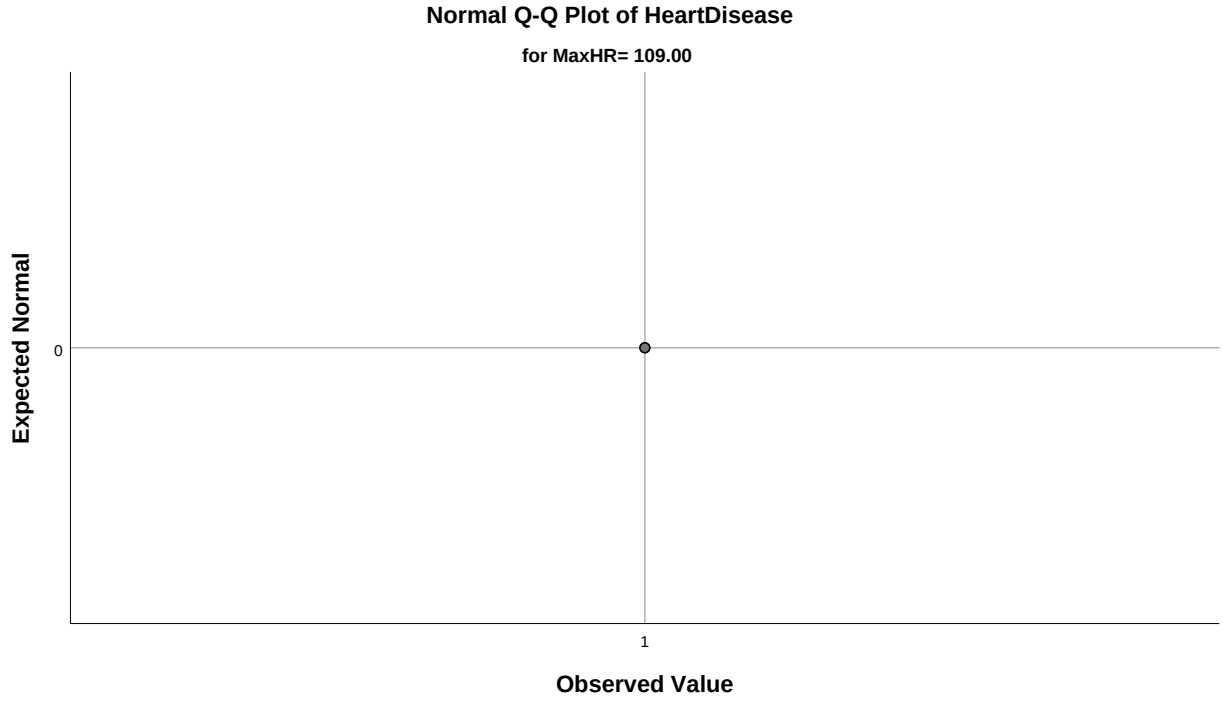
Normal Q-Q Plots



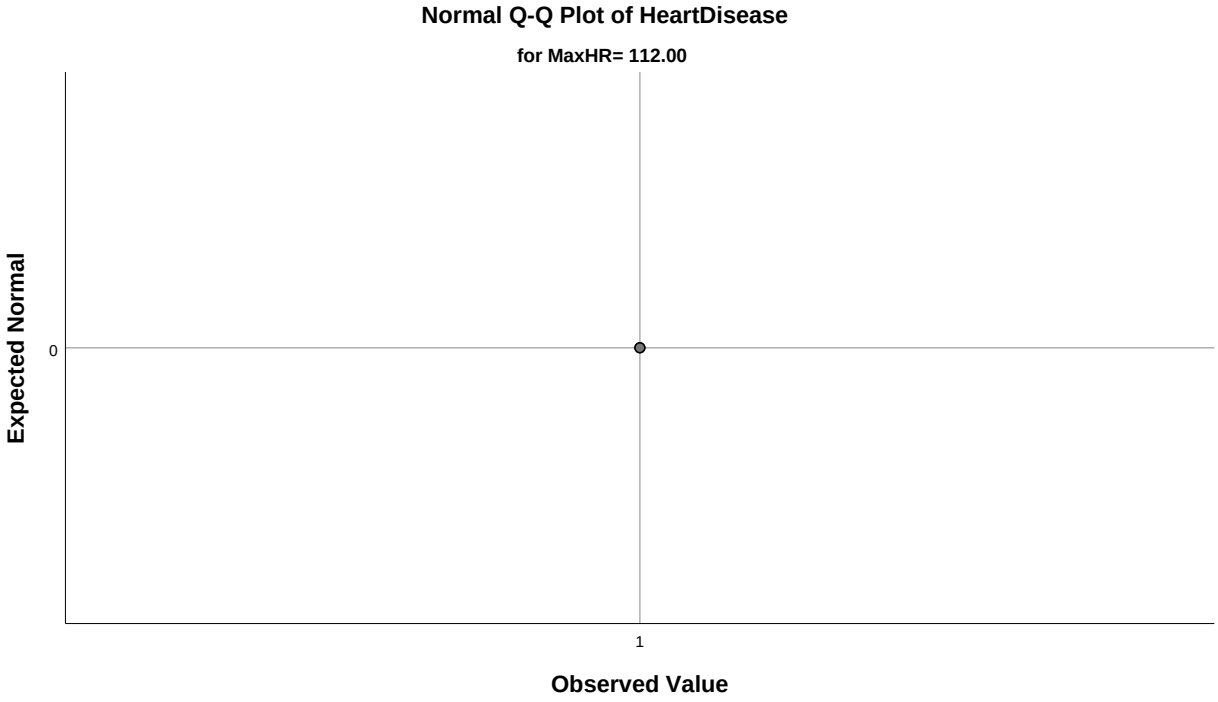

Normal Q-Q Plot of HeartDisease
for MaxHR= 103.00
Expected Normal
0
1
Observed Value


Normal Q-Q Plot of HeartDisease
for MaxHR= 105.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

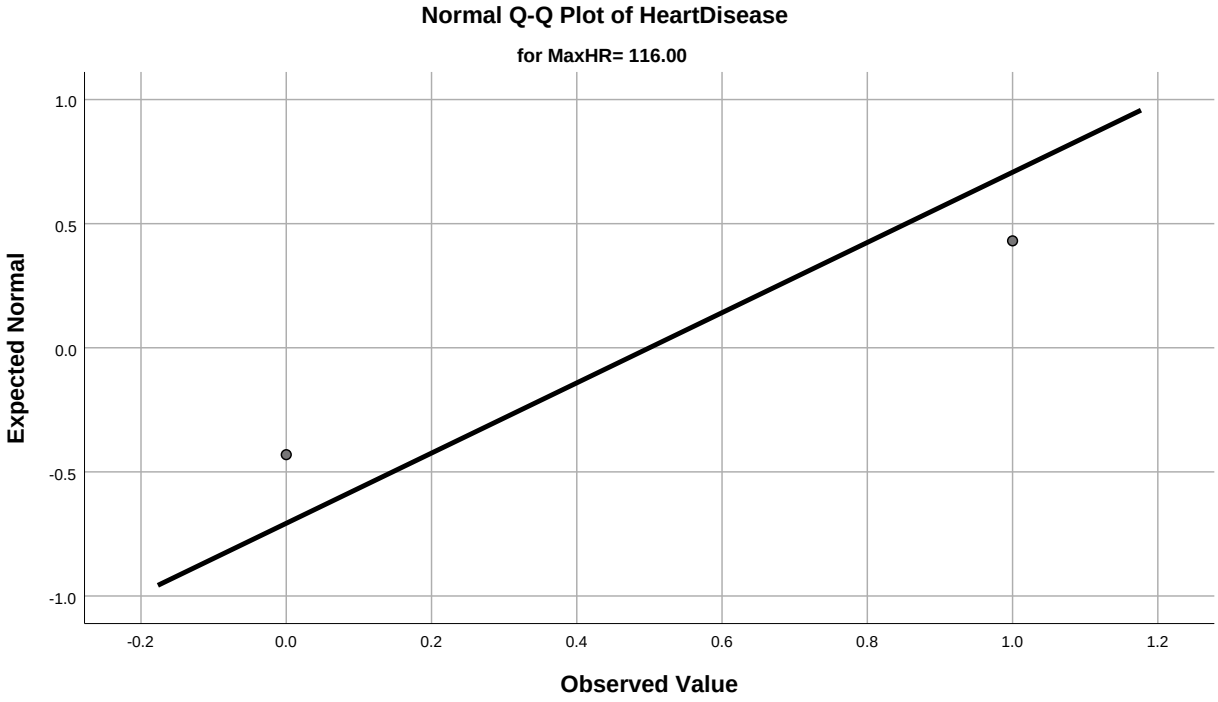

Normal Q-Q Plot of HeartDisease
for MaxHR= 108.00
Expected Normal
0
1
Observed Value

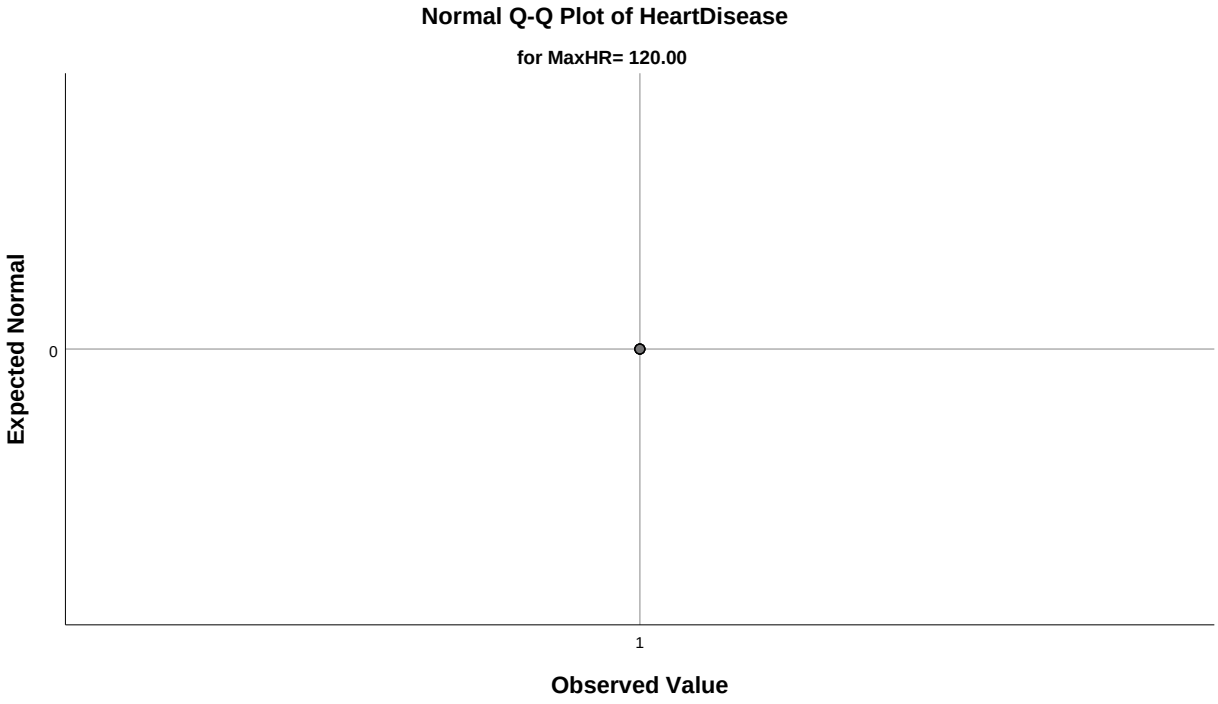

Normal Q-Q Plot of HeartDisease
for MaxHR= 109.00
Expected Normal
0
1
Observed Value

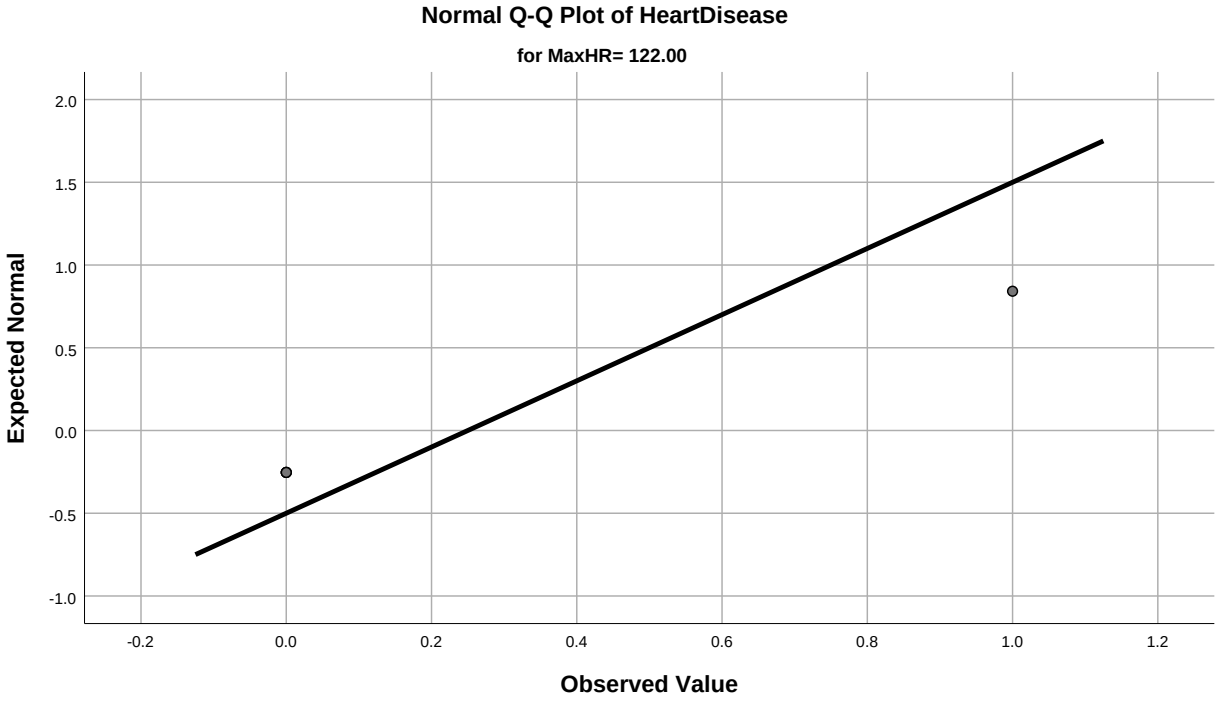
Normal Q-Q Plot of HeartDisease
for MaxHR= 111.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

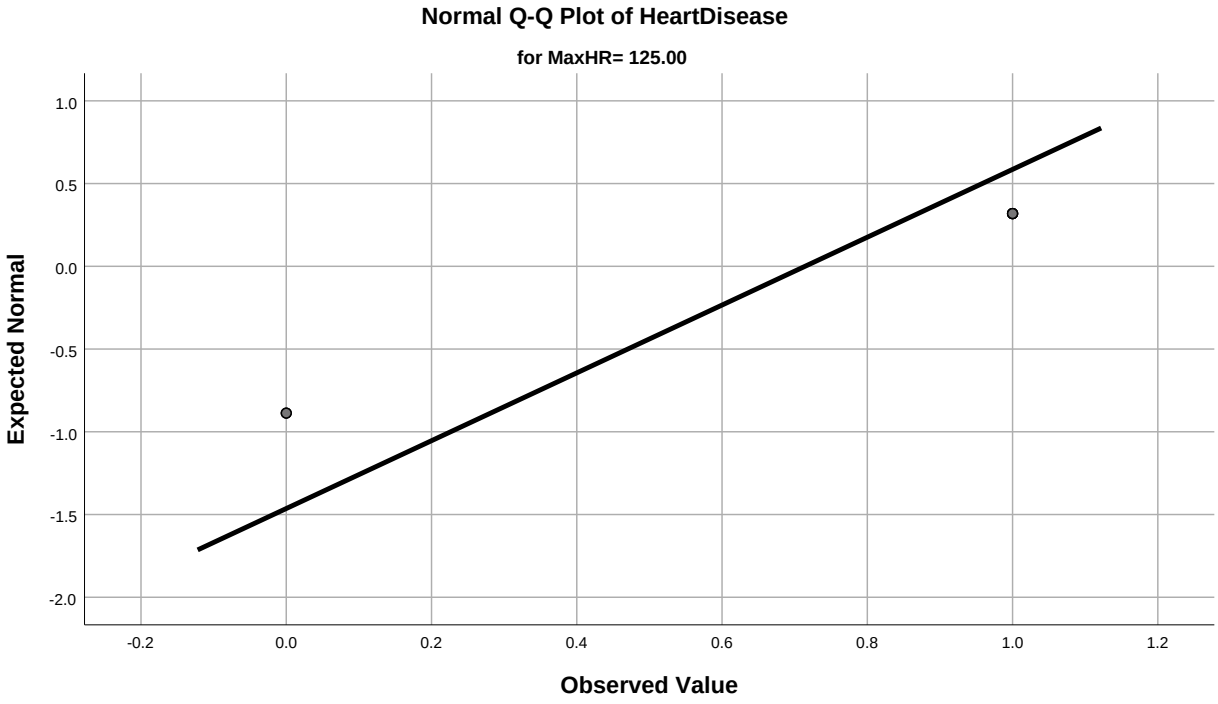

Normal Q-Q Plot of HeartDisease
for MaxHR= 112.00
Expected Normal
0
1
Observed Value

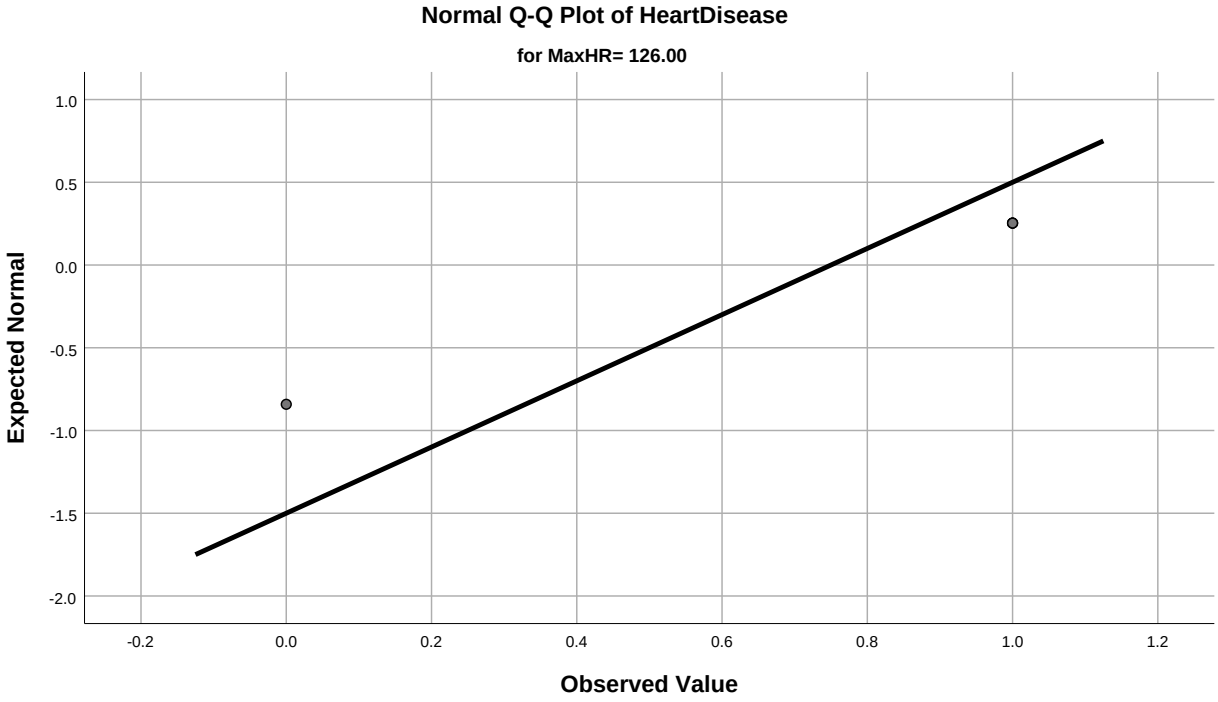
Normal Q-Q Plot of HeartDisease
for MaxHR= 114.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for MaxHR= 116.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

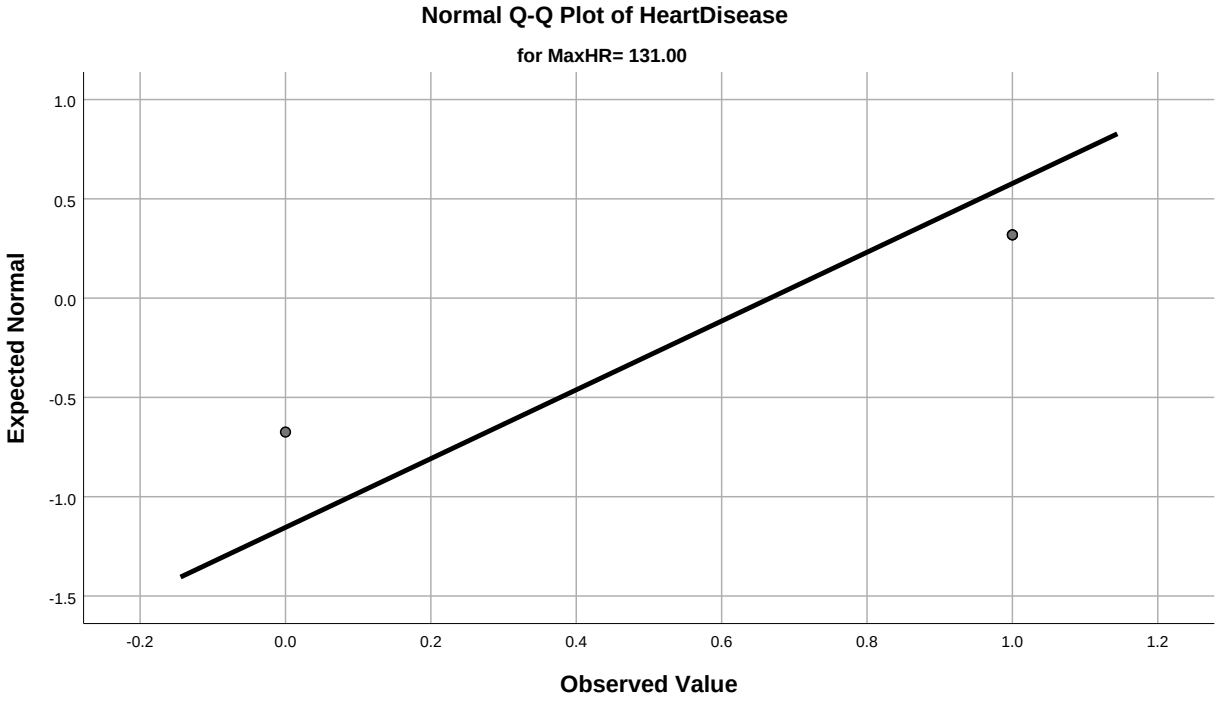

Normal Q-Q Plot of HeartDisease
for MaxHR= 120.00
Expected Normal
0
1
Observed Value

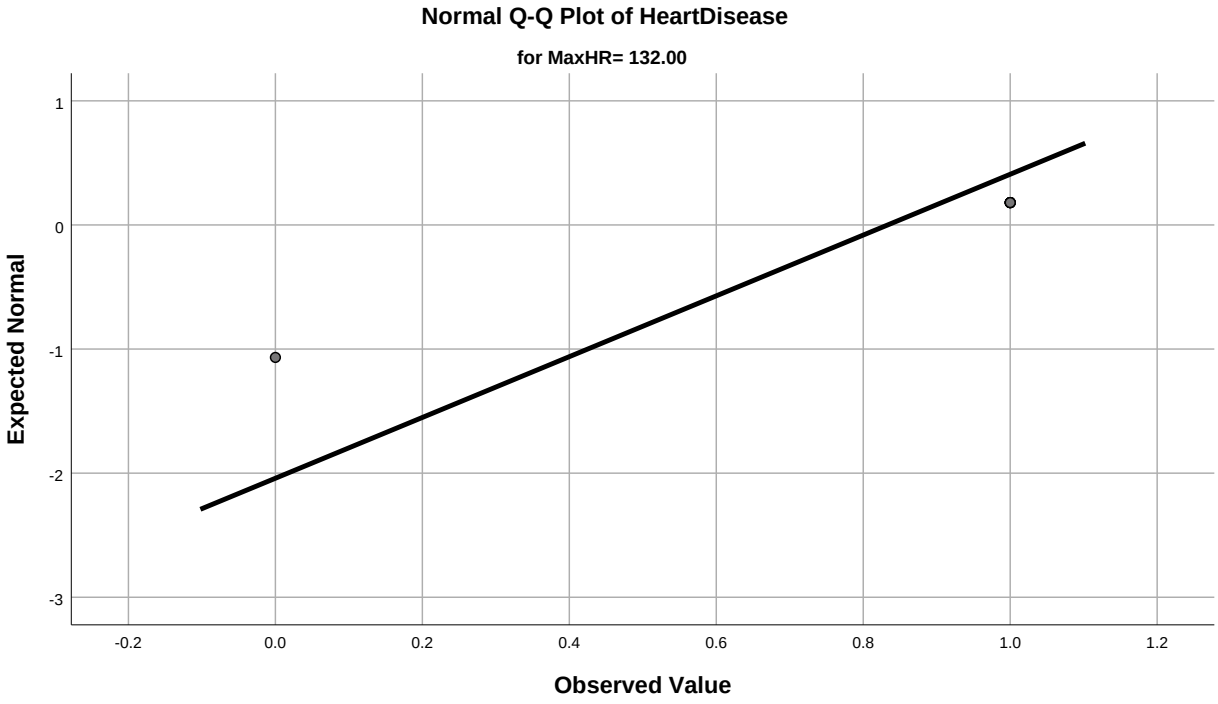

Normal Q-Q Plot of HeartDisease
for MaxHR= 122.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

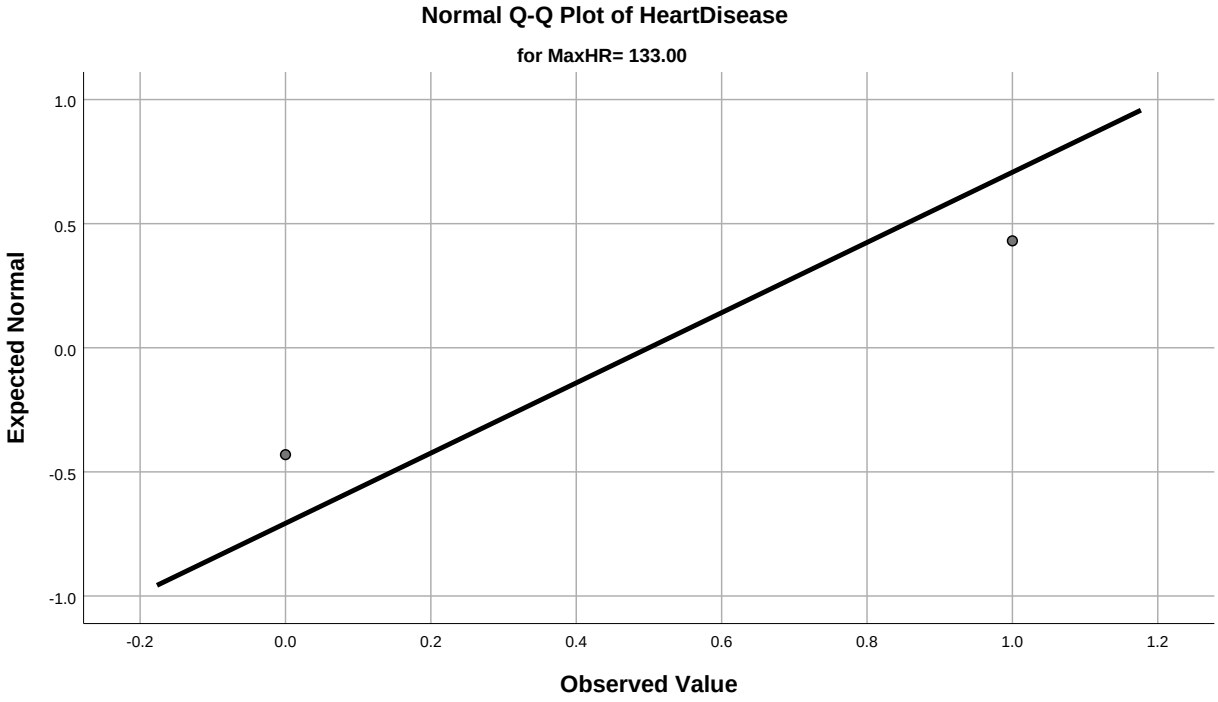

Normal Q-Q Plot of HeartDisease
for MaxHR= 125.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

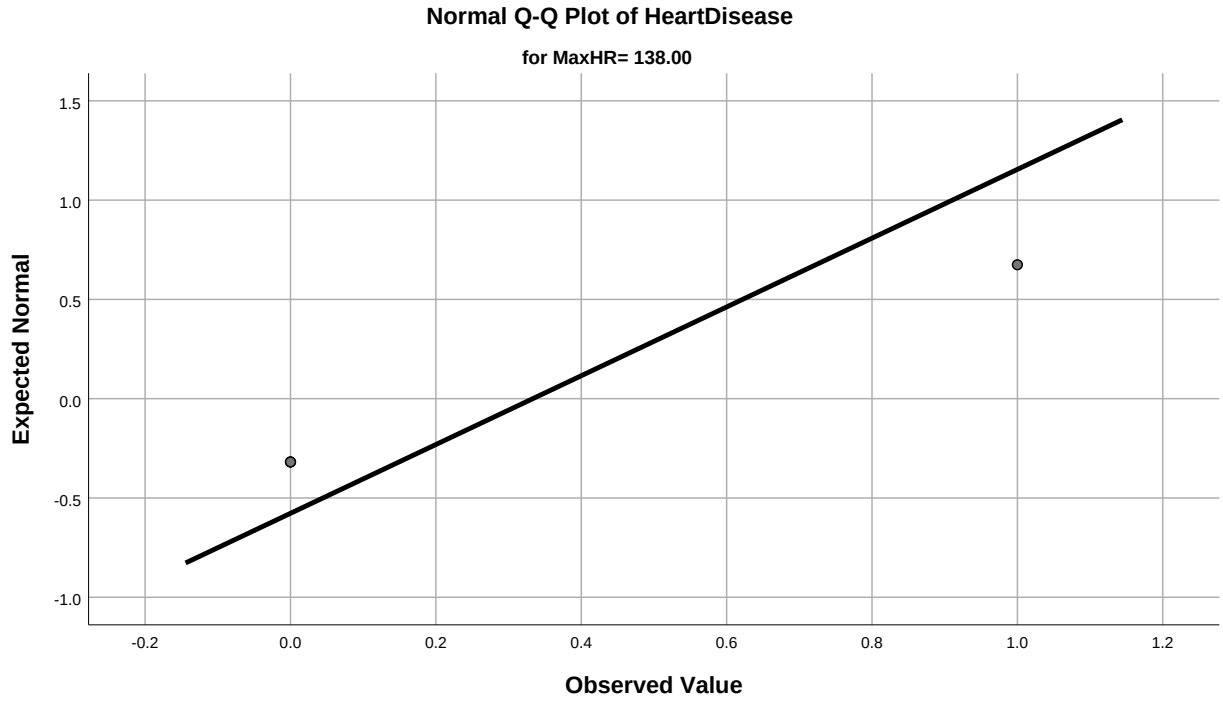

Normal Q-Q Plot of HeartDisease
for MaxHR= 126.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

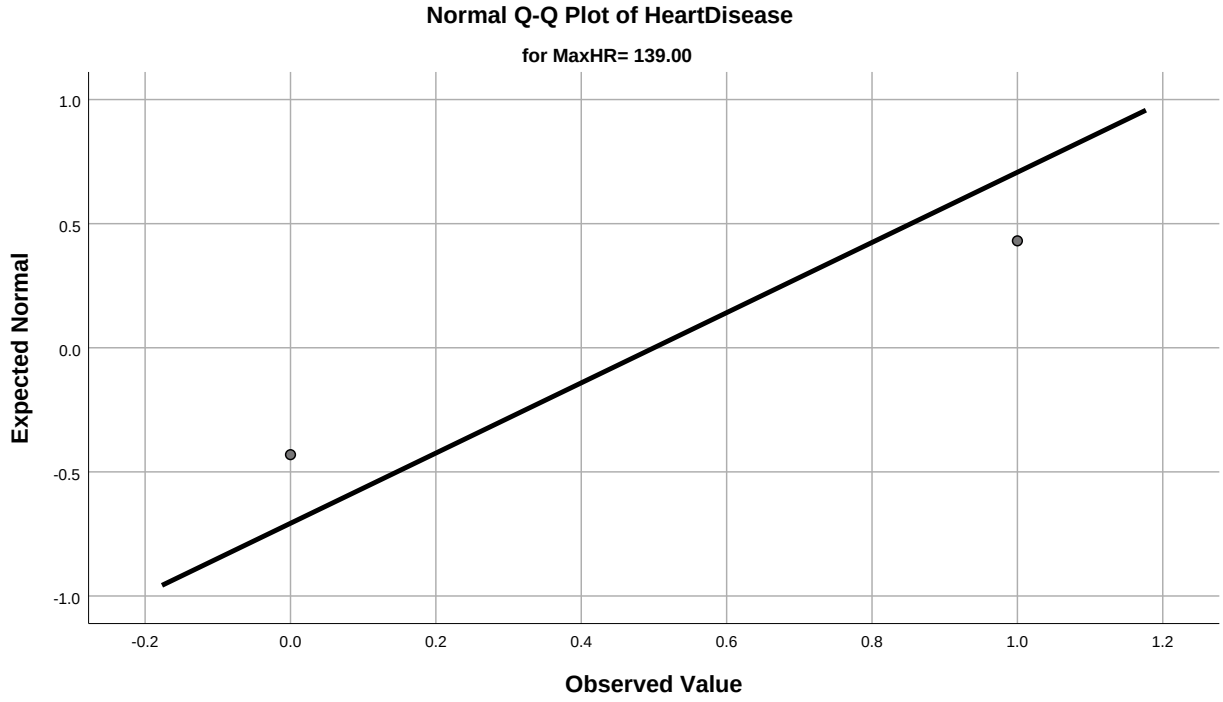
Normal Q-Q Plot of HeartDisease
for MaxHR= 130.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

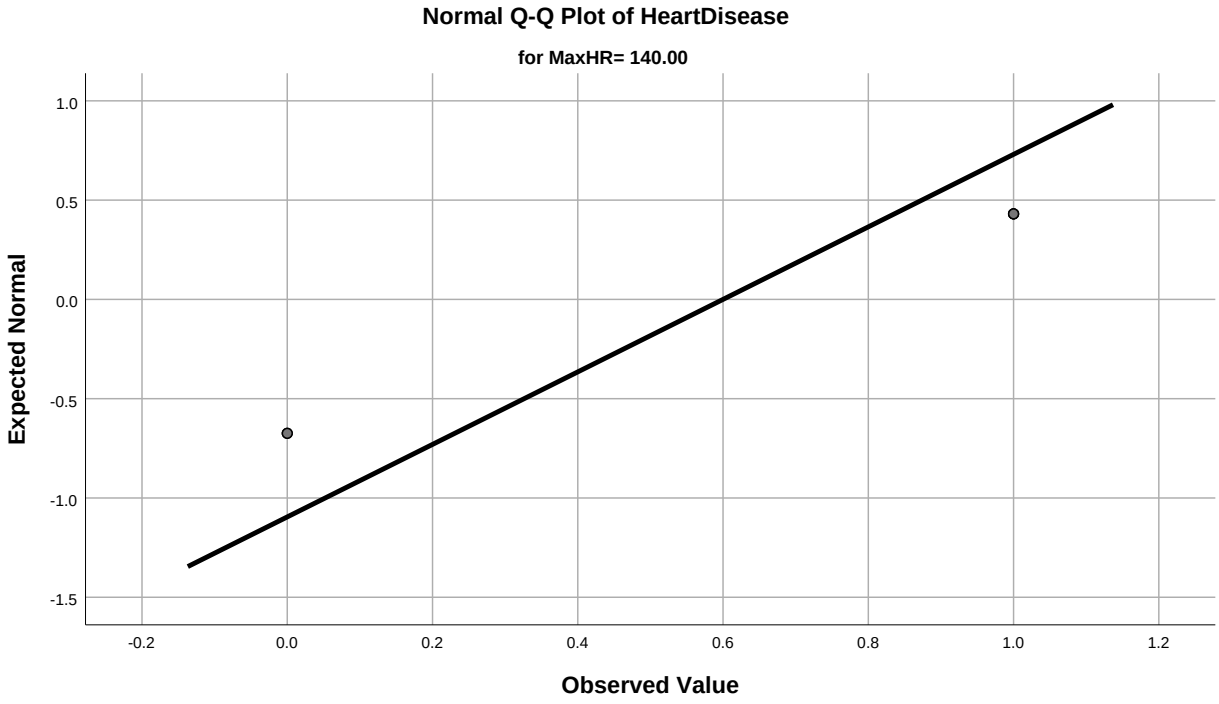

Normal Q-Q Plot of HeartDisease
for MaxHR= 131.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

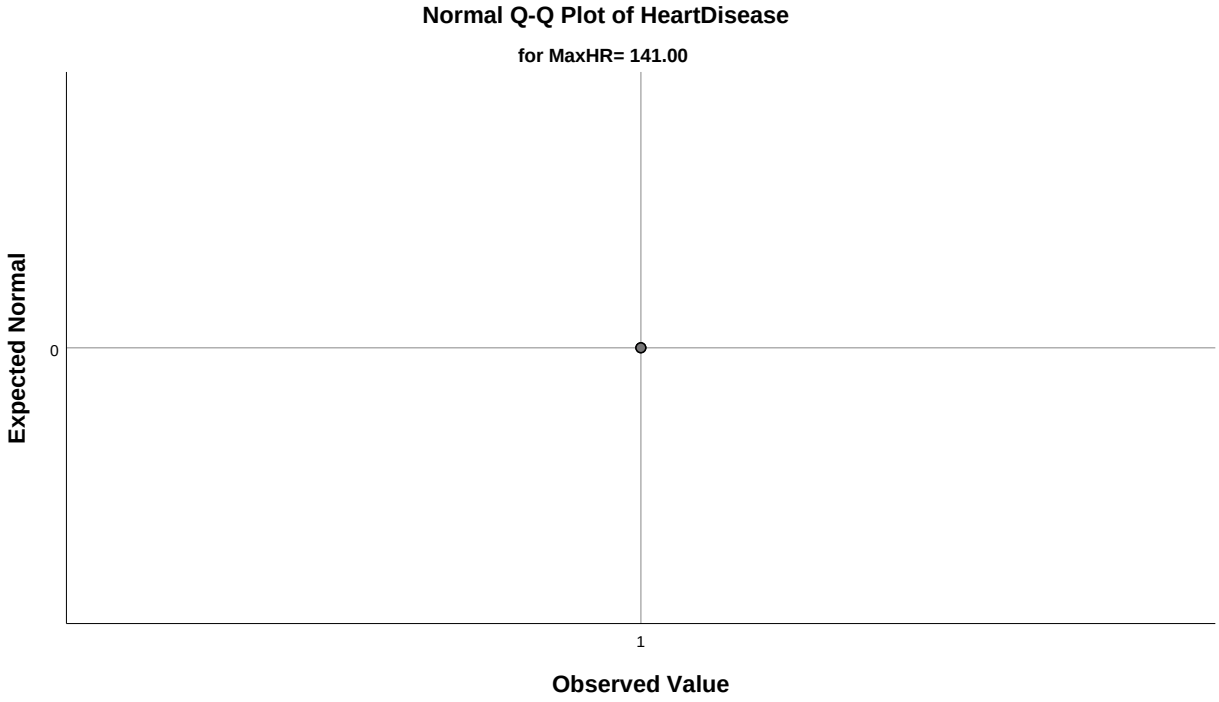

Normal Q-Q Plot of HeartDisease
for MaxHR= 132.00
Expected Normal
1
0
-1
-2
-3
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

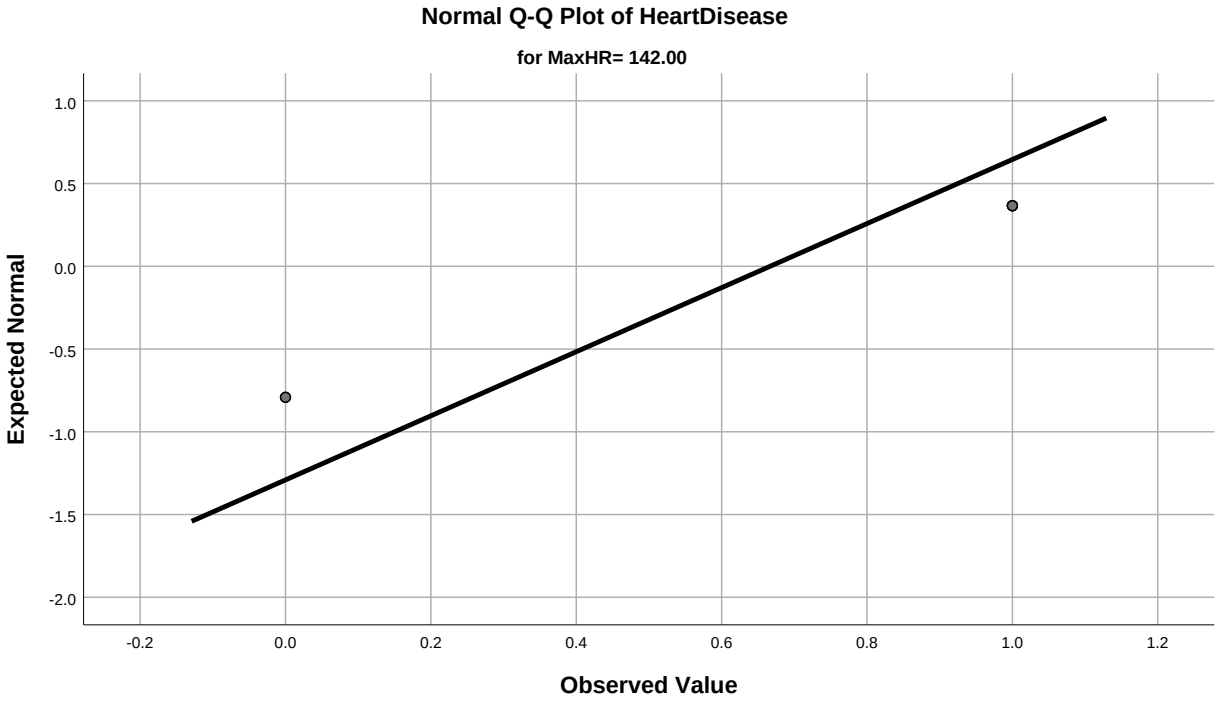

Normal Q-Q Plot of HeartDisease
for MaxHR= 133.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

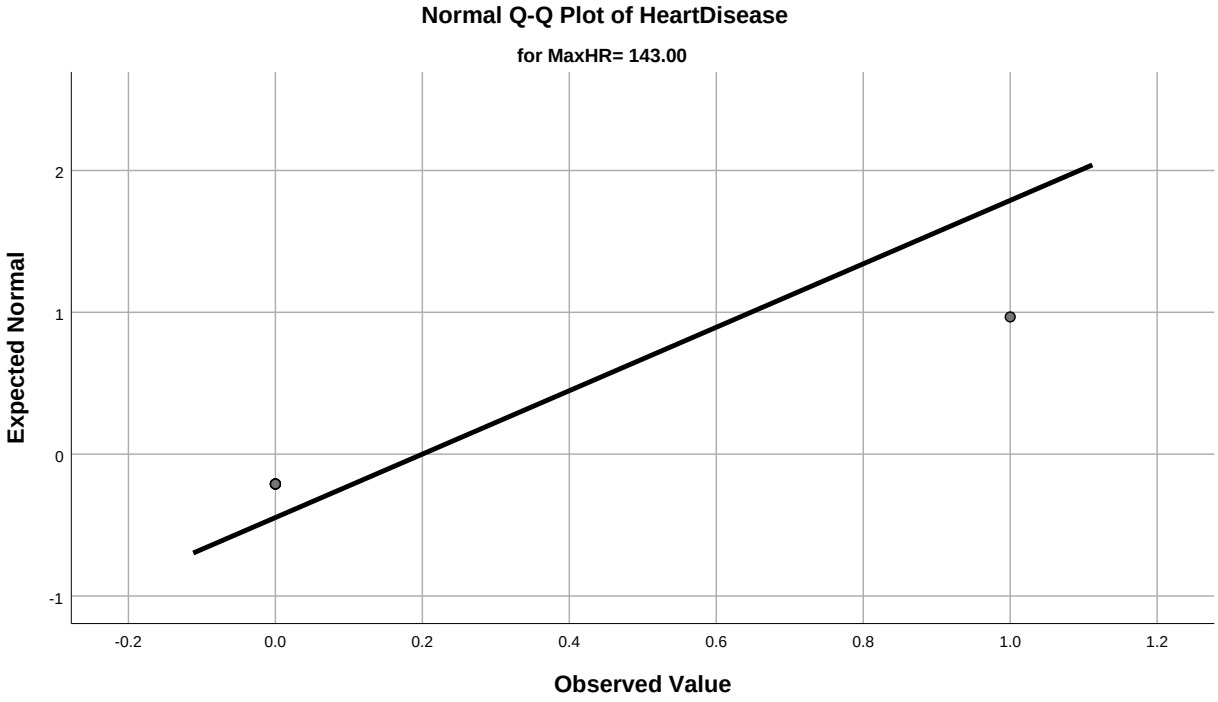

Normal Q-Q Plot of HeartDisease
for MaxHR= 138.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

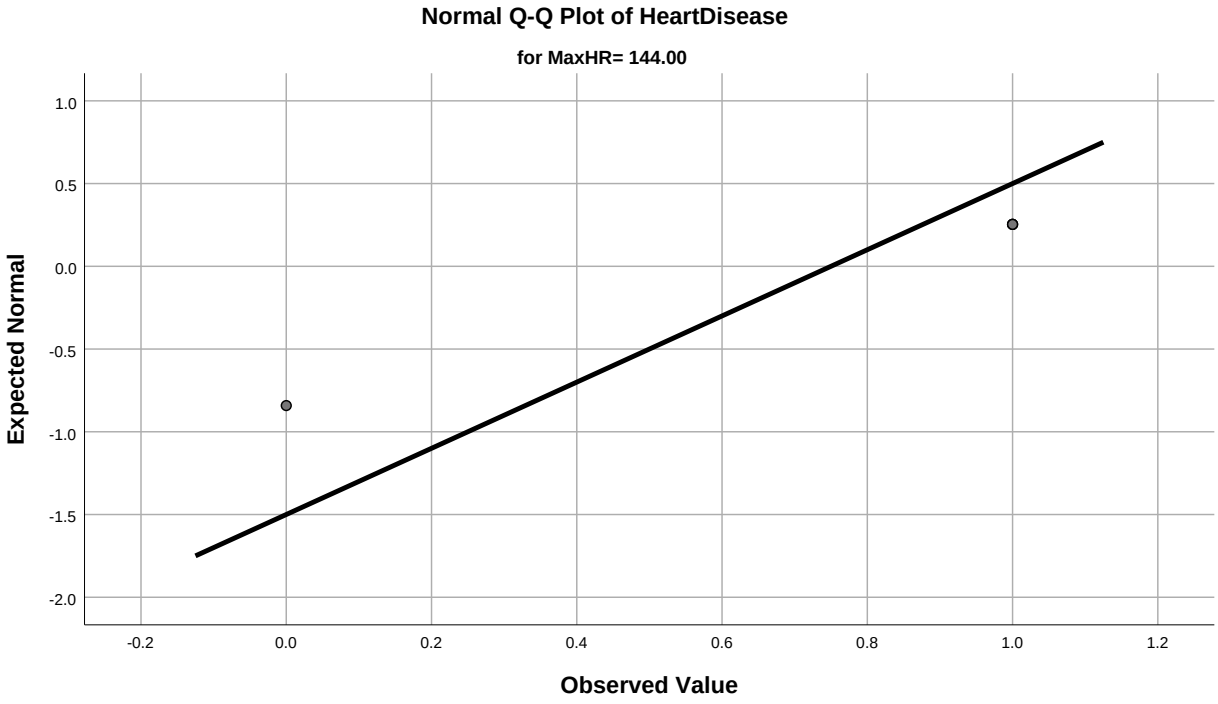

Normal Q-Q Plot of HeartDisease
for MaxHR= 139.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

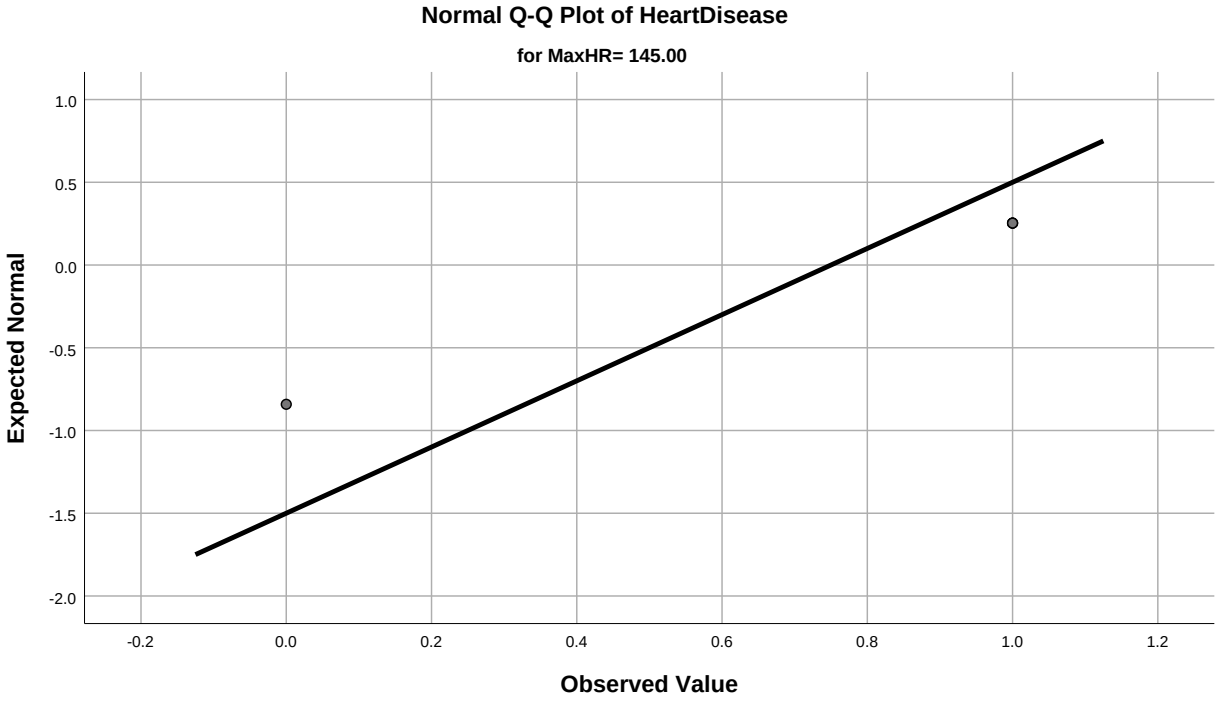

Normal Q-Q Plot of HeartDisease
for MaxHR= 140.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for MaxHR= 141.00
Expected Normal
0
1
Observed Value

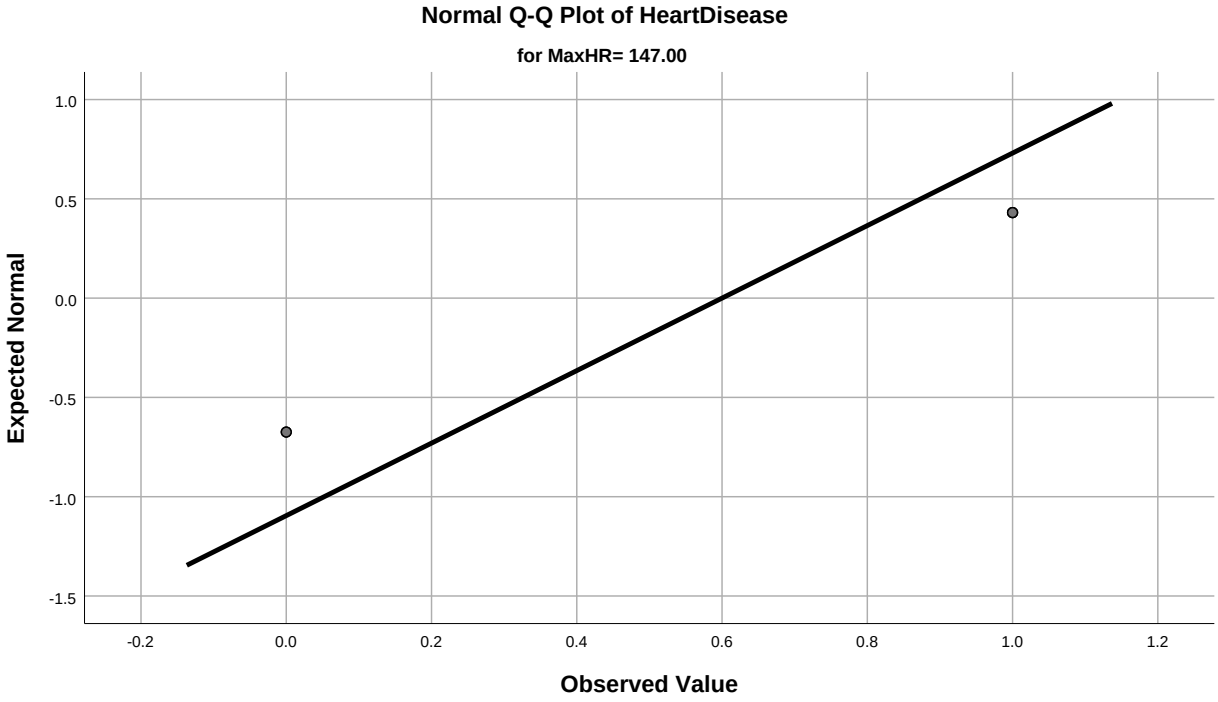

Normal Q-Q Plot of HeartDisease
for MaxHR= 142.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

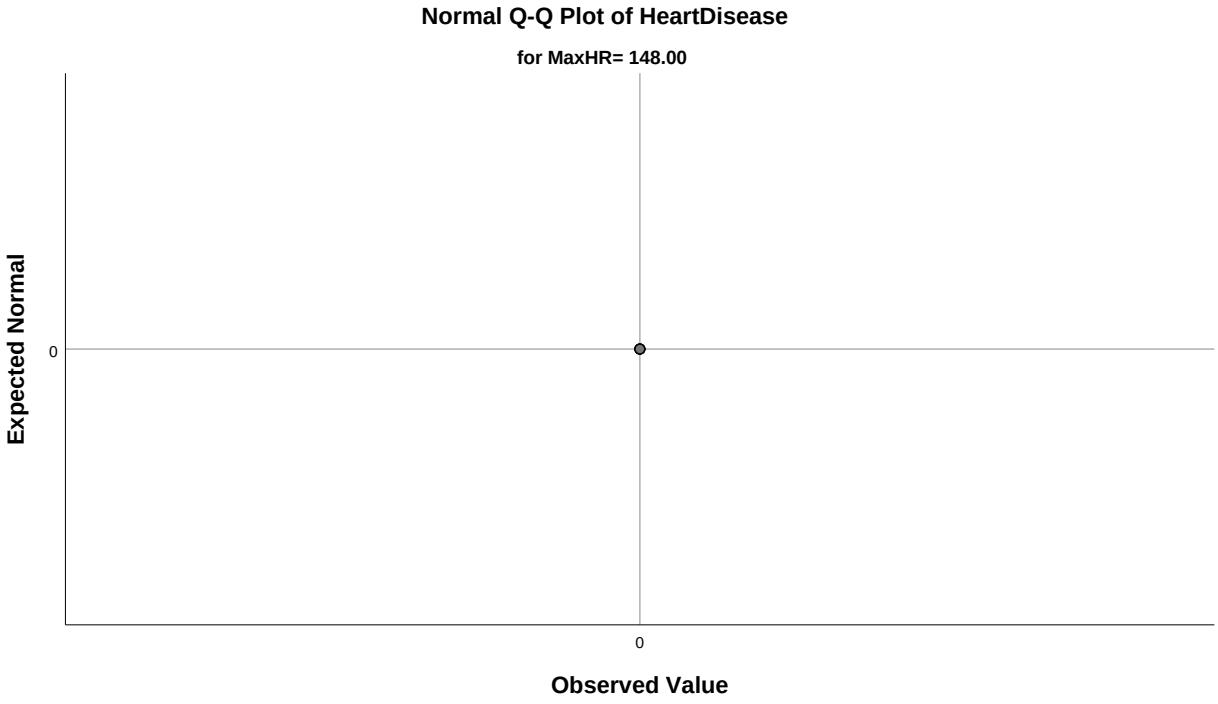

Normal Q-Q Plot of HeartDisease
for MaxHR= 143.00
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

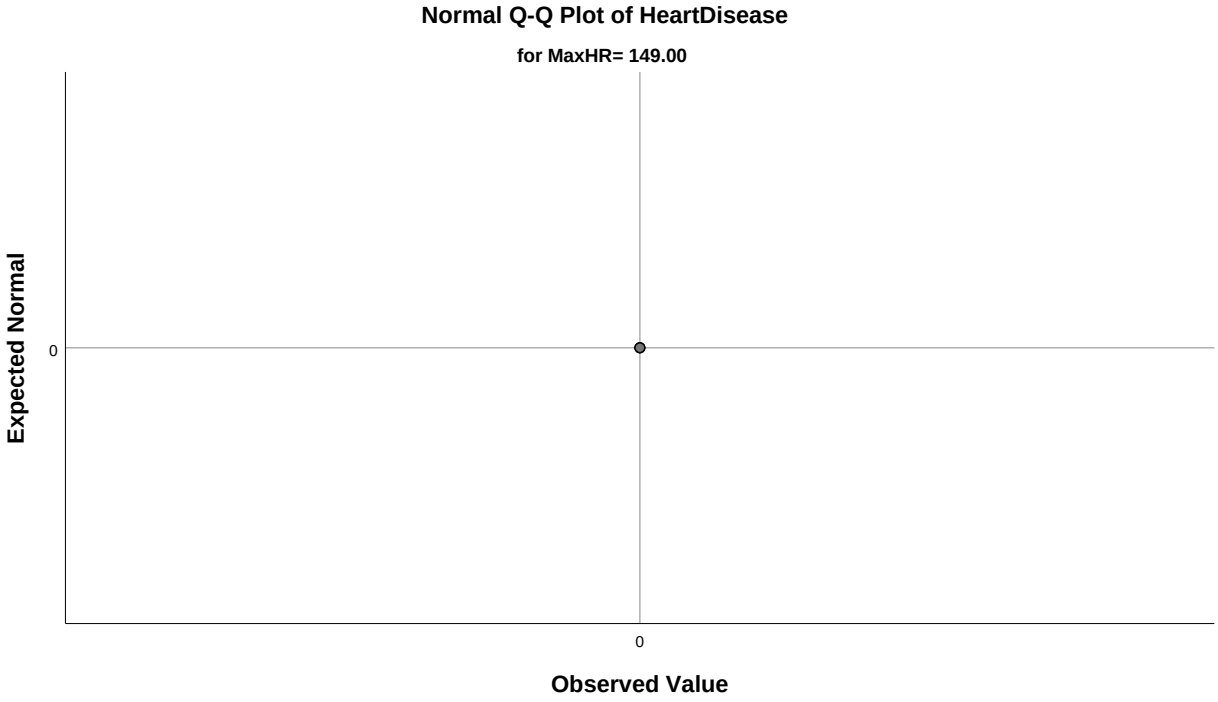

Normal Q-Q Plot of HeartDisease
for MaxHR= 144.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

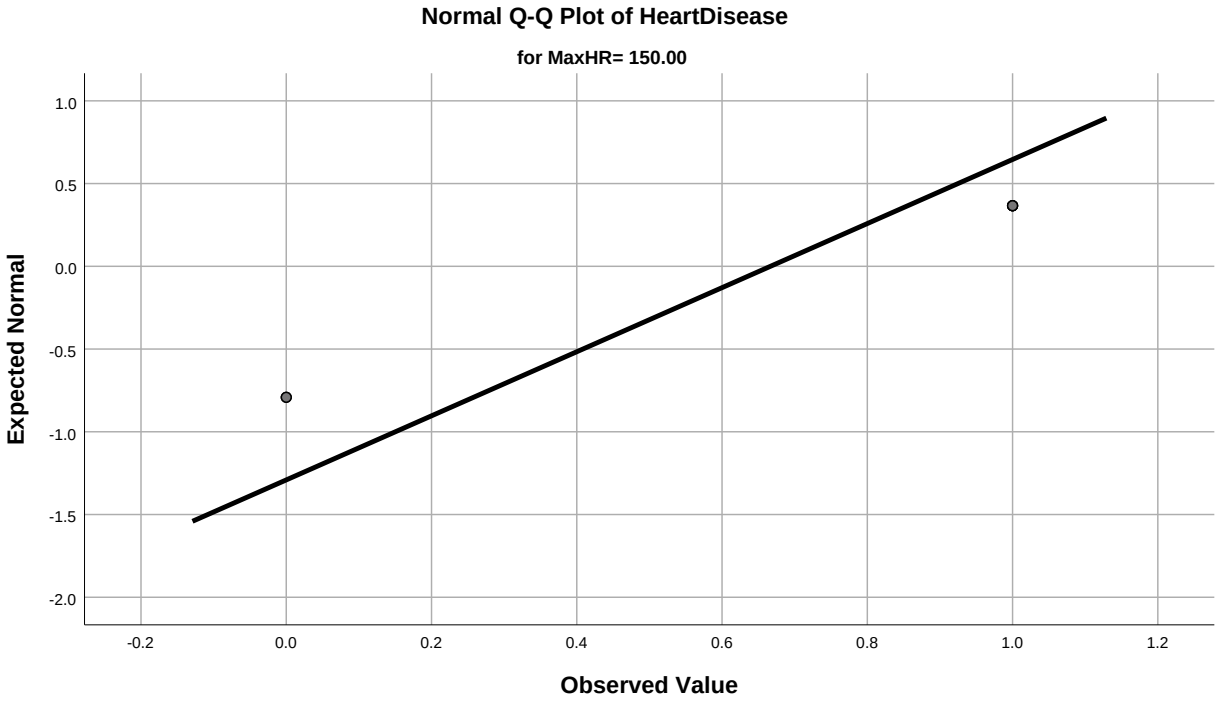

Normal Q-Q Plot of HeartDisease
for MaxHR= 145.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

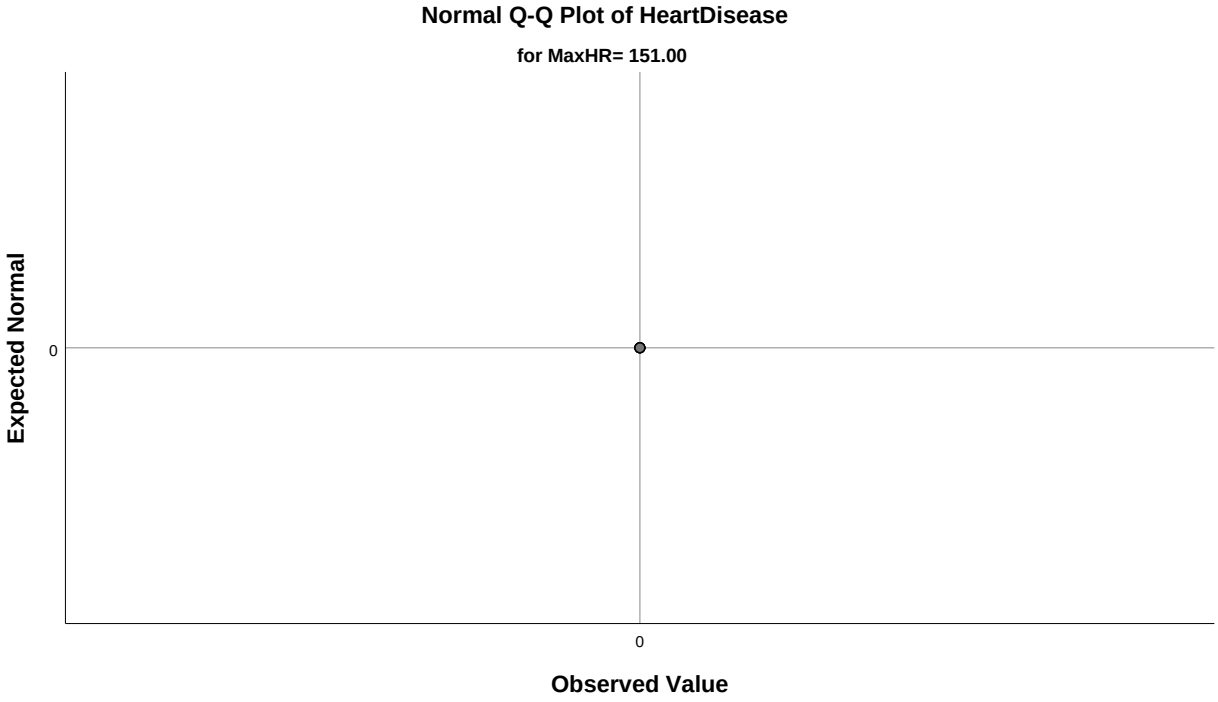
Normal Q-Q Plot of HeartDisease
for MaxHR= 146.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

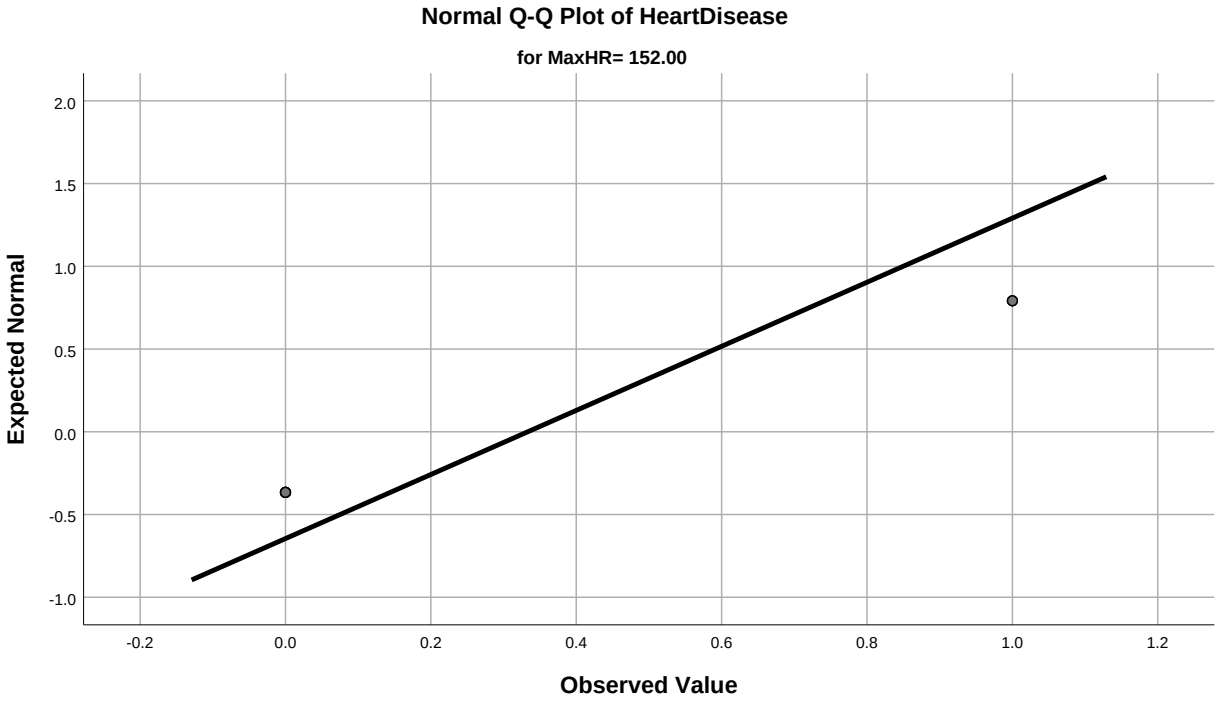

Normal Q-Q Plot of HeartDisease
for MaxHR= 147.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

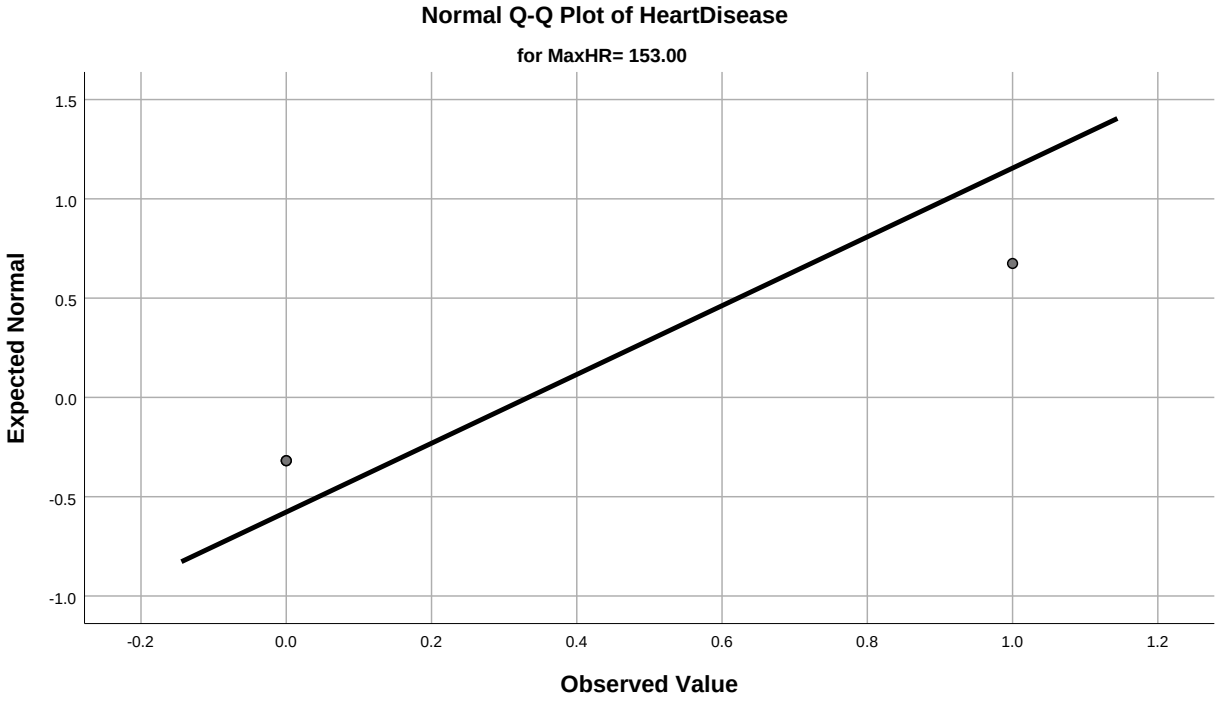

Normal Q-Q Plot of HeartDisease
for MaxHR= 148.00
Expected Normal
0
0
Observed Value

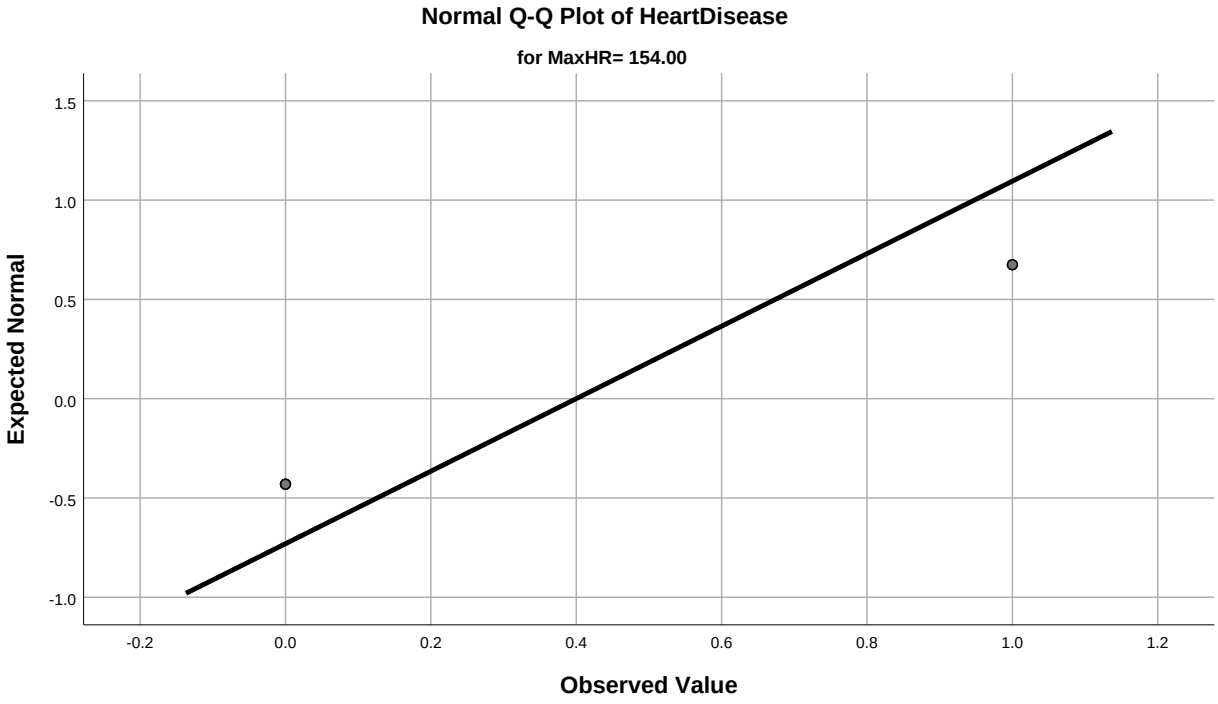

Normal Q-Q Plot of HeartDisease
for MaxHR= 149.00
Expected Normal
0
0
Observed Value

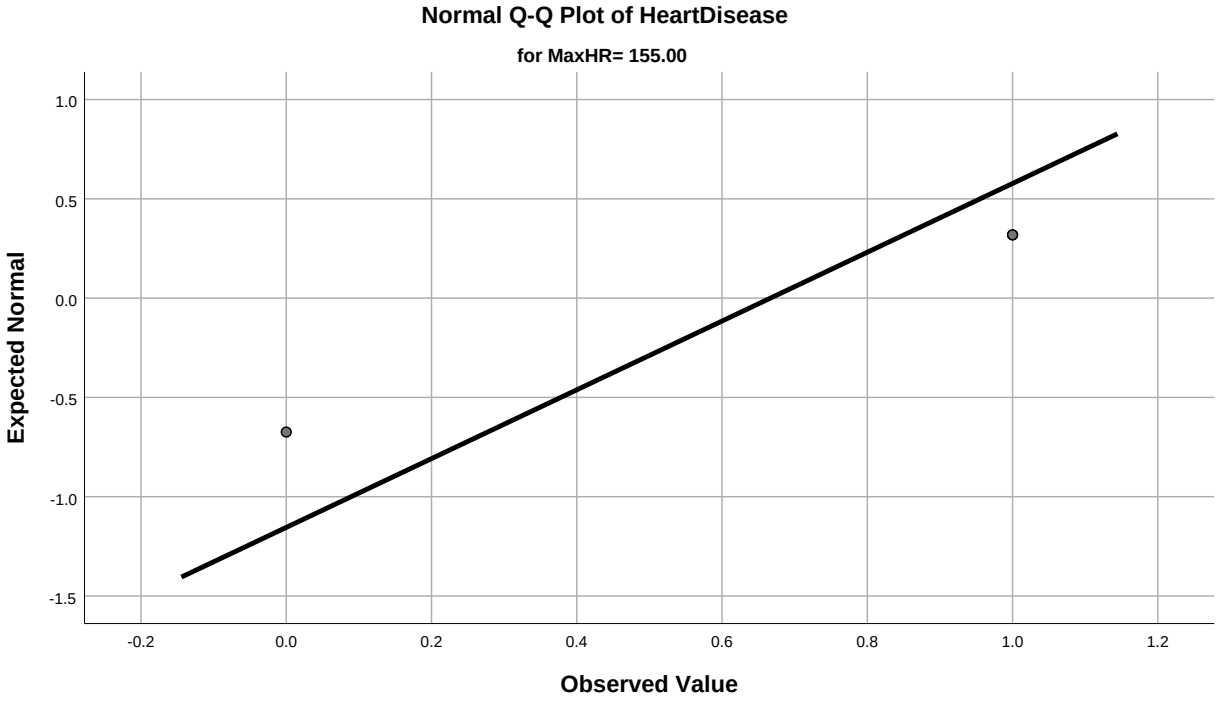

Normal Q-Q Plot of HeartDisease
for MaxHR= 150.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

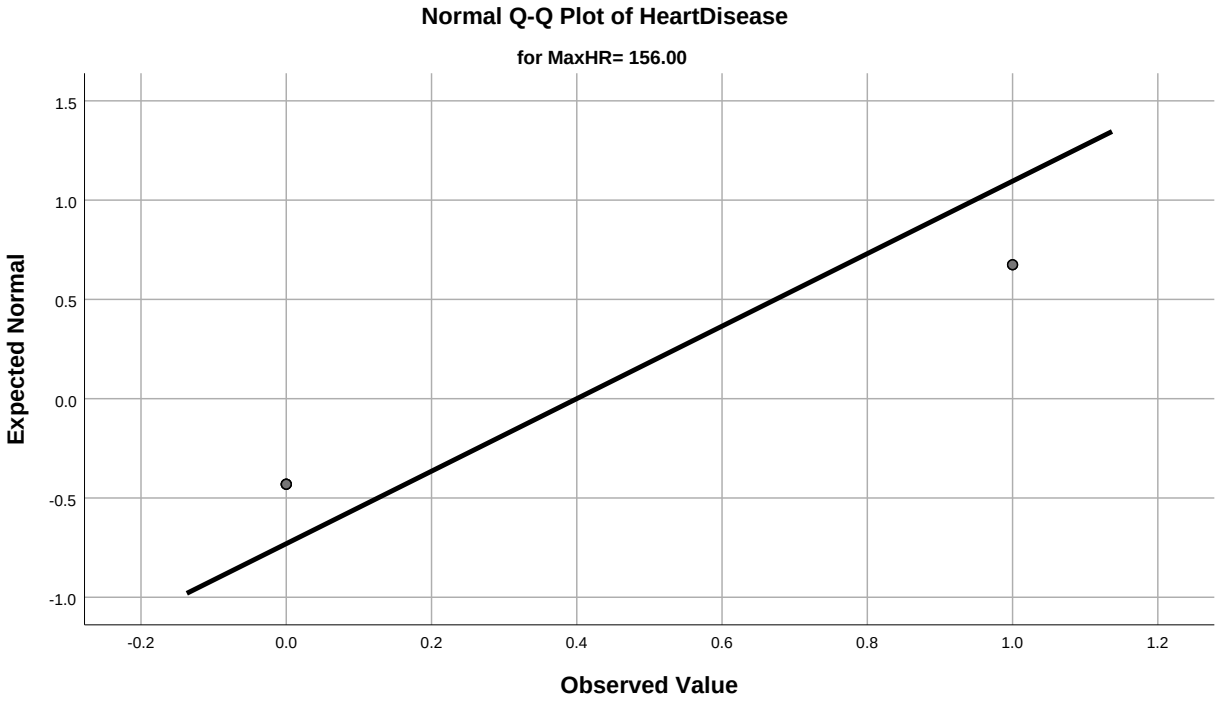

Normal Q-Q Plot of HeartDisease
for MaxHR= 151.00
Expected Normal
0
0
Observed Value

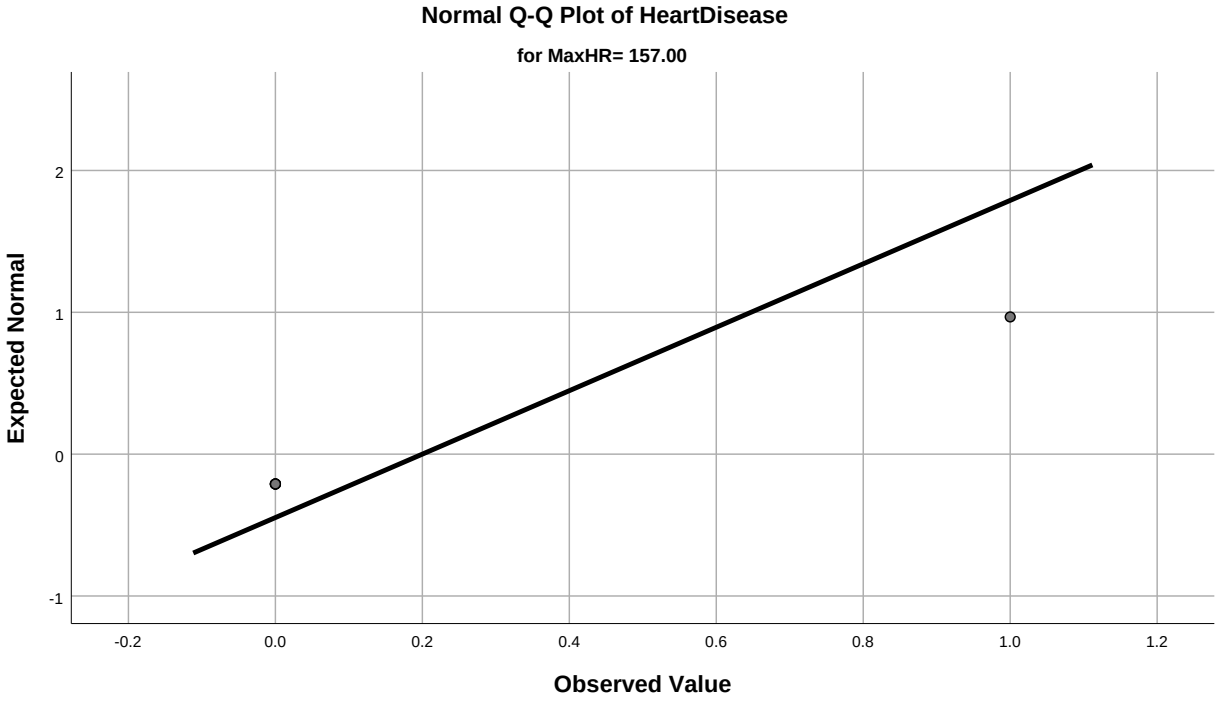

Normal Q-Q Plot of HeartDisease
for MaxHR= 152.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

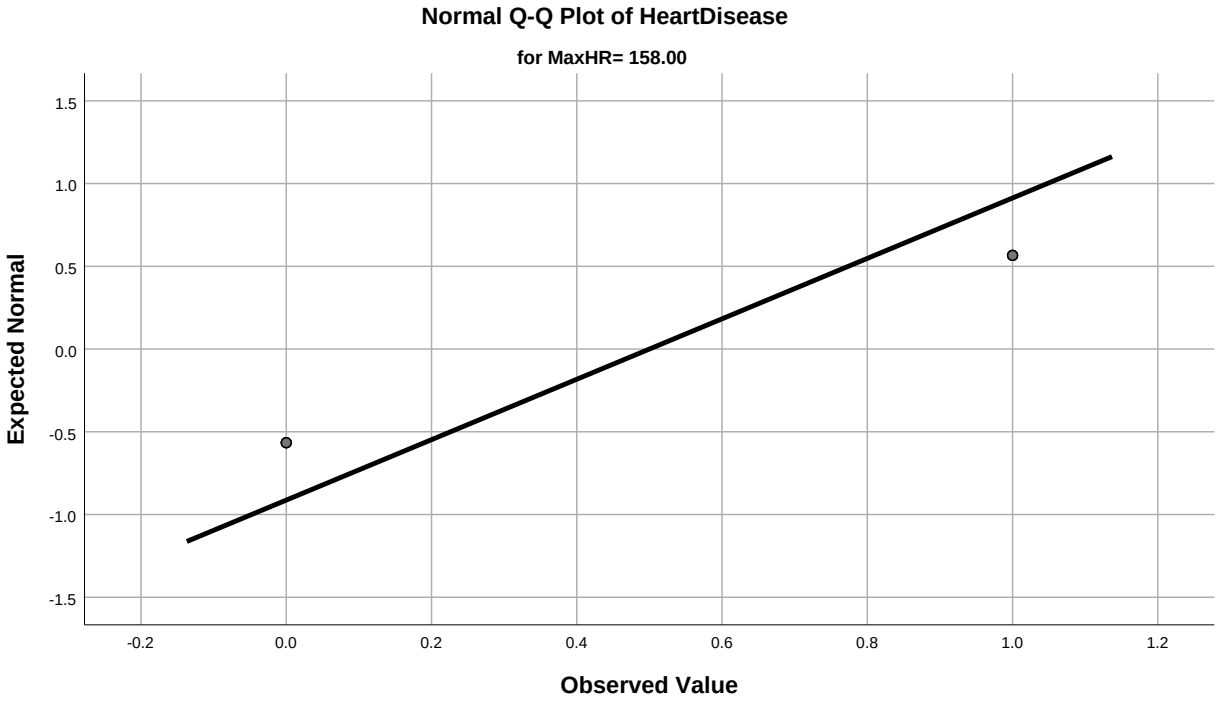

Normal Q-Q Plot of HeartDisease
for MaxHR= 153.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

