Population Descriptives

Population Descriptive Statistics

	N	Mean	Std. Deviation	Variance
Q1	1056	1.751	.963	.928
Q2	1056	1.735	.937	.879
Q3	1056	1.620	.882	.777
Q4	1056	1.663	.873	.761
Q5	1056	1.758	.943	.890
Q6	1056	1.658	.900	.810
Q7	1056	1.625	.916	.839
Valid N (listwise)	1056			

Std. Deviation and Variance use N rather than N-1 in denominators.

Nonparametric Tests

Notes

Output Created	29-DEC-2021 17:20:46
Comments	

Input	Data	C:\Users\pkaml\Documents\Student Feedback Data 2020-21.sav
	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1056

Syntax		NPTESTS
		  /ONESAMPLE TEST (q1 q2 q3 q4 q5 q6 q7)
		  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
		  /CRITERIA ALPHA=0.05 CILEVEL=95 SEED=RANDOM.

Resources	Processor Time	00:00:02.06
	Elapsed Time	00:00:02.05

[DataSet0] C:\Users\pkaml\Documents\Student Feedback Data 2020-21.sav

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.[a,b]	Decisi
1	The categories of Q1 occur with equal probabilities.	One-Sample Chi-Square Test	.000	Reject the nul hypothesis.
2	The categories of Q2 occur with equal probabilities.	One-Sample Chi-Square Test	.000	Reject the nul hypothesis.
3	The categories of Q3 occur with equal probabilities.	One-Sample Chi-Square Test	.000	Reject the nul hypothesis.
4	The categories of Q4 occur with equal probabilities.	One-Sample Chi-Square Test	.000	Reject the nul hypothesis.
5	The categories of Q5 occur with equal probabilities.	One-Sample Chi-Square Test	.000	Reject the nul hypothesis.

| 6 | The categories of Q6 occur with equal probabilities. | One-Sample Chi-Square Test | .000 | Reject the nul hypothesis. |
| 7 | The categories of Q7 occur with equal probabilities. | One-Sample Chi-Square Test | .000 | Reject the nul hypothesis. |

a. The significance level is .050.

b. Asymptotic significance is displayed.

One-Sample Chi-Square Test

Q1

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	546.356[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.
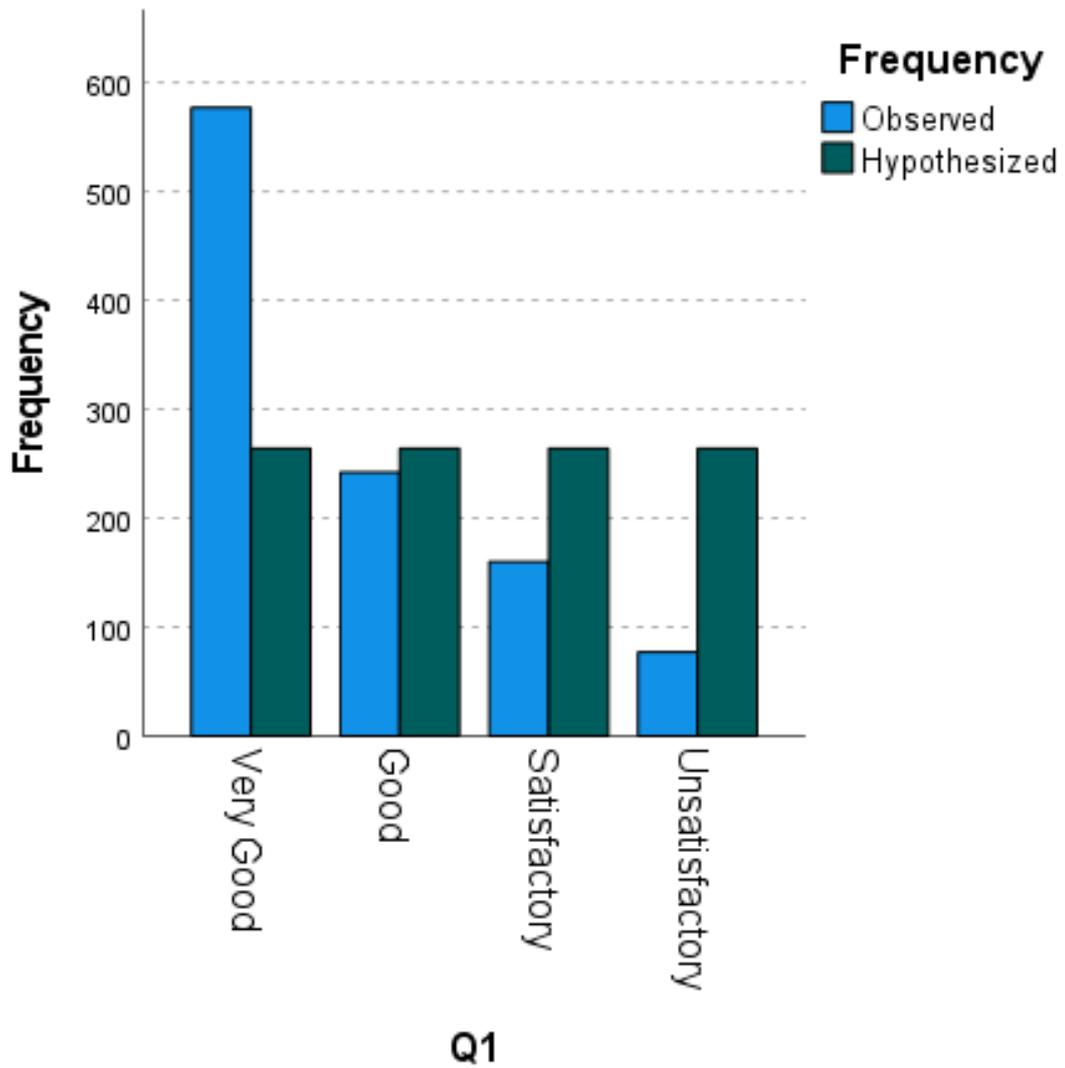
Q2

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	543.295[a]
Degree Of Freedom	3

Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.
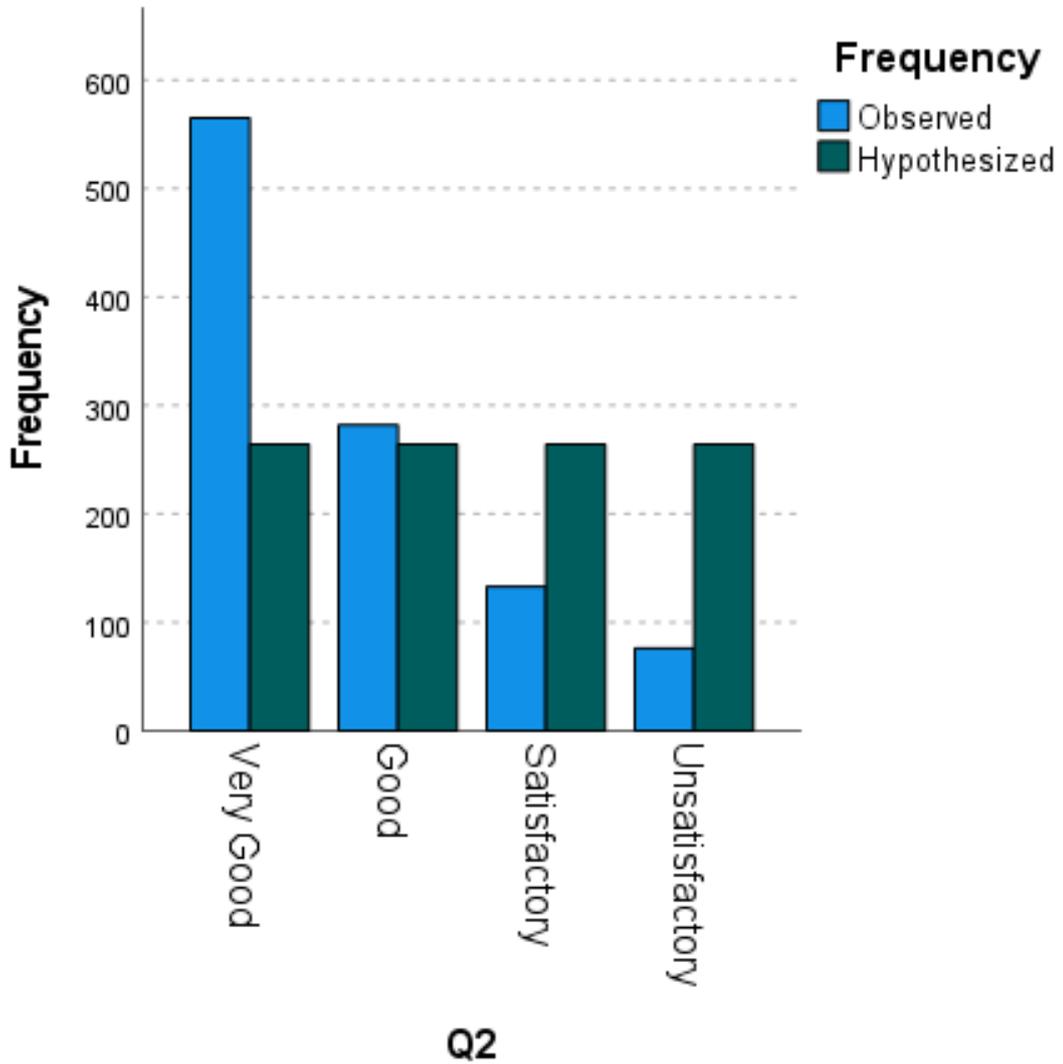
Q3

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	749.629[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.
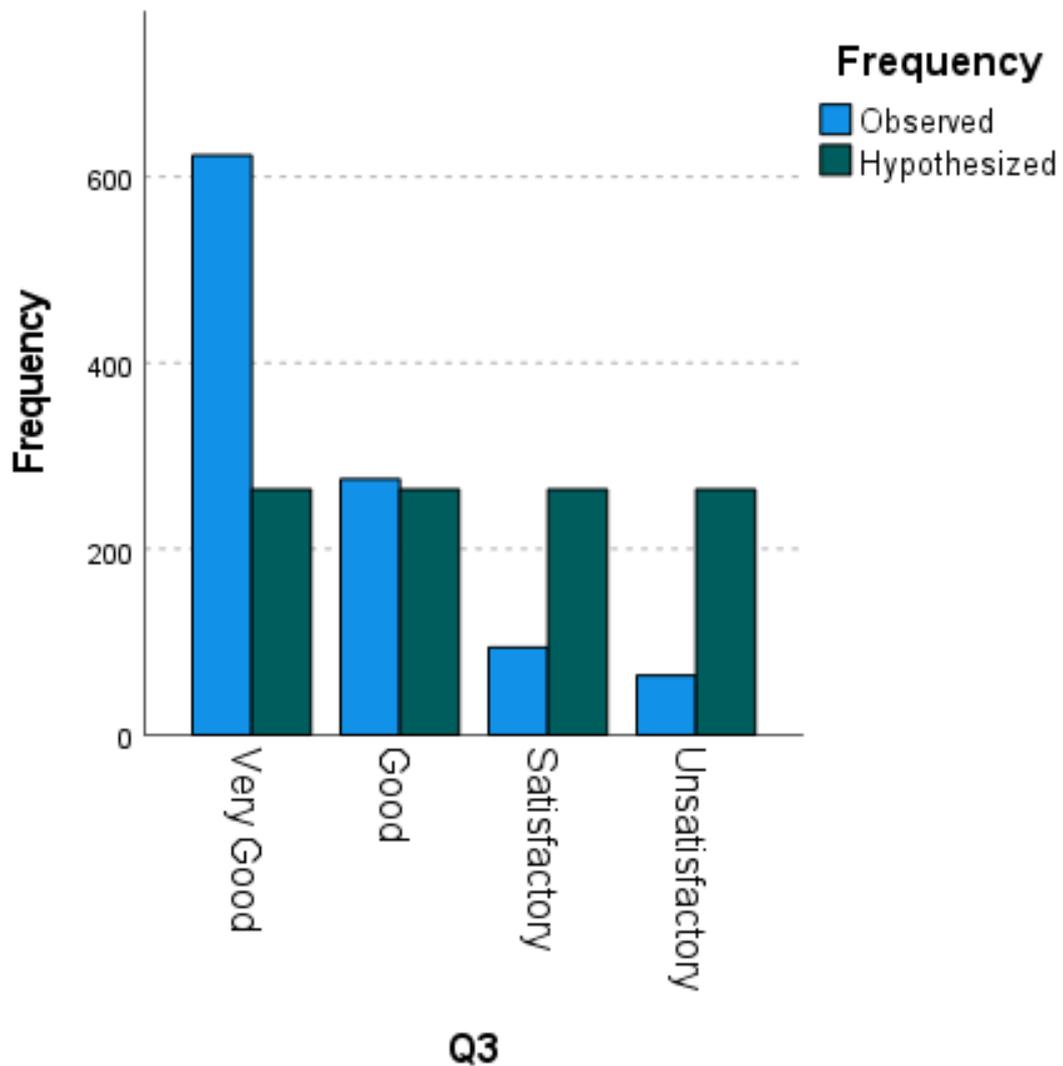
Q4

