Population Descriptives

Population Descriptive Statistics

	N	Mean	Std. Deviation	Variance
Q1	968	1.752	.966	.932
Q2	968	1.729	.928	.861
Q3	968	1.635	.884	.781
Q4	968	1.668	.873	.763
Q5	968	1.759	.936	.877
Q6	968	1.649	.890	.792
Q7	968	1.619	.902	.814
Valid N (listwise)	968			

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

Nonparametric Tests

Notes

Output Created	29-DEC-2021 17:13:52
Comments	

Input	Data	C:\Users\pkaml\Documents\Student Feedback Data 2019-20.sav
	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	968

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	00:00:02.14
	Elapsed Time	00:00:02.16

[DataSet0] C:\Users\pkaml\Documents\Student Feedback Data 2019-20.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.

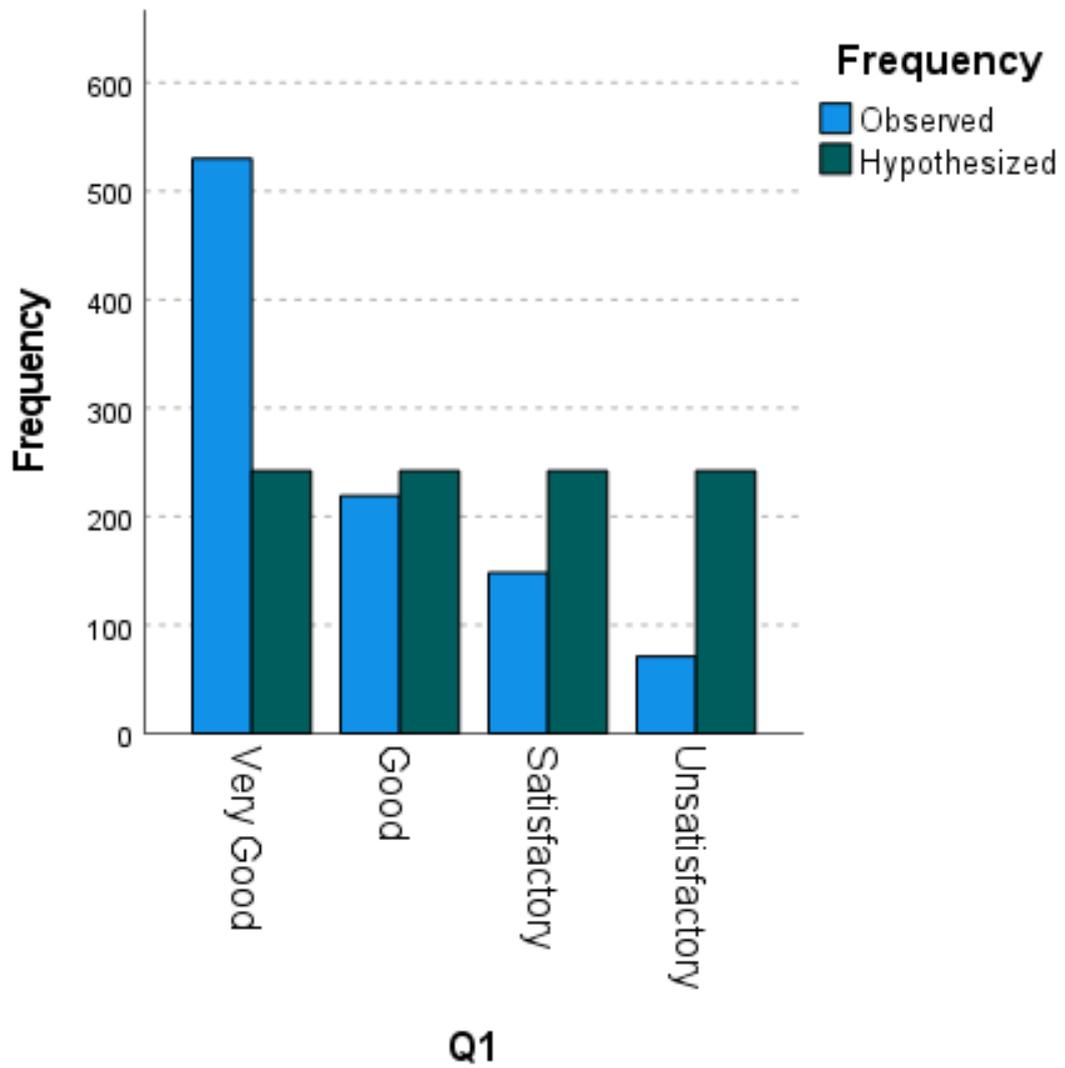b. Asymptotic significance is displayed.

One-Sample Chi-Square Test

Q1

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	502.273[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 242.
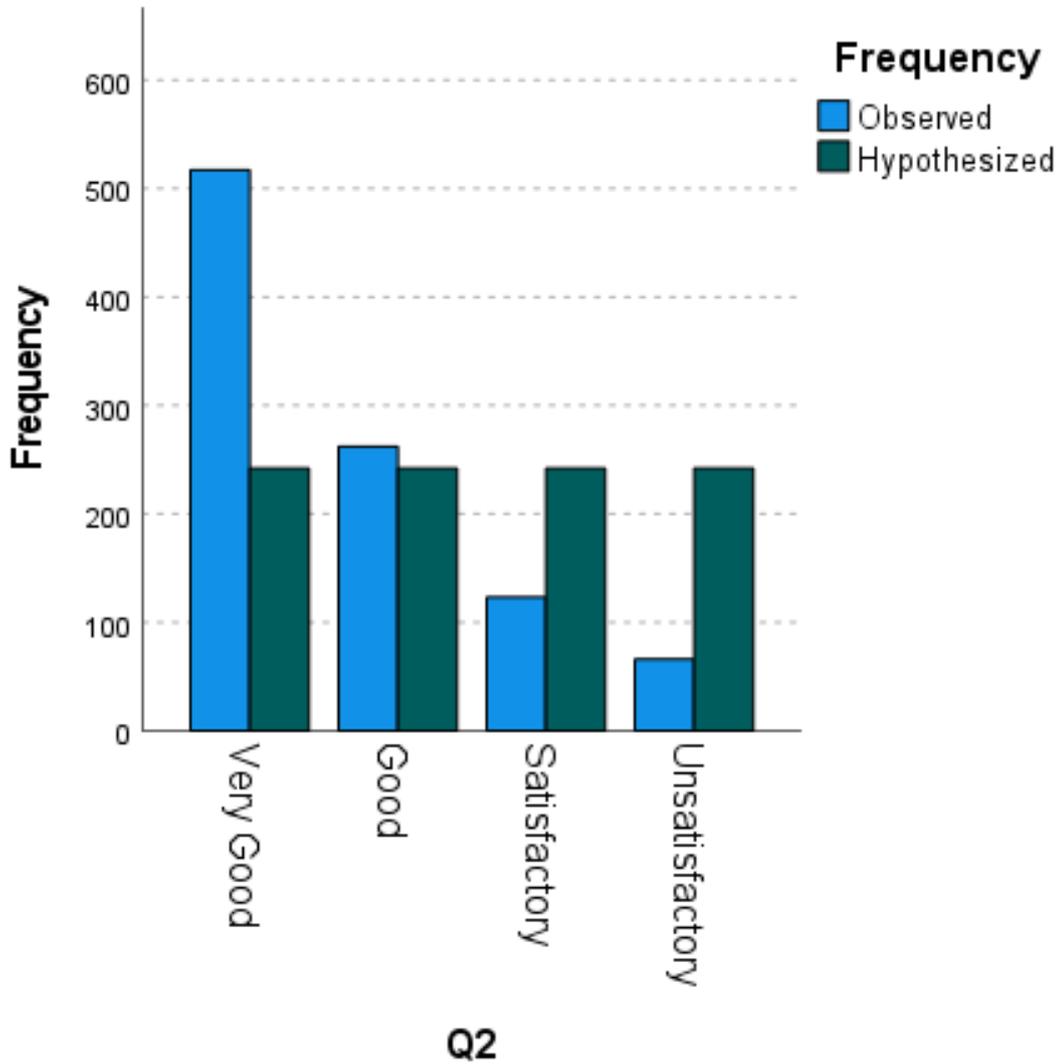
Q2