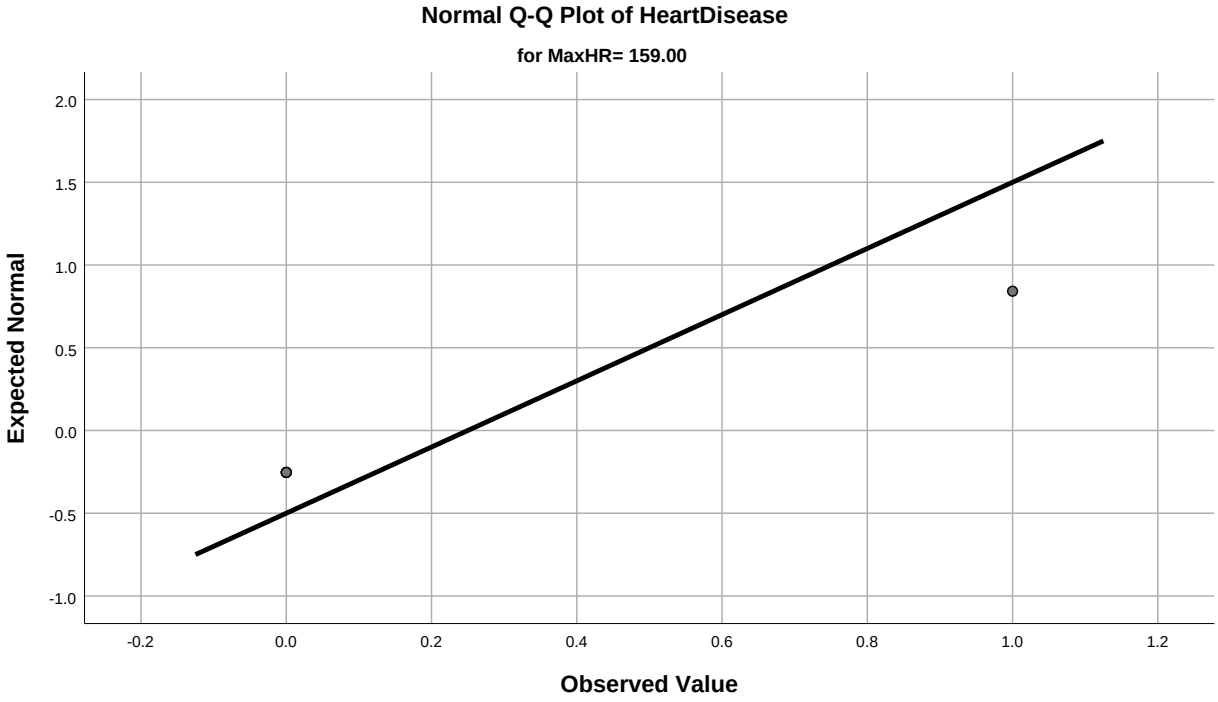

Normal Q-Q Plot of HeartDisease
for MaxHR= 154.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

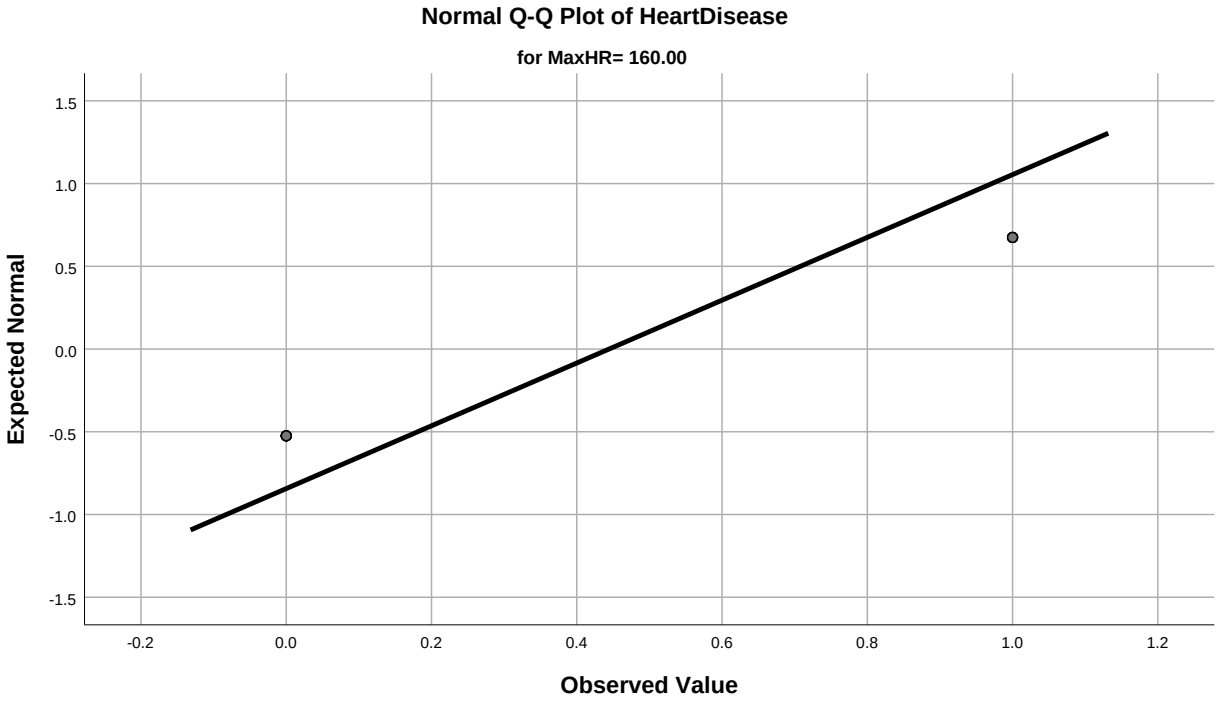

Normal Q-Q Plot of HeartDisease
for MaxHR= 155.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

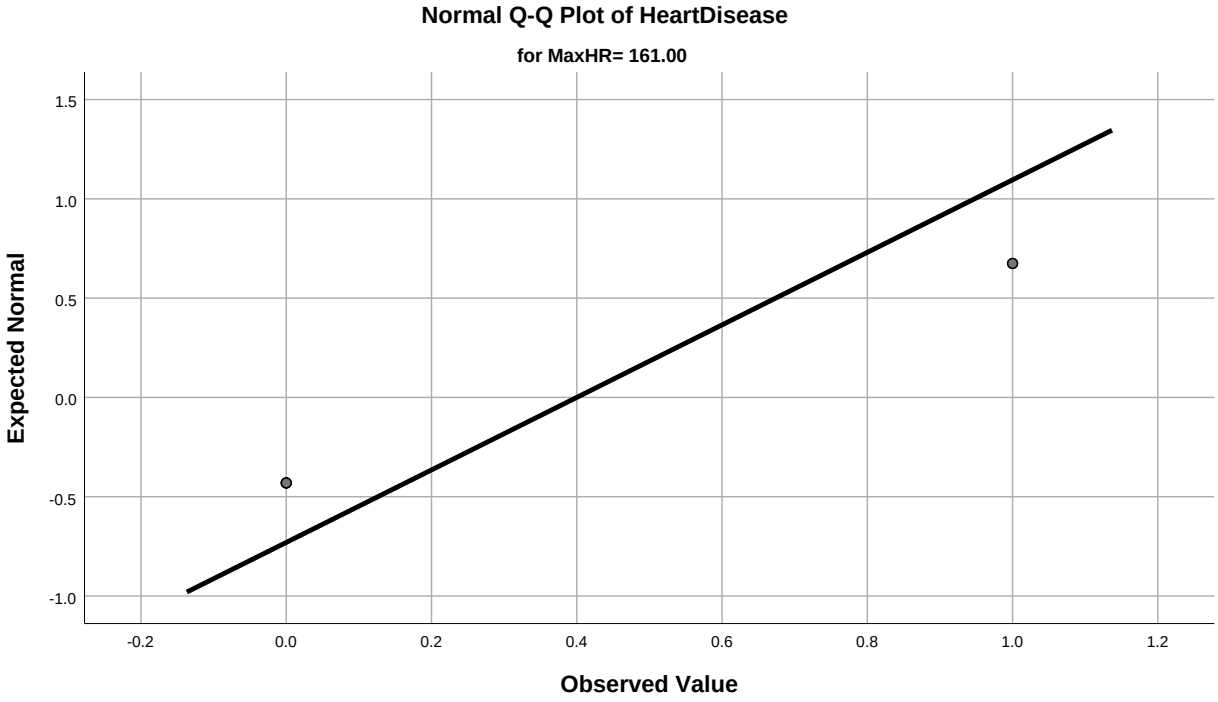

Normal Q-Q Plot of HeartDisease
for MaxHR= 156.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

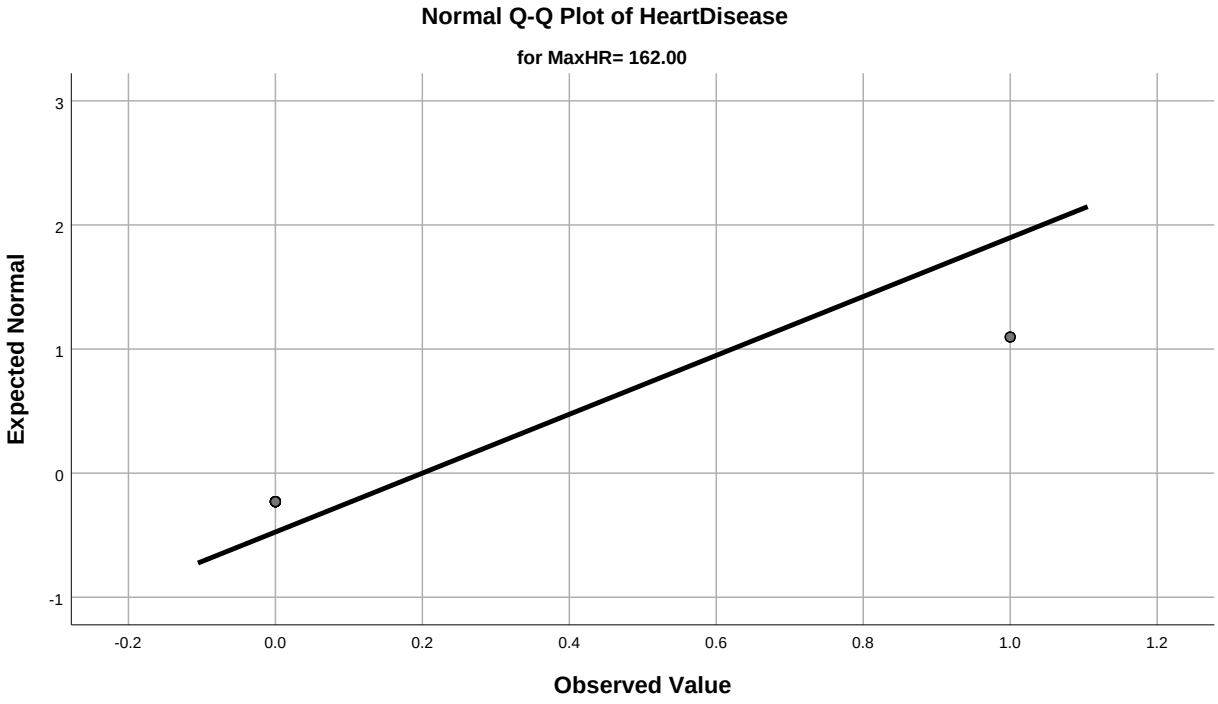

Normal Q-Q Plot of HeartDisease
for MaxHR= 157.00
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

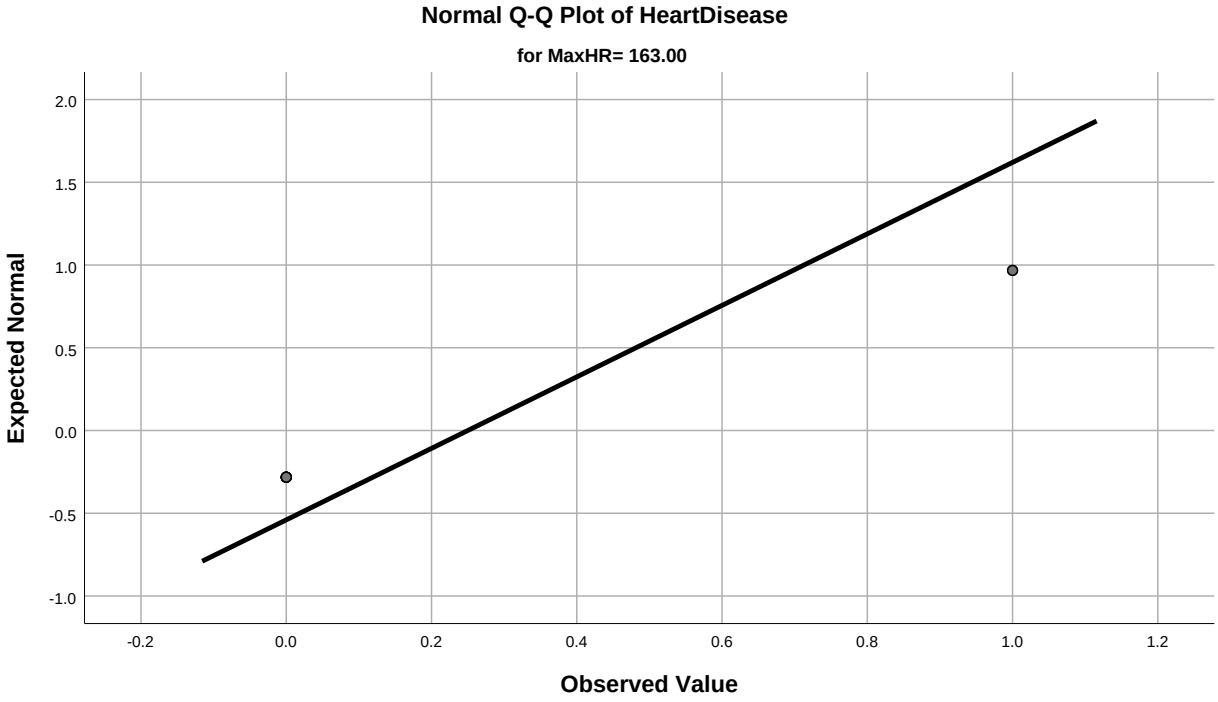

Normal Q-Q Plot of HeartDisease
for MaxHR= 158.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

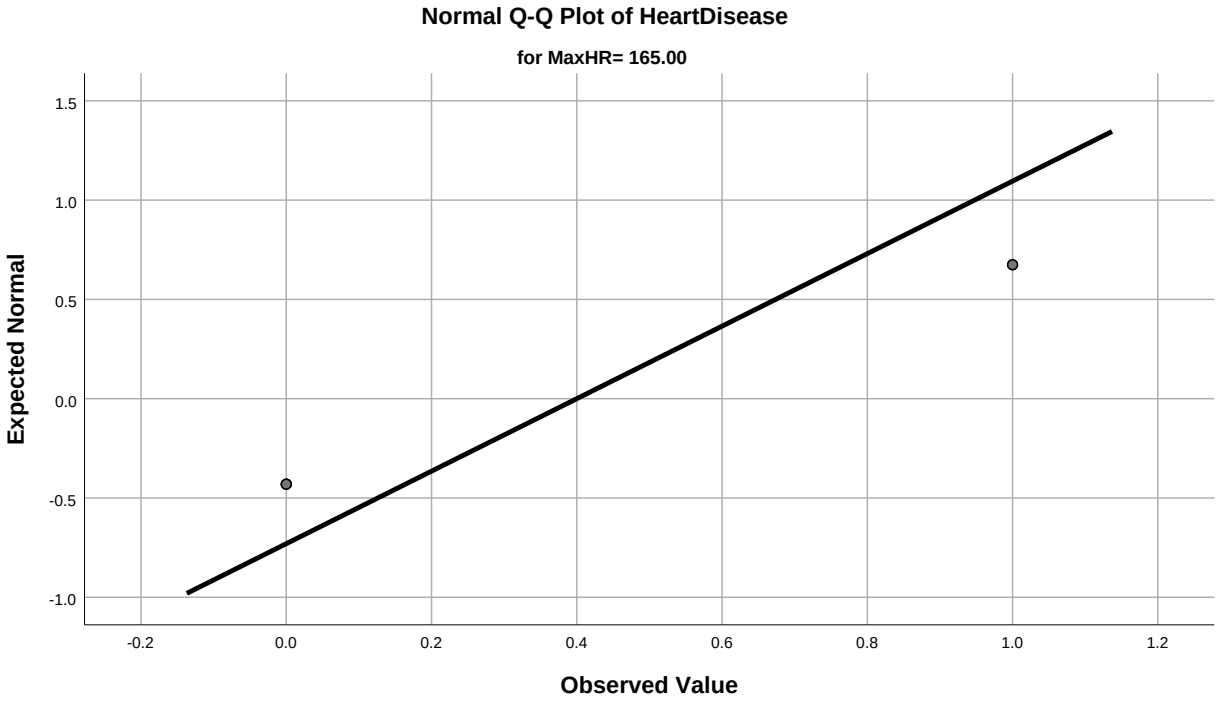

Normal Q-Q Plot of HeartDisease
for MaxHR= 159.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

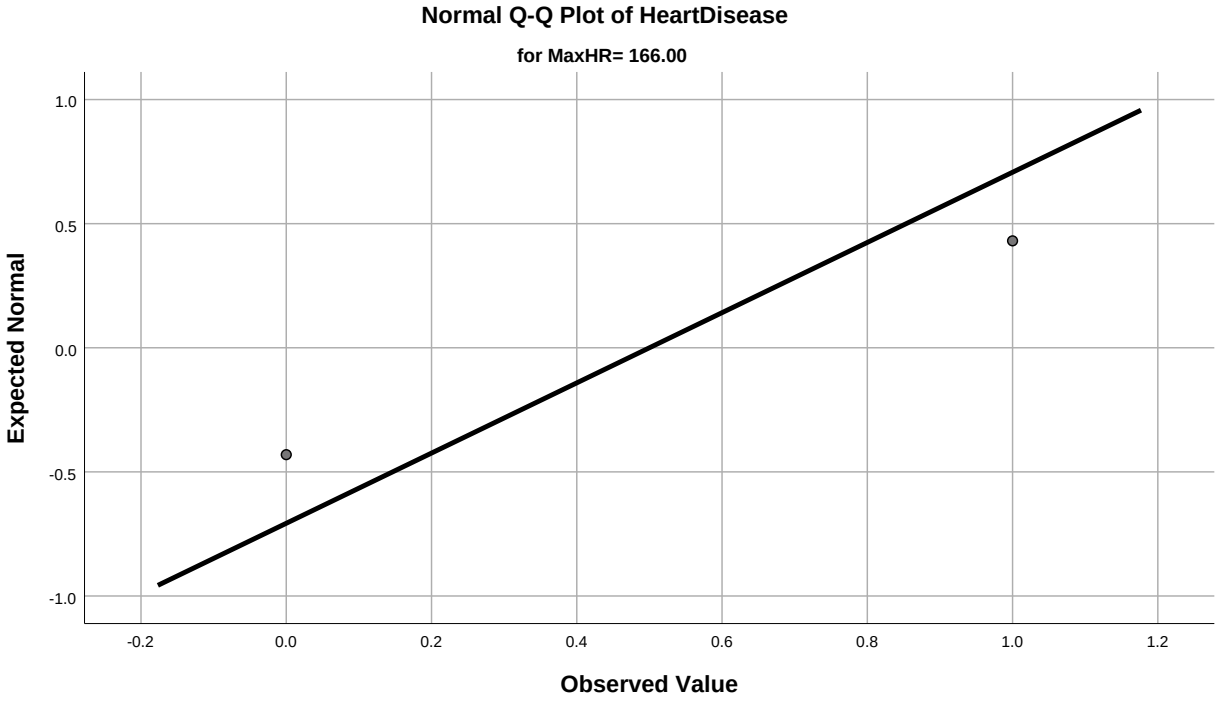

Normal Q-Q Plot of HeartDisease
for MaxHR= 160.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

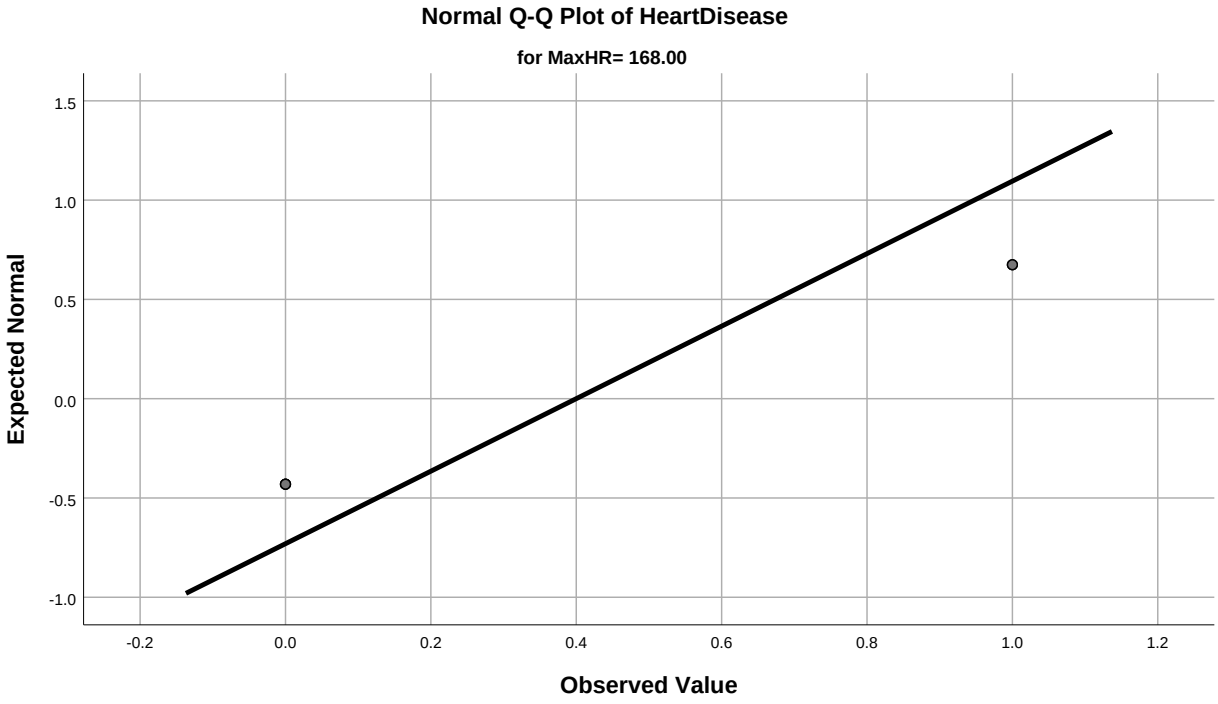

Normal Q-Q Plot of HeartDisease
for MaxHR= 161.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

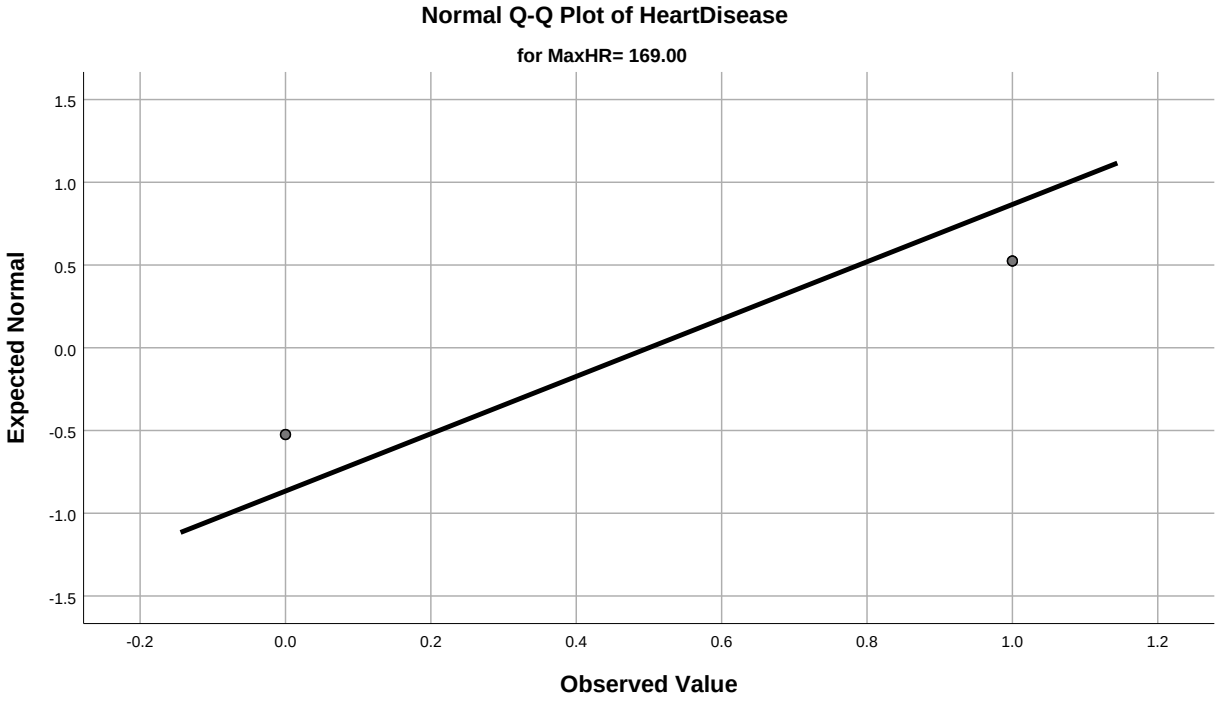

Normal Q-Q Plot of HeartDisease
for MaxHR= 162.00
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

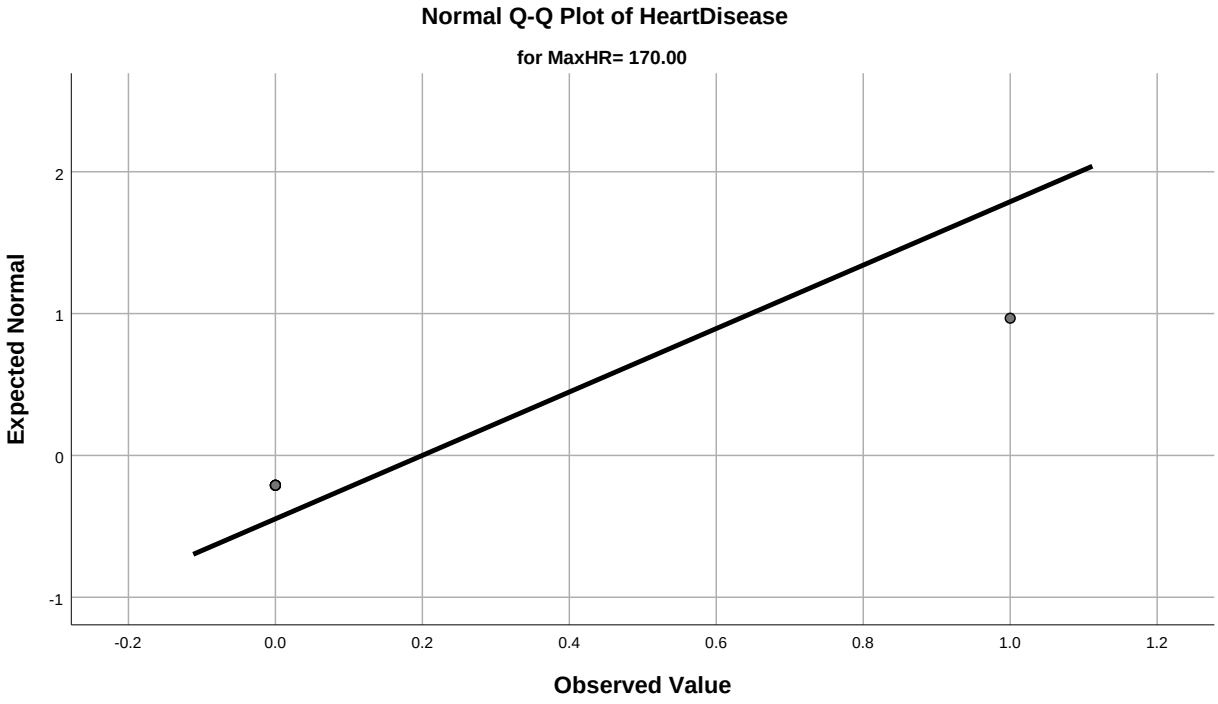

Normal Q-Q Plot of HeartDisease
for MaxHR= 163.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

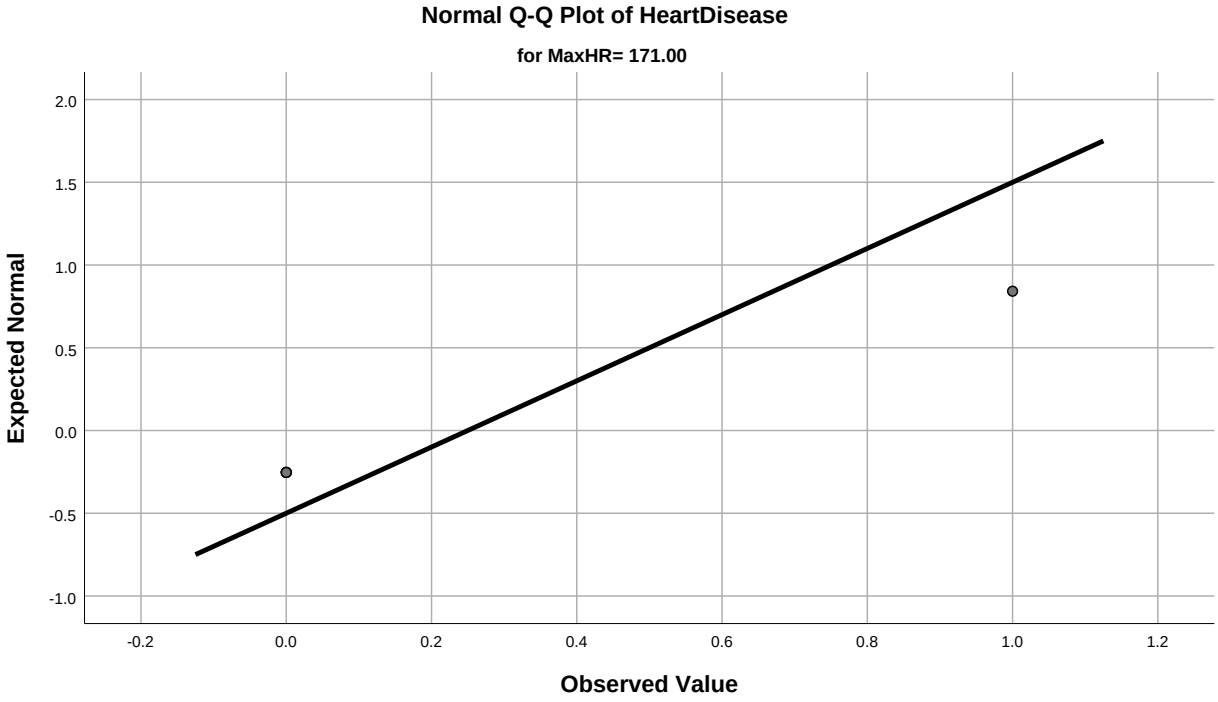

Normal Q-Q Plot of HeartDisease
for MaxHR= 165.00
Expected Normal
Observed Value
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2

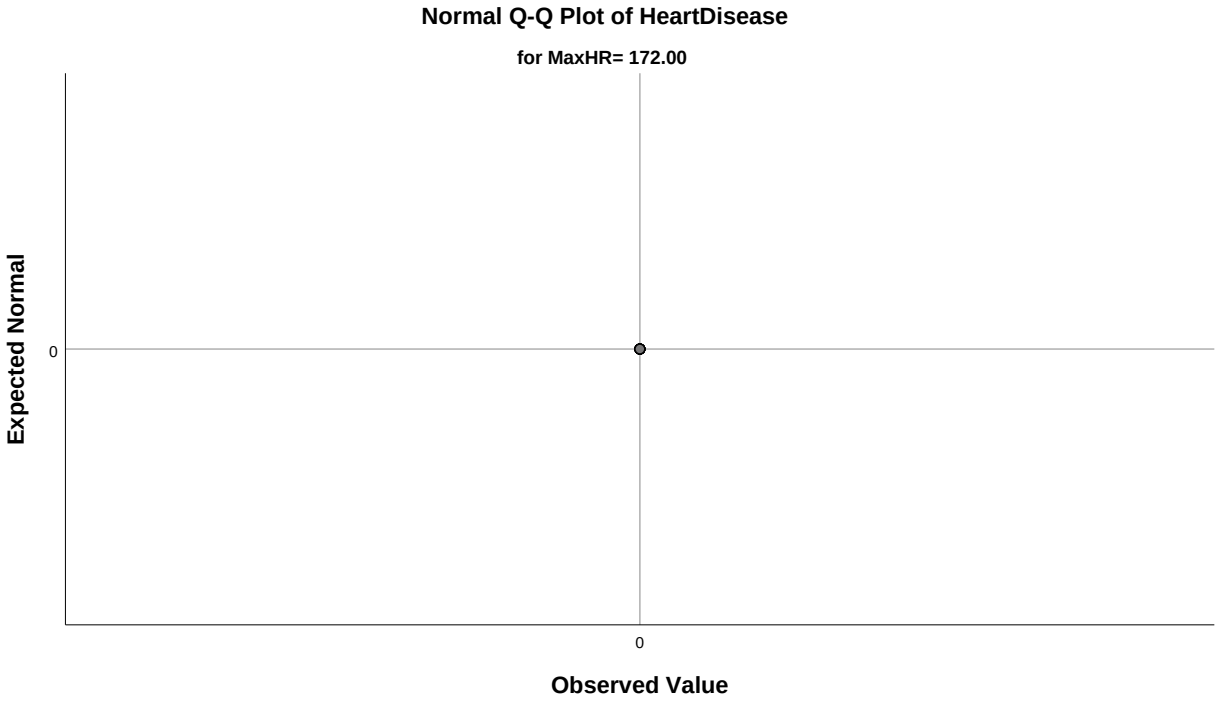

Normal Q-Q Plot of HeartDisease
for MaxHR= 166.00
Expected Normal
Observed Value
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2

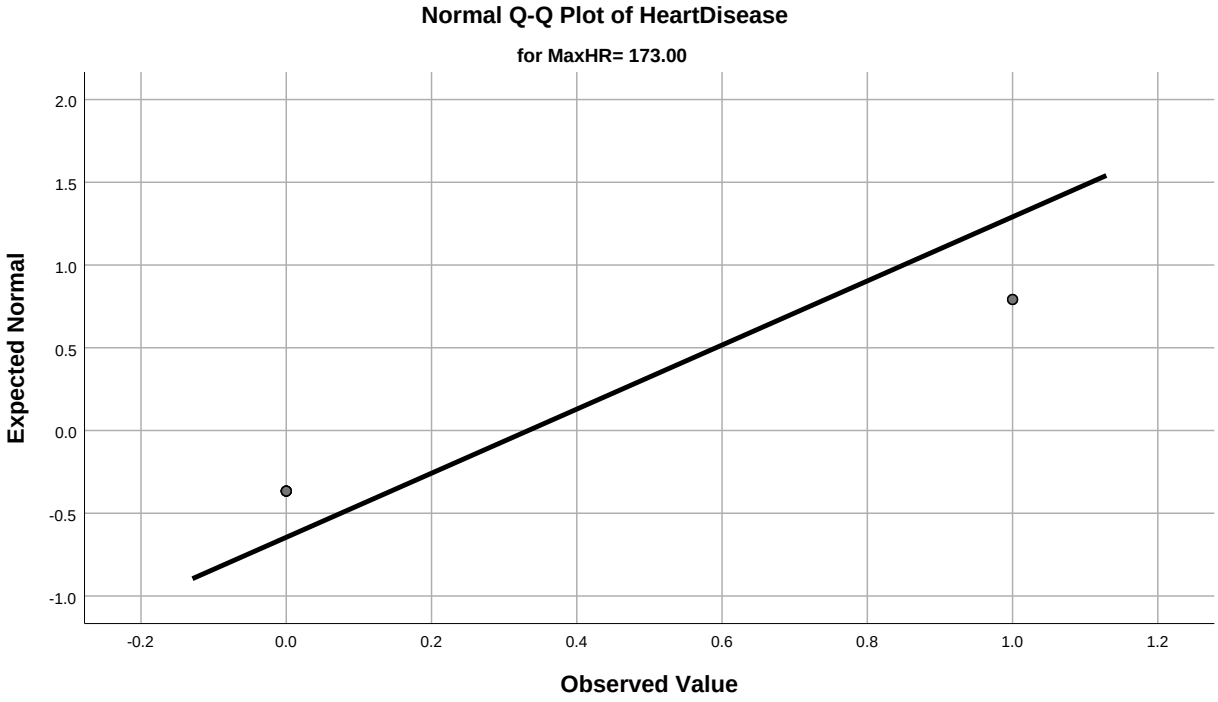

Normal Q-Q Plot of HeartDisease
for MaxHR= 168.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

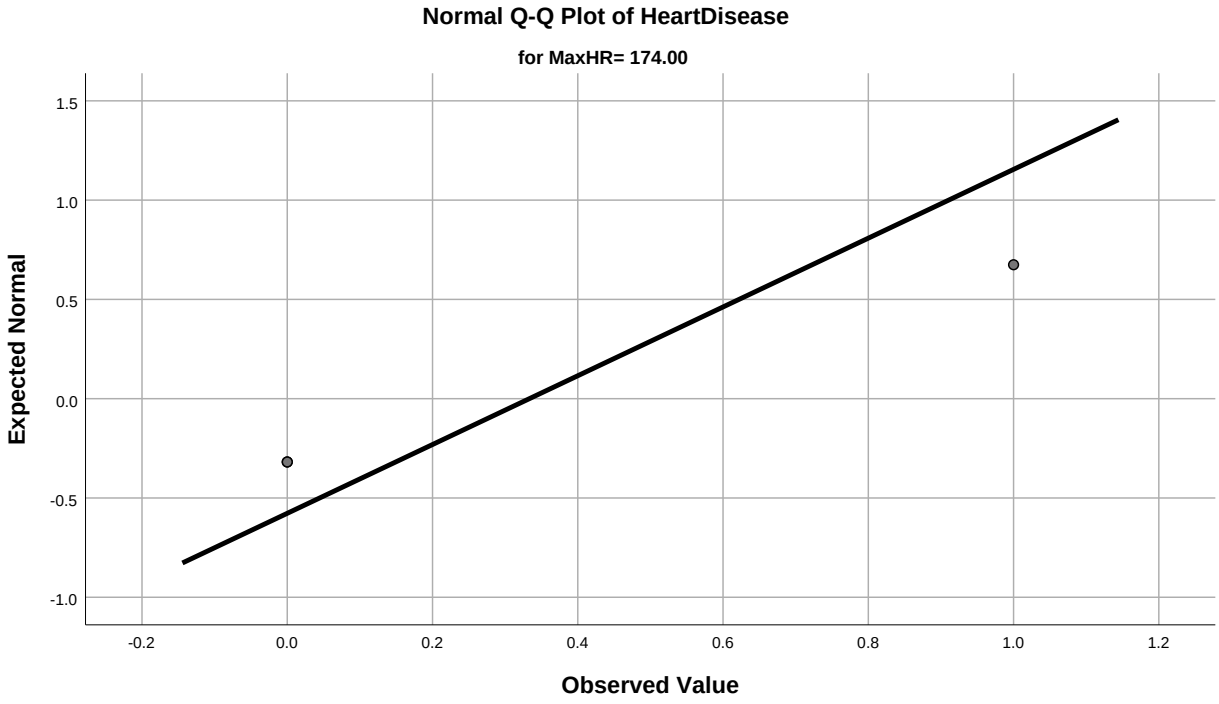

Normal Q-Q Plot of HeartDisease
for MaxHR= 169.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

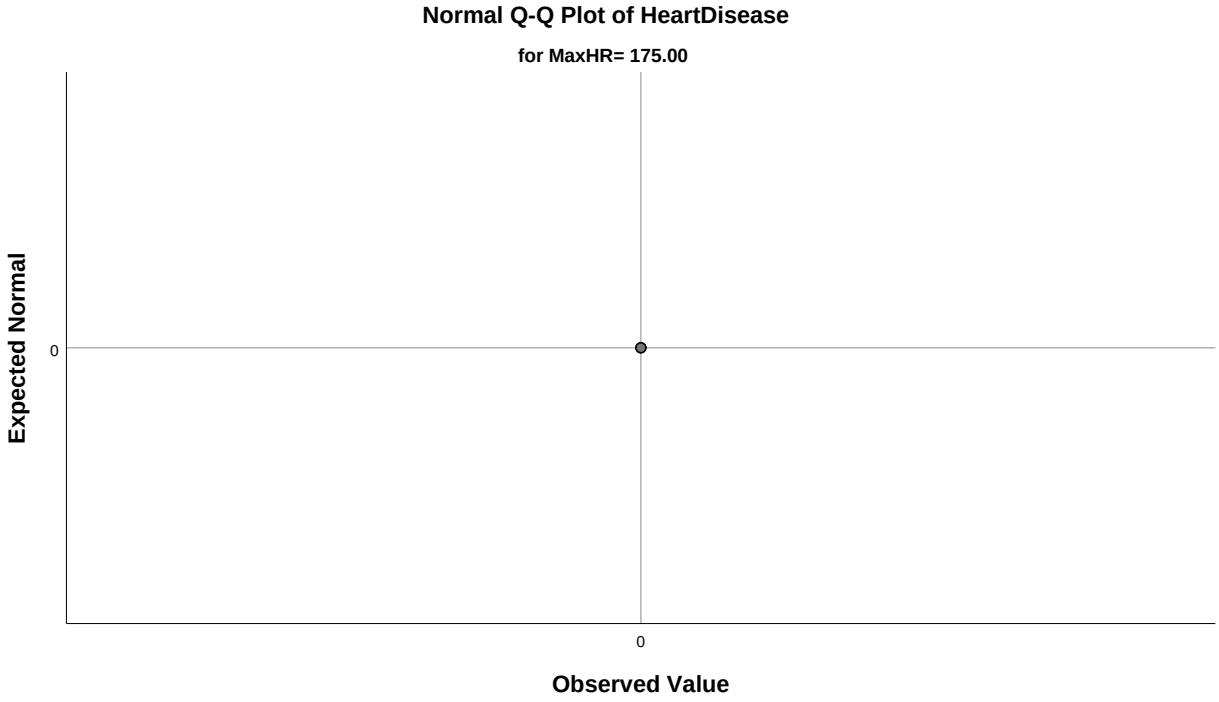

Normal Q-Q Plot of HeartDisease
for MaxHR= 170.00
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

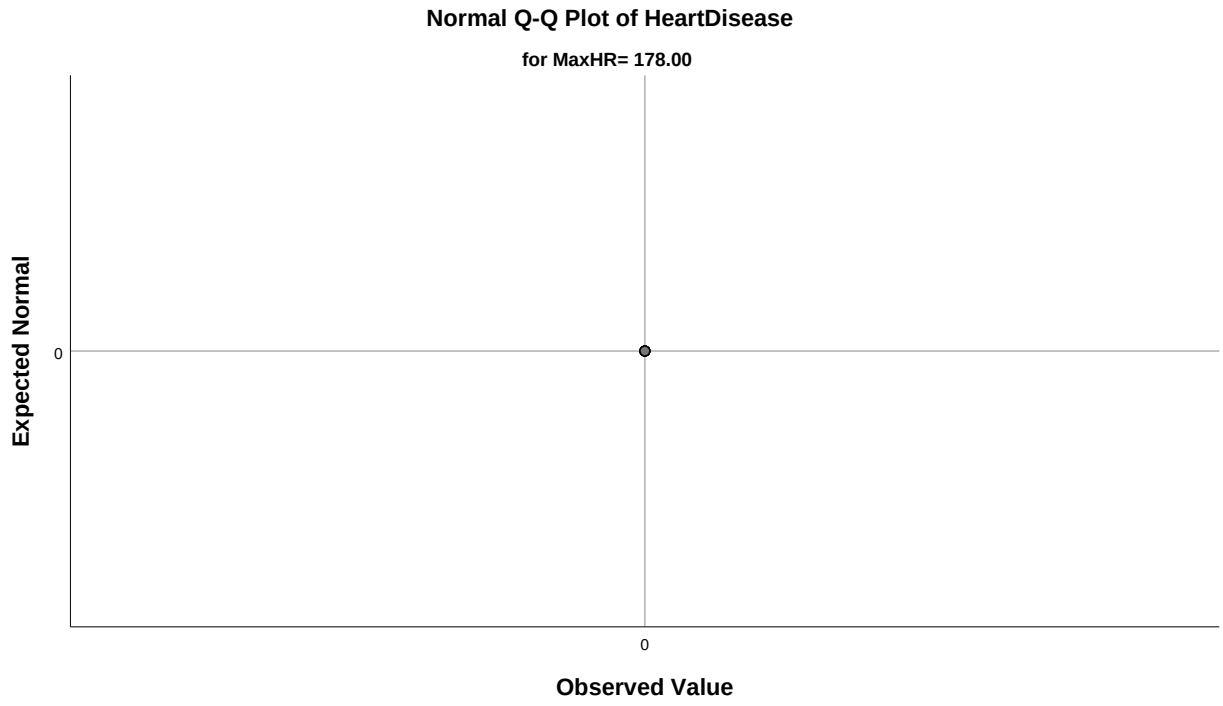

Normal Q-Q Plot of HeartDisease
for MaxHR= 171.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

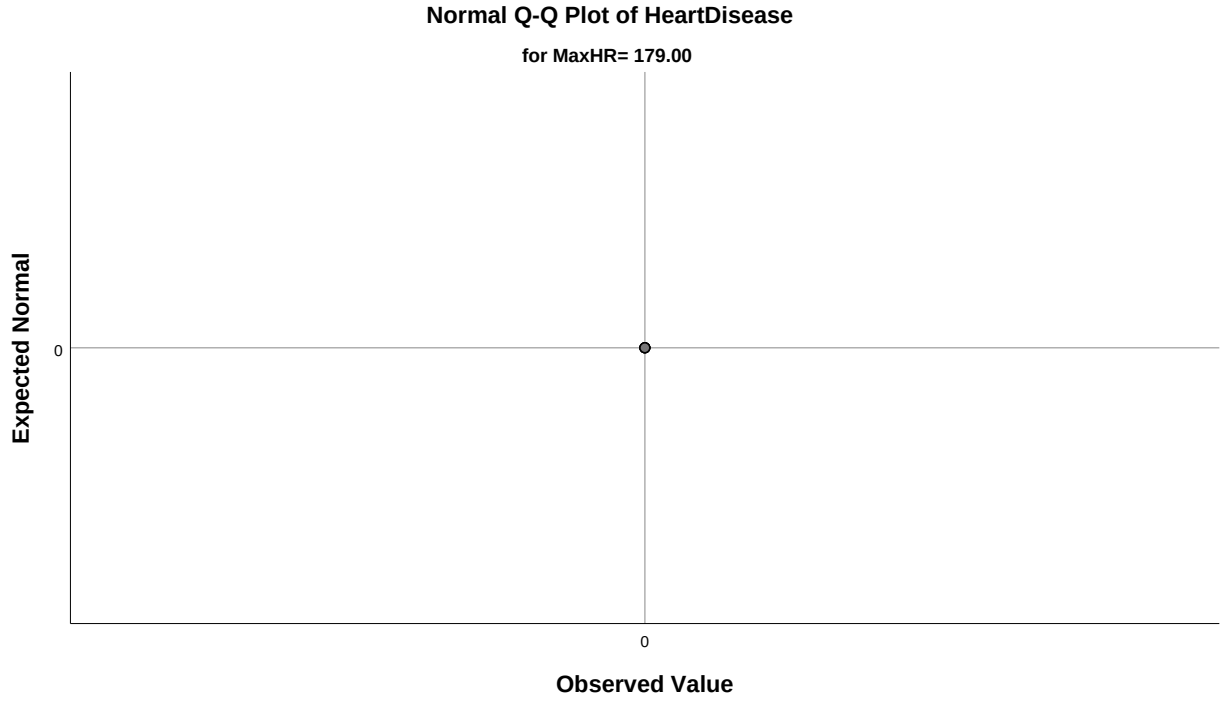

Normal Q-Q Plot of HeartDisease
for MaxHR= 172.00
Expected Normal
0
0
Observed Value

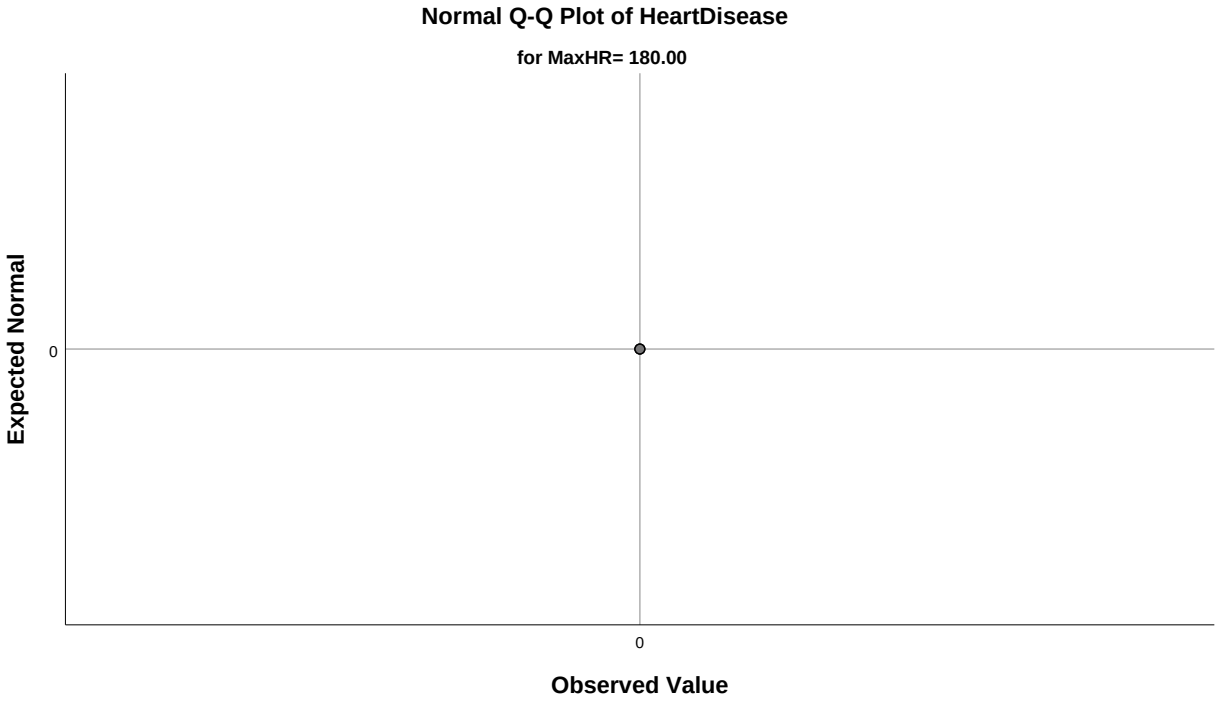

Normal Q-Q Plot of HeartDisease
for MaxHR= 173.00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

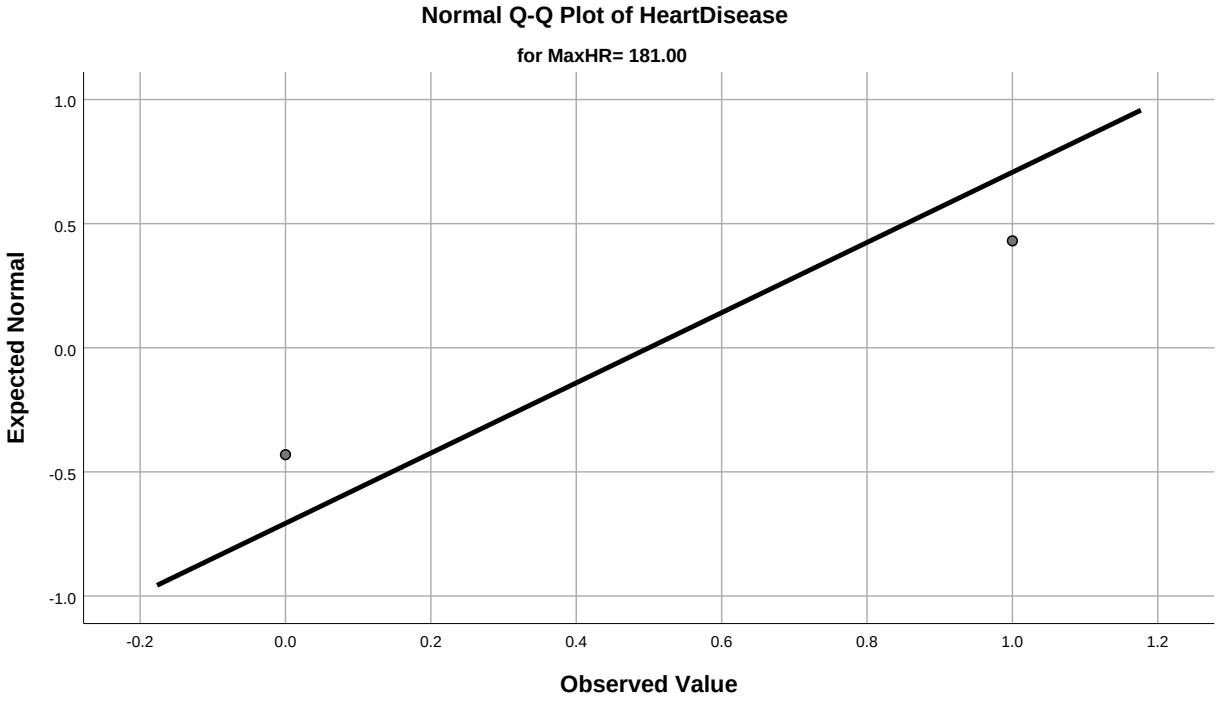

Normal Q-Q Plot of HeartDisease
for MaxHR= 174.00
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

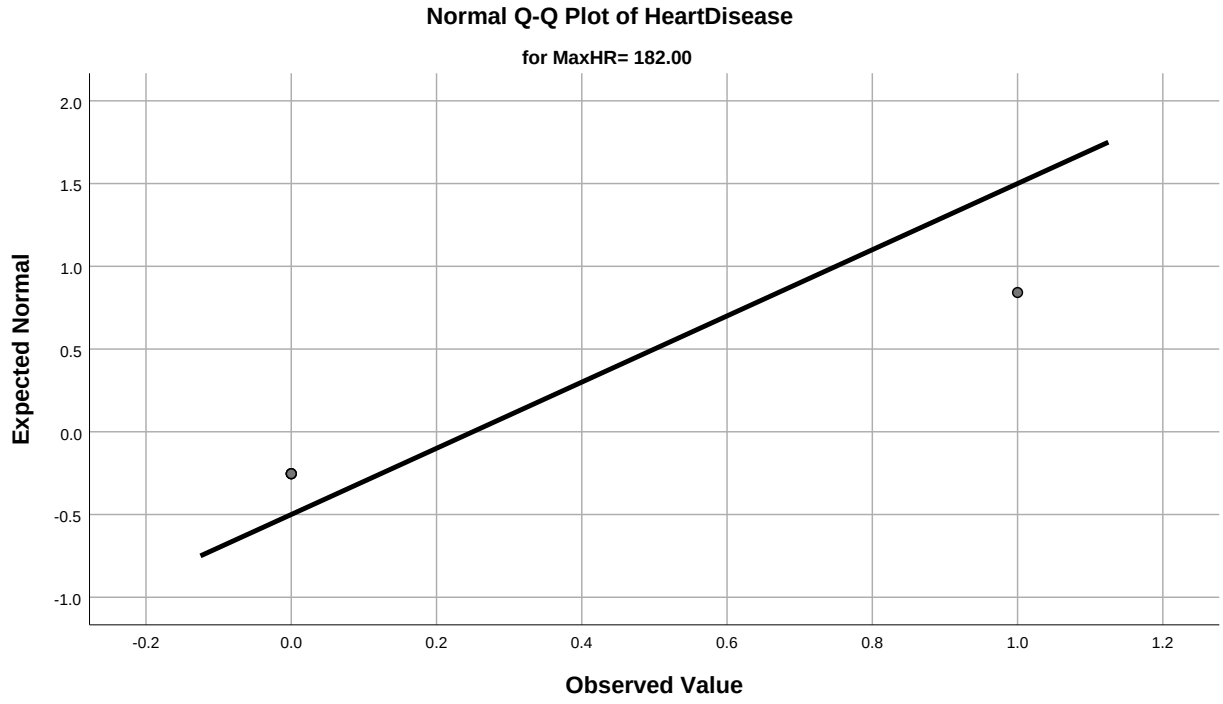

Normal Q-Q Plot of HeartDisease
for MaxHR= 175.00
Expected Normal
0
0
Observed Value

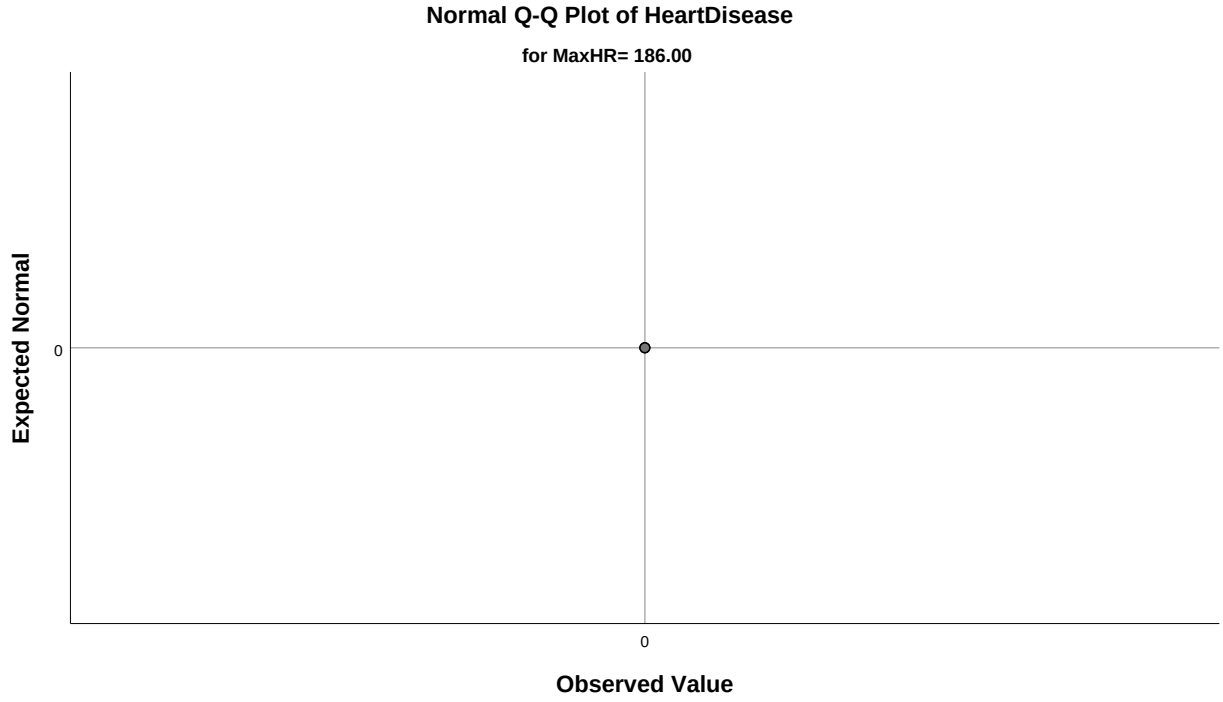

Normal Q-Q Plot of HeartDisease
for MaxHR= 178.00
Expected Normal
0
0
Observed Value


Normal Q-Q Plot of HeartDisease
for MaxHR= 179.00
Expected Normal
0
0
Observed Value

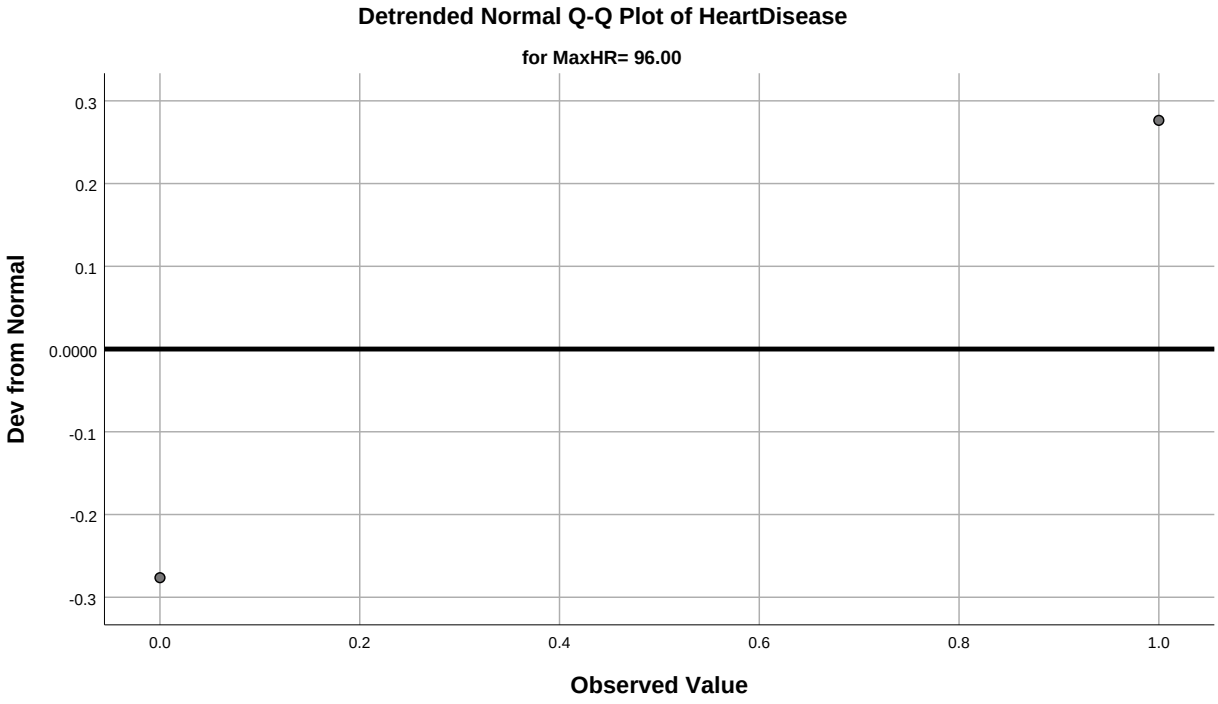

Normal Q-Q Plot of HeartDisease
for MaxHR= 180.00
Expected Normal
0
0
Observed Value

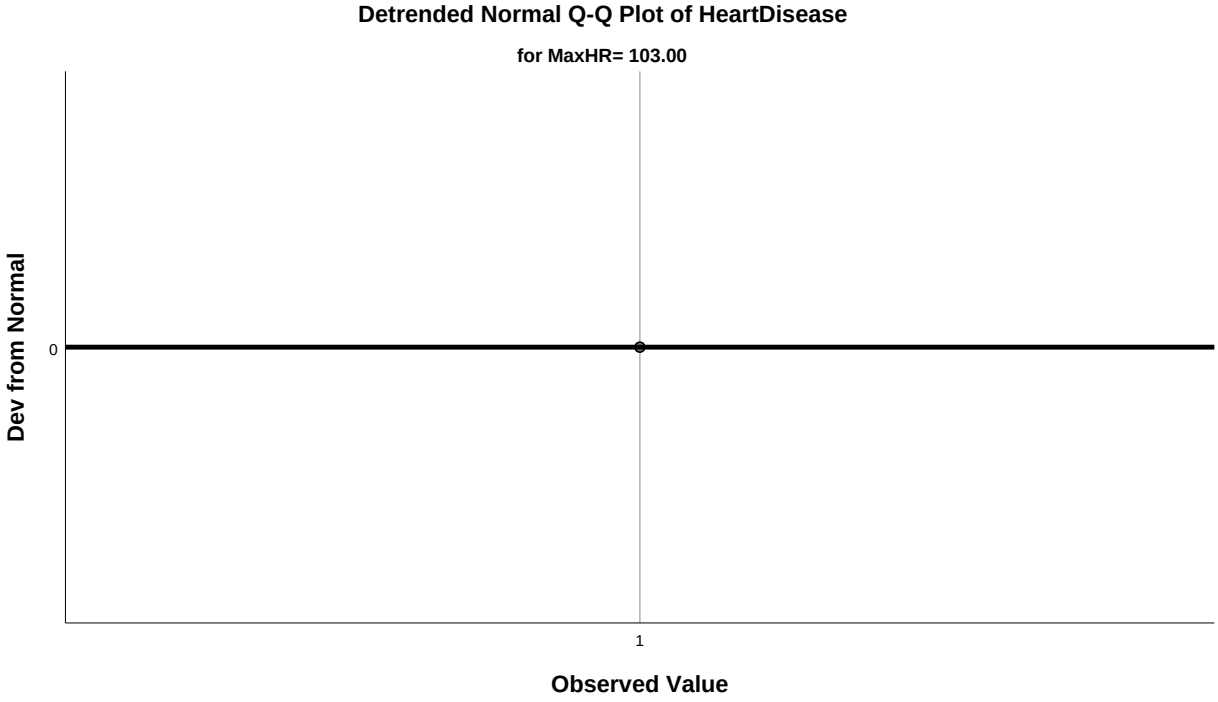

Normal Q-Q Plot of HeartDisease
for MaxHR= 181.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

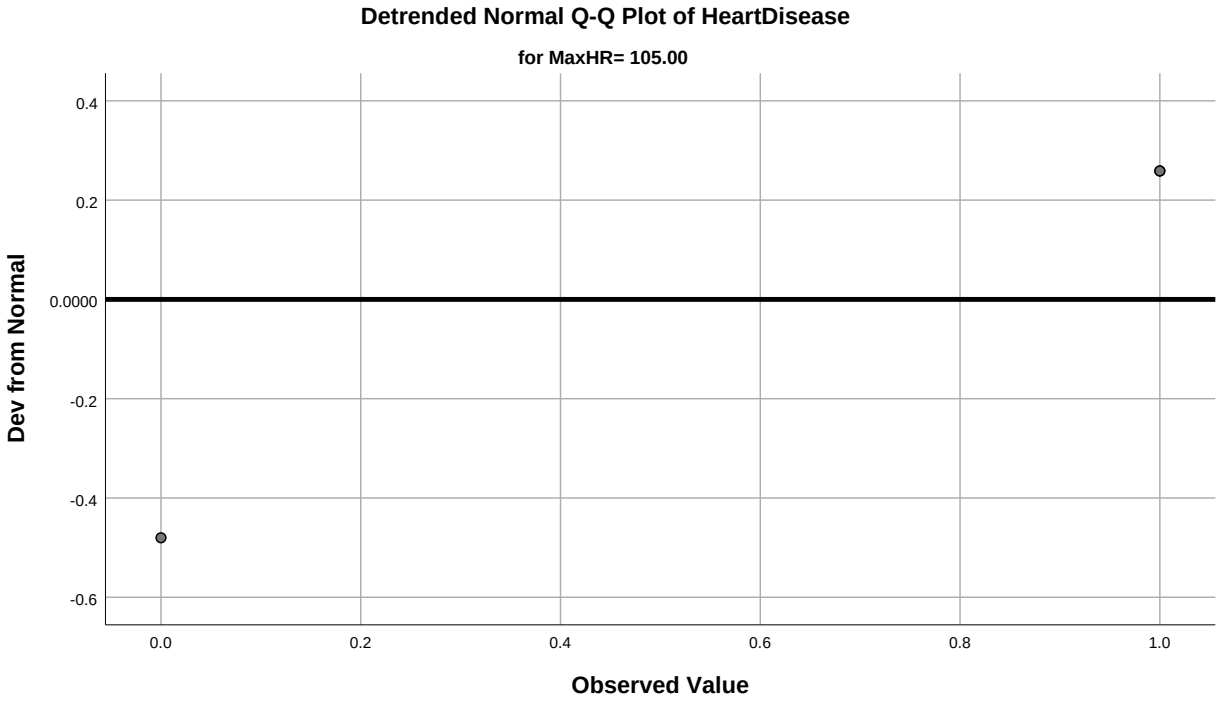


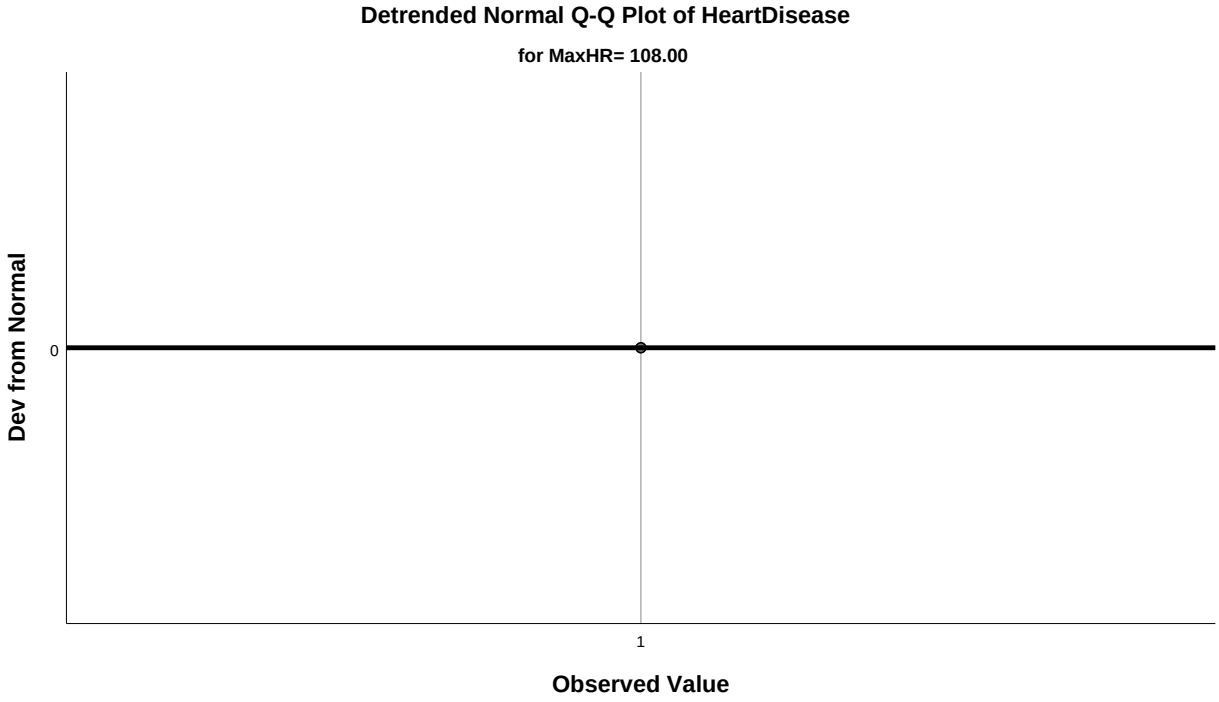


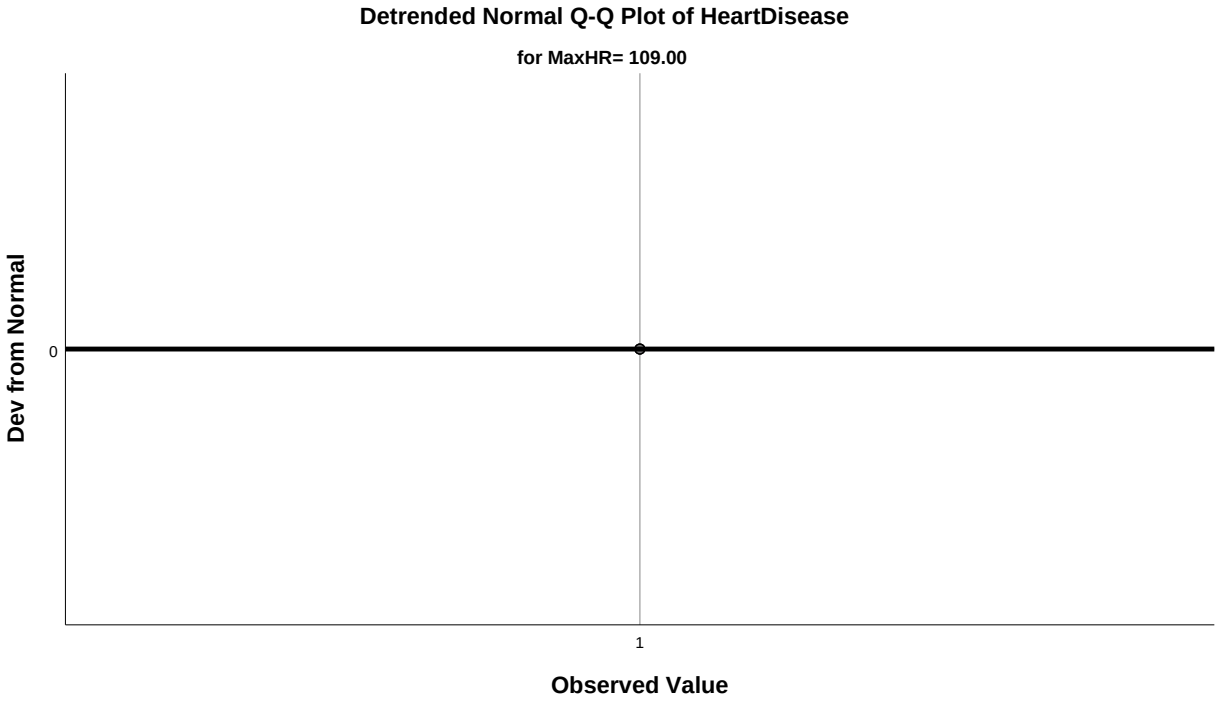
Detrended Normal Q-Q Plots

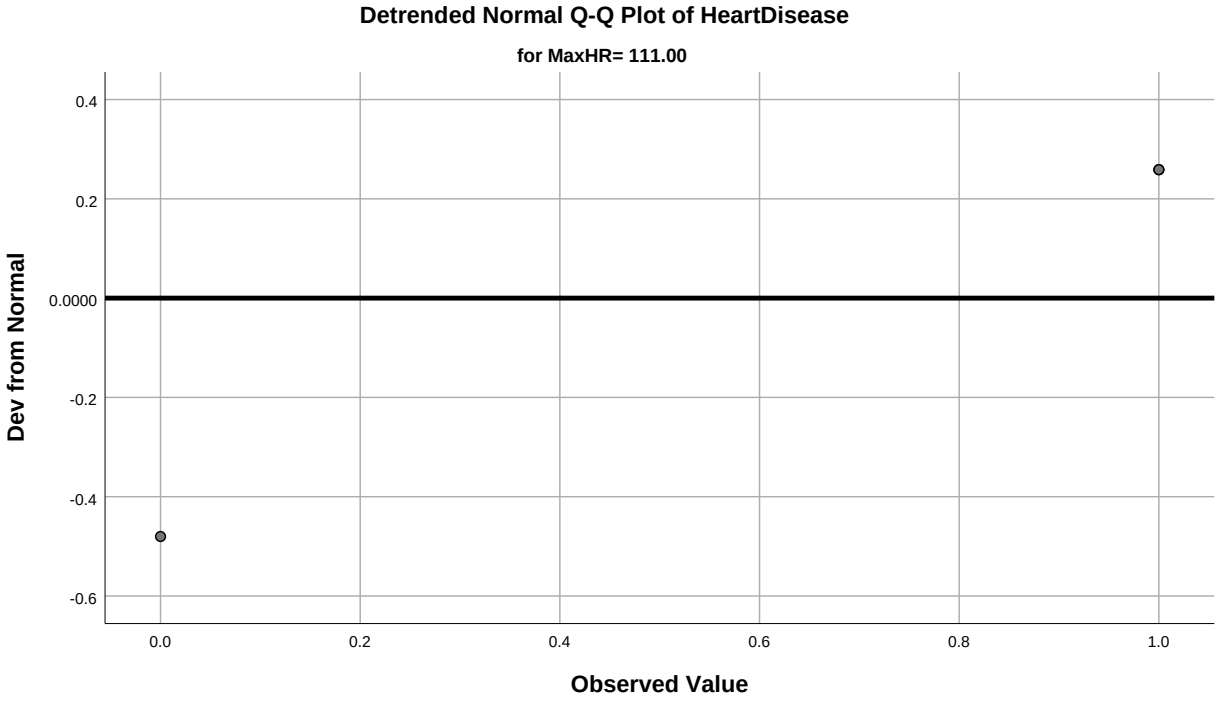

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 96.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

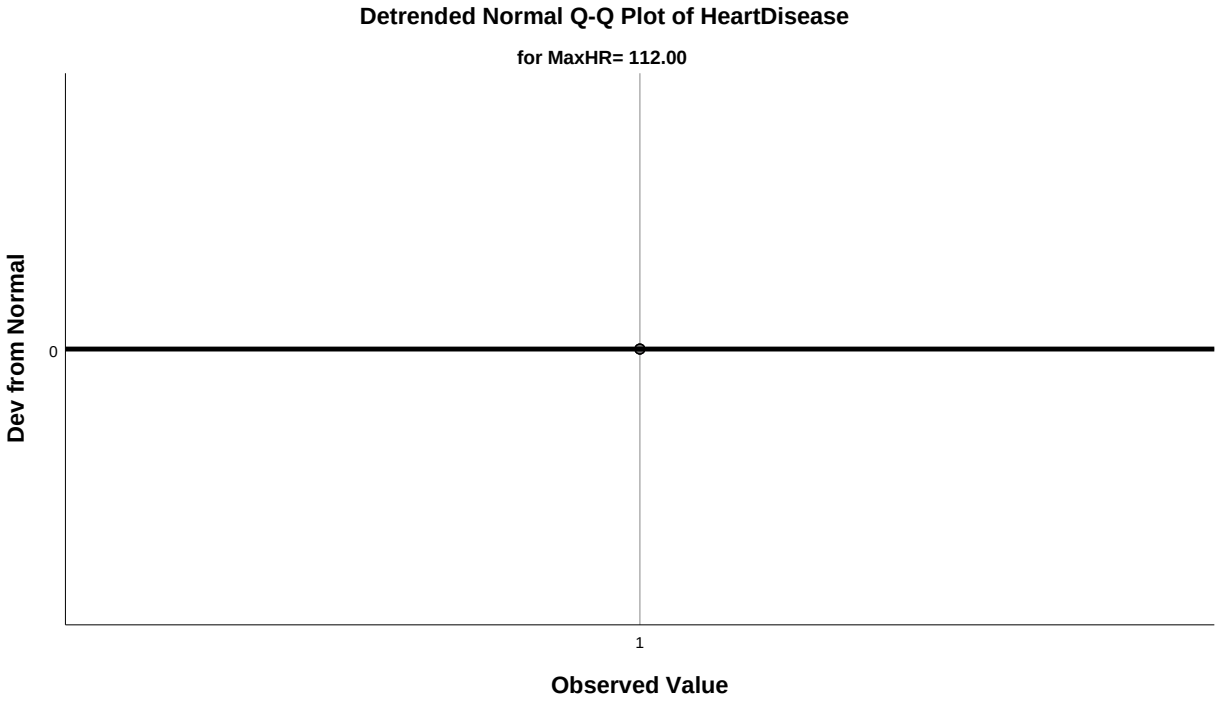

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 103.00
Dev from Normal
0
1
Observed Value

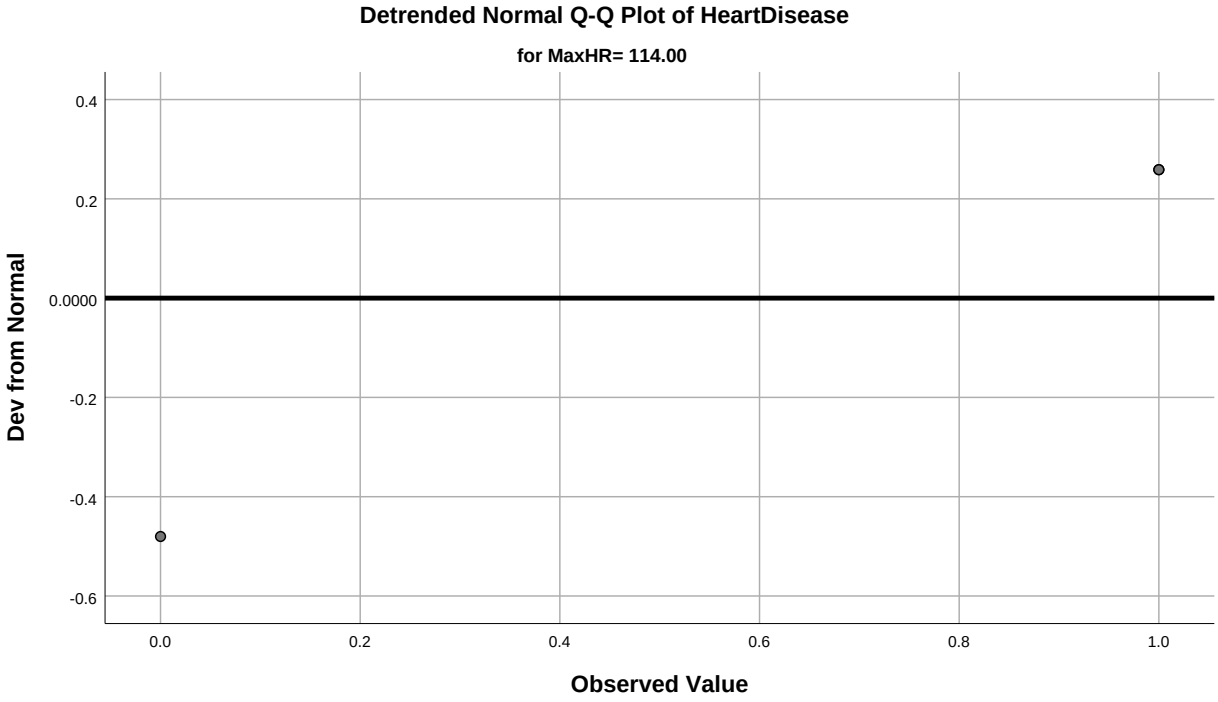

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 105.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

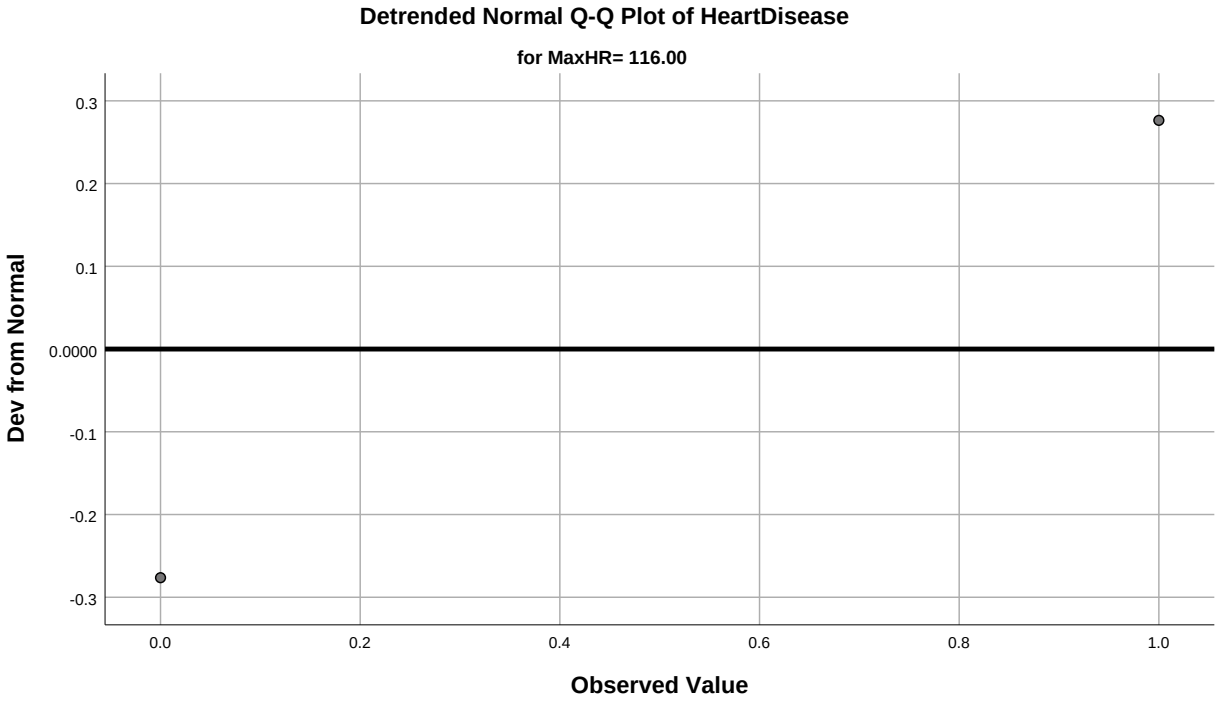

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 108.00
Dev from Normal
0
1
Observed Value

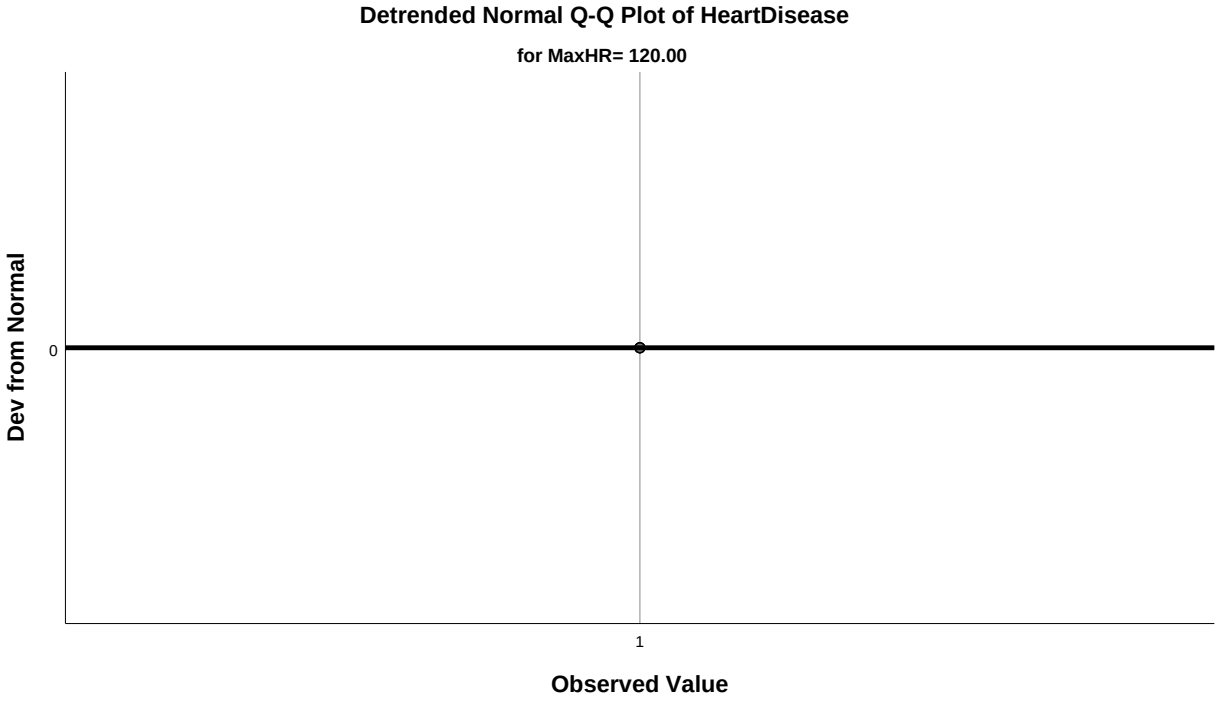

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 109.00
Dev from Normal
0
1
Observed Value