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	651.939[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000
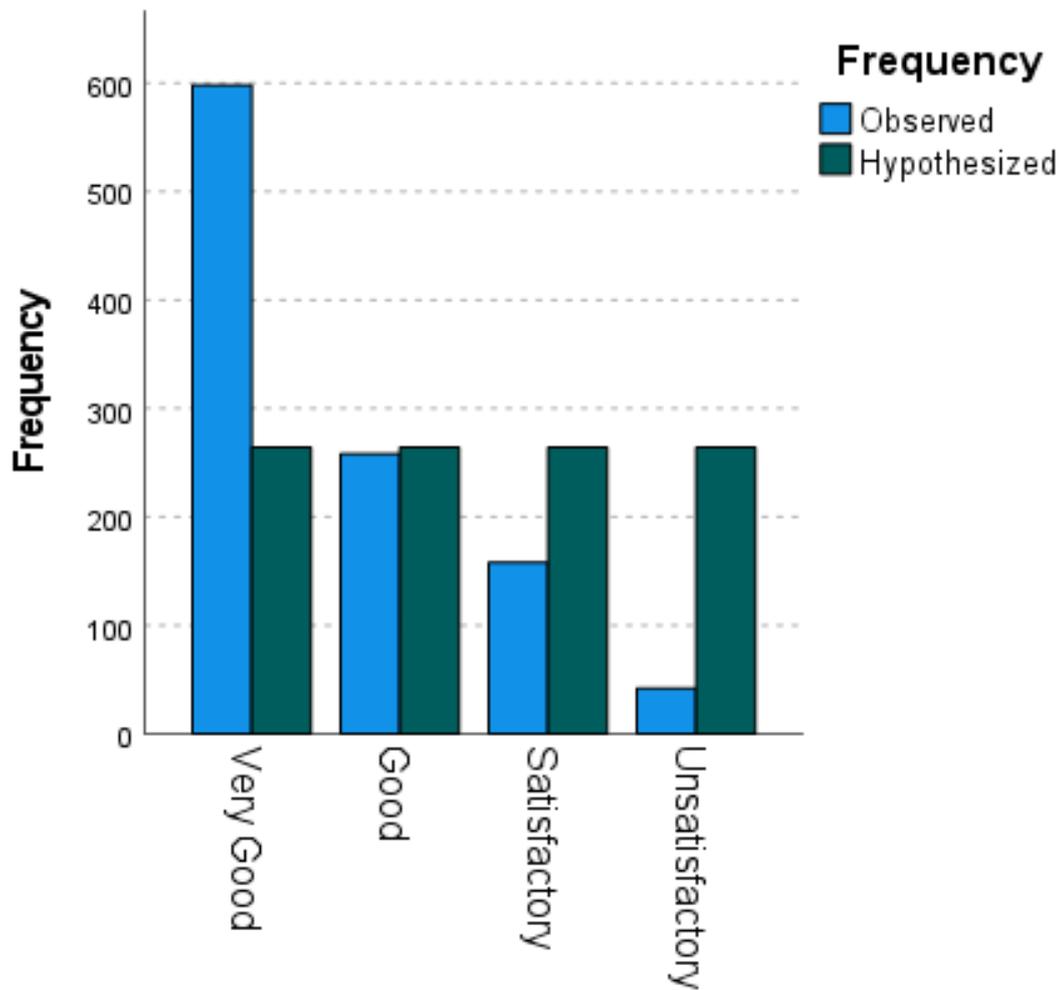
a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.

Q5

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	512.326[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.

Q5
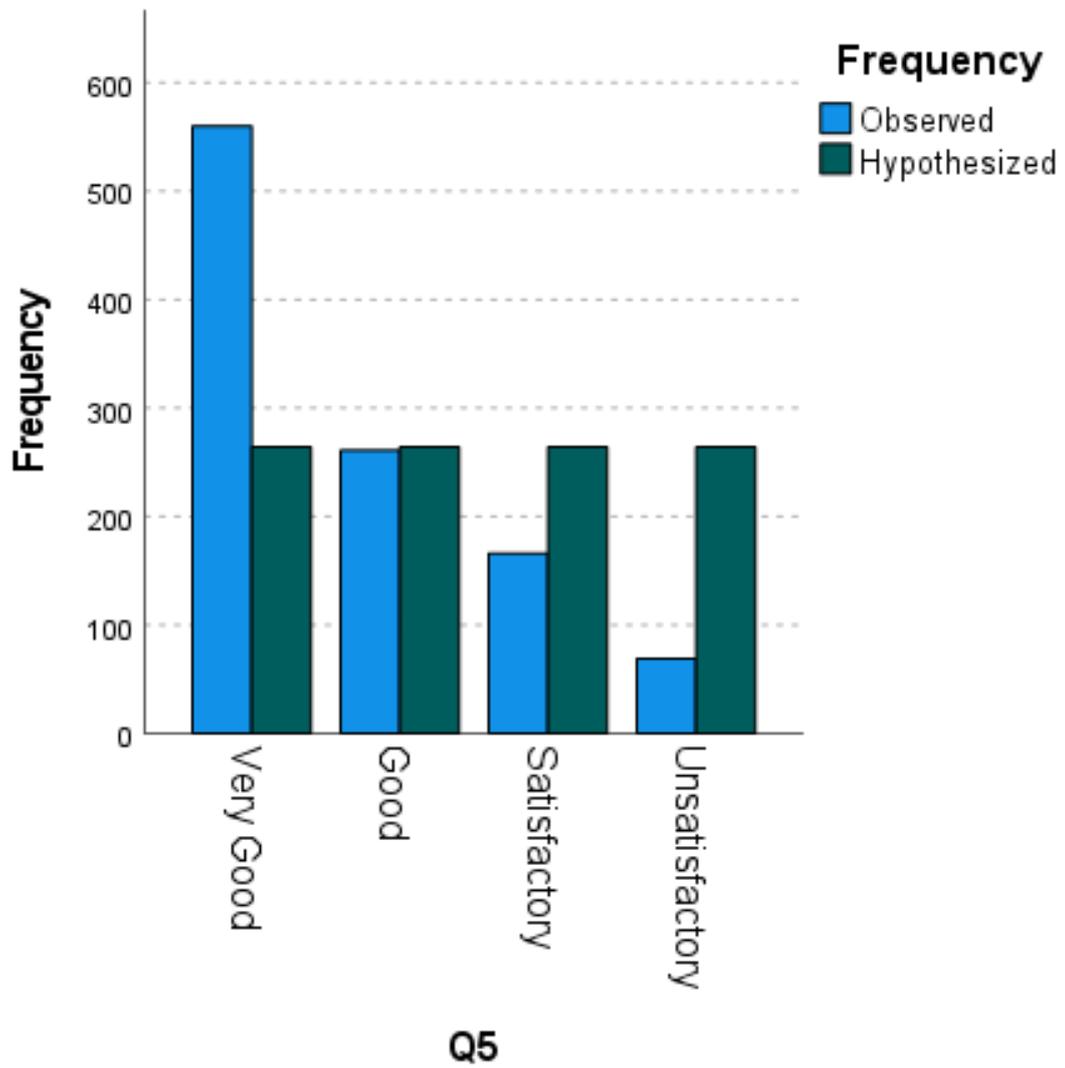
Q6

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	695.235[a]
Degree Of Freedom	3

Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.
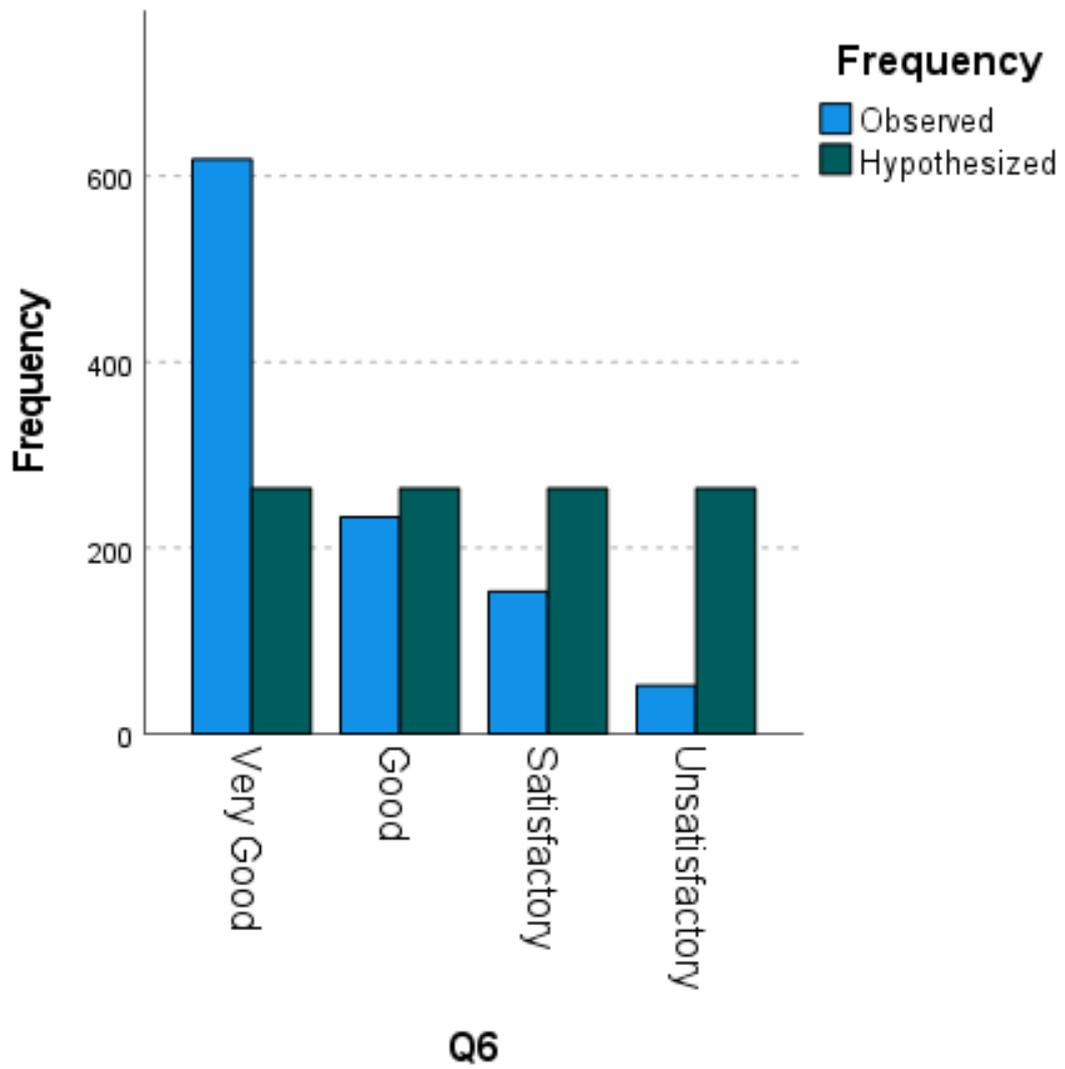
Q7

One-Sample Chi-Square Test Summary

Total N	1056
Test Statistic	783.295[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 264.
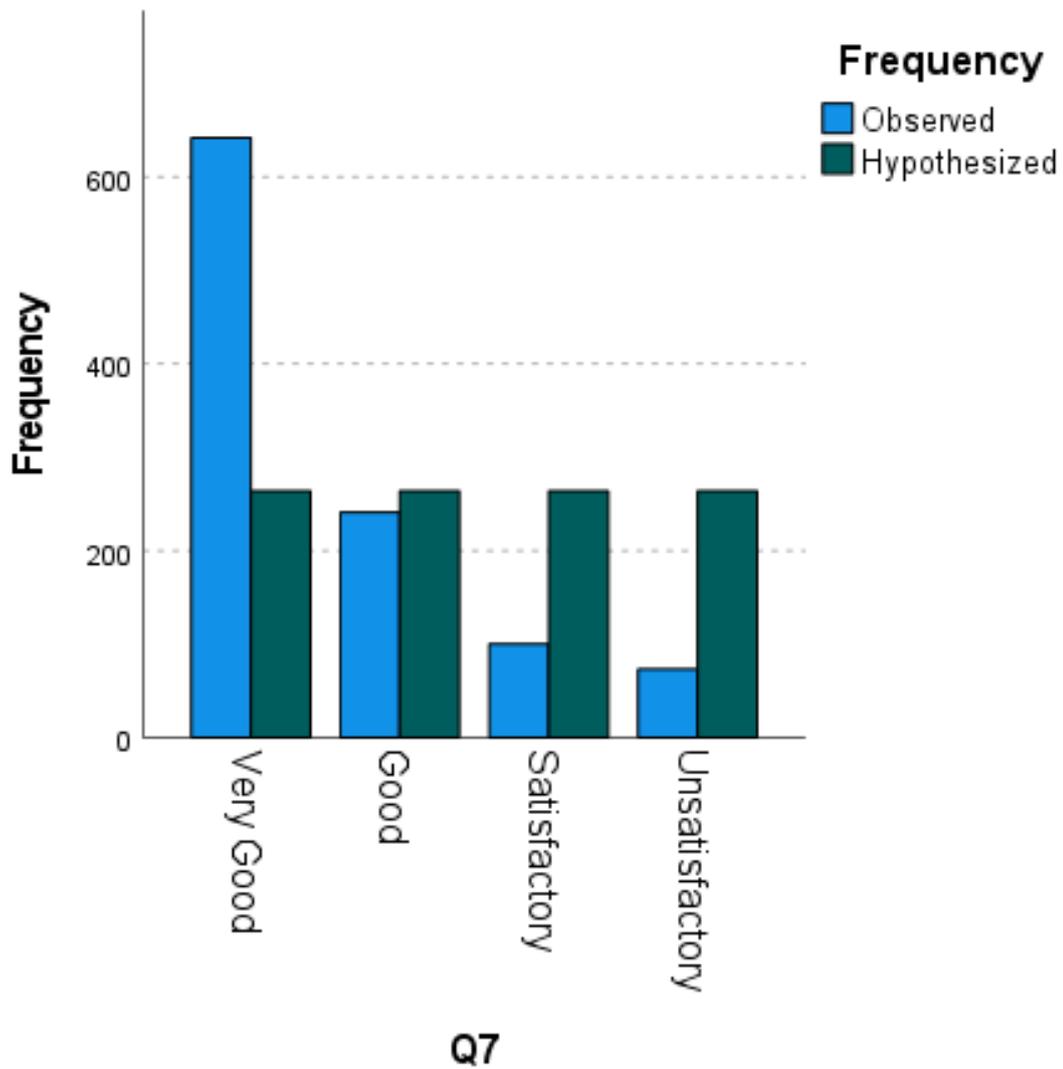
Categorical Field Information Q1

