

LAMPIRAN

KUESIONER PENELITIAN

PENGARUH KUALITAS SISTEM, KUALITAS INFORMASI, KUALITAS LAYANAN DAN KEMUDAHAN AKSES TERHADAP KEPUASAN PENGGUNA E-FILING

(Studi Kasus Pada Wajib Pajak Orang Pribadi Pada Kota Bandar Lampung)

Kepada Yth :

Bapak/Ibu/Saudara(i) Responden

Dengan hormat,

Dalam rangka memenuhi tugas akhir/skripsi dalam rangka menyelesaikan studi Sarjana Ekonomi (S.E) Program Studi Akuntansi, Fakultas Ekonomi dan Bisnis pada Institut Informatika dan Bisnis Darmajaya. Maka dari itu, dengan segala kerendahan hati saya memohon kepada Bapak/Ibu/Saudara(i) Responden untuk memberikan sumbangan pemikiran dalam bentuk tanggapan terhadap beberapa pertanyaan yang tersedia dalam kuesioner ini mengenai **“Pengaruh Kualitas Sistem, Kualitas Informasi, Kualitas Layanan Dan Kemudahan Akses Terhadap Kepuasan Pengguna E-Filing Pada Wajib Pajak OP Pada Kota Bandar Lampung”**. Adapun pengumpulan data dari kuesioner ini semata-mata digunakan untuk keperluan akademik dan penelitian serta data dalam kuesioner ini akan dijamin kerahasiaannya oleh peneliti.

Akhir kata, saya mengucapkan terimakasih sebesar-besarnya atas kerjasama, bantuan dan ketersediaan Bapak/Ibu/Saudara(i) yang telah meluangkan waktunya dalam pengisian kuesioner ini.

Hormat Saya

Ridho Satriaji
NPM. 1912120127

IDENTITAS RESPONDEN

Nama Responden	:
Jenis Kelamin	:
Usia Responden	:
Terdaftar sebagai wajib pajak	: a. Ya : b. Tidak
Pendidikan Terakhir	:
Pengalaman menggunakan sistem E-Filing	:

- Petunjuk Pengisian Kuesioner

Berilah tanda checklist (✓) pada salah satu pilihan yang dianggap paling tepat dengan petunjuk sebagai berikut :

- SS = Sangat Setuju (5)
- S = Setuju (4)
- CS = Cukup Setuju (3)
- TS = Tidak Setuju (2)
- STS = Sangat Tidak Setuju (1)

1. Kualitas Sistem

No.	Pertanyaan	STS (1)	TS (2)	CS (3)	S (4)	SS (5)
1.	E-Filing memberikan instruksi bermanfaat dalam pengisian SPT					
2.	Sistem E-Filing mudah digunakan sistemnya					
3.	E-Filing mudah diakses melalui website DJP					
4.	Saya bisa menggunakan E-Filing kapan saja dalam batas waktu pengumpulan pajak					
5.	Situs web E-Filing menyediakan akses informasi cepat					
6.	Langkah-langkah untuk menyelesaikan tugas dalam sistem E-Filing mengikuti urutan logis					
7.	Melakukan operasi dalam sistem E-Filing mengarah ke hasil yang diprediksi					
8.	Fungsi sistem E-Filing dapat diandalkan					

2. Kualitas Informasi

No.	Pertanyaan	STS (1)	TS (2)	CS (3)	S (4)	SS (5)
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1.	Output informasi dari system E-Filing yang saya gunakan ditampilkan dalam format yang mudah dipahami					
2.	Informasi yang terdapat pada sistem E-Filing mudah dibaca dan dipahami					
3.	Situs website memuat informasi baru dan relevan					
4.	Informasi yang diberikan oleh situs web E-Filing akurat					
5.	Sistem E-Filing yang saya gunakan menyediakan informasi yang saya butuhkan.					
6.	Sistem E-Filing memberikan informasi yang handal ketika saya mengisi dan melaporkan SPT.					
7.	Informasi tersedia dalam bentuk yang dapat dicetak					
8.	Saya puas dengan informasi dalam sistem E-Filing yang saya gunakan					

3. Kualitas Layanan

No.	Pertanyaan	STS (1)	TS (2)	CS (3)	S (4)	SS (5)
1.	E-Filing memberikan kualitas layanan perpajakan yang lebih baik.					
2.	E-Filing menyederhanakan dan menstandarkan proses perpajakan					
3.	E-Filing memastikan modernisasi proses perpajakan					
4.	E-Filing memastikan pengurangan waktu penyelesaian filing pajak					
5.	Layanan yang disediakan oleh sistem E-Filing merespon dengan cepat kebutuhan saya					
6.	Layanan yang disediakan oleh sistem E-Filing dapat diandalkan					
7.	Layanan yang disediakan oleh E-Filing memiliki kemampuan untuk menanggapi kebutuhan saya					
8.	Layanan yang disediakan oleh sistem E-Filing memahami kebutuhan saya					

4. Kemudahan Akses

No.	Pertanyaan	STS (1)	TS (2)	CS (3)	S (4)	SS (5)
1.	Saat menggunakan e-Filing, saya dapat mengoperasikannya sesuai dengan kebutuhan saya					
2.	Saya merasa e-Filing sangat fleksibel untuk digunakan					
3.	Interaksi saya dengan e-Filing jelas dan mudah dipahami					
4.	Saya jarang mengalami kebingungan saat menggunakan e-Filing					
5.	Tampilan e-Filing mudah untuk dibaca sehingga saya mudah untuk memahaminya					
6.	Mudah bagi saya untuk mempelajari bagaimana cara menggunakan e-Filing					
7.	Mudah bagi saya untuk menggunakan e-Filing secara terampil					
8.	Saya tidak melakukan kesalahan-kesalahan berlanjut ketika mengoperasikan E-Filing					
9.	Saya tidak membutuhkan usaha yang keras untuk dapat berinteraksi dengan e-Filing					
10.	Saya tidak merasa e-Filing merupakan suatu sistem yang rumit					
11.	Saya mudah berinteraksi dengan sistem e-Filing saat melaporkan Pajak					

5. Kepuasan Pengguna

No.	Pertanyaan	STS (1)	TS (2)	CS (3)	S (4)	SS (5)
1.	E-Filing telah memenuhi harapan saya dalam pemenuhan kewajiban saya sebagai wajib pajak.					
2.	E-Filing memenuhi kebutuhan saya untuk berinteraksi dengan					

	petugas pajak					
3.	E-Filing efisien dalam memenuhi kebutuhan interaksi saya dengan petugas pajak					
4.	E-Filing efektif dalam memenuhi kebutuhan interaksi saya dengan petugas pajak					
5.	Secara keseluruhan, saya puas dengan sistem E-Filing.					