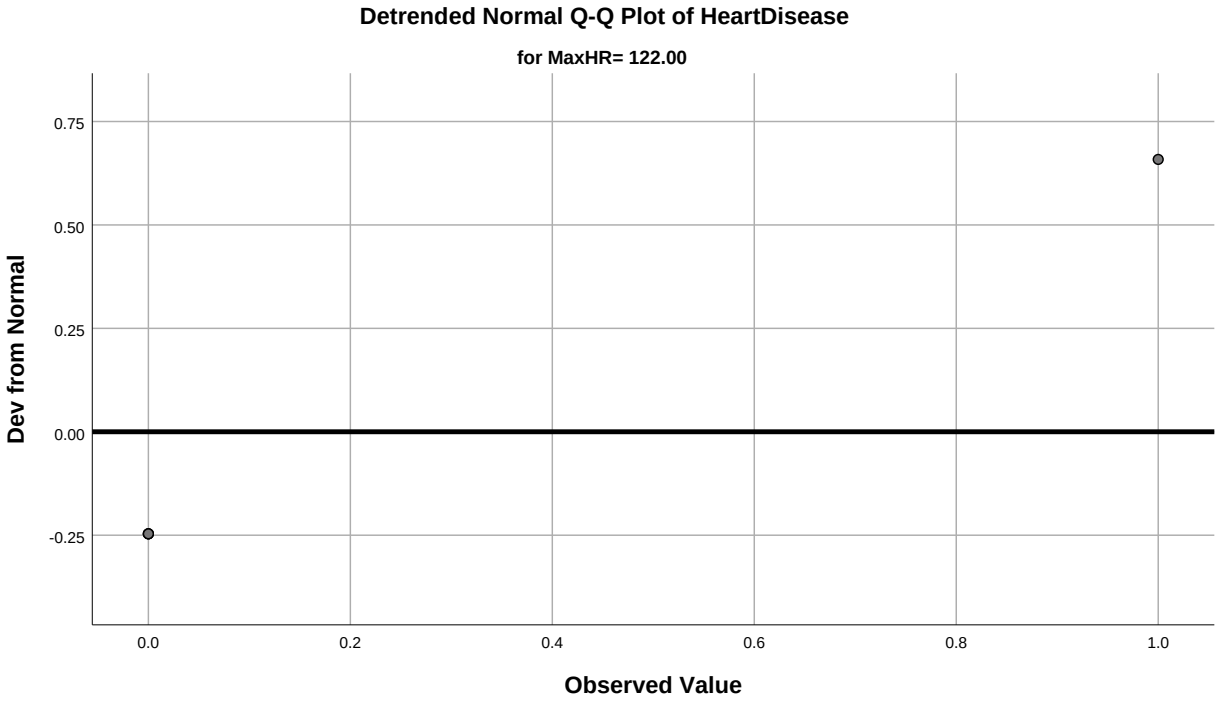

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 111.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

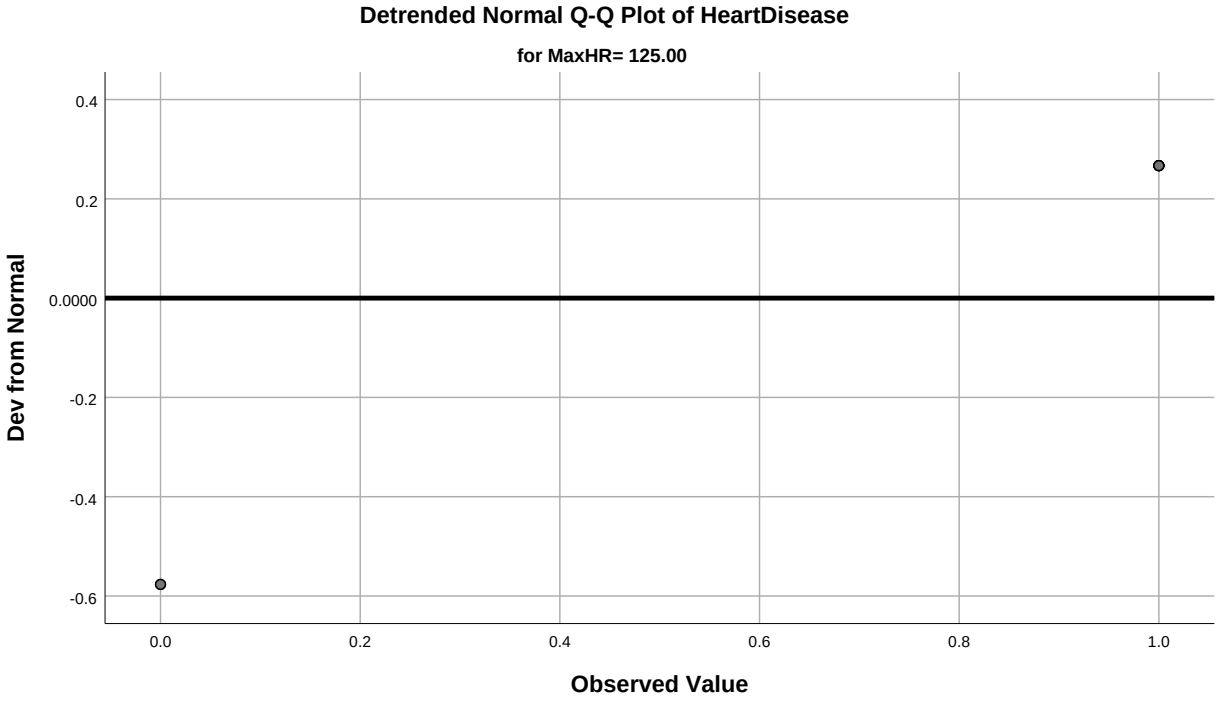

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 112.00
Dev from Normal
0
1
Observed Value

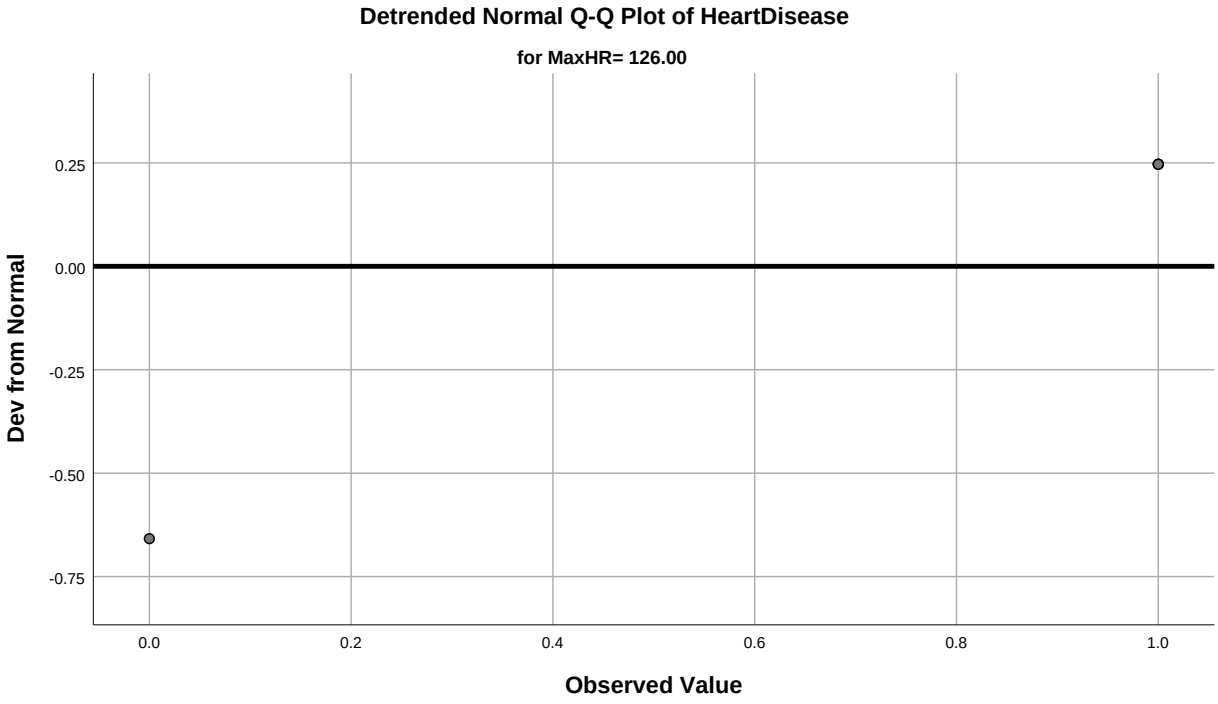

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 114.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

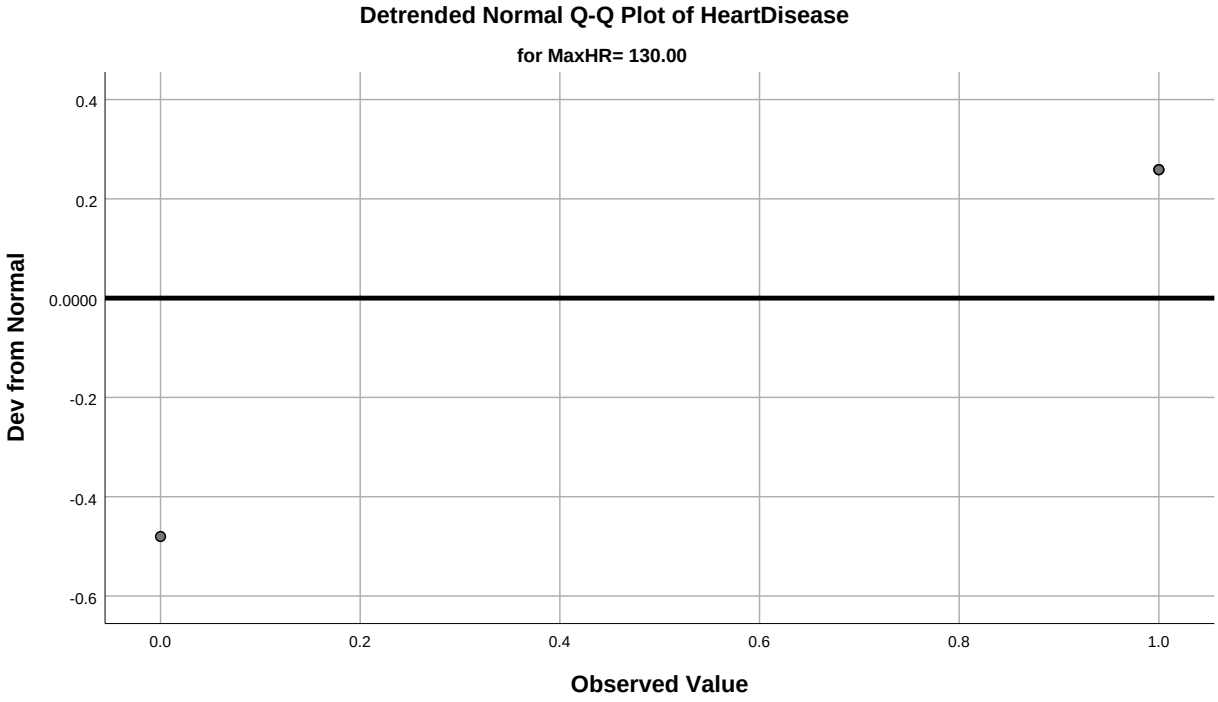

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 116.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

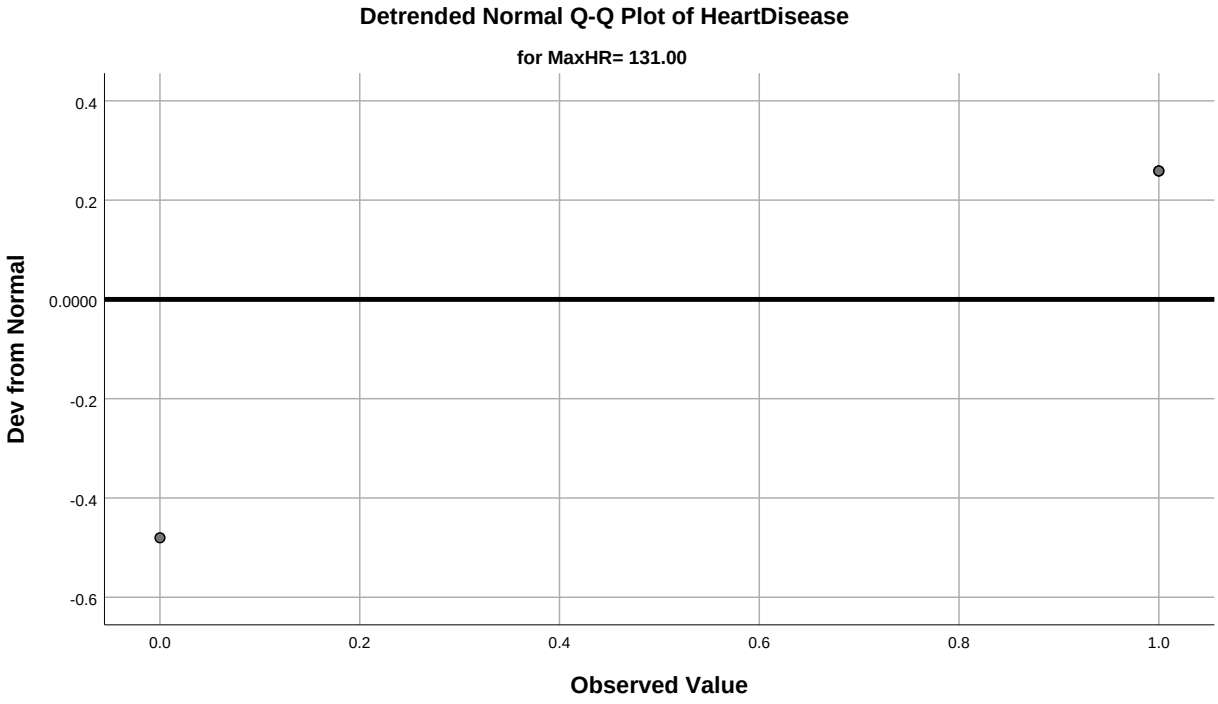

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 120.00
Dev from Normal
0
1
Observed Value

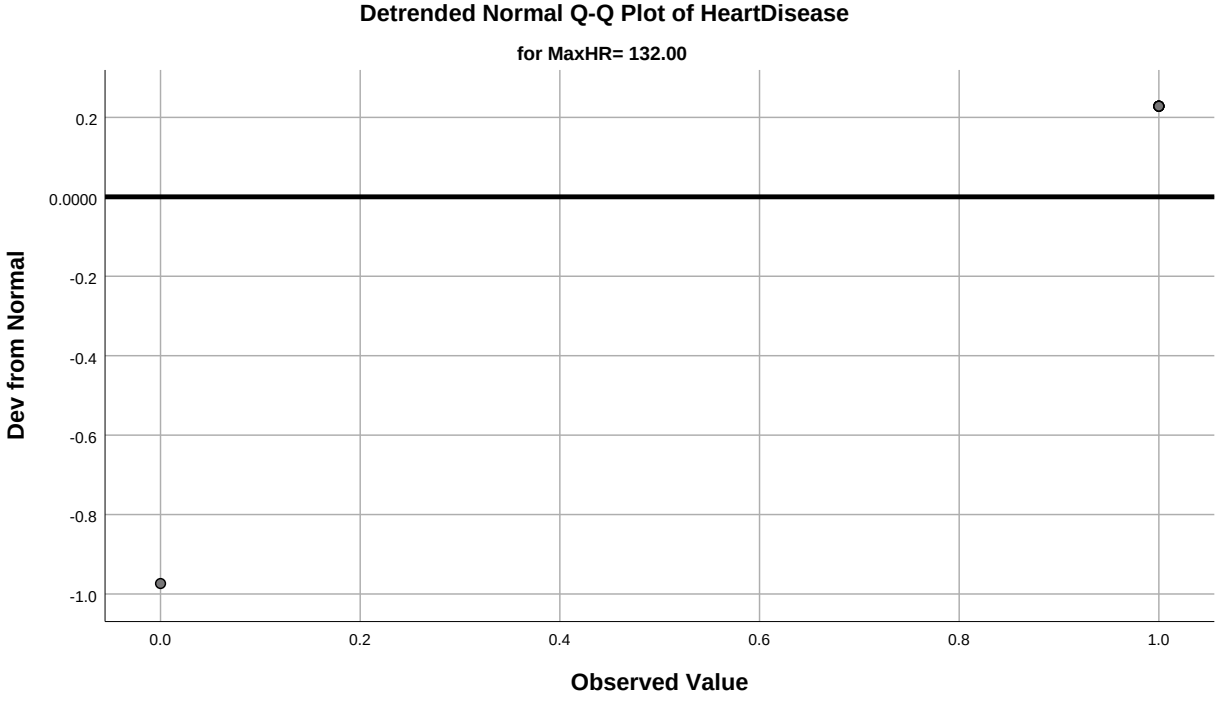

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 122.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

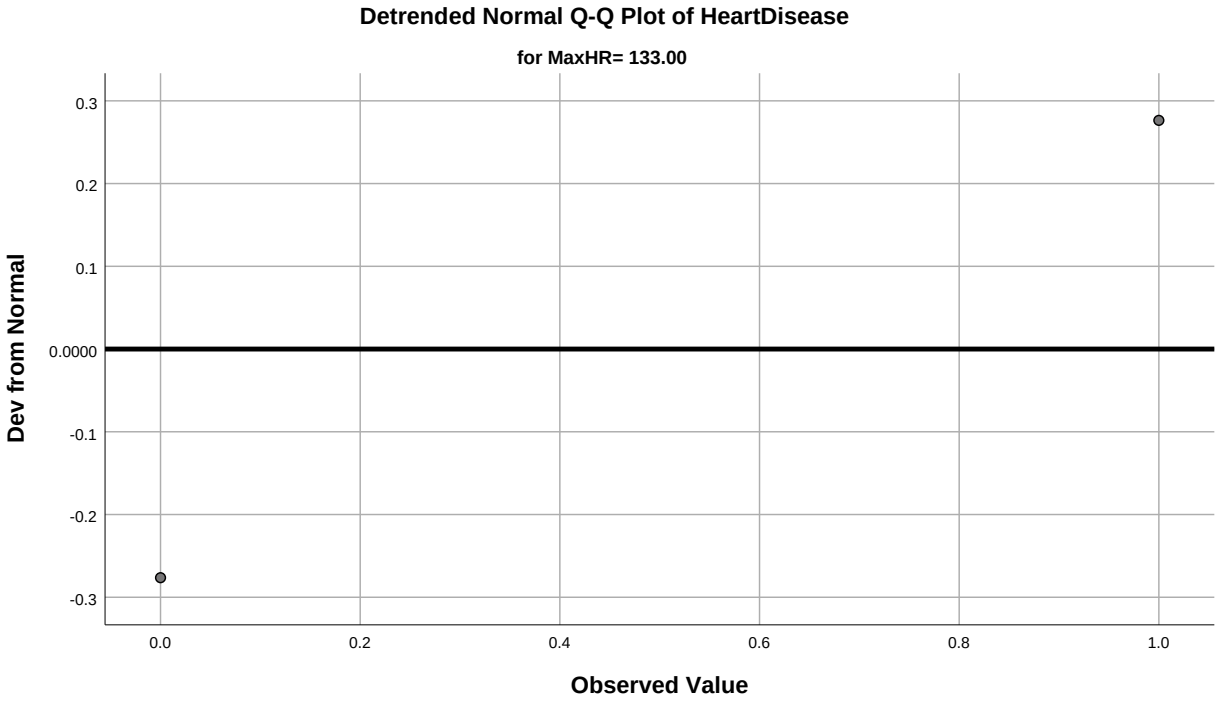

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 125.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

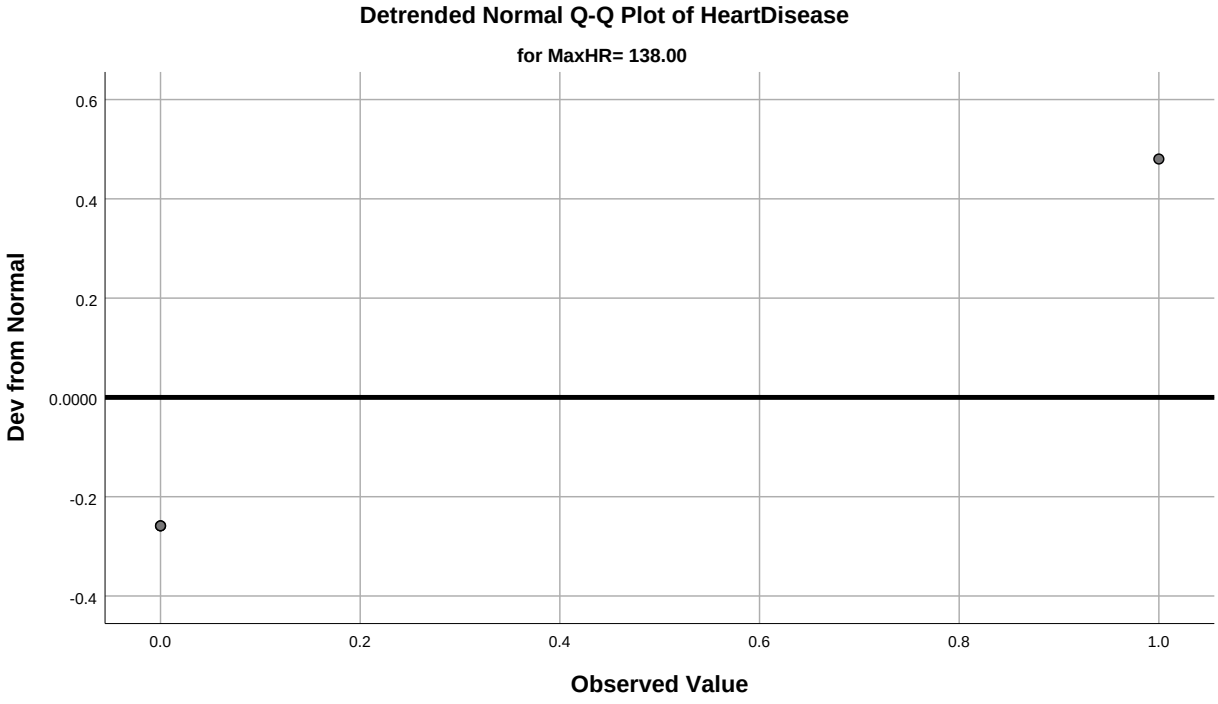

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 126.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

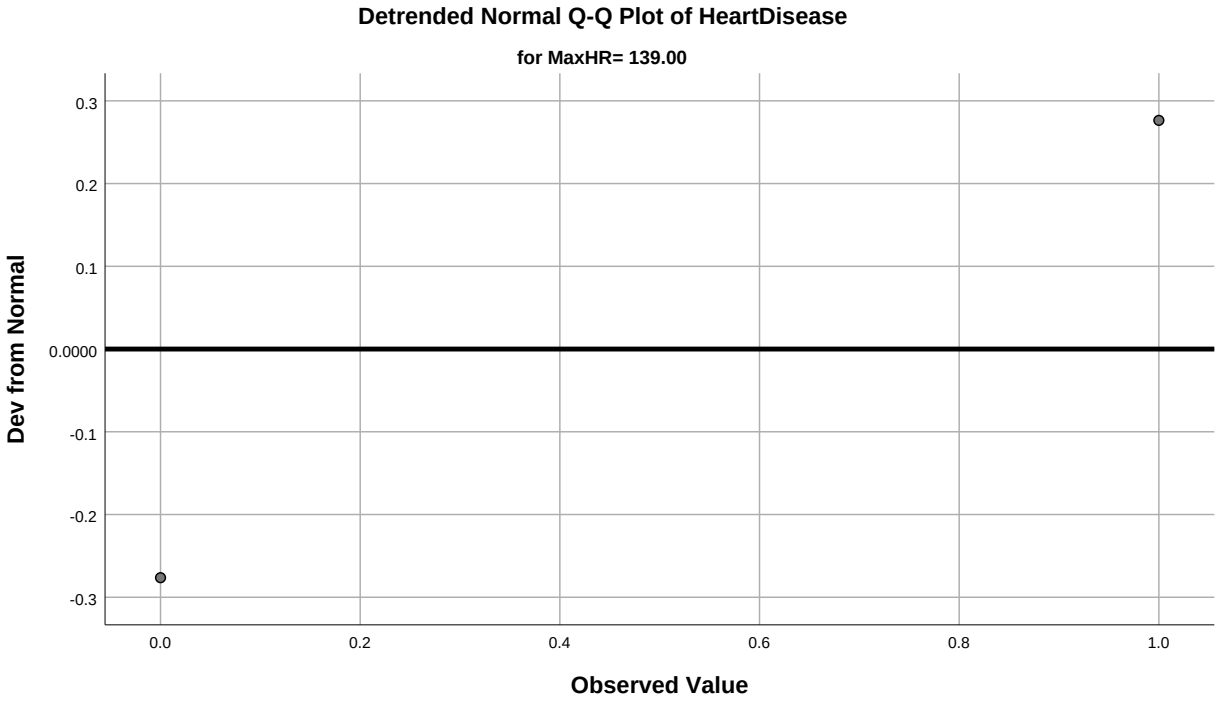

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 130.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

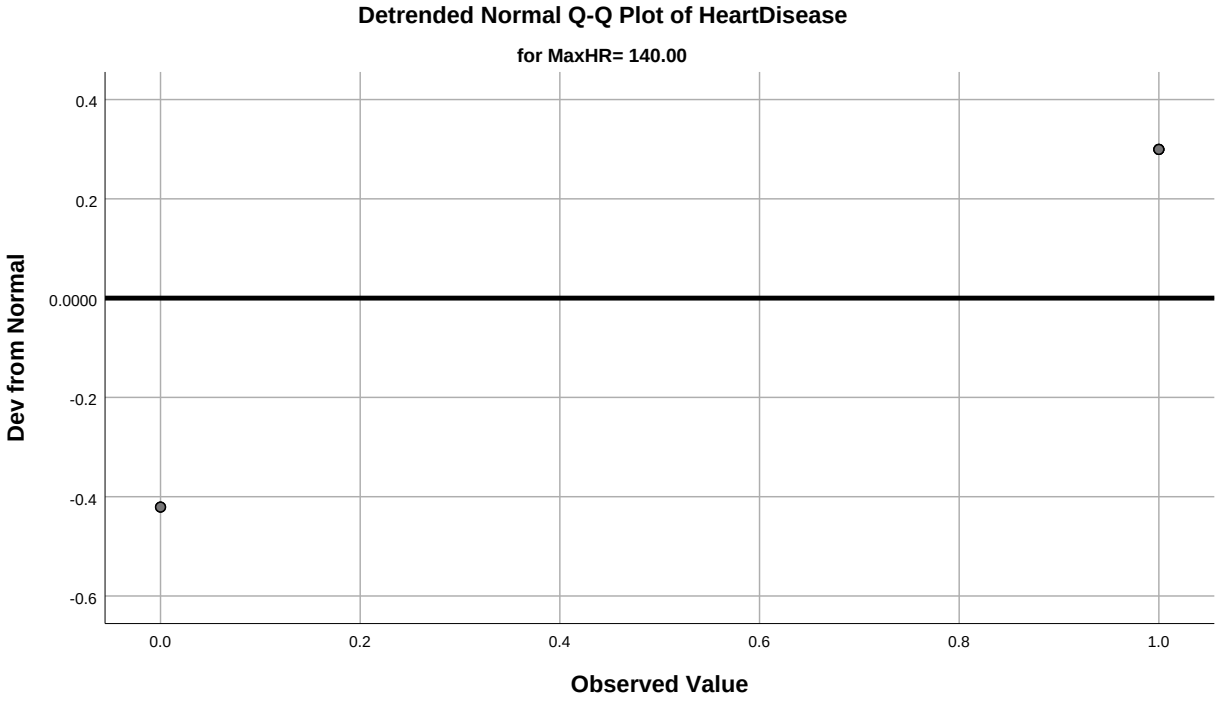

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 131.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

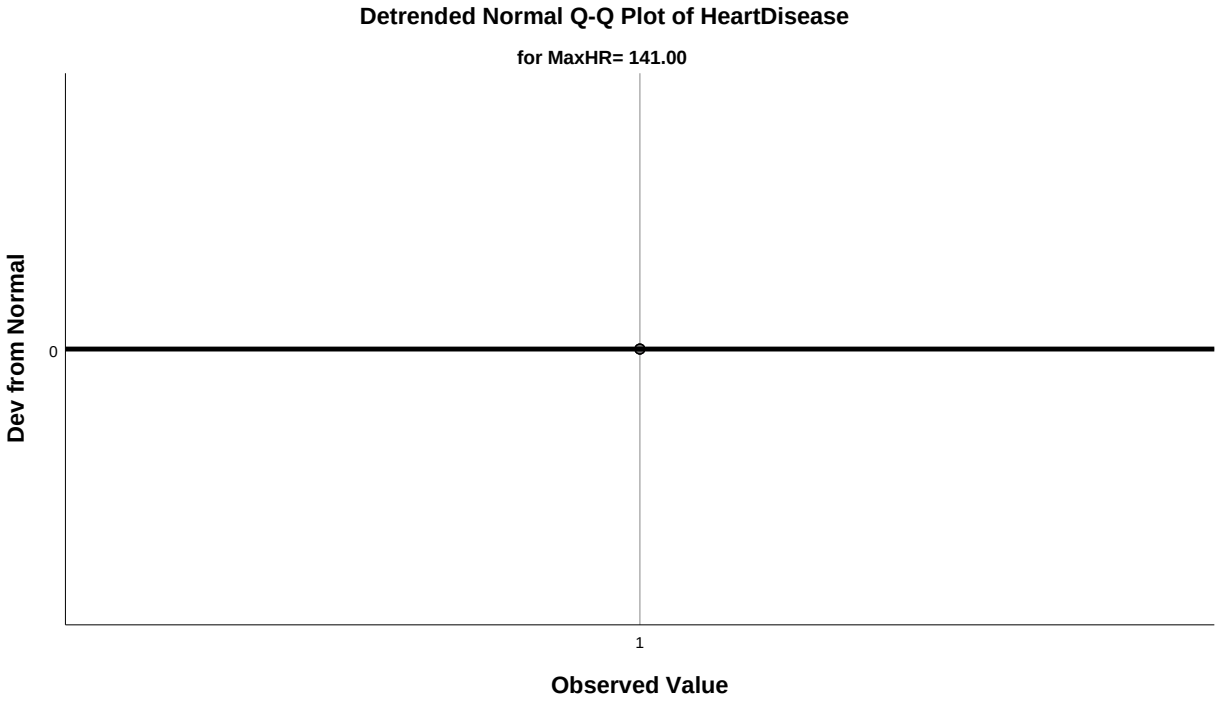

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 132.00
Dev from Normal
0.2
0.0000
-0.2
-0.4
-0.6
-0.8
-1.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

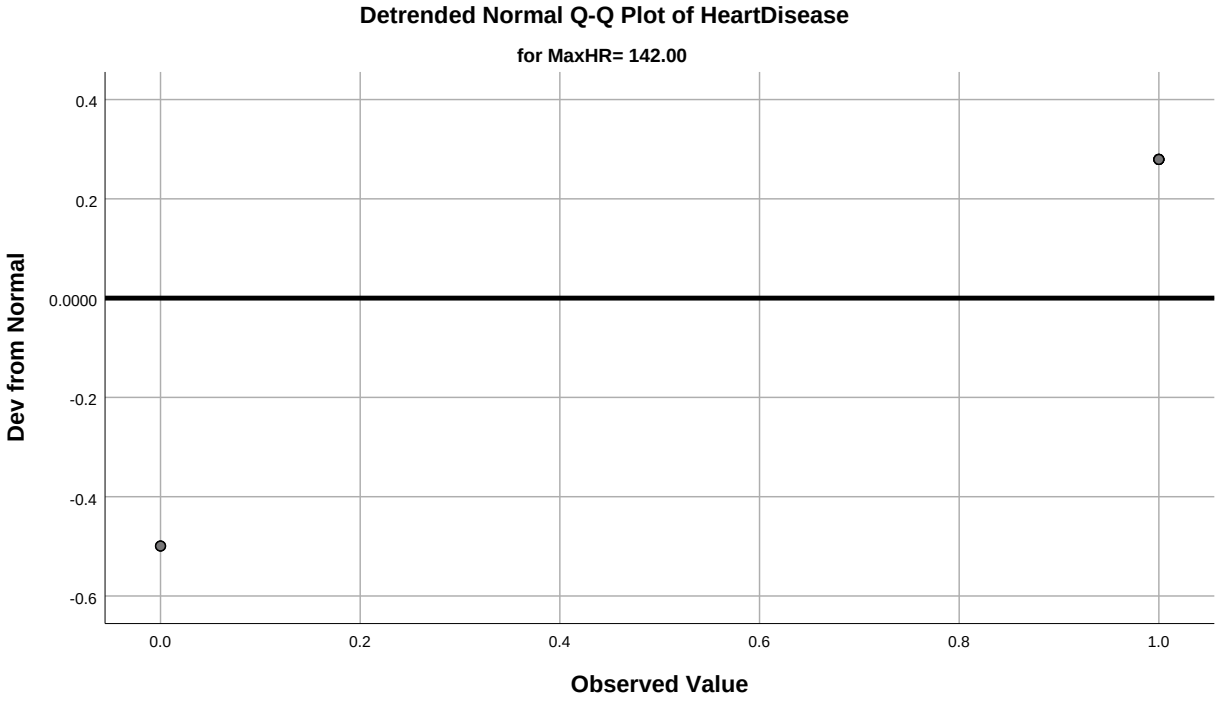

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 133.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

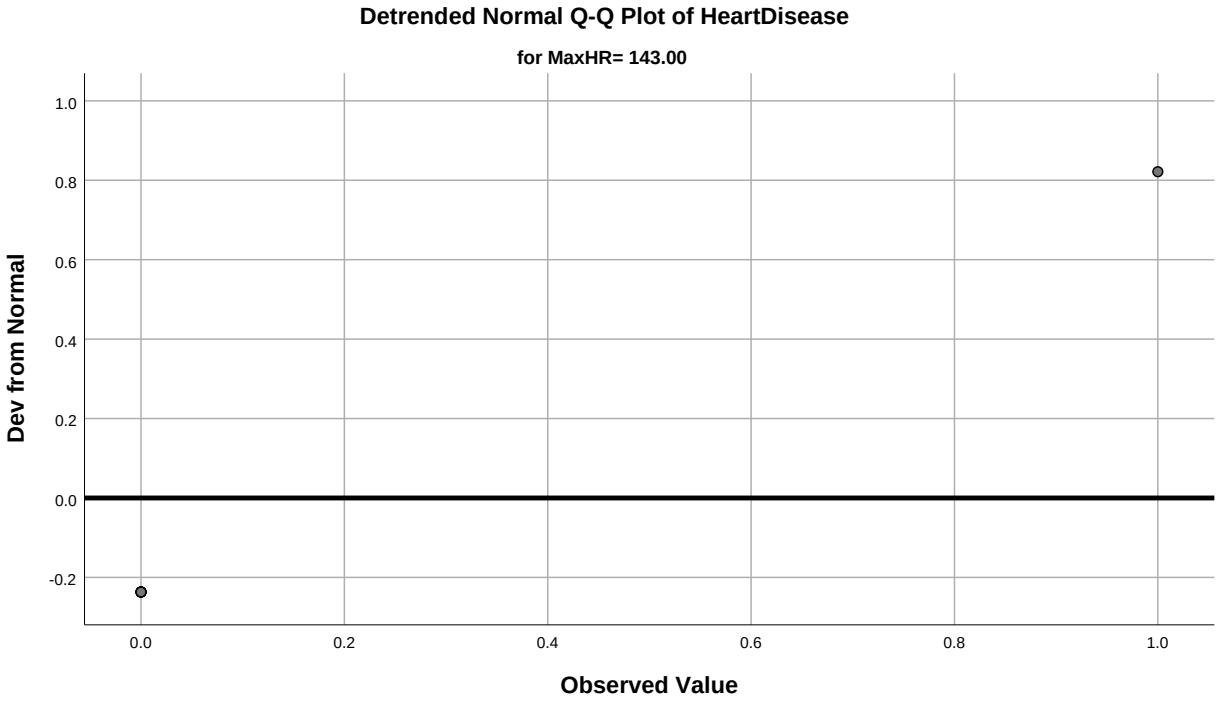

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 138.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

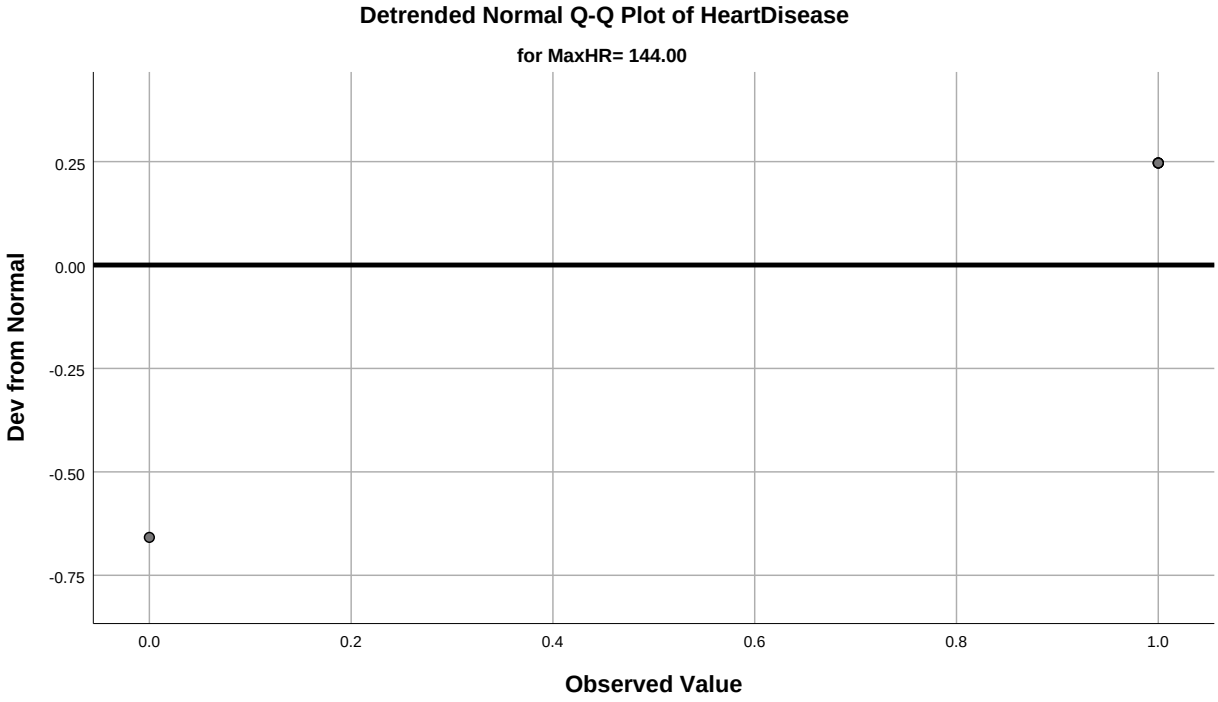

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 139.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

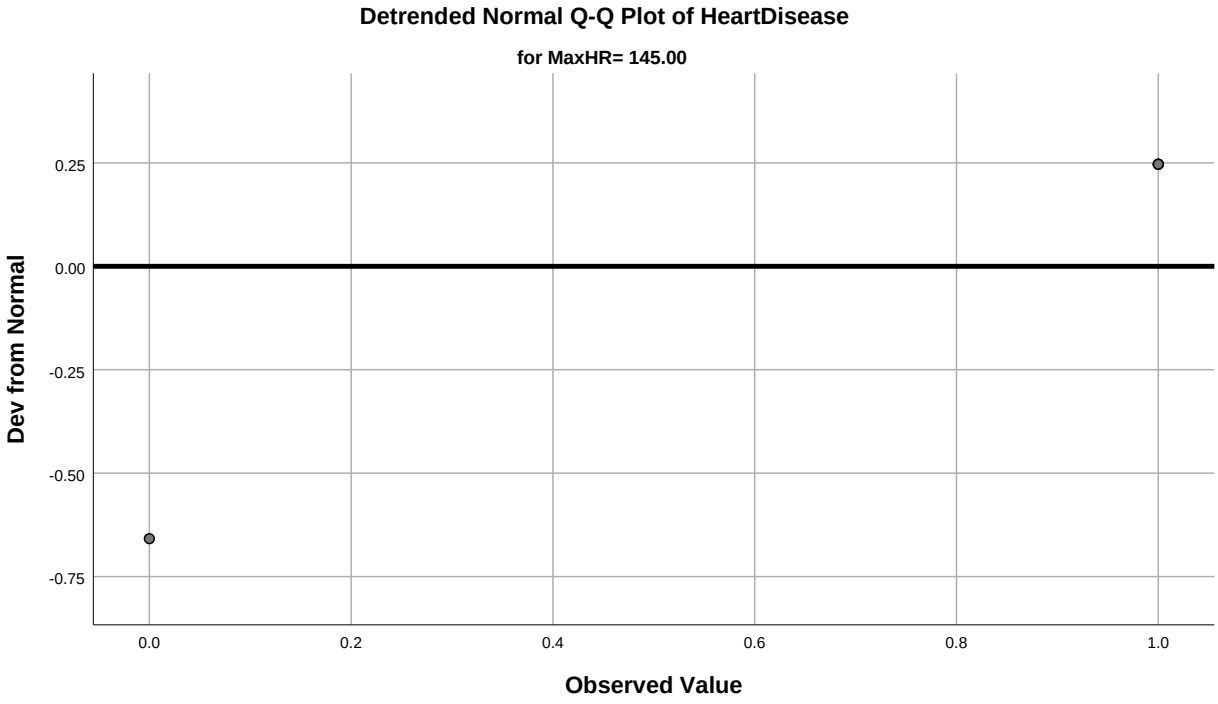

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 140.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

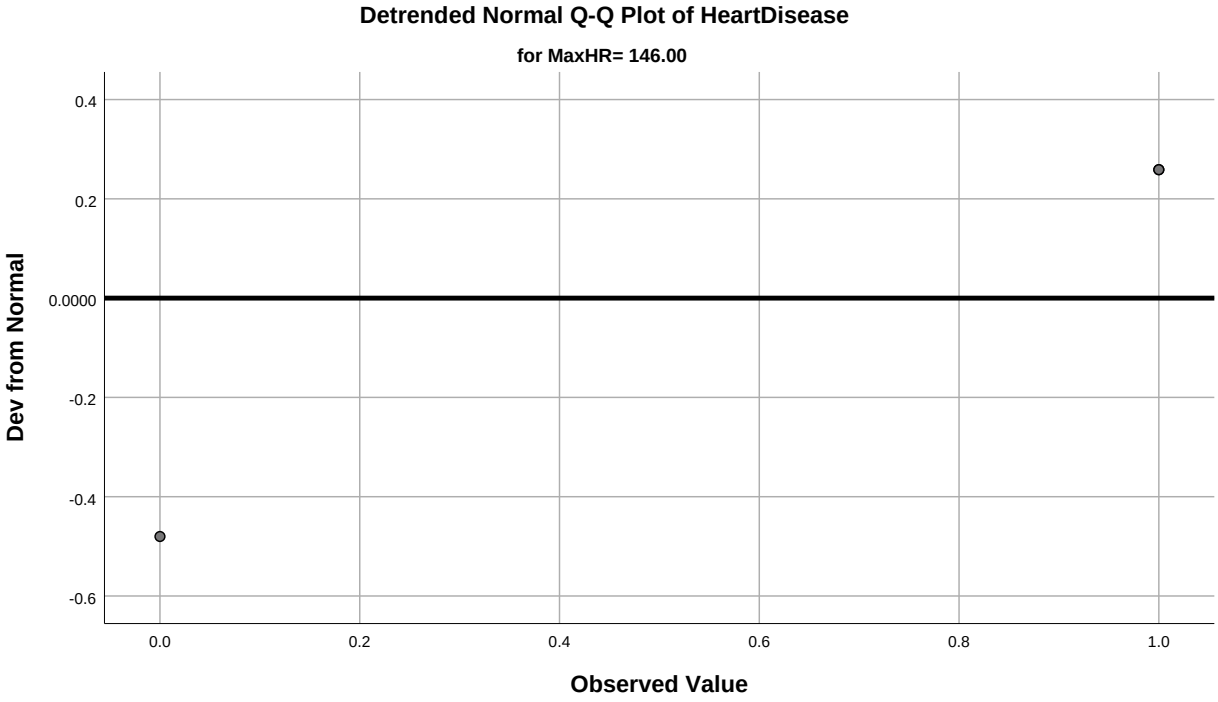

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 141.00
Dev from Normal
0
1
Observed Value

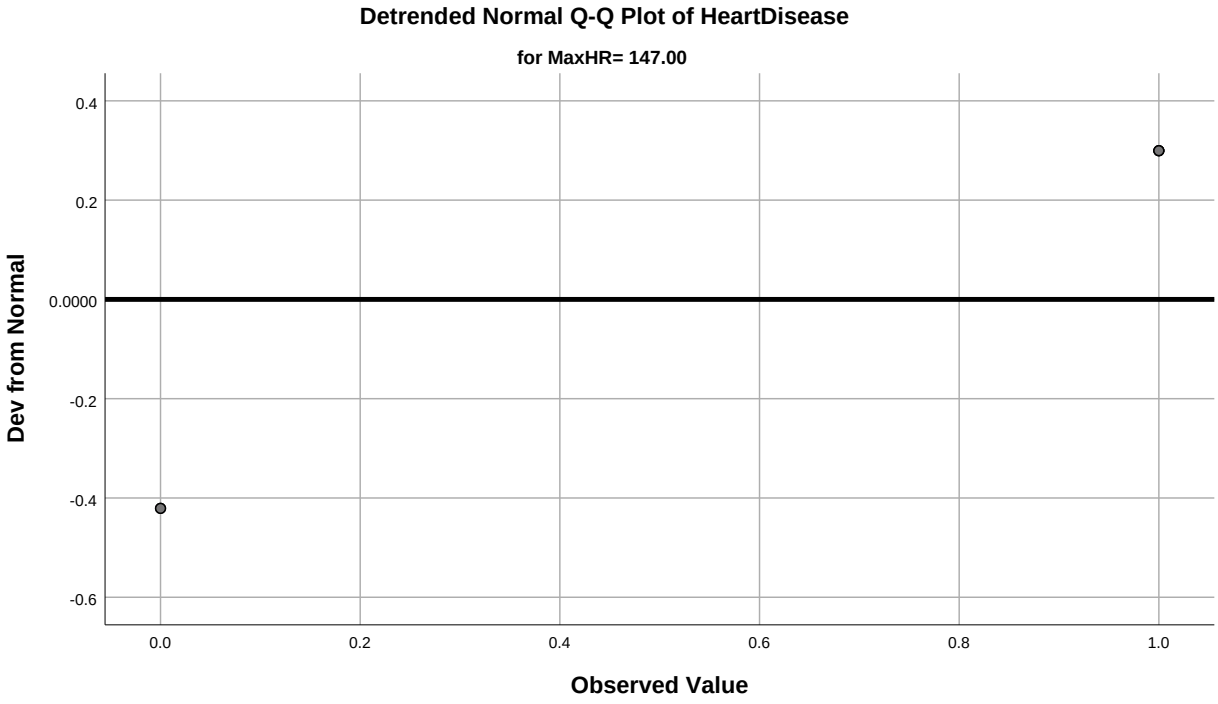

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 142.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

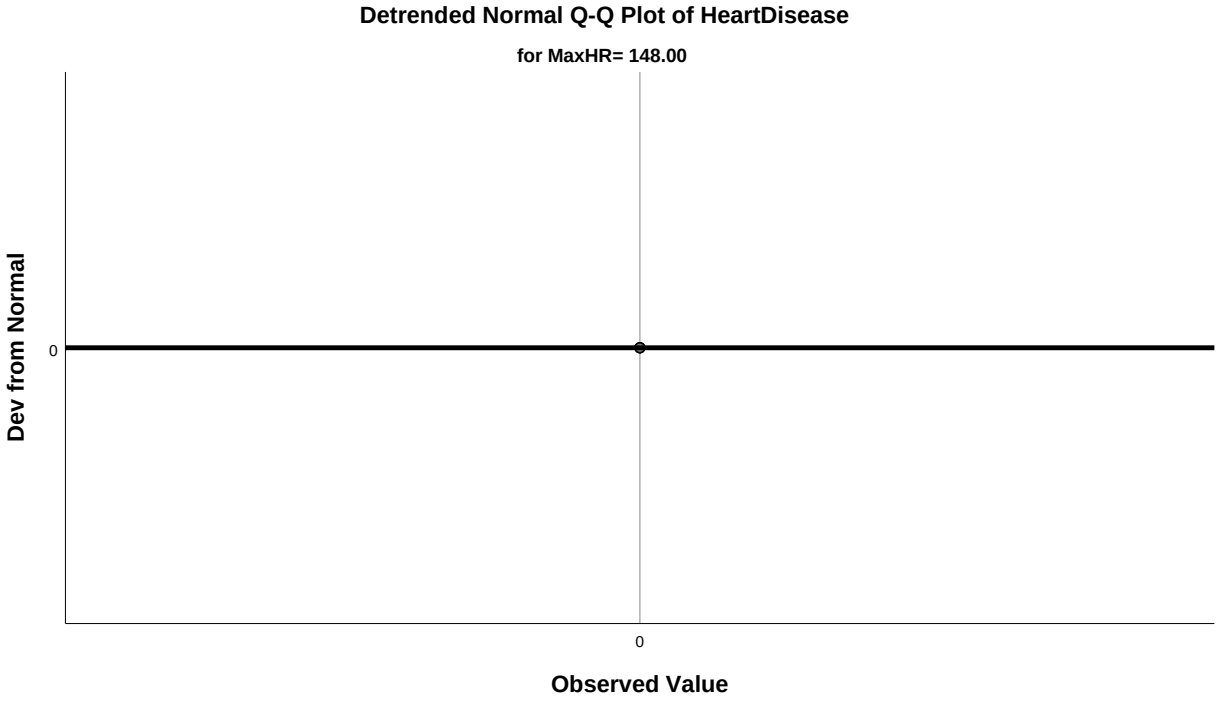

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 143.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

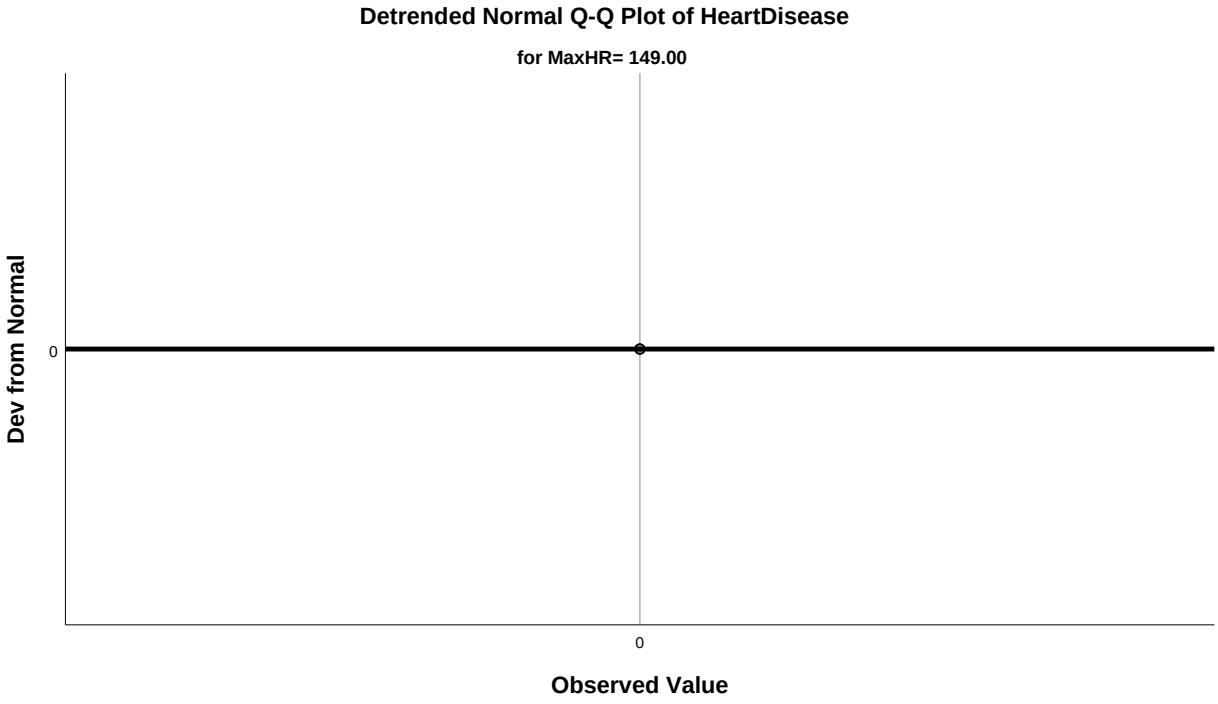

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 144.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

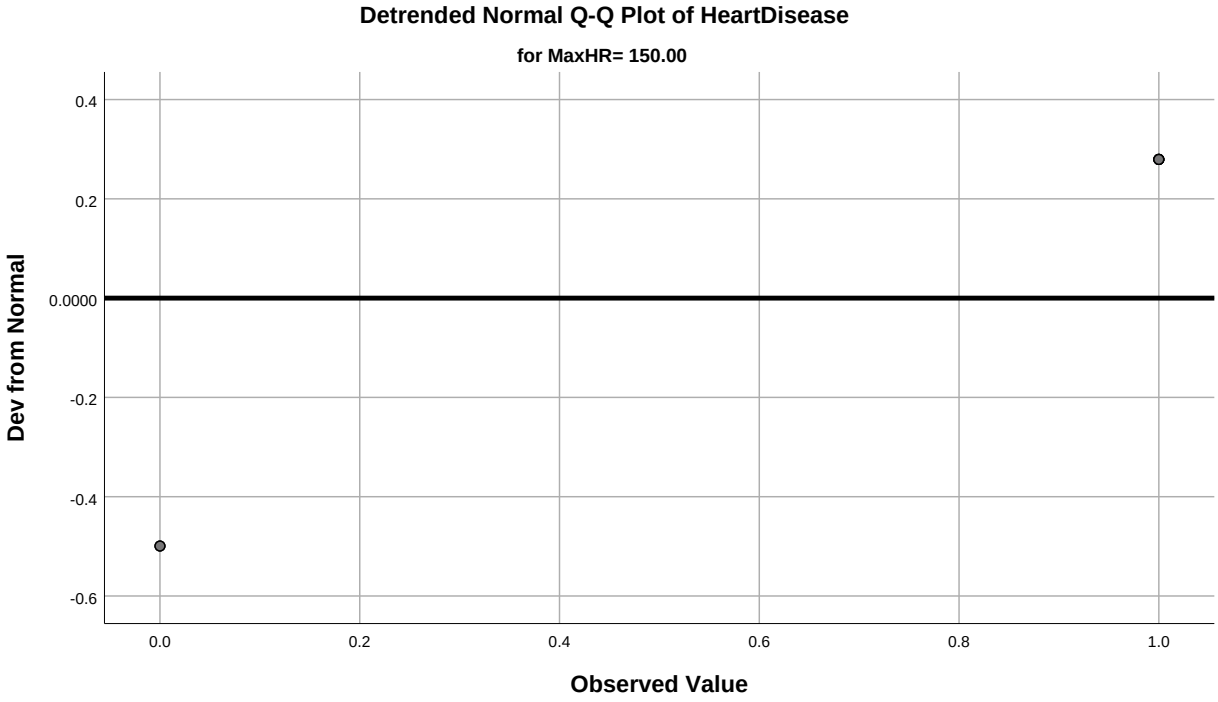

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 145.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

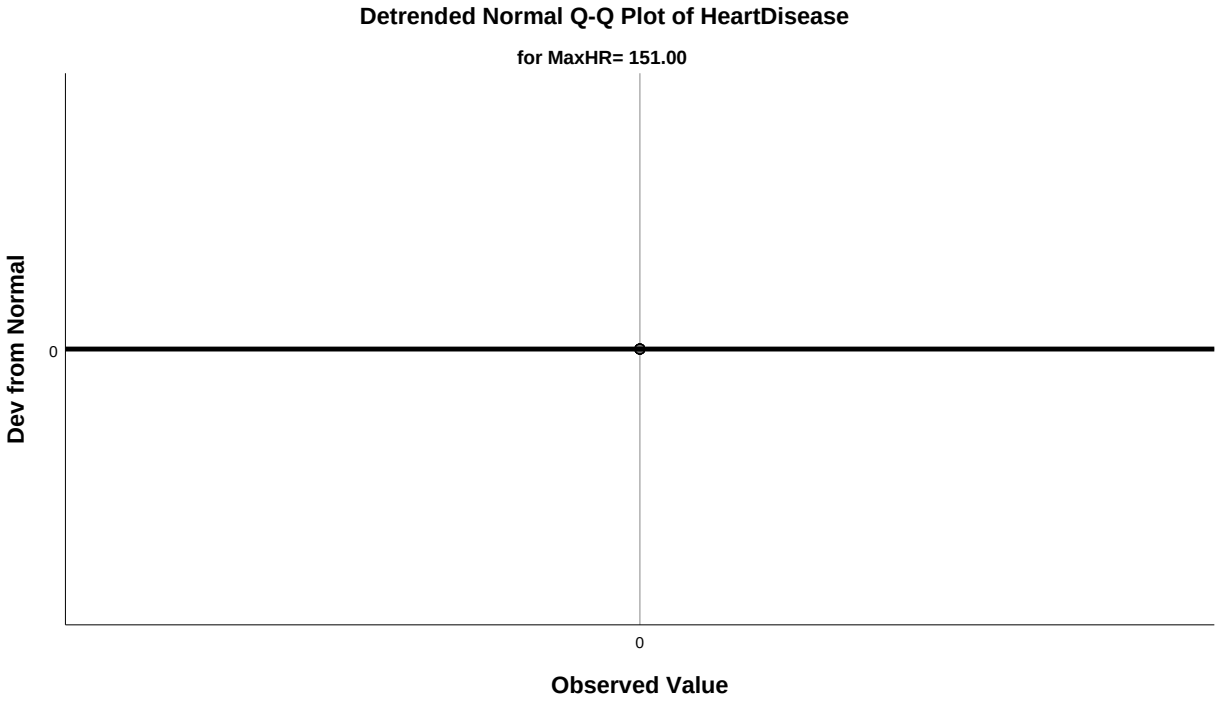

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 146.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

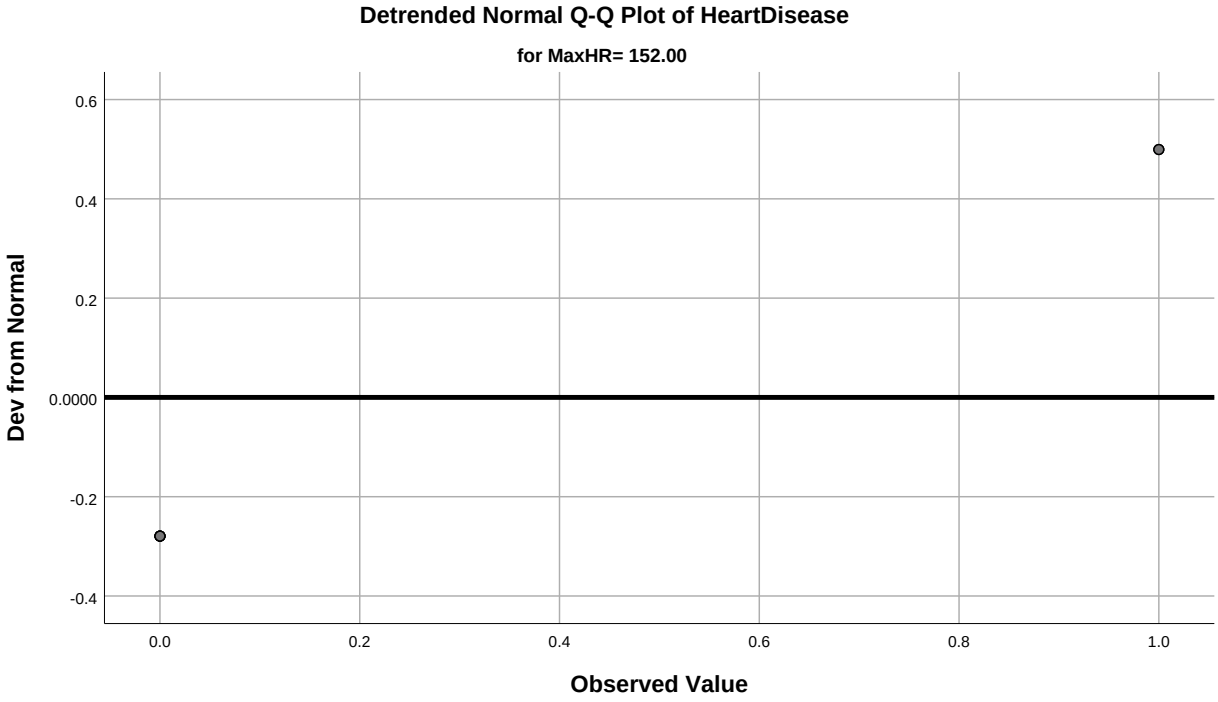

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 147.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

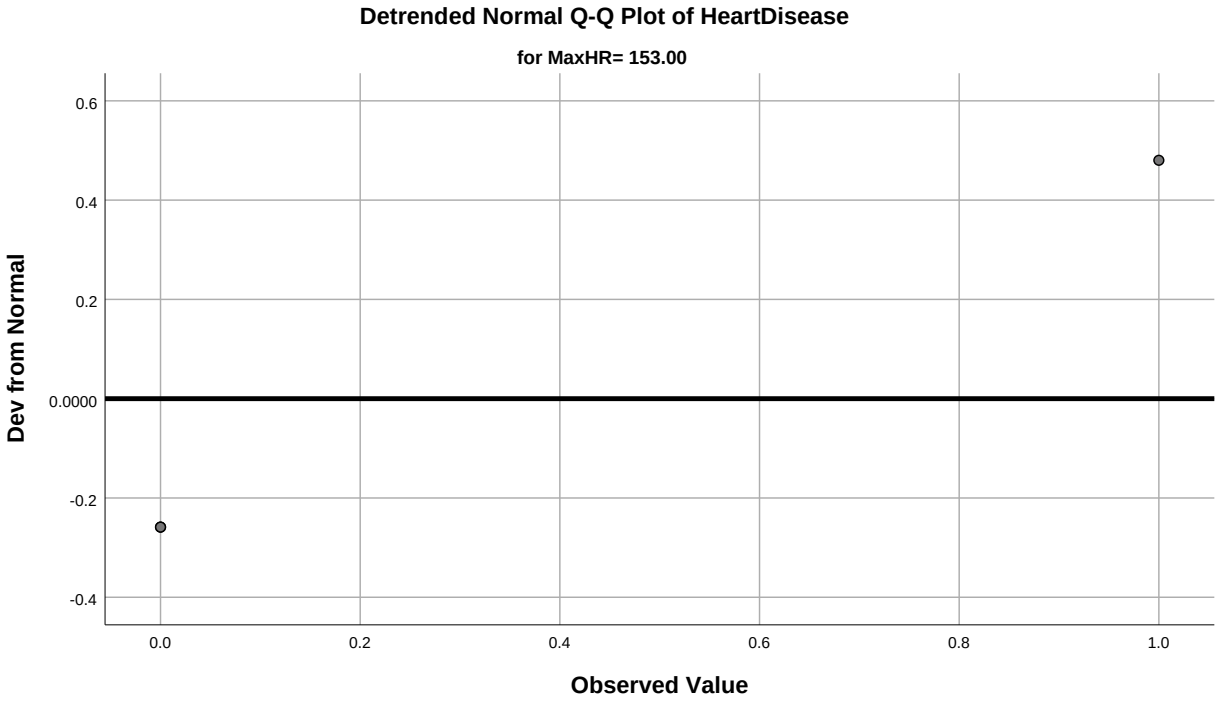

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 148.00
Dev from Normal
0
0
Observed Value

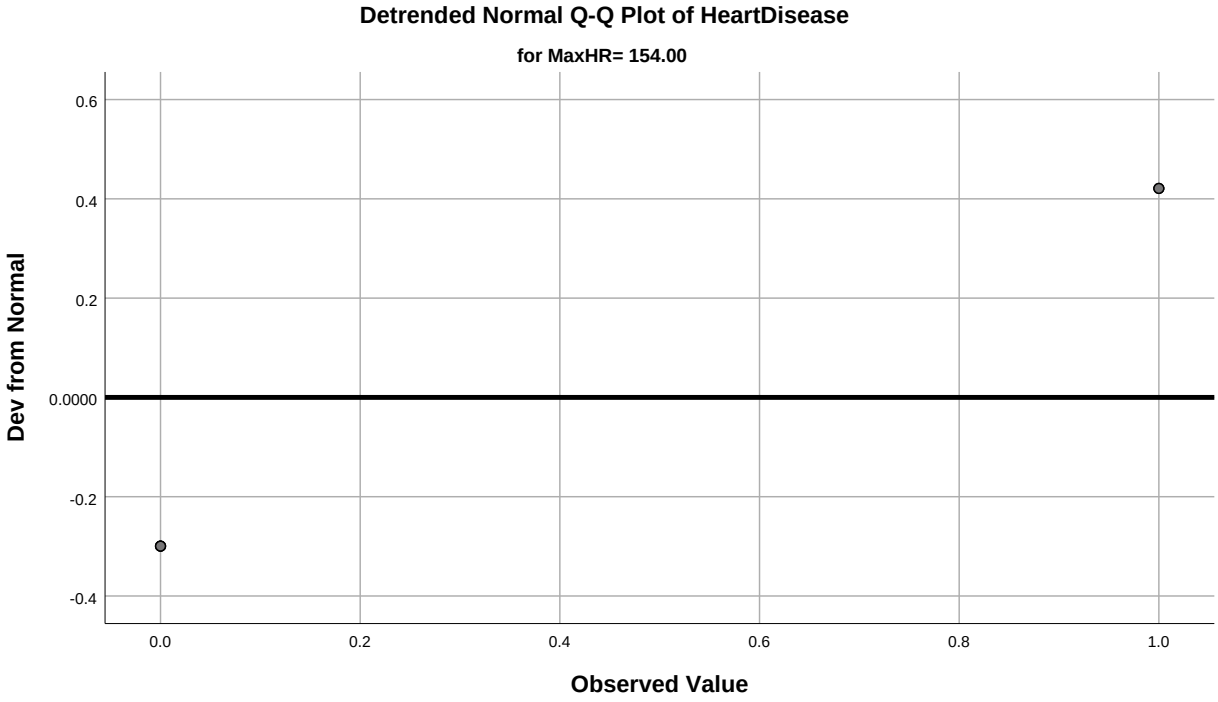

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 149.00
Dev from Normal
0
0
Observed Value

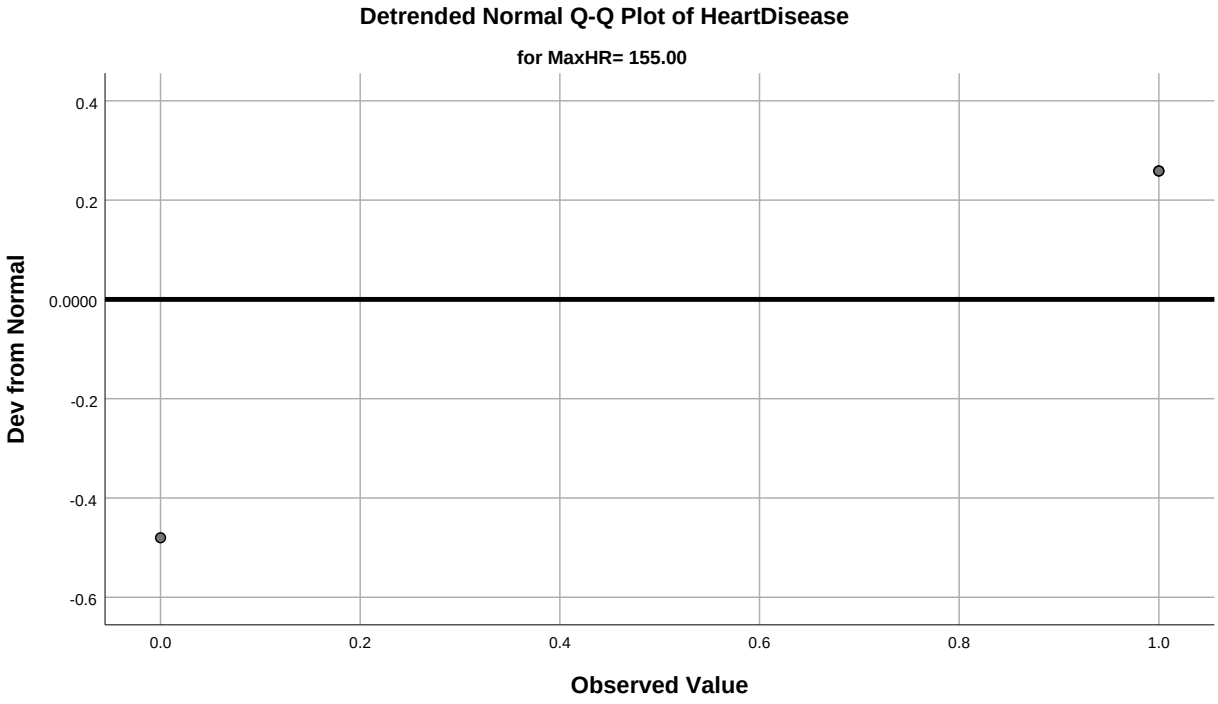

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 150.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

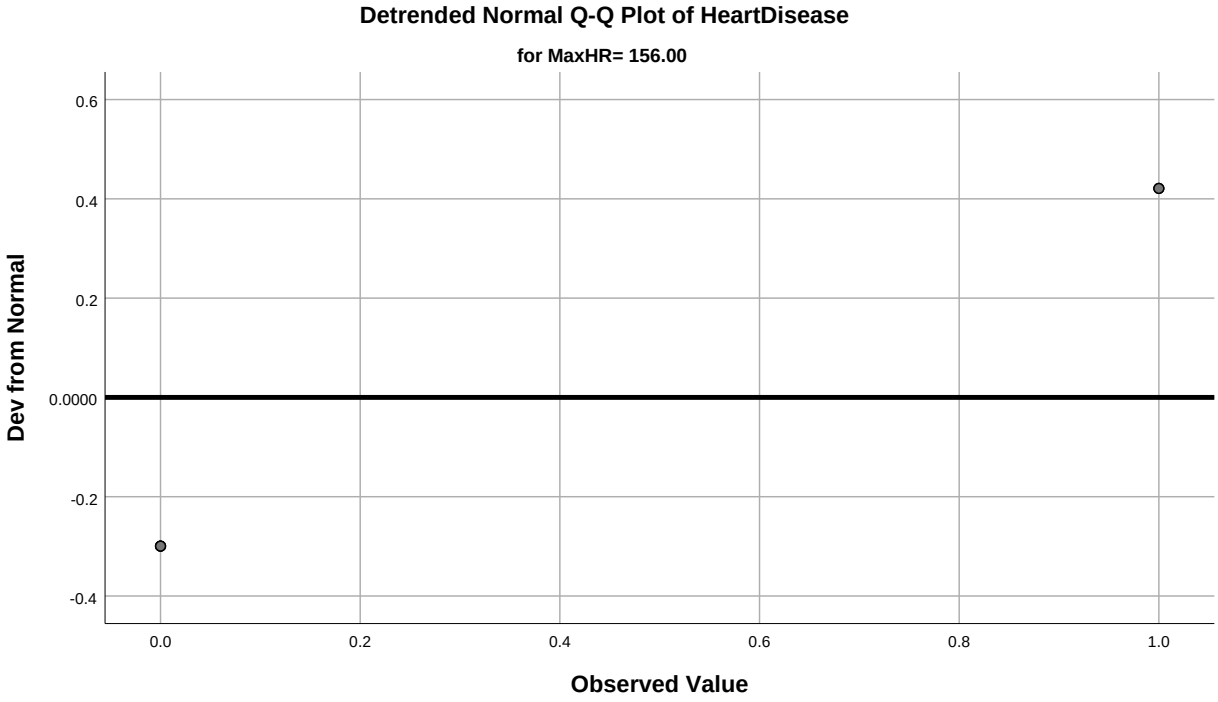

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 151.00
Dev from Normal
0
0
Observed Value

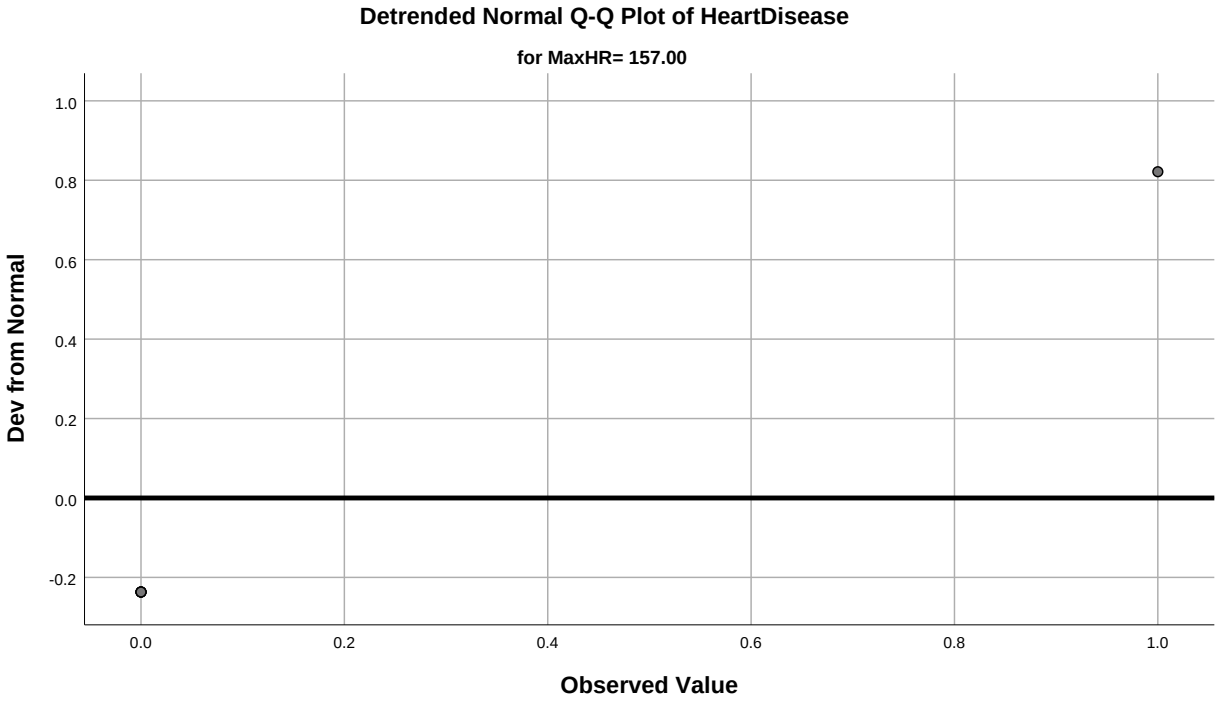

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 152.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

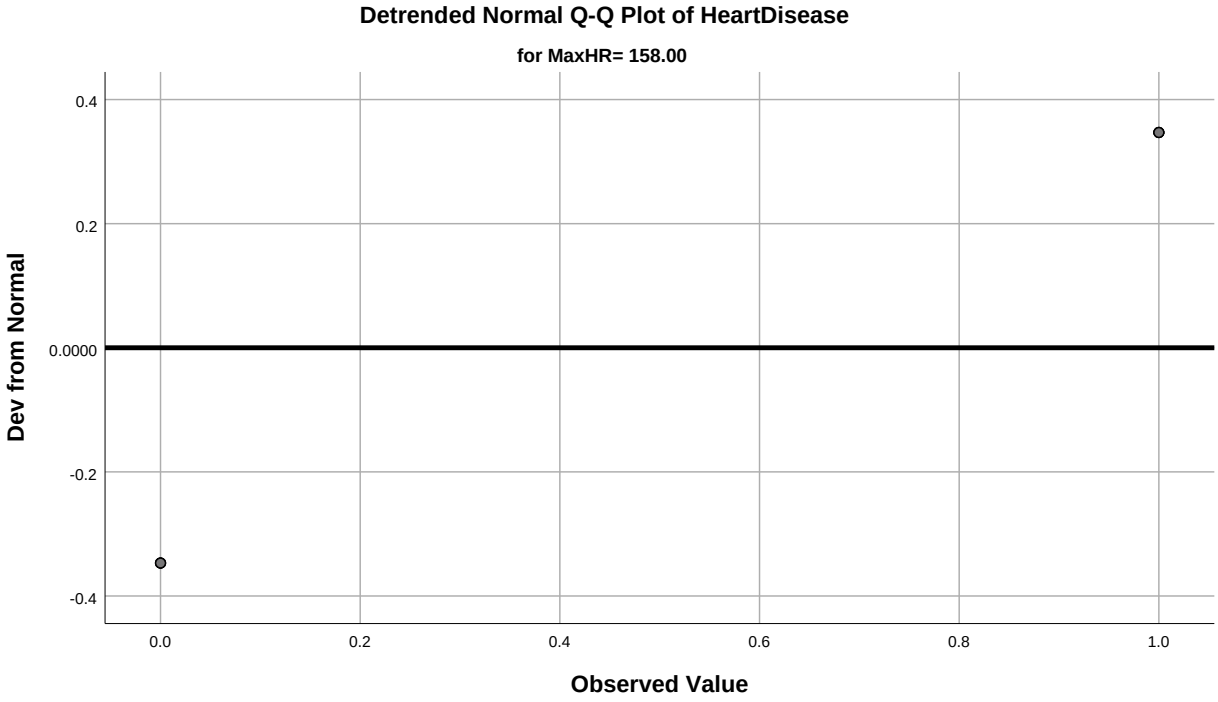

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 153.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

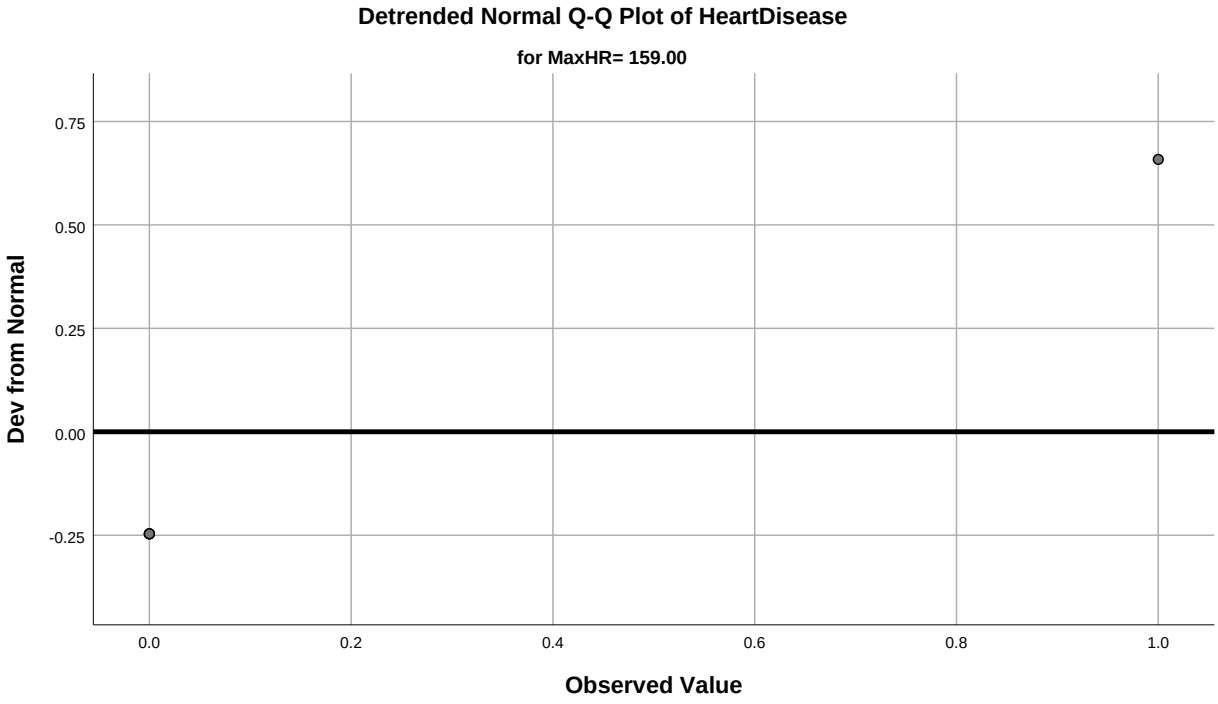

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 154.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

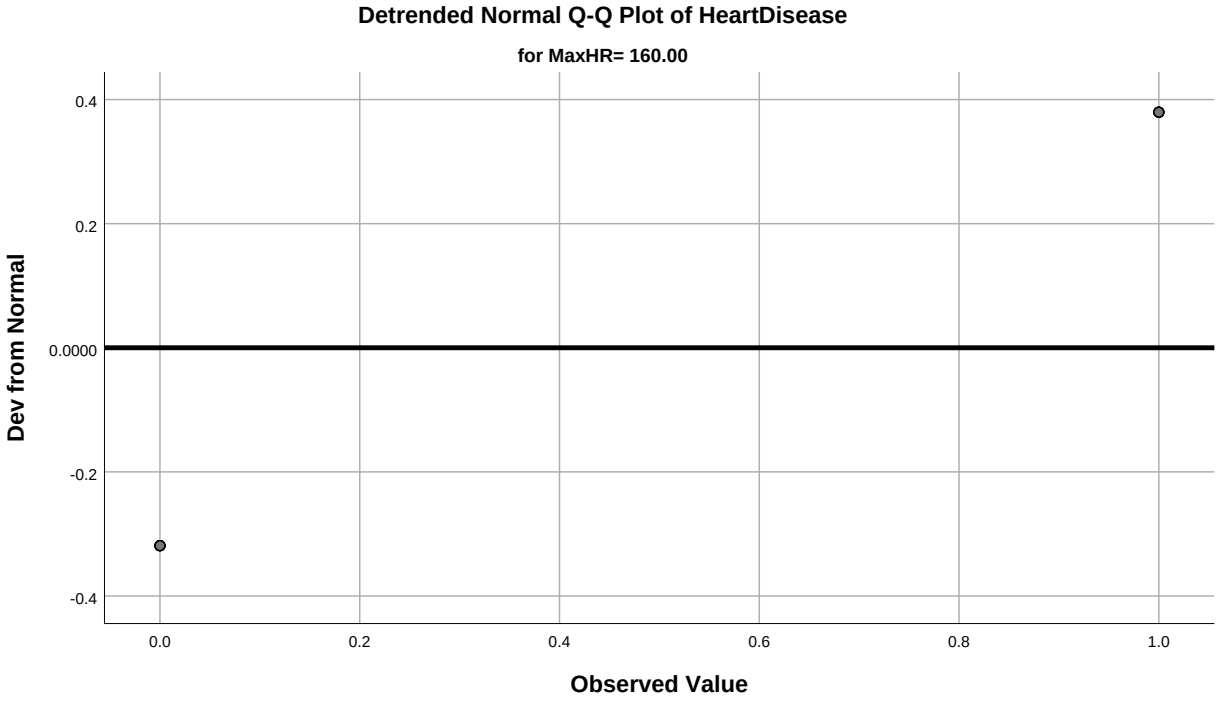

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 155.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

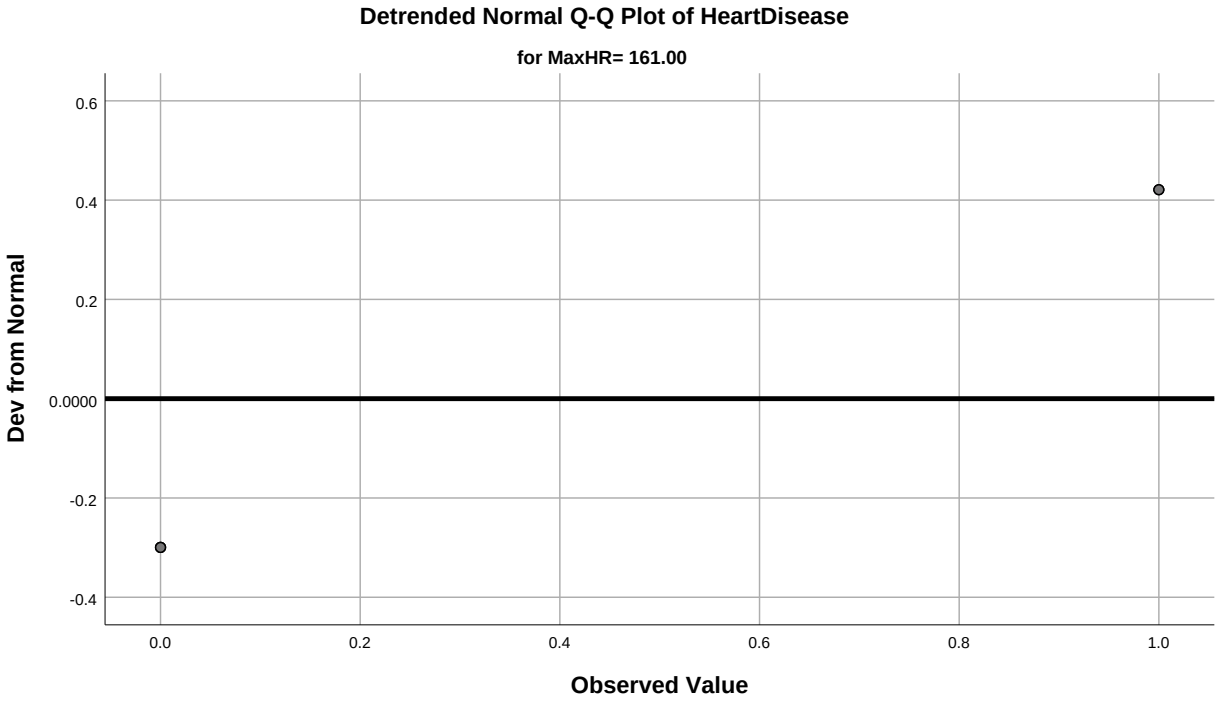

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 156.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