Total N = 1056
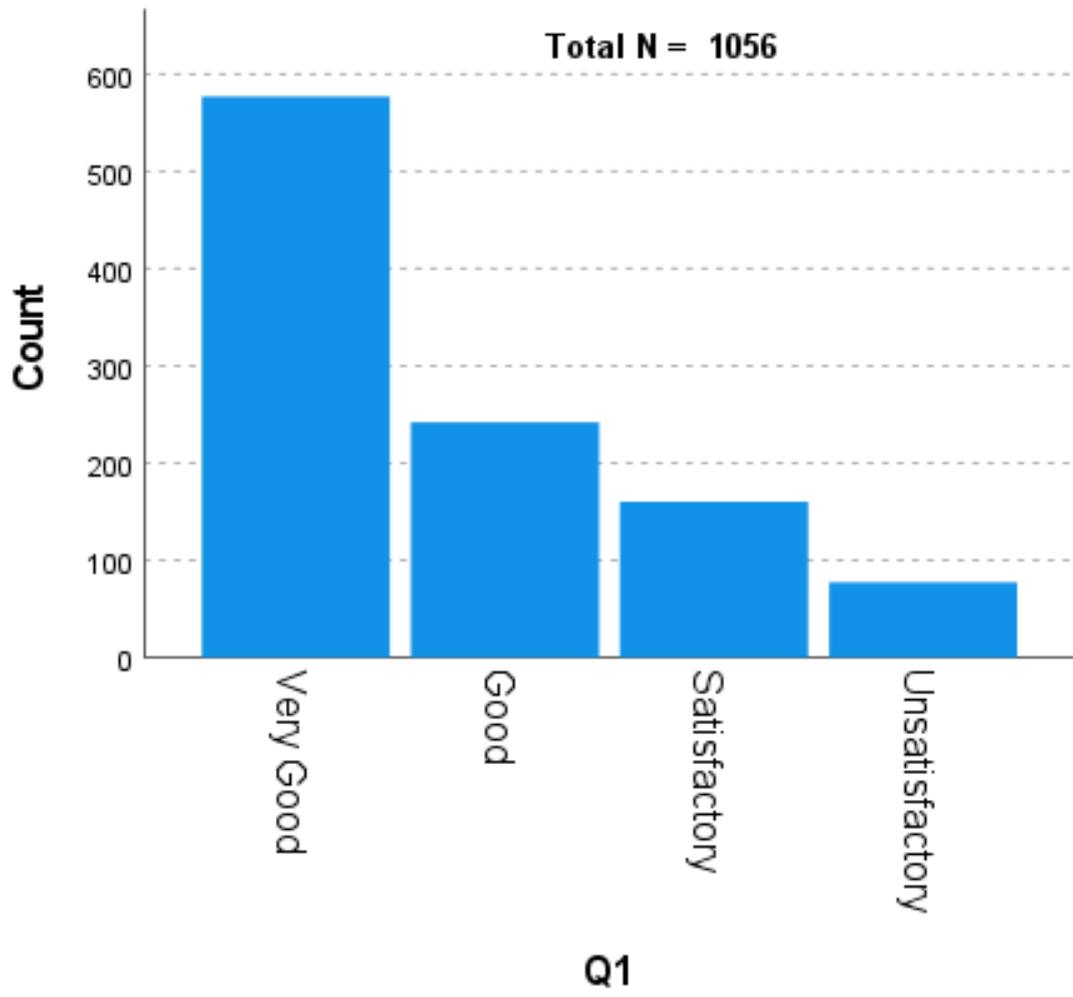
Categorical Field Information Q2