DATA SPSS

Your temporary usage period for IBM SPSS Statistics will expire in 4548 days.

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X2.5 X2.6 X2.7
    X2.8 X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9
X4.10
    X4.11 Y.1 Y.2 Y.3 Y.4 Y.5
/ORDER=ANALYSIS.
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Frequencies

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	Cases Used	Statistics are based on all cases with valid data.
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		Statistics						
		X1.8	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0

		Statistics						
		X2.7	X2.8	X3.1	X3.2	X3.3	X3.4	X3.5
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0

		Statistics						
		X3.6	X3.7	X3.8	X4.1	X4.2	X4.3	X4.4
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0

		Statistics						
		X4.5	X4.6	X4.7	X4.8	X4.9	X4.10	X4.11
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0

		Statistics				
		Y.1	Y.2	Y.3	Y.4	Y.5
N	Valid	50	50	50	50	50
	Missing	0	0	0	0	0

Frequency Table

X1.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	11	22.0	22.0	22.0
	S	35	70.0	70.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

X1.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	12	24.0	24.0	24.0
	S	32	64.0	64.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X1.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	10	20.0	20.0	22.0
	S	36	72.0	72.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

X1.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	15	30.0	30.0	32.0
	S	30	60.0	60.0	92.0
	SS	4	8.0	8.0	100.0

Total	50	100.0	100.0
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X1.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	26	52.0	52.0	54.0
	S	18	36.0	36.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X1.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	16	32.0	32.0	84.0
	SS	8	16.0	16.0	100.0
	Total	50	100.0	100.0	

X1.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	25	50.0	50.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X1.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	20	40.0	40.0	78.0
	SS	11	22.0	22.0	100.0
	Total	50	100.0	100.0	

X2.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	28	56.0	56.0	86.0
	SS	7	14.0	14.0	100.0
	Total	50	100.0	100.0	

X2.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	8	16.0	16.0	16.0
	S	36	72.0	72.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X2.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	8	16.0	16.0	16.0
	S	30	60.0	60.0	76.0
	SS	12	24.0	24.0	100.0
	Total	50	100.0	100.0	

X2.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	20	40.0	40.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X2.5

		Frequency	Percent	Valid Percent	Cumulative Percent
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Valid	CS	27	54.0	54.0	54.0
	S	18	36.0	36.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X2.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	28	56.0	56.0	58.0
	S	18	36.0	36.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

X2.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	22	44.0	44.0	44.0
	S	27	54.0	54.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X2.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	26	52.0	52.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X3.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	12	24.0	24.0	24.0
	S	31	62.0	62.0	86.0

	SS	7	14.0	14.0	100.0
	Total	50	100.0	100.0	

X3.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	17	34.0	34.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X3.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	21	42.0	42.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X3.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	24	48.0	48.0	80.0
	SS	10	20.0	20.0	100.0
	Total	50	100.0	100.0	

X3.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	3	6.0	6.0	6.0
	CS	24	48.0	48.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X3.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	24	48.0	48.0	50.0
	S	23	46.0	46.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X3.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	17	34.0	34.0	34.0
	S	31	62.0	62.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X3.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	31	62.0	62.0	62.0
	S	18	36.0	36.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	30	60.0	60.0	60.0
	S	16	32.0	32.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

X4.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	27	54.0	54.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	25	50.0	50.0	50.0
	S	24	48.0	48.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	24	48.0	48.0	100.0
	Total	50	100.0	100.0	

X4.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	18	36.0	36.0	36.0
	S	32	64.0	64.0	100.0
	Total	50	100.0	100.0	

X4.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	25	50.0	50.0	50.0
	S	25	50.0	50.0	100.0
	Total	50	100.0	100.0	

X4.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	27	54.0	54.0	56.0
	S	21	42.0	42.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	22	44.0	44.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X4.9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	13	26.0	26.0	26.0
	S	37	74.0	74.0	100.0
	Total	50	100.0	100.0	

X4.10

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	26	52.0	52.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.11

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	32	64.0	64.0	66.0
	S	15	30.0	30.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

Y.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	18	36.0	36.0	36.0
	S	24	48.0	48.0	84.0
	SS	8	16.0	16.0	100.0
	Total	50	100.0	100.0	

Y.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	32	64.0	64.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

Y.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	30	60.0	60.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

Y.4

		Frequency	Percent	Valid Percent	Cumulative Percent
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Valid	CS	20	40.0	40.0	40.0
	S	27	54.0	54.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

Y.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	17	34.0	34.0	34.0
	S	28	56.0	56.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

FREQUENCIES VARIABLES=X1.1 X1.2 X1.3 X1.4 X1.5 X1.6 X1.7 X1.8 X2.1 X2.2 X2.3 X2.4 X2.5 X2.6 X2.7

X2.8 X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9 X4.10

X4.11 Y.1 Y.2 Y.3 Y.4 Y.5

/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN

/ORDER=ANALYSIS.

Frequencies

Notes

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Cases Used		Statistics are based on all cases with valid data.
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	Elapsed Time	00:00:00,06

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N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0
Mean		3.86	3.88	3.82	3.74	3.54	3.64	3.74
Median		4.00	4.00	4.00	4.00	3.00	3.00	4.00
Std. Deviation		.535	.594	.560	.633	.706	.749	.664
Minimum		3	3	2	2	2	3	3
Maximum		5	5	5	5	5	5	5

Statistics

		X1.8	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0
Mean		3.84	3.84	3.96	4.08	3.96	3.56	3.46
Median		4.00	4.00	4.00	4.00	4.00	3.00	3.00
Std. Deviation		.766	.650	.533	.634	.781	.675	.646
Minimum		3	3	3	3	3	3	2
Maximum		5	5	5	5	5	5	5

Statistics

		X2.7	X2.8	X3.1	X3.2	X3.3	X3.4	X3.5
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0
Mean		3.58	3.72	3.90	3.90	3.98	3.88	3.42
Median		4.00	4.00	4.00	4.00	4.00	4.00	3.00
Std. Deviation		.538	.640	.614	.814	.769	.718	.642
Minimum		3	3	3	3	3	3	2
Maximum		5	5	5	5	5	5	5

Statistics

		X3.6	X3.7	X3.8	X4.1	X4.2	X4.3	X4.4
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0
Mean		3.52	3.70	3.40	3.48	3.48	3.52	3.48
Median		3.50	4.00	3.00	3.00	3.00	3.50	3.00
Std. Deviation		.614	.544	.535	.646	.544	.544	.505
Minimum		2	3	3	3	3	3	3
Maximum		5	5	5	5	5	5	4