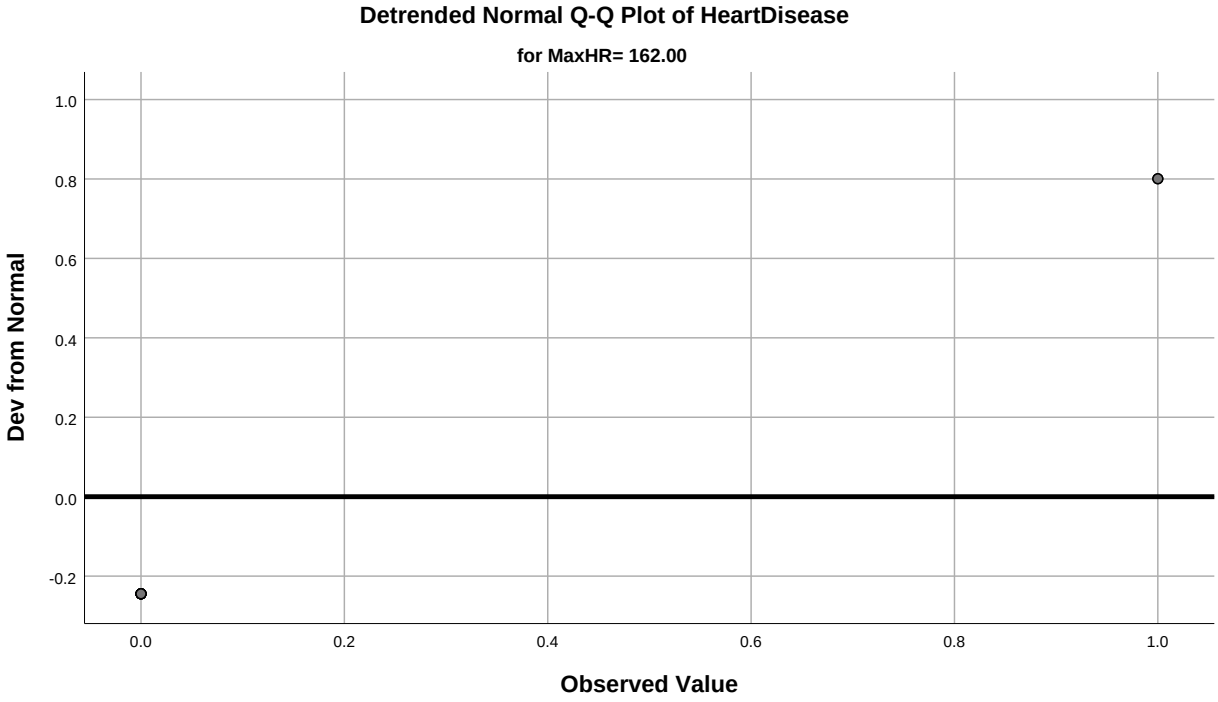

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 157.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

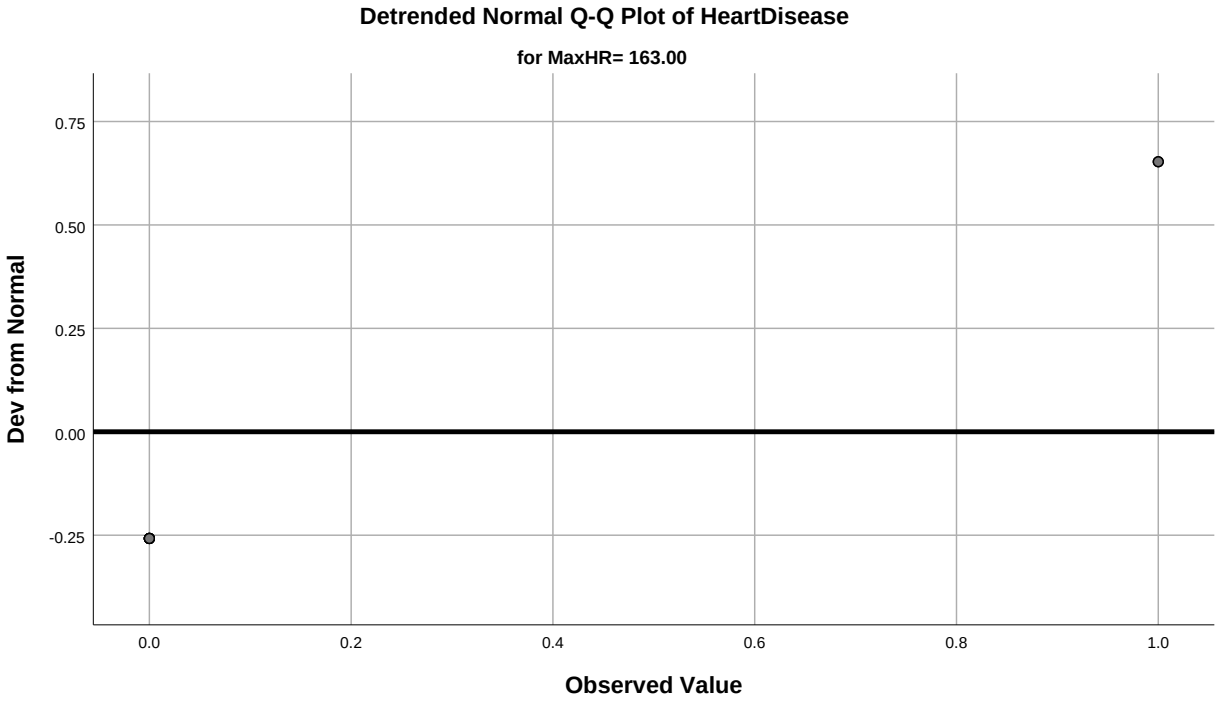

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 158.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

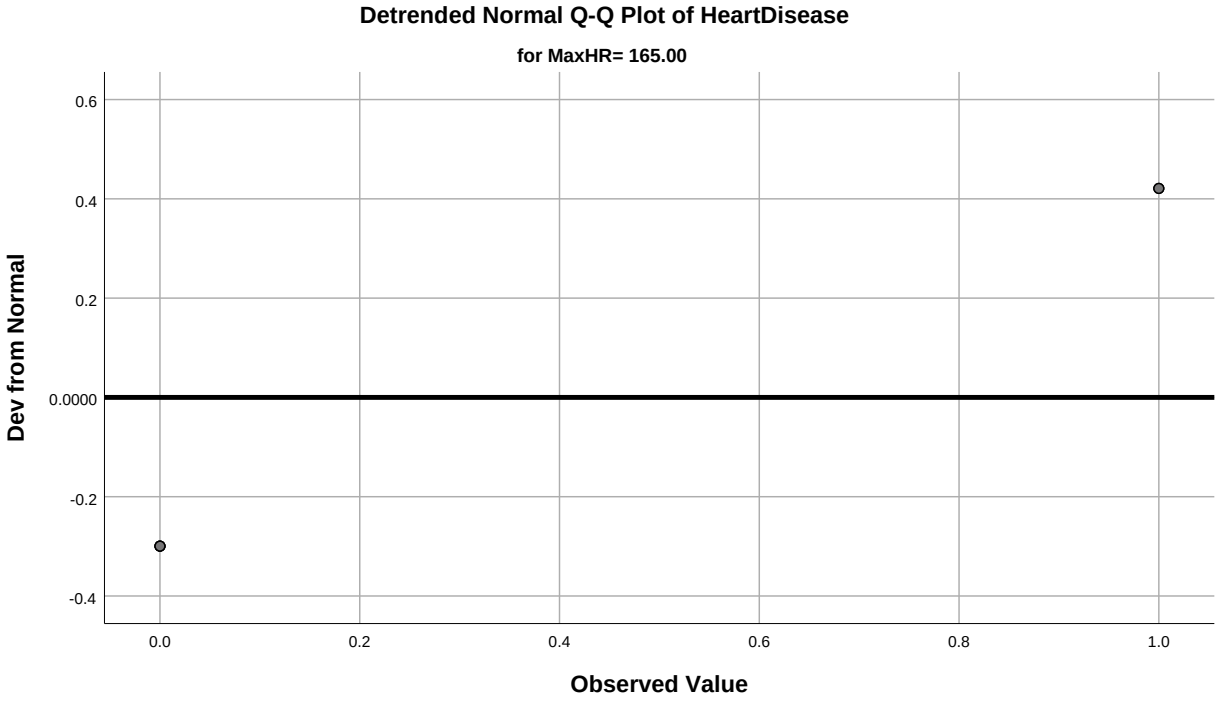

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 159.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

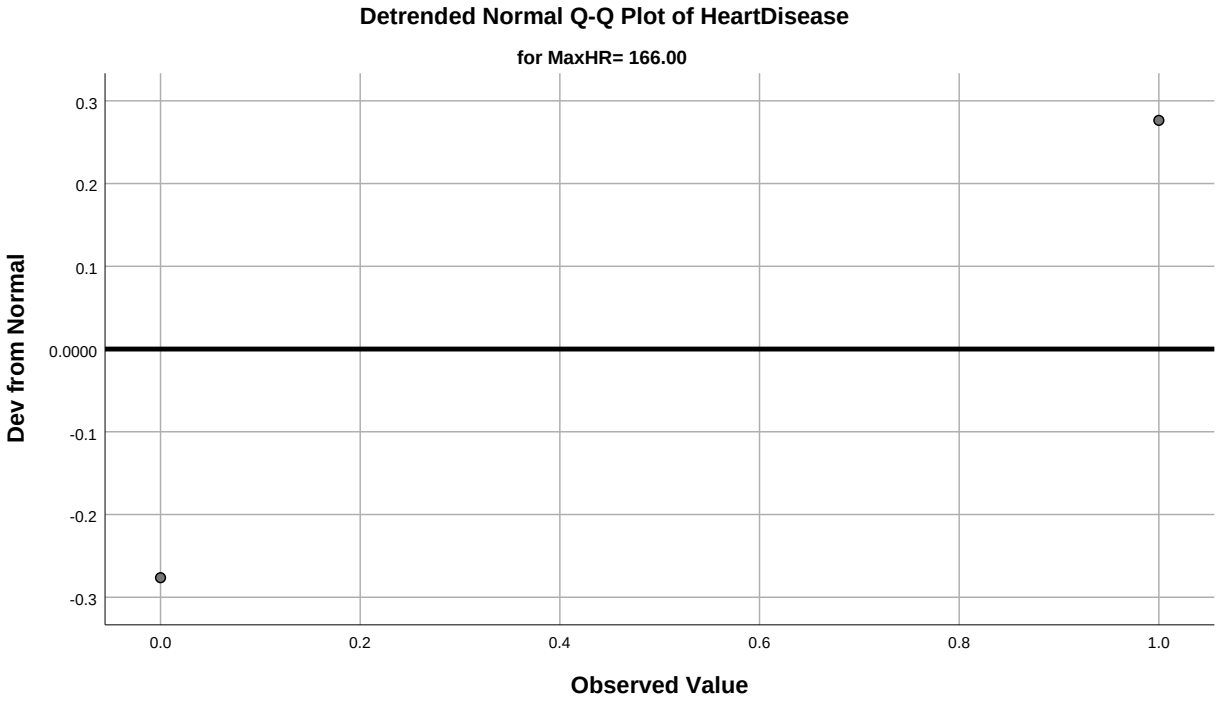

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 160.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

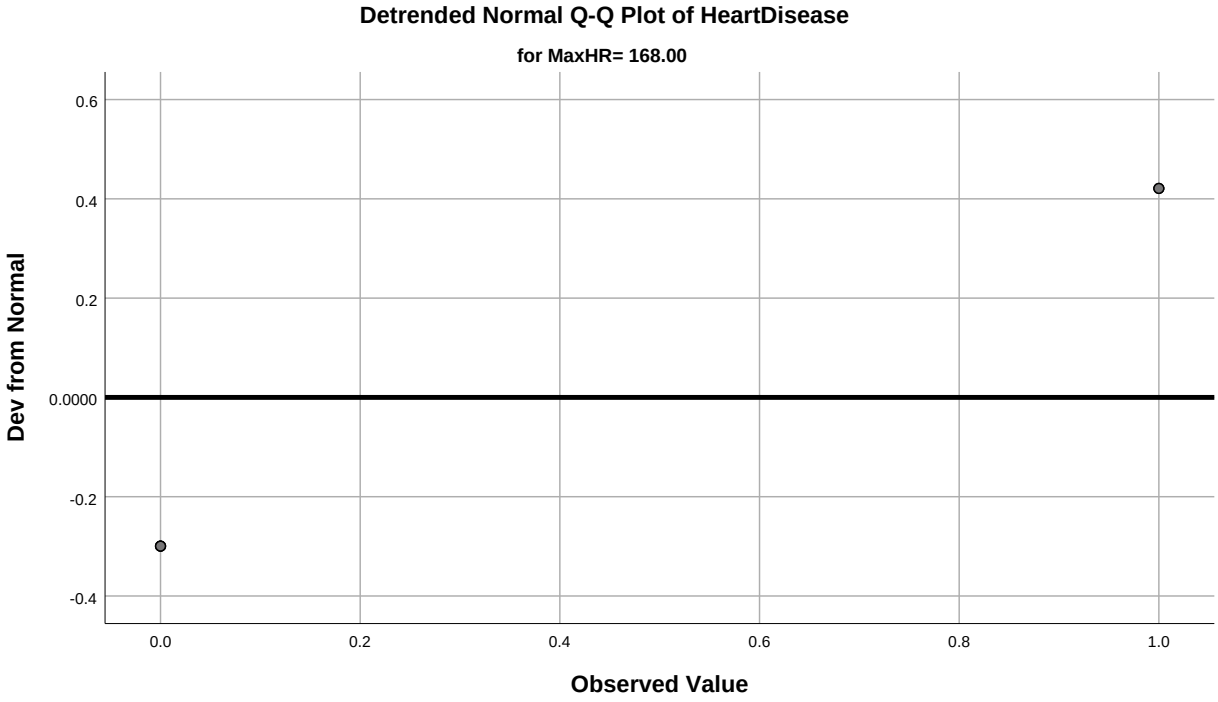

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 161.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

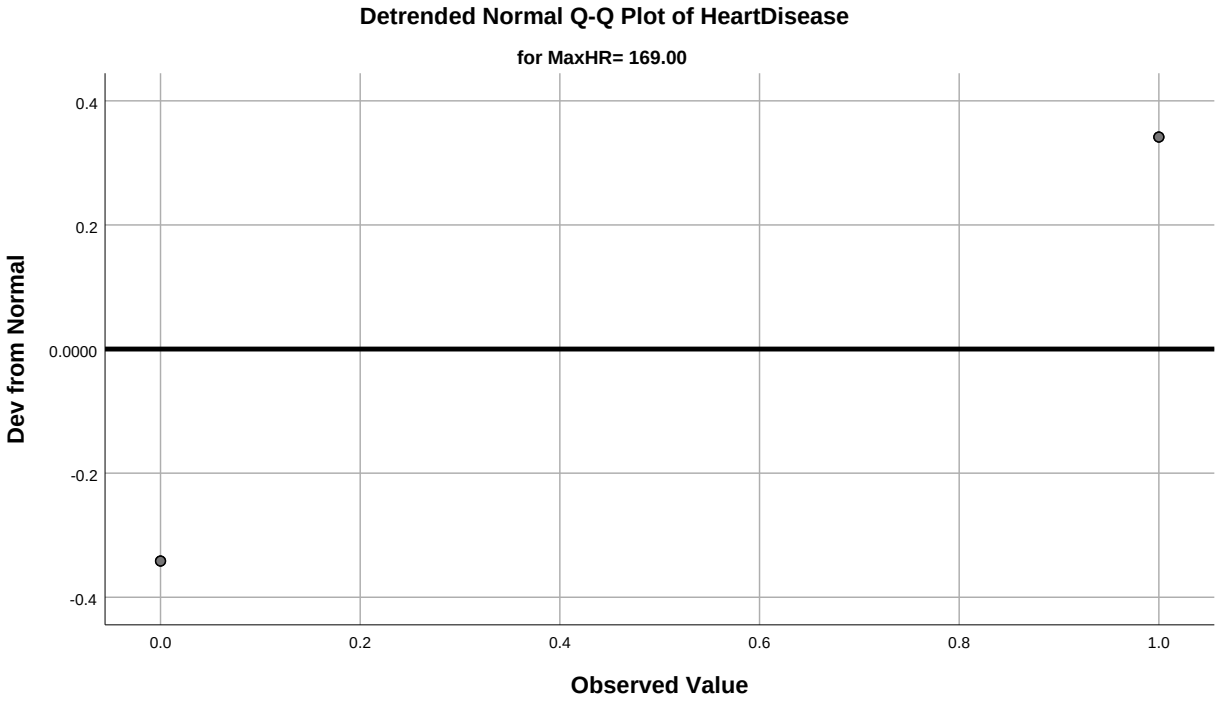

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 162.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

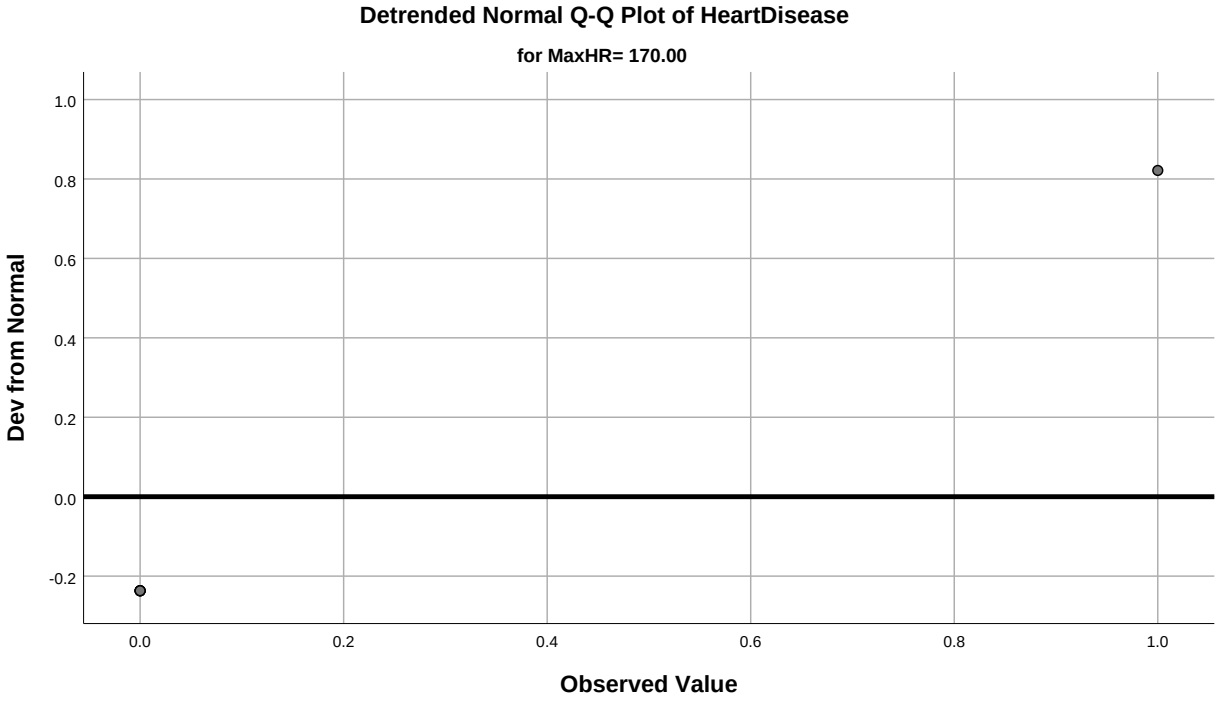

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 163.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

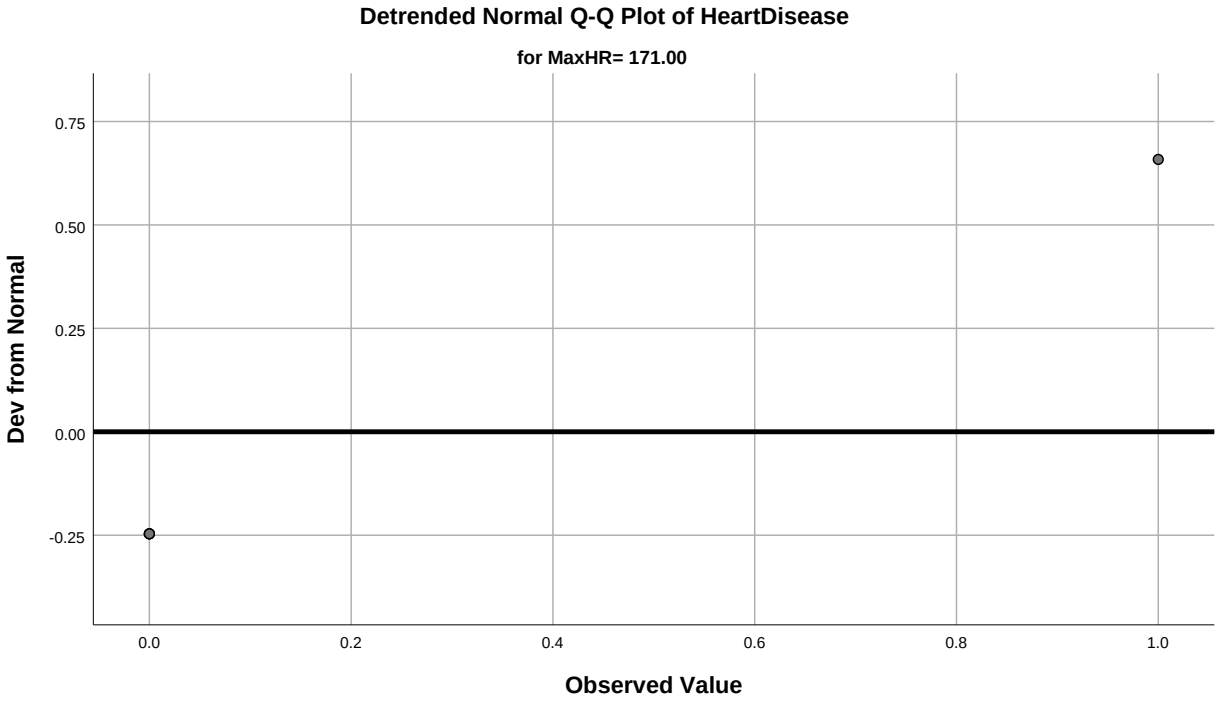

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 165.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

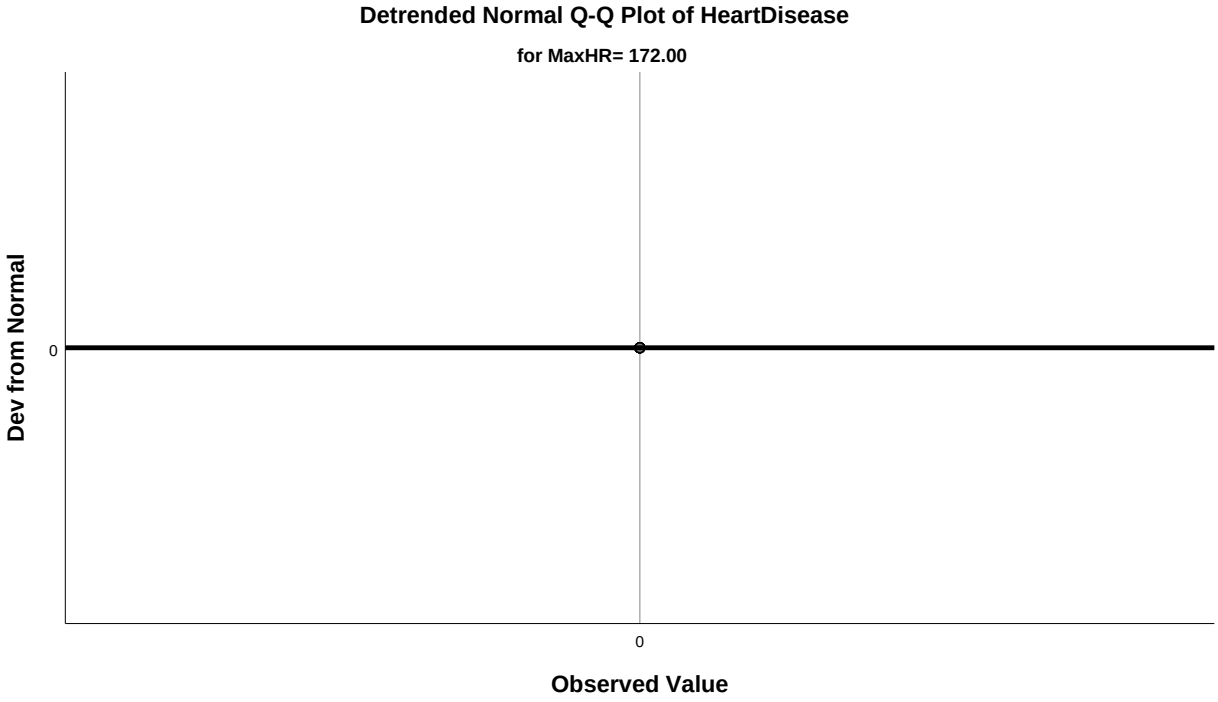

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 166.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

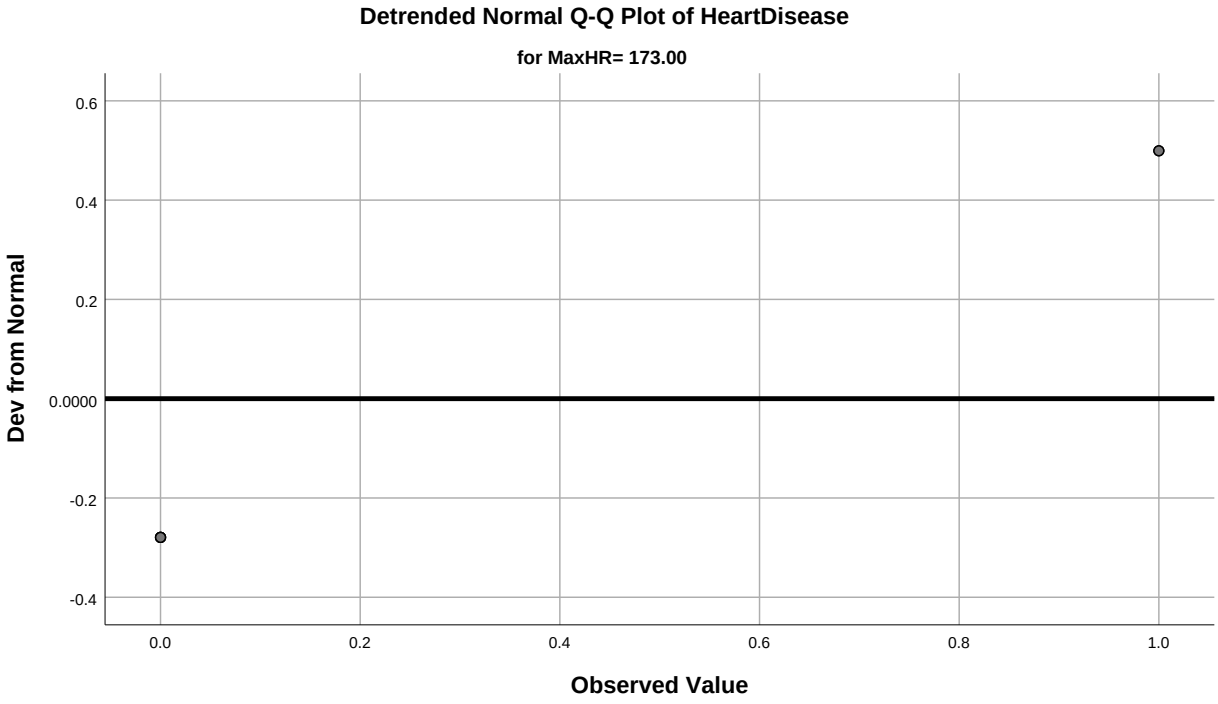

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 168.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

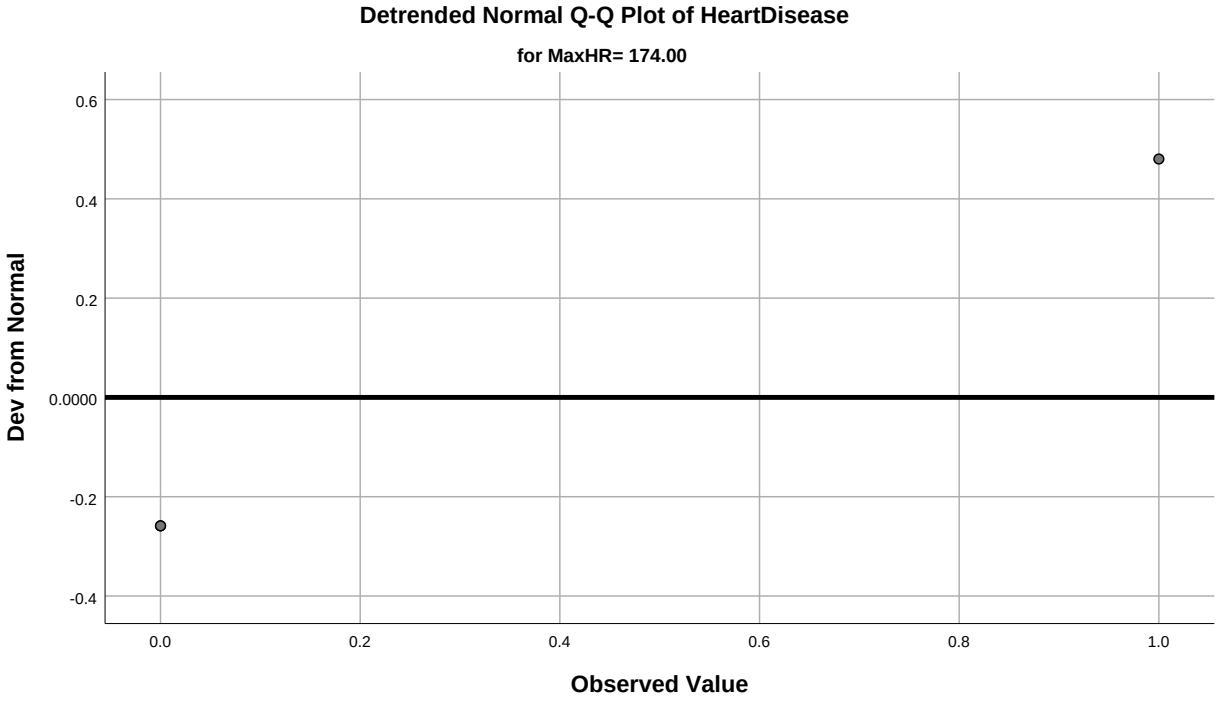

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 169.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

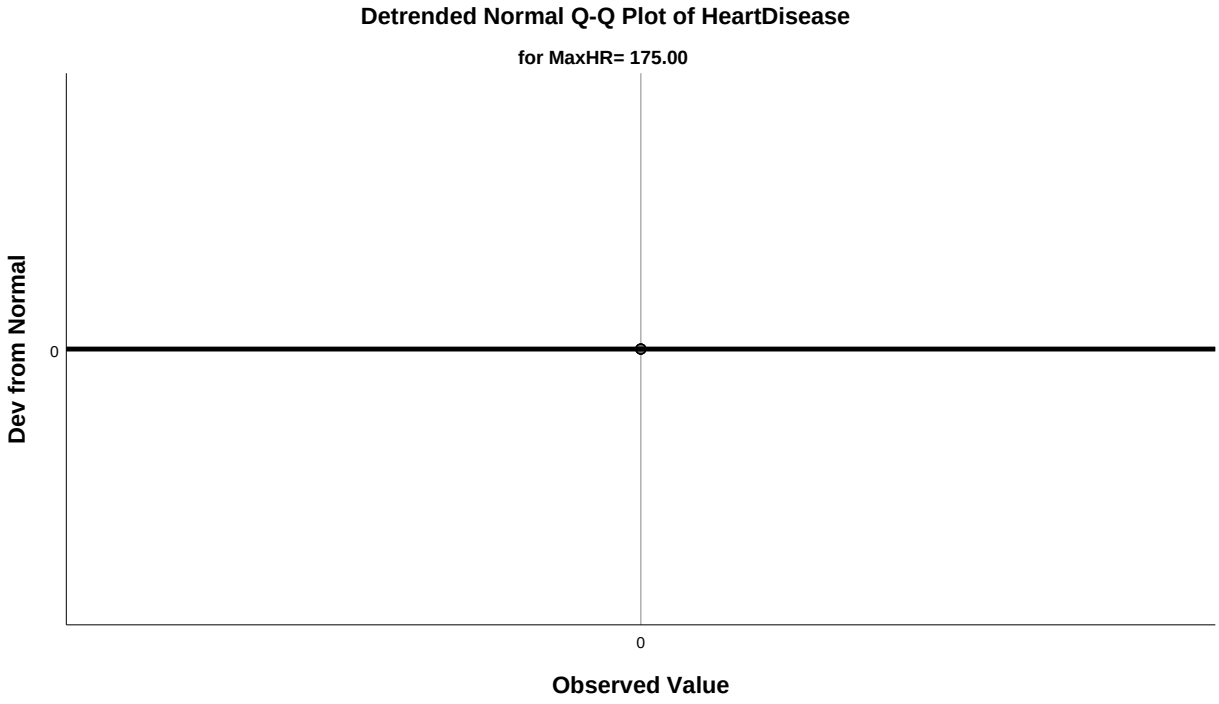

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 170.00
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

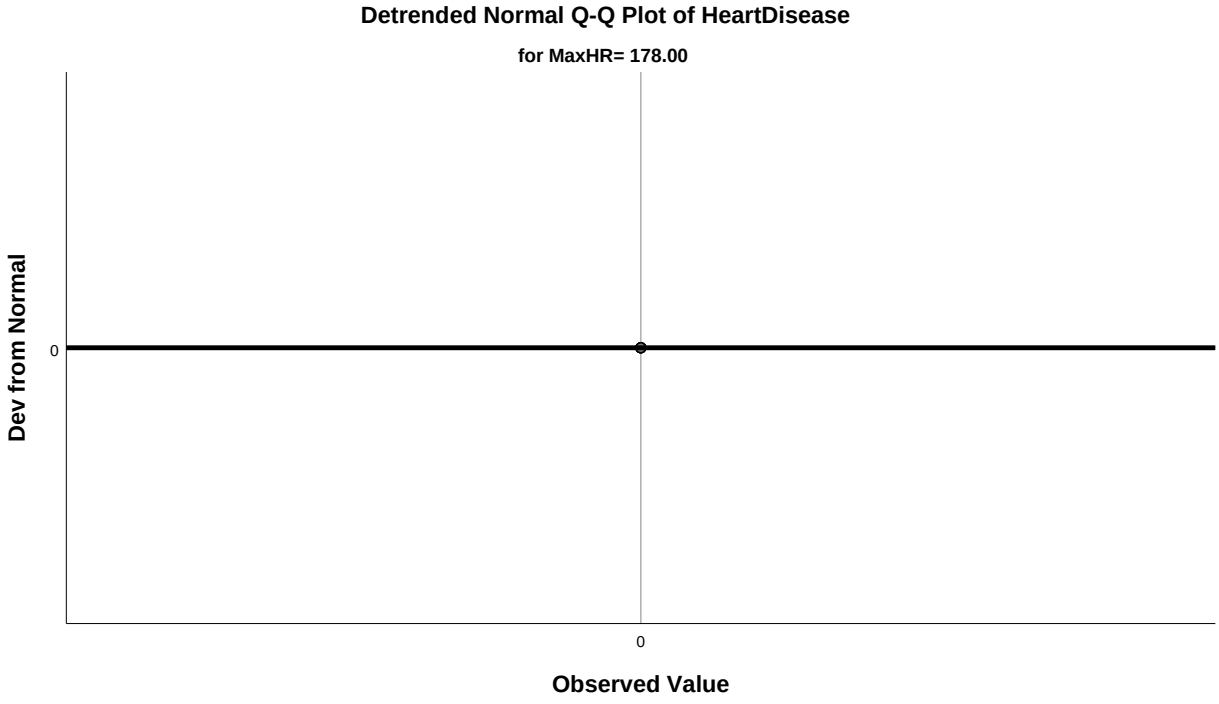

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 171.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

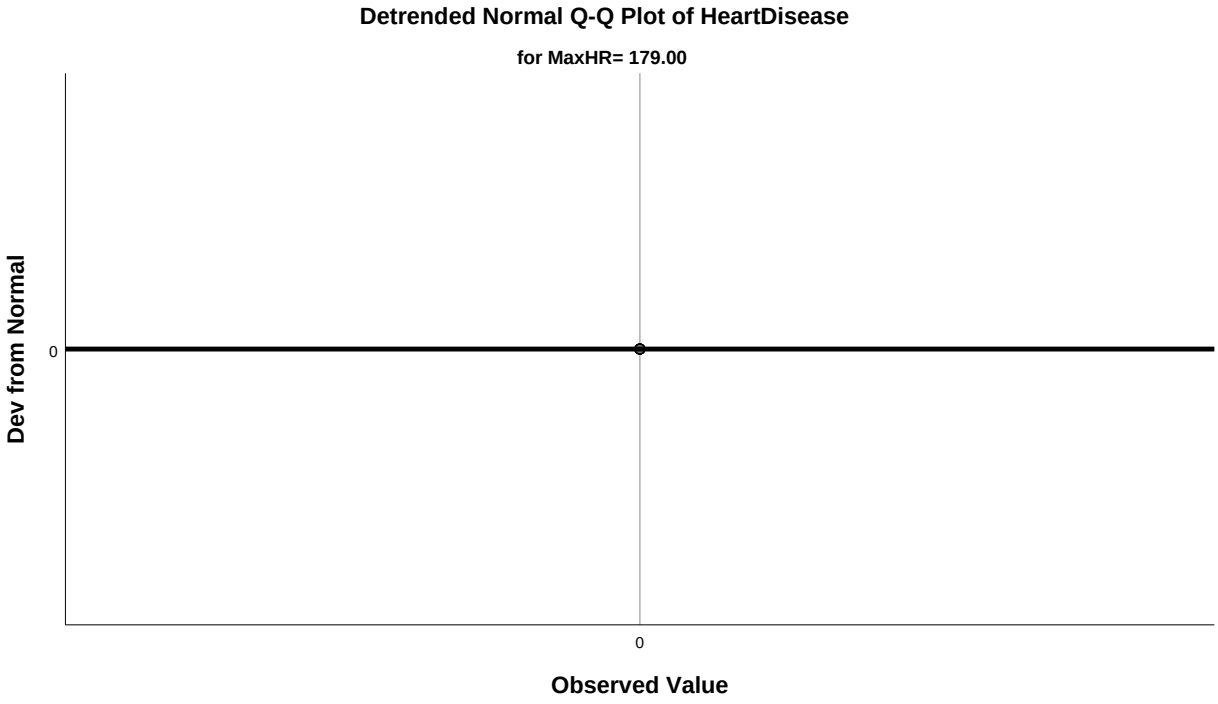

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 172.00
Dev from Normal
0
0
Observed Value

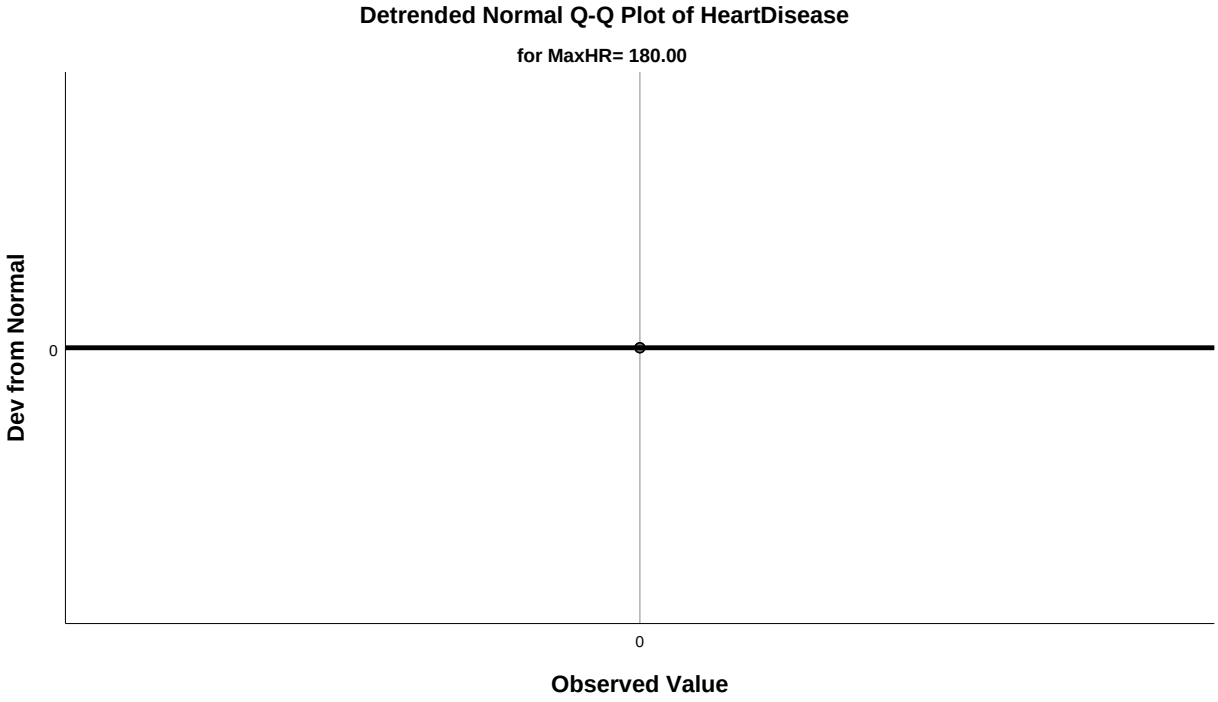

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 173.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

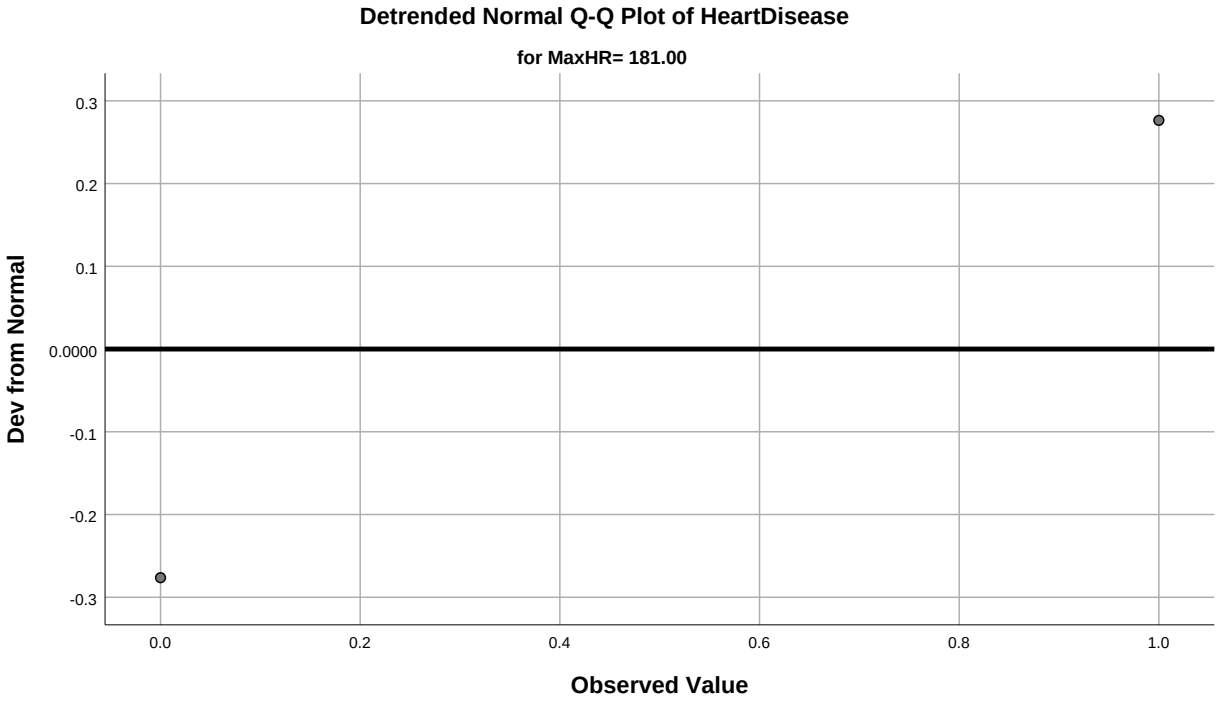

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 174.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

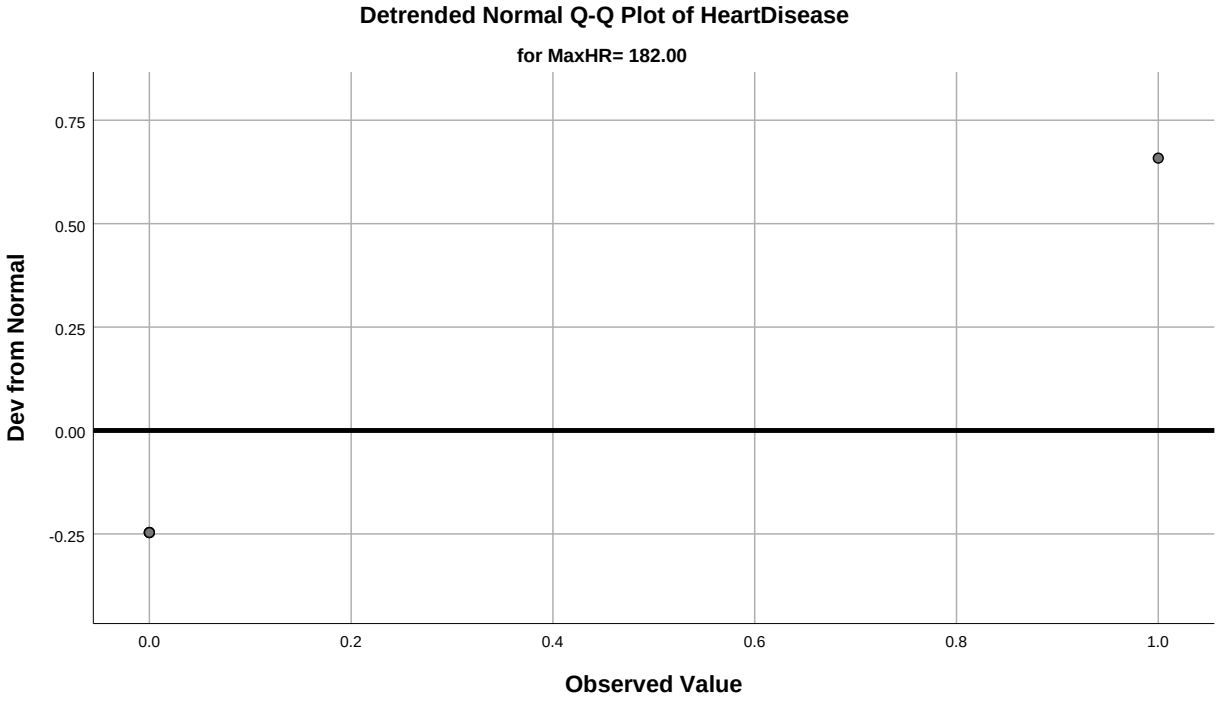

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 175.00
Dev from Normal
0
0
Observed Value

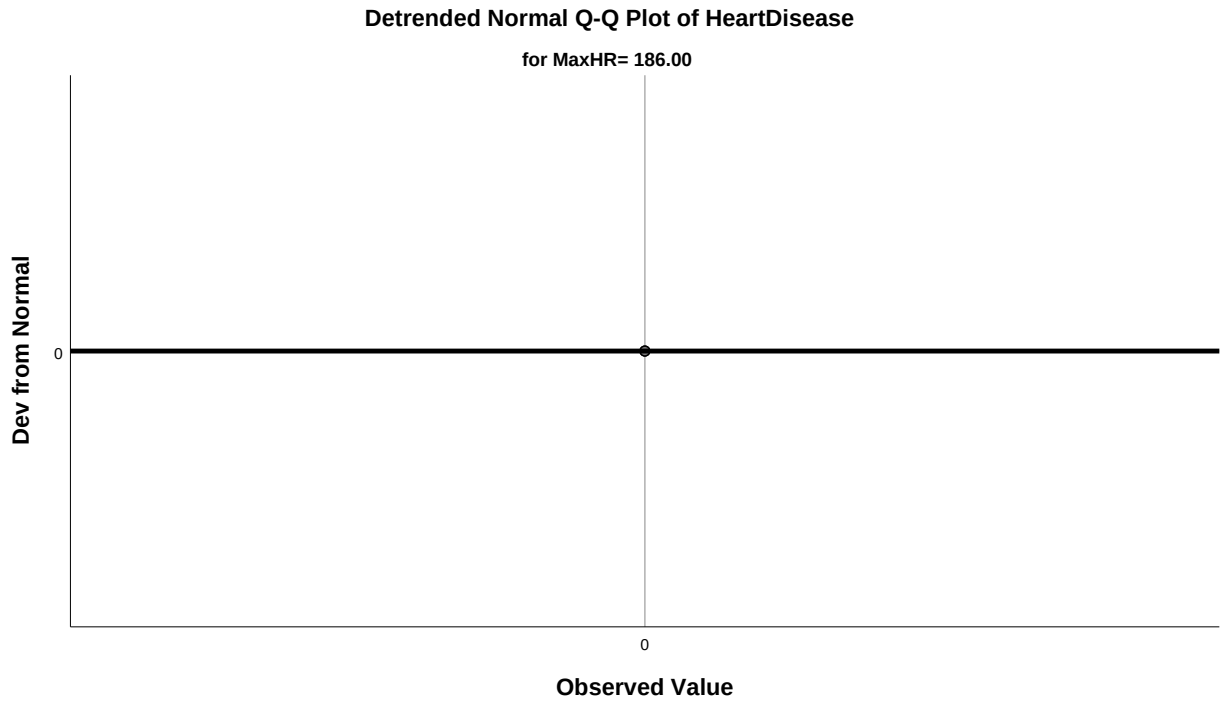

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 178.00
Dev from Normal
0
0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 179.00
Dev from Normal
0
0
Observed Value

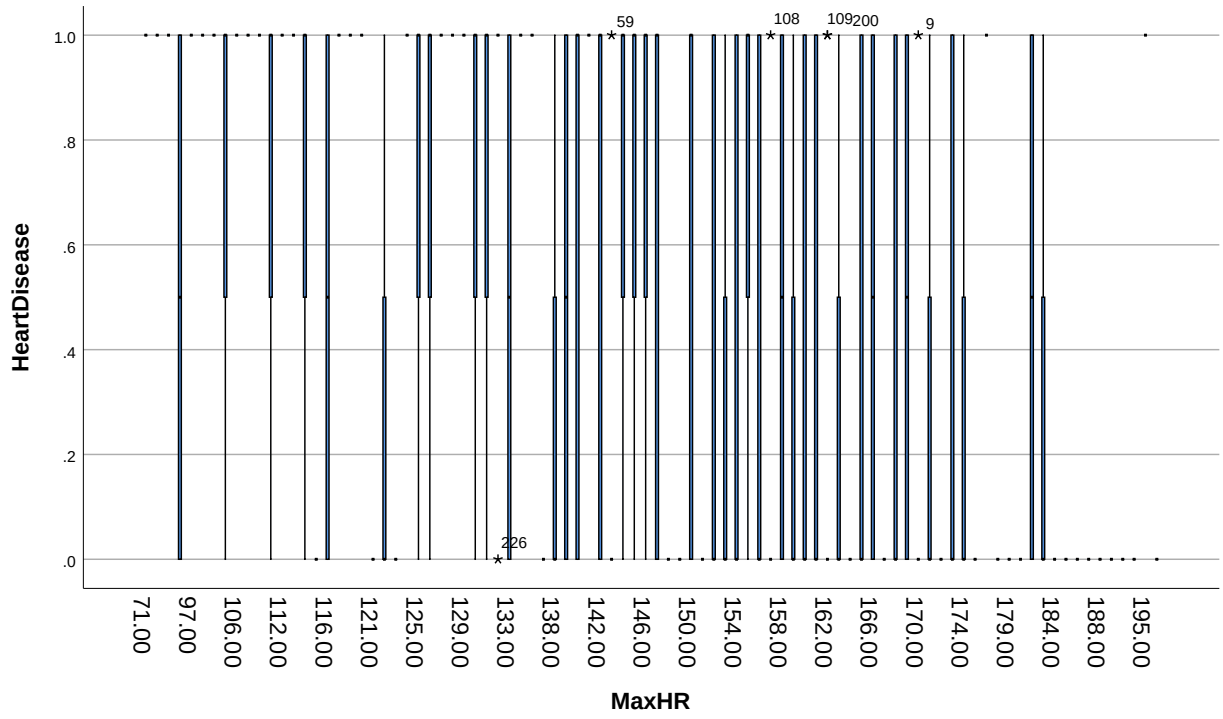

Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 180.00
Dev from Normal
0
0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 181.00
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for MaxHR= 182.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value



Boxplots



ExcerciseAngina

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	ExcerciseAngina	N	Percent	N	Percent	N	Percent
HeartDisease	.00	181	100.0%	0	0.0%	181	100.0%
	1.00	89	100.0%	0	0.0%	89	100.0%

Descriptives

	ExcerciseAngina			Statistic	Std. Error
HeartDisease	.00	Mean		.30	.034
		95% Confidence Interval for Mean	Lower Bound	.23	
			Upper Bound	.37	
		5% Trimmed Mean		.28	
		Median		.00	
		Variance		.210	
		Std. Deviation		.459	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		.889	.181
		Kurtosis		-1.224	.359
	1.00	Mean		.74	.047
		95% Confidence Interval for Mean	Lower Bound	.65	
			Upper Bound	.83	
		5% Trimmed Mean		.77	
		Median		1.00	
		Variance		.194	
		Std. Deviation		.440	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		-1.123	.255
		Kurtosis		-.757	.506

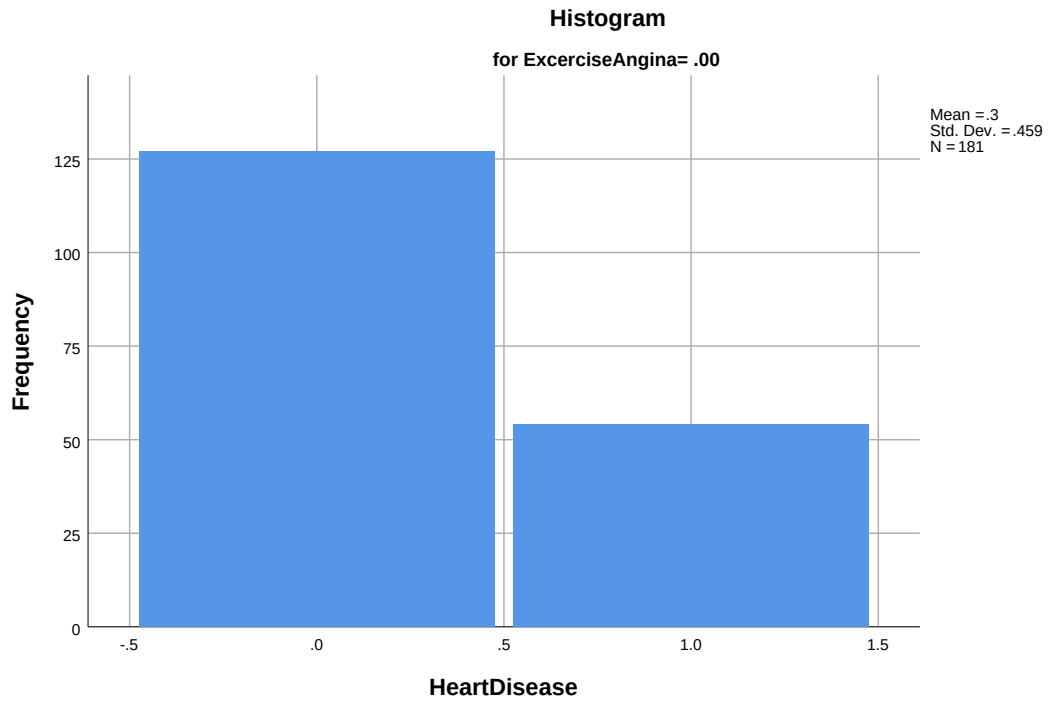
Tests of Normality

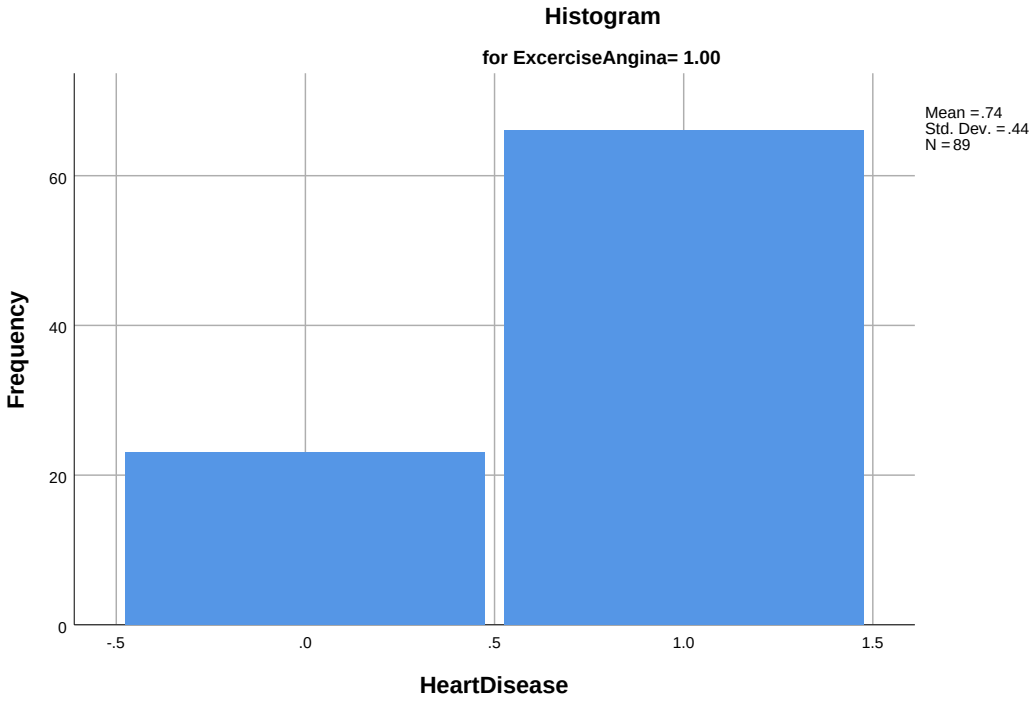
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	ExcerciseAngina	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.444	181	.000	.574	181	.000
	1.00	.463	89	.000	.545	89	.000

a. Lilliefors Significance Correction

HeartDisease

Histograms





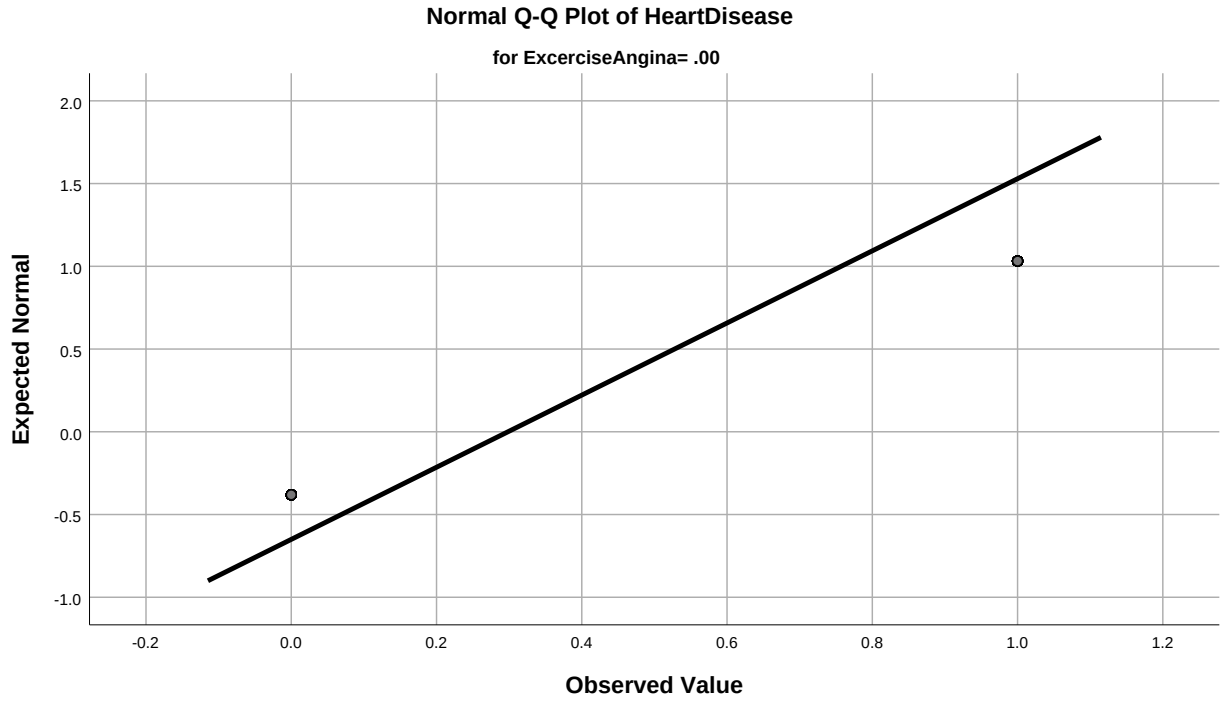
Stem-and-Leaf Plots

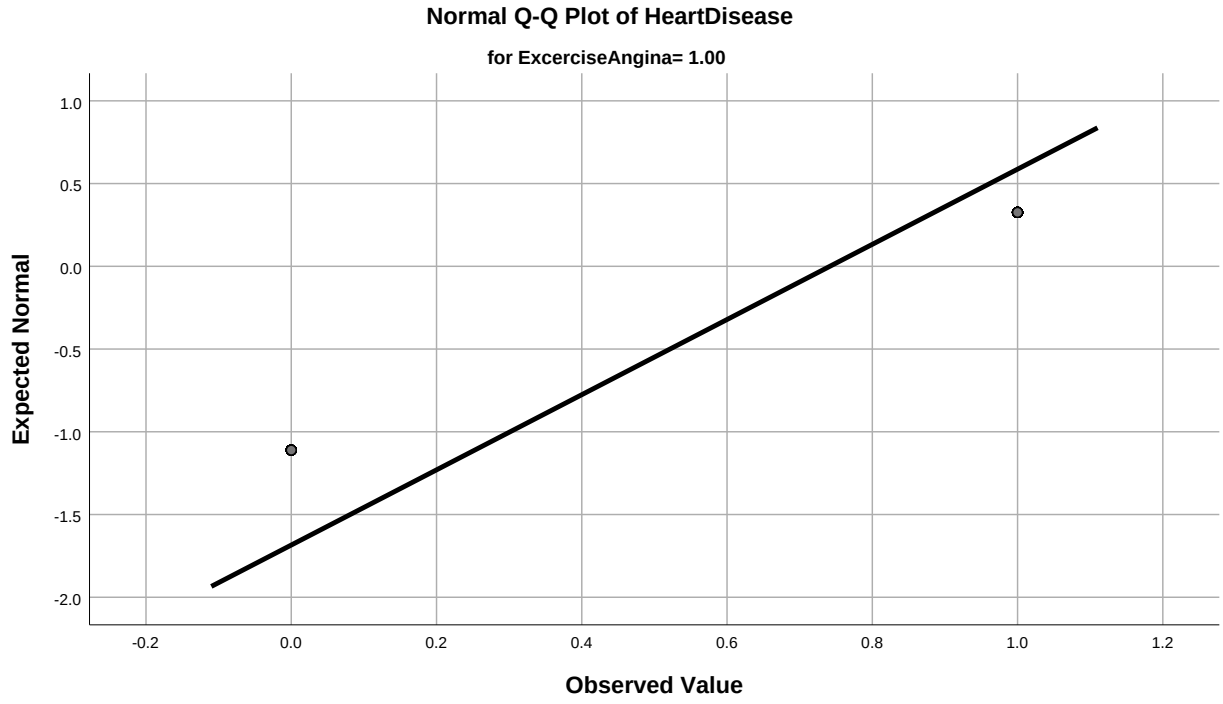
HeartDisease Stem-and-Leaf Plot for
ExcerciseAngina= .00

```
 Frequency    Stem &  Leaf

   127.00        0 .  00000000000000000000000000000000000000000000000000000000
0000000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
    54.00       10 .  000000000000000000000000000

 Stem width:         0
 Each leaf:        2 case(s)
```

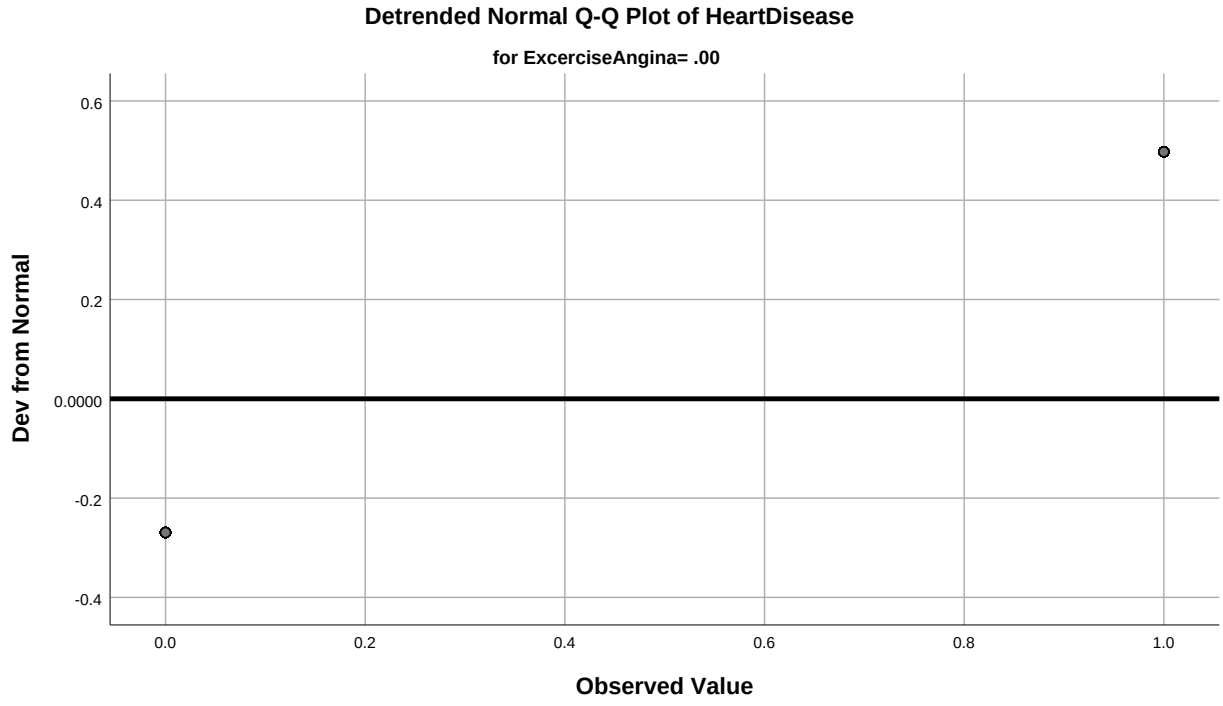
```
HeartDisease Stem-and-Leaf Plot for
ExcerciseAngina= 1.00

 Frequency    Stem &  Leaf

    23.00        0 .  00000000000000000000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    66.00        1 .  000000000000000000000000000000000000000000000000000000000000000000
0000000000

 Stem width:         1
 Each leaf:        1 case(s)
```

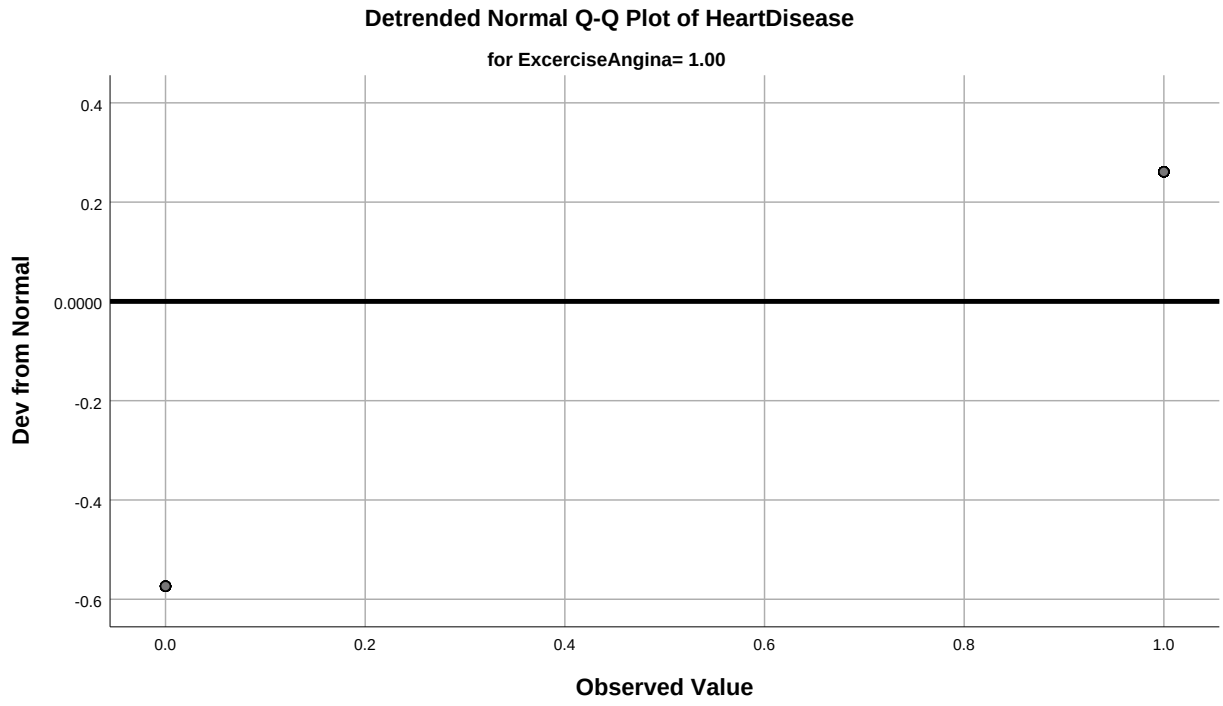
Normal Q-Q Plots



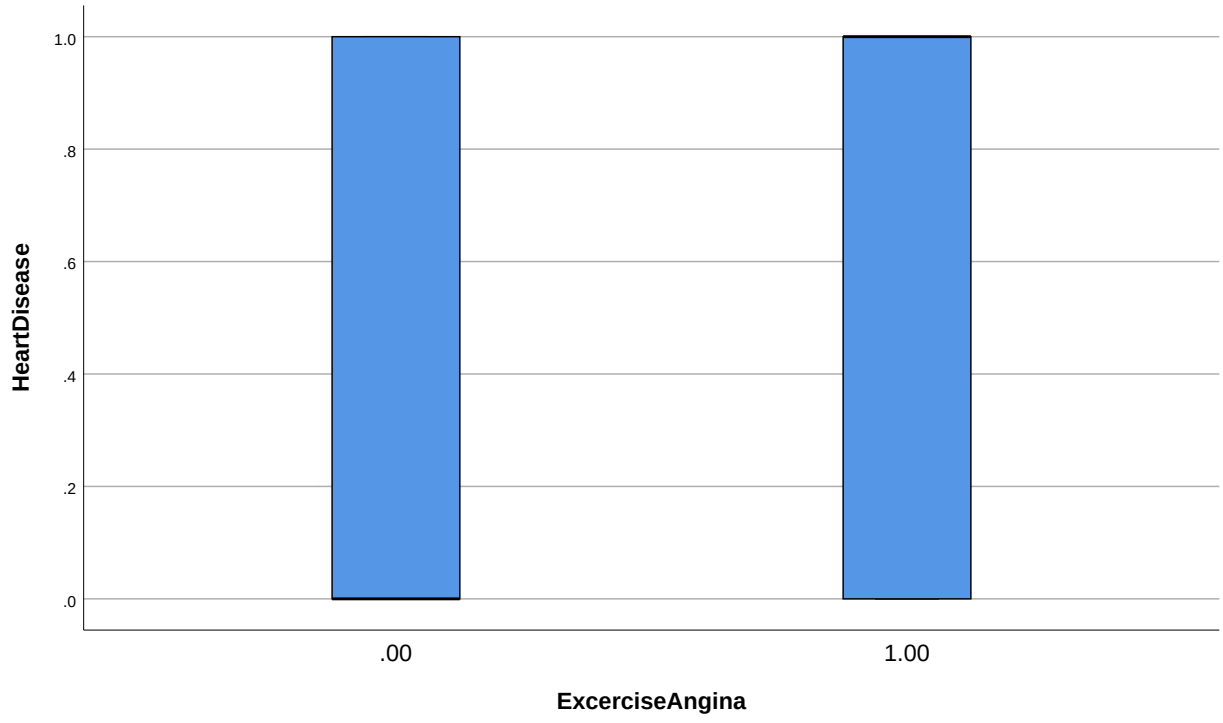


Detrended Normal Q-Q Plots





Boxplots



STDepression

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	STDepression	N	Percent	N	Percent	N	Percent
HeartDisease	.00	85	100.0%	0	0.0%	85	100.0%
	.10	6	100.0%	0	0.0%	6	100.0%
	.20	11	100.0%	0	0.0%	11	100.0%
	.30	3	100.0%	0	0.0%	3	100.0%
	.40	8	100.0%	0	0.0%	8	100.0%
	.50	5	100.0%	0	0.0%	5	100.0%
	.60	12	100.0%	0	0.0%	12	100.0%
	.70	1	100.0%	0	0.0%	1	100.0%
	.80	11	100.0%	0	0.0%	11	100.0%
	.90	3	100.0%	0	0.0%	3	100.0%
	1.00	12	100.0%	0	0.0%	12	100.0%
	1.10	2	100.0%	0	0.0%	2	100.0%
	1.20	14	100.0%	0	0.0%	14	100.0%
	1.30	1	100.0%	0	0.0%	1	100.0%
	1.40	13	100.0%	0	0.0%	13	100.0%
	1.50	5	100.0%	0	0.0%	5	100.0%
	1.60	11	100.0%	0	0.0%	11	100.0%
	1.80	10	100.0%	0	0.0%	10	100.0%
	1.90	5	100.0%	0	0.0%	5	100.0%
	2.00	8	100.0%	0	0.0%	8	100.0%
	2.10	1	100.0%	0	0.0%	1	100.0%
	2.20	4	100.0%	0	0.0%	4	100.0%
	2.30	2	100.0%	0	0.0%	2	100.0%
	2.40	3	100.0%	0	0.0%	3	100.0%
	2.50	2	100.0%	0	0.0%	2	100.0%
	2.60	6	100.0%	0	0.0%	6	100.0%
	2.80	4	100.0%	0	0.0%	4	100.0%
	2.90	1	100.0%	0	0.0%	1	100.0%
	3.00	4	100.0%	0	0.0%	4	100.0%
	3.10	1	100.0%	0	0.0%	1	100.0%
	3.20	2	100.0%	0	0.0%	2	100.0%
	3.40	2	100.0%	0	0.0%	2	100.0%
	3.50	1	100.0%	0	0.0%	1	100.0%

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	STDepression	N	Percent	N	Percent	N	Percent
	3.60	4	100.0%	0	0.0%	4	100.0%
	3.80	1	100.0%	0	0.0%	1	100.0%
	4.00	2	100.0%	0	0.0%	2	100.0%
	4.20	2	100.0%	0	0.0%	2	100.0%
	5.60	1	100.0%	0	0.0%	1	100.0%
	6.20	1	100.0%	0	0.0%	1	100.0%

Descriptives[a,b,c,d,e,f,g,h,i]

	STDepression			Statistic	Std. Error
HeartDisease	.00	Mean		.26	.048
		95% Confidence Interval for Mean	Lower Bound	.16	
			Upper Bound	.35	
		5% Trimmed Mean		.23	
		Median		.00	
		Variance		.194	
		Std. Deviation		.441	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		1.121	.261
		Kurtosis		-.761	.517
	.10	Mean		.33	.211
		95% Confidence Interval for Mean	Lower Bound	-.21	
			Upper Bound	.88	
		5% Trimmed Mean		.31	
		Median		.00	
		Variance		.267	
		Std. Deviation		.516	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Skewness		.968	.845
	Kurtosis		-1.875	1.741
.20	Mean		.18	.122
	95% Confidence Interval for Mean	Lower Bound	-.09	
		Upper Bound	.45	
	5% Trimmed Mean		.15	
	Median		.00	
	Variance		.164	
	Std. Deviation		.405	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		1.923	.661
	Kurtosis		2.037	1.279
.30	Mean		.33	.333
	95% Confidence Interval for Mean	Lower Bound	-1.10	
		Upper Bound	1.77	
	5% Trimmed Mean		.	
	Median		.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		1.732	1.225
	Kurtosis		.	.
.40	Mean		.13	.125
	95% Confidence Interval for Mean	Lower Bound	-.17	
		Upper Bound	.42	
	5% Trimmed Mean		.08	
	Median		.00	
	Variance		.125	
	Std. Deviation		.354	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		2.828	.752
	Kurtosis		8.000	1.481
.50	Mean		.20	.200
	95% Confidence Interval for Mean	Lower Bound	-.36	
		Upper Bound	.76	
	5% Trimmed Mean		.17	
	Median		.00	
	Variance		.200	
	Std. Deviation		.447	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		2.236	.913
	Kurtosis		5.000	2.000
.60	Mean		.33	.142
	95% Confidence Interval for Mean	Lower Bound	.02	
		Upper Bound	.65	
	5% Trimmed Mean		.31	
	Median		.00	
	Variance		.242	
	Std. Deviation		.492	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.812	.637
	Kurtosis		-1.650	1.232
.80	Mean		.36	.152
	95% Confidence Interval for Mean	Lower Bound	.02	
		Upper Bound	.70	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	5% Trimmed Mean		.35	
	Median		.00	
	Variance		.255	
	Std. Deviation		.505	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.661	.661
	Kurtosis		-1.964	1.279
.90	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
1.00	Mean		.67	.142
	95% Confidence Interval for Mean	Lower Bound	.35	
		Upper Bound	.98	
	5% Trimmed Mean		.69	
	Median		1.00	
	Variance		.242	
	Std. Deviation		.492	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.812	.637

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Kurtosis		-1.650	1.232
1.10	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
1.20	Mean		.57	.137
	95% Confidence Interval for Mean	Lower Bound	.27	
		Upper Bound	.87	
	5% Trimmed Mean		.58	
	Median		1.00	
	Variance		.264	
	Std. Deviation		.514	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.325	.597
	Kurtosis		-2.241	1.154
1.40	Mean		.54	.144
	95% Confidence Interval for Mean	Lower Bound	.22	
		Upper Bound	.85	
	5% Trimmed Mean		.54	
	Median		1.00	
	Variance		.269	
	Std. Deviation		.519	
	Minimum		0	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.175	.616
	Kurtosis		-2.364	1.191
1.50	Mean		.20	.200
	95% Confidence Interval for Mean	Lower Bound	-.36	
		Upper Bound	.76	
	5% Trimmed Mean		.17	
	Median		.00	
	Variance		.200	
	Std. Deviation		.447	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		2.236	.913
	Kurtosis		5.000	2.000
1.60	Mean		.36	.152
	95% Confidence Interval for Mean	Lower Bound	.02	
		Upper Bound	.70	
	5% Trimmed Mean		.35	
	Median		.00	
	Variance		.255	
	Std. Deviation		.505	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.661	.661
	Kurtosis		-1.964	1.279
1.80	Mean		.70	.153
	95% Confidence Interval for Mean	Lower Bound	.35	
		Upper Bound	1.05	
	5% Trimmed Mean		.72	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Median		1.00	
	Variance		.233	
	Std. Deviation		.483	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-1.035	.687
	Kurtosis		-1.224	1.334
1.90	Mean		.60	.245
	95% Confidence Interval for Mean	Lower Bound	-.08	
		Upper Bound	1.28	
	5% Trimmed Mean		.61	
	Median		1.00	
	Variance		.300	
	Std. Deviation		.548	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-.609	.913
	Kurtosis		-3.333	2.000
2.00	Mean		.75	.164
	95% Confidence Interval for Mean	Lower Bound	.36	
		Upper Bound	1.14	
	5% Trimmed Mean		.78	
	Median		1.00	
	Variance		.214	
	Std. Deviation		.463	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-1.440	.752
	Kurtosis		.000	1.481

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
2.20	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
2.30	Mean		.00	.000
	95% Confidence Interval for Mean	Lower Bound	.00	
		Upper Bound	.00	
	5% Trimmed Mean		.00	
	Median		.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		0	
	Maximum		0	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
2.40	Mean		.67	.333
	95% Confidence Interval for Mean	Lower Bound	-.77	
		Upper Bound	2.10	
	5% Trimmed Mean		.	
	Median		1.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		0	
	Maximum		1	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
2.50	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
2.60	Mean		.83	.167
	95% Confidence Interval for Mean	Lower Bound	.40	
		Upper Bound	1.26	
	5% Trimmed Mean		.87	
	Median		1.00	
	Variance		.167	
	Std. Deviation		.408	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		-2.449	.845
	Kurtosis		6.000	1.741
2.80	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
3.00	Mean		.75	.250
	95% Confidence Interval for Mean	Lower Bound	-.05	
		Upper Bound	1.55	
	5% Trimmed Mean		.78	
	Median		1.00	
	Variance		.250	
	Std. Deviation		.500	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		-2.000	1.014
	Kurtosis		4.000	2.619
3.20	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
3.40	Mean		1.00	.000

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
3.60	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
4.00	Mean		1.00	.000
	95% Confidence Interval for Mean	Lower Bound	1.00	
		Upper Bound	1.00	
	5% Trimmed Mean		1.00	
	Median		1.00	
	Variance		.000	
	Std. Deviation		.000	
	Minimum		1	
	Maximum		1	
	Range		0	

Descriptives[a,b,c,d,e,f,g,h,i]

STDepression			Statistic	Std. Error
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
4.20	Mean		.50	.500
	95% Confidence Interval for Mean	Lower Bound	-5.85	
		Upper Bound	6.85	
	5% Trimmed Mean		.	
	Median		.50	
	Variance		.500	
	Std. Deviation		.707	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		.	
	Skewness		.	.
	Kurtosis		.	.

a. HeartDisease is constant when STDepression = .70. It has been omitted.

b. HeartDisease is constant when STDepression = 1.30. It has been omitted.

c. HeartDisease is constant when STDepression = 2.10. It has been omitted.

d. HeartDisease is constant when STDepression = 2.90. It has been omitted.

e. HeartDisease is constant when STDepression = 3.10. It has been omitted.

f. HeartDisease is constant when STDepression = 3.50. It has been omitted.

g. HeartDisease is constant when STDepression = 3.80. It has been omitted.

h. HeartDisease is constant when STDepression = 5.60. It has been omitted.

i. HeartDisease is constant when STDepression = 6.20. It has been omitted.

Tests of Normality[b,c,d,e,f,g,h,i,j]

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	STDepression	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.463	85	.000	.546	85	.000
	.10	.407	6	.002	.640	6	.001
	.20	.492	11	.000	.486	11	.000
	.30	.385	3	.	.750	3	.000
	.40	.513	8	.000	.418	8	.000
	.50	.473	5	.001	.552	5	.000
	.60	.417	12	.000	.608	12	.000
	.80	.401	11	.000	.625	11	.000
	.90	.385	3	.	.750	3	.000
	1.00	.417	12	.000	.608	12	.000
	1.10	.	2	.			
	1.20	.369	14	.000	.639	14	.000
	1.40	.352	13	.000	.646	13	.000
	1.50	.473	5	.001	.552	5	.000
	1.60	.401	11	.000	.625	11	.000
	1.80	.433	10	.000	.594	10	.000
	1.90	.367	5	.026	.684	5	.006
	2.00	.455	8	.000	.566	8	.000
	2.20	.	4	.	.	4	.
	2.30	.	2	.			
	2.40	.385	3	.	.750	3	.000
	2.50	.	2	.			
	2.60	.492	6	.000	.496	6	.000
	2.80	.	4	.	.	4	.
	3.00	.441	4	.	.630	4	.001
	3.20	.	2	.			
	3.40	.	2	.			
	3.60	.	4	.	.	4	.
	4.00	.	2	.			
	4.20	.260	2	.			

a. Lilliefors Significance Correction

b. HeartDisease is constant when STDepression = .70. It has been omitted.

c. HeartDisease is constant when STDepression = 1.30. It has been omitted.

d. HeartDisease is constant when STDepression = 2.10. It has been omitted.

e. HeartDisease is constant when STDepression = 2.90. It has been omitted.

f. HeartDisease is constant when STDepression = 3.10. It has been omitted.

g. HeartDisease is constant when STDepression = 3.50. It has been omitted.