Total N = 1056

Count

600

500

400

300

200

100

0

Very Good

Good

Satisfactory

Unsatisfactory

Q2
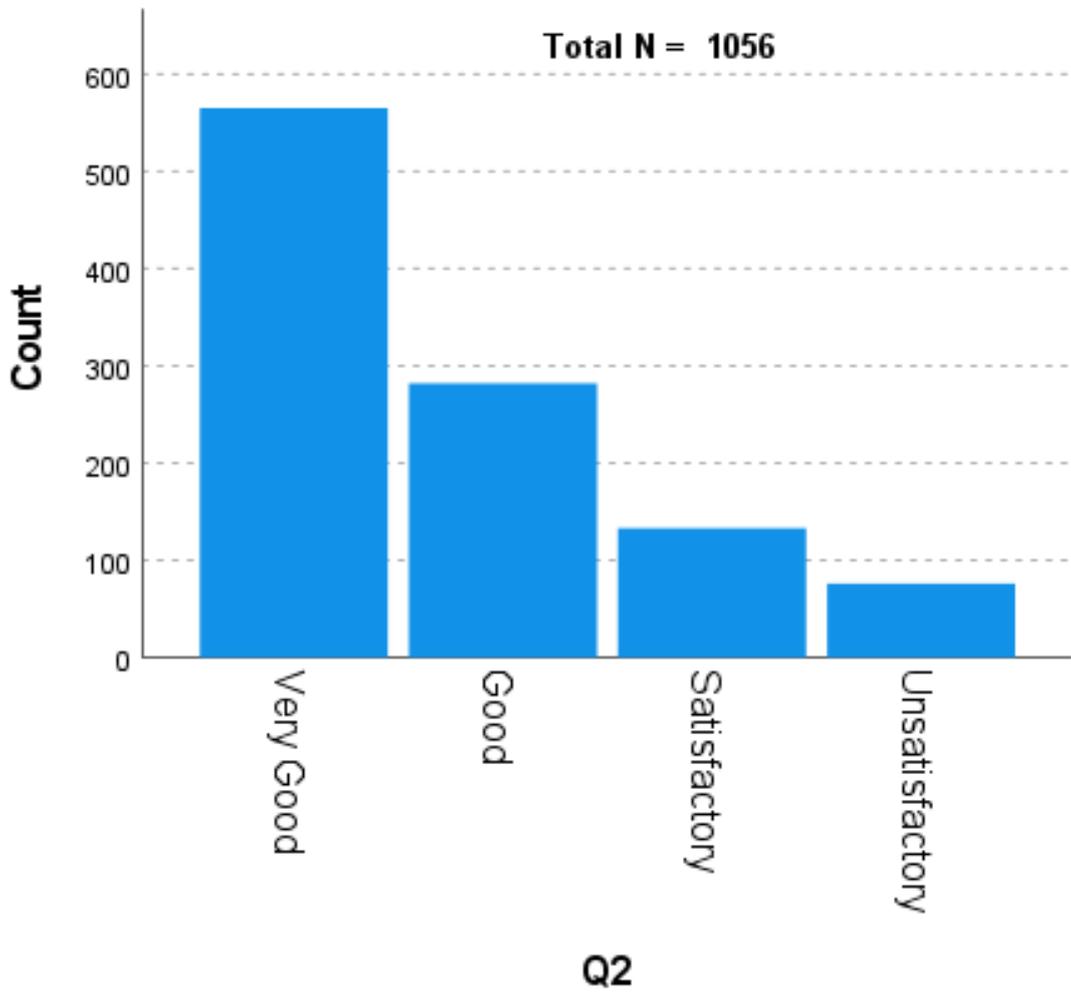
Categorical Field Information Q3

Total N = 1056

Count (y-axis): 0, 200, 400, 600

Q3 (x-axis): Very Good, Good, Satisfactory, Unsatisfactory
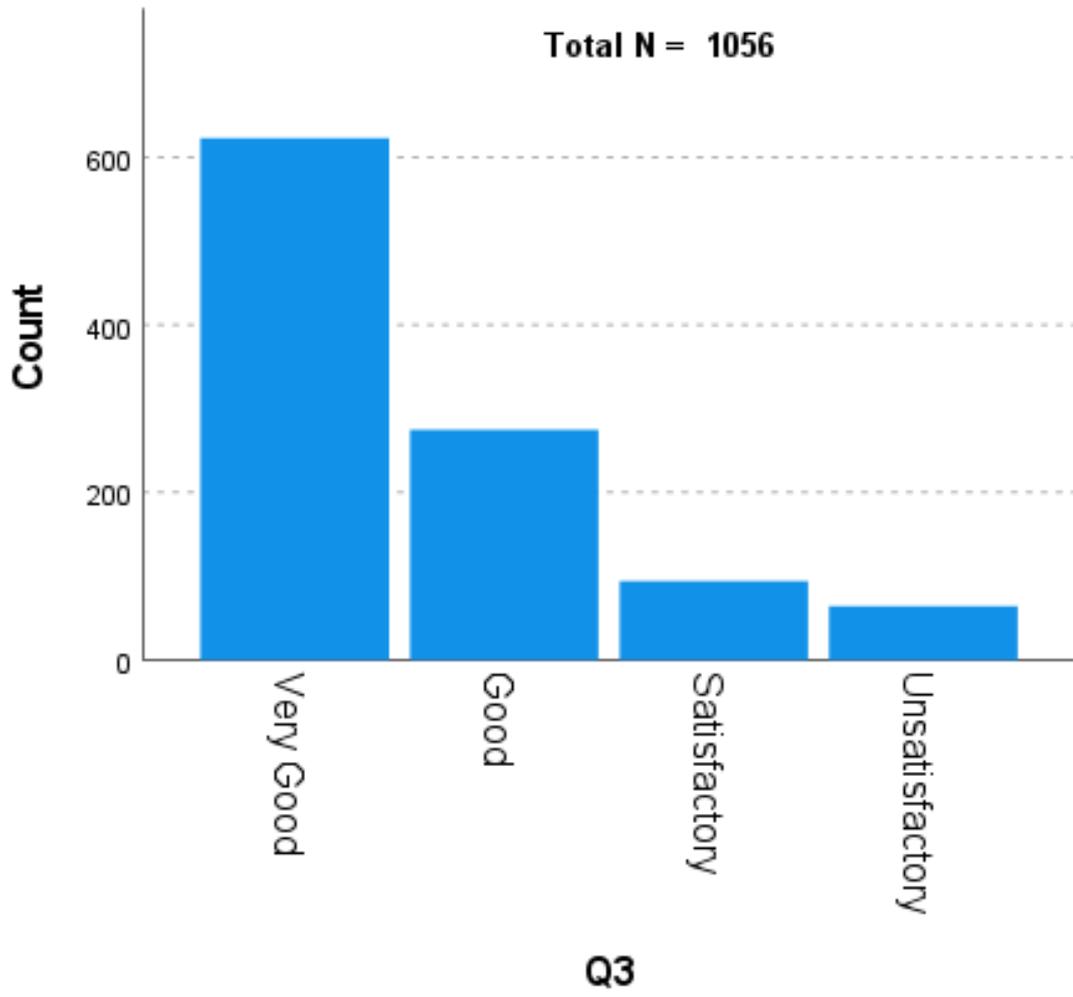
Categorical Field Information Q4