Statistics

		X4.5	X4.6	X4.7	X4.8	X4.9	X4.10	X4.11
N	Valid	50	50	50	50	50	50	50
	Missing	0	0	0	0	0	0	0
Mean		3.64	3.50	3.44	3.52	3.74	3.46	3.36
Median		4.00	3.50	3.00	3.00	4.00	3.00	3.00
Std. Deviation		.485	.505	.577	.580	.443	.579	.598
Minimum		3	3	2	3	3	2	2
Maximum		4	4	5	5	4	5	5

Statistics

		Y.1	Y.2	Y.3	Y.4	Y.5
N	Valid	50	50	50	50	50
	Missing	0	0	0	0	0
Mean		3.80	3.76	3.76	3.66	3.76
Median		4.00	4.00	4.00	4.00	4.00
Std. Deviation		.700	.555	.591	.593	.625
Minimum		3	3	3	3	3
Maximum		5	5	5	5	5

Frequency Table

X1.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	11	22.0	22.0	22.0
	S	35	70.0	70.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

X1.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	12	24.0	24.0	24.0
	S	32	64.0	64.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X1.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	10	20.0	20.0	22.0
	S	36	72.0	72.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

CORRELATIONS

/VARIABLES=X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9 X4.10 X4.11 Total_X4

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

X1.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	15	30.0	30.0	32.0
	S	30	60.0	60.0	92.0

	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

X1.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	26	52.0	52.0	54.0
	S	18	36.0	36.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X1.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	16	32.0	32.0	84.0
	SS	8	16.0	16.0	100.0
	Total	50	100.0	100.0	

X1.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	25	50.0	50.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X1.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	20	40.0	40.0	78.0
	SS	11	22.0	22.0	100.0
	Total	50	100.0	100.0	

X2.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	28	56.0	56.0	86.0
	SS	7	14.0	14.0	100.0
	Total	50	100.0	100.0	

X2.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	8	16.0	16.0	16.0
	S	36	72.0	72.0	88.0
	SS	6	12.0	12.0	100.0
	Total	50	100.0	100.0	

X2.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	8	16.0	16.0	16.0
	S	30	60.0	60.0	76.0
	SS	12	24.0	24.0	100.0
	Total	50	100.0	100.0	

X2.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	20	40.0	40.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X2.5

		Frequency	Percent	Valid Percent	Cumulative Percent
--	--	-----------	---------	---------------	-----------------------

Valid	CS	27	54.0	54.0	54.0
	S	18	36.0	36.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X2.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	28	56.0	56.0	58.0
	S	18	36.0	36.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

X2.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	22	44.0	44.0	44.0
	S	27	54.0	54.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X2.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	26	52.0	52.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

X3.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	12	24.0	24.0	24.0
	S	31	62.0	62.0	86.0

	SS	7	14.0	14.0	100.0
	Total	50	100.0	100.0	

X3.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	19	38.0	38.0	38.0
	S	17	34.0	34.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X3.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	21	42.0	42.0	72.0
	SS	14	28.0	28.0	100.0
	Total	50	100.0	100.0	

X3.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	24	48.0	48.0	80.0
	SS	10	20.0	20.0	100.0
	Total	50	100.0	100.0	

X3.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	3	6.0	6.0	6.0
	CS	24	48.0	48.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X3.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	24	48.0	48.0	50.0
	S	23	46.0	46.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X3.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	17	34.0	34.0	34.0
	S	31	62.0	62.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X3.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	31	62.0	62.0	62.0
	S	18	36.0	36.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	30	60.0	60.0	60.0
	S	16	32.0	32.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

X4.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	27	54.0	54.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	25	50.0	50.0	50.0
	S	24	48.0	48.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	24	48.0	48.0	100.0
	Total	50	100.0	100.0	

X4.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	18	36.0	36.0	36.0
	S	32	64.0	64.0	100.0
	Total	50	100.0	100.0	

X4.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	25	50.0	50.0	50.0
	S	25	50.0	50.0	100.0
	Total	50	100.0	100.0	

X4.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	27	54.0	54.0	56.0
	S	21	42.0	42.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	26	52.0	52.0	52.0
	S	22	44.0	44.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

X4.9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	13	26.0	26.0	26.0
	S	37	74.0	74.0	100.0
	Total	50	100.0	100.0	

X4.10

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	26	52.0	52.0	54.0
	S	22	44.0	44.0	98.0
	SS	1	2.0	2.0	100.0
	Total	50	100.0	100.0	

X4.11

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	2.0	2.0	2.0
	CS	32	64.0	64.0	66.0
	S	15	30.0	30.0	96.0
	SS	2	4.0	4.0	100.0
	Total	50	100.0	100.0	

Y.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	18	36.0	36.0	36.0
	S	24	48.0	48.0	84.0
	SS	8	16.0	16.0	100.0
	Total	50	100.0	100.0	

Y.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	15	30.0	30.0	30.0
	S	32	64.0	64.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

Y.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	16	32.0	32.0	32.0
	S	30	60.0	60.0	92.0
	SS	4	8.0	8.0	100.0
	Total	50	100.0	100.0	

Y.4

		Frequency	Percent	Valid Percent	Cumulative Percent
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Valid	CS	20	40.0	40.0	40.0
	S	27	54.0	54.0	94.0
	SS	3	6.0	6.0	100.0
	Total	50	100.0	100.0	

Y.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	CS	17	34.0	34.0	34.0
	S	28	56.0	56.0	90.0
	SS	5	10.0	10.0	100.0
	Total	50	100.0	100.0	