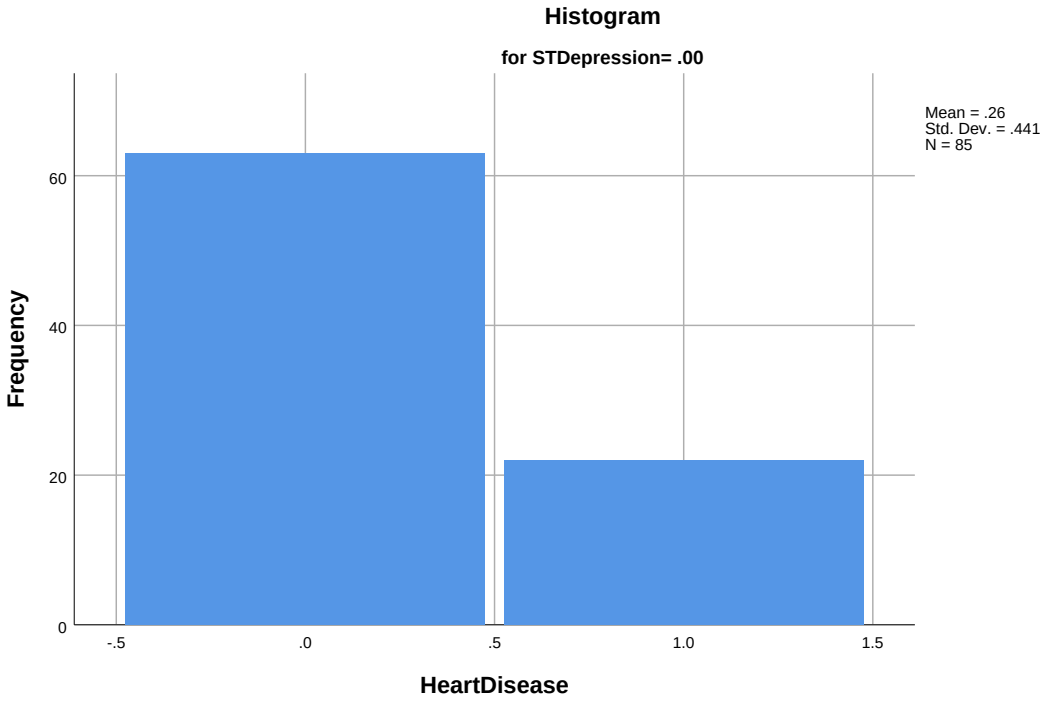
h. HeartDisease is constant when STDepression = 3.80. It has been omitted.

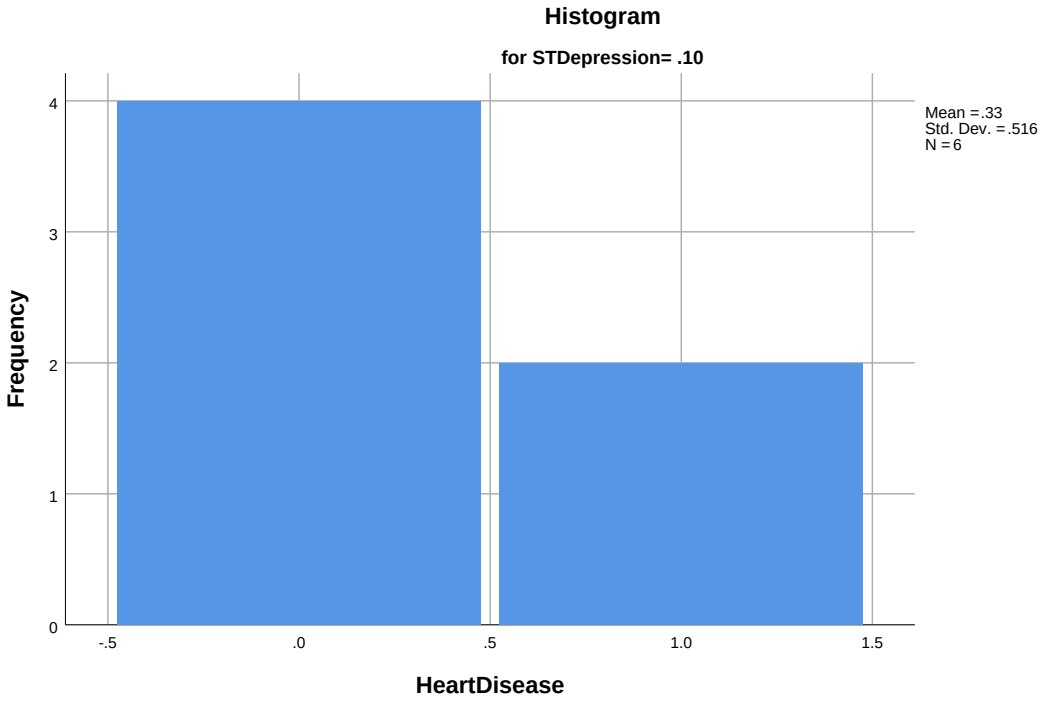
i. HeartDisease is constant when STDepression = 5.60. It has been omitted.

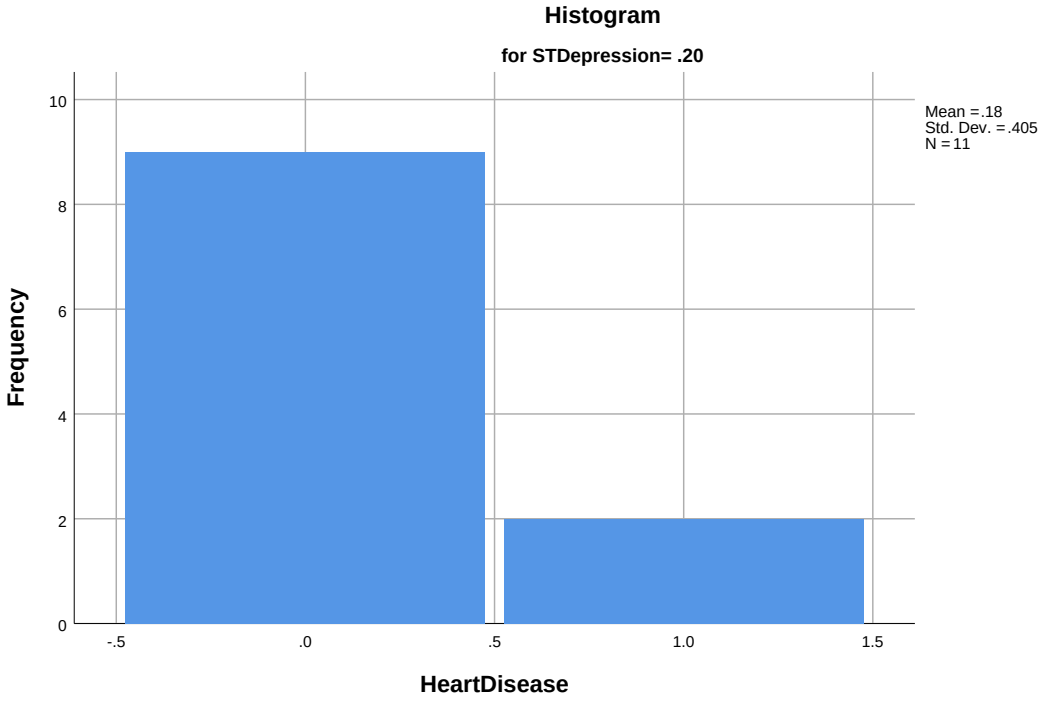
j. HeartDisease is constant when STDepression = 6.20. It has been omitted.

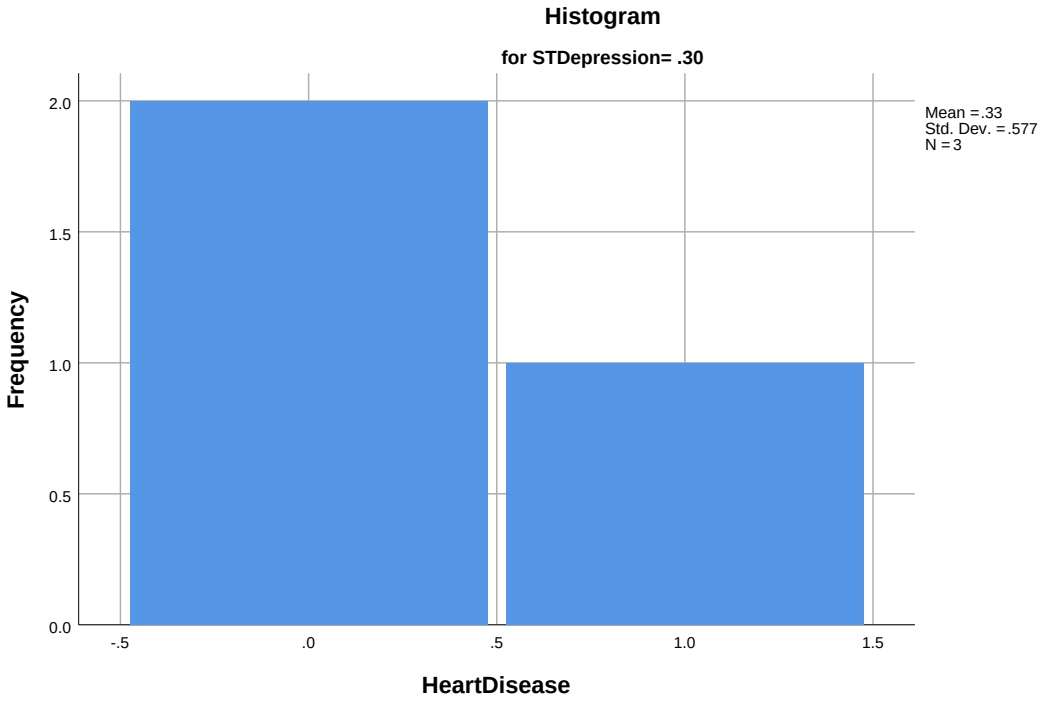
HeartDisease

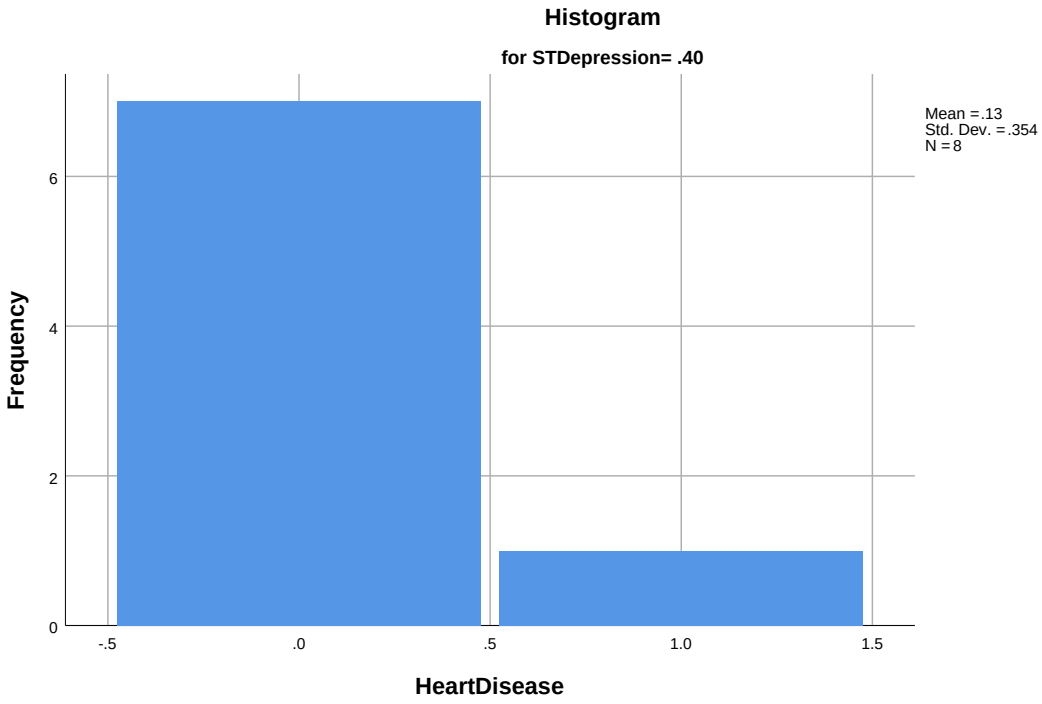
Histograms

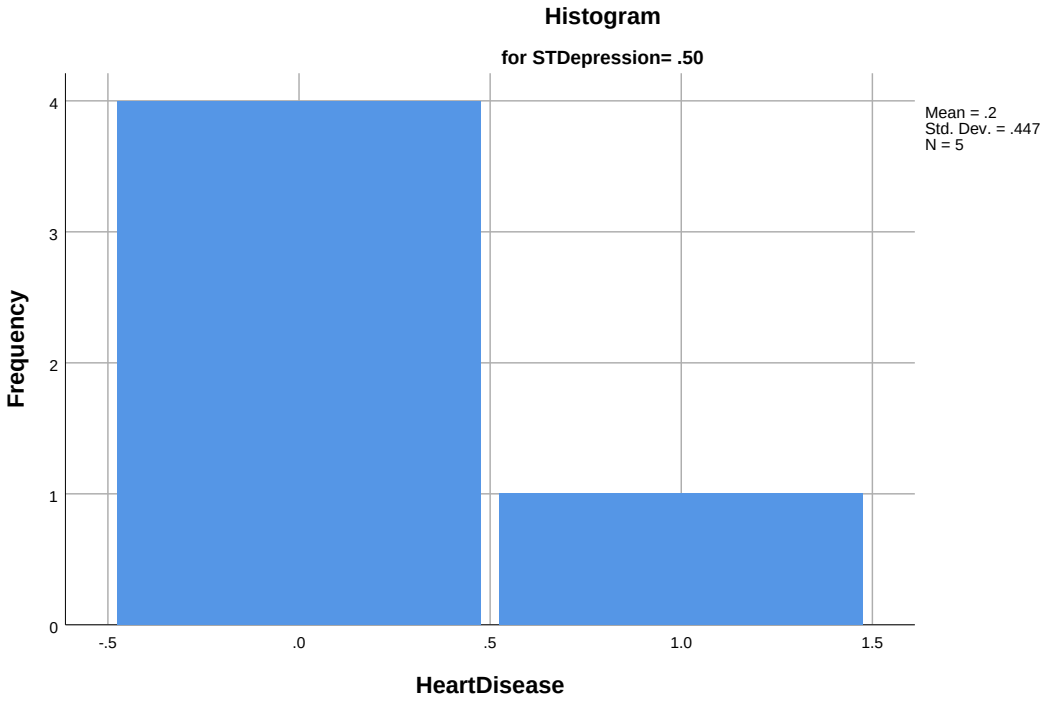


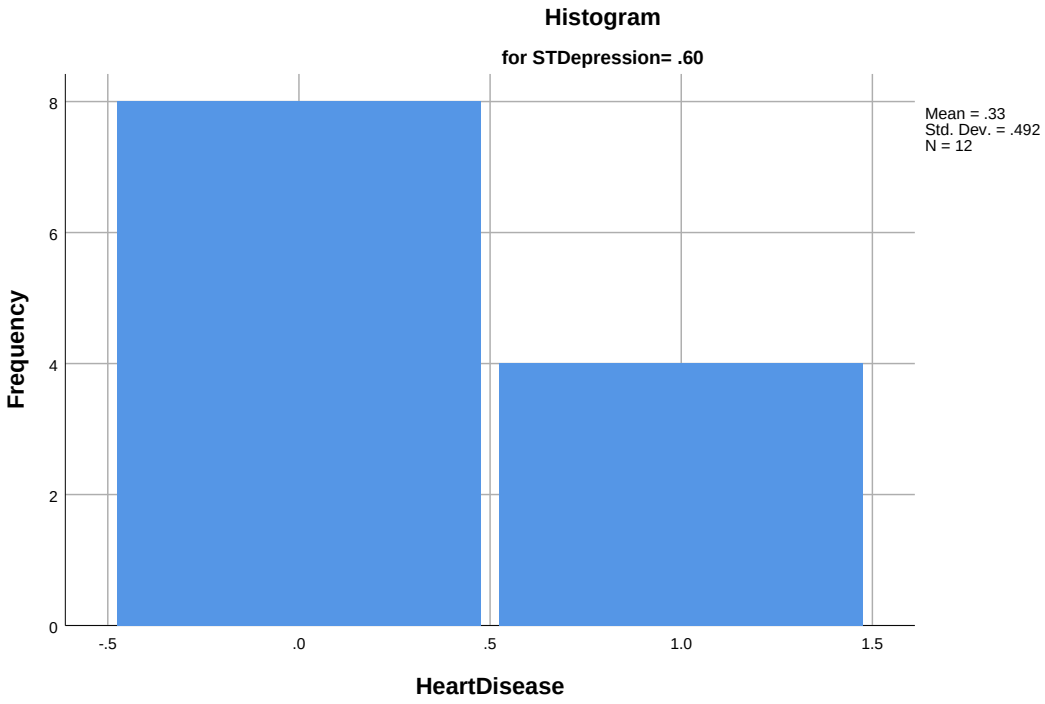

Histogram
for STDepression= .10
Mean =.33
Std. Dev. =.516
N = 6
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

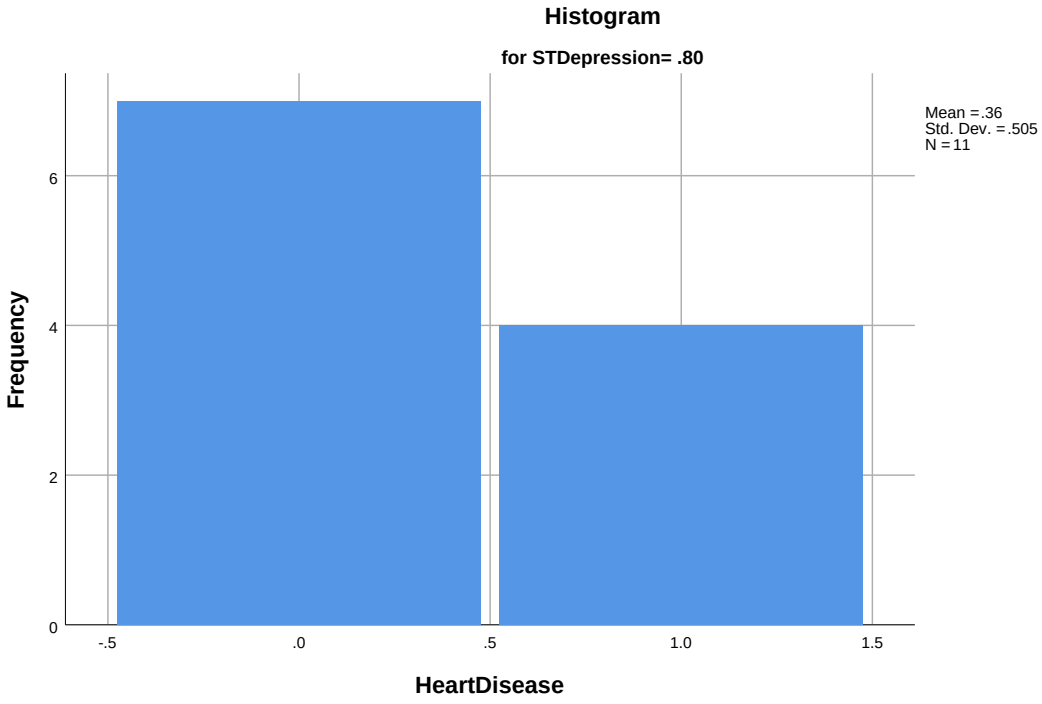

Histogram
for STDepression= .20
Mean =.18
Std. Dev. =.405
N = 11
Frequency
0
2
4
6
8
10
-.5
.0
.5
1.0
1.5
HeartDisease

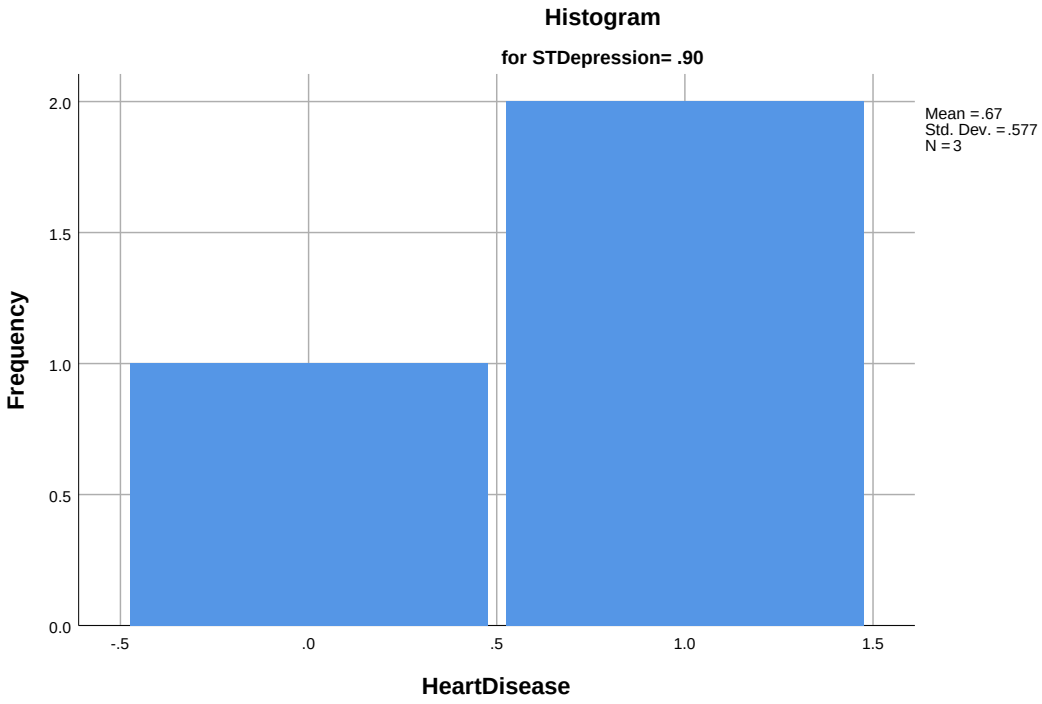

Histogram
for STDepression= .30
Mean =.33
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

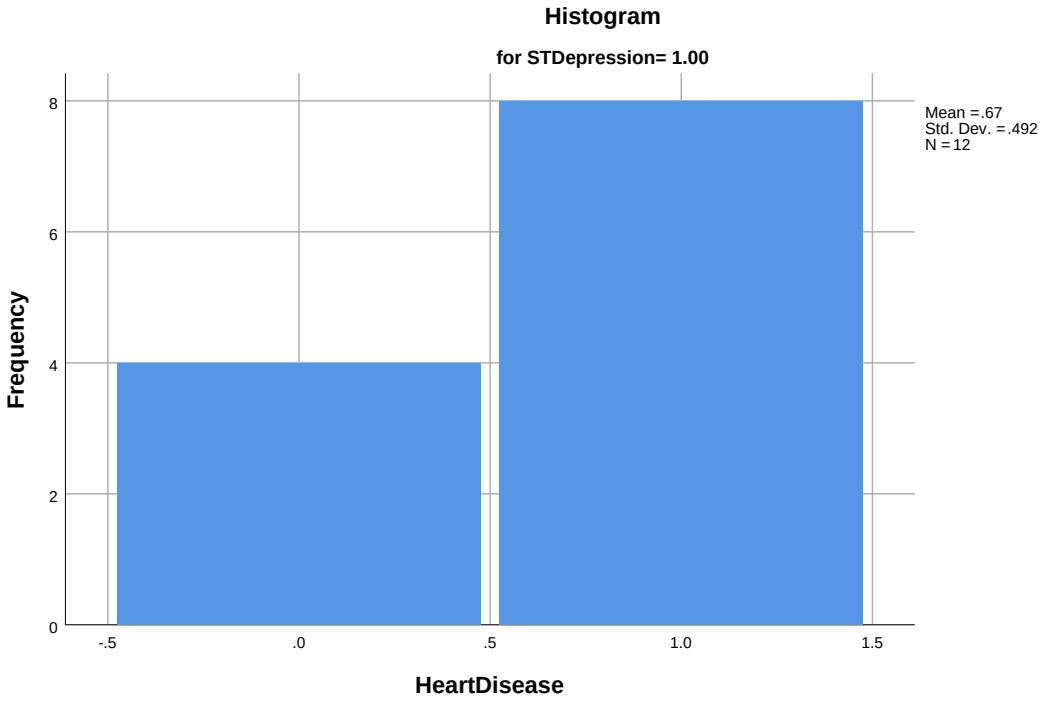

Histogram
for STDepression= .40
Mean =.13
Std. Dev. =.354
N =8
Frequency
6
4
2
0
-.5
.0
.5
1.0
1.5
HeartDisease

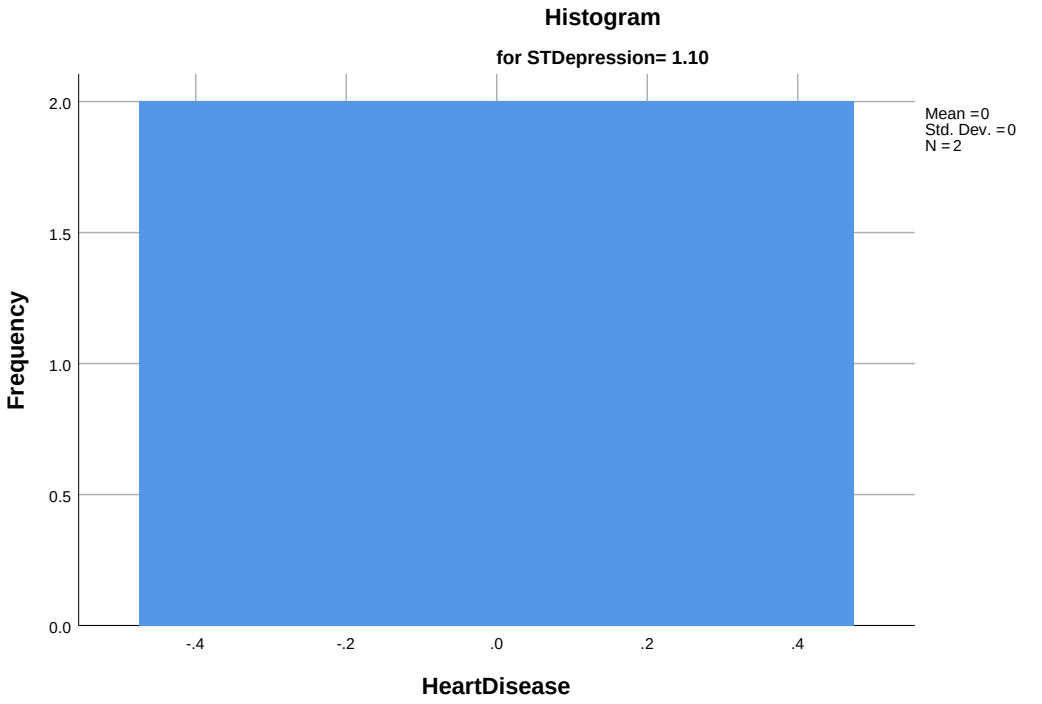

Histogram
for STDepression= .50
Mean = .2
Std. Dev. = .447
N = 5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

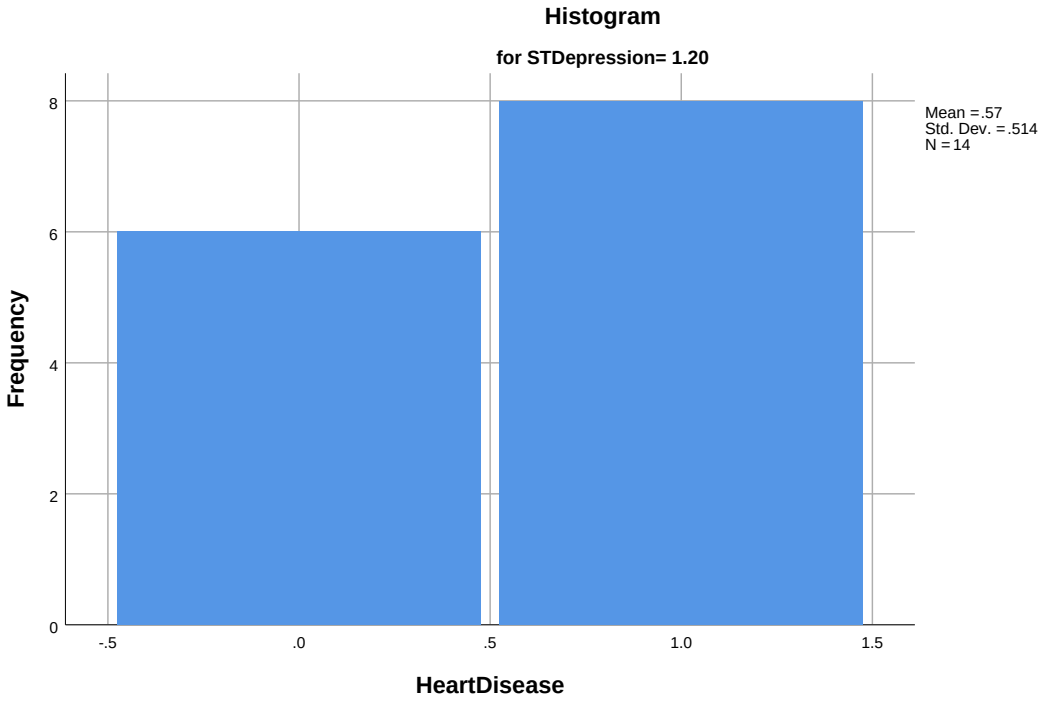

Histogram
for STDepression= .60
Mean = .33
Std. Dev. = .492
N = 12
Frequency
0
2
4
6
8
-.5
.0
.5
1.0
1.5
HeartDisease

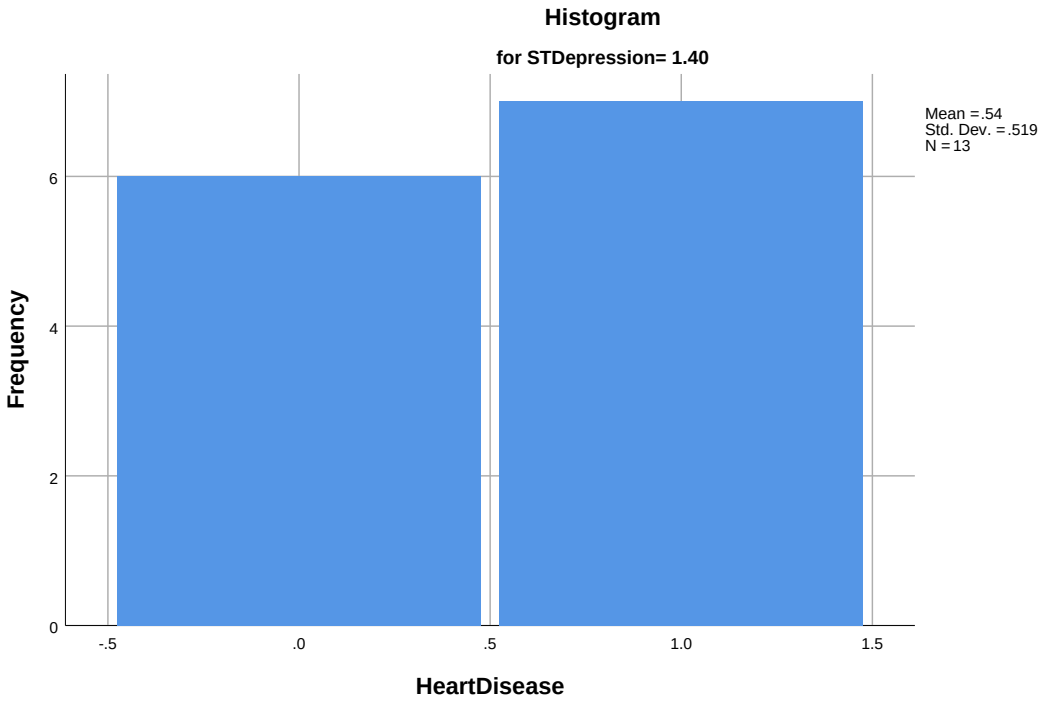

Histogram
for STDepression= .80
Mean =.36
Std. Dev. =.505
N =11
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

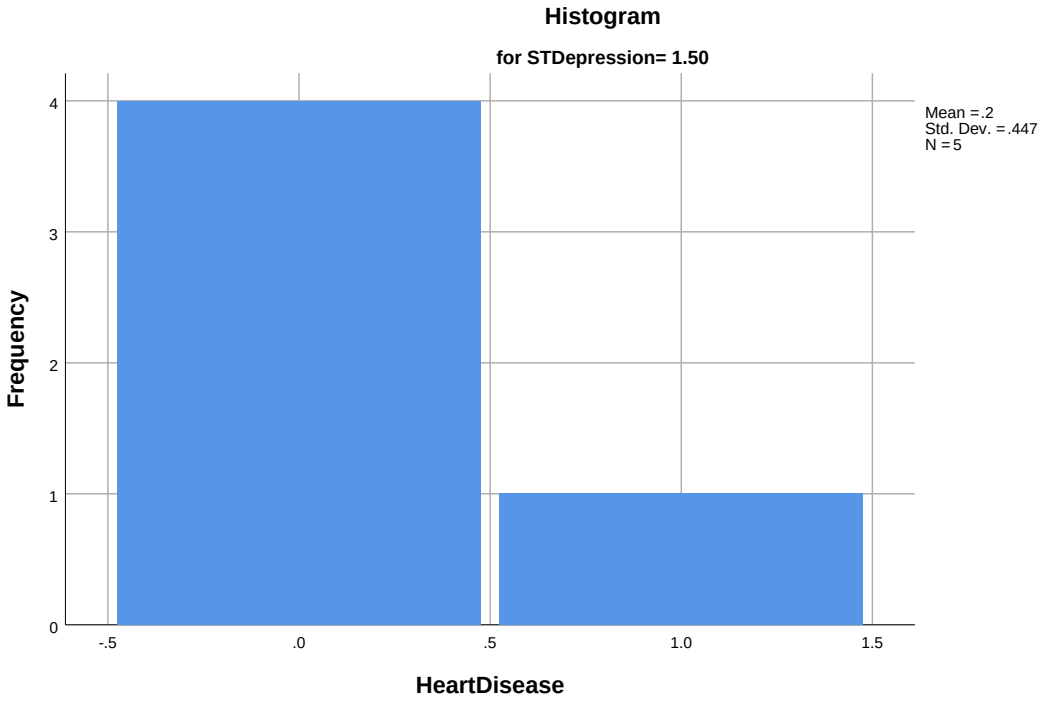

Histogram
for STDepression= .90
Mean =.67
Std. Dev. =.577
N =3
Frequency
0.0
0.5
1.0
1.5
2.0
-.5
.0
.5
1.0
1.5
HeartDisease

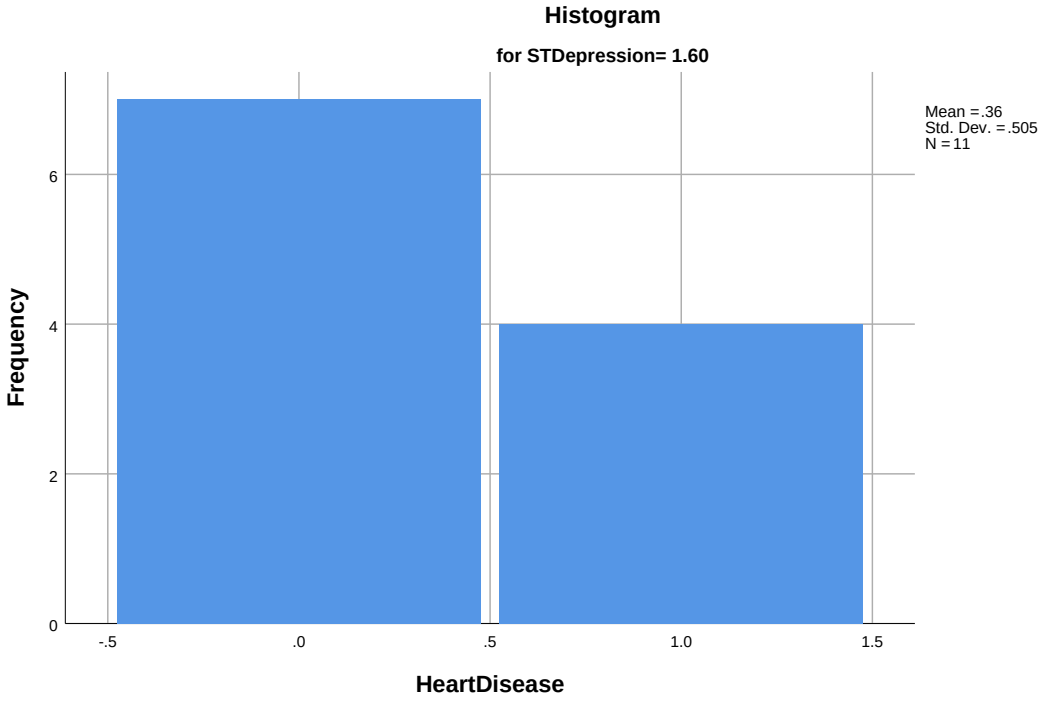

Histogram
for STDepression= 1.00
Mean =.67
Std. Dev. =.492
N =12
Frequency
0
2
4
6
8
-.5
.0
.5
1.0
1.5
HeartDisease

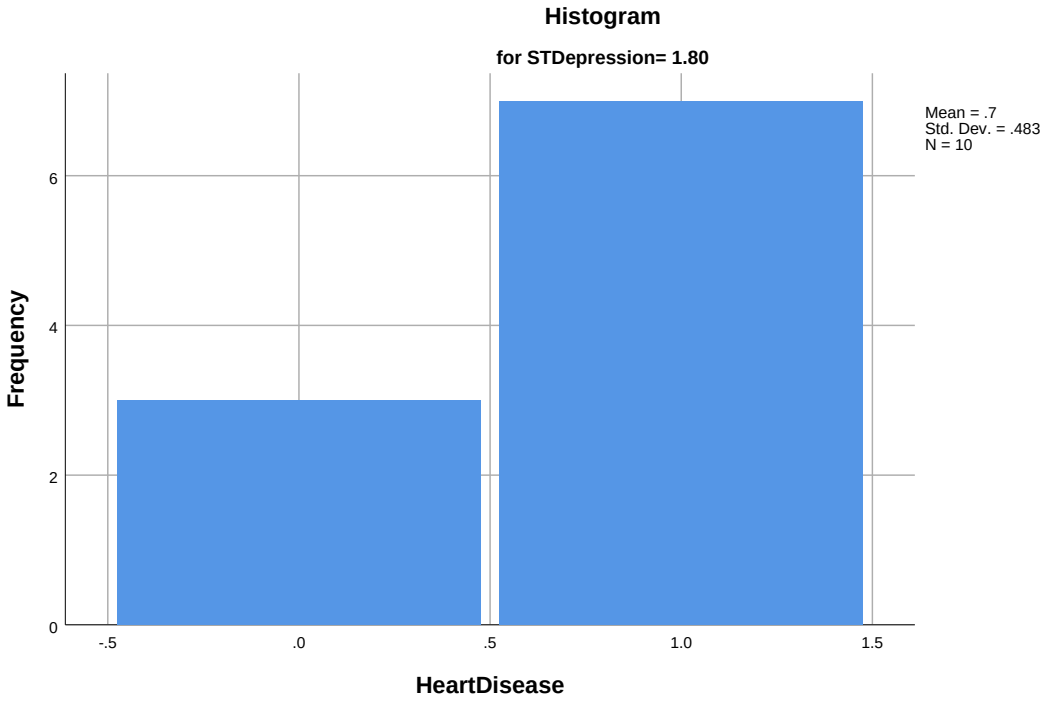

Histogram
for STDepression= 1.10
Mean =0
Std. Dev. =0
N =2
Frequency
0.0
0.5
1.0
1.5
2.0
-.4
-.2
.0
.2
.4
HeartDisease

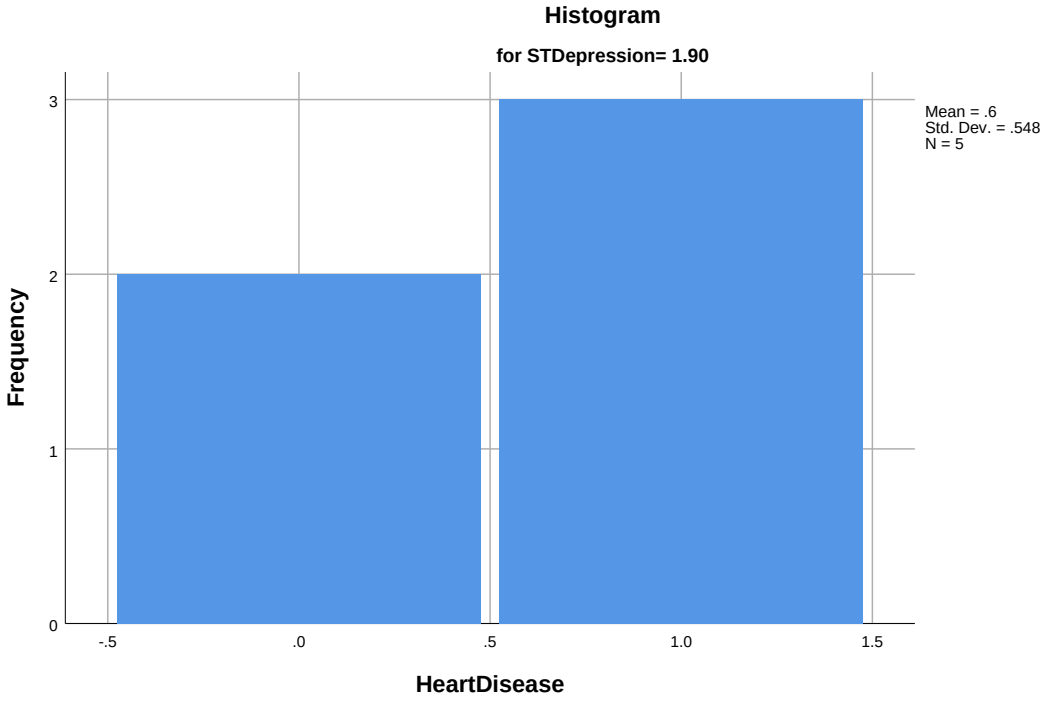

Histogram
for STDepression= 1.20
Mean =.57
Std. Dev. =.514
N =14
Frequency
0
2
4
6
8
-.5
.0
.5
1.0
1.5
HeartDisease

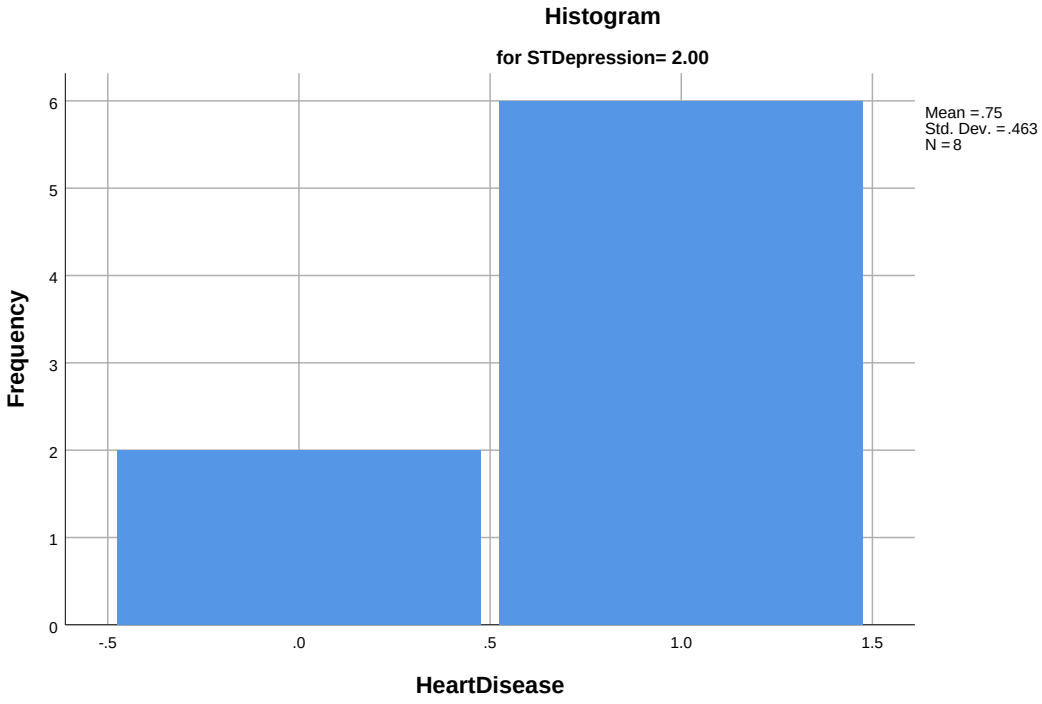

Histogram
for STDepression= 1.40
Mean =.54
Std. Dev. =.519
N =13
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

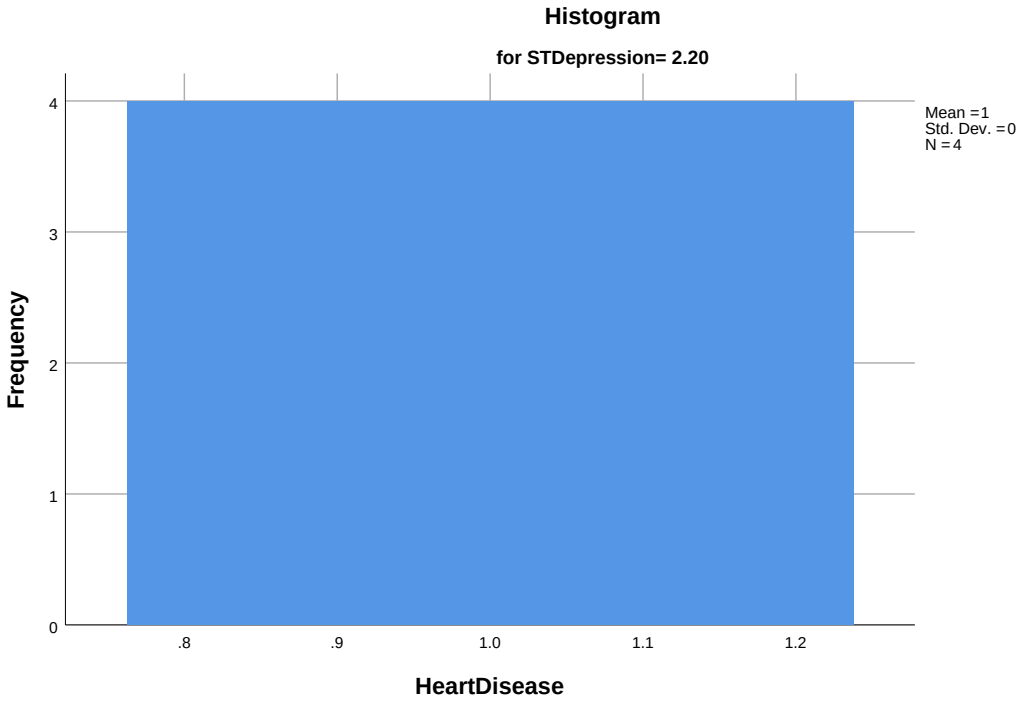

Histogram
for STDepression= 1.50
Mean =.2
Std. Dev. =.447
N =5
Frequency
0
1
2
3
4
-.5
.0
.5
1.0
1.5
HeartDisease

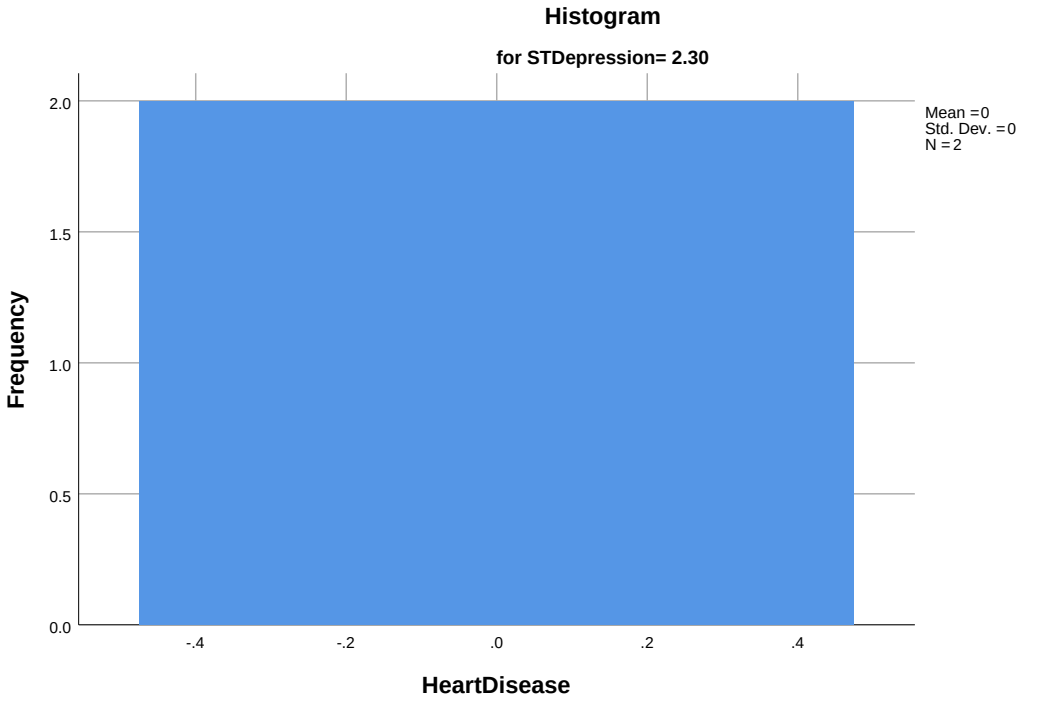

Histogram
for STDepression= 1.60
Mean =.36
Std. Dev. =.505
N =11
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

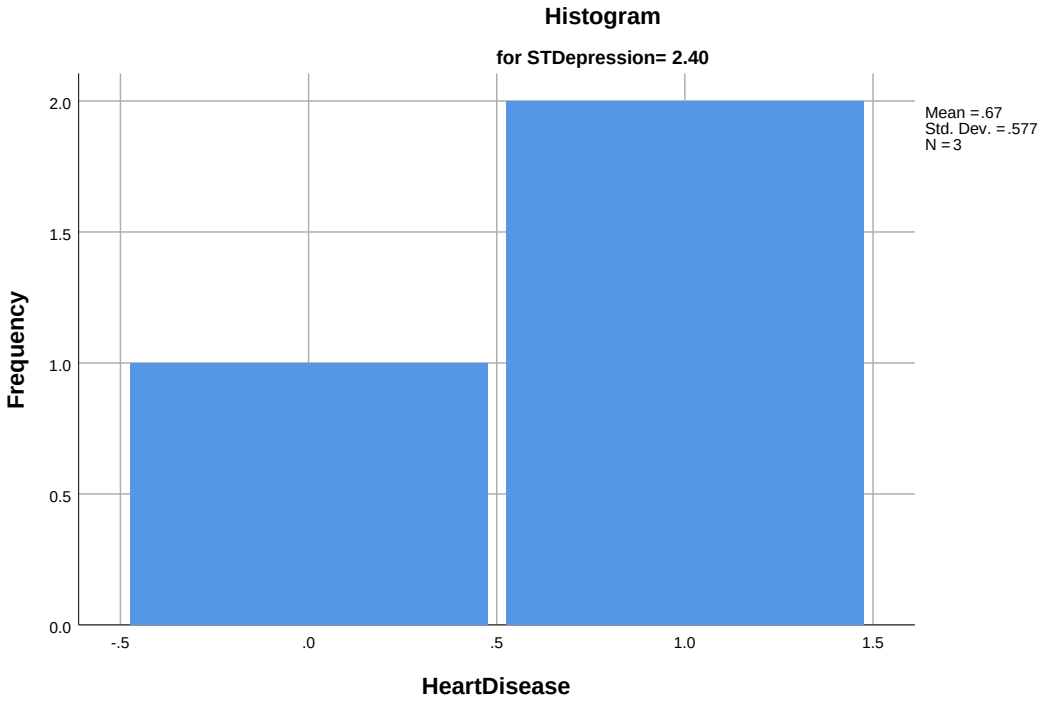

Histogram
for STDepression= 1.80
Mean = .7
Std. Dev. = .483
N = 10
Frequency
0
2
4
6
-.5
.0
.5
1.0
1.5
HeartDisease

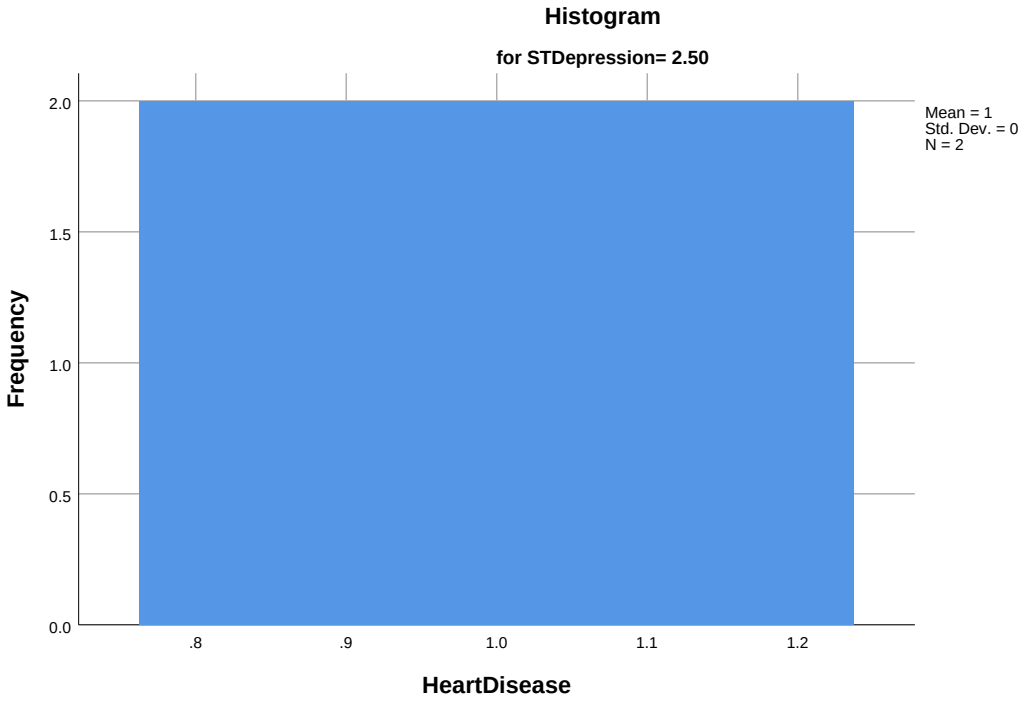

Histogram
for STDepression= 1.90
Mean = .6
Std. Dev. = .548
N = 5
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease

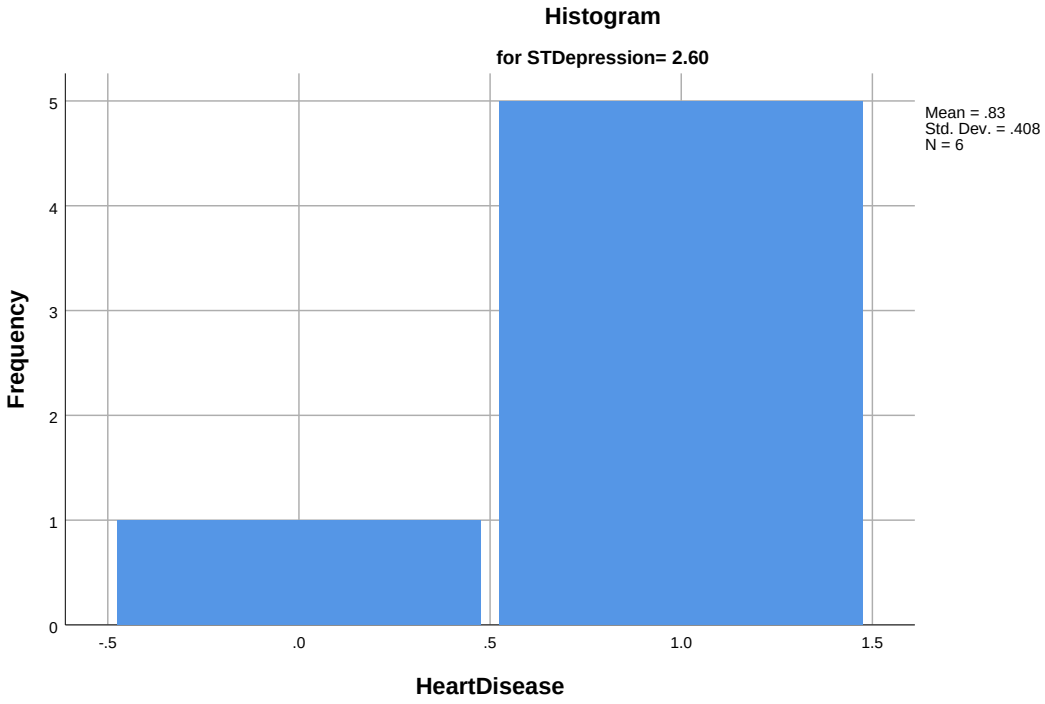

Histogram
for STDepression= 2.00
Mean =.75
Std. Dev. =.463
N =8
Frequency
0
1
2
3
4
5
6
-.5
.0
.5
1.0
1.5
HeartDisease

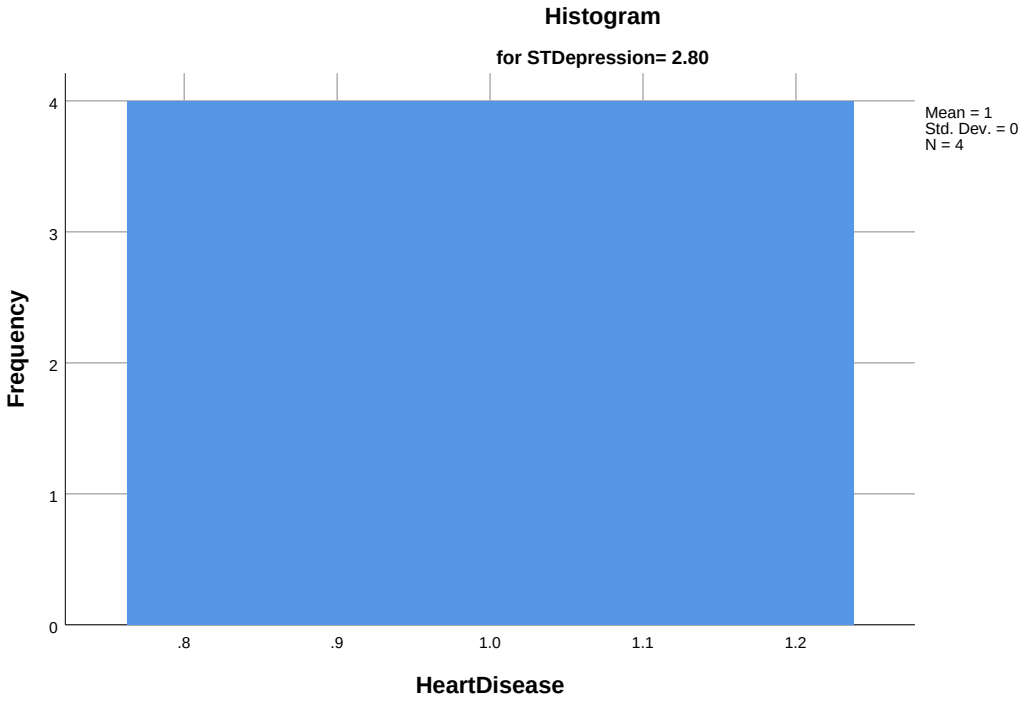

Histogram
for STDepression= 2.20
Mean =1
Std. Dev. =0
N =4
Frequency
0
1
2
3
4
.8
.9
1.0
1.1
1.2
HeartDisease

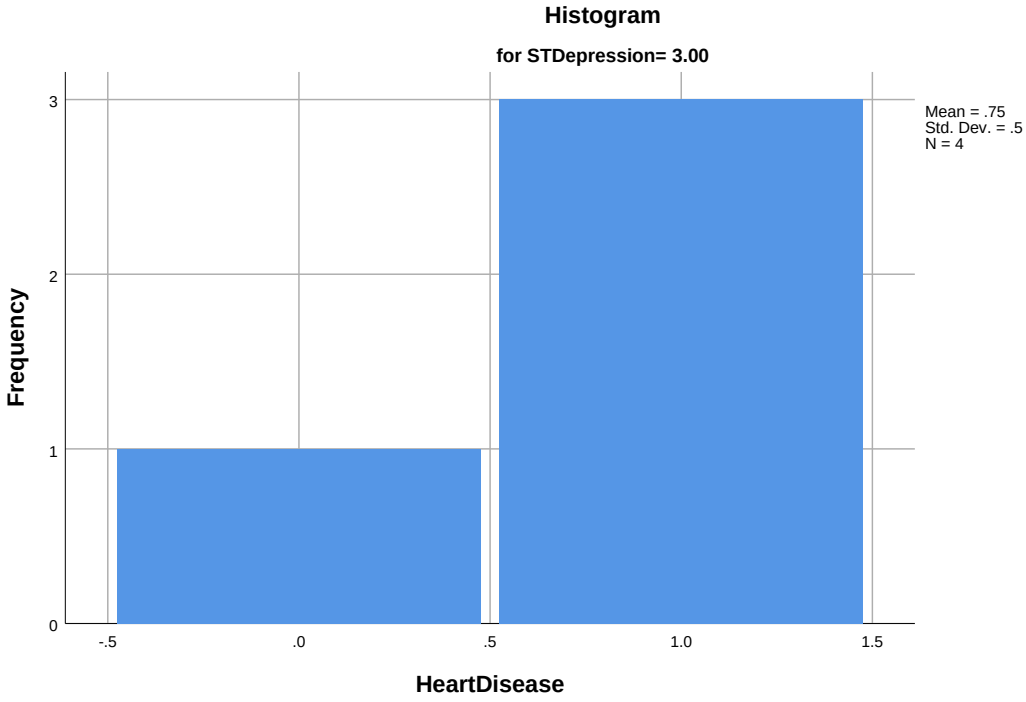

Histogram
for STDepression= 2.30
Mean =0
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
-.4
-.2
.0
.2
.4
HeartDisease

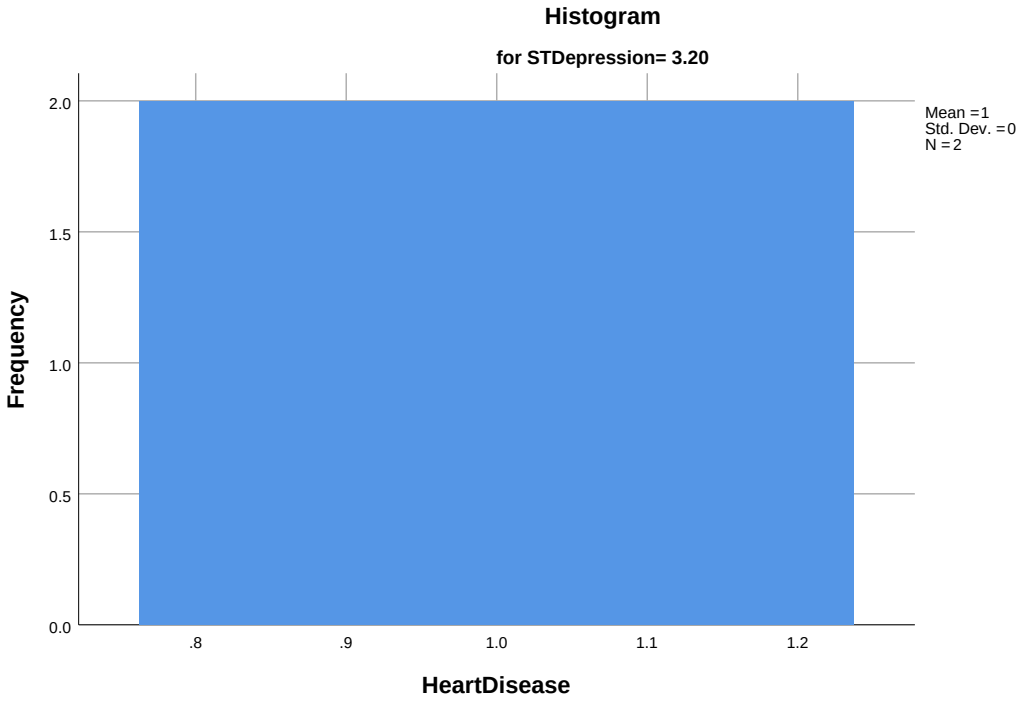

Histogram
for STDepression= 2.40
Mean =.67
Std. Dev. =.577
N =3
Frequency
2.0
1.5
1.0
0.5
0.0
-.5
.0
.5
1.0
1.5
HeartDisease

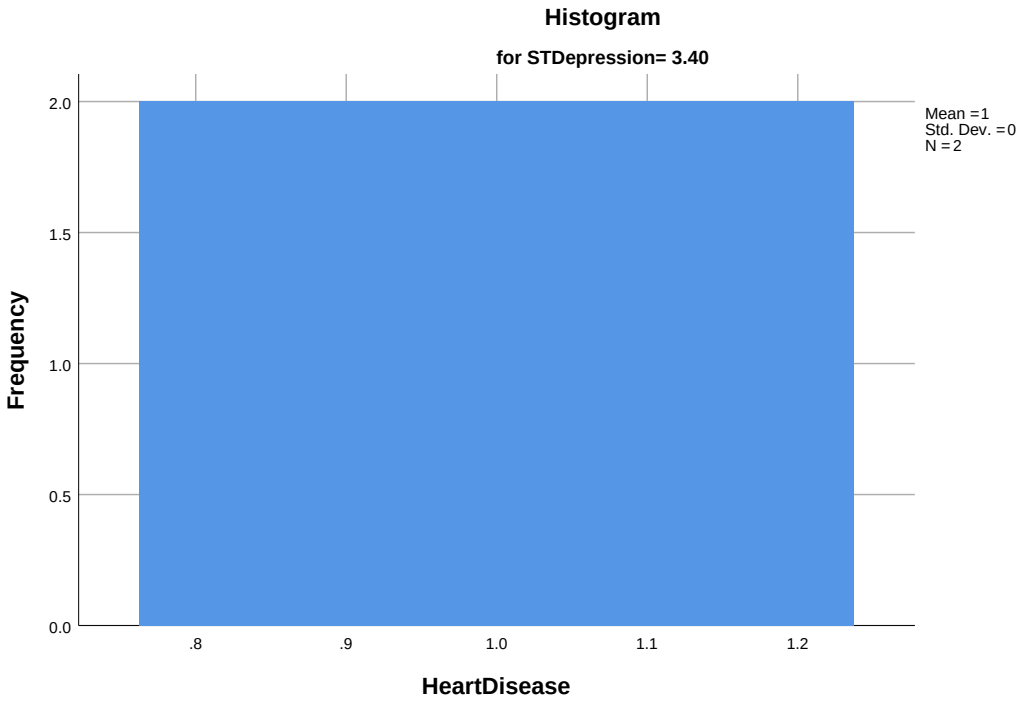

Histogram
for STDepression= 2.50
Mean = 1
Std. Dev. = 0
N = 2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease

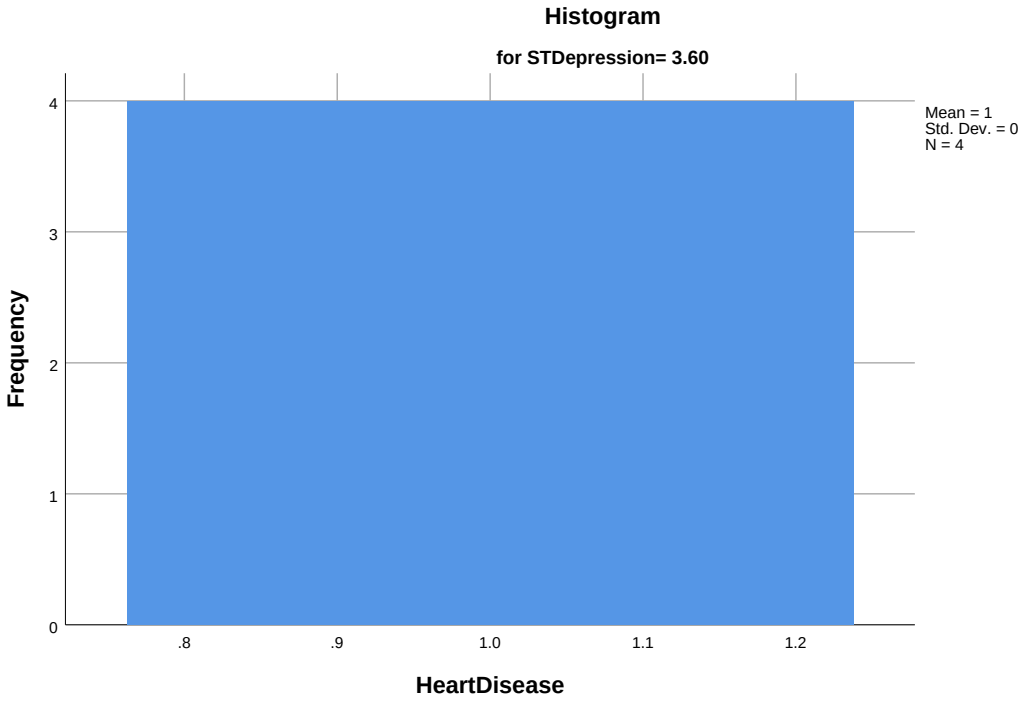

Histogram
for STDepression= 2.60
Mean = .83
Std. Dev. = .408
N = 6
Frequency
5
4
3
2
1
0
-.5
.0
.5
1.0
1.5
HeartDisease

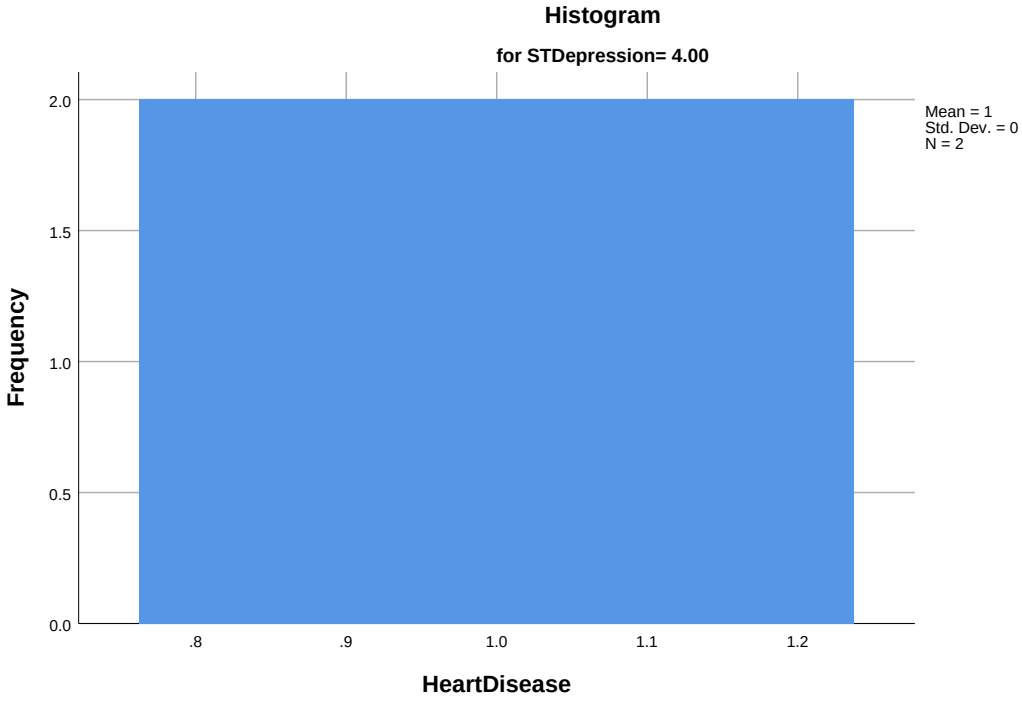

Histogram
for STDepression= 2.80
Mean = 1
Std. Dev. = 0
N = 4
Frequency
0
1
2
3
4
.8
.9
1.0
1.1
1.2
HeartDisease

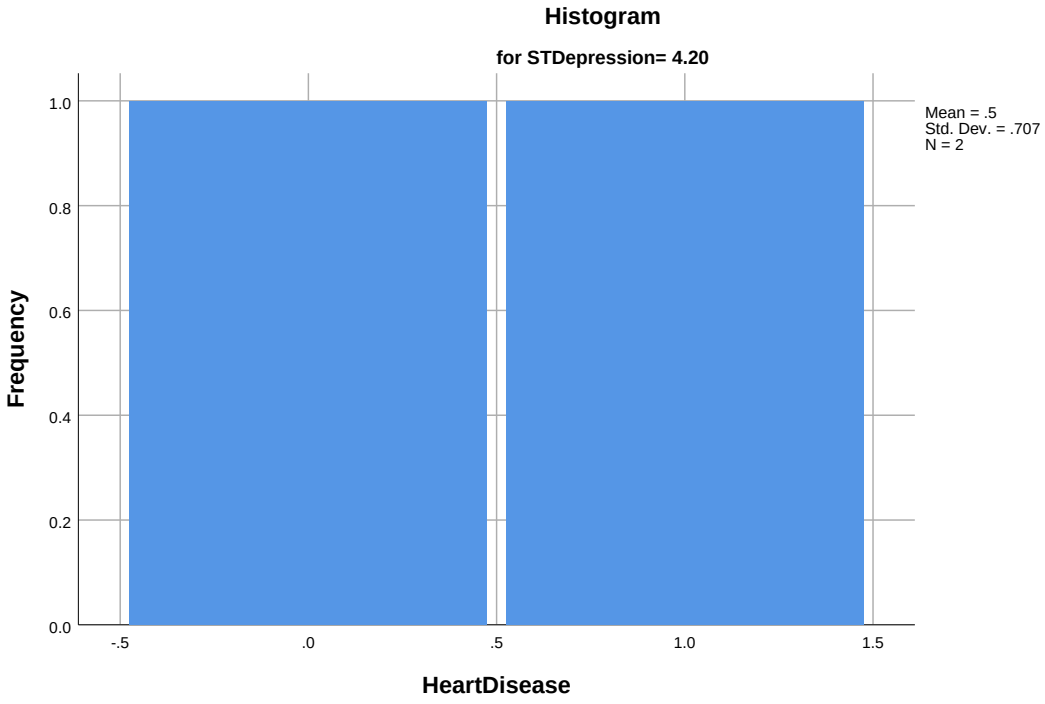

Histogram
for STDepression= 3.00
Mean = .75
Std. Dev. = .5
N = 4
Frequency
0
1
2
3
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for STDepression= 3.20
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease


Histogram
for STDepression= 3.40
Mean =1
Std. Dev. =0
N =2
Frequency
2.0
1.5
1.0
0.5
0.0
.8
.9
1.0
1.1
1.2
HeartDisease


Histogram
for STDepression= 3.60
Mean = 1
Std. Dev. = 0
N = 4
Frequency
0
1
2
3
4
.8
.9
1.0
1.1
1.2
HeartDisease


Histogram
for STDepression= 4.00
Mean = 1
Std. Dev. = 0
N = 2
Frequency
0.0
0.5
1.0
1.5
2.0
.8
.9
1.0
1.1
1.2
HeartDisease



Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
STDepression= .00

```
 Frequency    Stem &  Leaf

    63.00        0 .  000000000000000000000000000000000000000000000000000000000000
0000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    22.00        1 .  0000000000000000000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= .10

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= .20

```
 Frequency    Stem &  Leaf

     9.00        0 .  000000000
     2.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
STDepression= .30

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= .40

```
 Frequency    Stem &  Leaf

     7.00        0 .  0000000
```

```
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
STDepression= .50

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
STDepression= .60

```
 Frequency    Stem &  Leaf

     8.00        0 .  00000000
      .00        0 .
     4.00        1 .  0000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= .80

```
 Frequency    Stem &  Leaf

     7.00        0 .  0000000
      .00        0 .
     4.00        1 .  0000
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
STDepression= .90

 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
STDepression= 1.00

 Frequency    Stem &  Leaf

     4.00        0 .  0000
      .00        0 .
     8.00        1 .  00000000

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


HeartDisease Stem-and-Leaf Plot for
STDepression= 1.10

 Frequency    Stem &  Leaf

     2.00        0 .  00

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.20

```
 Frequency    Stem &  Leaf

     6.00        0 .  000000
      .00        0 .
     8.00        1 .  00000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.40

```
 Frequency    Stem &  Leaf

     6.00        0 .  000000
      .00        0 .
     7.00        1 .  0000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.50

```
 Frequency    Stem &  Leaf

     4.00        0 .  0000
     1.00 Extremes    (>=1)

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.60

```
 Frequency    Stem &  Leaf

     7.00        0 .  0000000
      .00        0 .
     4.00        1 .  0000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.80

```
 Frequency    Stem &  Leaf

     3.00        0 .  000
      .00        0 .
     7.00        1 .  0000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 1.90

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     3.00        1 .  000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 2.00

```
 Frequency    Stem &  Leaf

     2.00        0 .  00
      .00        0 .
     6.00        1 .  000000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 2.20

```
 Frequency    Stem &  Leaf

     4.00        1 .  0000

 Stem width:         1
 Each leaf:        1 case(s)
```

HeartDisease Stem-and-Leaf Plot for
STDepression= 2.30

```
 Frequency    Stem &  Leaf

     2.00        0 .  00

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 2.40

```
 Frequency    Stem &  Leaf

     1.00        0 .  0
     2.00        1 .  00
```

```
 Stem width:         1
 Each leaf:        1 case(s)


HeartDisease Stem-and-Leaf Plot for
STDepression= 2.50

 Frequency    Stem &  Leaf

     2.00        1 .  00

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


HeartDisease Stem-and-Leaf Plot for
STDepression= 2.60

 Frequency    Stem &  Leaf

     1.00 Extremes    (=<.0)
     5.00        1 .  00000

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


HeartDisease Stem-and-Leaf Plot for
STDepression= 2.80

 Frequency    Stem &  Leaf

     4.00        1 .  0000

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


HeartDisease Stem-and-Leaf Plot for
```

STDepression= 3.00

Frequency	Stem &	Leaf
1.00	0 .	0
.00	0 .	
3.00	1 .	000

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 3.20

Frequency	Stem &	Leaf
2.00	1 .	00

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 3.40

Frequency	Stem &	Leaf
2.00	1 .	00

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

HeartDisease Stem-and-Leaf Plot for
STDepression= 3.60

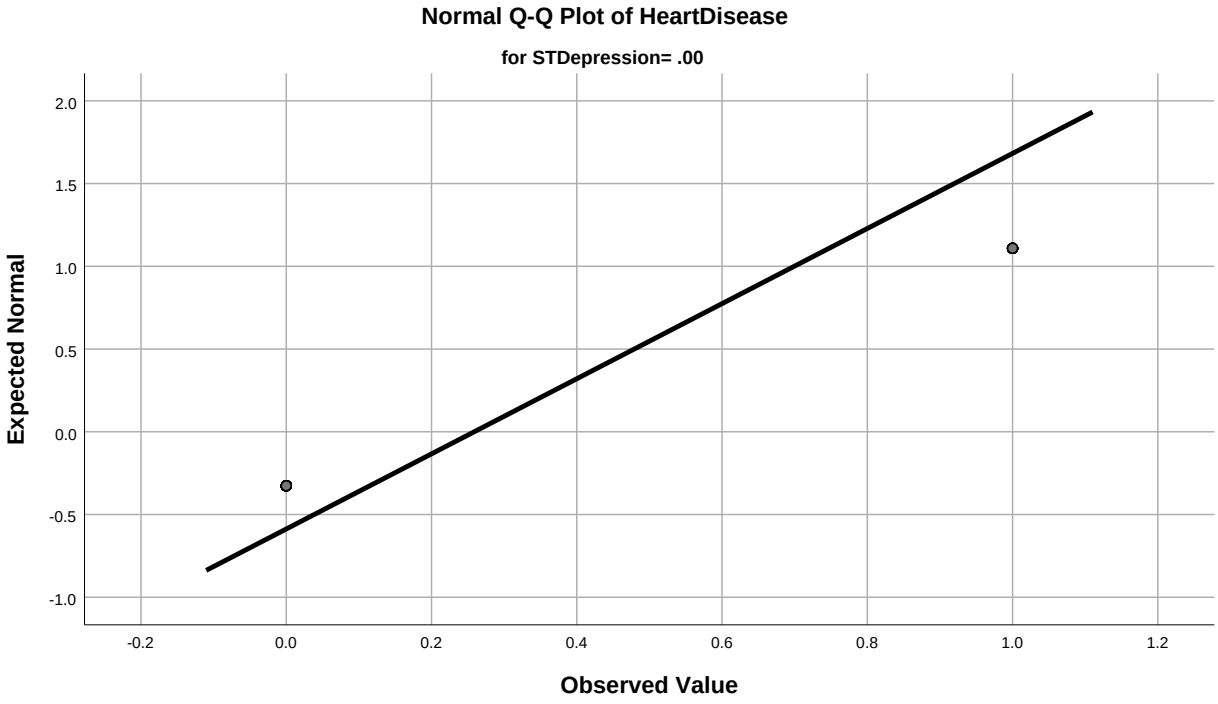
Frequency	Stem &	Leaf
4.00	1 .	0000

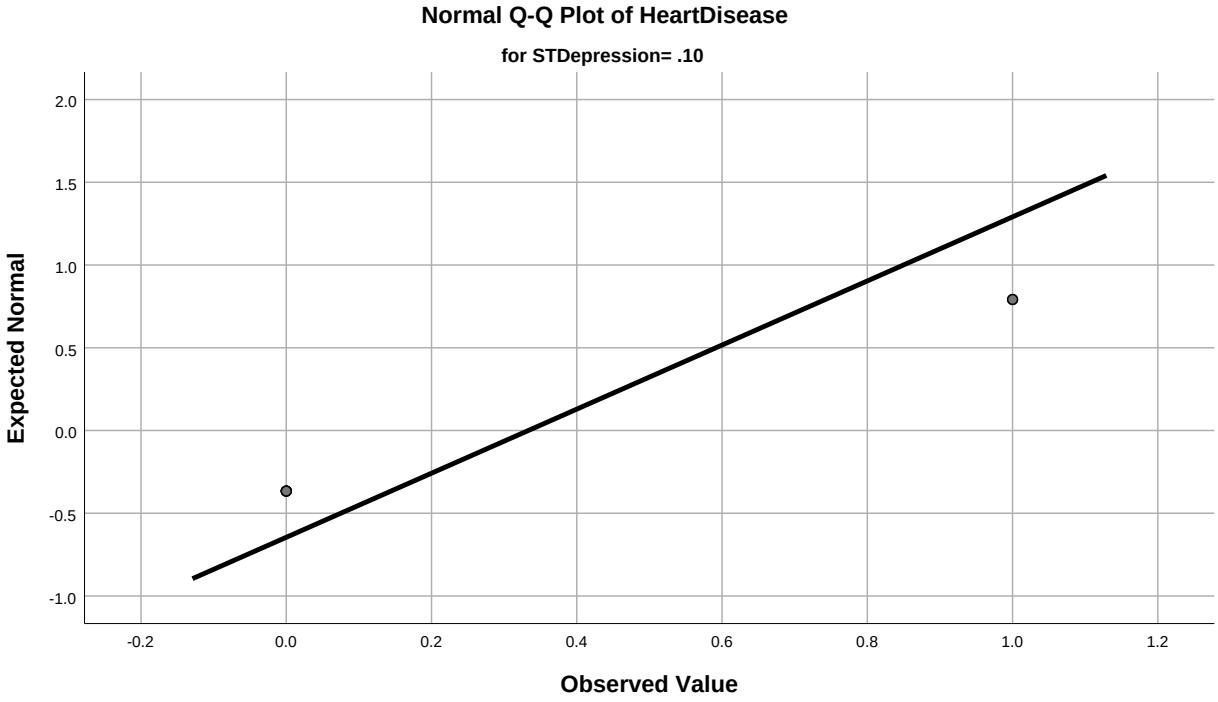
```
 Stem width:         1
 Each leaf:        1 case(s)
```

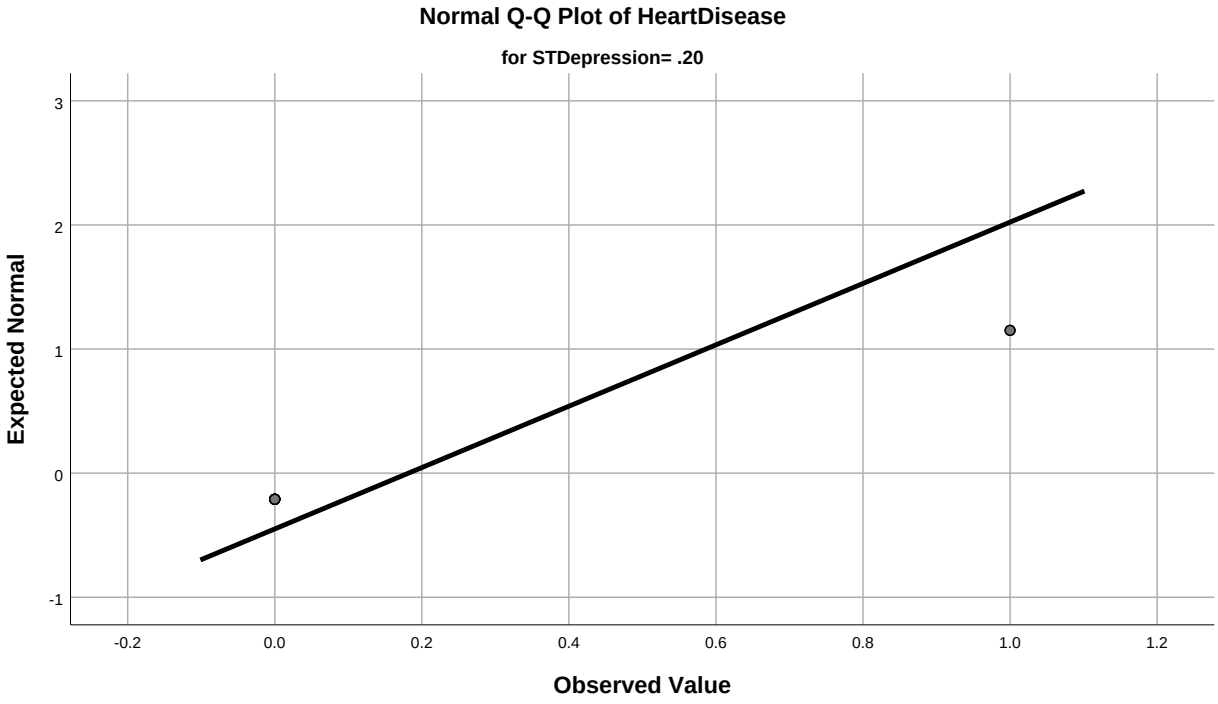
```
HeartDisease Stem-and-Leaf Plot for
STDepression= 4.00

 Frequency    Stem &  Leaf

     2.00        1 .  00

 Stem width:         1
 Each leaf:        1 case(s)
```