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	500.669[a]
Degree Of Freedom	3

Asymptotic Sig.(2-sided test)	.000

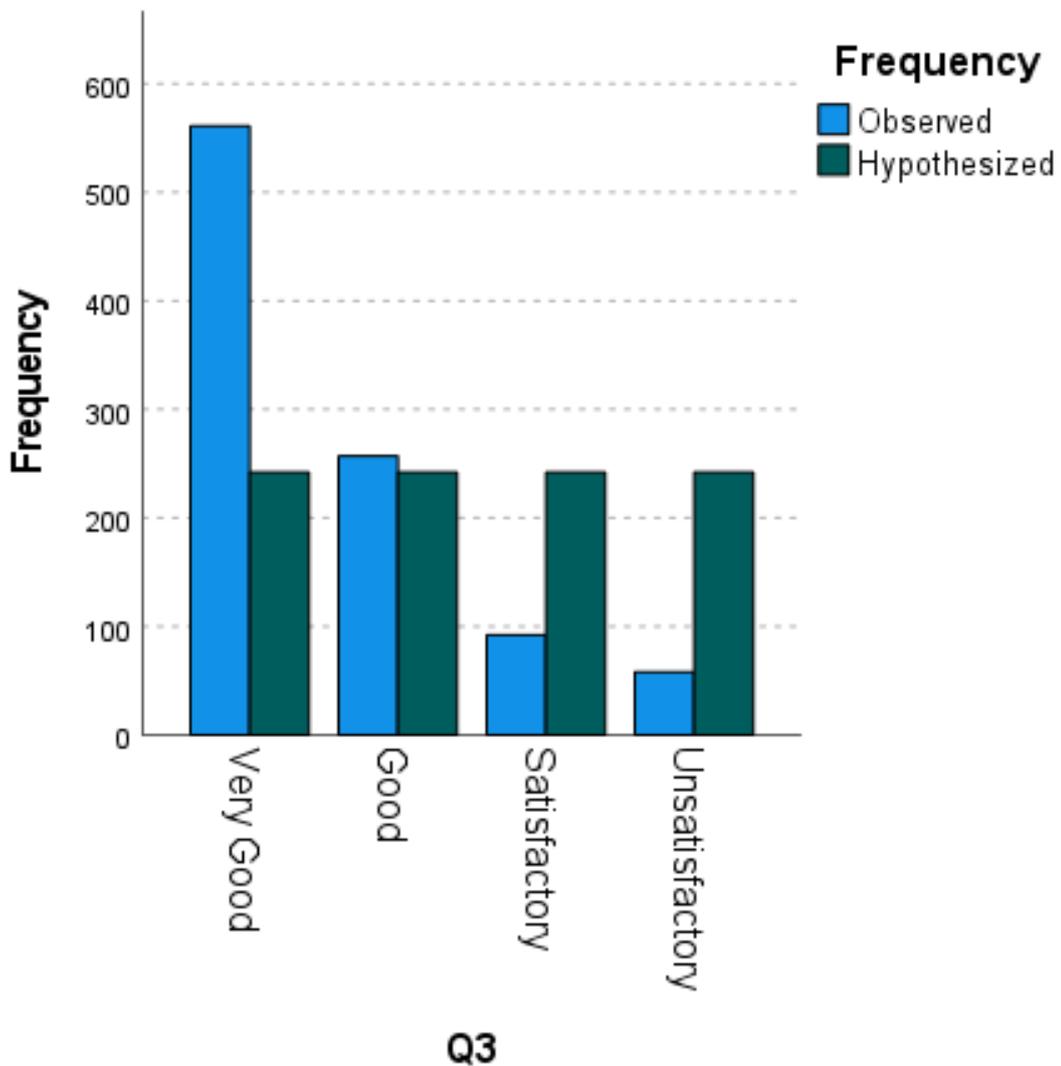a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 242.

Q3

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	654.306[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