CORRELATIONS

```

/VARIABLES=X1.1 X1.2 X1.3 X1.4 X1.5 X1.6 X1.7 X1.8 Total_X1
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

Correlations

Notes

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	Filter	<none>
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.

Syntax		CORRELATIONS /VARIABLES=X1.1 X1.2 X1.3 X1.4 X1.5 X1.6 X1.7 X1.8 Total_X1 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,08

Correlations

		X1.1	X1.2	X1.3	X1.4	X1.5
X1.1	Pearson Correlation	1	.717**	.391**	.131	.150
	Sig. (2-tailed)		.000	.005	.363	.298
	N	50	50	50	50	50
X1.2	Pearson Correlation	.717**	1	.547**	.078	.158
	Sig. (2-tailed)	.000		.000	.589	.274
	N	50	50	50	50	50
X1.3	Pearson Correlation	.391**	.547**	1	.268	.302*
	Sig. (2-tailed)	.005	.000		.060	.033
	N	50	50	50	50	50
X1.4	Pearson Correlation	.131	.078	.268	1	.595**
	Sig. (2-tailed)	.363	.589	.060		.000
	N	50	50	50	50	50
X1.5	Pearson Correlation	.150	.158	.302*	.595**	1
	Sig. (2-tailed)	.298	.274	.033	.000	
	N	50	50	50	50	50
X1.6	Pearson Correlation	.279*	.130	.086	.229	.298*
	Sig. (2-tailed)	.050	.367	.555	.110	.036
	N	50	50	50	50	50
X1.7	Pearson Correlation	.183	.178	.091	-.067	.218
	Sig. (2-tailed)	.204	.216	.530	.644	.127
	N	50	50	50	50	50
X1.8	Pearson Correlation	.144	-.043	.074	.081	.201
	Sig. (2-tailed)	.320	.766	.608	.577	.162
	N	50	50	50	50	50
Total_X1	Pearson Correlation	.593**	.533**	.543**	.494**	.638**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	50	50	50	50	50

Correlations

		X1.6	X1.7	X1.8	Total_X1
X1.1	Pearson Correlation	.279	.183**	.144**	.593
	Sig. (2-tailed)	.050	.204	.320	.000
	N	50	50	50	50
X1.2	Pearson Correlation	.130**	.178	-.043**	.533
	Sig. (2-tailed)	.367	.216	.766	.000
	N	50	50	50	50
X1.3	Pearson Correlation	.086**	.091**	.074	.543
	Sig. (2-tailed)	.555	.530	.608	.000
	N	50	50	50	50
X1.4	Pearson Correlation	.229	-.067	.081	.494
	Sig. (2-tailed)	.110	.644	.577	.000
	N	50	50	50	50
X1.5	Pearson Correlation	.298	.218	.201*	.638**
	Sig. (2-tailed)	.036	.127	.162	.000
	N	50	50	50	50
X1.6	Pearson Correlation	1*	.587	.467	.696
	Sig. (2-tailed)		.000	.001	.000
	N	50	50	50	50
X1.7	Pearson Correlation	.587	1	.478	.602
	Sig. (2-tailed)	.000		.000	.000
	N	50	50	50	50
X1.8	Pearson Correlation	.467	.478	1	.563
	Sig. (2-tailed)	.001	.000		.000
	N	50	50	50	50
Total_X1	Pearson Correlation	.696**	.602**	.563**	1**
	Sig. (2-tailed)	.000	.000	.000	
	N	50	50	50	50

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

CORRELATIONS

```

/VARIABLES=X2.1 X2.2 X2.3 X2.4 X2.5 X2.6 X2.7 X2.8 Total_X2
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

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Correlations

Notes		
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Comments		
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=X2.1 X2.2 X2.3 X2.4 X2.5 X2.6 X2.7 X2.8 Total_X2 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,09

		X2.1	X2.2	X2.3	X2.4	X2.5
X2.1	Pearson Correlation	1	.688**	.477**	.389**	.208
	Sig. (2-tailed)		.000	.000	.005	.147
	N	50	50	50	50	50
X2.2	Pearson Correlation	.688**	1	.614**	.486**	.234
	Sig. (2-tailed)	.000		.000	.000	.102
	N	50	50	50	50	50
X2.3	Pearson Correlation	.477**	.614**	1	.666**	.370**
	Sig. (2-tailed)	.000	.000		.000	.008
	N	50	50	50	50	50

X2.4	Pearson Correlation	.389**	.486**	.666**	1	.624**
	Sig. (2-tailed)	.005	.000	.000		.000
	N	50	50	50	50	50
X2.5	Pearson Correlation	.208	.234	.370**	.624**	1
	Sig. (2-tailed)	.147	.102	.008	.000	
	N	50	50	50	50	50
X2.6	Pearson Correlation	.228	.351*	.307*	.442**	.755**
	Sig. (2-tailed)	.112	.012	.030	.001	.000
	N	50	50	50	50	50
X2.7	Pearson Correlation	.037	.225	.340*	.202	.324*
	Sig. (2-tailed)	.797	.116	.016	.160	.022
	N	50	50	50	50	50
X2.8	Pearson Correlation	.037	.266	.107	.181	-.055
	Sig. (2-tailed)	.797	.062	.461	.208	.705
	N	50	50	50	50	50
Total_X2	Pearson Correlation	.597**	.741**	.761**	.809**	.698**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	50	50	50	50	50

Correlations

		X2.6	X2.7	X2.8	Total_X2
X2.1	Pearson Correlation	.228	.037**	.037**	.597**
	Sig. (2-tailed)	.112	.797	.797	.000
	N	50	50	50	50
X2.2	Pearson Correlation	.351**	.225	.266**	.741**
	Sig. (2-tailed)	.012	.116	.062	.000
	N	50	50	50	50
X2.3	Pearson Correlation	.307**	.340**	.107	.761**
	Sig. (2-tailed)	.030	.016	.461	.000
	N	50	50	50	50
X2.4	Pearson Correlation	.442**	.202**	.181**	.809
	Sig. (2-tailed)	.001	.160	.208	.000
	N	50	50	50	50
X2.5	Pearson Correlation	.755	.324	-.055**	.698**
	Sig. (2-tailed)	.000	.022	.705	.000
	N	50	50	50	50
X2.6	Pearson Correlation	1	.509*	-.028*	.699**
	Sig. (2-tailed)		.000	.849	.000
	N	50	50	50	50
X2.7	Pearson Correlation	.509	1	.007*	.491

	Sig. (2-tailed)	.000		.961	.000
	N	50	50	50	50
X2.8	Pearson Correlation	-.028	.007	1	.295
	Sig. (2-tailed)	.849	.961		.038
	N	50	50	50	50
Total_X2	Pearson Correlation	.699**	.491**	.295**	1**
	Sig. (2-tailed)	.000	.000	.038	
	N	50	50	50	50

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

CORRELATIONS

/VARIABLES=X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 Total_X3

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

Correlations

Notes

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Comments		
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	Weight	<none>
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.