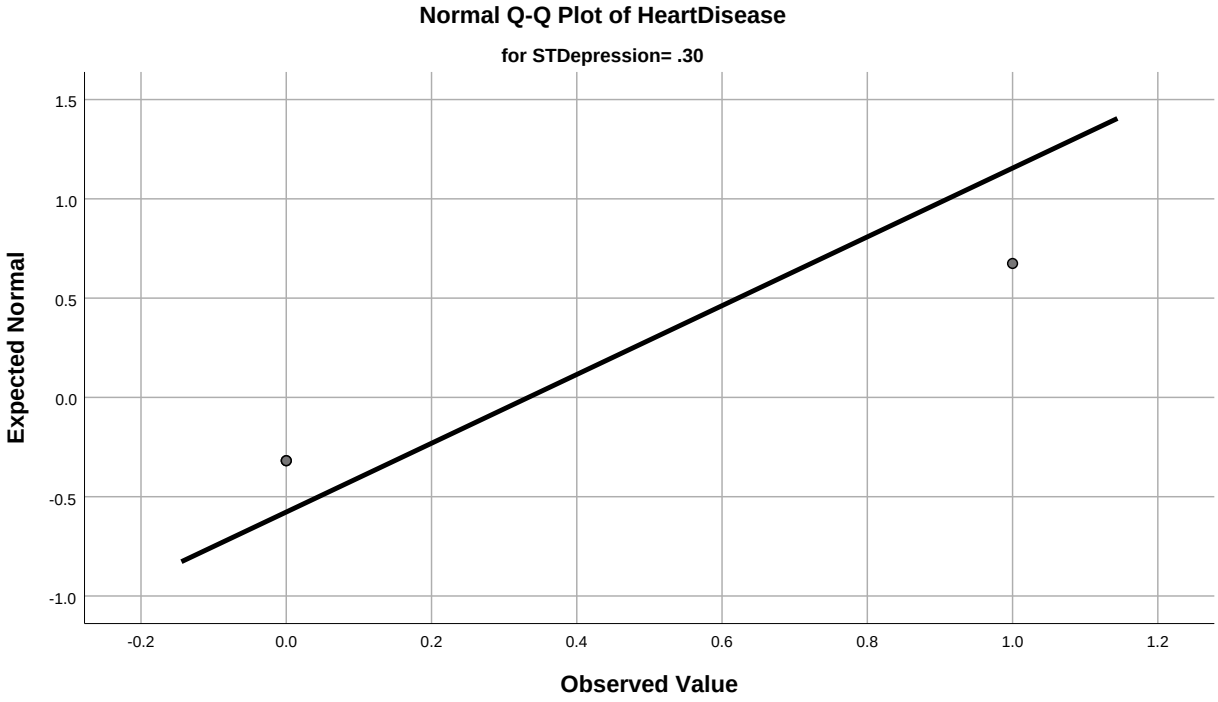
```
HeartDisease Stem-and-Leaf Plot for
STDepression= 4.20

 Frequency    Stem &  Leaf

     1.00        0 .  0
     1.00        1 .  0

 Stem width:         1
 Each leaf:        1 case(s)
```

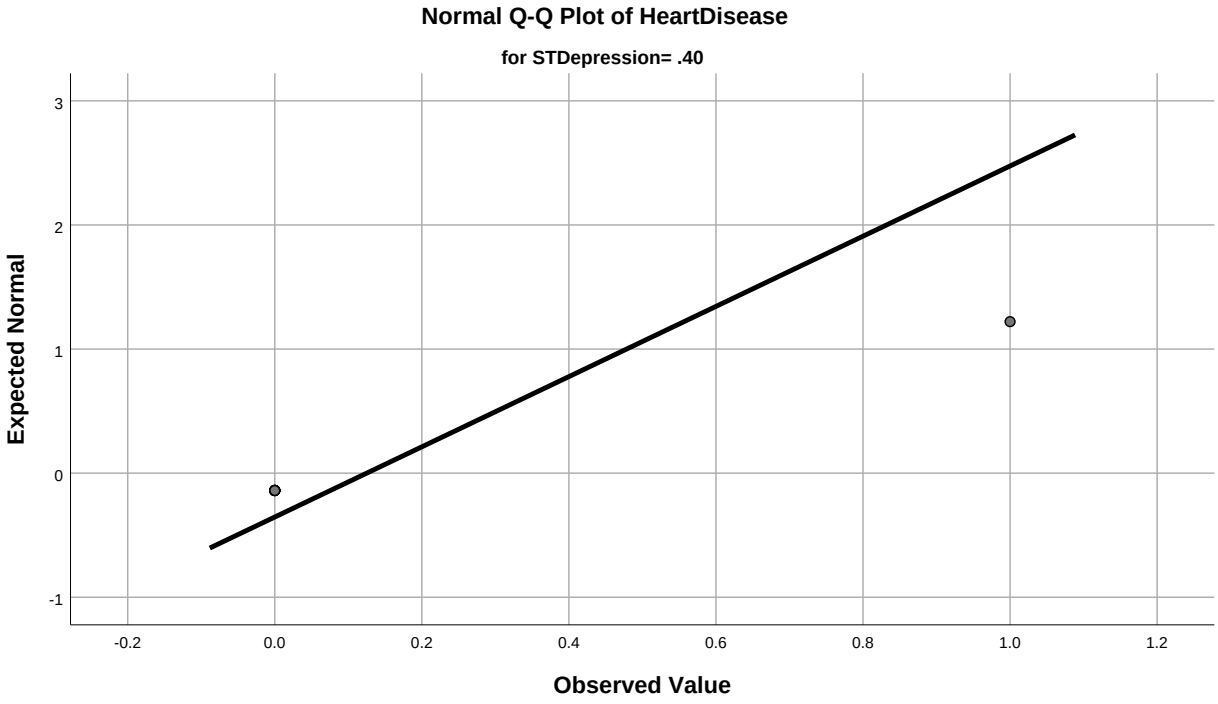
Normal Q-Q Plots

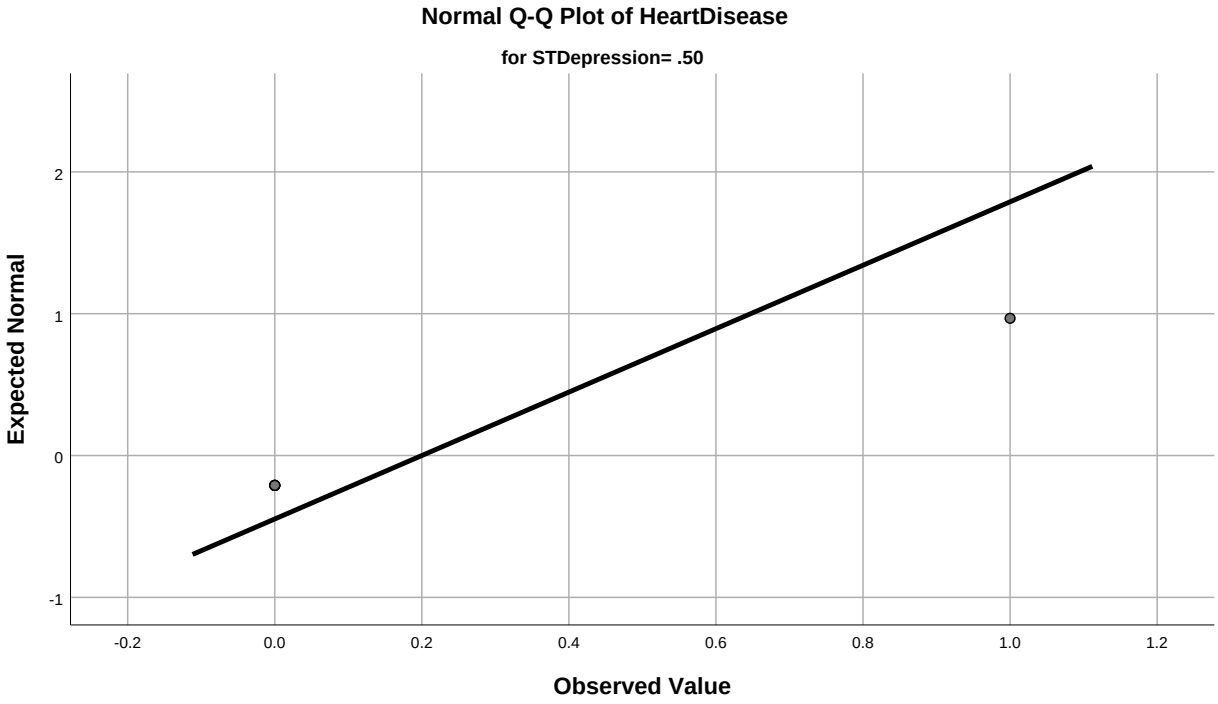

Normal Q-Q Plot of HeartDisease
for STDepression= .00
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

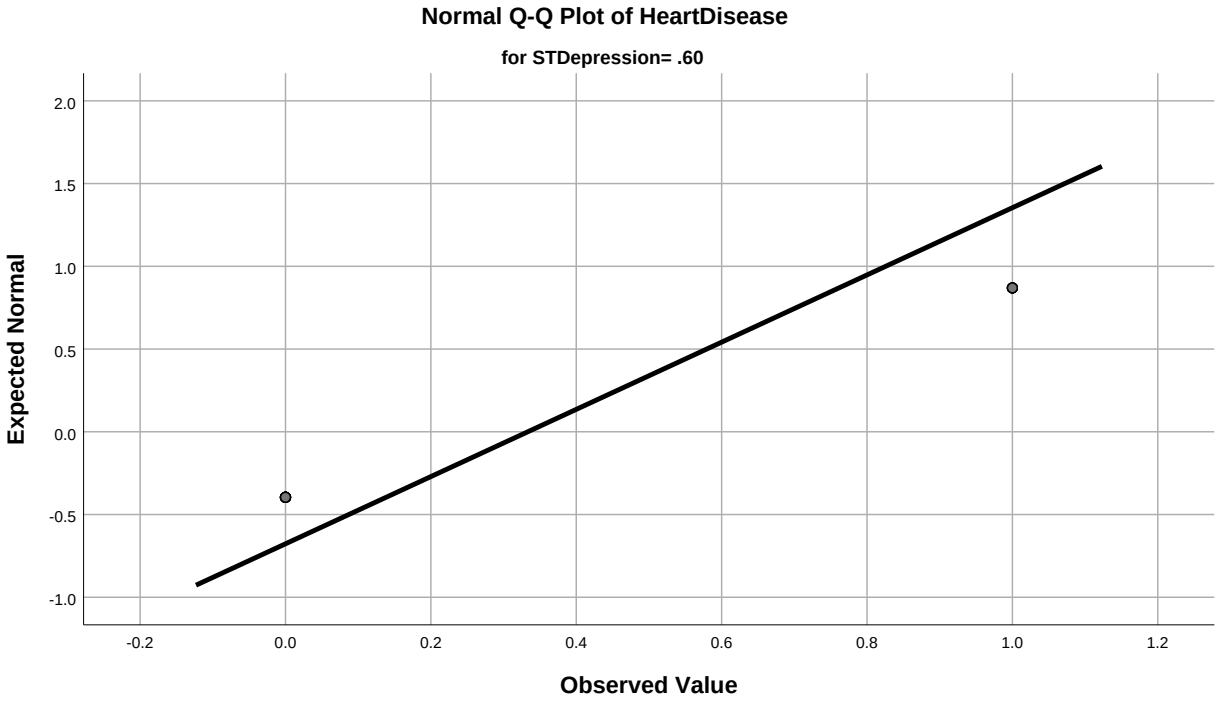

Normal Q-Q Plot of HeartDisease
for STDepression= .10
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

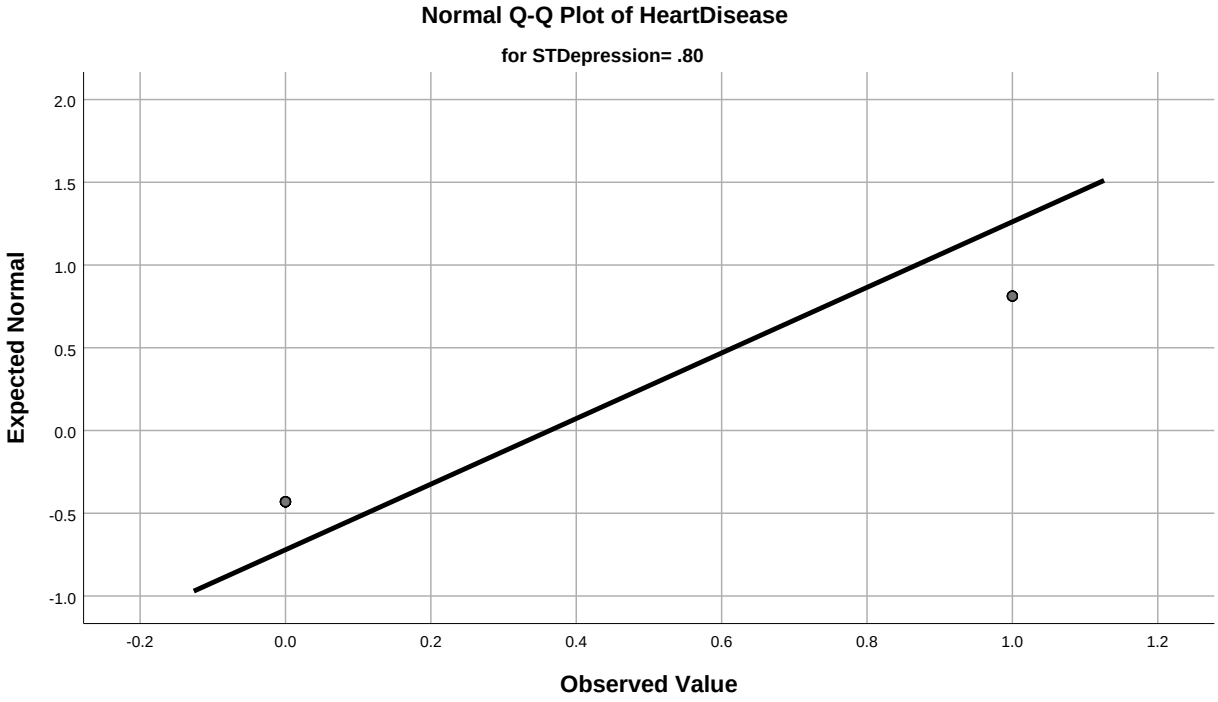

Normal Q-Q Plot of HeartDisease
for STDepression= .20
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

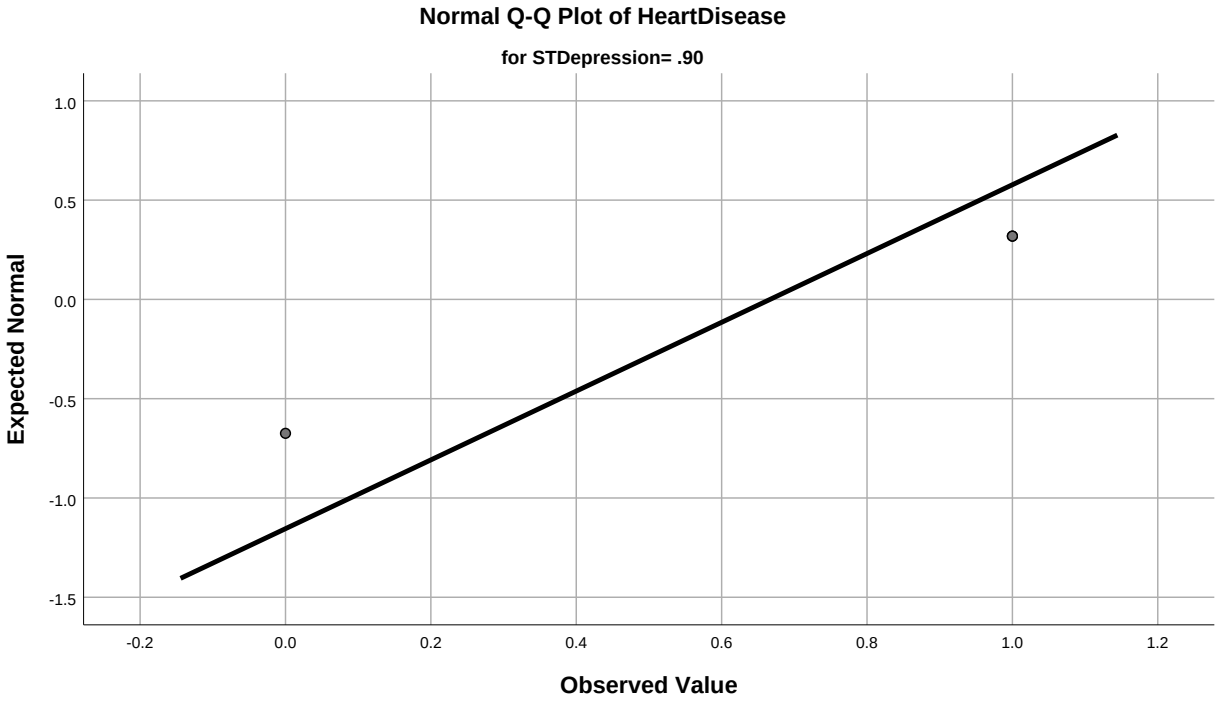

Normal Q-Q Plot of HeartDisease
for STDepression= .30
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

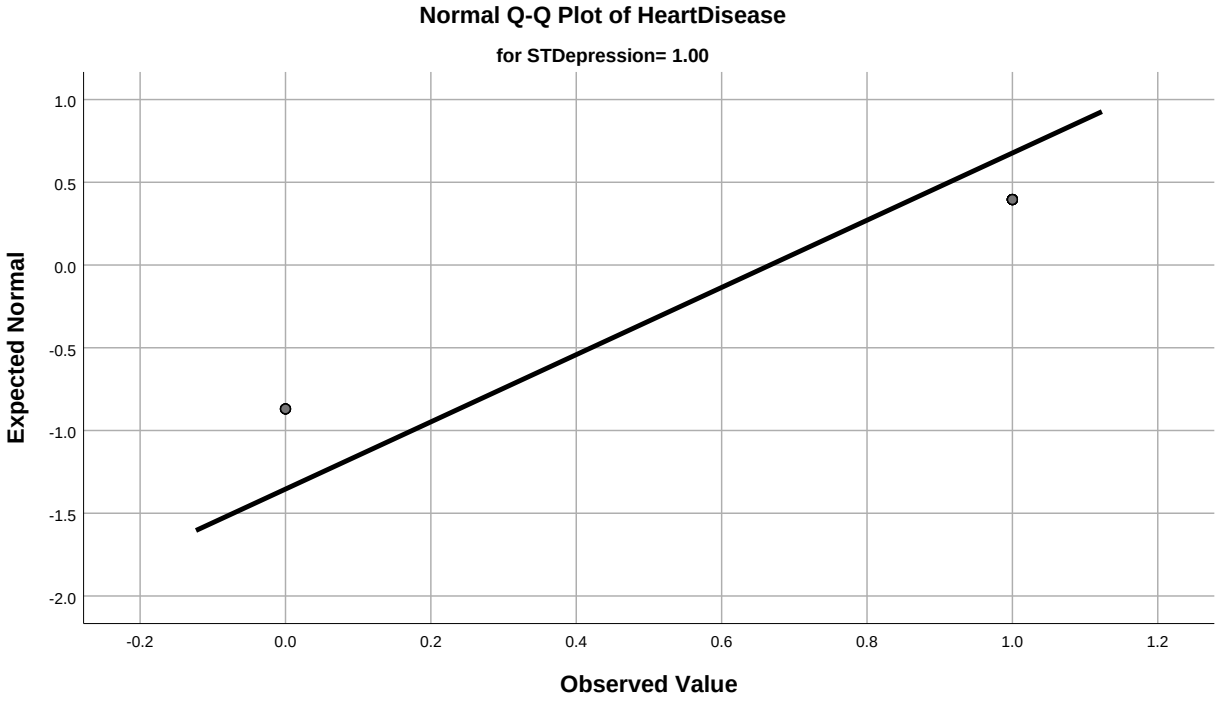

Normal Q-Q Plot of HeartDisease
for STDepression= .40
Expected Normal
3
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

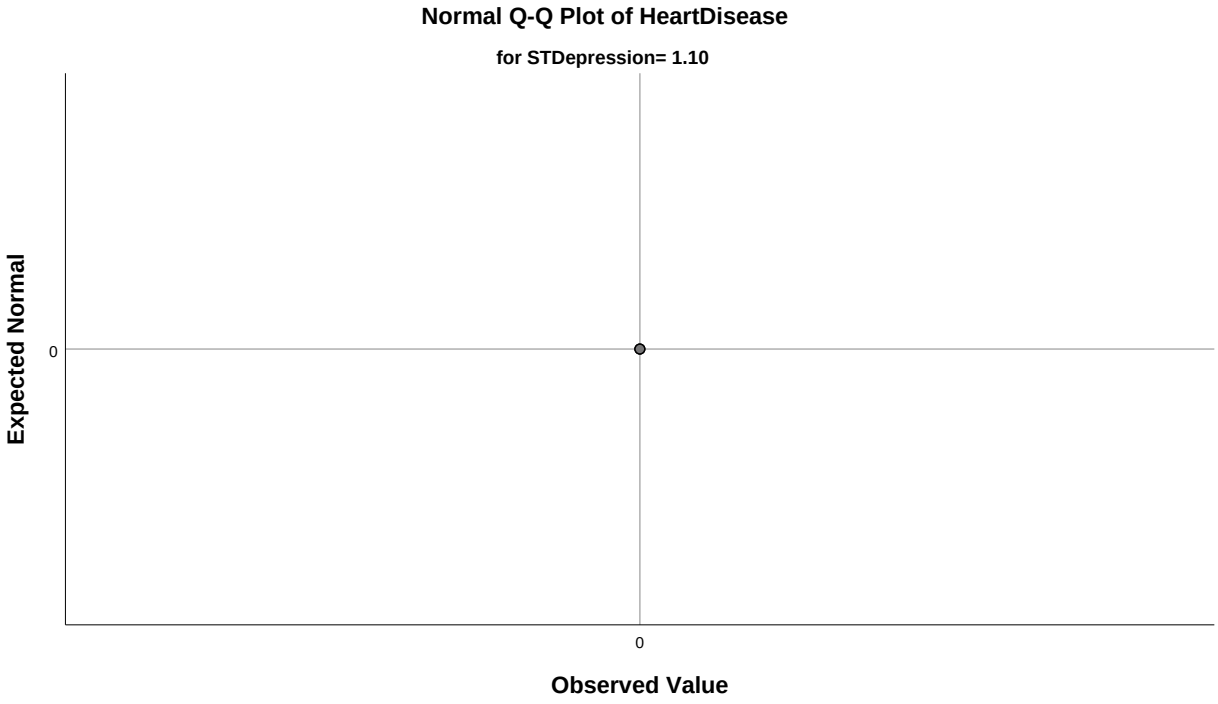

Normal Q-Q Plot of HeartDisease
for STDepression= .50
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

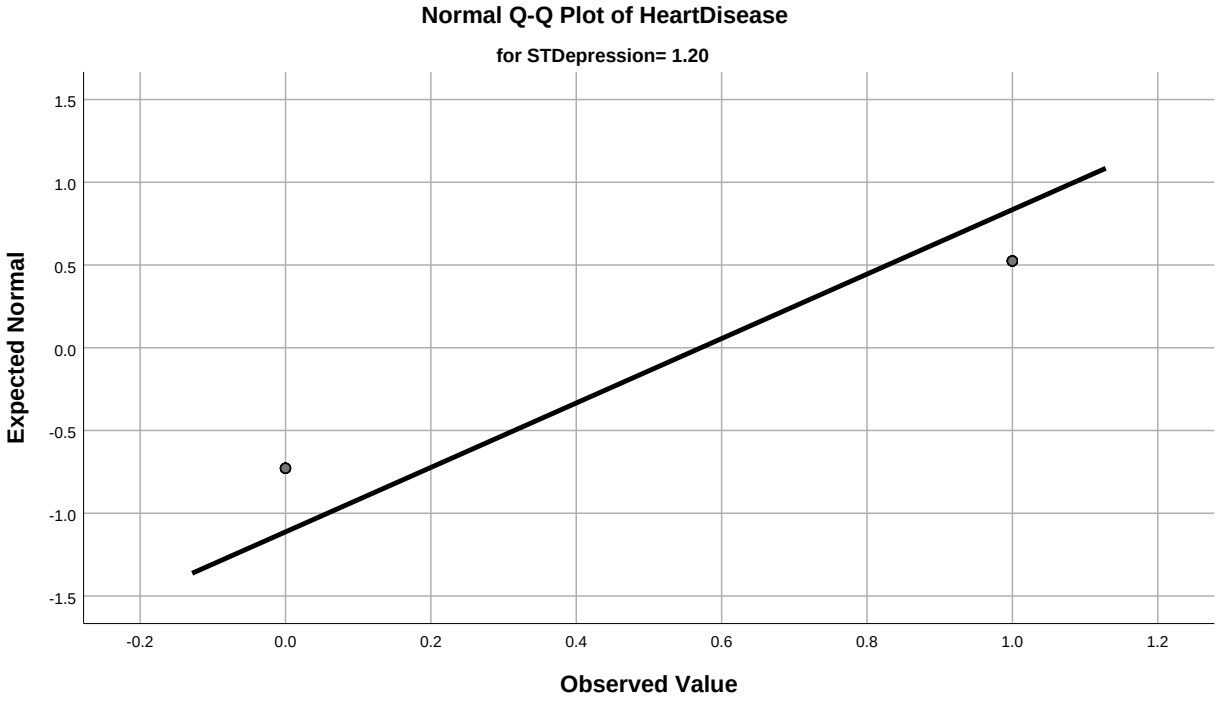

Normal Q-Q Plot of HeartDisease
for STDepression= .60
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

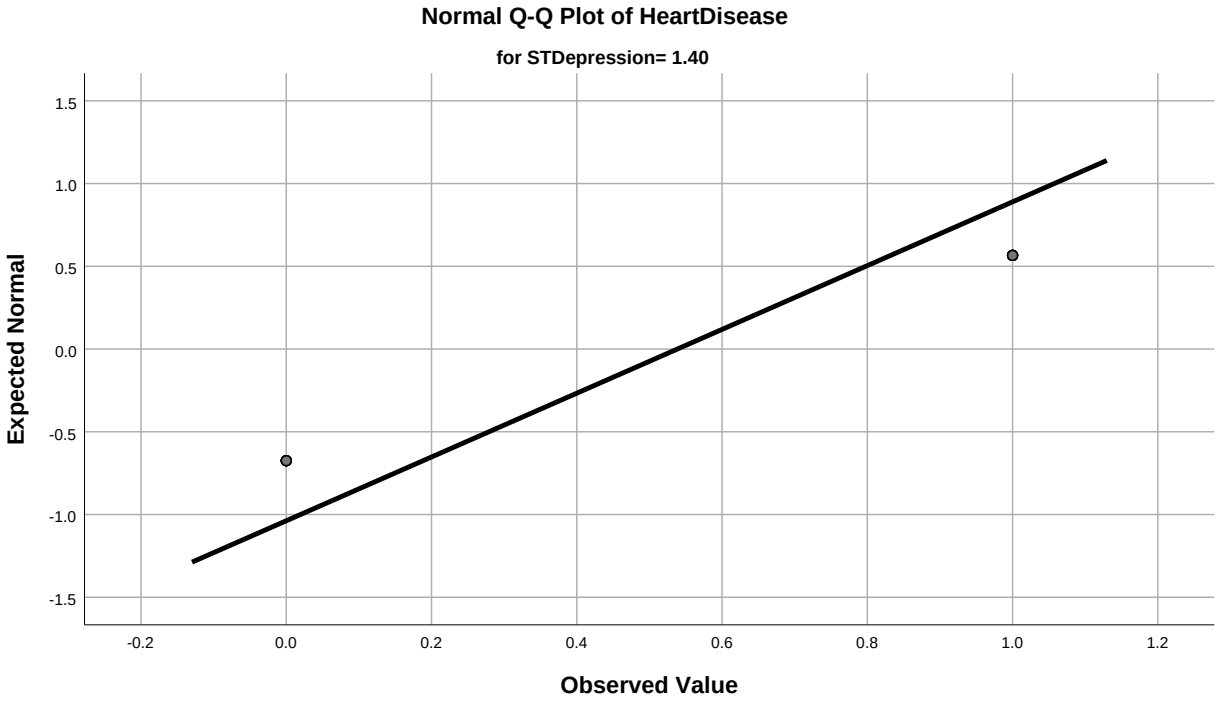

Normal Q-Q Plot of HeartDisease
for STDepression= .80
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

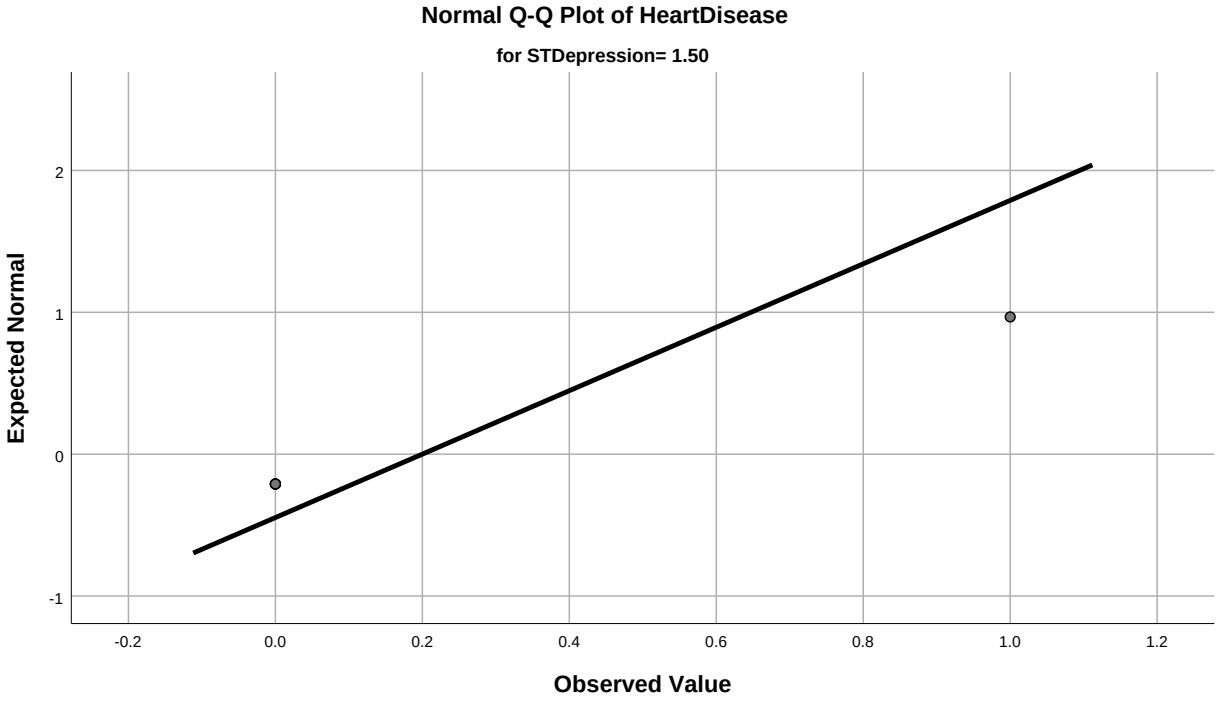

Normal Q-Q Plot of HeartDisease
for STDepression= .90
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

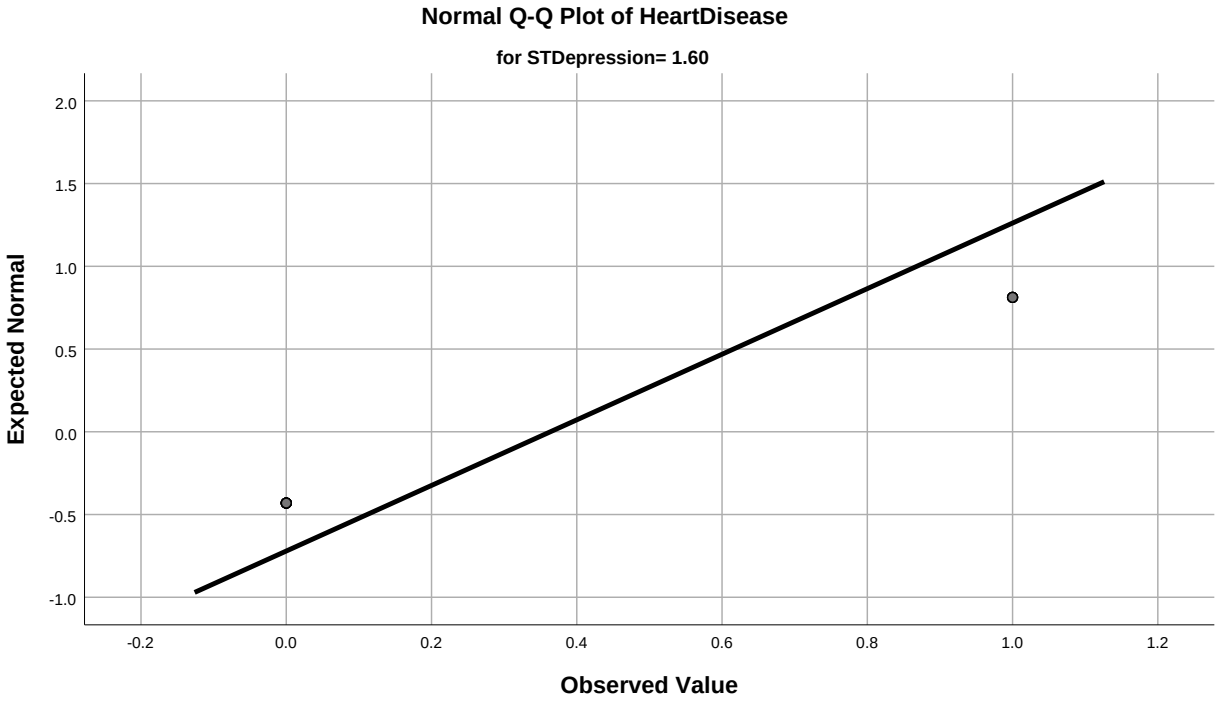

Normal Q-Q Plot of HeartDisease
for STDepression= 1.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

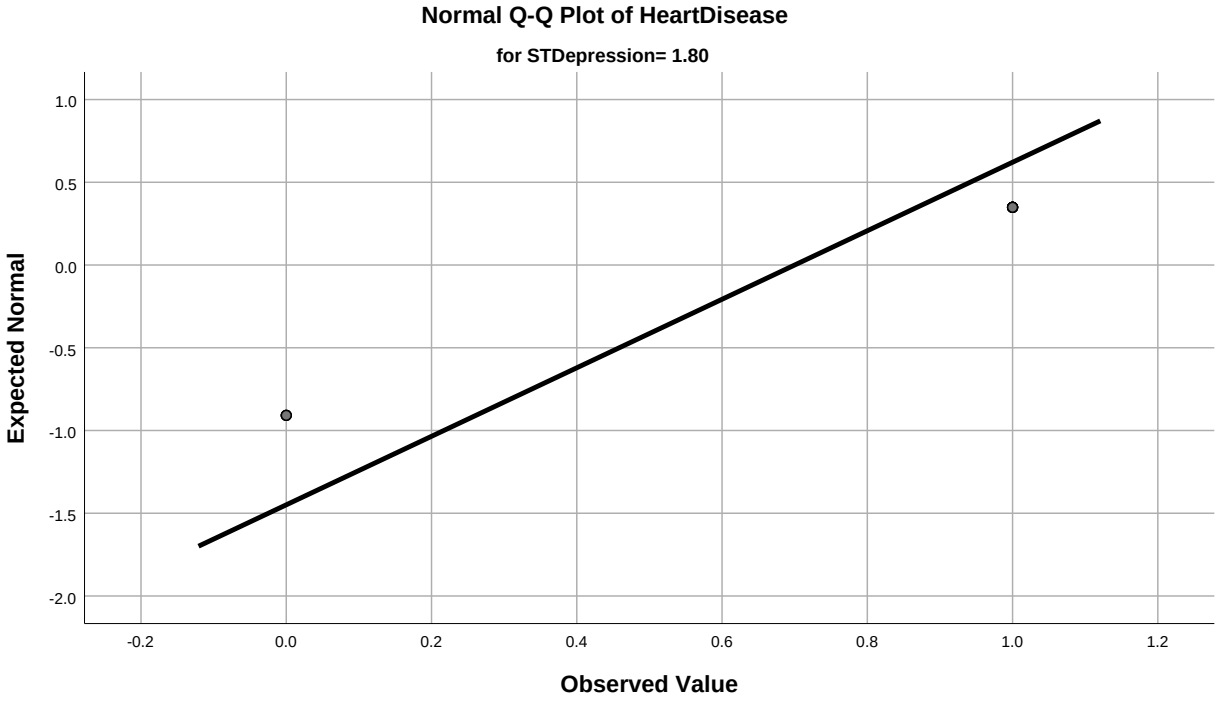

Normal Q-Q Plot of HeartDisease
for STDepression= 1.10
Expected Normal
0
0
Observed Value

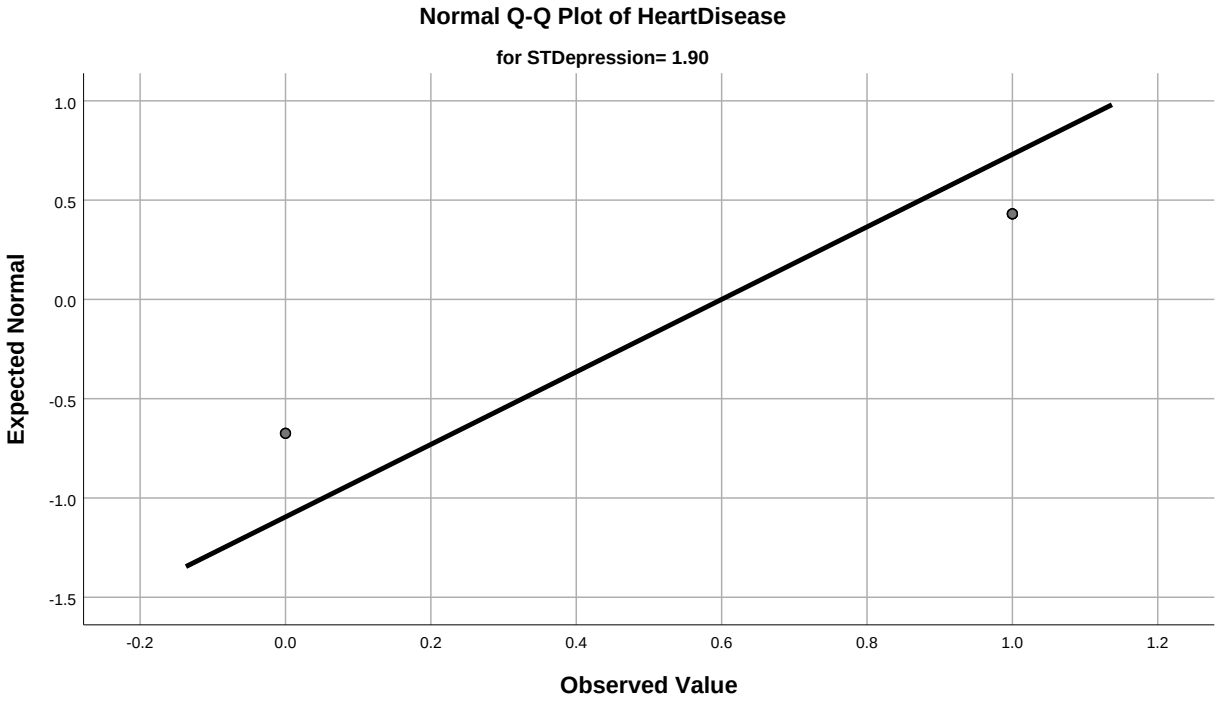

Normal Q-Q Plot of HeartDisease
for STDepression= 1.20
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

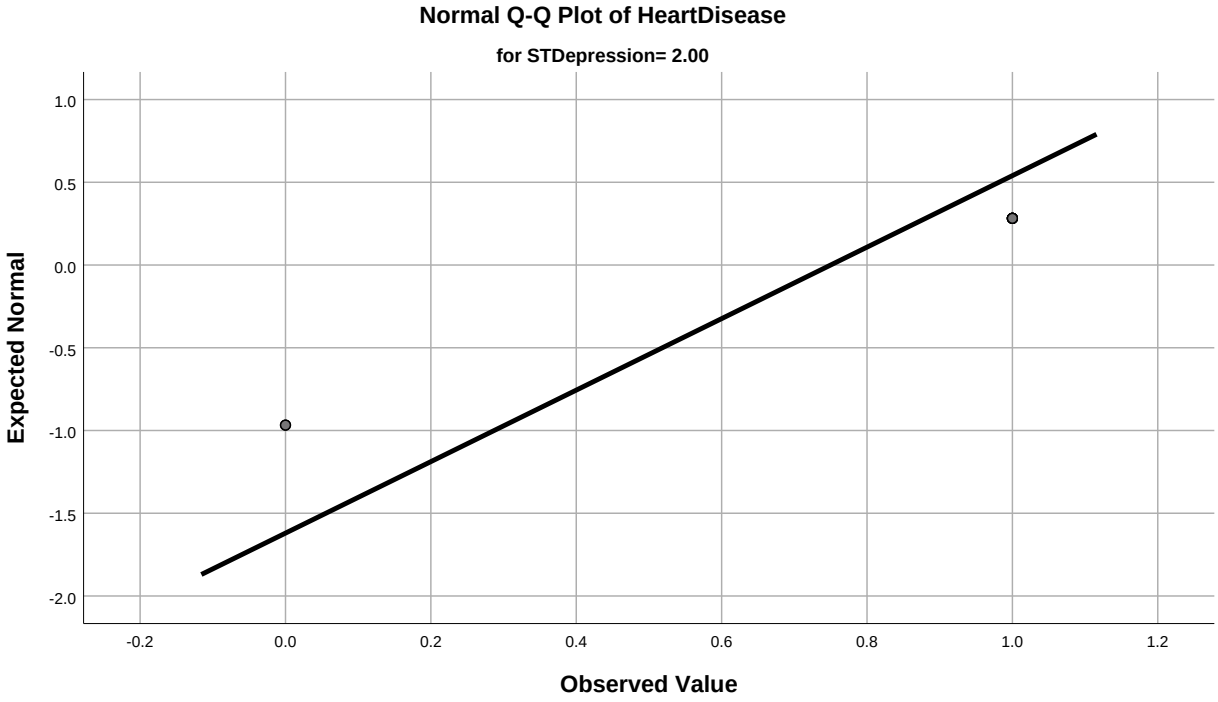

Normal Q-Q Plot of HeartDisease
for STDepression= 1.40
Expected Normal
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

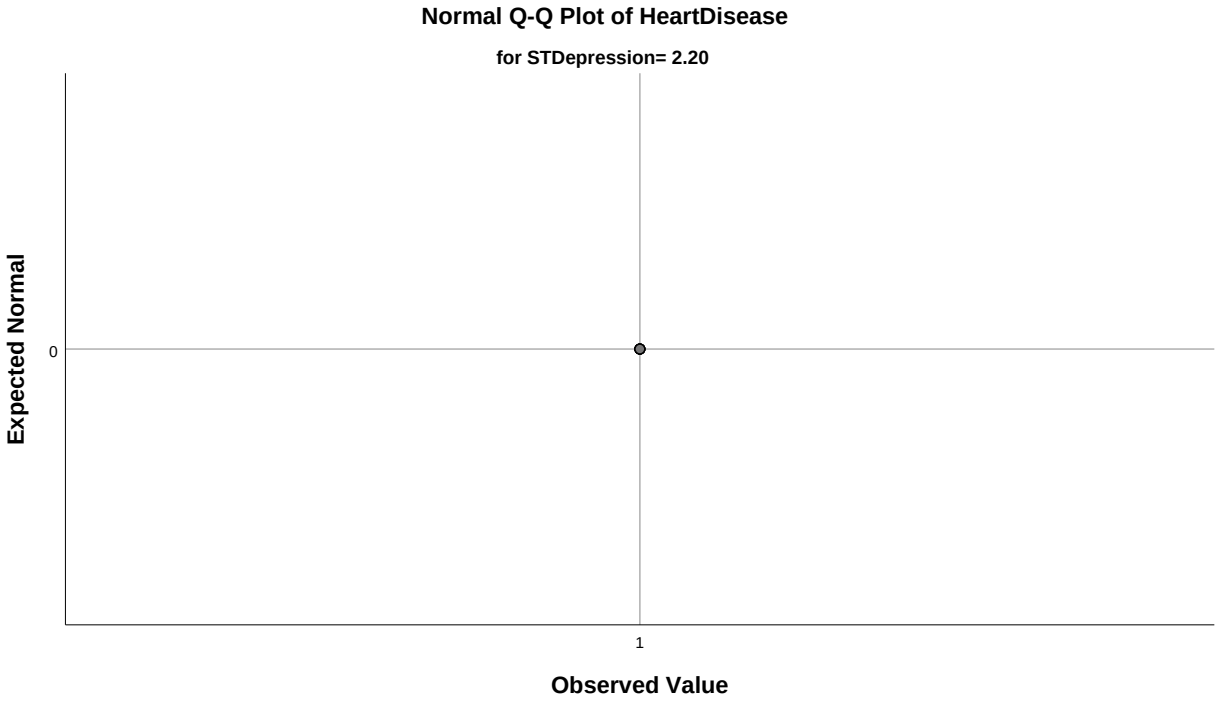

Normal Q-Q Plot of HeartDisease
for STDepression= 1.50
Expected Normal
2
1
0
-1
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

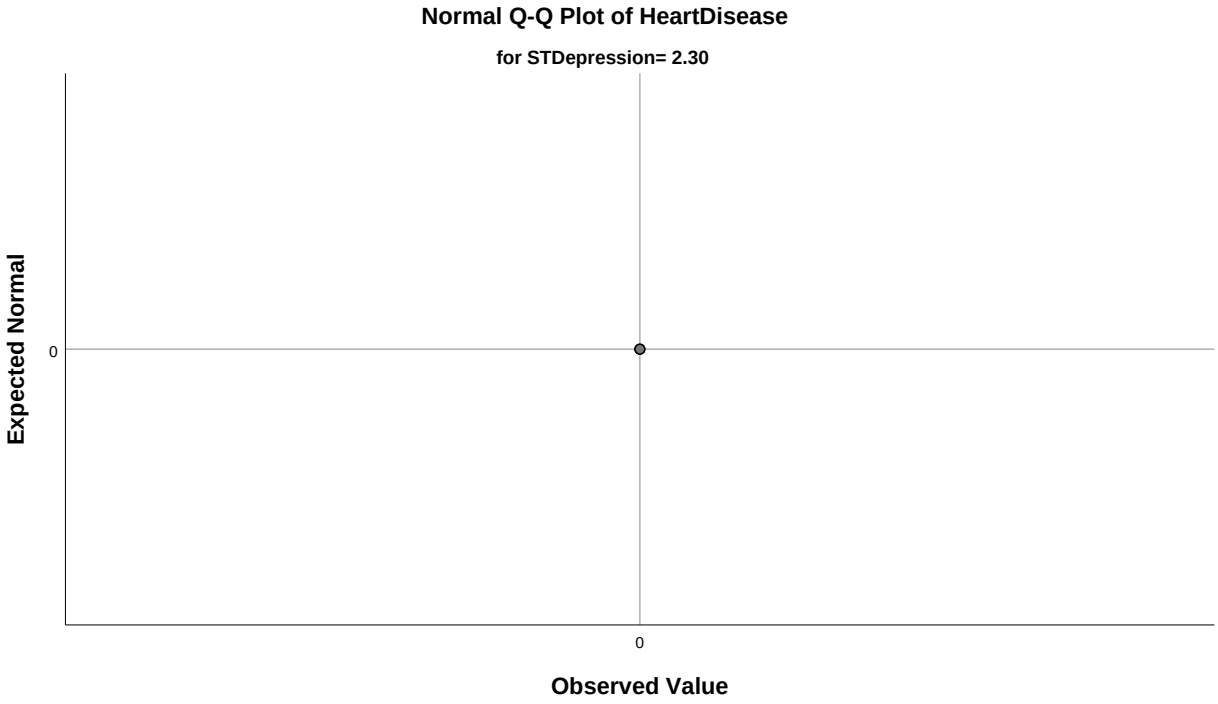

Normal Q-Q Plot of HeartDisease
for STDepression= 1.60
Expected Normal
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

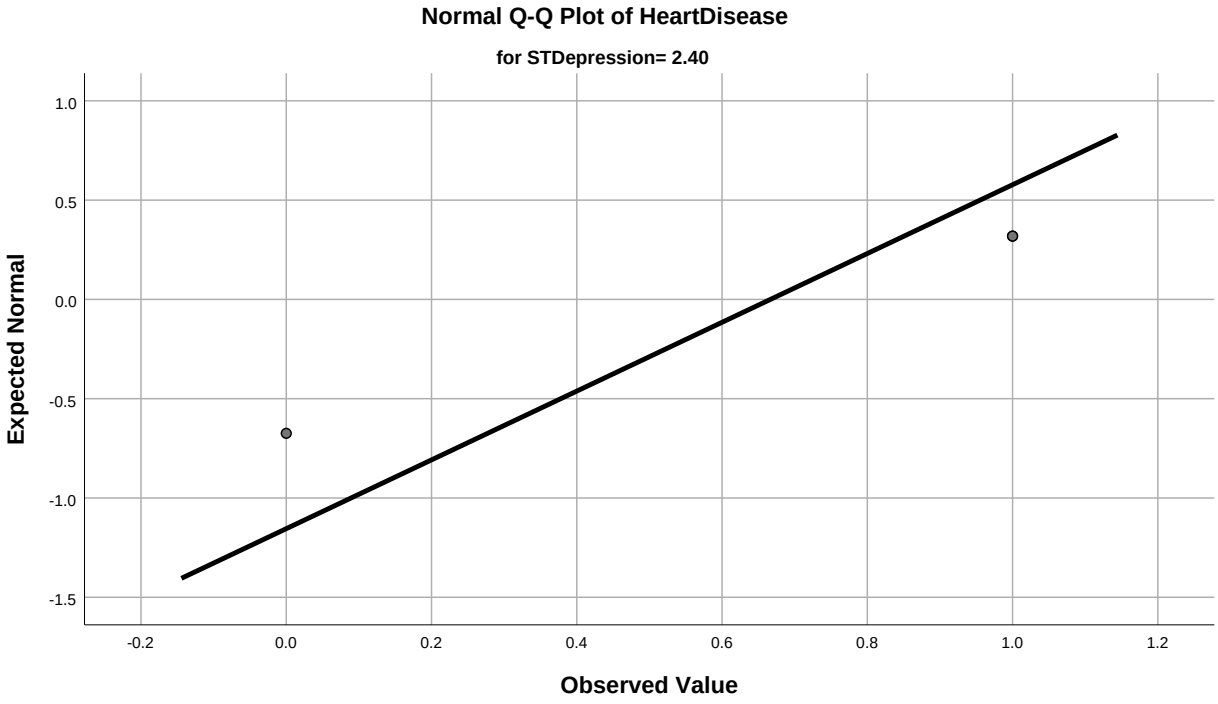

Normal Q-Q Plot of HeartDisease
for STDepression= 1.80
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

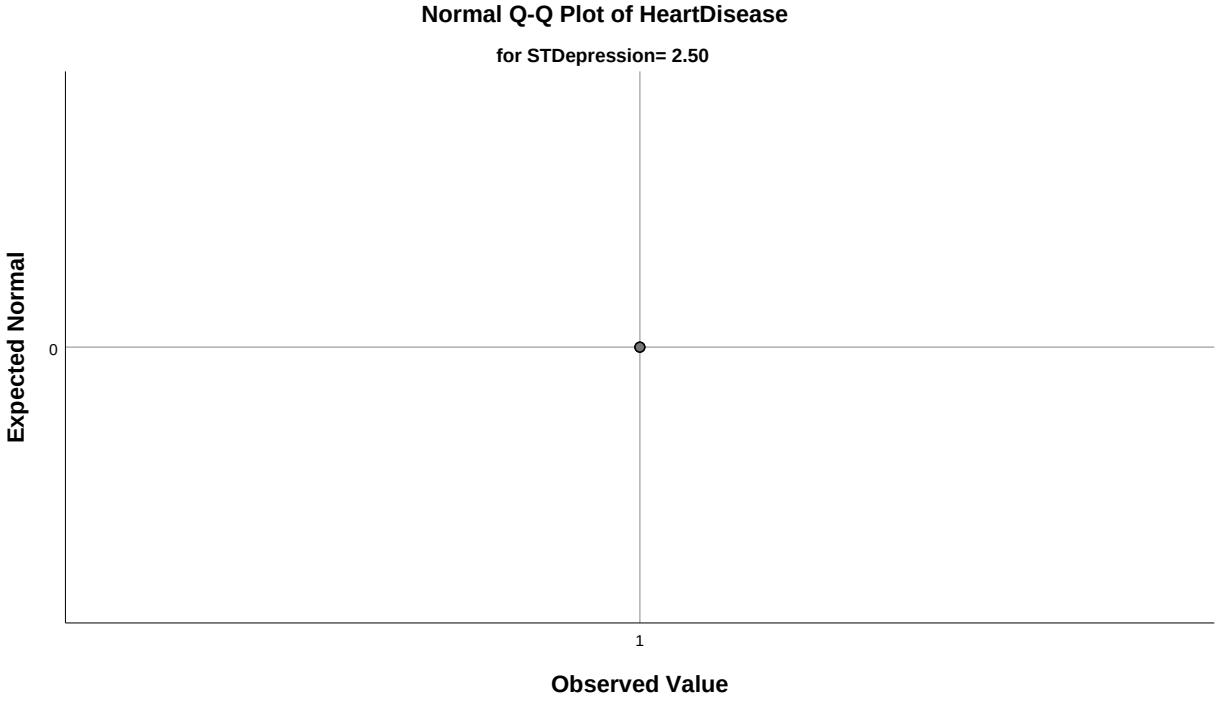

Normal Q-Q Plot of HeartDisease
for STDepression= 1.90
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

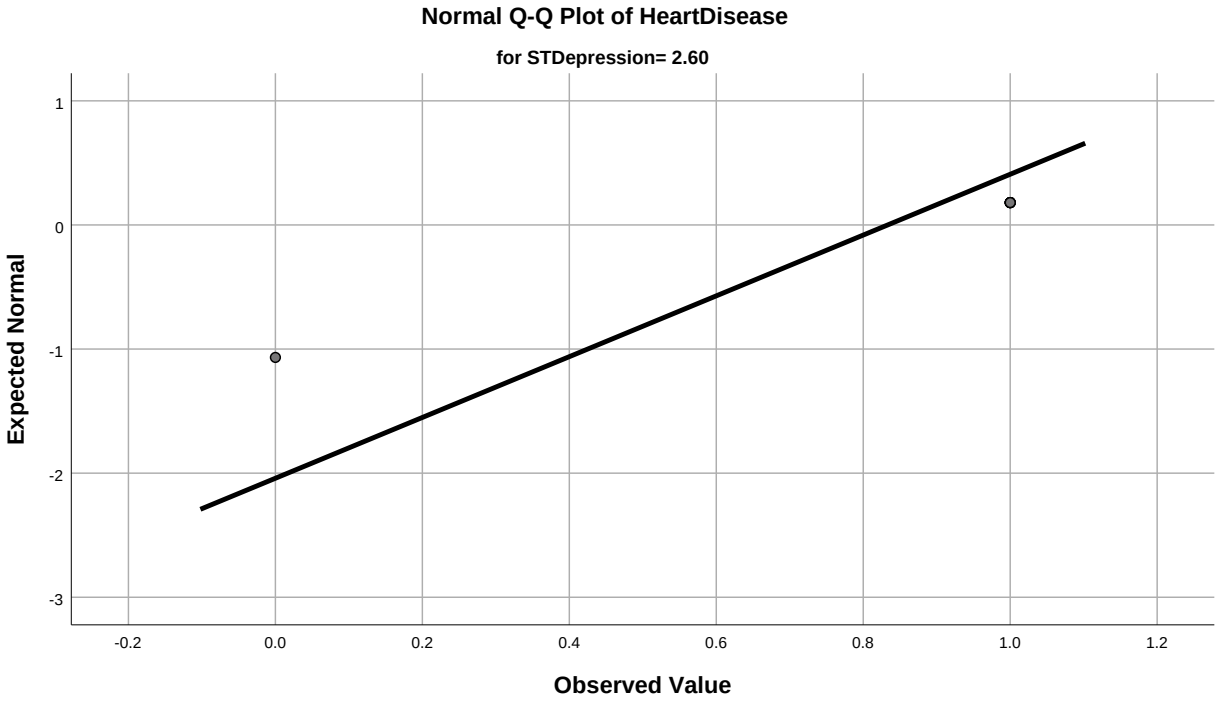

Normal Q-Q Plot of HeartDisease
for STDepression= 2.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

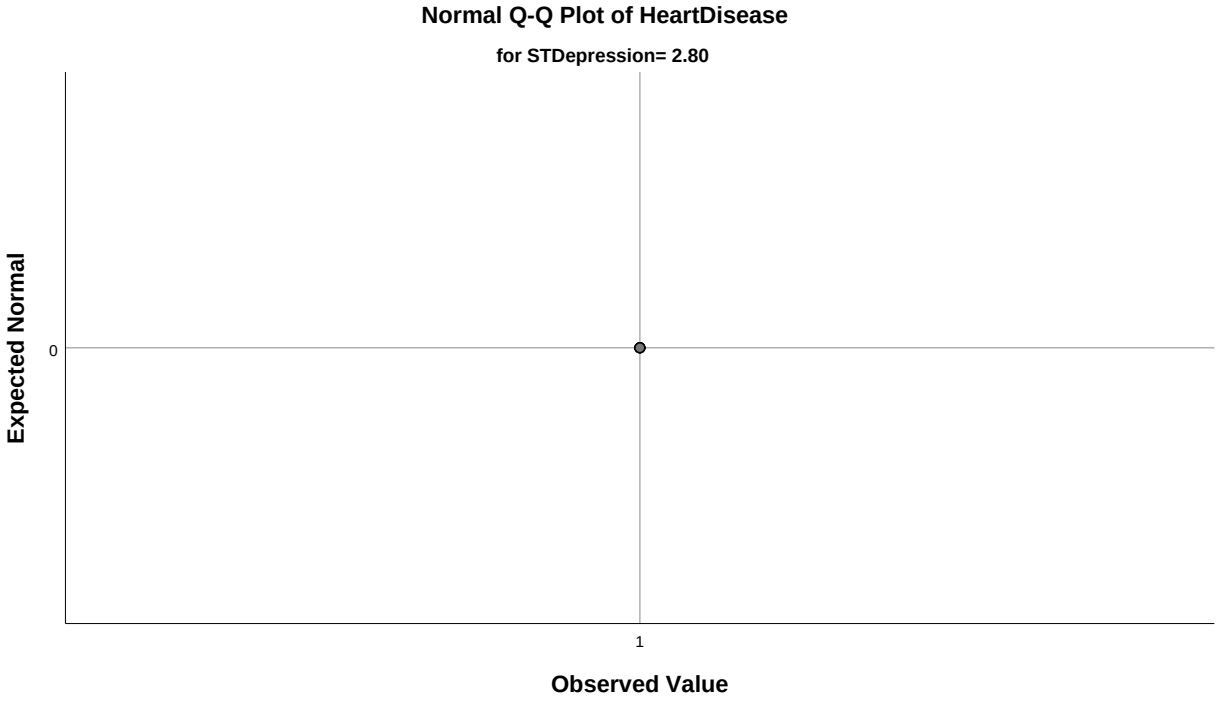

Normal Q-Q Plot of HeartDisease
for STDepression= 2.20
Expected Normal
0
1
Observed Value

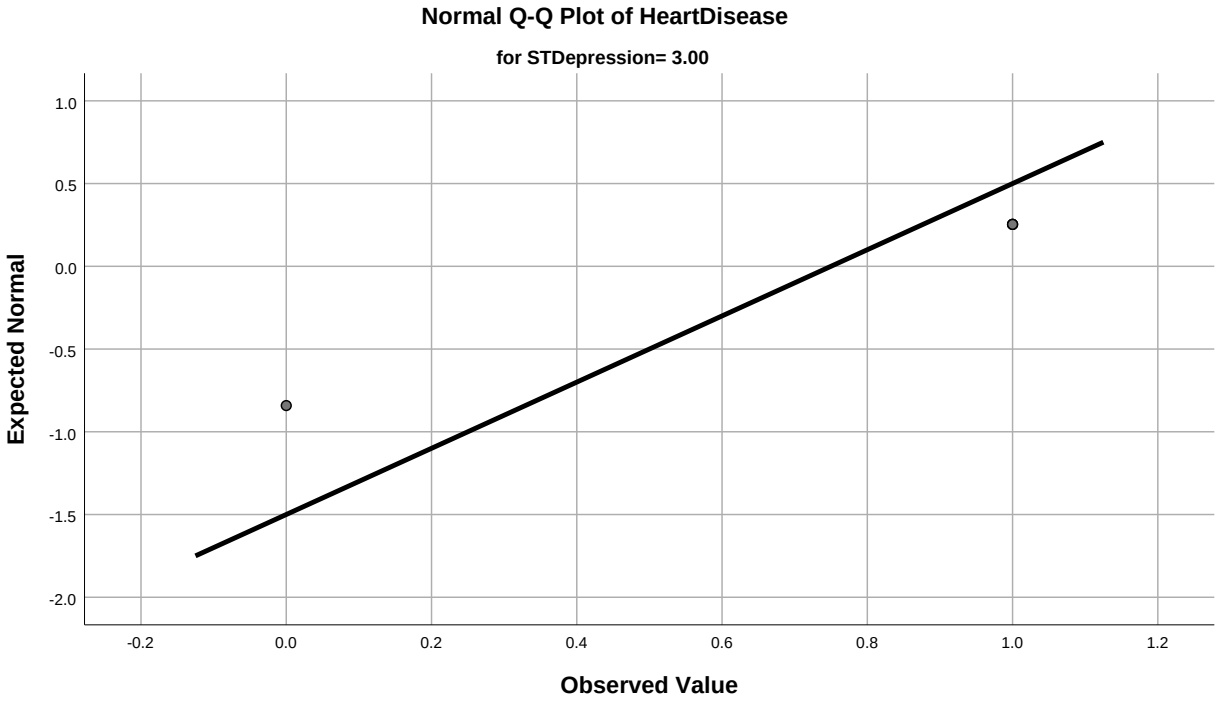

Normal Q-Q Plot of HeartDisease
for STDepression= 2.30
Expected Normal
0
0
Observed Value

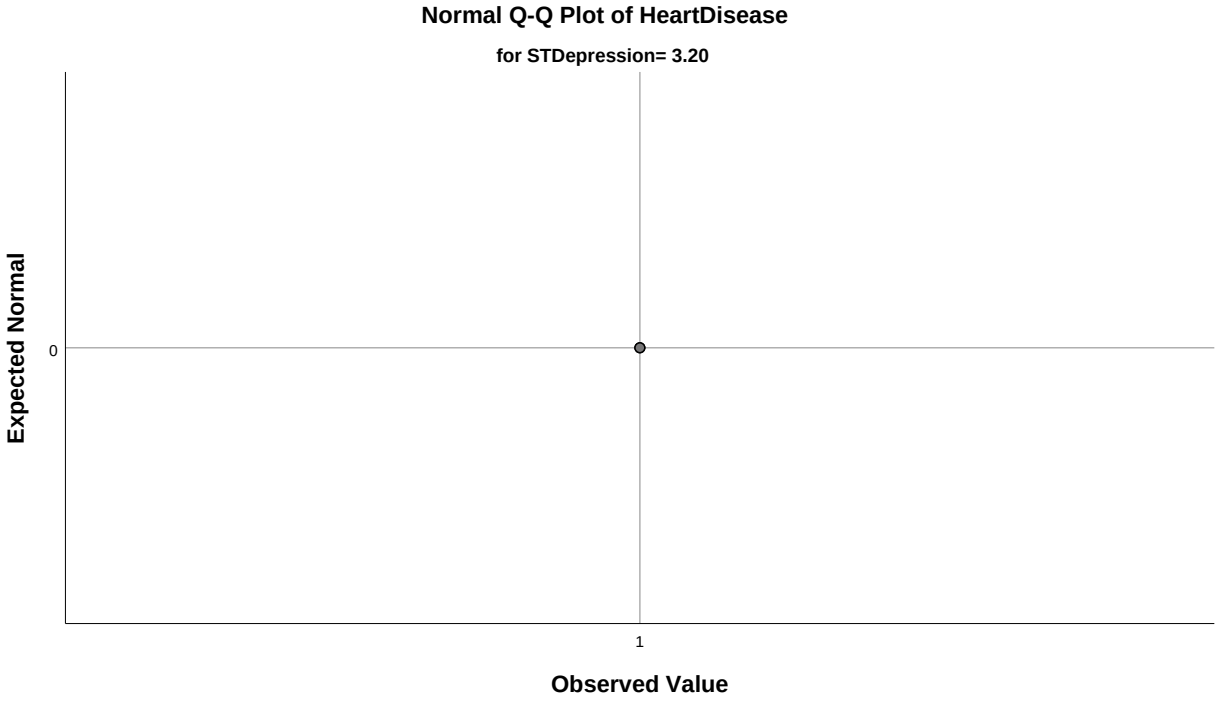

Normal Q-Q Plot of HeartDisease
for STDepression= 2.40
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

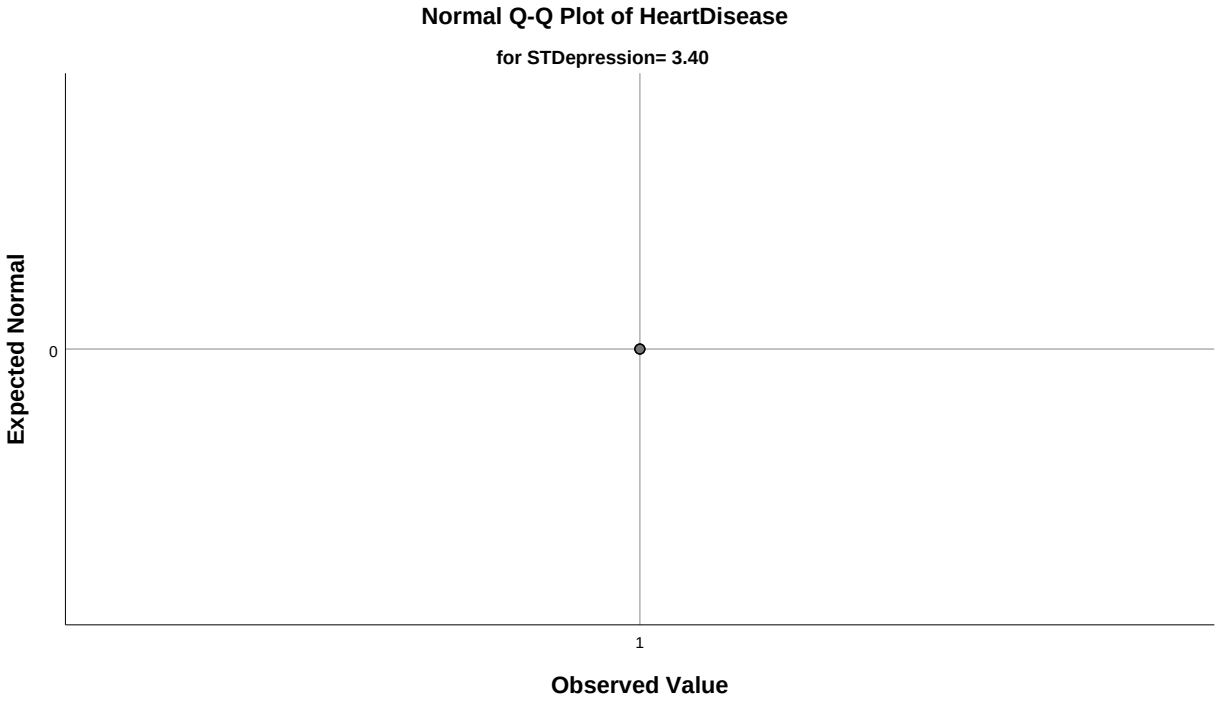

Normal Q-Q Plot of HeartDisease
for STDepression= 2.50
Expected Normal
0
1
Observed Value

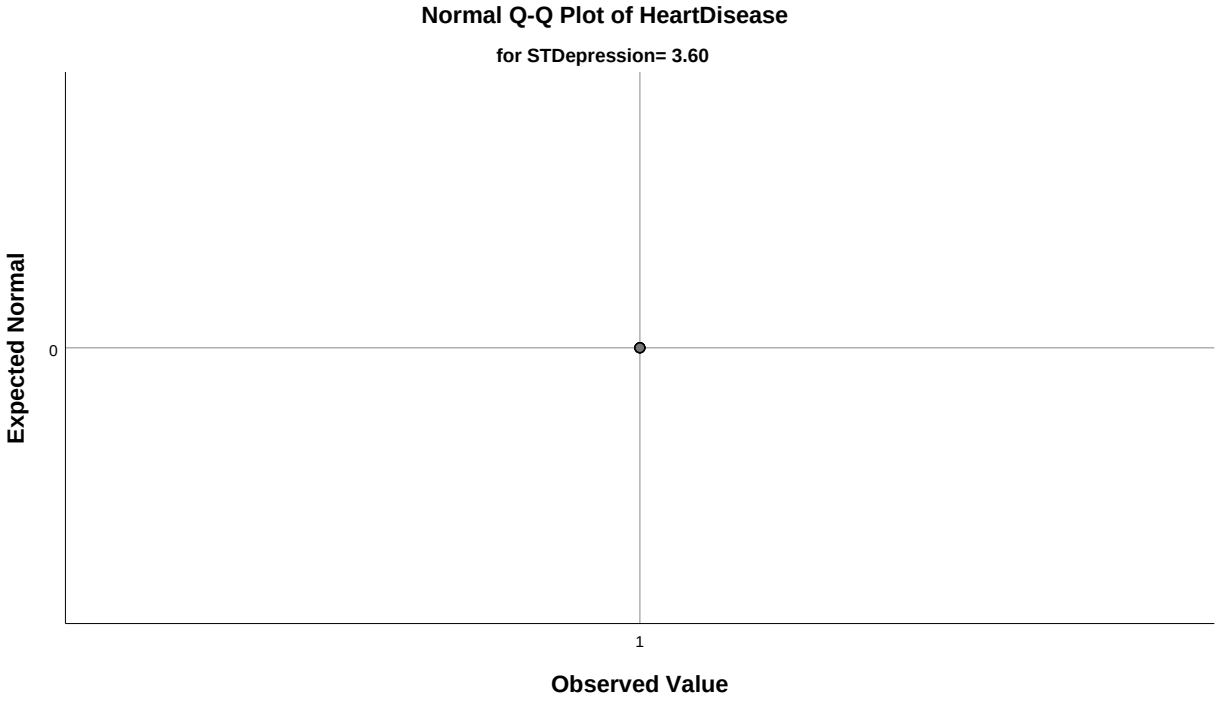

Normal Q-Q Plot of HeartDisease
for STDepression= 2.60
Expected Normal
1
0
-1
-2
-3
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

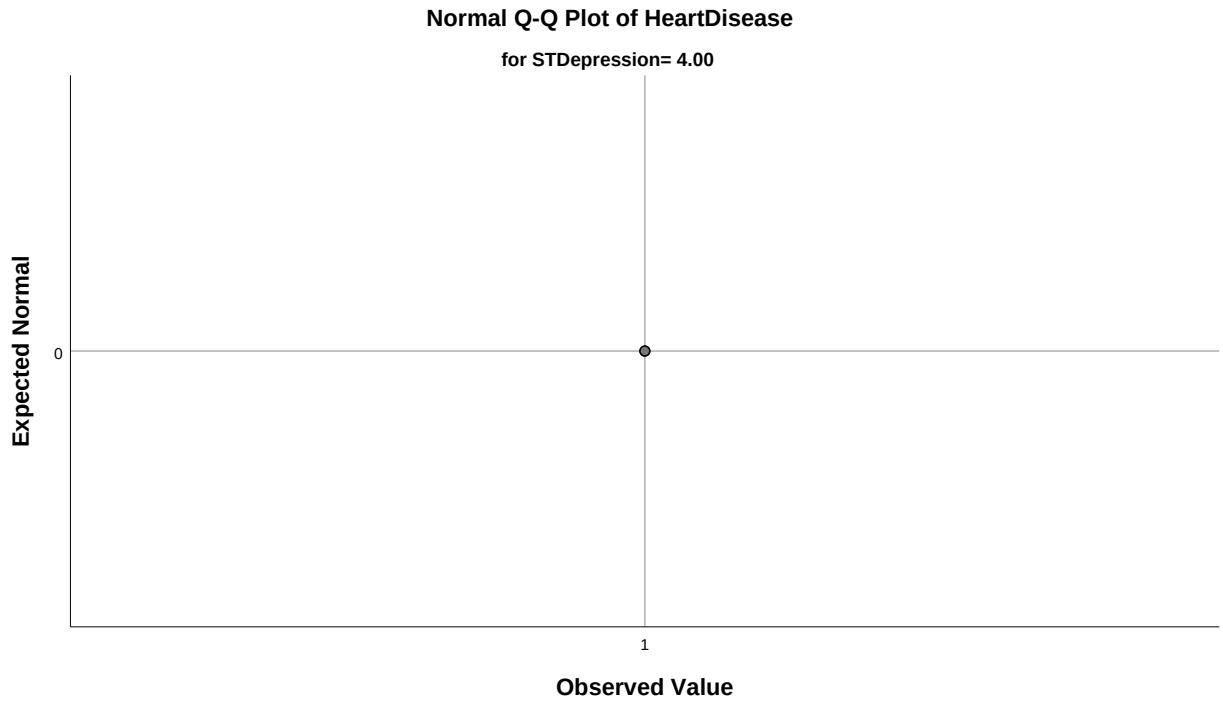

Normal Q-Q Plot of HeartDisease
for STDepression= 2.80
Expected Normal
0
1
Observed Value

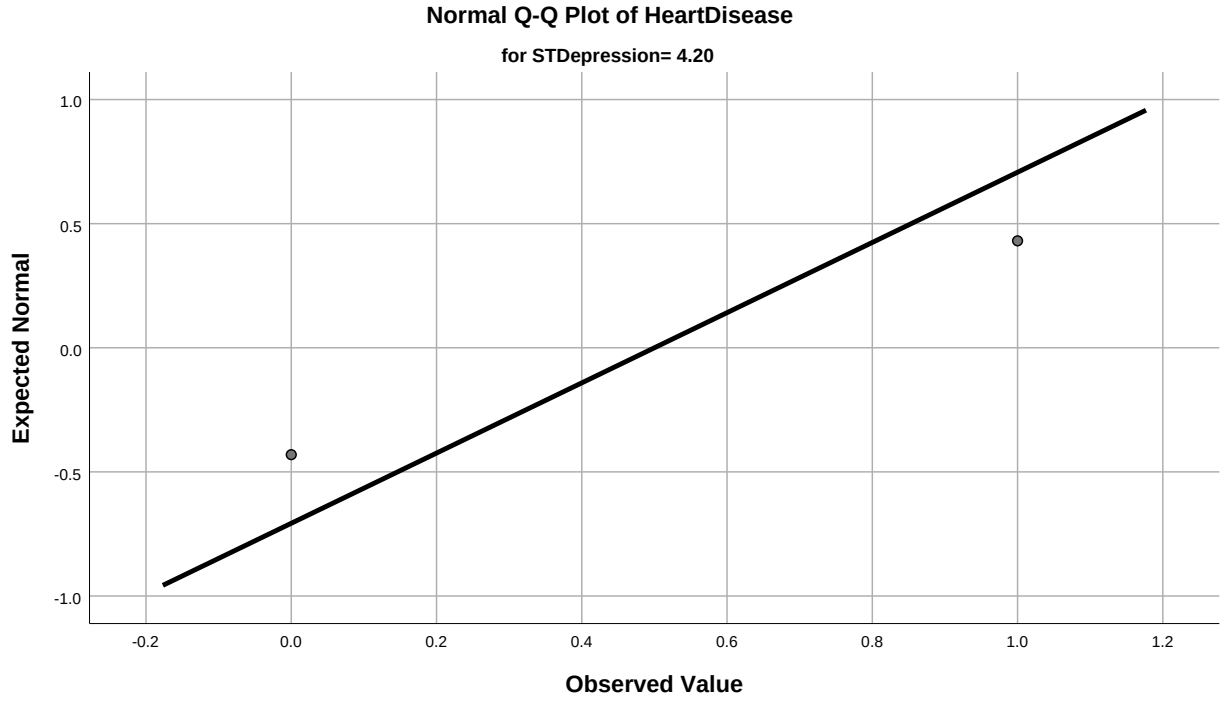

Normal Q-Q Plot of HeartDisease
for STDepression= 3.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value


Normal Q-Q Plot of HeartDisease
for STDepression= 3.20
Expected Normal
0
1
Observed Value

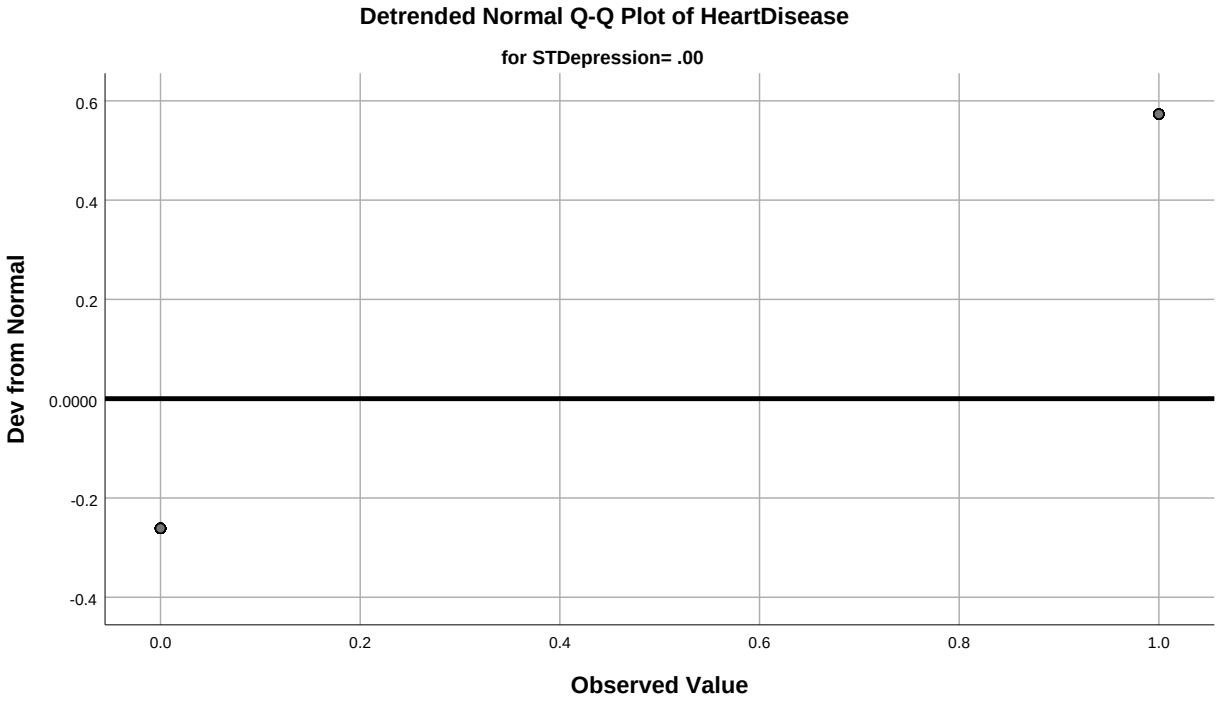

Normal Q-Q Plot of HeartDisease
for STDepression= 3.40
Expected Normal
0
1
Observed Value

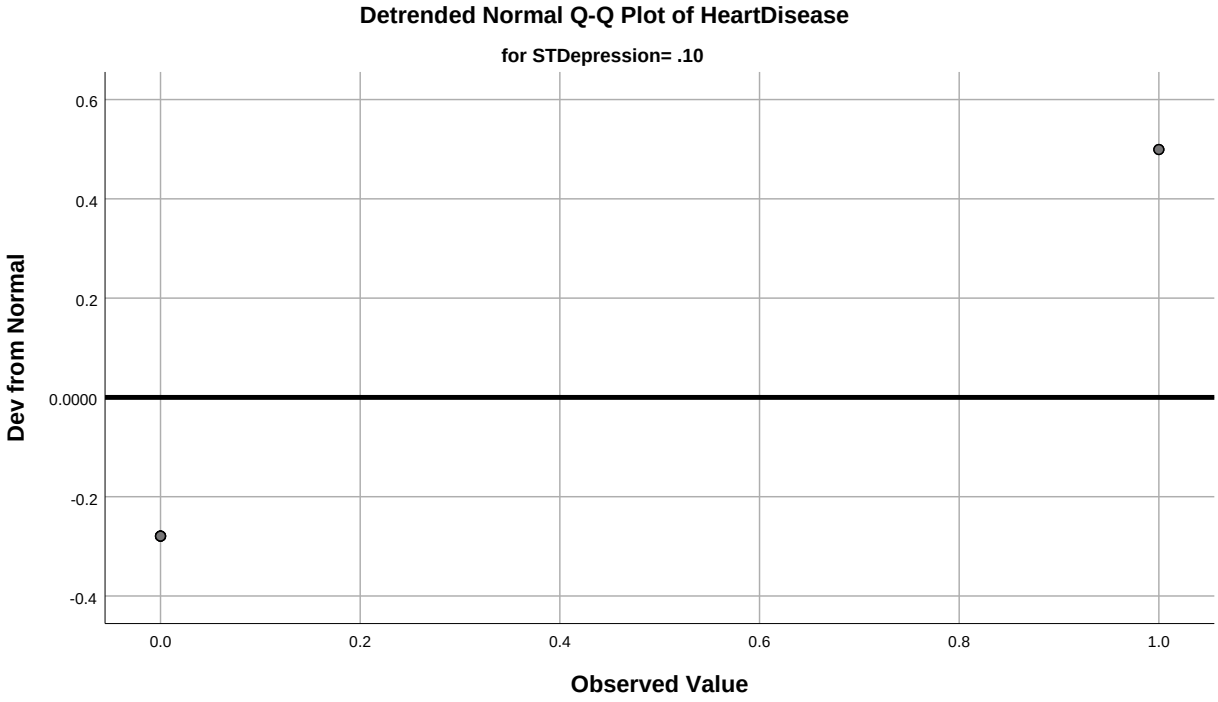

Normal Q-Q Plot of HeartDisease
for STDepression= 3.60
Expected Normal
0
1
Observed Value