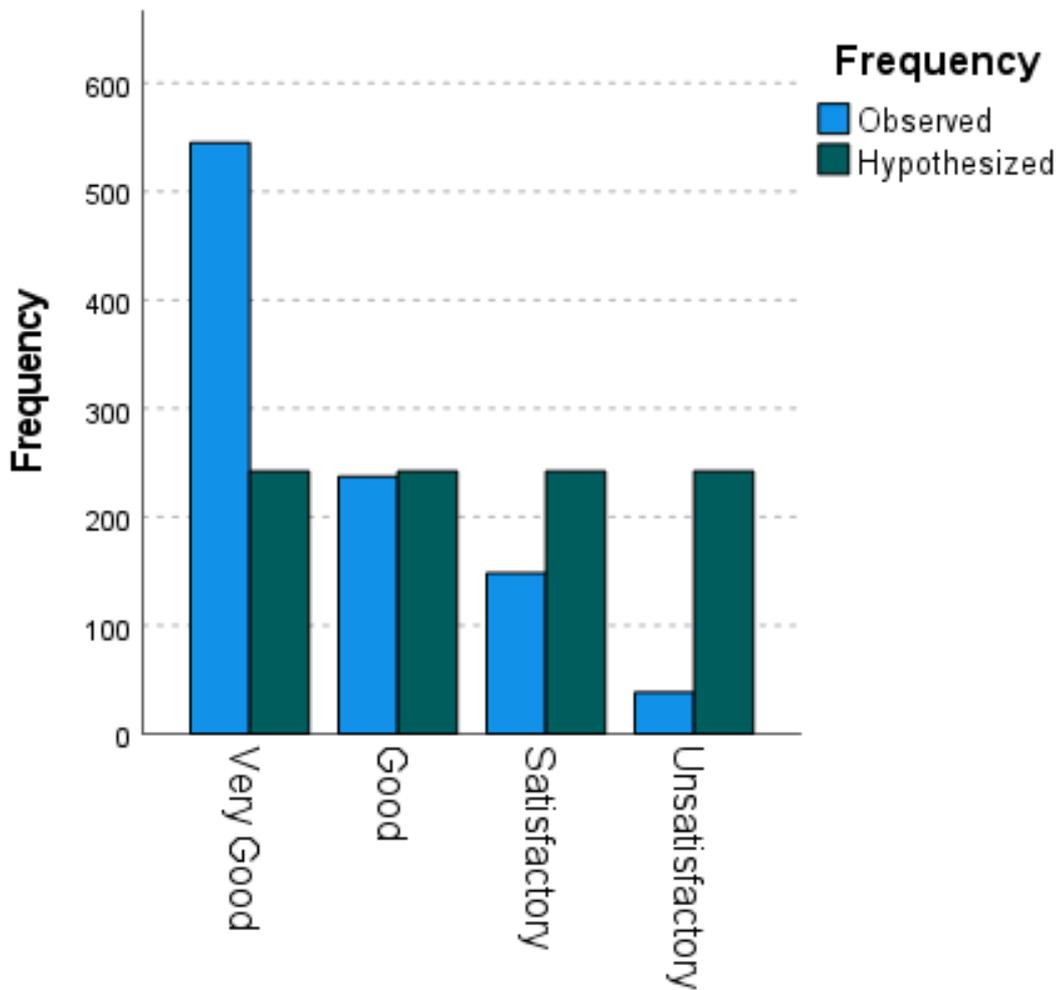a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 242.

Q4

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	587.959[a]
Degree Of Freedom	3
Asymptotic Sig.(2-sided test)	.000

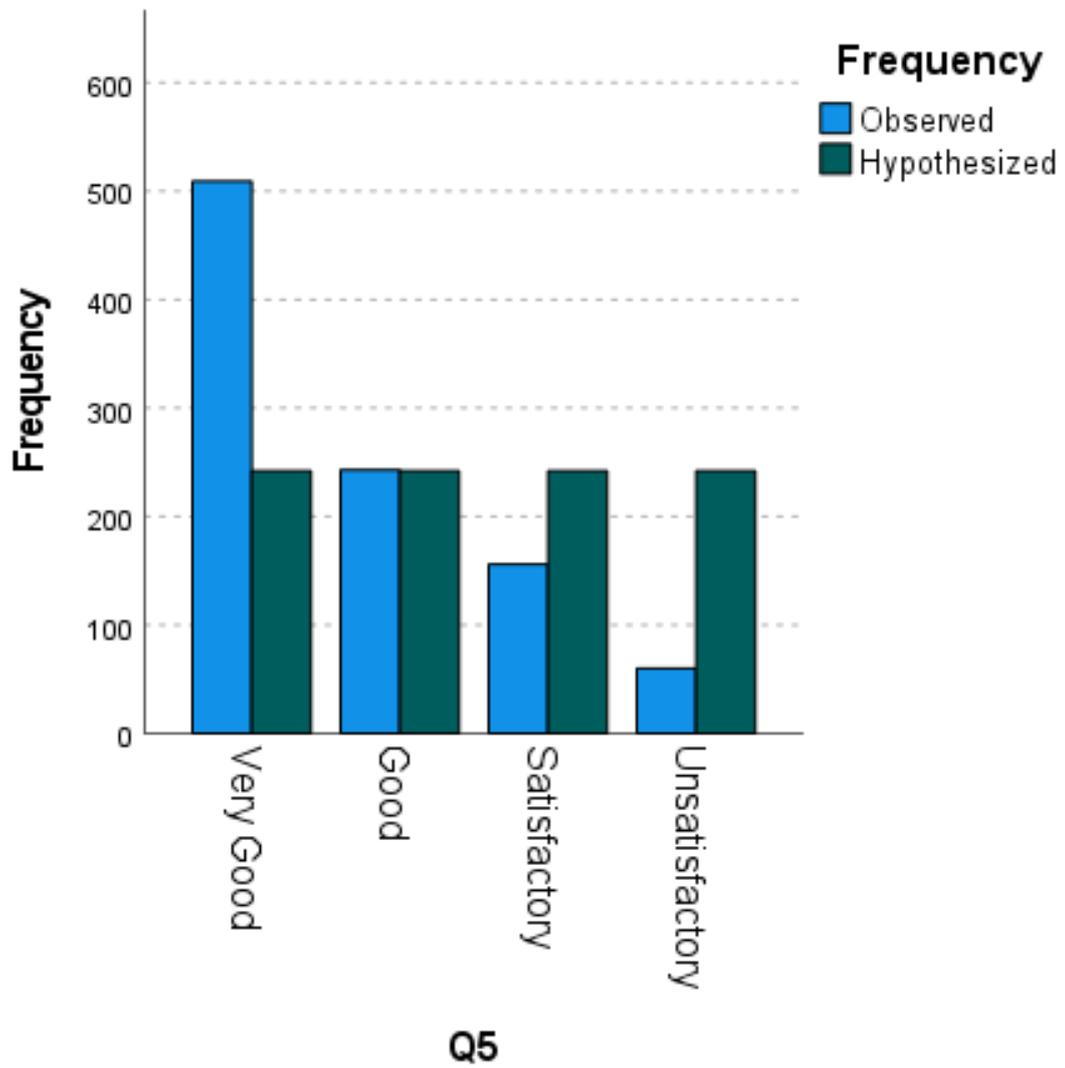a. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 242.