Syntax		CORRELATIONS /VARIABLES=X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 Total_X3 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,09

Correlations

		X3.1	X3.2	X3.3	X3.4	X3.5
X3.1	Pearson Correlation	1	.306*	.255	-.028	-.202
	Sig. (2-tailed)		.031	.074	.848	.160
	N	50	50	50	50	50
X3.2	Pearson Correlation	.306*	1	.779**	.502**	.277
	Sig. (2-tailed)	.031		.000	.000	.051
	N	50	50	50	50	50
X3.3	Pearson Correlation	.255	.779**	1	.771**	.224
	Sig. (2-tailed)	.074	.000		.000	.118
	N	50	50	50	50	50
X3.4	Pearson Correlation	-.028	.502**	.771**	1	.289*
	Sig. (2-tailed)	.848	.000	.000		.042
	N	50	50	50	50	50
X3.5	Pearson Correlation	-.202	.277	.224	.289*	1
	Sig. (2-tailed)	.160	.051	.118	.042	
	N	50	50	50	50	50
X3.6	Pearson Correlation	.249	.269	.109	-.087	.574**
	Sig. (2-tailed)	.081	.059	.452	.548	.000
	N	50	50	50	50	50
X3.7	Pearson Correlation	.336*	.115	.034	-.094	-.041
	Sig. (2-tailed)	.017	.426	.814	.516	.778
	N	50	50	50	50	50
X3.8	Pearson Correlation	.186	-.234	-.079	.021	-.024
	Sig. (2-tailed)	.195	.101	.583	.883	.870
	N	50	50	50	50	50
Total_X3	Pearson Correlation	.459**	.766**	.785**	.613**	.492**
	Sig. (2-tailed)	.001	.000	.000	.000	.000
	N	50	50	50	50	50

Correlations

		X3.6	X3.7	X3.8	Total_X3
X3.1	Pearson Correlation	.249	.336*	.186	.459
	Sig. (2-tailed)	.081	.017	.195	.001
	N	50	50	50	50
X3.2	Pearson Correlation	.269*	.115	-.234**	.766**
	Sig. (2-tailed)	.059	.426	.101	.000
	N	50	50	50	50
X3.3	Pearson Correlation	.109	.034**	-.079	.785**
	Sig. (2-tailed)	.452	.814	.583	.000
	N	50	50	50	50
X3.4	Pearson Correlation	-.087	-.094**	.021**	.613
	Sig. (2-tailed)	.548	.516	.883	.000
	N	50	50	50	50
X3.5	Pearson Correlation	.574	-.041	-.024	.492*
	Sig. (2-tailed)	.000	.778	.870	.000
	N	50	50	50	50
X3.6	Pearson Correlation	1	.354	.099	.554
	Sig. (2-tailed)		.012	.492	.000
	N	50	50	50	50
X3.7	Pearson Correlation	.354*	1	.281	.391
	Sig. (2-tailed)	.012		.048	.005
	N	50	50	50	50
X3.8	Pearson Correlation	.099	.281	1	.209
	Sig. (2-tailed)	.492	.048		.146
	N	50	50	50	50
Total_X3	Pearson Correlation	.554**	.391**	.209**	1**
	Sig. (2-tailed)	.000	.005	.146	
	N	50	50	50	50

*. Correlation is significant at the 0.05 level (2-tailed).

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations

Notes

Output Created		19-JUL-2023 17:05:52
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9 X4.10 X4.11 Total_X4 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,06

Correlations

		X4.1	X4.2	X4.3	X4.4	X4.5
X4.1	Pearson Correlation	1	.376**	.204	.030	.107
	Sig. (2-tailed)		.007	.154	.836	.461
	N	50	50	50	50	50
X4.2	Pearson Correlation	.376**	1	.450**	.333*	.282*
	Sig. (2-tailed)	.007		.001	.018	.047
	N	50	50	50	50	50
X4.3	Pearson Correlation	.204	.450**	1	.411**	.183
	Sig. (2-tailed)	.154	.001		.003	.204
	N	50	50	50	50	50
X4.4	Pearson Correlation	.030	.333*	.411**	1	.137
	Sig. (2-tailed)	.836	.018	.003		.344
	N	50	50	50	50	50

X4.5	Pearson Correlation	.107	.282 [*]	.183	.137	1
	Sig. (2-tailed)	.461	.047	.204	.344	
	N	50	50	50	50	50
X4.6	Pearson Correlation	-.188	.149	.074	.320 [*]	.583 ^{**}
	Sig. (2-tailed)	.192	.303	.608	.023	.000
	N	50	50	50	50	50
X4.7	Pearson Correlation	.079	.094	-.029	.311 [*]	.286 [*]
	Sig. (2-tailed)	.587	.518	.844	.028	.044
	N	50	50	50	50	50
X4.8	Pearson Correlation	-.026	-.096	-.098	.245	-.046
	Sig. (2-tailed)	.857	.508	.497	.086	.749
	N	50	50	50	50	50
X4.9	Pearson Correlation	-.125	-.064	-.020	-.161	.030
	Sig. (2-tailed)	.386	.657	.889	.265	.834
	N	50	50	50	50	50
X4.10	Pearson Correlation	.270	.192	.262	.137	.166
	Sig. (2-tailed)	.057	.182	.066	.343	.250
	N	50	50	50	50	50
X4.11	Pearson Correlation	.230	.085	.103	.092	-.037
	Sig. (2-tailed)	.108	.555	.477	.525	.801

Correlations

		X4.6	X4.7	X4.8	X4.9	X4.10
X4.1	Pearson Correlation	-.188	.079 ^{**}	-.026	-.125	.270
	Sig. (2-tailed)	.192	.587	.857	.386	.057
	N	50	50	50	50	50
X4.2	Pearson Correlation	.149 ^{**}	.094	-.096 ^{**}	-.064 [*]	.192 [*]
	Sig. (2-tailed)	.303	.518	.508	.657	.182
	N	50	50	50	50	50
X4.3	Pearson Correlation	.074	-.029 ^{**}	-.098	-.020 ^{**}	.262
	Sig. (2-tailed)	.608	.844	.497	.889	.066
	N	50	50	50	50	50
X4.4	Pearson Correlation	.320	.311 [*]	.245 ^{**}	-.161	.137
	Sig. (2-tailed)	.023	.028	.086	.265	.343
	N	50	50	50	50	50
X4.5	Pearson Correlation	.583	.286 [*]	-.046	.030	.166
	Sig. (2-tailed)	.000	.044	.749	.834	.250
	N	50	50	50	50	50
X4.6	Pearson Correlation	1	.420	.209	-.046 [*]	.105 ^{**}
	Sig. (2-tailed)		.002	.145	.753	.469