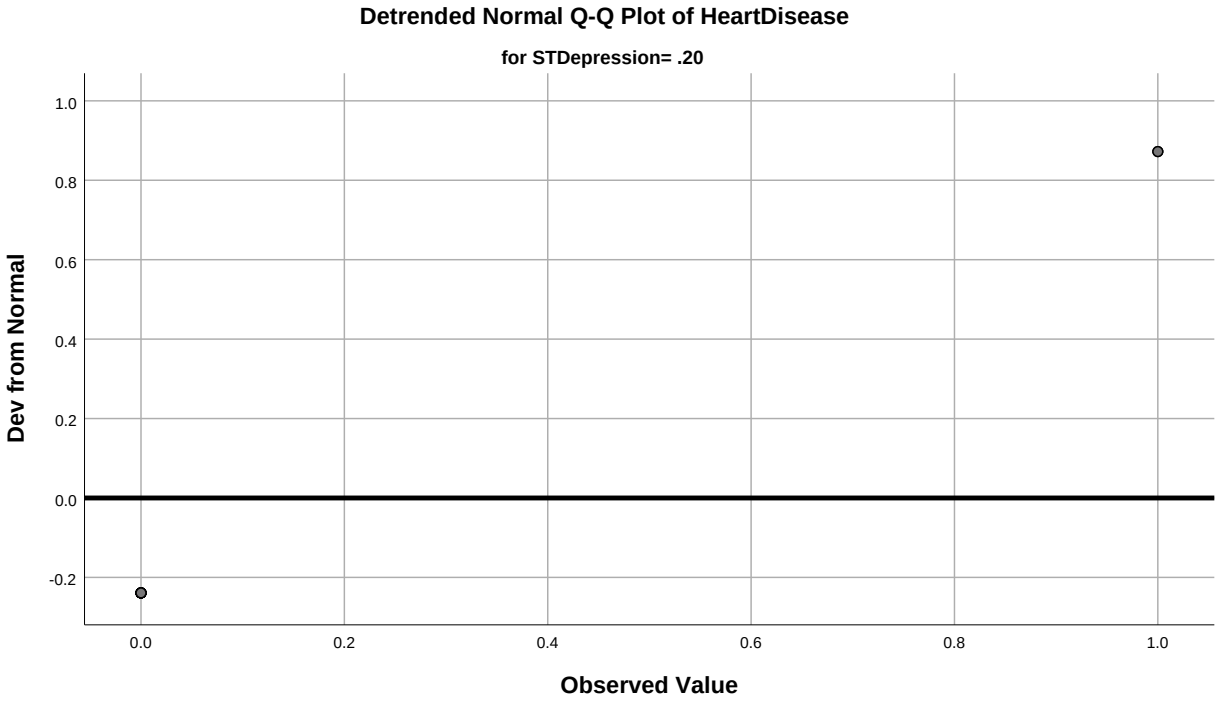


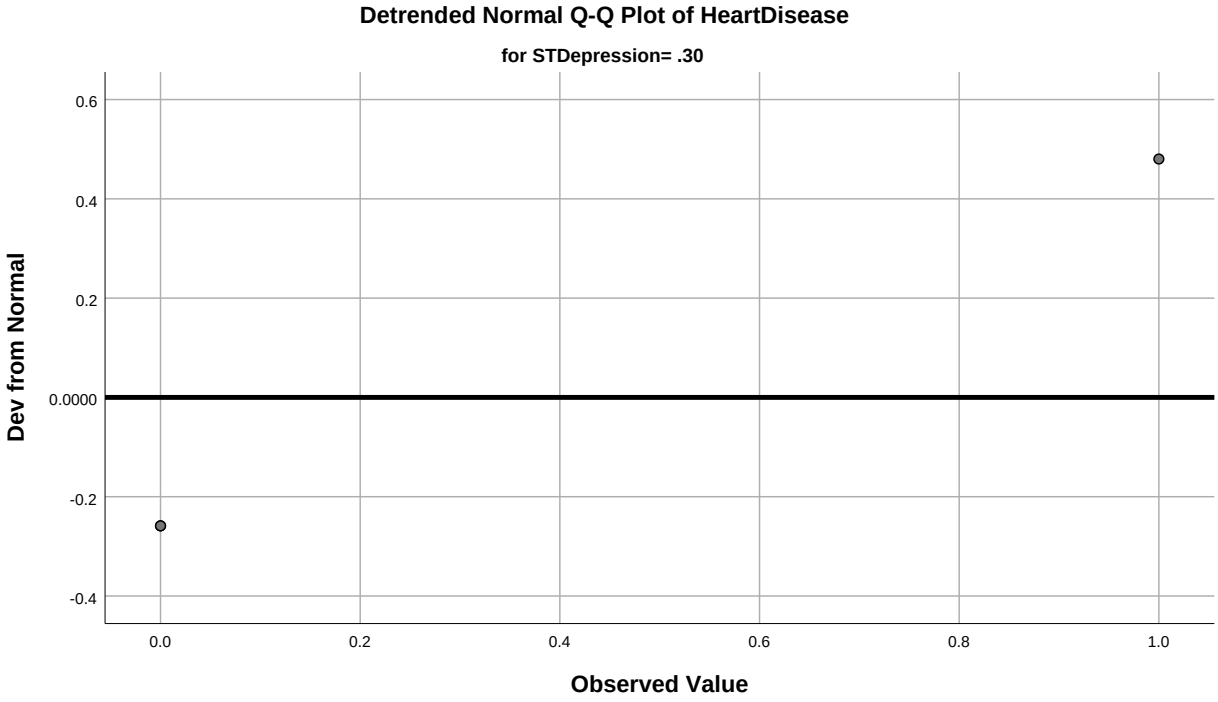


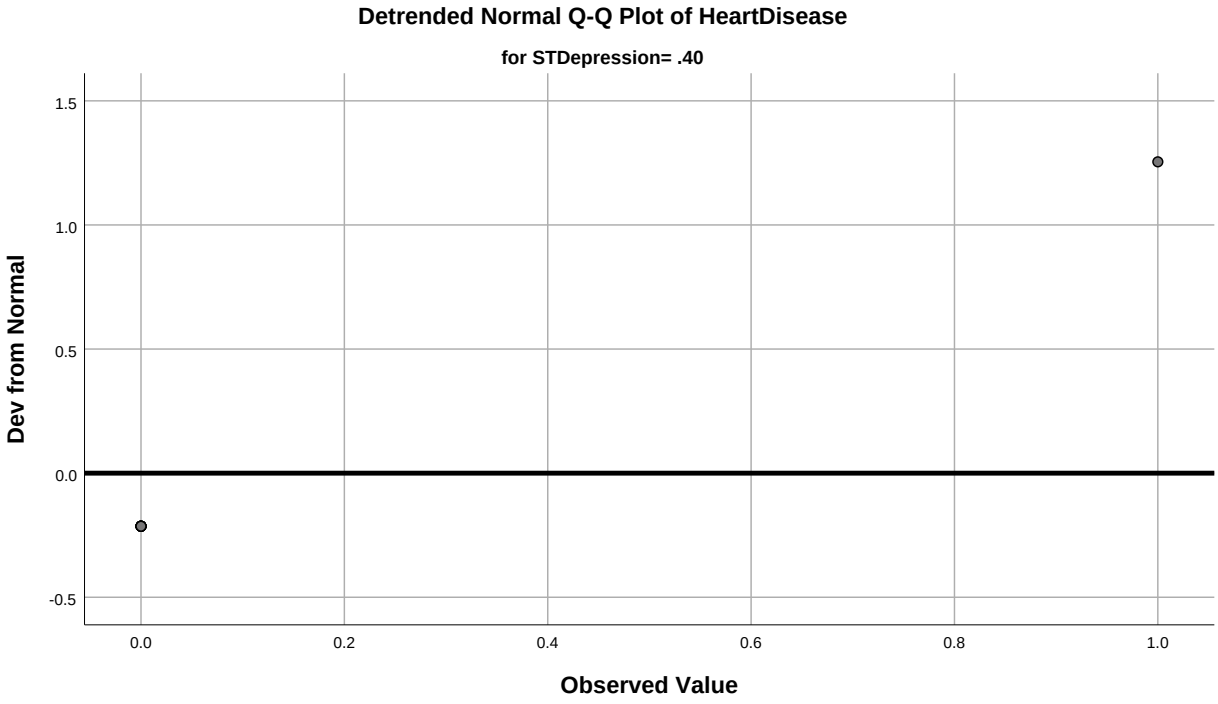
Detrended Normal Q-Q Plots

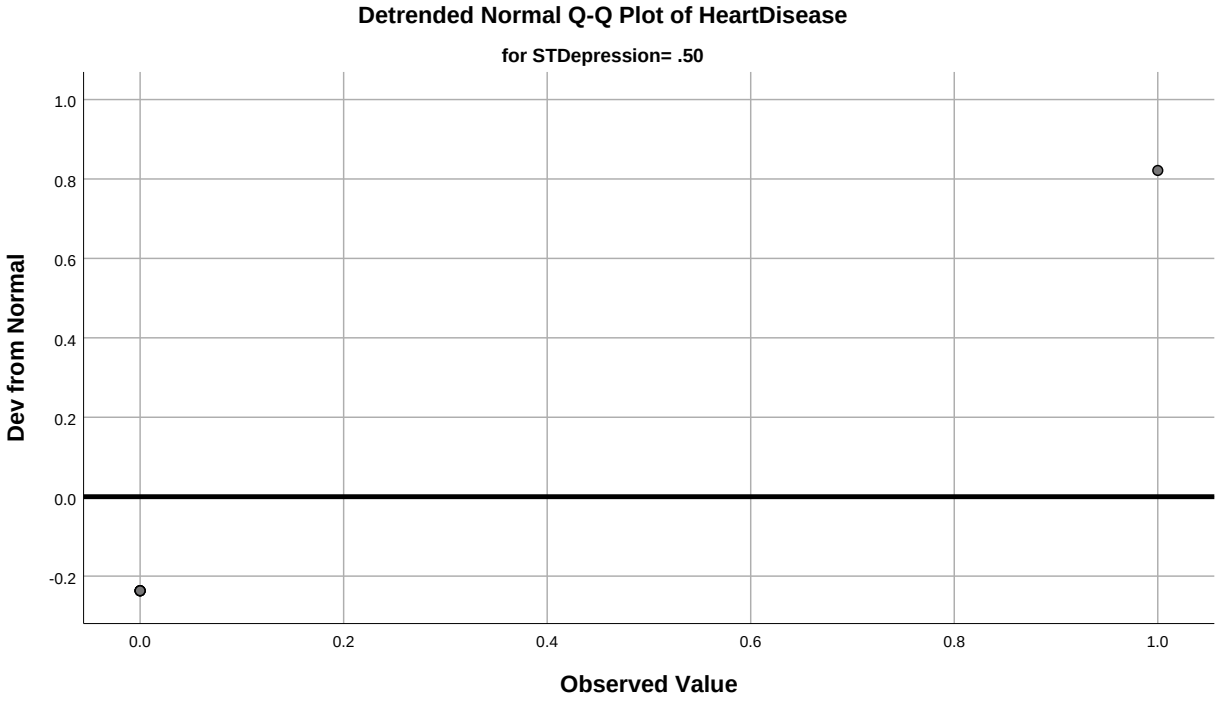

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

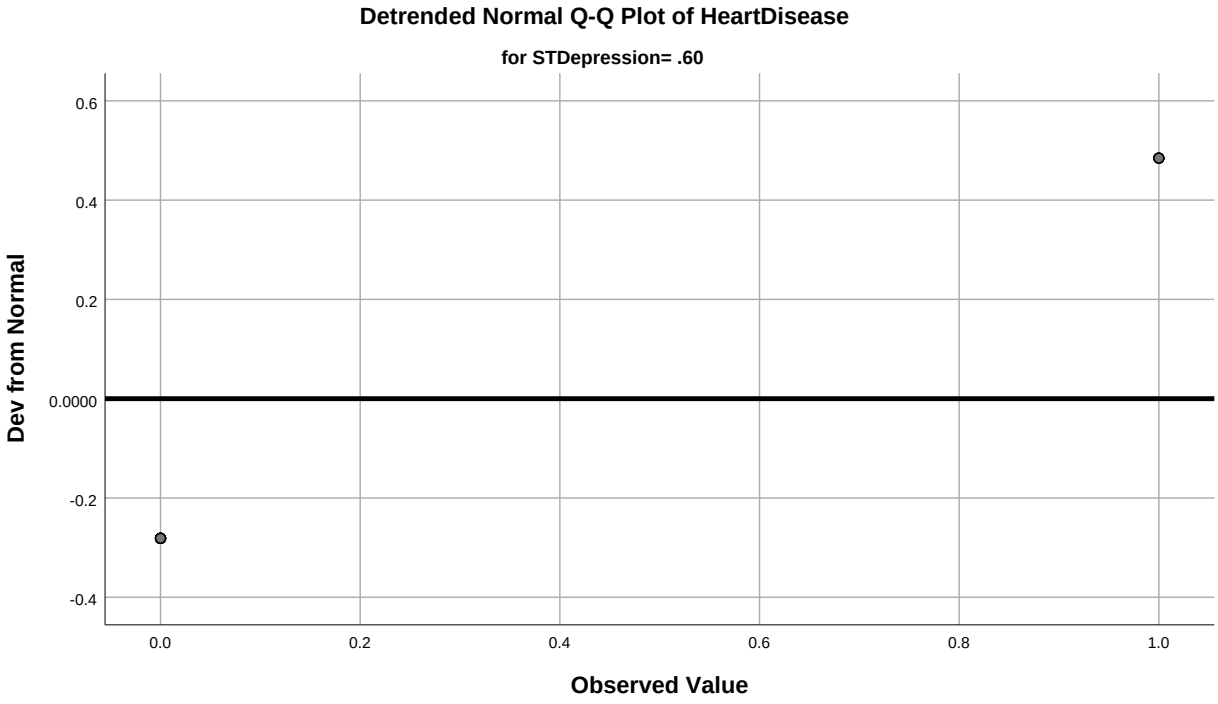

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .10
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

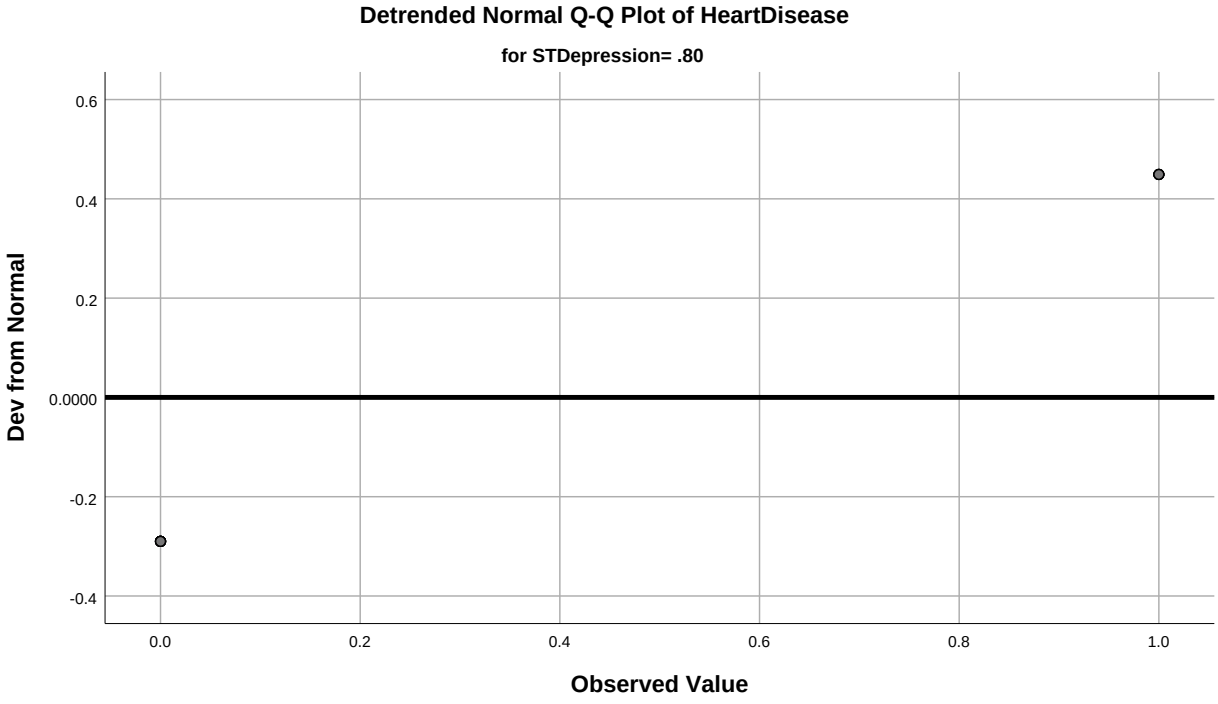

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .20
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

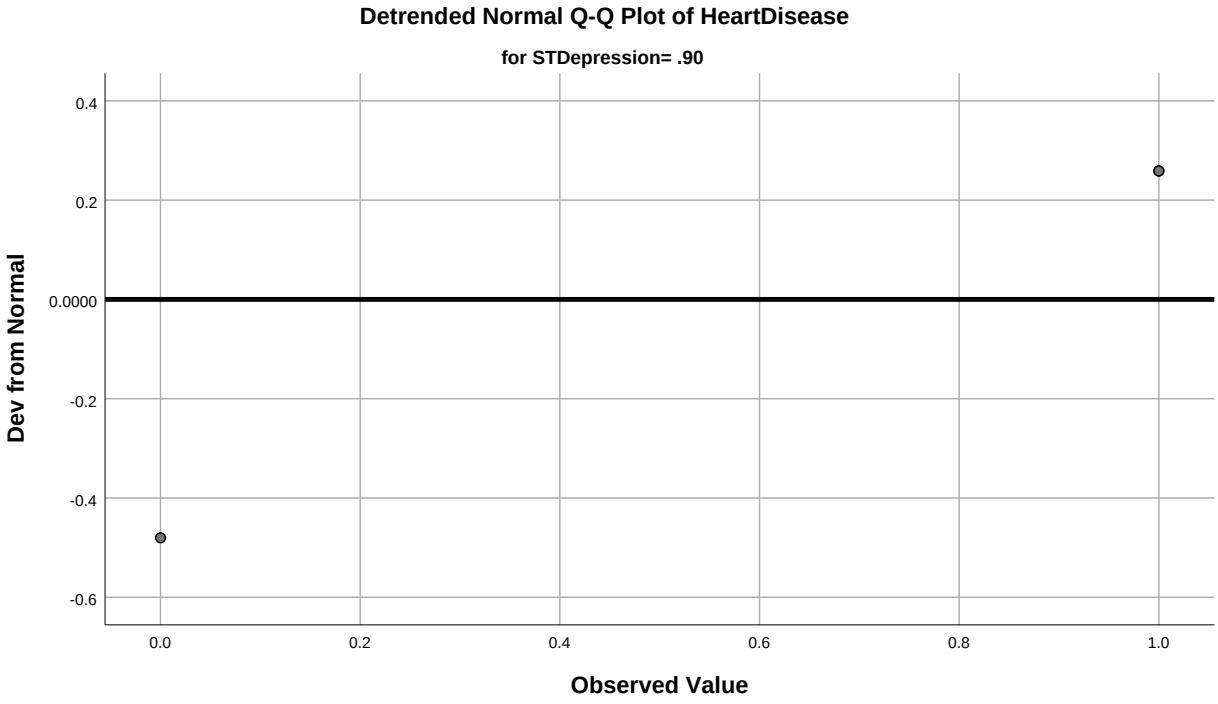

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .30
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

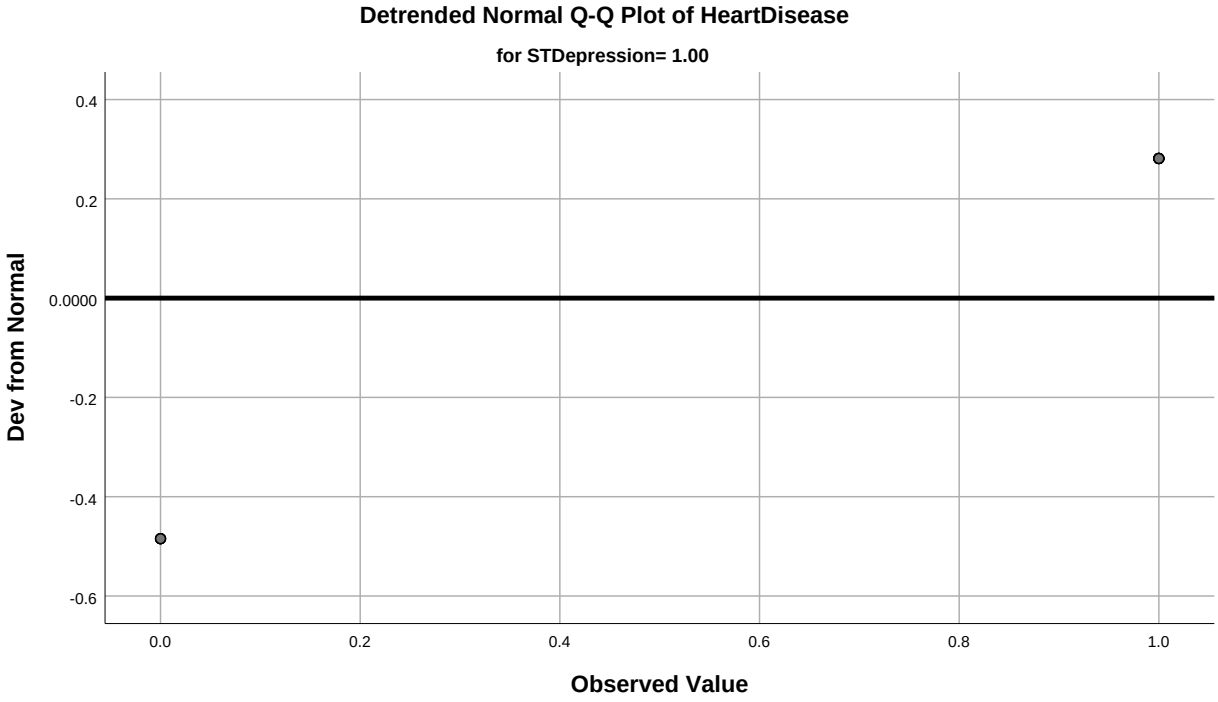

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .40
Dev from Normal
1.5
1.0
0.5
0.0
-0.5
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

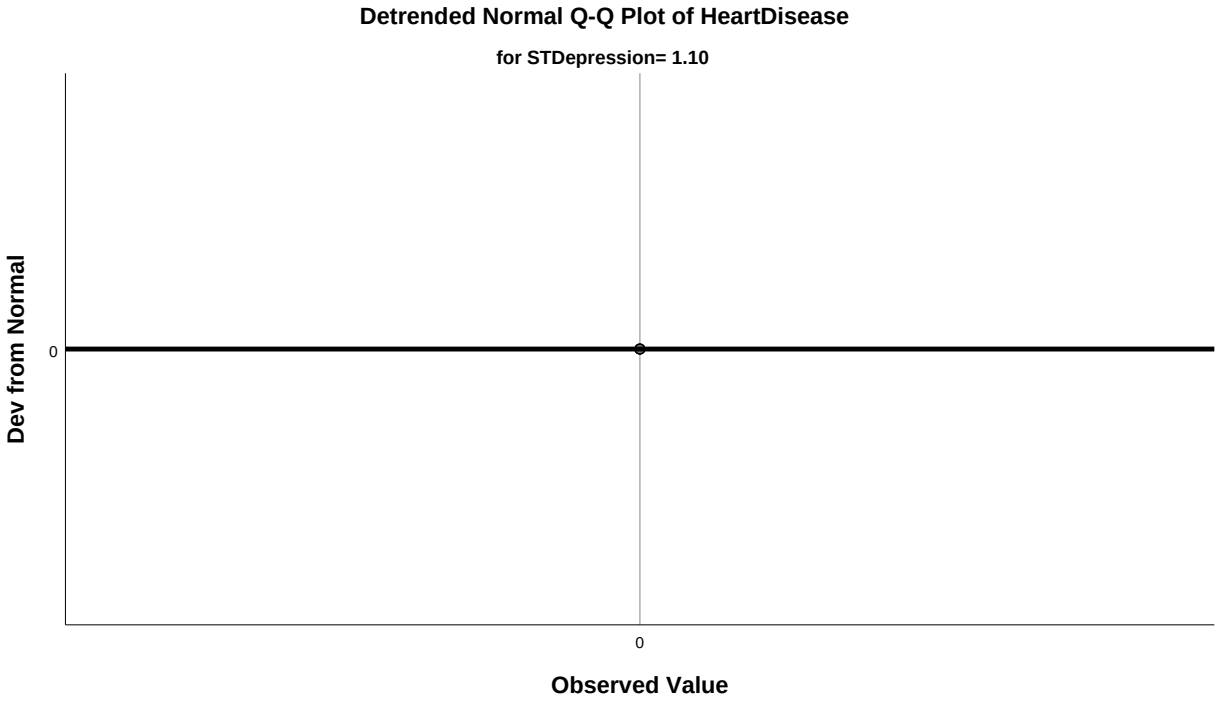

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .50
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

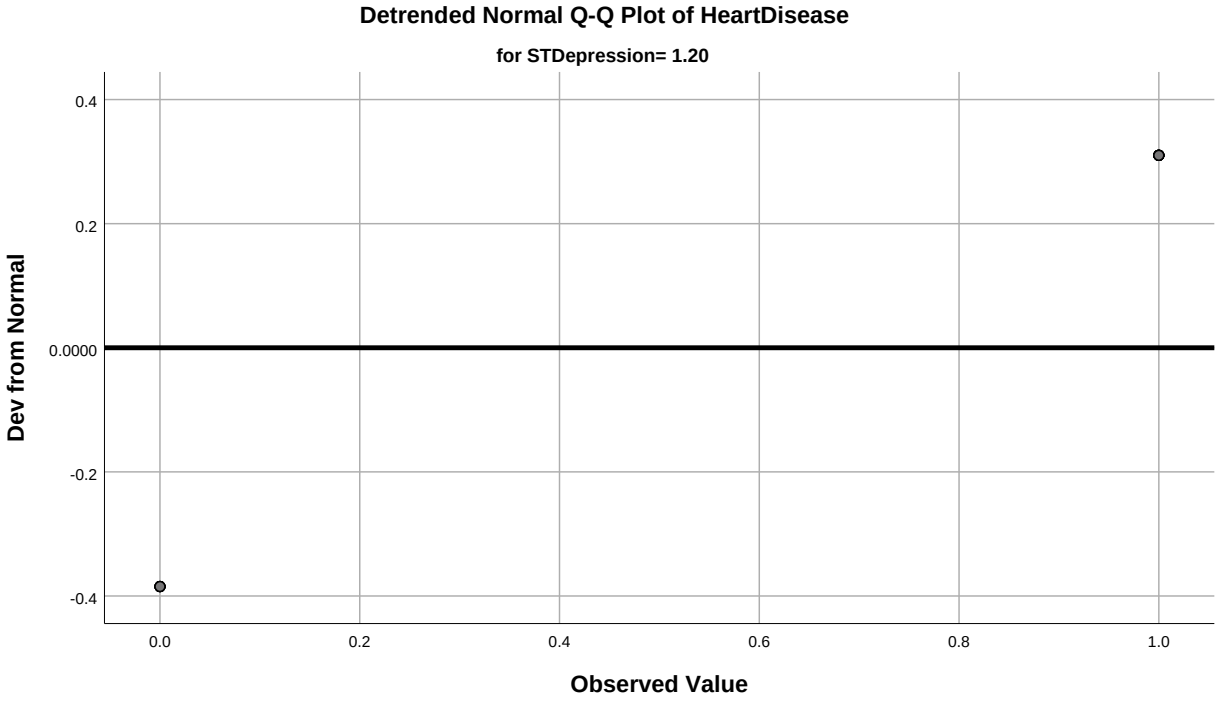

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .60
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

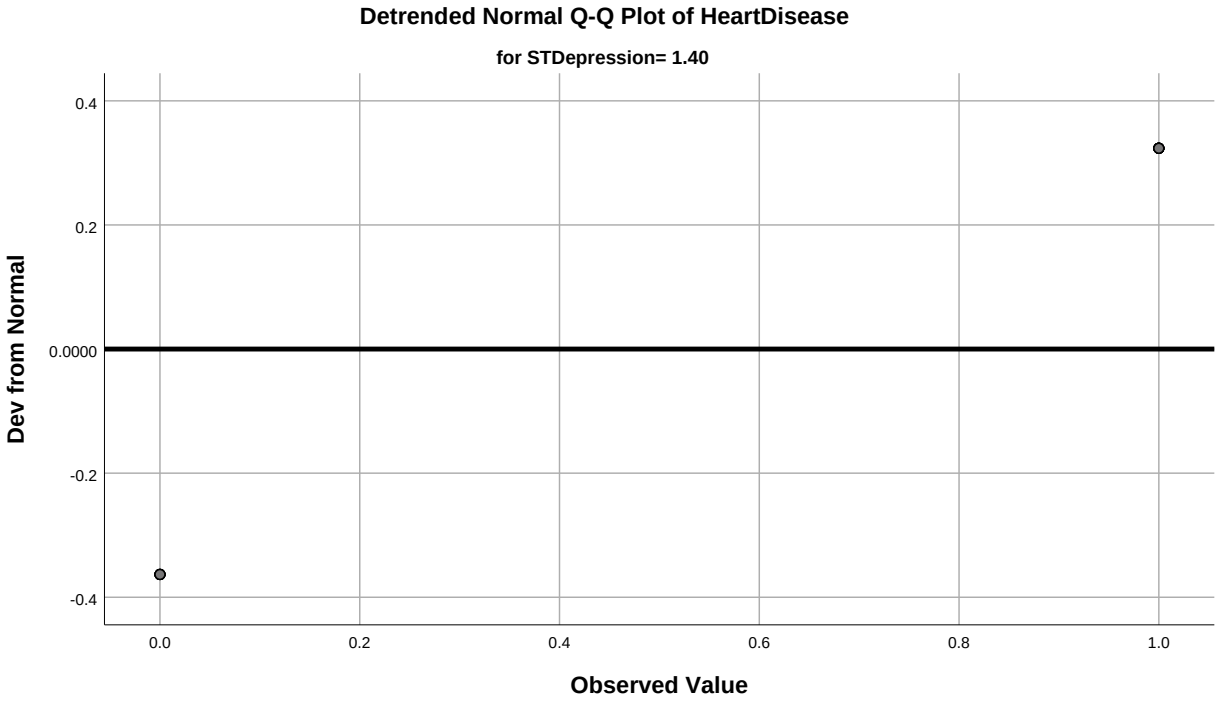

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .80
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

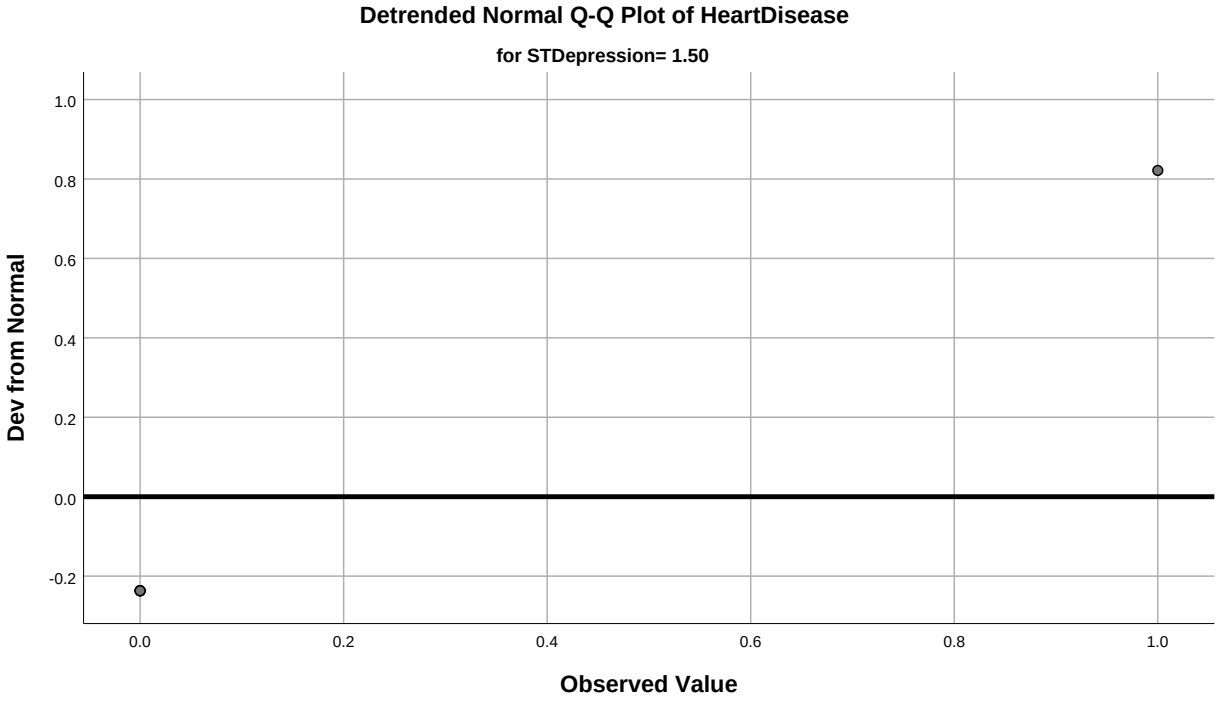

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= .90
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

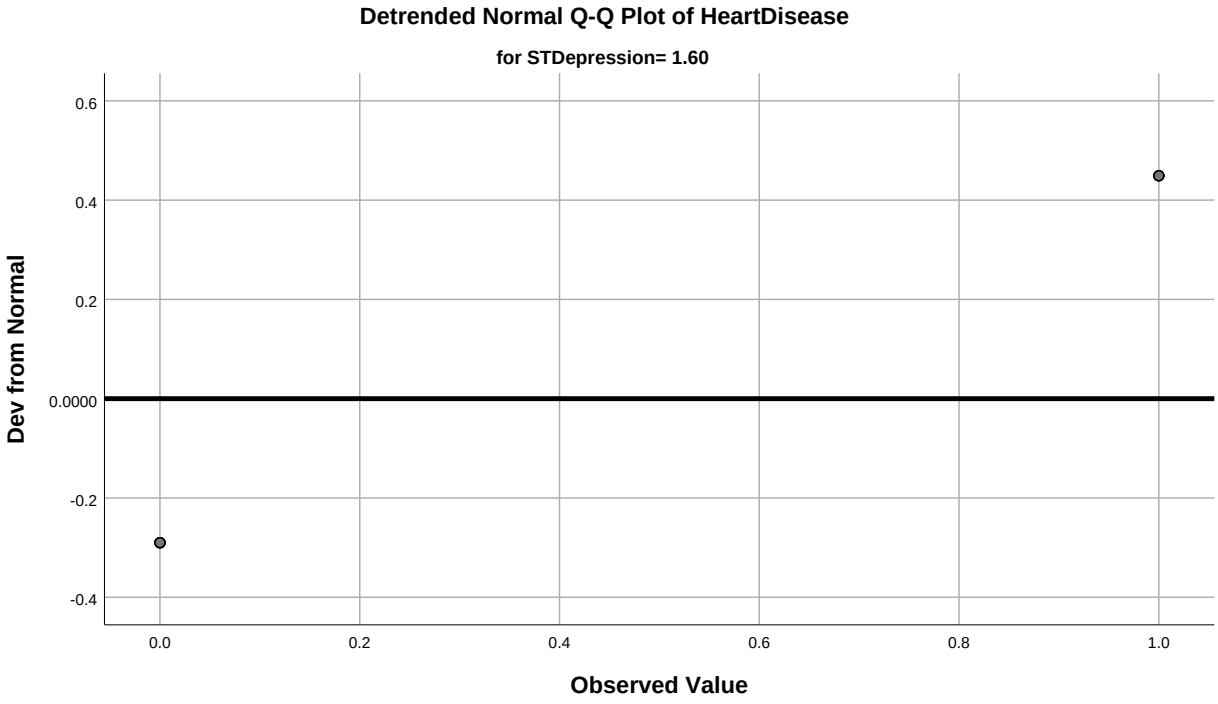

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

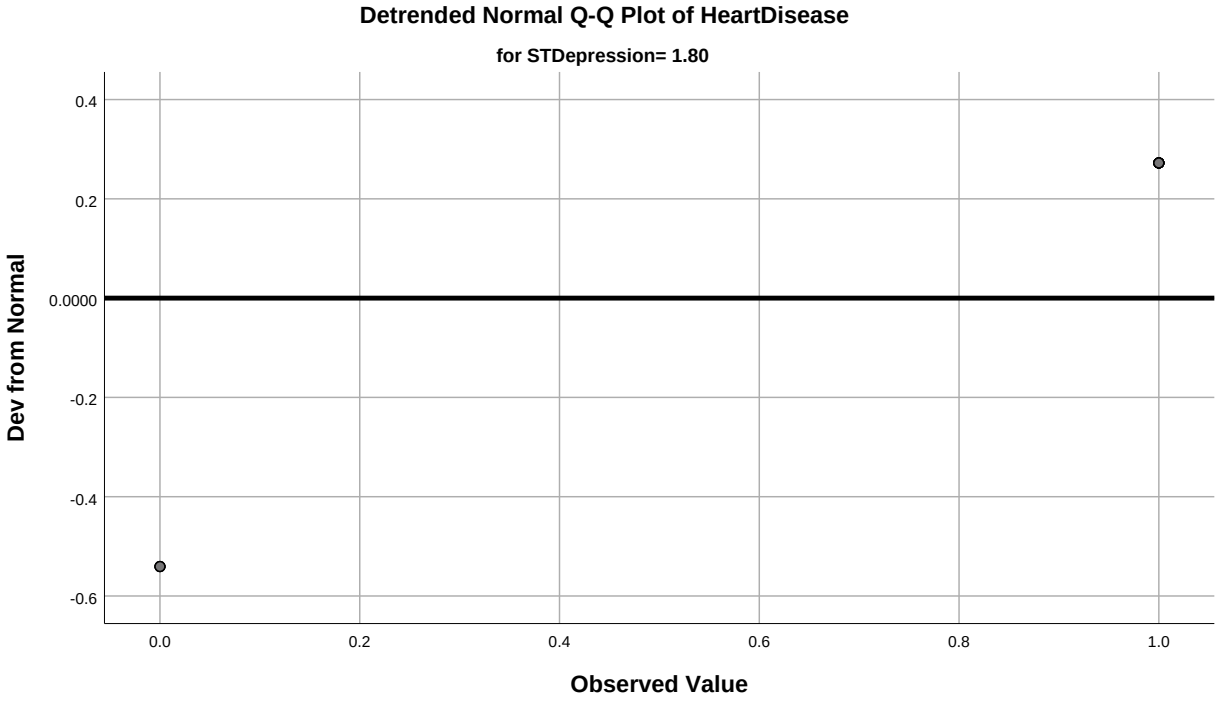

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.10
Dev from Normal
0
0
Observed Value

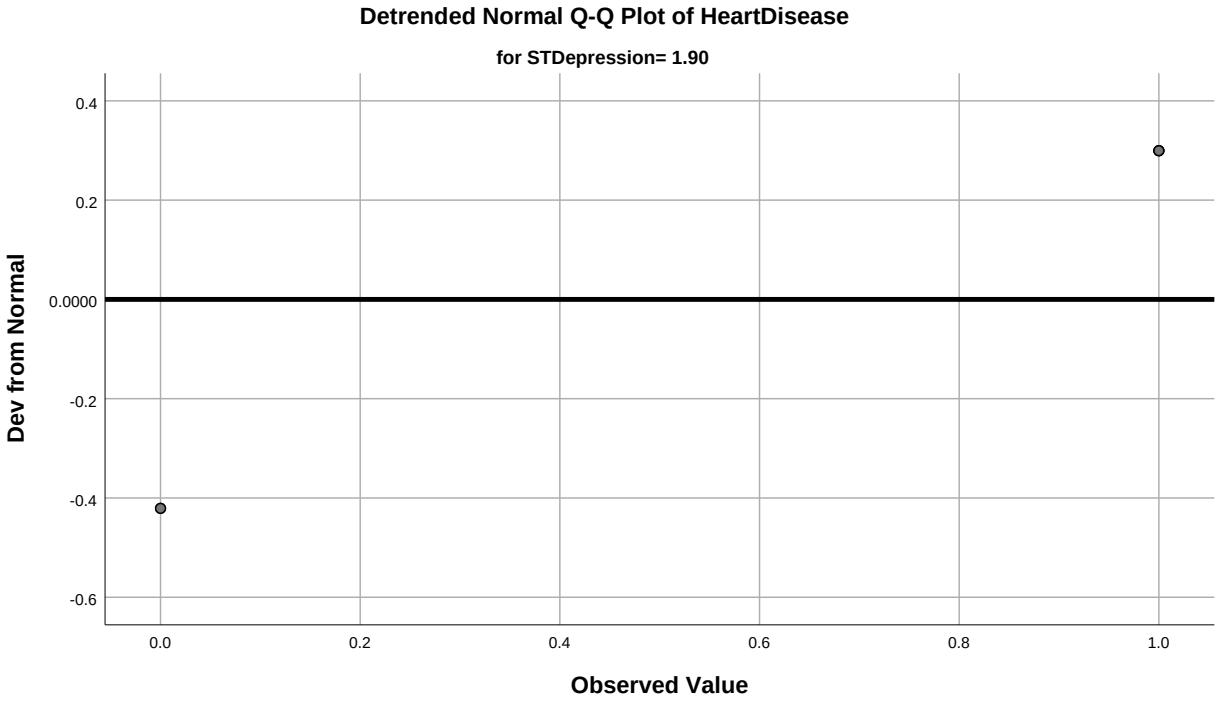

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.20
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

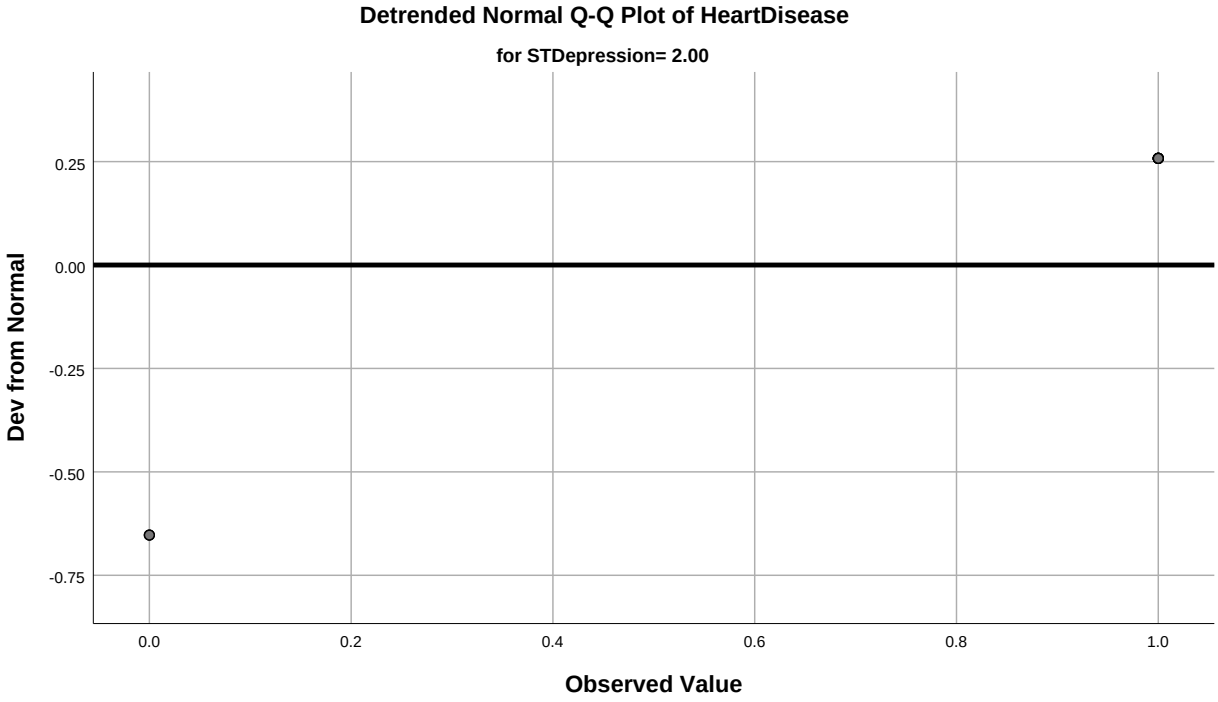

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.40
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

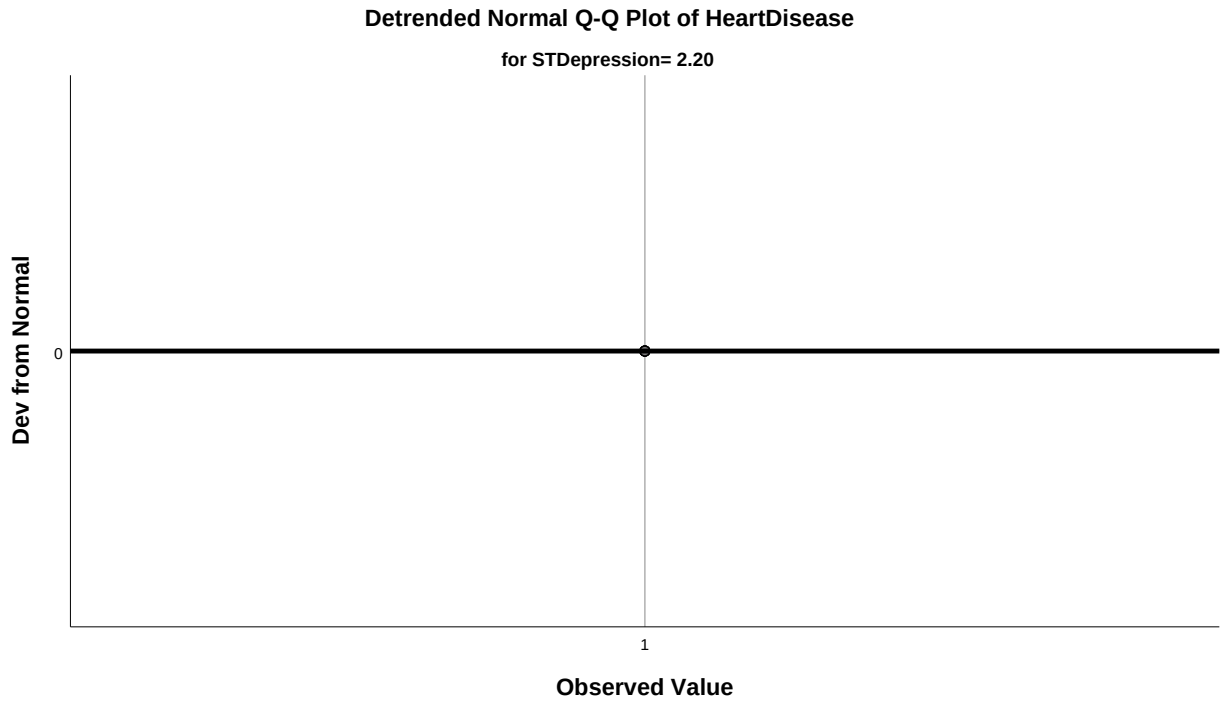

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.50
Dev from Normal
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

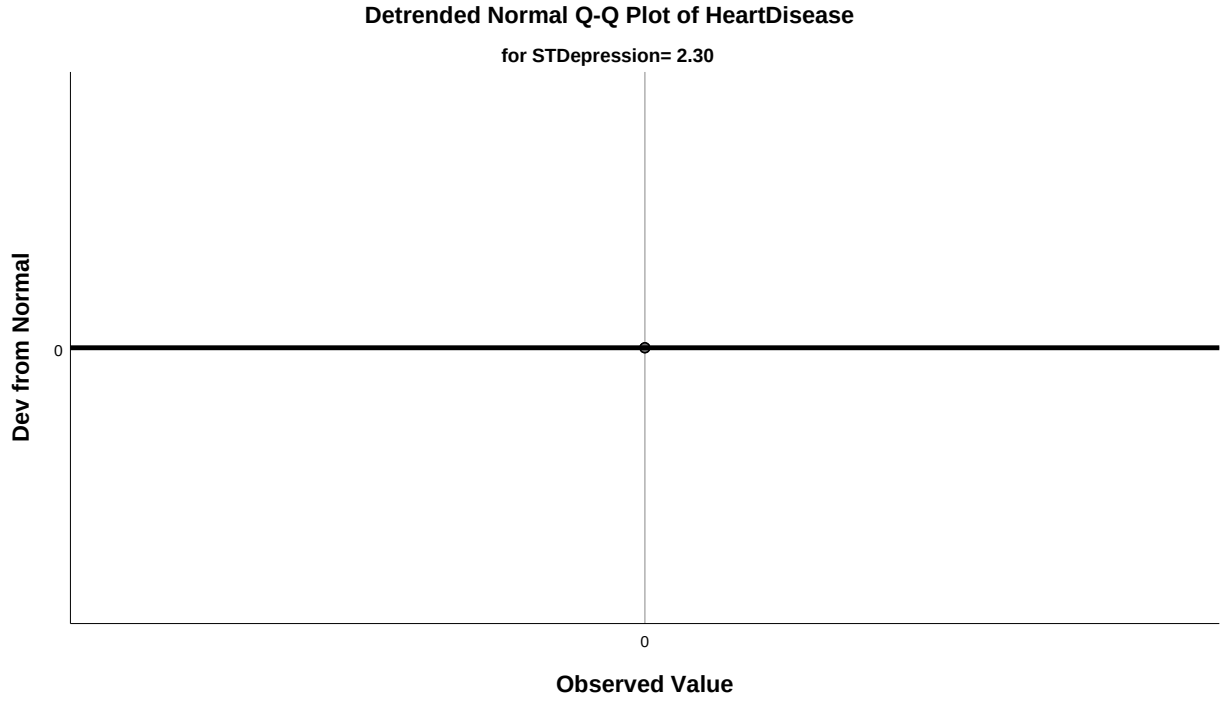

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.60
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

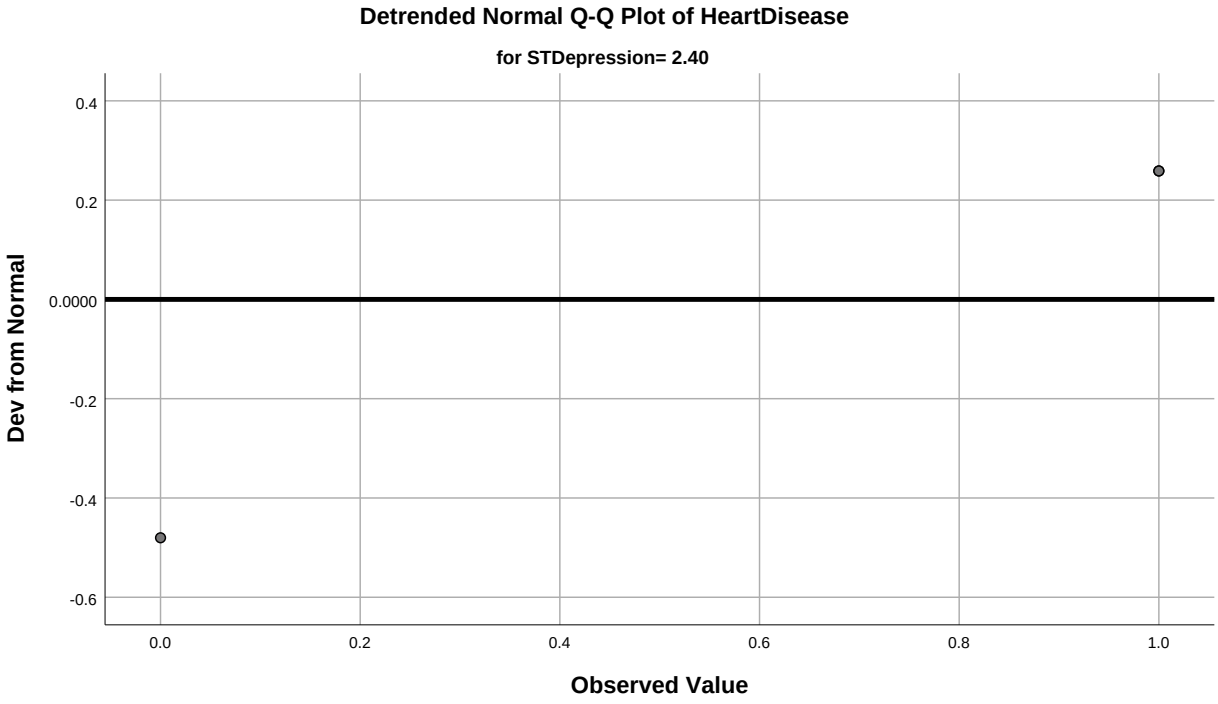

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.80
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

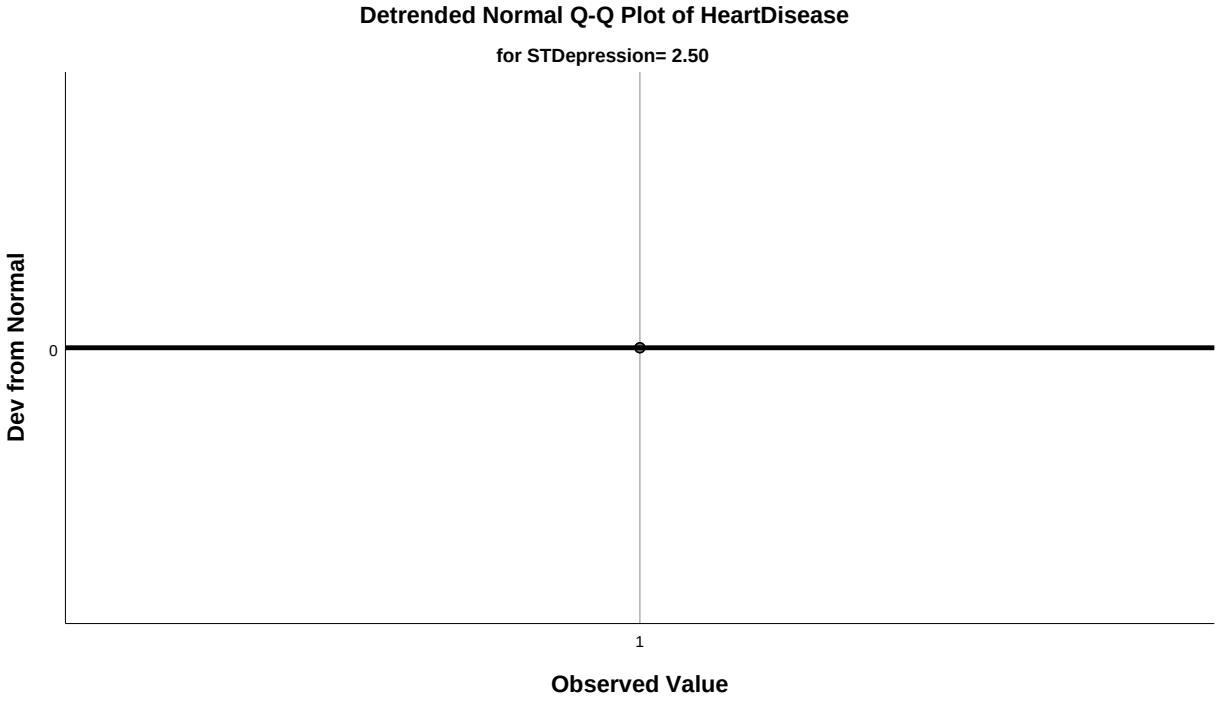

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 1.90
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

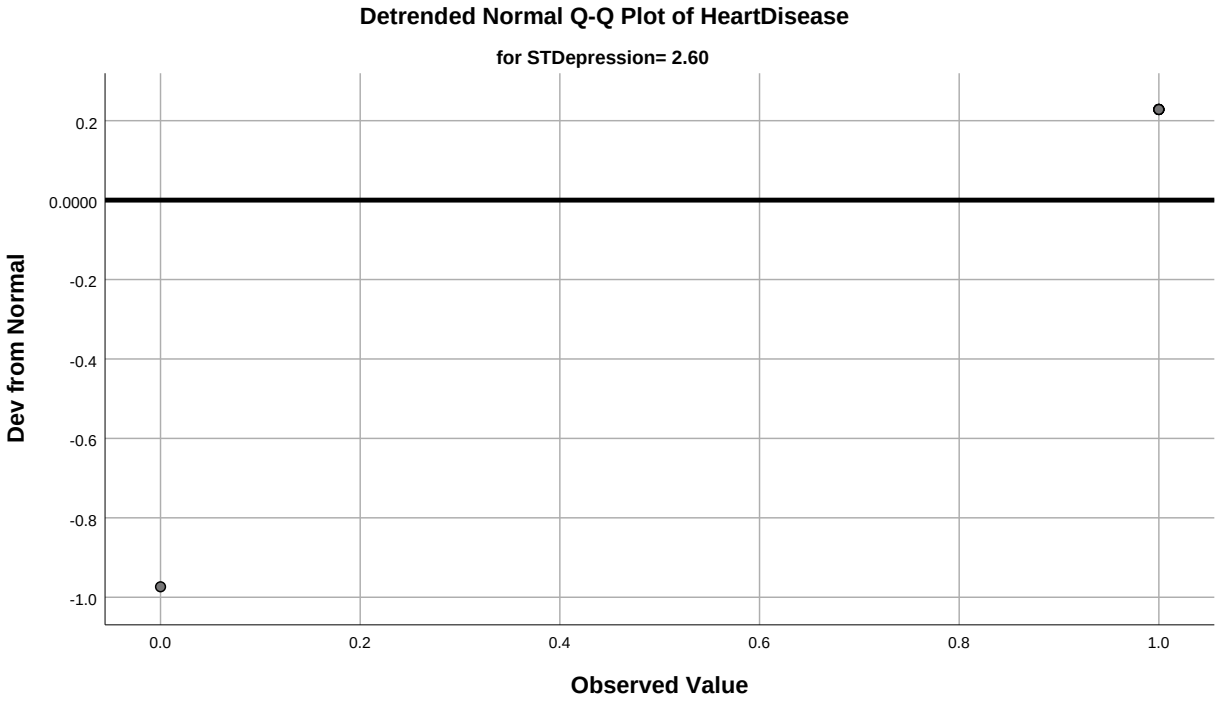

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

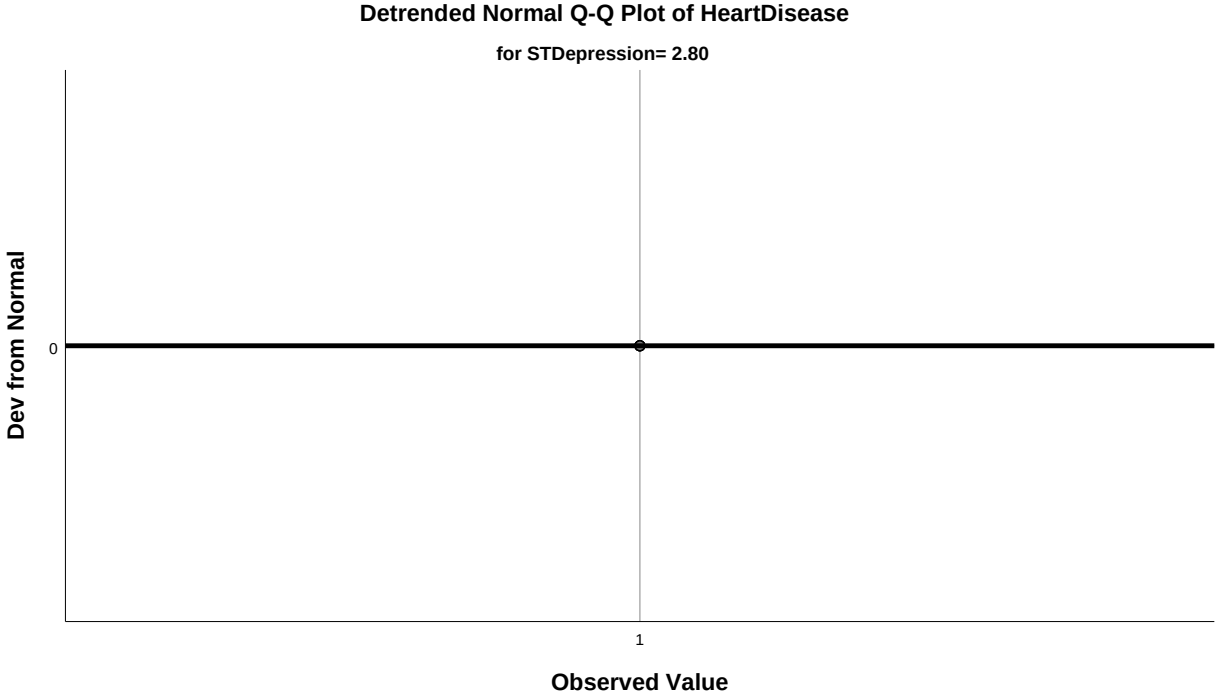

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.20
Dev from Normal
0
1
Observed Value

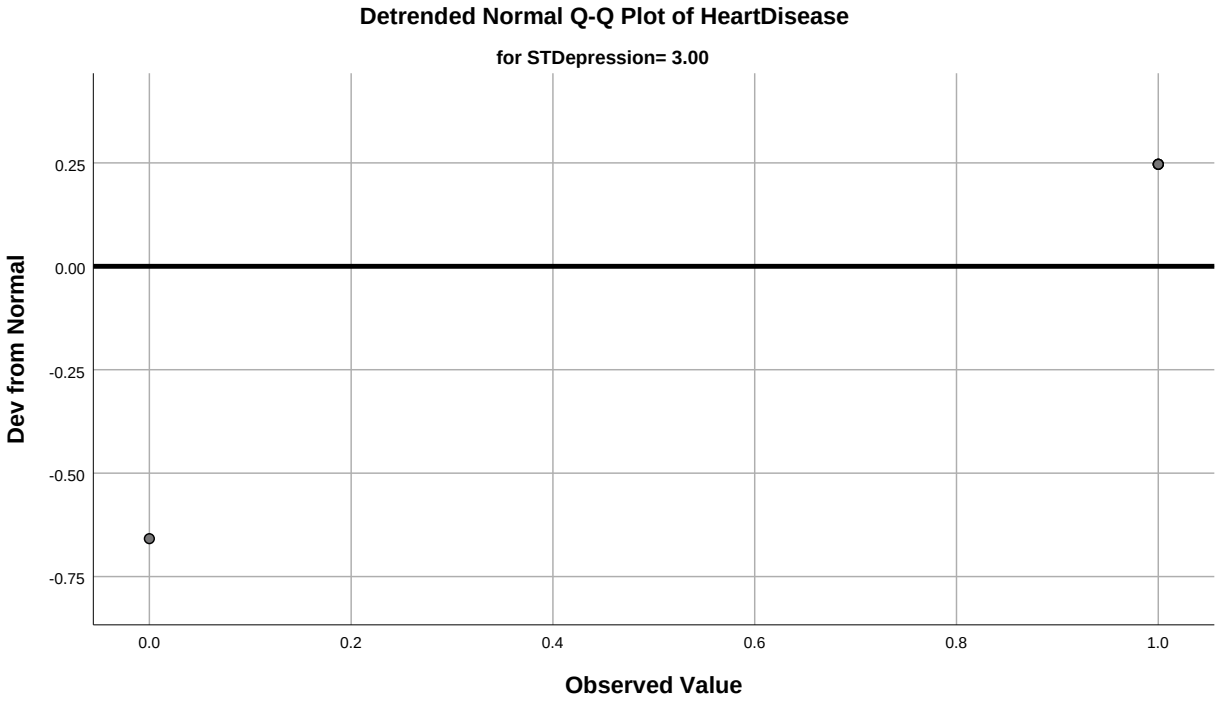

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.30
Dev from Normal
0
0
Observed Value

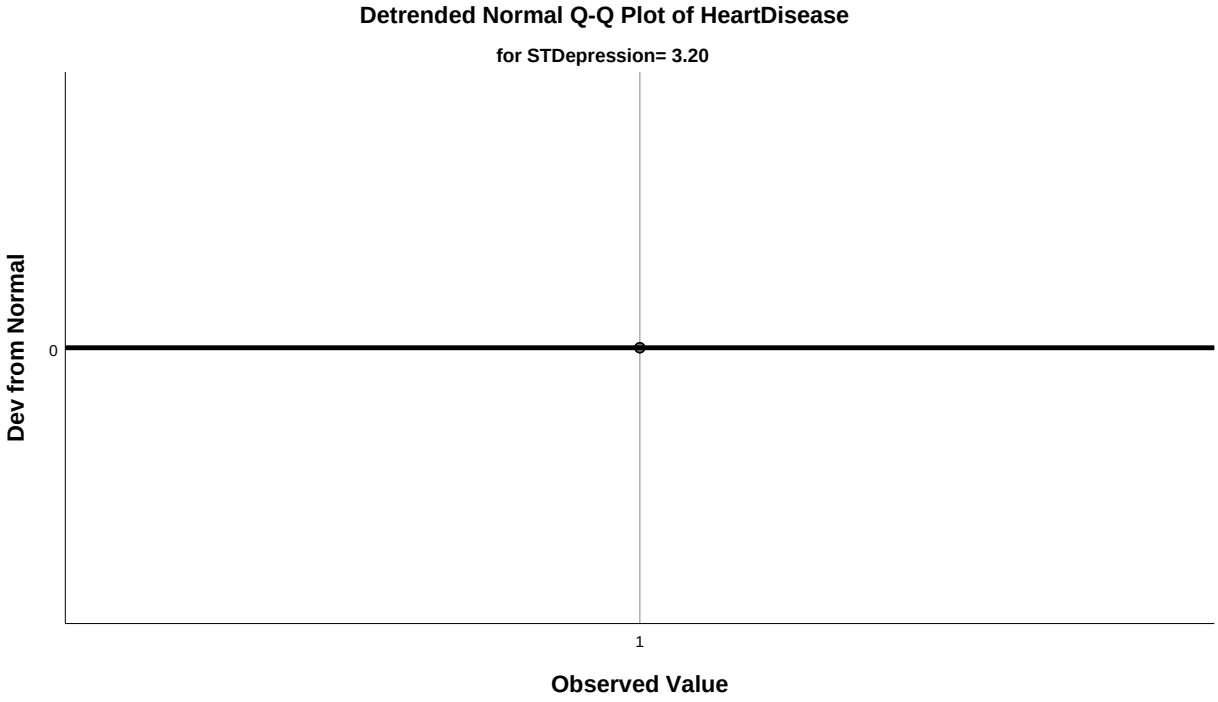

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.40
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

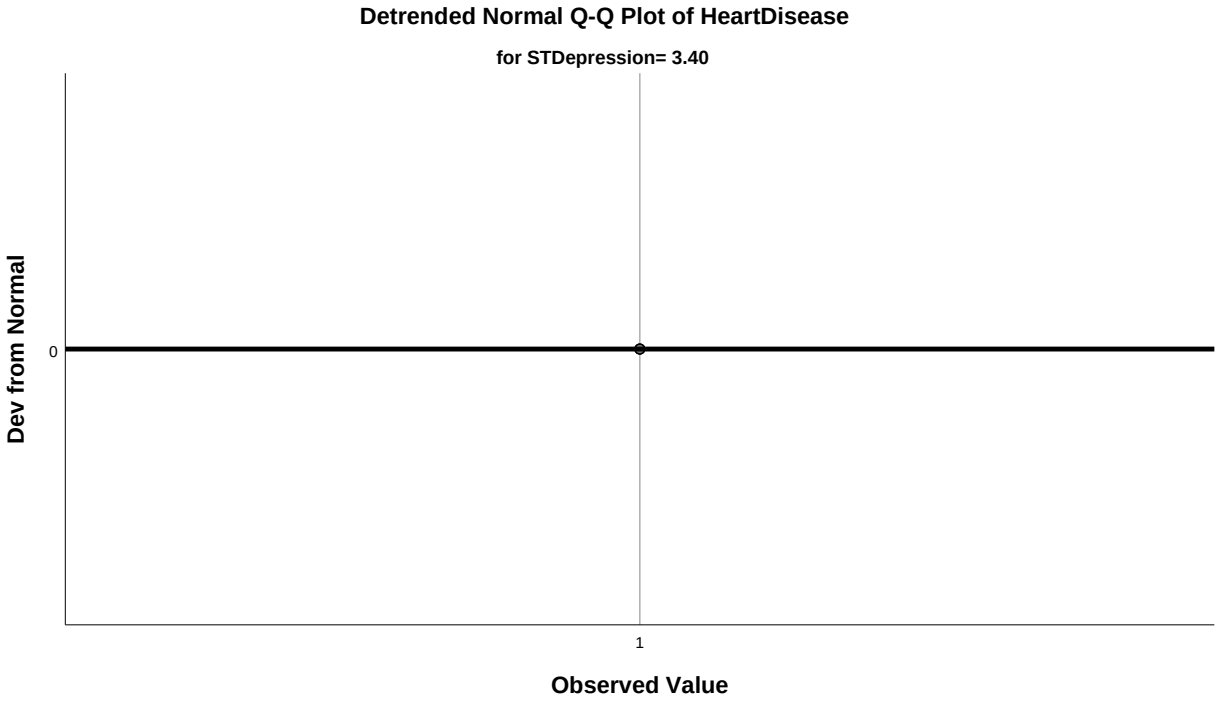

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.50
Dev from Normal
0
1
Observed Value

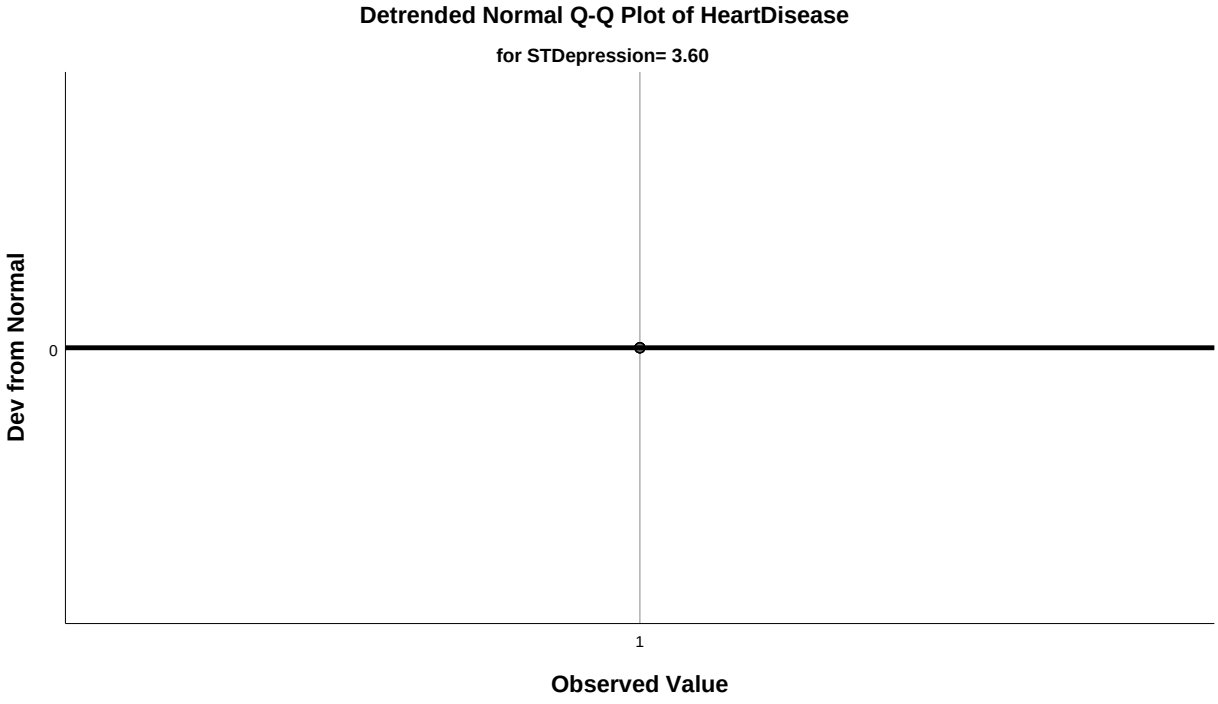

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.60
Dev from Normal
0.2
0.0000
-0.2
-0.4
-0.6
-0.8
-1.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

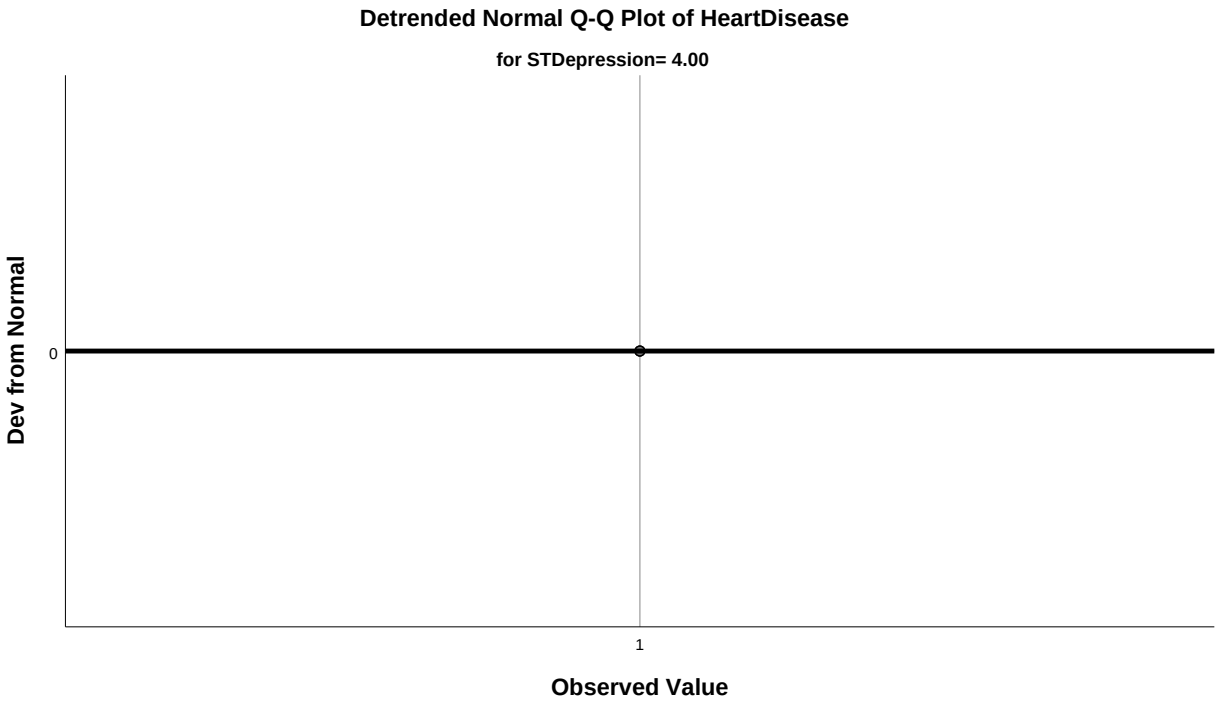

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 2.80
Dev from Normal
0
1
Observed Value

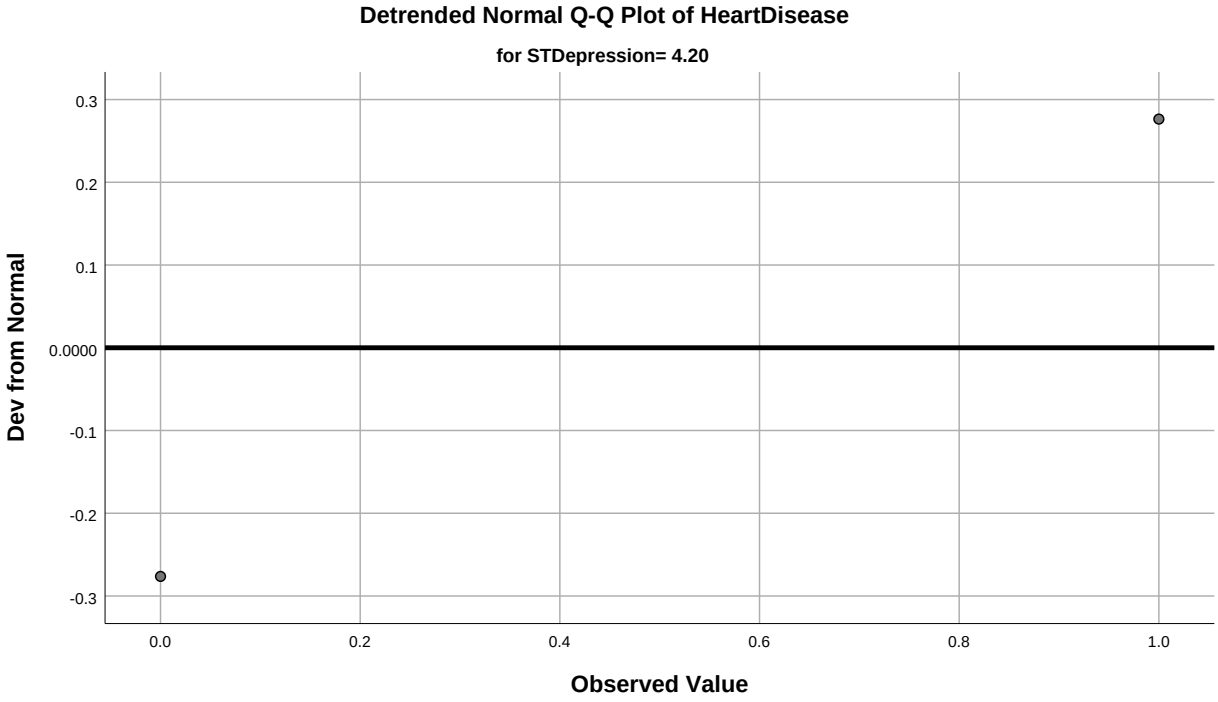

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 3.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 3.20
Dev from Normal
0
1
Observed Value

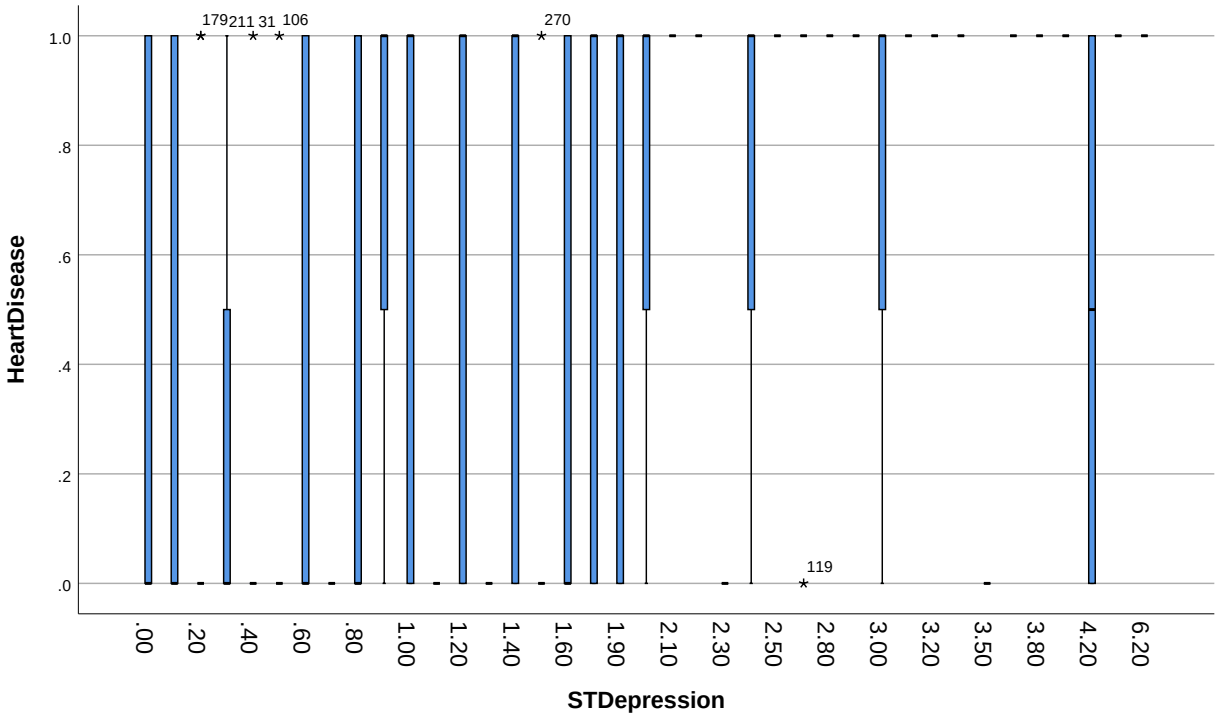

Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 3.40
Dev from Normal
0
1
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 3.60
Dev from Normal
0
1
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 4.00
Dev from Normal
0
1
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for STDepression= 4.20
Dev from Normal
0.3
0.2
0.1
0.0000
-0.1
-0.2
-0.3
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots



SlopeOfST

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	SlopeOfST	N	Percent	N	Percent	N	Percent
HeartDisease	1.00	130	100.0%	0	0.0%	130	100.0%
	2.00	122	100.0%	0	0.0%	122	100.0%
	3.00	18	100.0%	0	0.0%	18	100.0%

Descriptives

	SlopeOfST			Statistic	Std. Error
HeartDisease	1.00	Mean		.25	.038
		95% Confidence Interval for Mean	Lower Bound	.17	
			Upper Bound	.32	
		5% Trimmed Mean		.22	
		Median		.00	
		Variance		.187	
		Std. Deviation		.432	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		0	
		Skewness		1.192	.212
		Kurtosis		-.588	.422
	2.00	Mean		.64	.044
		95% Confidence Interval for Mean	Lower Bound	.55	
			Upper Bound	.73	
		5% Trimmed Mean		.65	
		Median		1.00	
		Variance		.232	
		Std. Deviation		.482	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		-.588	.219
		Kurtosis		-1.683	.435
	3.00	Mean		.56	.121
		95% Confidence Interval for Mean	Lower Bound	.30	
			Upper Bound	.81	
		5% Trimmed Mean		.56	
		Median		1.00	
		Variance		.261	
		Std. Deviation		.511	
		Minimum		0	
		Maximum		1	

Descriptives

SlopeOfST		Statistic	Std. Error
	Range	1	
	Interquartile Range	1	
	Skewness	-.244	.536
	Kurtosis	-2.199	1.038

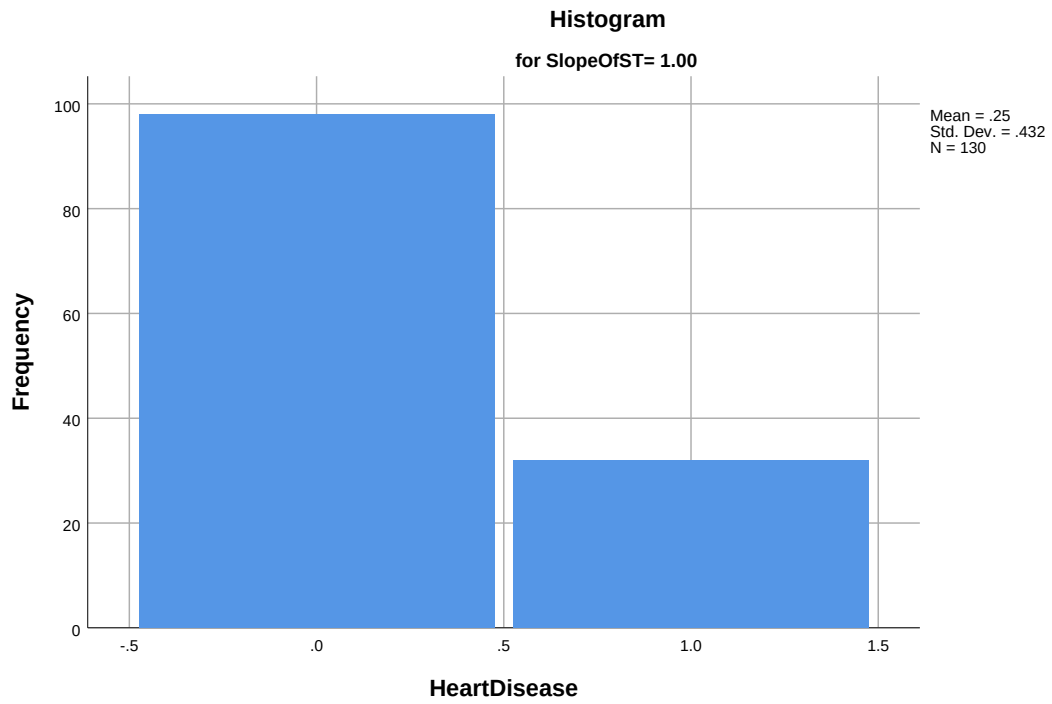
Tests of Normality

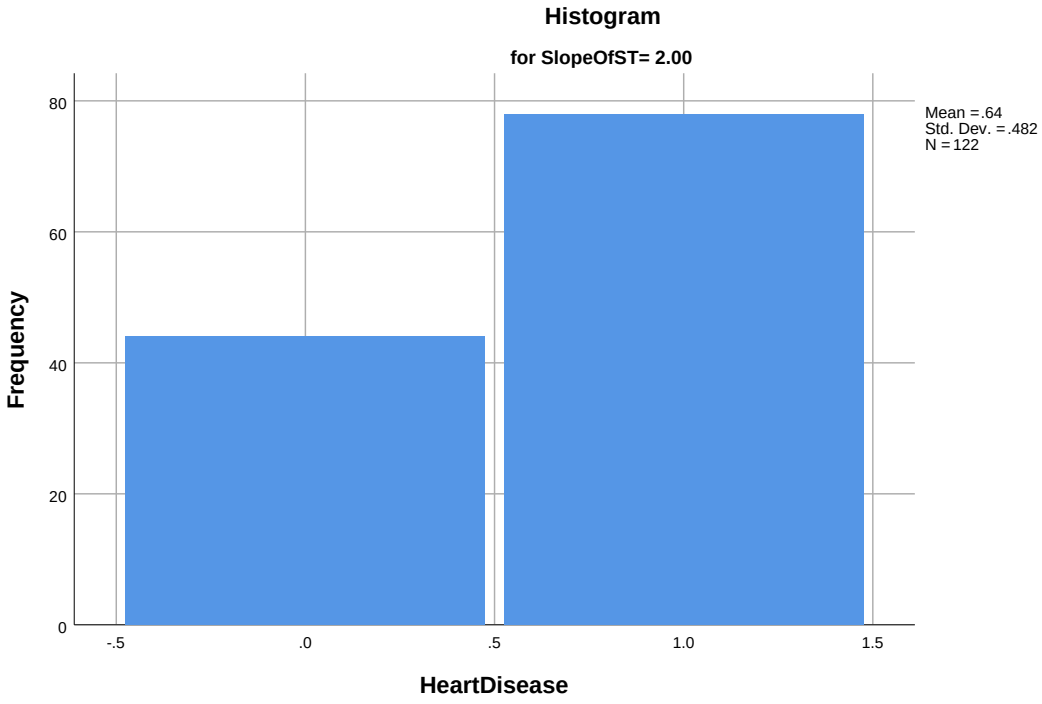
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	SlopeOfST	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	1.00	.469	130	.000	.535	130	.000
	2.00	.412	122	.000	.608	122	.000
	3.00	.363	18	.000	.638	18	.000