Q5

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	462.025[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 242.
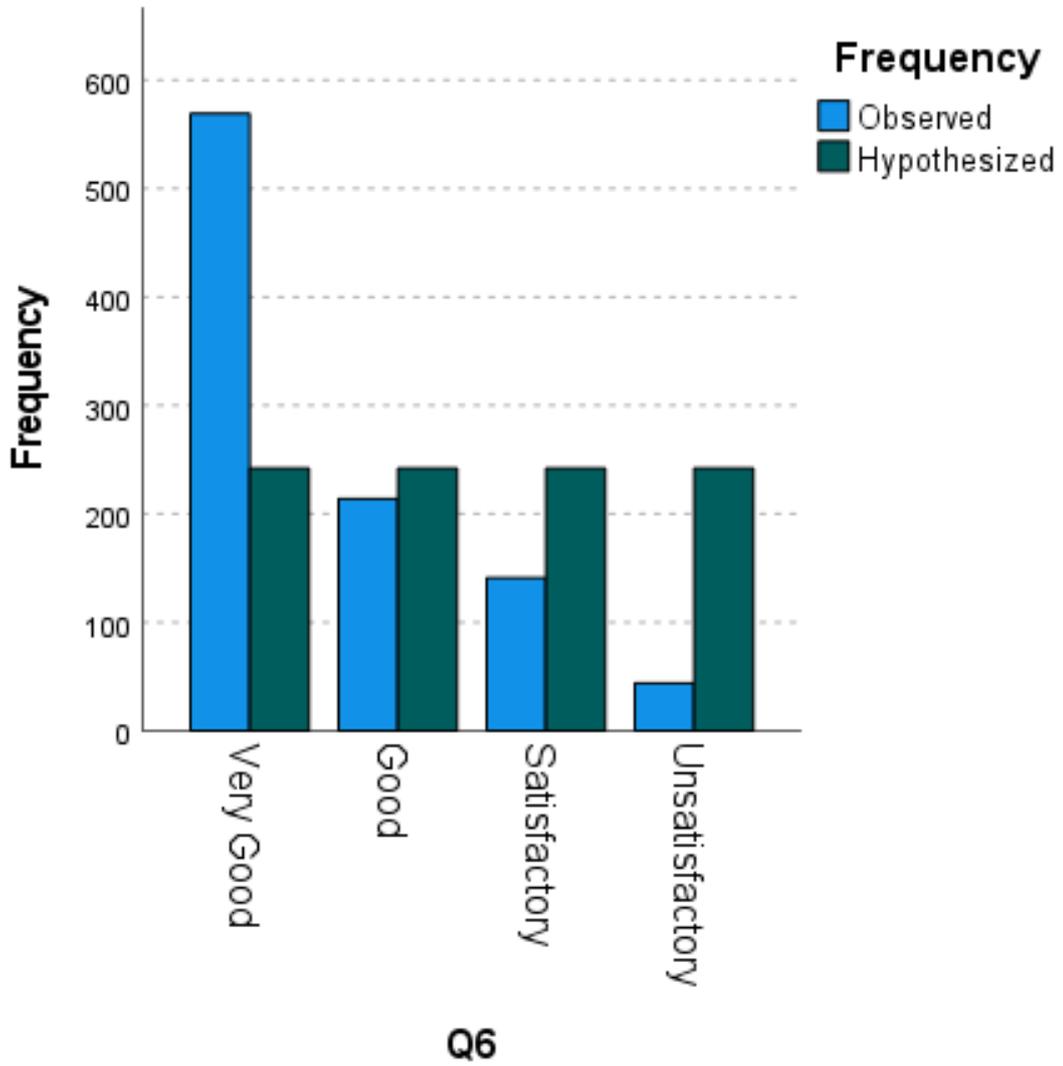
Q6

One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	