Total N = 1056

Q4
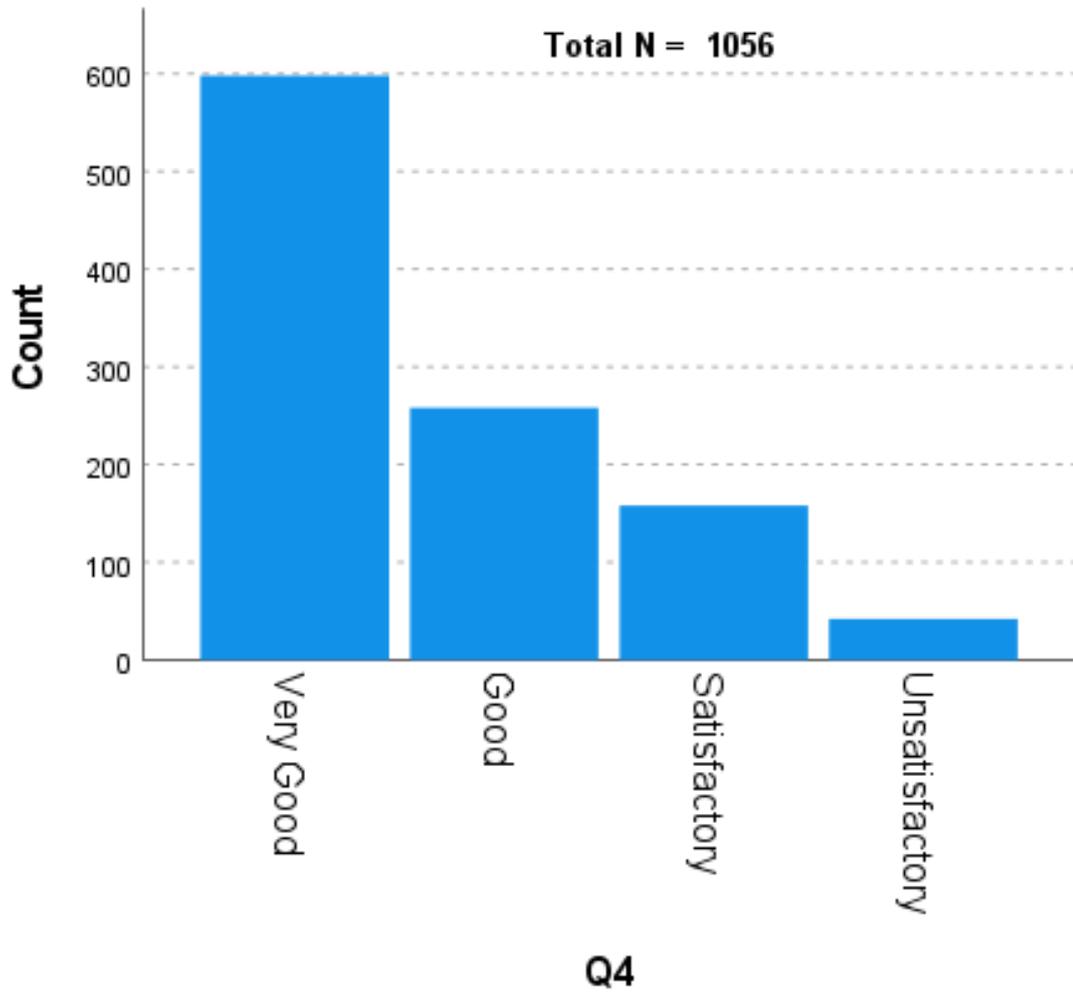
Categorical Field Information Q5

Total N = 1056

Q5
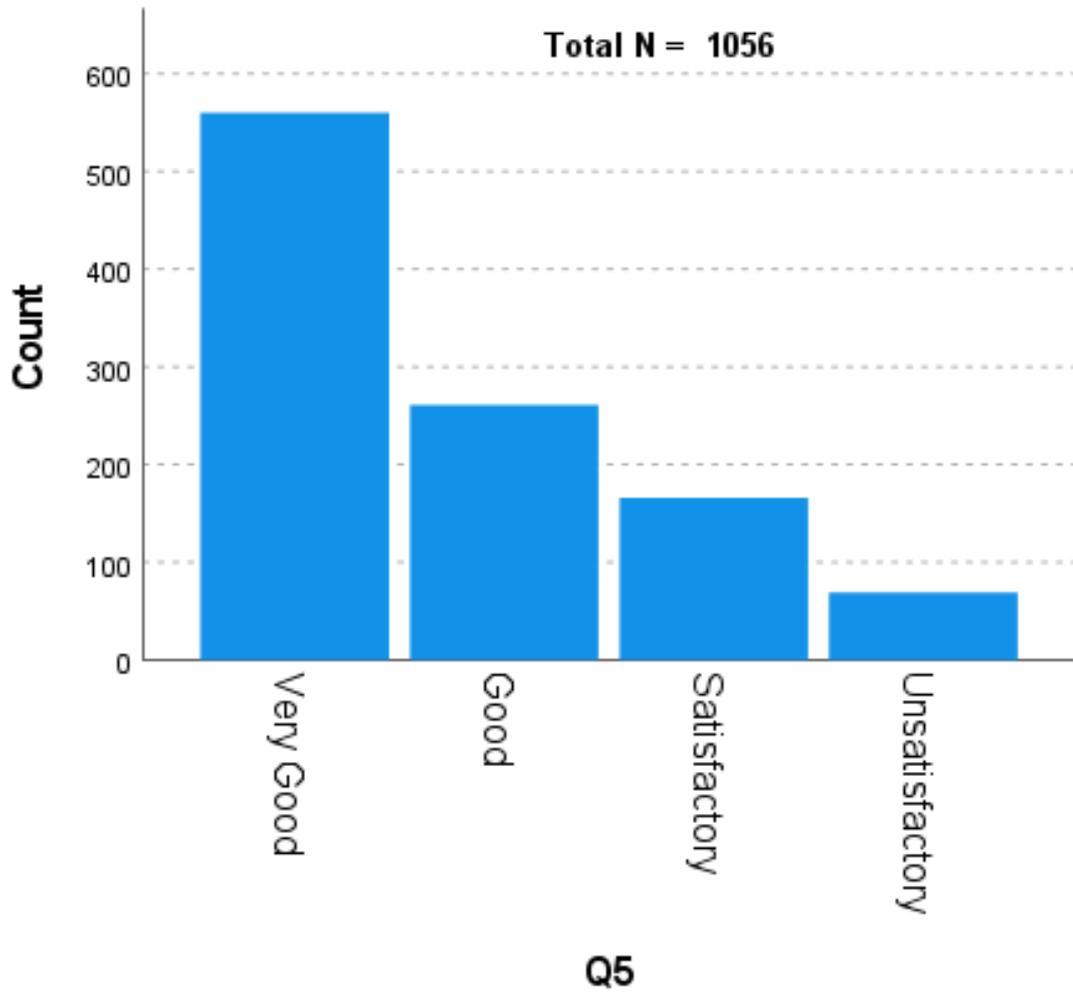
Categorical Field Information Q6

Total N = 1056
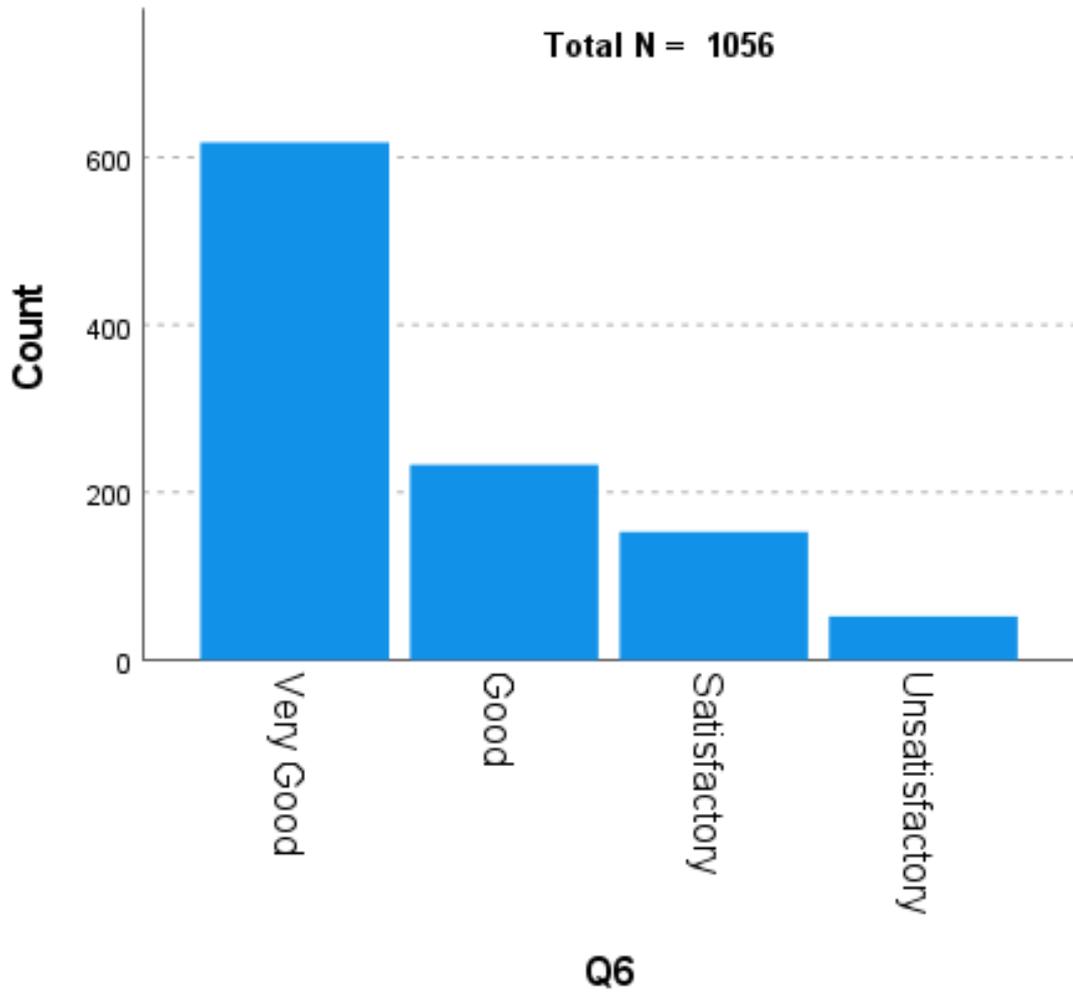
Categorical Field Information Q7