	N	50	50	50	50	50
X4.7	Pearson Correlation	.420	1	.583	-.102*	.176*
	Sig. (2-tailed)	.002		.000	.480	.222
	N	50	50	50	50	50
X4.8	Pearson Correlation	.209	.583	1	.060	.063
	Sig. (2-tailed)	.145	.000		.677	.663
	N	50	50	50	50	50
X4.9	Pearson Correlation	-.046	-.102	.060	1	.476
	Sig. (2-tailed)	.753	.480	.677		.000
	N	50	50	50	50	50
X4.10	Pearson Correlation	.105	.176	.063	.476	1
	Sig. (2-tailed)	.469	.222	.663	.000	
	N	50	50	50	50	50
X4.11	Pearson Correlation	.000	.300	.097	.129	.455
	Sig. (2-tailed)	1.000	.034	.505	.370	.001

Correlations

		X4.11	Total_X4
X4.1	Pearson Correlation	.230	.417**
	Sig. (2-tailed)	.108	.003
	N	50	50
X4.2	Pearson Correlation	.085**	.535
	Sig. (2-tailed)	.555	.000
	N	50	50
X4.3	Pearson Correlation	.103	.480**
	Sig. (2-tailed)	.477	.000
	N	50	50
X4.4	Pearson Correlation	.092	.534*
	Sig. (2-tailed)	.525	.000
	N	50	50
X4.5	Pearson Correlation	-.037	.484*
	Sig. (2-tailed)	.801	.000
	N	50	50
X4.6	Pearson Correlation	.000	.469
	Sig. (2-tailed)	1.000	.001
	N	50	50
X4.7	Pearson Correlation	.300	.605
	Sig. (2-tailed)	.034	.000
	N	50	50
X4.8	Pearson Correlation	.097	.389

	Sig. (2-tailed)	.505	.005
	N	50	50
X4.9	Pearson Correlation	.129	.193
	Sig. (2-tailed)	.370	.180
	N	50	50
X4.10	Pearson Correlation	.455	.632
	Sig. (2-tailed)	.001	.000
	N	50	50
X4.11	Pearson Correlation	1	.495
	Sig. (2-tailed)		.000

Correlations

		X4.1	X4.2	X4.3	X4.4	X4.5
X4.11	N	50	50**	50	50	50
	Pearson Correlation	.417	.535	.480	.534	.484
Total_X4	Sig. (2-tailed)	.003	.000	.000	.000	.000
	N	50**	50	50**	50*	50*

Correlations

		X4.6	X4.7	X4.8	X4.9	X4.10
X4.11	N	50	50**	50	50	50
	Pearson Correlation	.469	.605	.389	.193	.632
Total_X4	Sig. (2-tailed)	.001	.000	.005	.180	.000
	N	50**	50	50**	50*	50*

Correlations

		X4.11	Total_X4
X4.11	N	50	50**
	Pearson Correlation	.495	1
Total_X4	Sig. (2-tailed)	.000	
	N	50**	50

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

CORRELATIONS

```

/VARIABLES=Y.1 Y.2 Y.3 Y.4 Y.5 Total_Y
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

Correlations

Notes		
Output Created	19-JUL-2023 17:08:42	
Comments		
Input	Active Dataset	DataSet0
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	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=Y.1 Y.2 Y.3 Y.4 Y.5 Total_Y /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,02

		Y.1	Y.2	Y.3	Y.4	Y.5	Total_Y
Y.1	Pearson Correlation	1	.714**	-.020	.030	.075	.649**
	Sig. (2-tailed)		.000	.892	.839	.606	.000
	N	50	50	50	50	50	50
Y.2	Pearson Correlation	.714**	1	.132	.057	.125	.703**
	Sig. (2-tailed)	.000		.362	.694	.388	.000
	N	50	50	50	50	50	50
Y.3	Pearson Correlation	-.020	.132	1	.403**	.007	.505**
	Sig. (2-tailed)	.892	.362		.004	.964	.000
	N	50	50	50	50	50	50
Y.4	Pearson Correlation	.030	.057	.403**	1	.161	.556**
	Sig. (2-tailed)	.839	.694	.004		.264	.000
	N	50	50	50	50	50	50

Y.5	Pearson Correlation	.075	.125	.007	.161	1	.478**
	Sig. (2-tailed)	.606	.388	.964	.264		.000
	N	50	50	50	50	50	50
Total_Y	Pearson Correlation	.649**	.703**	.505**	.556**	.478**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	50	50	50	50	50	50

** . Correlation is significant at the 0.01 level (2-tailed).

RELIABILITY

```

/VARIABLES=X1.1 X1.2 X1.3 X1.4 X1.5 X1.6 X1.7 X1.8 Total_X1
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability

Notes

Output Created	19-JUL-2023 17:13:50	
Comments		
Input	Active Dataset	DataSet0
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax	RELIABILITY /VARIABLES=X1.1 X1.2 X1.3 X1.4 X1.5 X1.6 X1.7 X1.8 Total_X1 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time 00:00:00,00 Elapsed Time 00:00:00,00

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded ^a	0	.0
	Total	50	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.740	9

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X1.1	56.26	33.707	.531	.720
X1.2	56.24	33.778	.458	.723
X1.3	56.30	33.888	.474	.723

X1.4	56.38	33.873	.410	.726
X1.5	56.58	32.289	.561	.709
X1.6	56.48	31.479	.624	.700
X1.7	56.38	32.853	.525	.714
X1.8	56.28	32.614	.468	.716
Total_X1	30.06	9.323	1.000	.721

RELIABILITY

```

/VARIABLES=X2.1 X2.2 X2.3 X2.4 X2.5 X2.6 X2.7 X2.8 Total_X2
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability

Notes

Output Created		19-JUL-2023 17:15:28
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax	RELIABILITY /VARIABLES=X2.1 X2.2 X2.3 X2.4 X2.5 X2.6 X2.7 X2.8 Total_X2 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time 00:00:00,02 Elapsed Time 00:00:00,01

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded ^a	0	.0
	Total	50	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.757	9

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X2.1	56.48	38.173	.527	.736
X2.2	56.36	37.949	.701	.730
X2.3	56.24	36.921	.716	.722

X2.4	56.36	35.174	.761	.708
X2.5	56.76	37.125	.639	.726
X2.6	56.86	37.347	.643	.727
X2.7	56.74	39.666	.425	.748
X2.8	56.60	40.776	.202	.762
Total_X2	30.16	10.709	1.000	.792

RELIABILITY

```

/VARIABLES=X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 Total_X3
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability

Notes

Output Created	19-JUL-2023 17:16:24	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax	RELIABILITY /VARIABLES=X3.1 X3.2 X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 Total_X3 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time 00:00:00,00 Elapsed Time 00:00:00,05

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded ^a	0	.0
	Total	50	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.728	9

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X3.1	55.50	31.398	.370	.716
X3.2	55.50	27.684	.698	.671
X3.3	55.42	27.840	.726	.670