649.248[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 242.

Q7

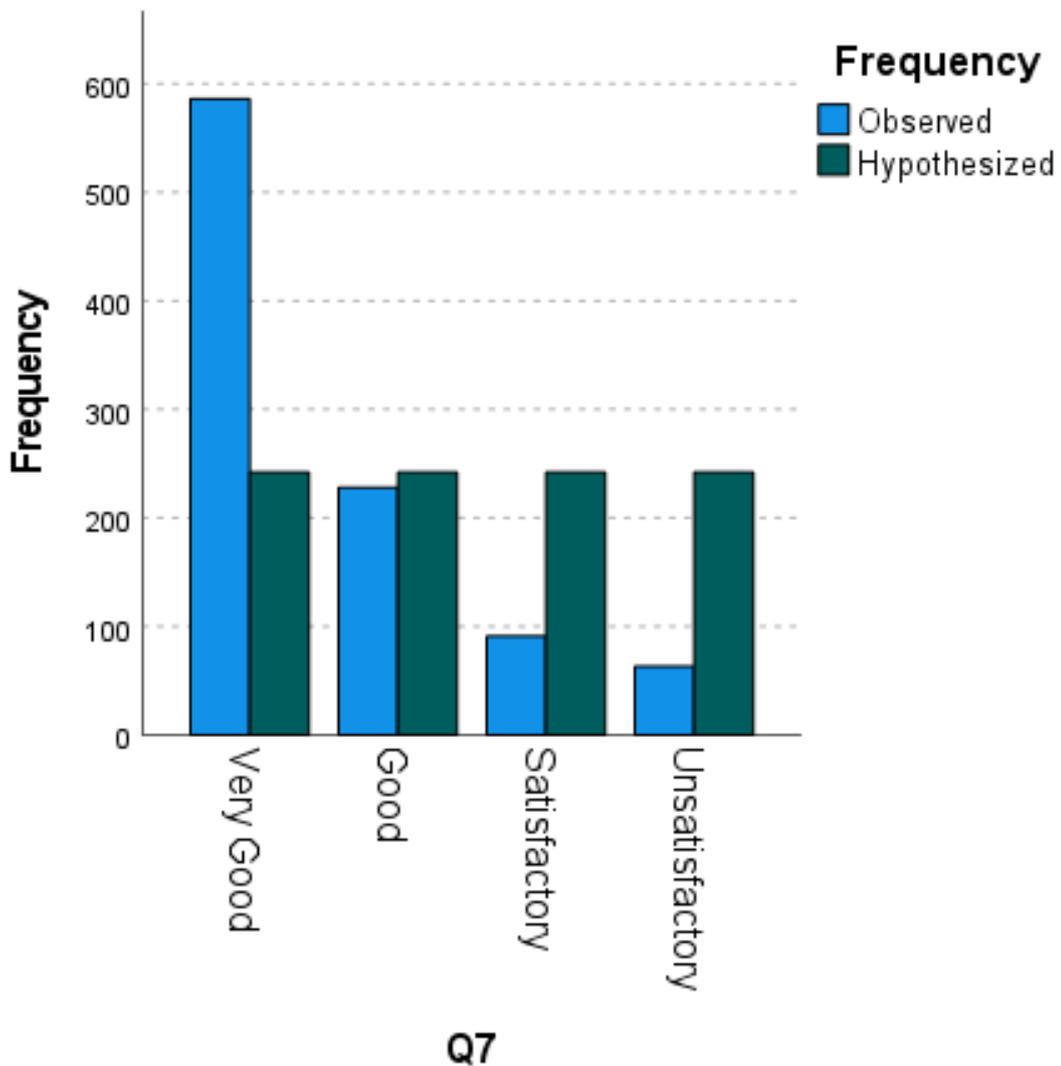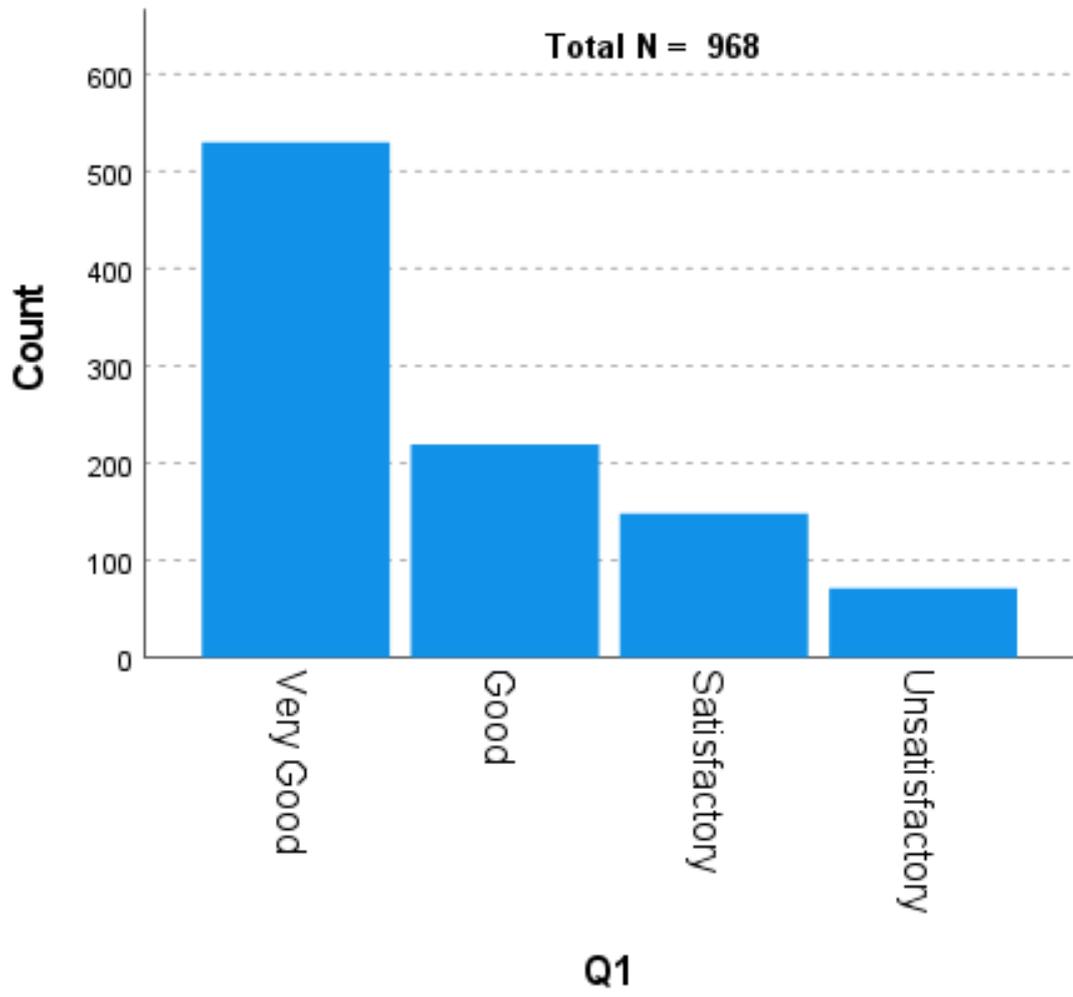## One-Sample Chi-Square Test Summary