Total N = 1056
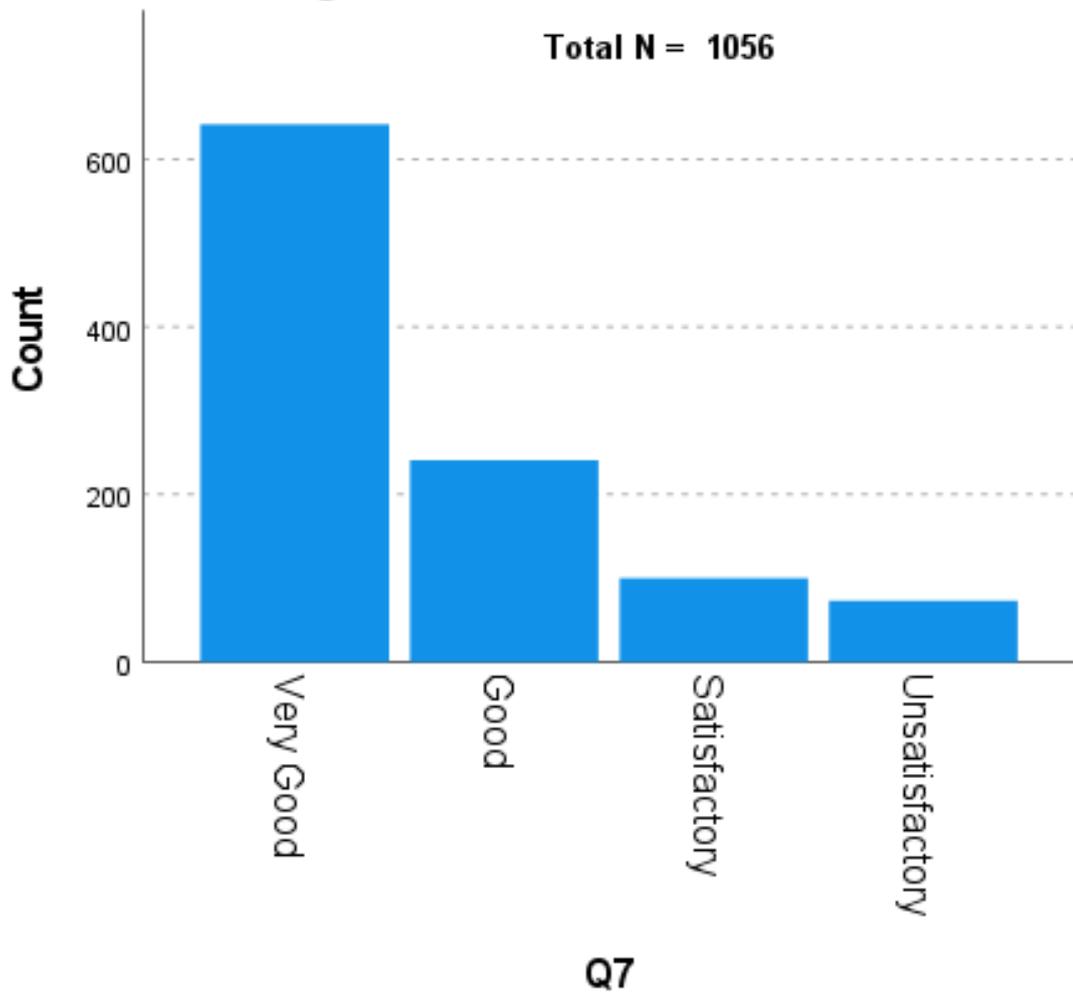
T-Test

Notes

Output Created	29-DEC-2021 17:20:57
Comments	

Input	Data	C:\Users\pkaml\Documents\Student Feedback Data 2020-21.sav
	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1056
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST 　/TESTVAL=0 　/MISSING=ANALYSIS 　/VARIABLES=Q1 Q2 Q3 Q4 Q5 Q6 Q7 　/ES DISPLAY(TRUE) 　/CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Q1	1056	1.7509	.96355	.02965
Q2	1056	1.7348	.93776	.02886
Q3	1056	1.6203	.88201	.02714
Q4	1056	1.6629	.87297	.02686
Q5	1056	1.7576	.94390	.02905
Q6	1056	1.6581	.90055	.02771
Q7	1056	1.6250	.91615	.02819

One-Sample Test

Test Value = 0

	t	df	Significance One-Sided p	Two-Sided p	Mean Difference	95% Confidence Interval the Difference Lower	Upper
Q1	59.051	1055	.000	.000	1.75095	1.6928	1.8
Q2	60.118	1055	.000	.000	1.73485	1.6782	1.7
Q3	59.696	1055	.000	.000	1.62027	1.5670	1.6
Q4	61.901	1055	.000	.000	1.66288	1.6102	1.7
Q5	60.509	1055	.000	.000	1.75758	1.7006	1.8
Q6	59.834	1055	.000	.000	1.65814	1.6038	1.7
Q7	57.639	1055	.000	.000	1.62500	1.5697	1.6

One-Sample Effect Sizes

		Standardizer [a]	Point Estimate	95% Confidence Interval Lower	Upper
Q1	Cohen's d	.96355	1.817	1.719	1.915
	Hedges' correction	.96424	1.816	1.718	1.914
Q2	Cohen's d	.93776	1.850	1.750	1.949
	Hedges' correction	.93843	1.849	1.749	1.948
Q3	Cohen's d	.88201	1.837	1.738	1.936
	Hedges' correction	.88264	1.836	1.737	1.934
Q4	Cohen's d	.87297	1.905	1.803	2.006
	Hedges' correction	.87359	1.904	1.802	2.004
Q5	Cohen's d	.94390	1.862	1.762	1.962
	Hedges' correction	.94457	1.861	1.761	1.960
Q6	Cohen's d	.90055	1.841	1.742	1.940
	Hedges' correction	.90119	1.840	1.741	1.939
Q7	Cohen's d	.91615	1.774	1.677	1.870
	Hedges' correction	.91681	1.772	1.676	1.869

a. The denominator used in estimating the effect sizes.

Cohen's d uses the sample standard deviation.

Hedges' correction uses the sample standard deviation, plus a correction factor.