X3.4	55.52	29.683	.527	.697
X3.5	55.98	31.040	.402	.713
X3.6	55.88	30.720	.474	.707
X3.7	55.70	32.133	.308	.723
X3.8	56.00	33.306	.119	.737
Total_X3	29.70	8.582	1.000	.674

RELIABILITY

```

/VARIABLES=X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9 X4.10 X4.11 Total_X4
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability

Notes

Output Created		19-JUL-2023 17:17:31
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax	RELIABILITY	
	/VARIABLES=X4.1 X4.2 X4.3 X4.4 X4.5 X4.6 X4.7 X4.8 X4.9 X4.10 X4.11 Total_X4 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.	
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,03

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded ^a	0	.0
	Total	50	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.710	12

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X4.1	73.76	30.594	.318	.697
X4.2	73.76	30.227	.463	.687

X4.3	73.72	30.573	.402	.692
X4.4	73.76	30.431	.467	.689
X4.5	73.60	30.816	.415	.693
X4.6	73.74	30.809	.397	.694
X4.7	73.80	29.592	.536	.680
X4.8	73.72	31.022	.299	.699
X4.9	73.50	32.500	.117	.713
X4.10	73.78	29.400	.566	.677
X4.11	73.88	30.230	.411	.690
Total_X4	38.62	8.322	1.000	.662

RELIABILITY

```

/VARIABLES=Y.1 Y.2 Y.3 Y.4 Y.5 Total_Y
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

Reliability

Notes		
Output Created		19-JUL-2023 17:18:13
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax	RELIABILITY /VARIABLES=Y.1 Y.2 Y.3 Y.4 Y.5 Total_Y /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time 00:00:00,05 Elapsed Time 00:00:00,13

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded ^a	0	.0
	Total	50	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.719	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Y.1	33.68	9.814	.510	.672
Y.2	33.72	10.083	.609	.665
Y.3	33.72	10.777	.364	.708
Y.4	33.82	10.559	.423	.697