Total N	968
Test Statistic	716.421[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 242.
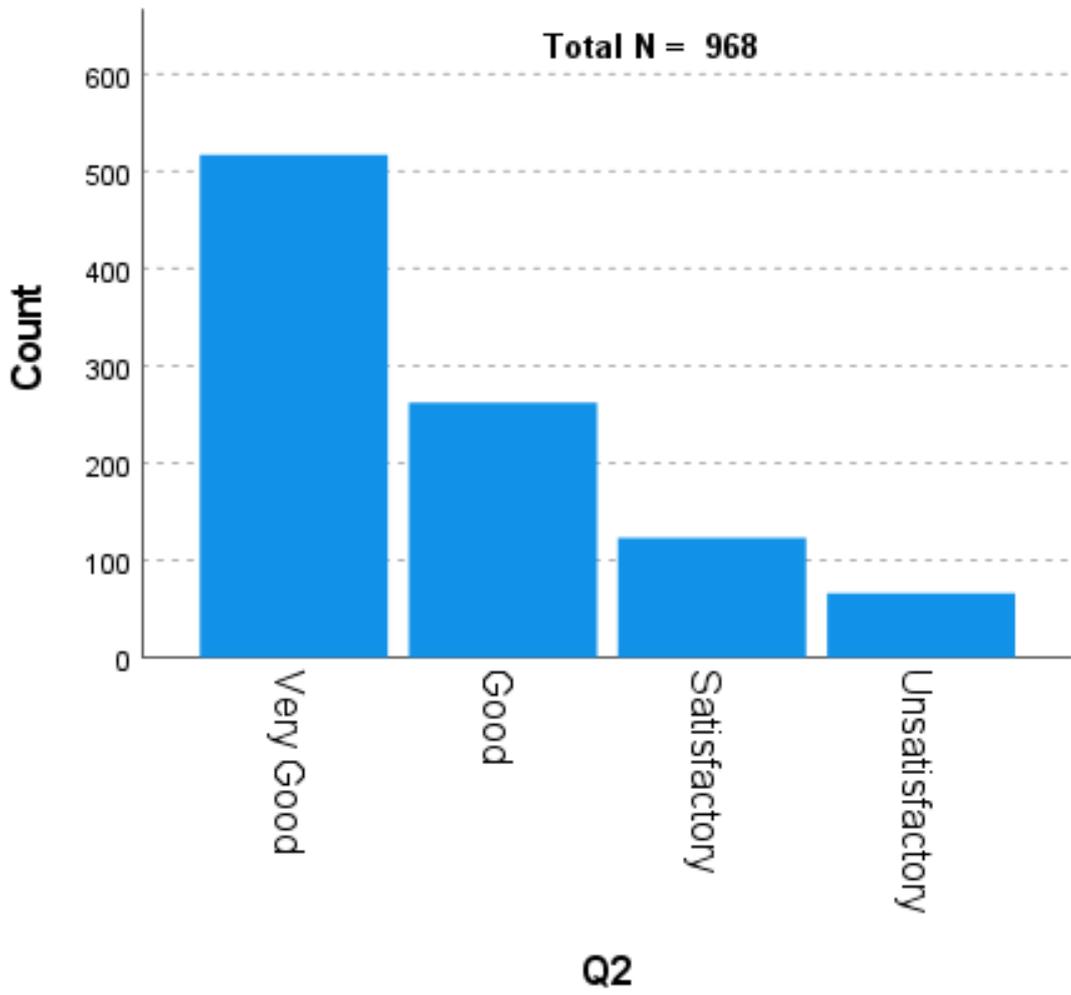
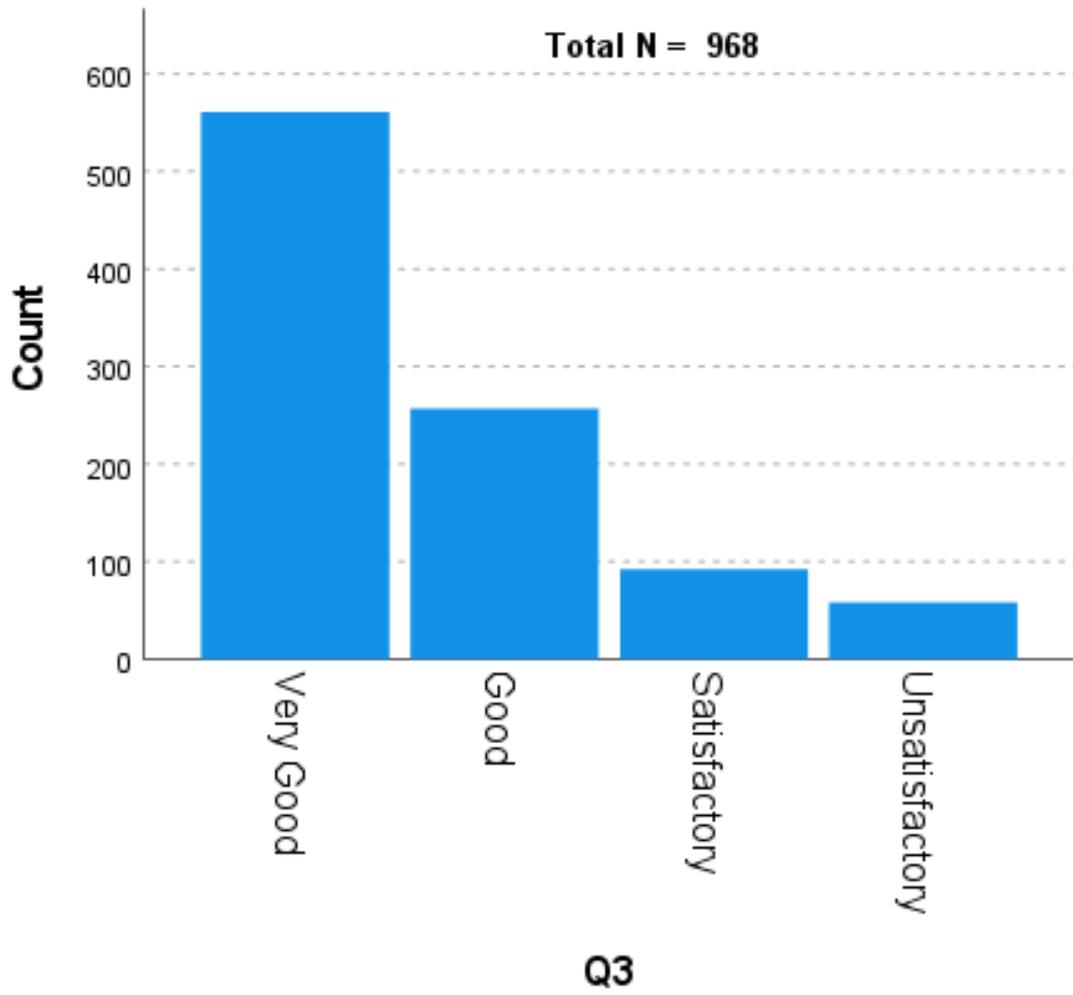# Categorical Field Information Q1