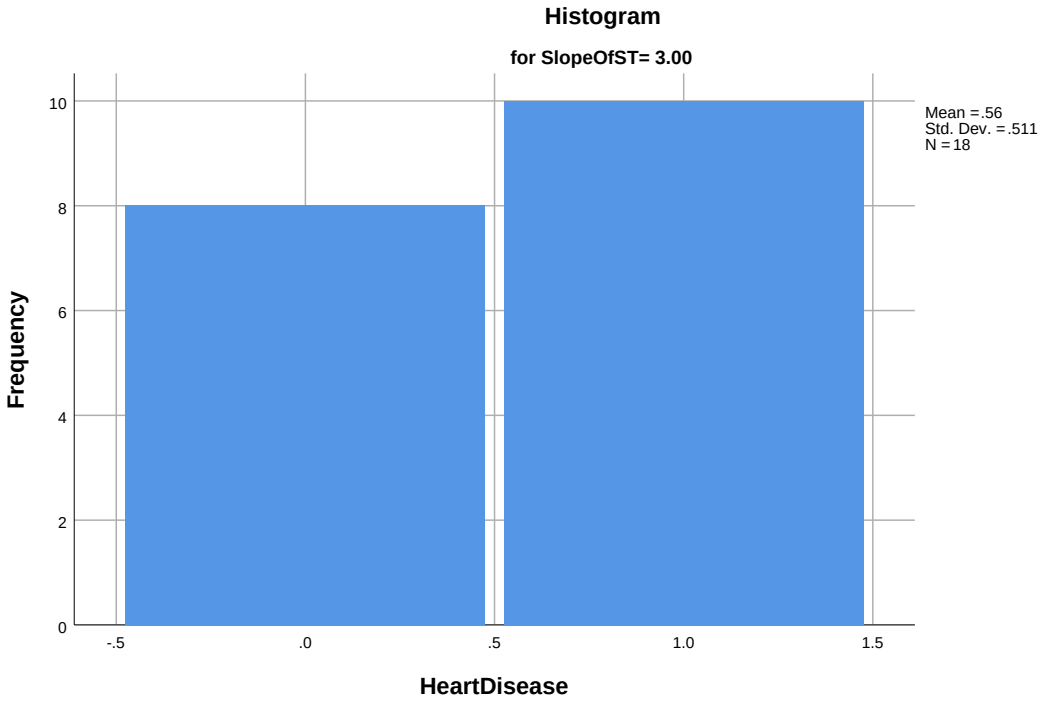
a. Lilliefors Significance Correction

HeartDisease

Histograms







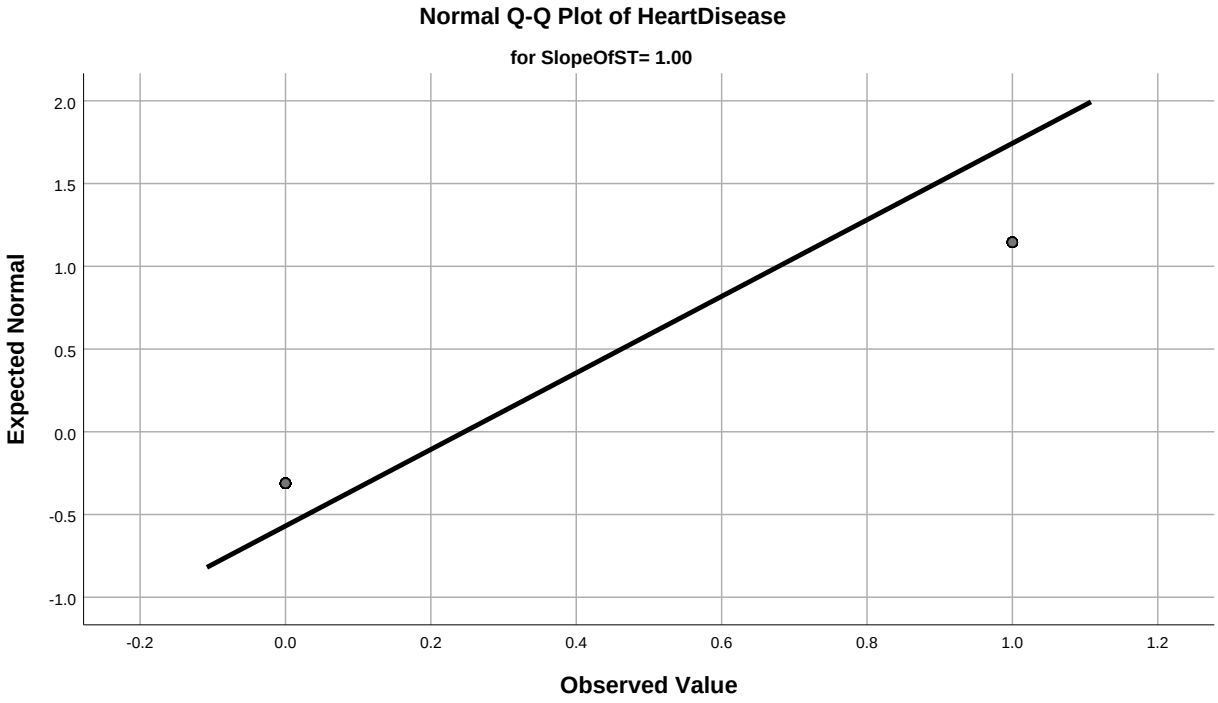
Stem-and-Leaf Plots

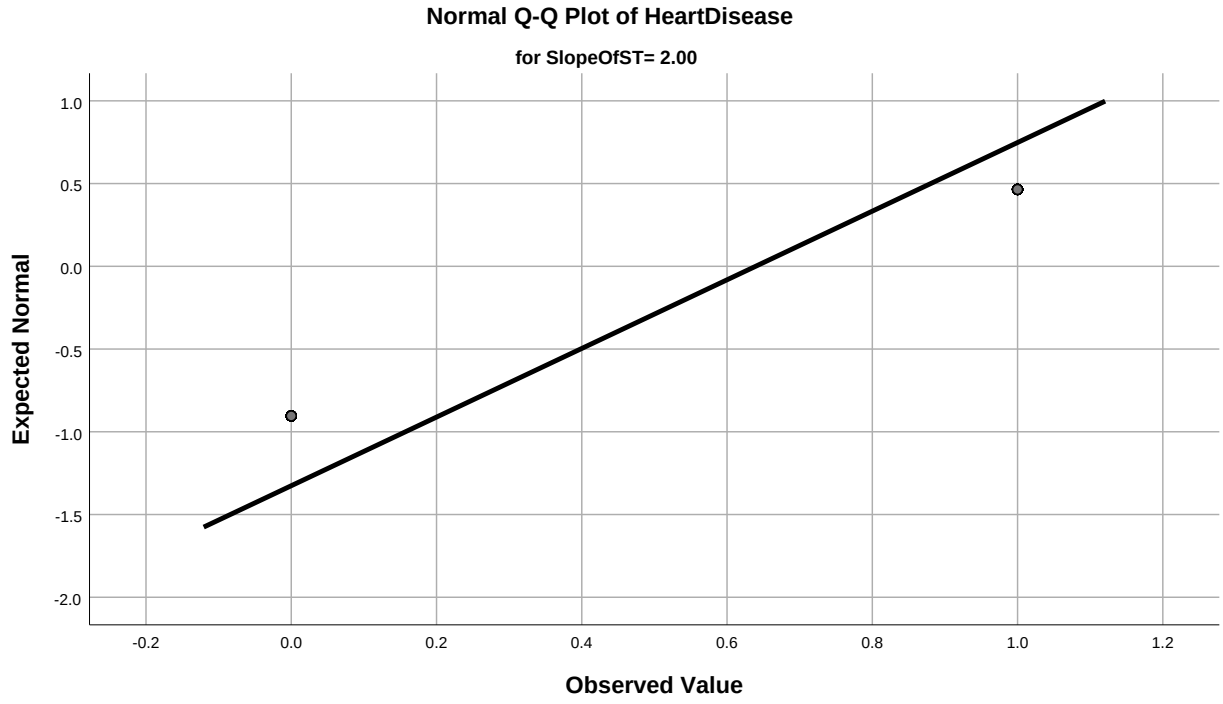
HeartDisease Stem-and-Leaf Plot for
SlopeOfST= 1.00

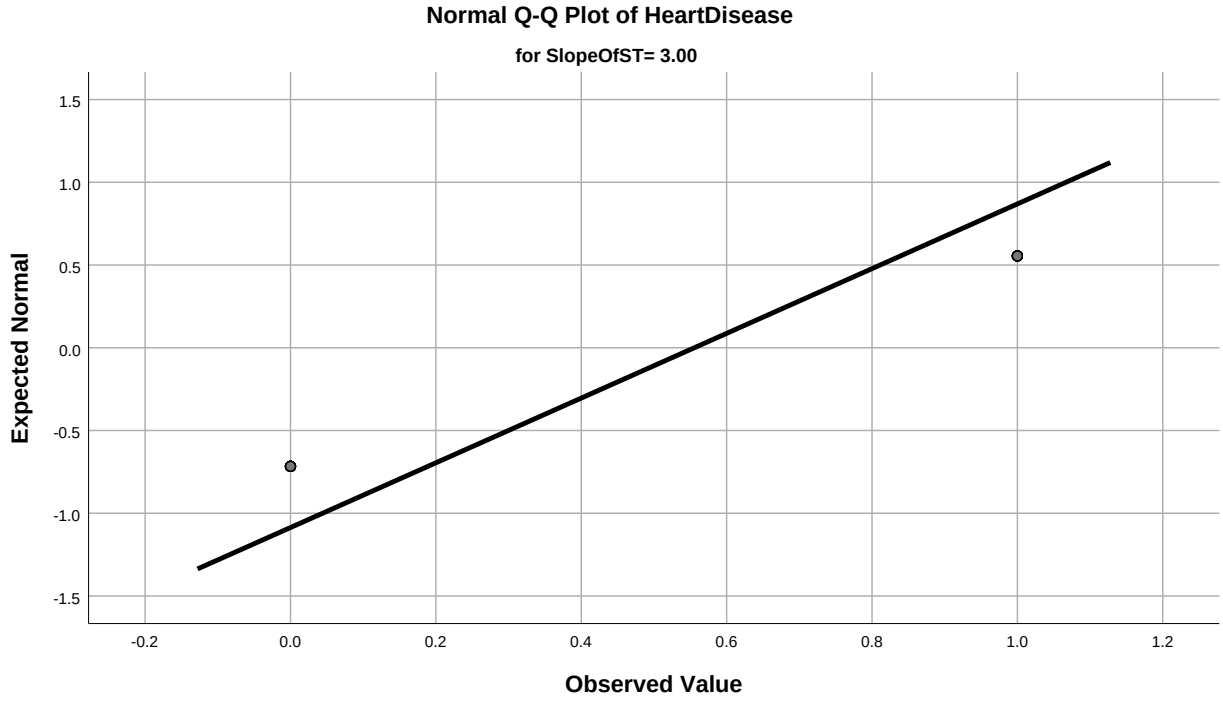
```
 Frequency    Stem &  Leaf

    98.00        0 .  00000000000
```

```
   10.00        1 .  0000000000

Stem width:         1
Each leaf:        1 case(s)
```

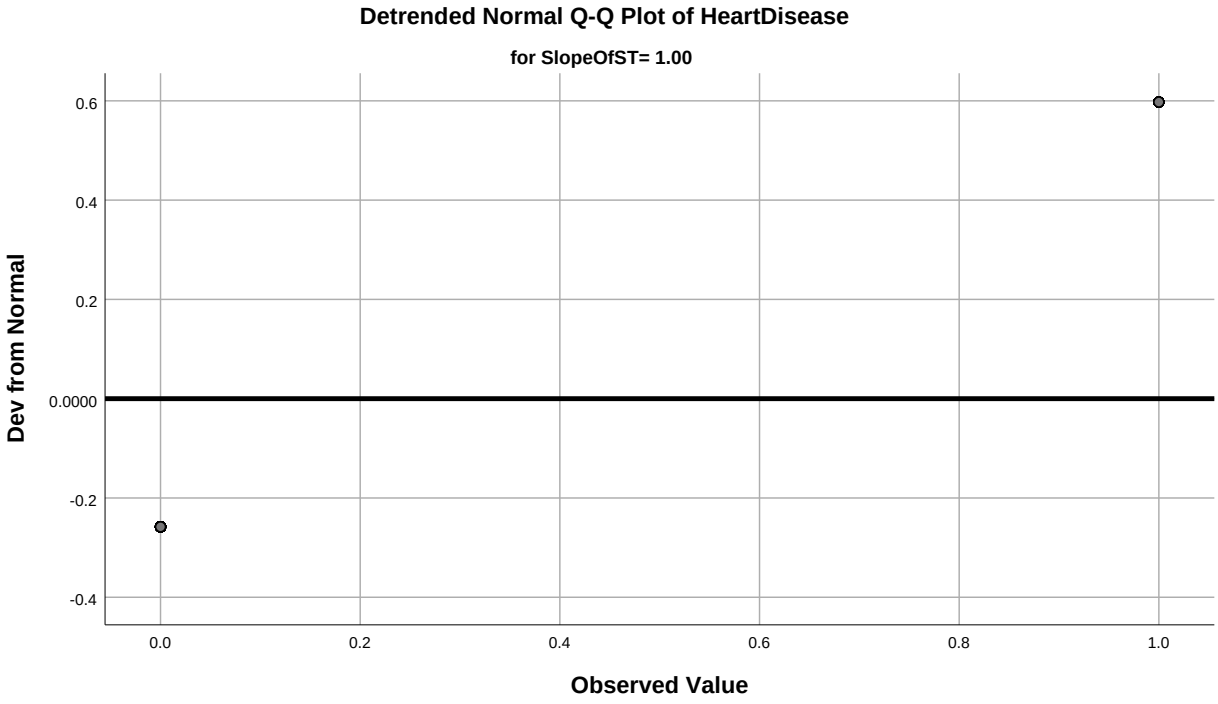
Normal Q-Q Plots

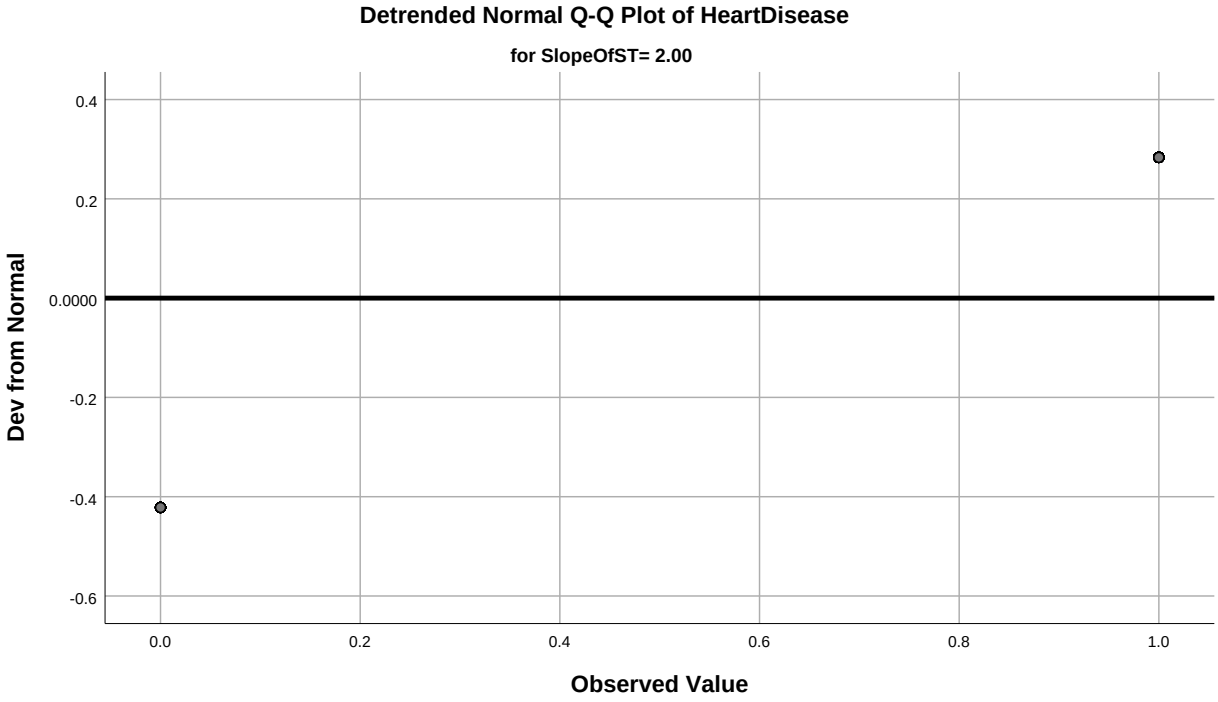


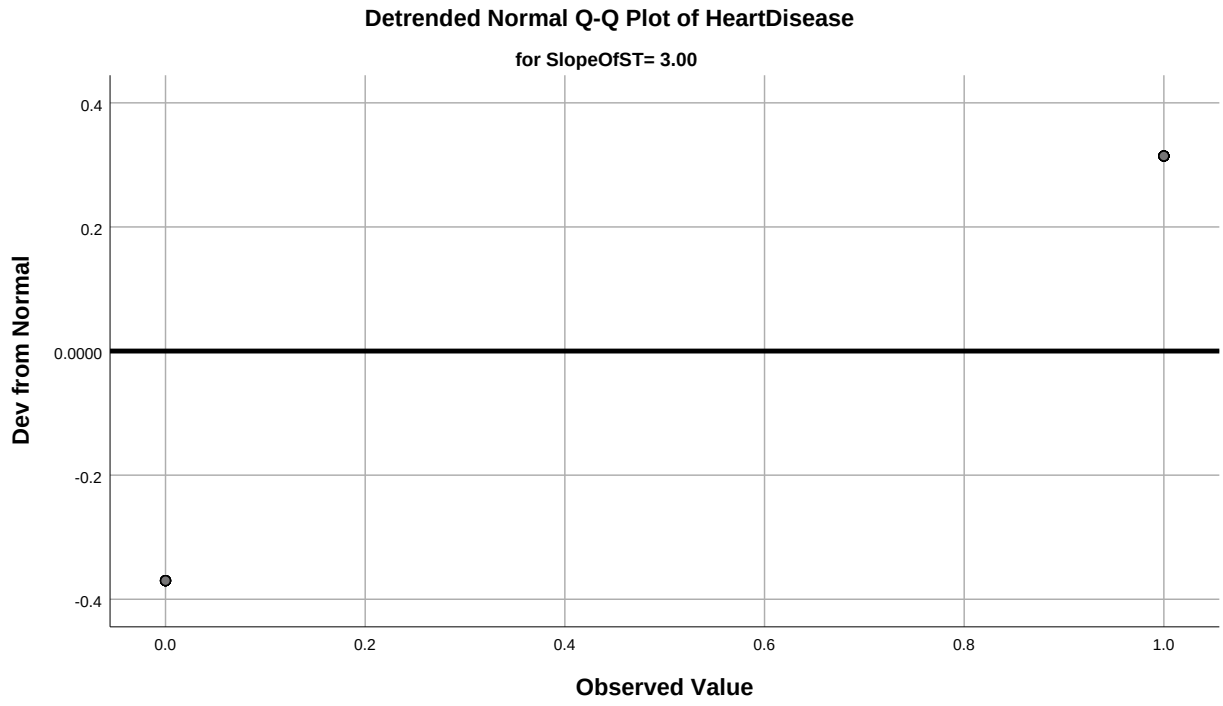




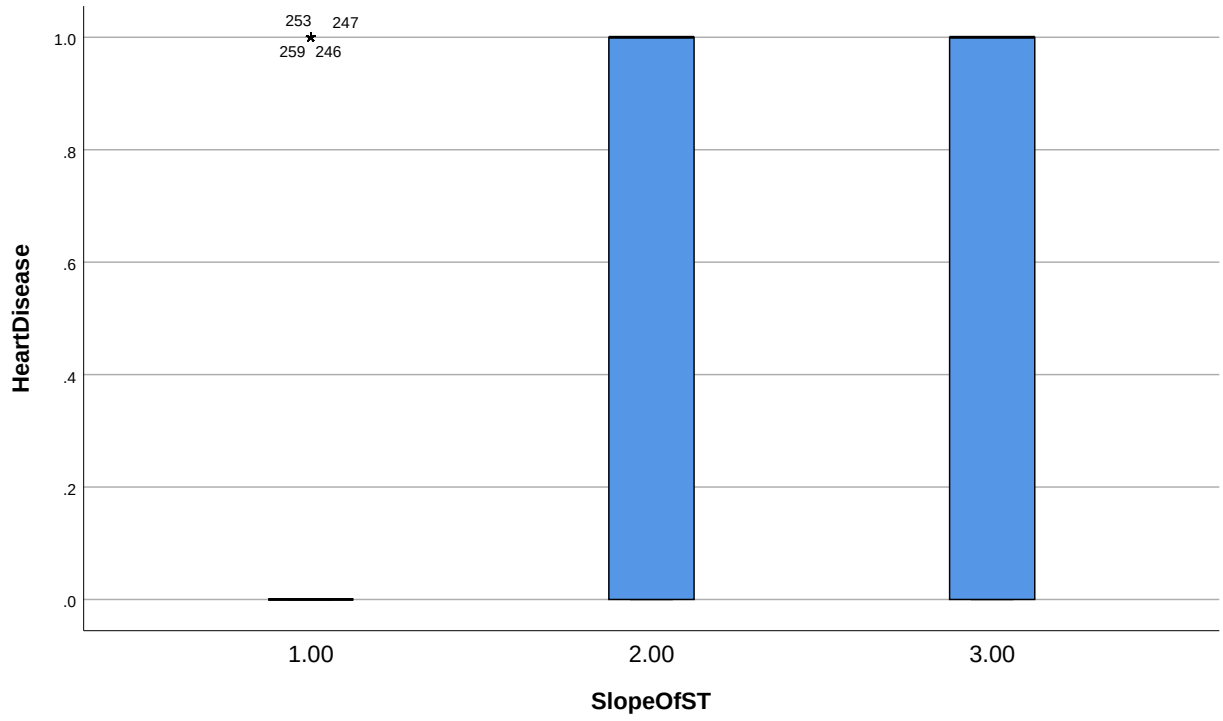
Detrended Normal Q-Q Plots


Detrended Normal Q-Q Plot of HeartDisease
for SlopeOfST= 1.00
Dev from Normal
0.6
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for SlopeOfST= 2.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value



Boxplots



NoOfVesselsFluro

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	NoOfVesselsFluro	N	Percent	N	Percent	N	Percent
HeartDisease	.00	160	100.0%	0	0.0%	160	100.0%
	1.00	58	100.0%	0	0.0%	58	100.0%
	2.00	33	100.0%	0	0.0%	33	100.0%
	3.00	19	100.0%	0	0.0%	19	100.0%

Descriptives

	NoOfVesselsFluro			Statistic	Std. Error
HeartDisease	.00	Mean		.25	.034
		95% Confidence Interval for Mean	Lower Bound	.18	
			Upper Bound	.32	
		5% Trimmed Mean		.22	
		Median		.00	
		Variance		.189	
		Std. Deviation		.434	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		1.166	.192
		Kurtosis		-.650	.381
	1.00	Mean		.66	.063
		95% Confidence Interval for Mean	Lower Bound	.53	
			Upper Bound	.78	
		5% Trimmed Mean		.67	
		Median		1.00	
		Variance		.230	
		Std. Deviation		.479	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		-.670	.314
		Kurtosis		-1.607	.618

Descriptives

NoOfVesselsFluro			Statistic	Std. Error
2.00	Mean		.79	.072
	95% Confidence Interval for Mean	Lower Bound	.64	
		Upper Bound	.94	
	5% Trimmed Mean		.82	
	Median		1.00	
	Variance		.172	
	Std. Deviation		.415	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		-1.476	.409
	Kurtosis		.187	.798
3.00	Mean		.84	.086
	95% Confidence Interval for Mean	Lower Bound	.66	
		Upper Bound	1.02	
	5% Trimmed Mean		.88	
	Median		1.00	
	Variance		.140	
	Std. Deviation		.375	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		-2.041	.524
	Kurtosis		2.410	1.014

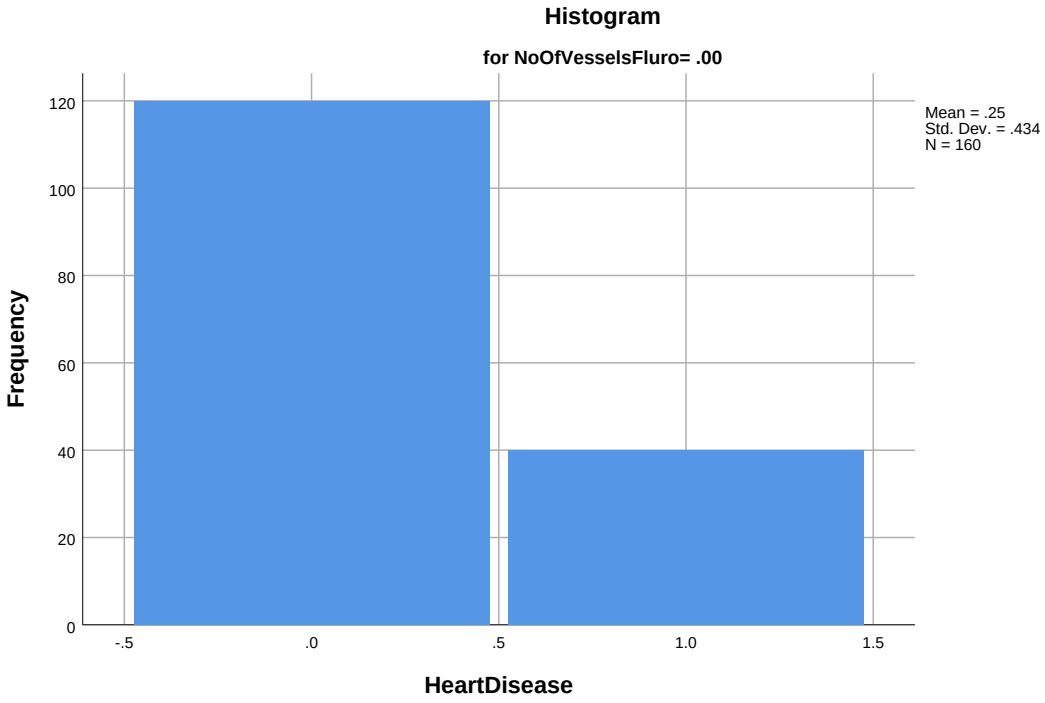
Tests of Normality

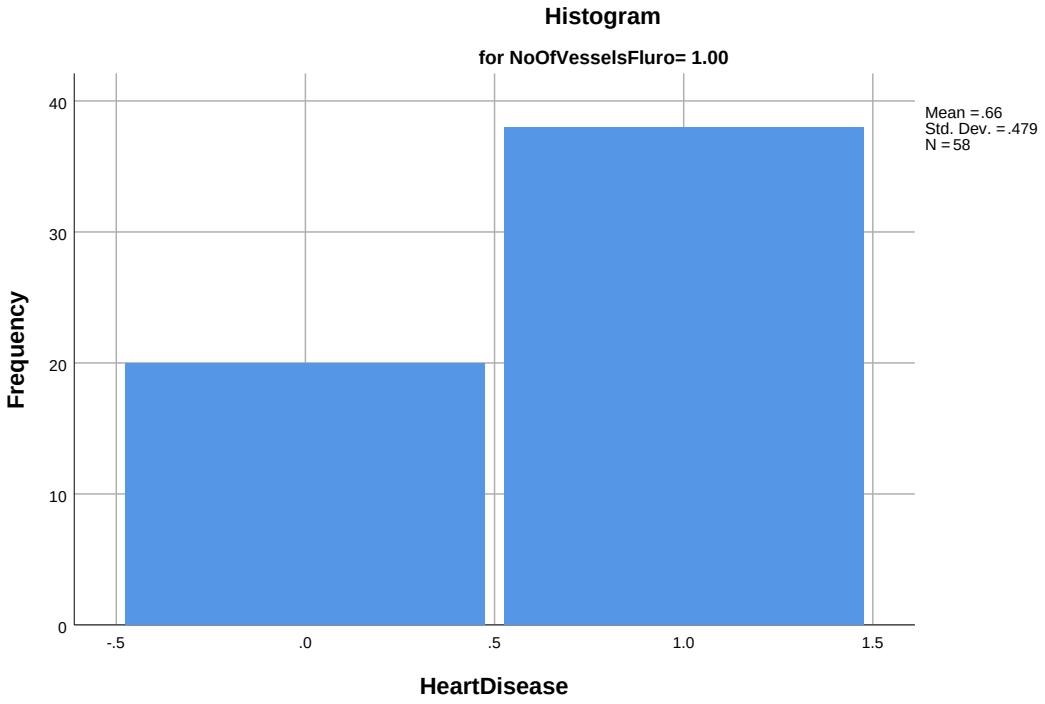
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	NoOfVesselsFluro	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	.00	.468	160	.000	.538	160	.000
	1.00	.419	58	.000	.601	58	.000
	2.00	.483	33	.000	.505	33	.000
	3.00	.505	19	.000	.445	19	.000

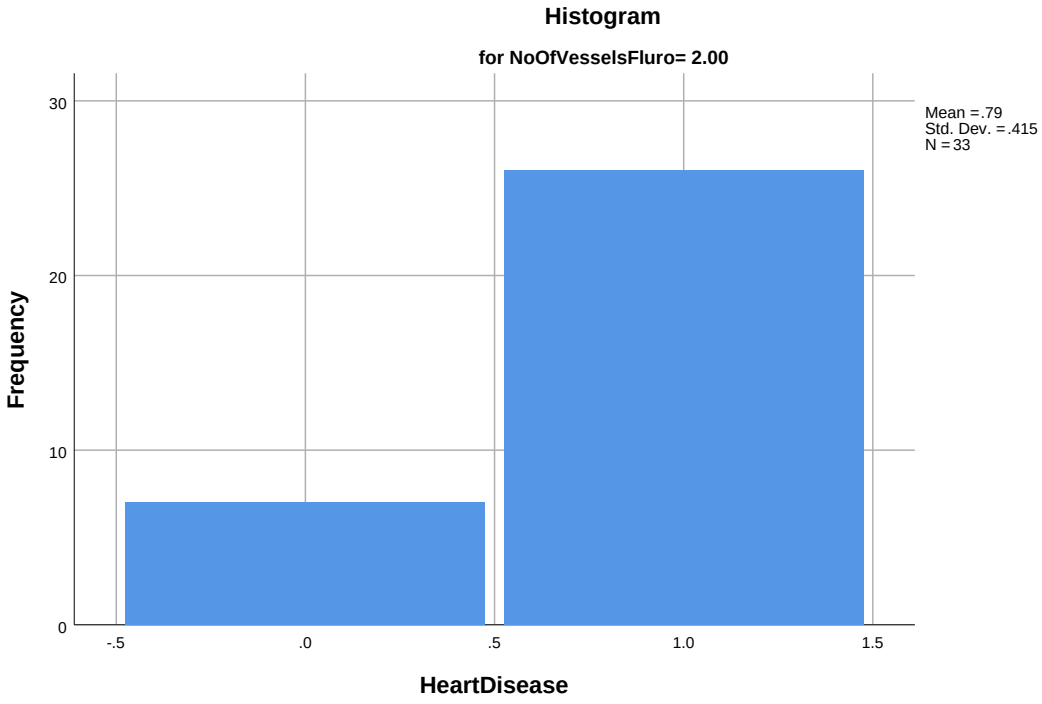
a. Lilliefors Significance Correction

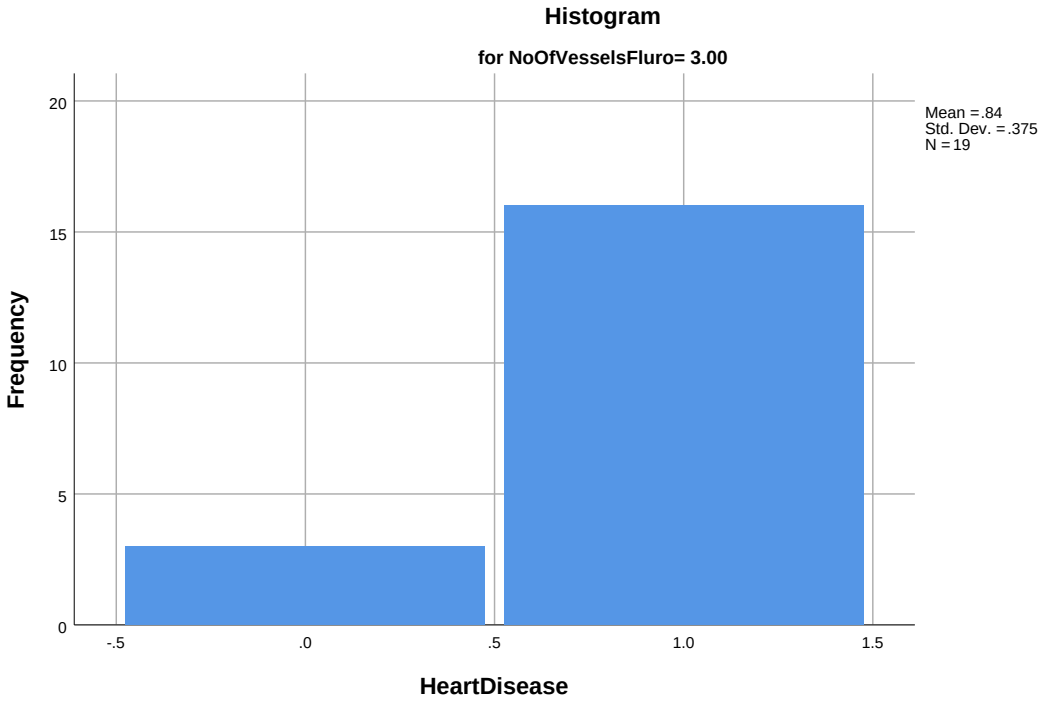
HeartDisease

Histograms









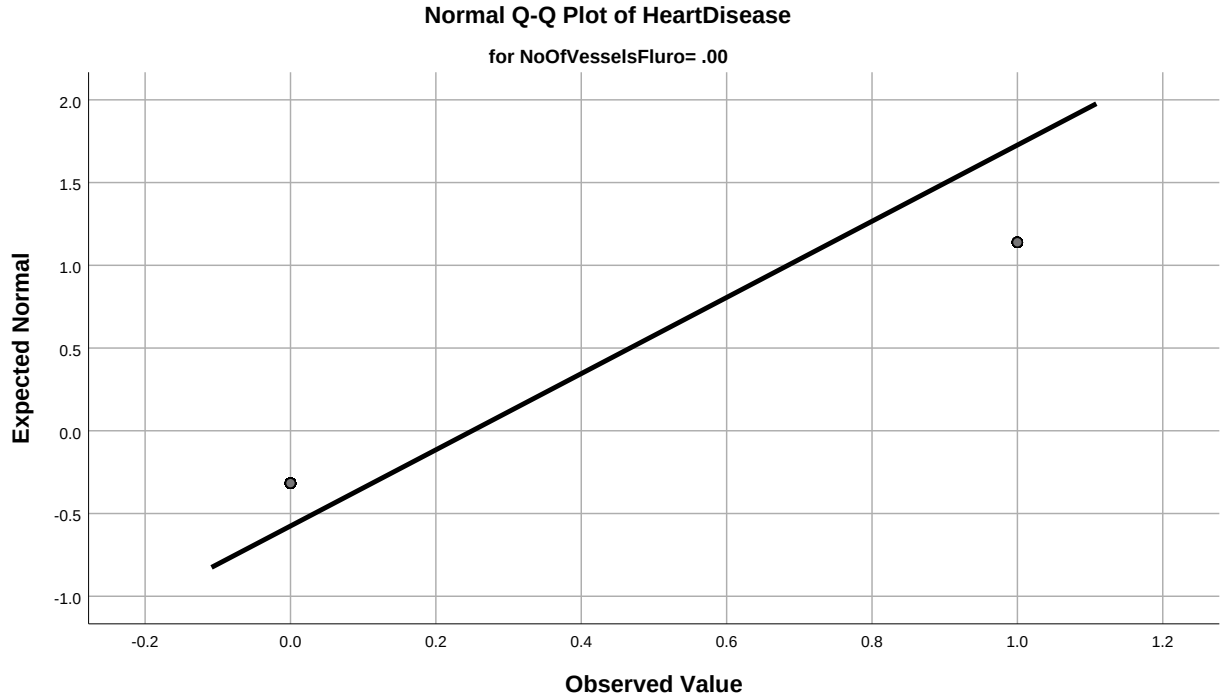
Stem-and-Leaf Plots

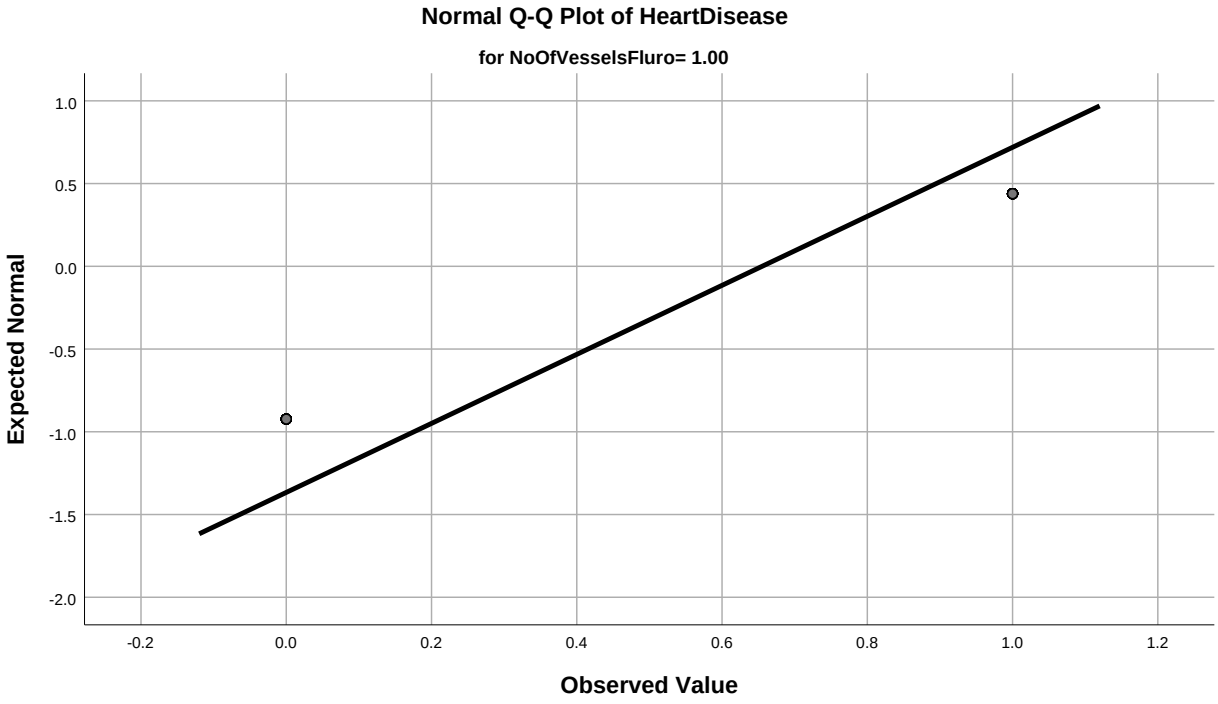
```
HeartDisease Stem-and-Leaf Plot for
NoOfVesselsFluro= .00
```

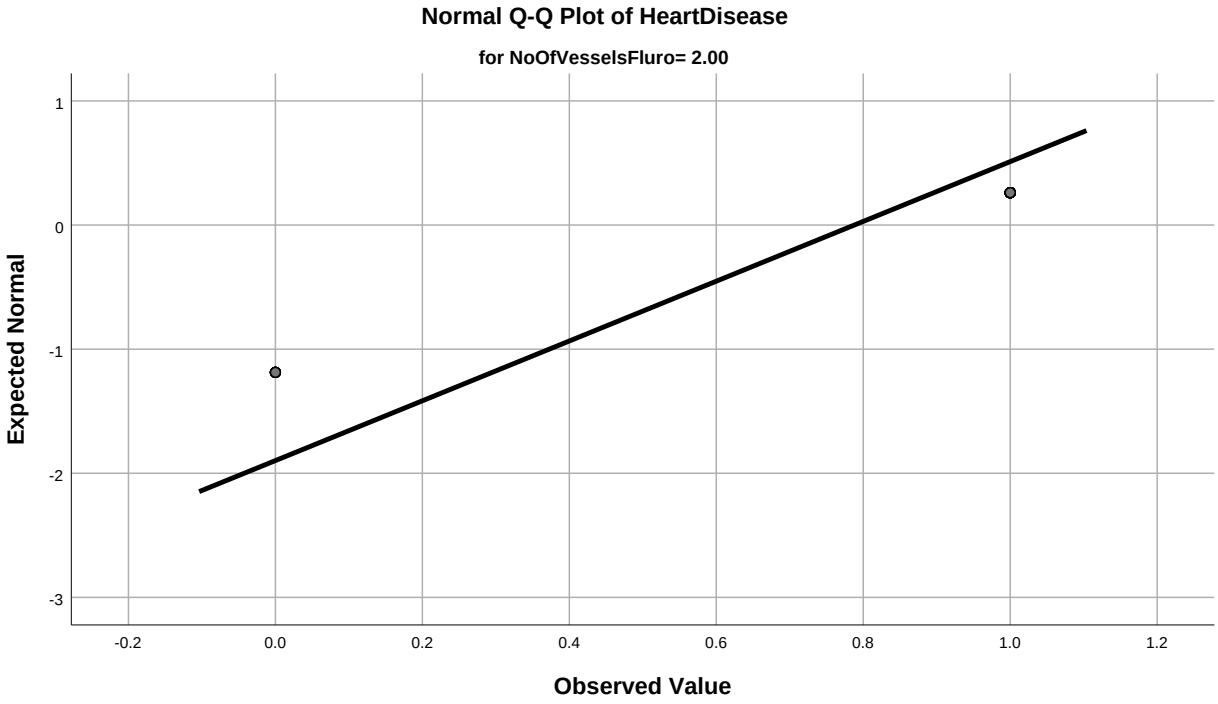
```
 Frequency    Stem &  Leaf

   120.00        0 .  00000000000000000000000000000000000000000000000000000000
0000
      .00        1 .
      .00        2 .
      .00        3 .
      .00        4 .
      .00        5 .
      .00        6 .
      .00        7 .
      .00        8 .
      .00        9 .
    40.00       10 .  0000000000000000000

 Stem width:         0
 Each leaf:        2 case(s)


HeartDisease Stem-and-Leaf Plot for
NoOfVesselsFluro= 1.00

 Frequency    Stem &  Leaf

    20.00        0 .  0000000000000000000
      .00        0 .
      .00        0 .
      .00        0 .
      .00        0 .
    38.00        1 .  00000000000000000000000000000000000000

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


HeartDisease Stem-and-Leaf Plot for
NoOfVesselsFluro= 2.00

 Frequency    Stem &  Leaf
```

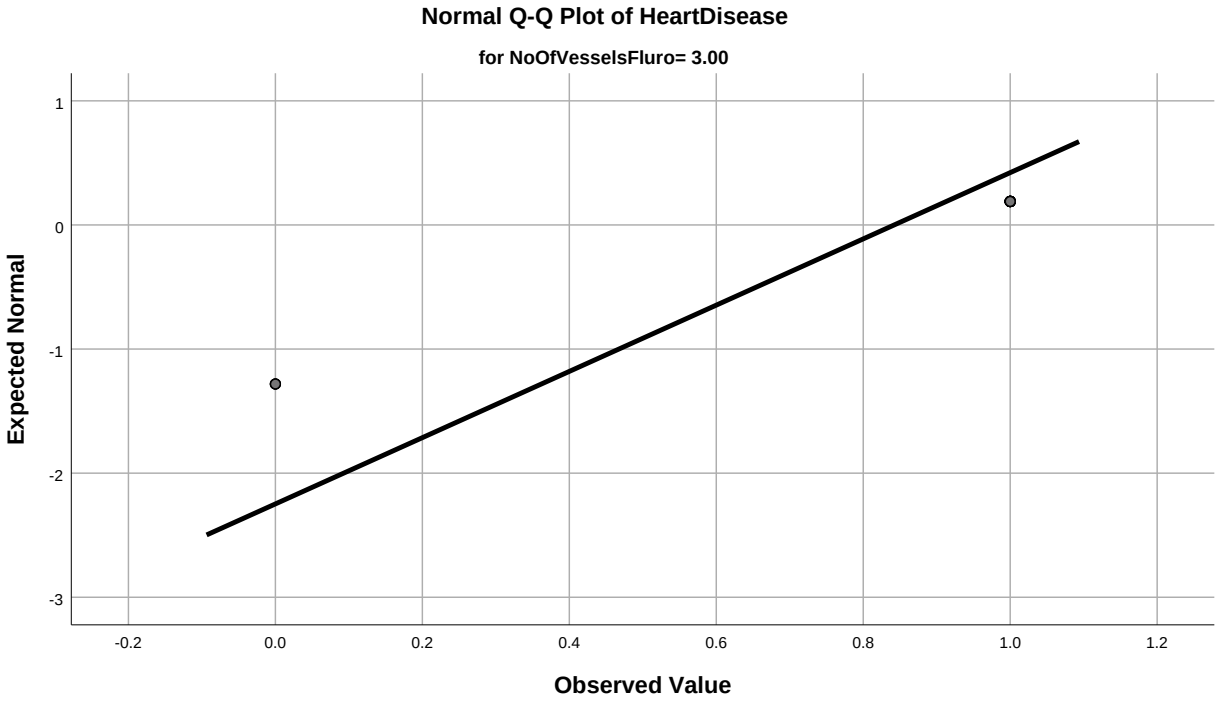
```
     7.00 Extremes    (=<.0)
    26.00        1 .  00000000000000000000000000

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


HeartDisease Stem-and-Leaf Plot for
NoOfVesselsFluro= 3.00

 Frequency    Stem &  Leaf

     3.00 Extremes    (=<.0)
    16.00        1 .  0000000000000000

 Stem width:         1
 Each leaf:        1 case(s)
```

Normal Q-Q Plots

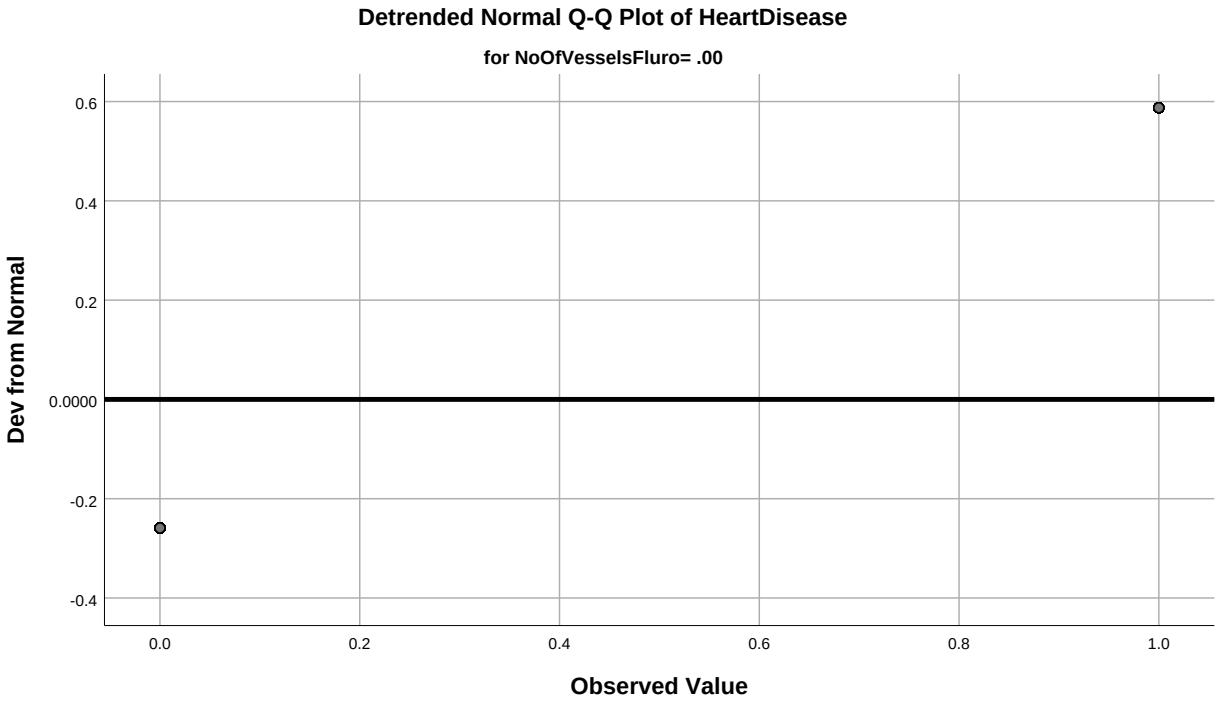


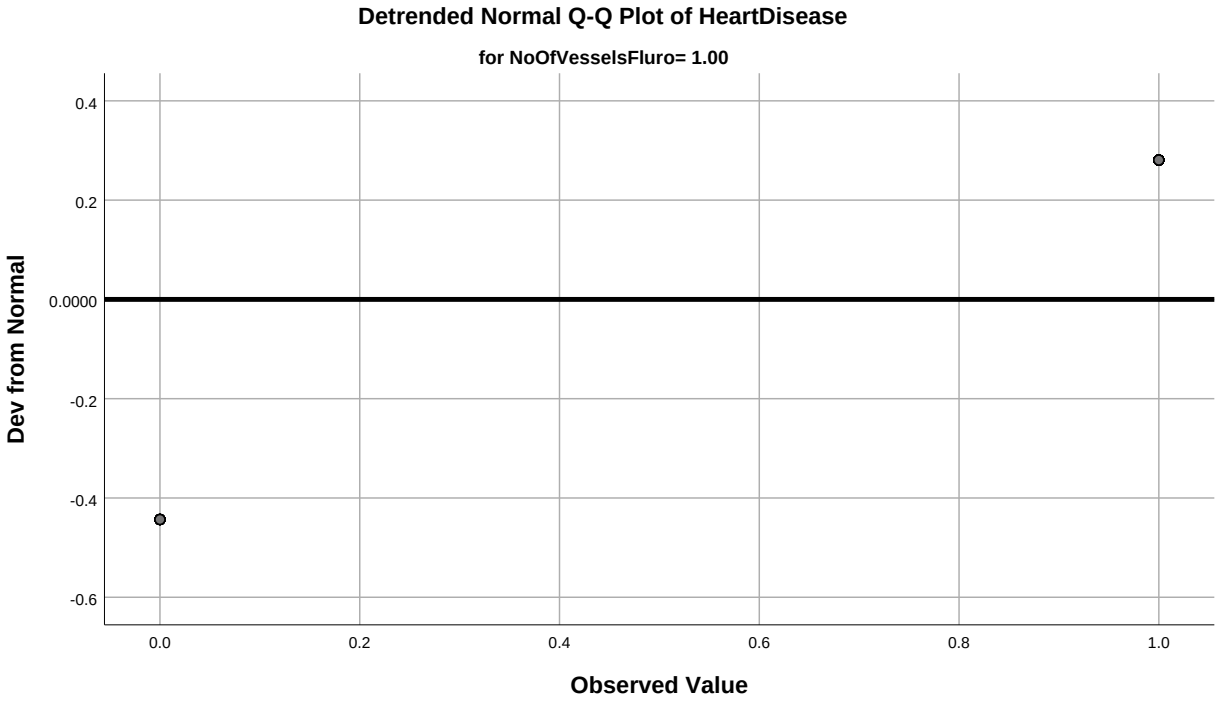

Normal Q-Q Plot of HeartDisease
for NoOfVesselsFluro= 1.00
Expected Normal
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

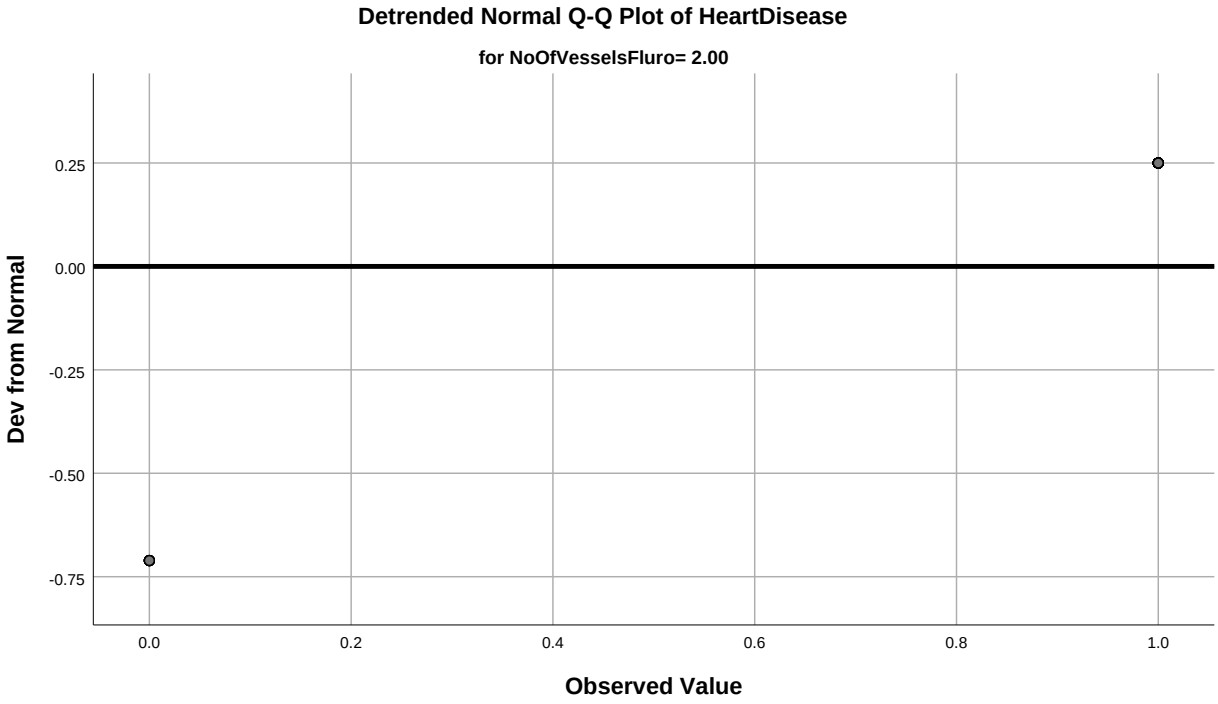

Normal Q-Q Plot of HeartDisease
for NoOfVesselsFluro= 2.00
Expected Normal
1
0
-1
-2
-3
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Observed Value

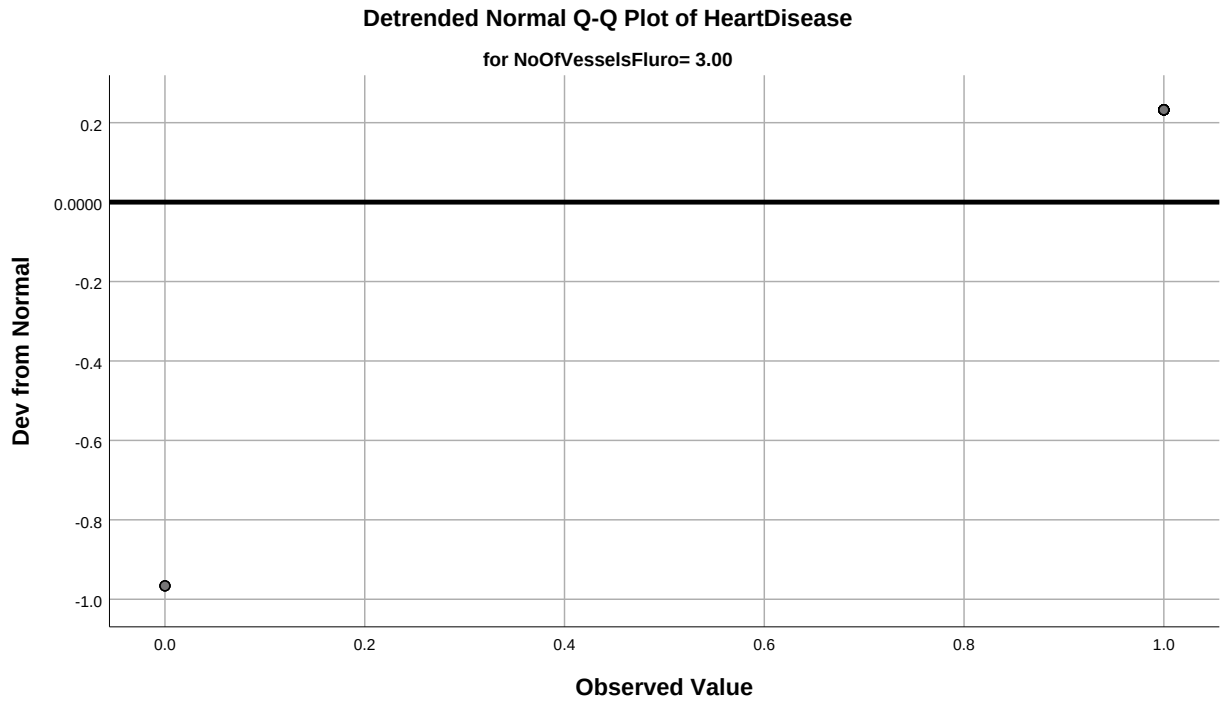


Detrended Normal Q-Q Plots

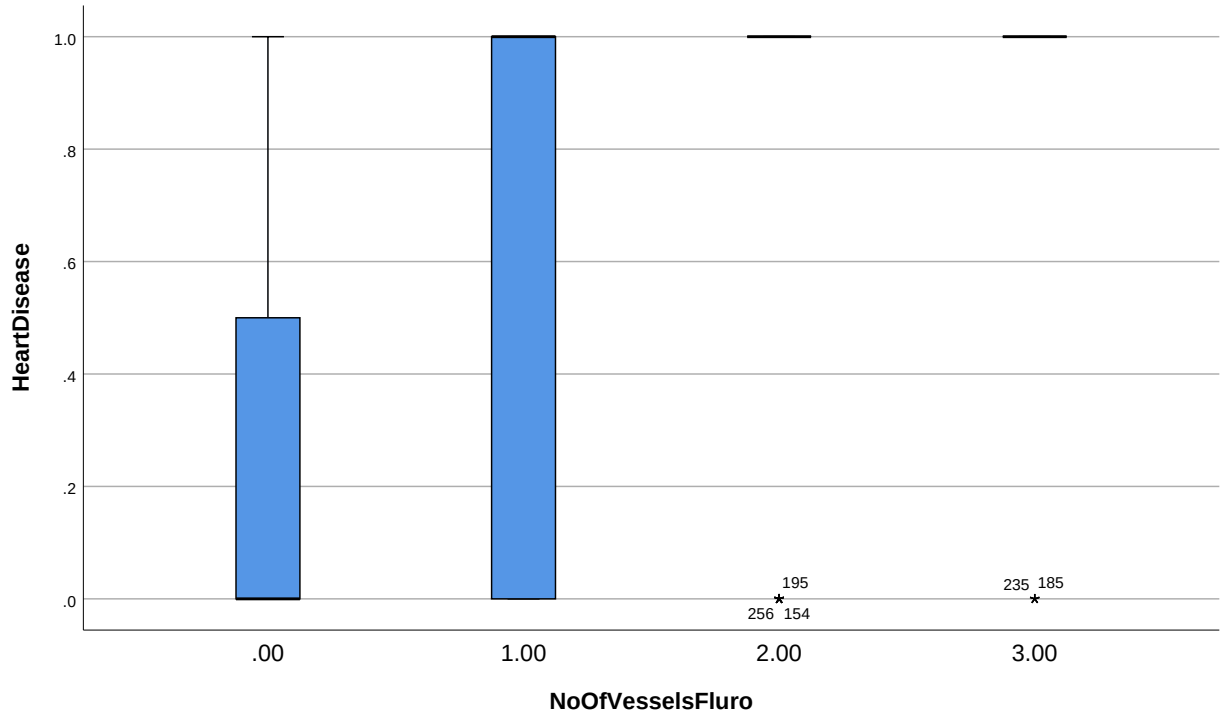



Detrended Normal Q-Q Plot of HeartDisease
for NoOfVesselsFluro= 1.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
-0.6
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for NoOfVesselsFluro= 2.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value



Boxplots



Thallium

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Thallium	N	Percent	N	Percent	N	Percent
HeartDisease	3.00	152	100.0%	0	0.0%	152	100.0%
	6.00	14	100.0%	0	0.0%	14	100.0%
	7.00	104	100.0%	0	0.0%	104	100.0%

Descriptives

	Thallium			Statistic	Std. Error
HeartDisease	3.00	Mean		.22	.034
		95% Confidence Interval for Mean	Lower Bound	.15	
			Upper Bound	.28	
		5% Trimmed Mean		.19	
		Median		.00	
		Variance		.171	
		Std. Deviation		.414	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		0	
		Skewness		1.386	.197
		Kurtosis		-.080	.391
	6.00	Mean		.57	.137
		95% Confidence Interval for Mean	Lower Bound	.27	
			Upper Bound	.87	
		5% Trimmed Mean		.58	
		Median		1.00	
		Variance		.264	
		Std. Deviation		.514	
		Minimum		0	
		Maximum		1	
		Range		1	
		Interquartile Range		1	
		Skewness		-.325	.597
		Kurtosis		-2.241	1.154
	7.00	Mean		.76	.042

Descriptives

Thallium			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.68	
		Upper Bound	.84	
	5% Trimmed Mean		.79	
	Median		1.00	
	Variance		.184	
	Std. Deviation		.429	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		0	
	Skewness		-1.233	.237
	Kurtosis		-.490	.469

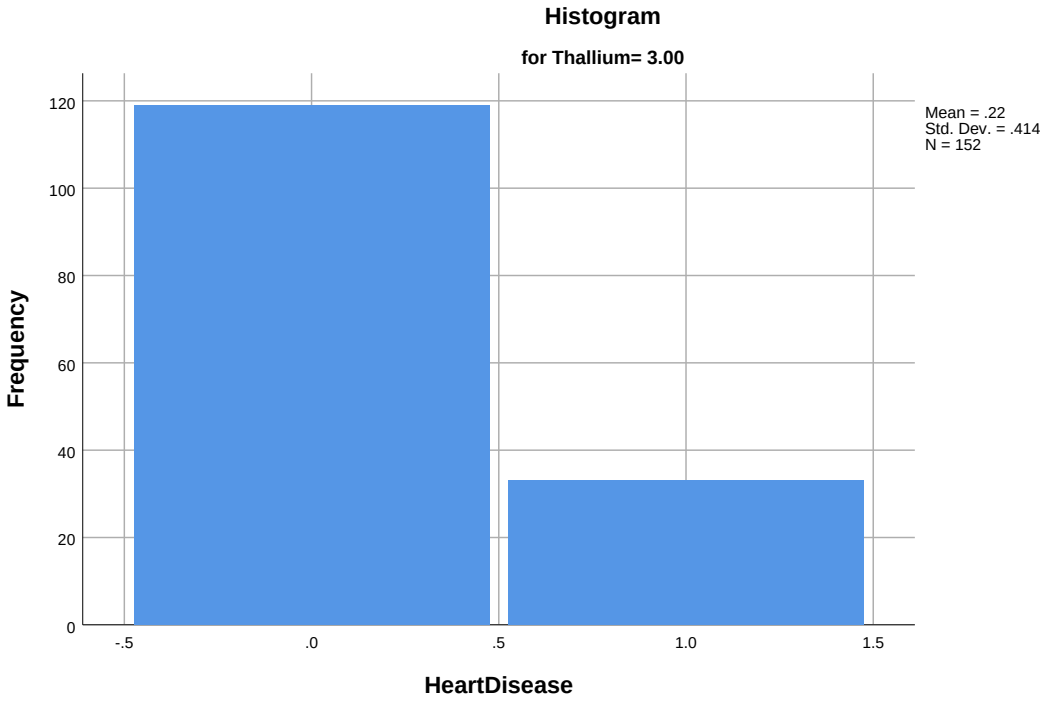
Tests of Normality

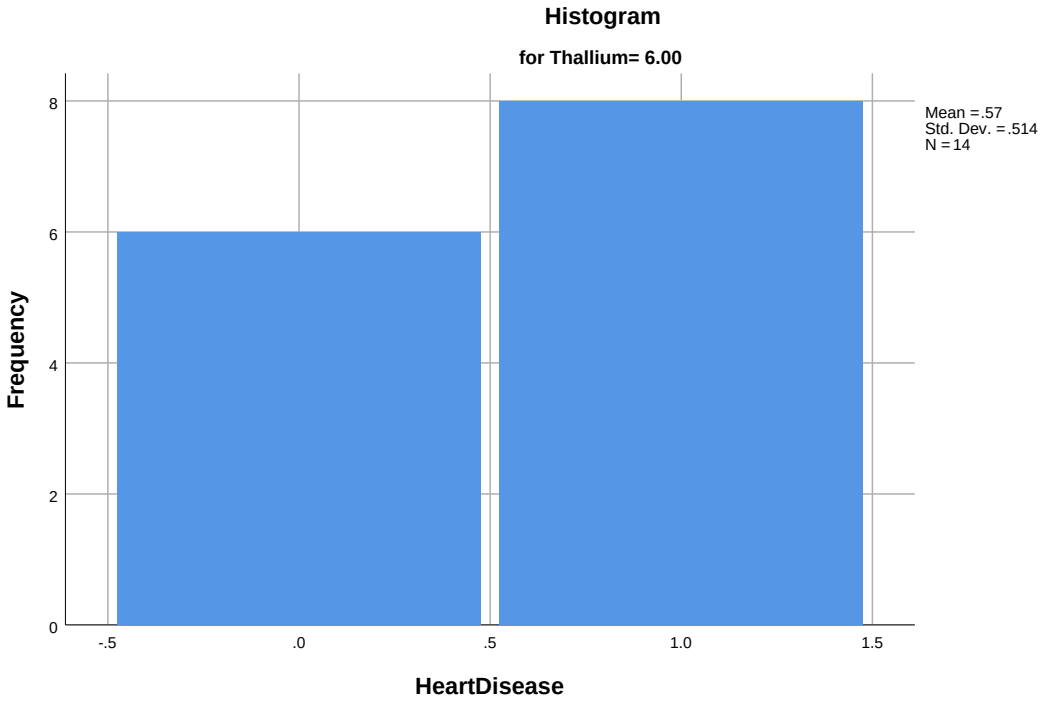
		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Thallium	Statistic	df	Sig.	Statistic	df	Sig.
HeartDisease	3.00	.483	152	.000	.508	152	.000
	6.00	.369	14	.000	.639	14	.000
	7.00	.472	104	.000	.530	104	.000

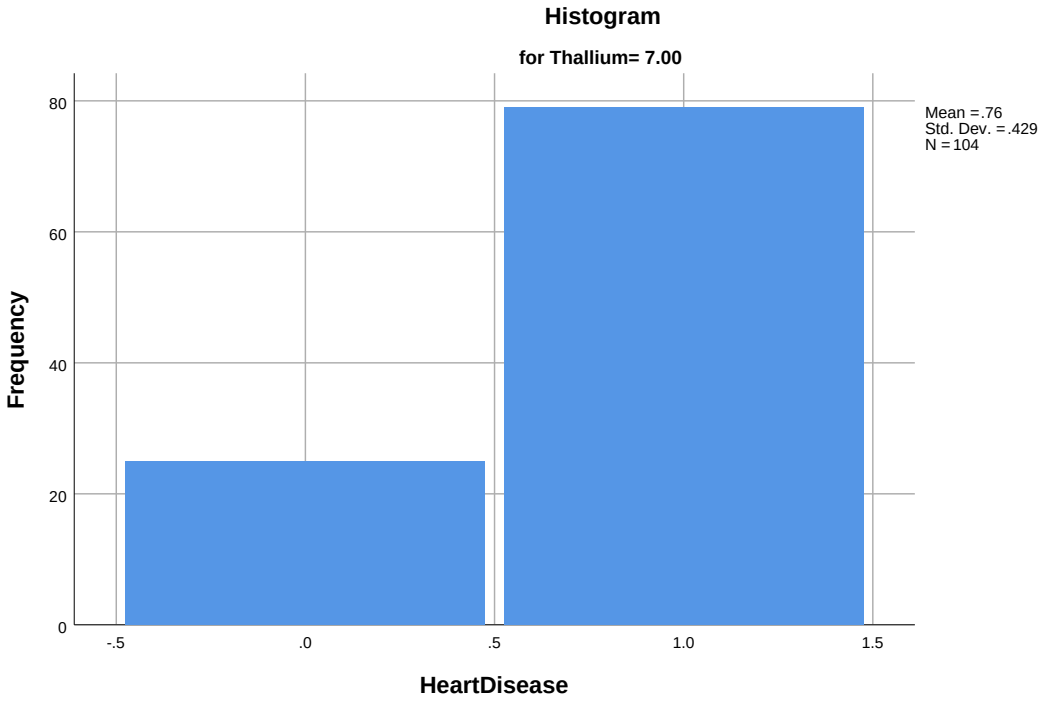
a. Lilliefors Significance Correction

HeartDisease

Histograms


Histogram
for Thallium= 3.00
Mean = .22
Std. Dev. = .414
N = 152
Frequency
120
100
80
60
40
20
0
-.5
.0
.5
1.0
1.5
HeartDisease


Histogram
for Thallium= 6.00
Mean = .57
Std. Dev. = .514
N = 14
Frequency
8
6
4
2
0
-.5
.0
.5
1.0
1.5
HeartDisease



Stem-and-Leaf Plots

HeartDisease Stem-and-Leaf Plot for
Thallium= 3.00

```
 Frequency    Stem &  Leaf

   119.00        0 .  00000000000000000000000000000000000000000000000000000000000
000
    33.00 Extremes    (>=1)

 Stem width:        10
 Each leaf:        2 case(s)
```

HeartDisease Stem-and-Leaf Plot for
Thallium= 6.00

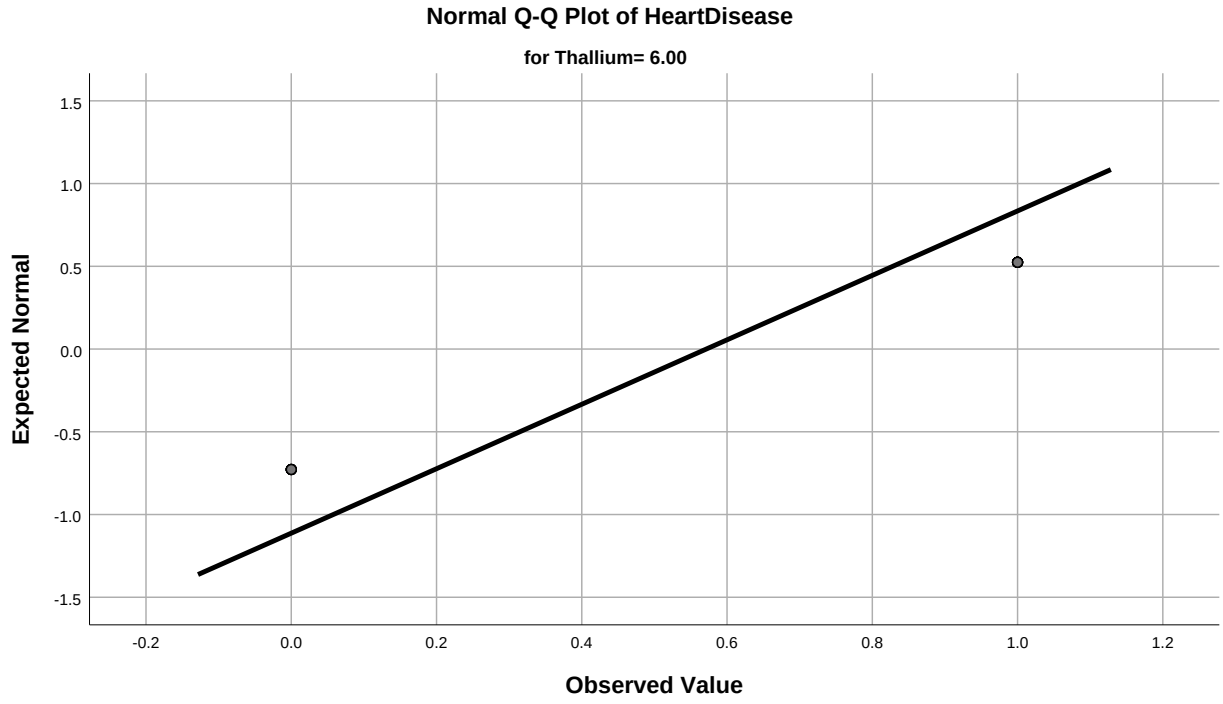
```
 Frequency    Stem &  Leaf

     6.00        0 .  000000
      .00        0 .
```

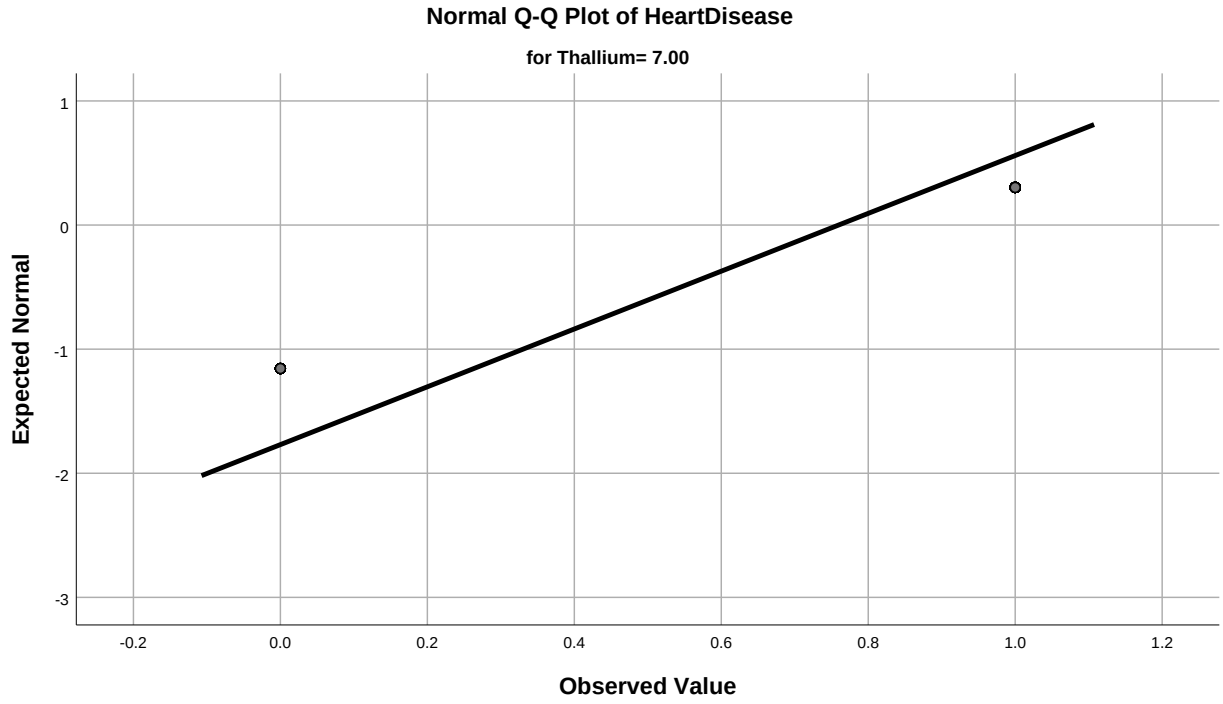
```
     8.00        1 .  00000000

 Stem width:         1
 Each leaf:        1 case(s)
```

```
HeartDisease Stem-and-Leaf Plot for
Thallium= 7.00

 Frequency    Stem &  Leaf

    25.00 Extremes    (=<.0)
    79.00        1 .  0000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000
```

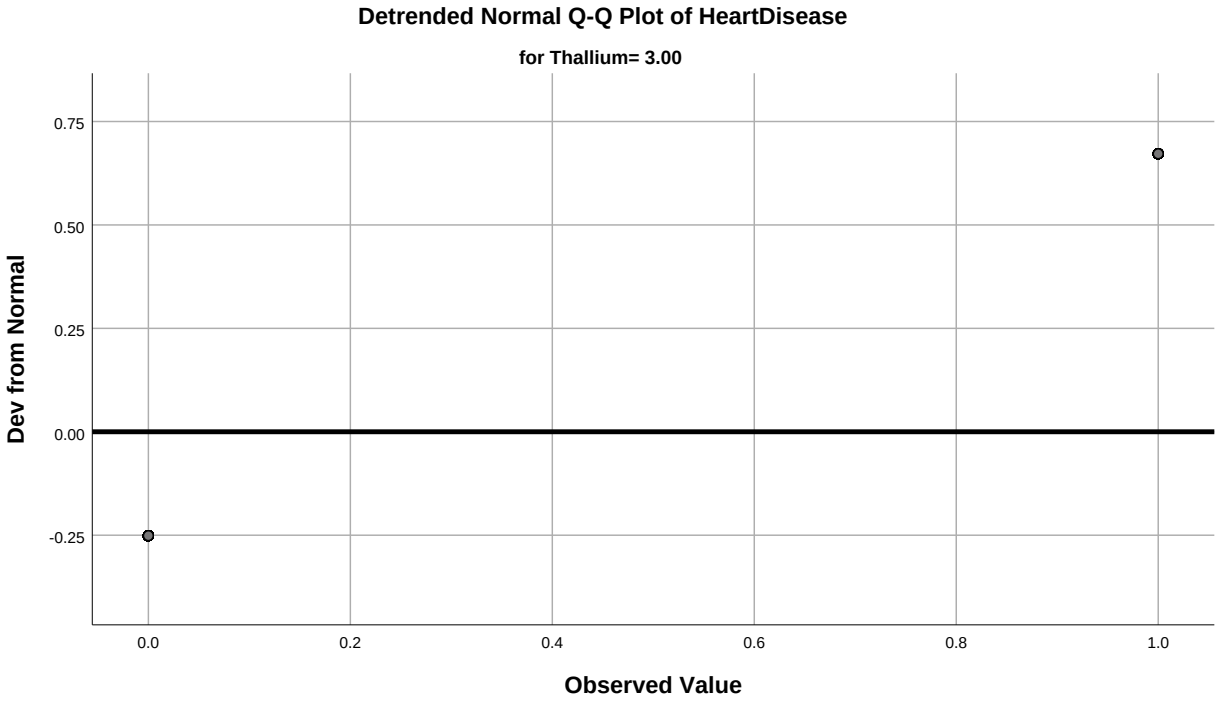
```
 Stem width:         1
 Each leaf:        1 case(s)
```

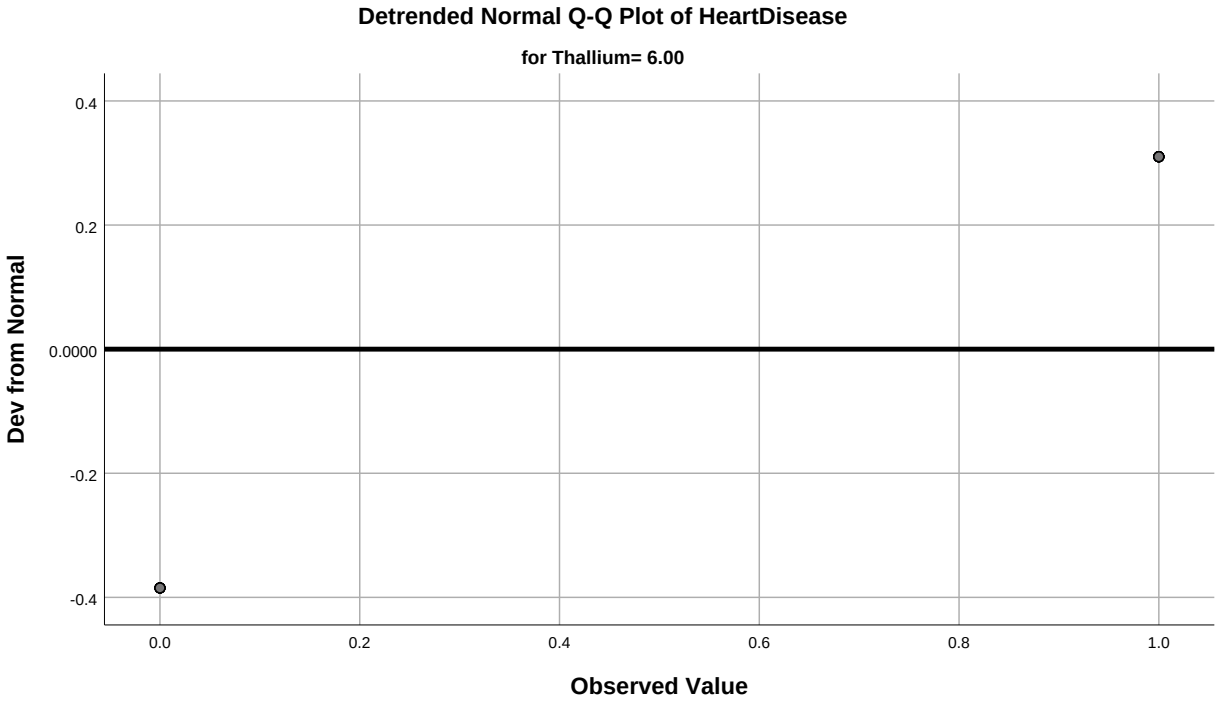
Normal Q-Q Plots

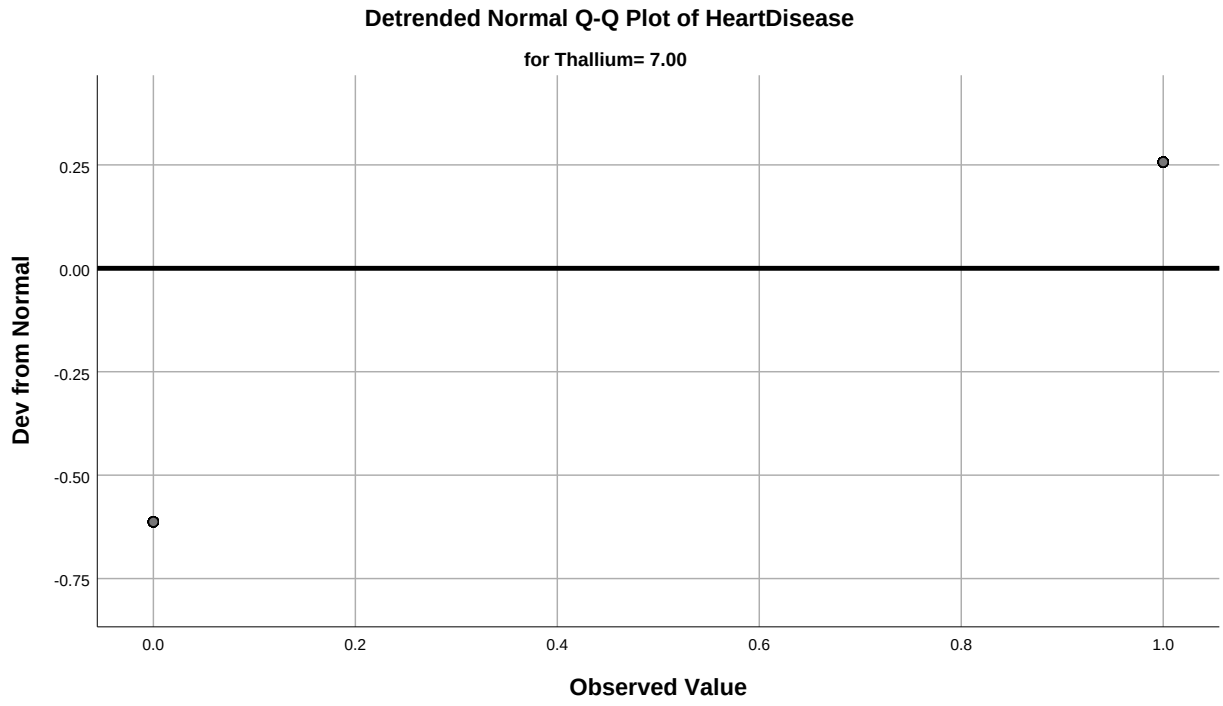




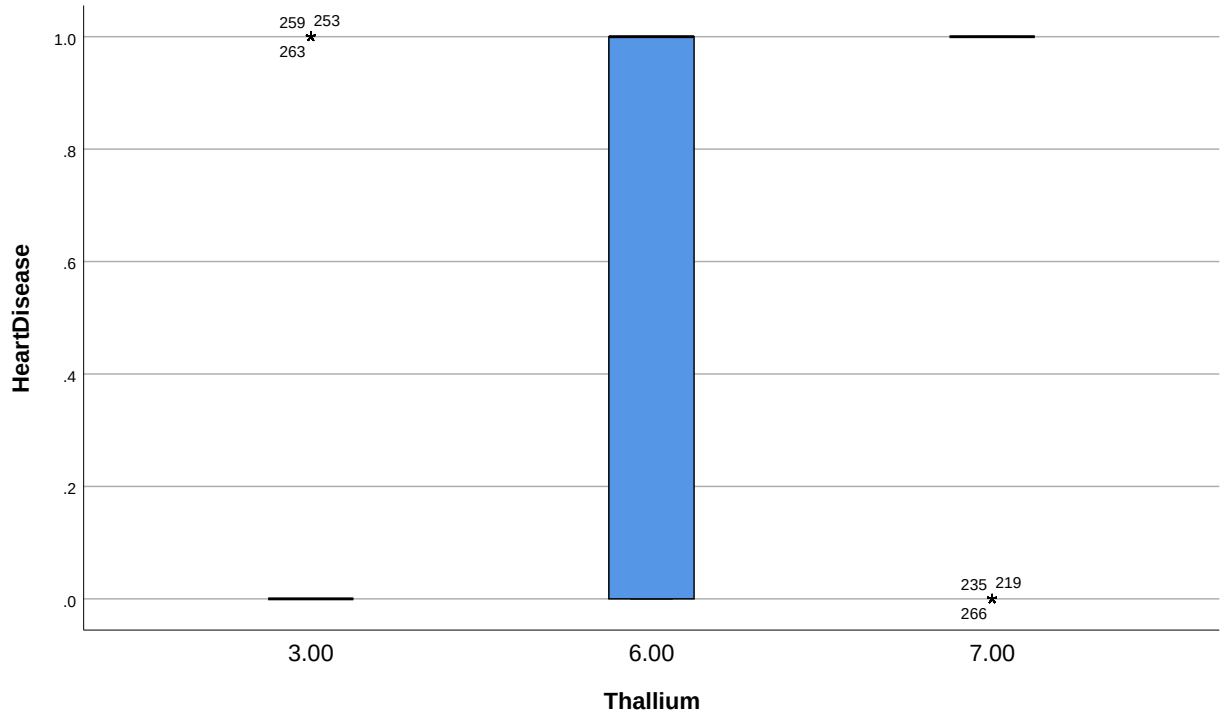
Detrended Normal Q-Q Plots


Detrended Normal Q-Q Plot of HeartDisease
for Thallium= 3.00
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Thallium= 6.00
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value


Detrended Normal Q-Q Plot of HeartDisease
for Thallium= 7.00
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
0.0
0.2
0.4
0.6
0.8
1.0
Observed Value

Boxplots


HeartDisease
1.0
.8
.6
.4
.2
.0
259
253
263
235
219
266
3.00
6.00
7.00
Thallium