Total N = 968

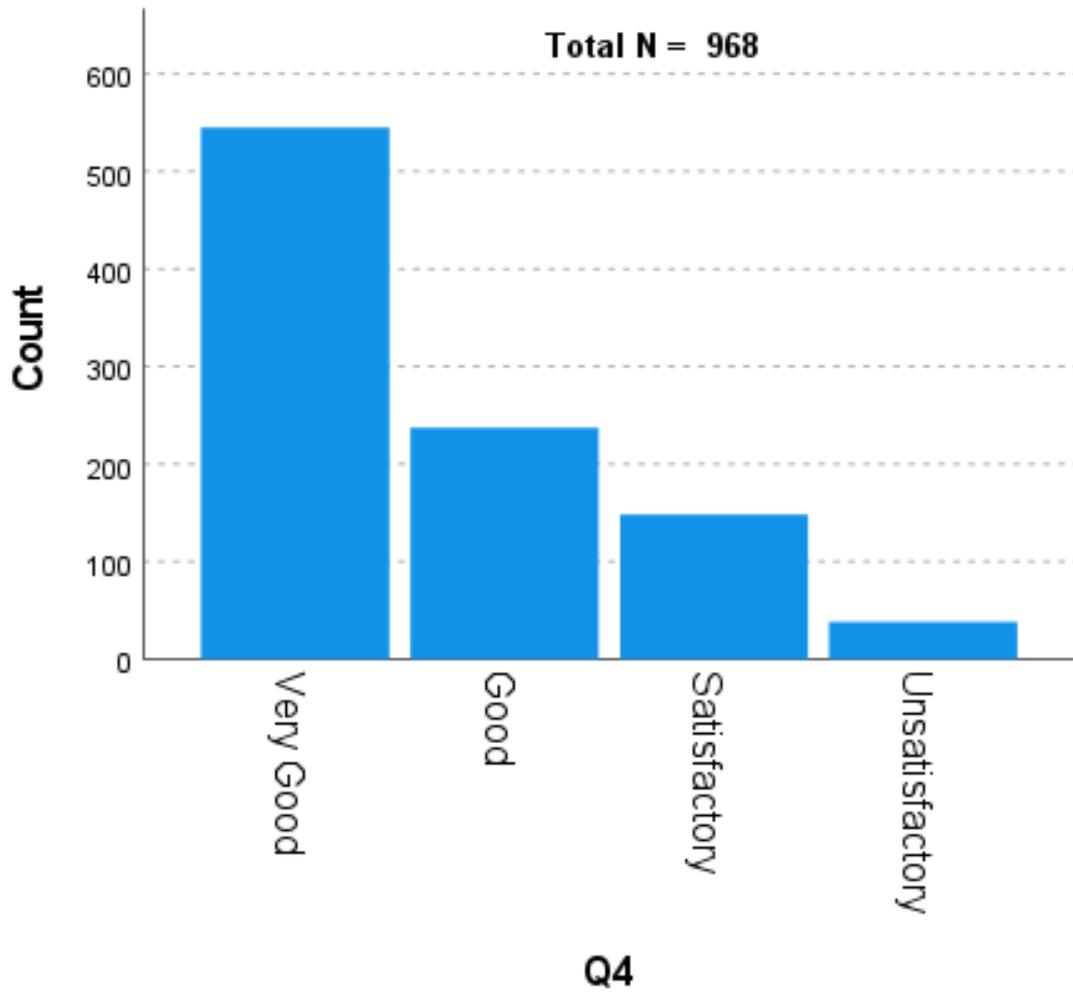# Categorical Field Information Q2

Total N = 968

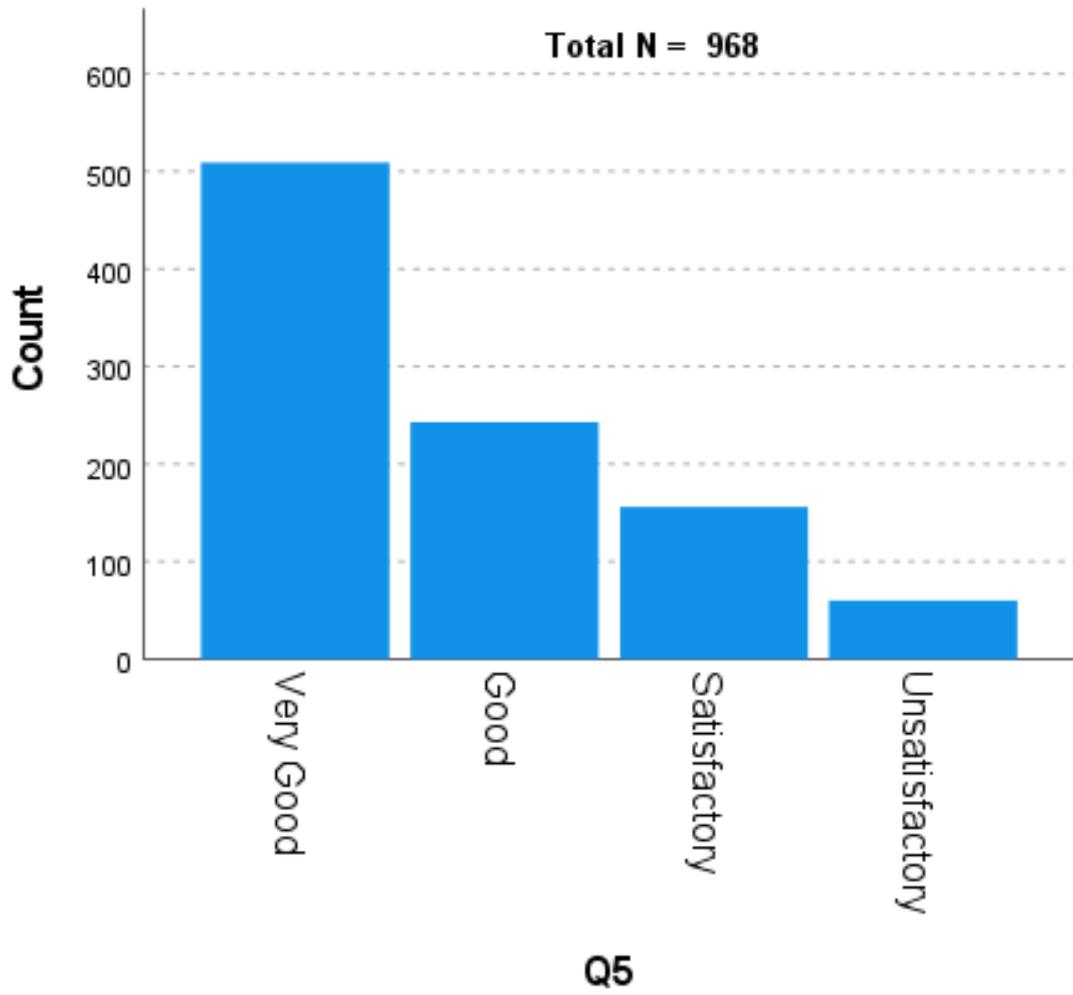## Categorical Field Information Q3

Total N = 968

Categorical Field Information Q4

Total N = 968

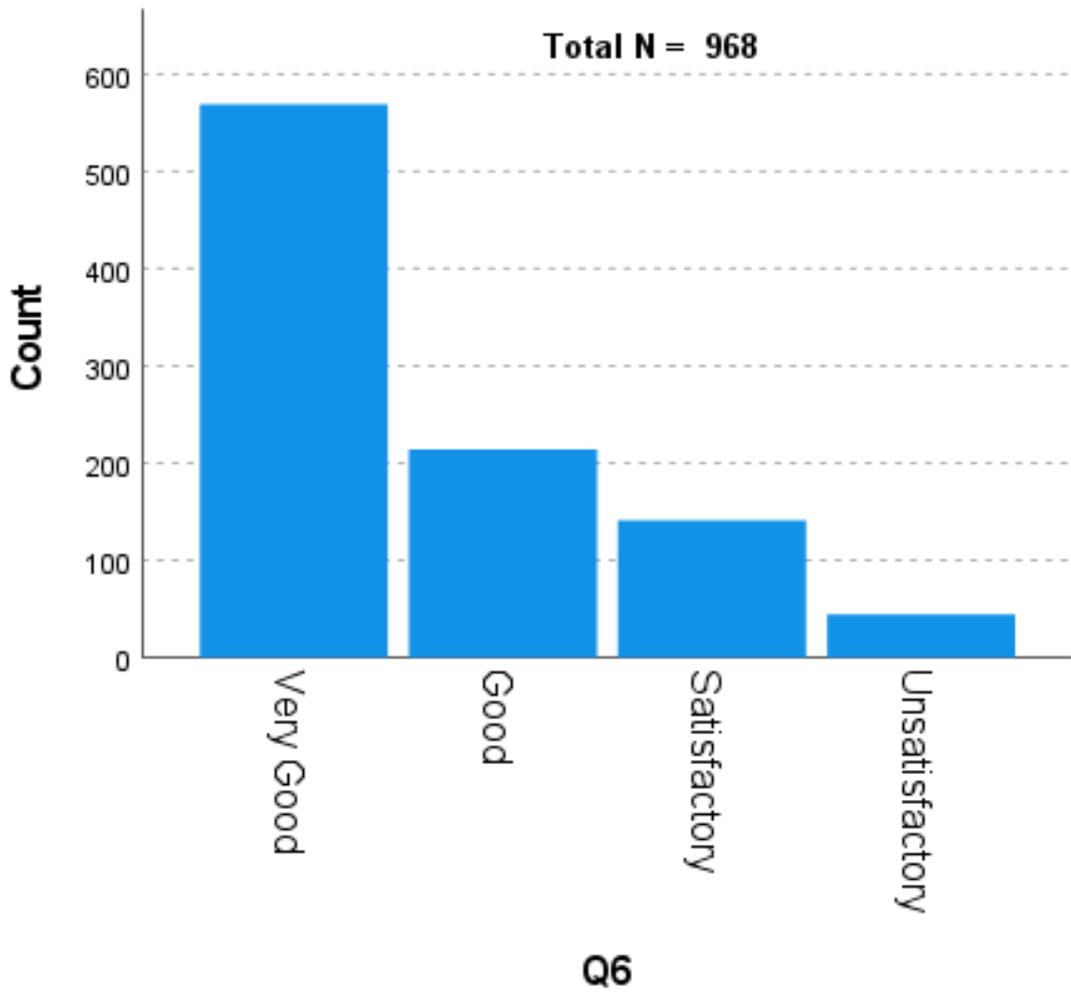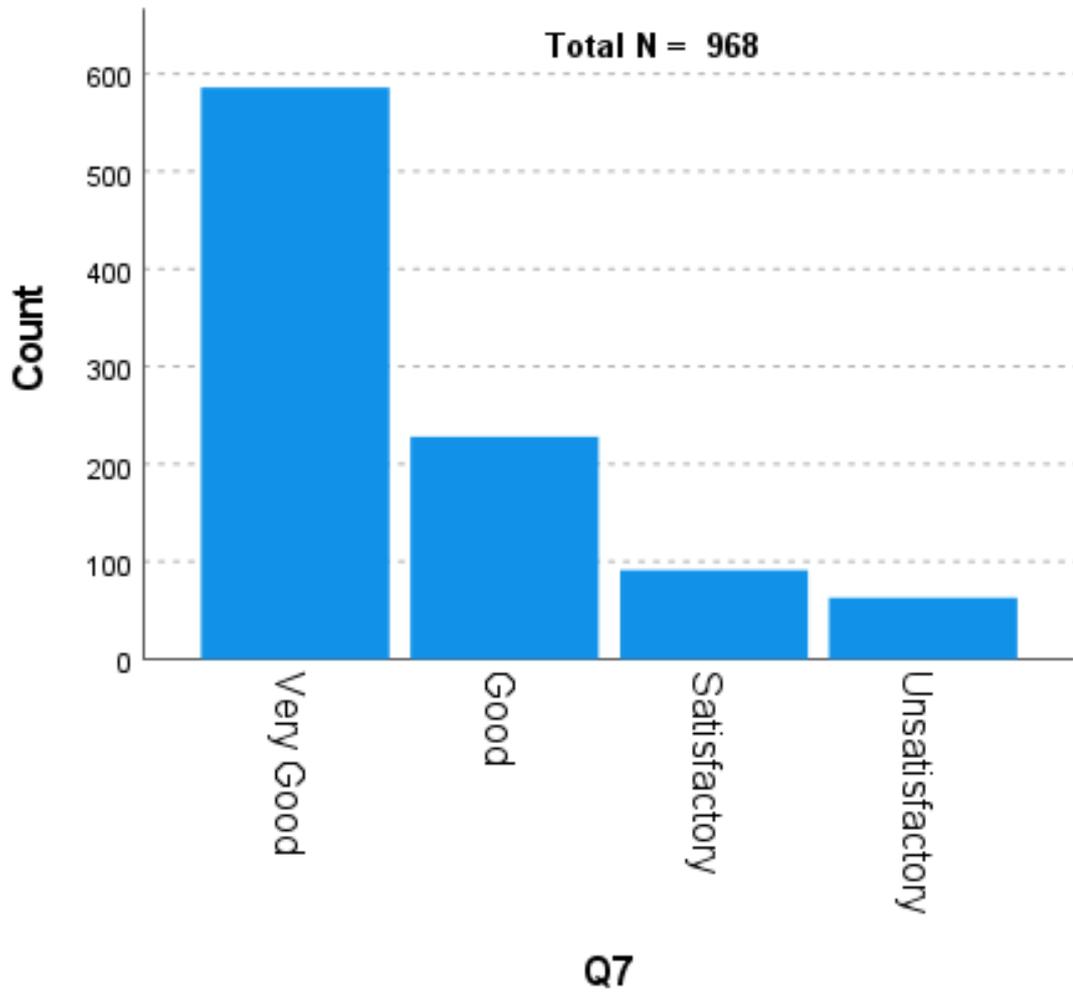# Categorical Field Information Q5

Total N = 968

Q5

Categorical Field Information Q6

Total N = 968

Q6

Categorical Field Information Q7

Total N = 968

T-Test

Notes

Output Created	29-DEC-2021 17:14:10
Comments	

Input	Data		C:\Users\pkaml\Docume nts\Student Feedback Data 2019-20.sav
	Active Dataset		DataSet0
	Filter		<none>
	Weight		<none>
	Split File		<none>
	N of Rows in Working Data File		968
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	968	1.7521	.96607	.03105
Q2	968	1.7293	.92818	.02983
Q3	968	1.6353	.88435	.02842
Q4	968	1.6684	.87393	.02809
Q5	968	1.7593	.93696	.03011
Q6	968	1.6488	.89036	.02862
Q7	968	1.6188	.90291	.02902

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	56.426	967	<.001	<.001	1.75207	1.6911	1.8
Q2	57.968	967	.000	.000	1.72934	1.6708	1.7
Q3	57.533	967	.000	.000	1.63533	1.5796	1.6
Q4	59.396	967	.000	.000	1.66839	1.6133	1.7
Q5	58.419	967	.000	.000	1.75930	1.7002	1.8
Q6	57.614	967	.000	.000	1.64876	1.5926	1.7
Q7	55.781	967	<.001	<.001	1.61880	1.5619	1.6

One-Sample Effect Sizes

		Standardizer [a]	Point Estimate	95% Confidence Interval Lower	Upper
Q1	Cohen's d	.96607	1.814	1.711	1.916
	Hedges' correction	.96682	1.812	1.710	1.914
Q2	Cohen's d	.92818	1.863	1.759	1.967
	Hedges' correction	.92890	1.862	1.757	1.966
Q3	Cohen's d	.88435	1.849	1.745	1.953
	Hedges' correction	.88504	1.848	1.744	1.951
Q4	Cohen's d	.87393	1.909	1.803	2.015
	Hedges' correction	.87461	1.908	1.802	2.013
Q5	Cohen's d	.93696	1.878	1.773	1.982
	Hedges' correction	.93768	1.876	1.771	1.981
Q6	Cohen's d	.89036	1.852	1.748	1.955
	Hedges' correction	.89105	1.850	1.746	1.954
Q7	Cohen's d	.90291	1.793	1.691	1.894
	Hedges' correction	.90361	1.791	1.690	1.893

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.