Y.5	33.72	10.818	.324	.715
Total_Y	18.74	3.135	1.000	.497

```

EXAMINE VARIABLES=Total_Y BY Total_X1 Total_X2 Total_X3 Total_X4
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

Explore

Notes		
Output Created		19-JUL-2023 17:27:15
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.

Syntax	<pre> EXAMINE VARIABLES=Total_Y BY Total_X1 Total_X2 Total_X3 Total_X4 /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL. </pre>				
	Resources	<table border="1"> <tr> <td>Processor Time</td> <td>00:00:49,00</td> </tr> <tr> <td>Elapsed Time</td> <td>00:00:31,78</td> </tr> </table>	Processor Time	00:00:49,00	Elapsed Time
Processor Time	00:00:49,00				
Elapsed Time	00:00:31,78				

Warnings

Total_Y is constant when Total_X1 = 24. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X1 = 25. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X1 = 36. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X1 = 38. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X2 = 25. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X2 = 34. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X2 = 38. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X3 = 26. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X3 = 31. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X4 = 30. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X4 = 36. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X4 = 45. It will be included in any boxplots produced but other output will be omitted.

Total_Y is constant when Total_X4 = 46. It will be included in any boxplots produced but other output will be omitted.

Total_X1

Case Processing Summary

Total_X1		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Total_Y	24	1	100.0%	0	0.0%	1	100.0%
	25	1	100.0%	0	0.0%	1	100.0%
	26	2	100.0%	0	0.0%	2	100.0%
	27	6	100.0%	0	0.0%	6	100.0%
	28	7	100.0%	0	0.0%	7	100.0%
	29	8	100.0%	0	0.0%	8	100.0%
	30	6	100.0%	0	0.0%	6	100.0%
	31	3	100.0%	0	0.0%	3	100.0%
	32	7	100.0%	0	0.0%	7	100.0%
	33	2	100.0%	0	0.0%	2	100.0%
	35	5	100.0%	0	0.0%	5	100.0%
	36	1	100.0%	0	0.0%	1	100.0%
	38	1	100.0%	0	0.0%	1	100.0%

Descriptives^{a,b,c,d}

Total_X1		Statistic	Std. Error
Total_Y	26	Mean	17.00
		95% Confidence Interval for Mean	
		Lower Bound	17.00
		Upper Bound	17.00
		5% Trimmed Mean	17.00
		Median	17.00
		Variance	.000
		Std. Deviation	.000
		Minimum	17
		Maximum	17

	Range	0	
	Interquartile Range	0	
	Skewness	.	.
	Kurtosis	.	.
	Mean	18.33	.667
	95% Confidence Interval for	Lower Bound	16.62
	Mean	Upper Bound	20.05
	5% Trimmed Mean	18.37	
	Median	18.50	
	Variance	2.667	
27	Std. Deviation	1.633	
	Minimum	16	
	Maximum	20	
	Range	4	
	Interquartile Range	3	
	Skewness	-.383	.845
	Kurtosis	-1.481	1.741
	Mean	18.00	.218
	95% Confidence Interval for	Lower Bound	17.47
	Mean	Upper Bound	18.53
28	5% Trimmed Mean	18.00	
	Median	18.00	
	Variance	.333	

Descriptives^{a,b,c,d}

Total_X1		Statistic	Std. Error
Total_Y	28	Std. Deviation	.577
		Minimum	17
		Maximum	19
		Range	2
		Interquartile Range	0
		Skewness	.000 .794
		Kurtosis	3.000 1.587
		Mean	17.75 .366
		95% Confidence Interval for	Lower Bound 16.88
		Mean	Upper Bound 18.62
	29	5% Trimmed Mean	17.78
		Median	18.00
		Variance	1.071
		Std. Deviation	1.035

	Minimum	16	
	Maximum	19	
	Range	3	
	Interquartile Range	2	
	Skewness	-.386	.752
	Kurtosis	-.448	1.481
30	Mean	18.50	.563
	95% Confidence Interval for	Lower Bound	17.05
	Mean	Upper Bound	19.95
	5% Trimmed Mean	18.50	
	Median	18.50	
	Variance	1.900	
	Std. Deviation	1.378	
	Minimum	17	
	Maximum	20	
	Range	3	
	Interquartile Range	3	
	Skewness	.000	.845

Descriptives^{a,b,c,d}

Total_X1		Statistic	Std. Error	
Total_Y	30	Kurtosis	-2.299	1.741
		Mean	19.33	1.453
		95% Confidence Interval for	Lower Bound	13.08
	Mean	Upper Bound	25.58	
	5% Trimmed Mean	.		
	Median	19.00		
	Variance	6.333		
	31	Std. Deviation	2.517	
		Minimum	17	
		Maximum	22	
		Range	5	
		Interquartile Range	.	
	Skewness	.586	1.225	
	Kurtosis	.	.	
	32	Mean	19.57	.997
95% Confidence Interval for		Lower Bound	17.13	
Mean		Upper Bound	22.01	
5% Trimmed Mean		19.58		
Median		20.00		

	Variance		6.952	
	Std. Deviation		2.637	
	Minimum		15	
	Maximum		24	
	Range		9	
	Interquartile Range		1	
	Skewness		-.112	.794
	Kurtosis		2.533	1.587
	Mean		19.50	.500
33	95% Confidence Interval for	Lower Bound	13.15	
	Mean	Upper Bound	25.85	
	5% Trimmed Mean		.	
	Median		19.50	

Descriptives^{a,b,c,d}

Total_X1		Statistic	Std. Error	
Total_Y	33	Variance	.500	
		Std. Deviation	.707	
		Minimum	19	
		Maximum	20	
		Range	1	
		Interquartile Range	.	
		Skewness	.	
		Kurtosis	.	
		Mean	20.00	
		95% Confidence Interval for	Lower Bound	18.24
		Mean	Upper Bound	21.76
		5% Trimmed Mean		20.00
		Median		20.00
35		Variance	2.000	
		Std. Deviation	1.414	
		Minimum	18	
		Maximum	22	
		Range	4	
		Interquartile Range	2	
		Skewness	.000	
		Kurtosis	2.000	

- a. Total_Y is constant when Total_X1 = 24. It has been omitted.
b. Total_Y is constant when Total_X1 = 25. It has been omitted.
c. Total_Y is constant when Total_X1 = 36. It has been omitted.

d. Total_Y is constant when Total_X1 = 38. It has been omitted.

Tests of Normality^{a,b,e,f}

	Total_X1	Kolmogorov-Smirnov ^c			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Total_Y	26	.	2	.			
	27	.180	6	.200*	.920	6	.505
	28	.357	7	.007	.777	7	.024
	29	.220	8	.200*	.917	8	.408
	30	.195	6	.200*	.861	6	.191
	31	.219	3	.	.987	3	.780
	32	.293	7	.071	.878	7	.218
	33	.260	2	.			
	35	.300	5	.161	.883	5	.325

*. This is a lower bound of the true significance.

a. Total_Y is constant when Total_X1 = 24. It has been omitted.

b. Total_Y is constant when Total_X1 = 25. It has been omitted.

c. Lilliefors Significance Correction

e. Total_Y is constant when Total_X1 = 36. It has been omitted.

f. Total_Y is constant when Total_X1 = 38. It has been omitted.

Total_Y

Stem-and-Leaf Plots

Total_Y Stem-and-Leaf Plot for
Total_X1= 26

Frequency Stem & Leaf

2,00 1 . 77

Stem width: 10

Each leaf: 1 case(s)

Total_Y Stem-and-Leaf Plot for
Total_X1= 27

Frequency Stem & Leaf

4,00 1 . 6789
2,00 2 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 28

Frequency Stem & Leaf

1,00 Extremes (= < 17)
5,00 1 . 88888
1,00 Extremes (>= 19)

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 29

Frequency Stem & Leaf

1,00 16 . 0
2,00 17 . 00
3,00 18 . 000
2,00 19 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 30

Frequency Stem & Leaf

2,00	17 . 00
1,00	18 . 0
1,00	19 . 0
2,00	20 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 31

Frequency Stem & Leaf

2,00	1 . 79
1,00	2 . 2

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 32

Frequency Stem & Leaf

1,00	Extremes (= < 15,0)
2,00	19 . 00
,00	19 .
3,00	20 . 000
1,00	Extremes (>= 24,0)

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

Total_Y Stem-and-Leaf Plot for
Total_X1= 33

Frequency Stem & Leaf

1,00	19 . 0
1,00	20 . 0

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

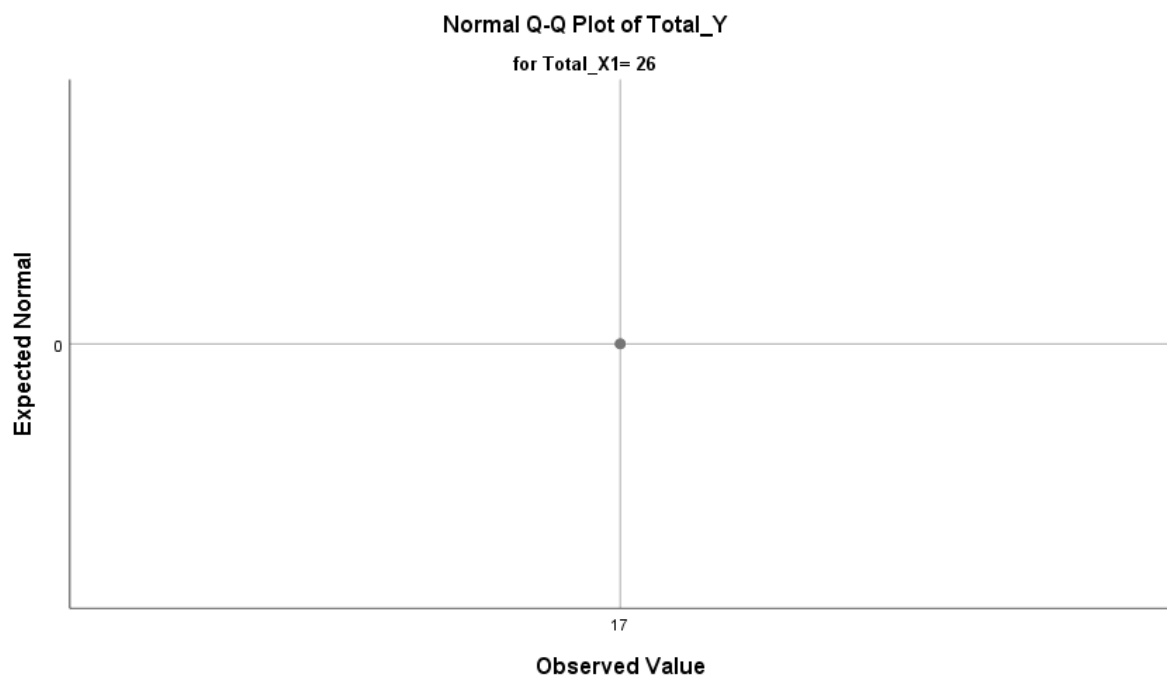
Total_Y Stem-and-Leaf Plot for
Total_X1= 35

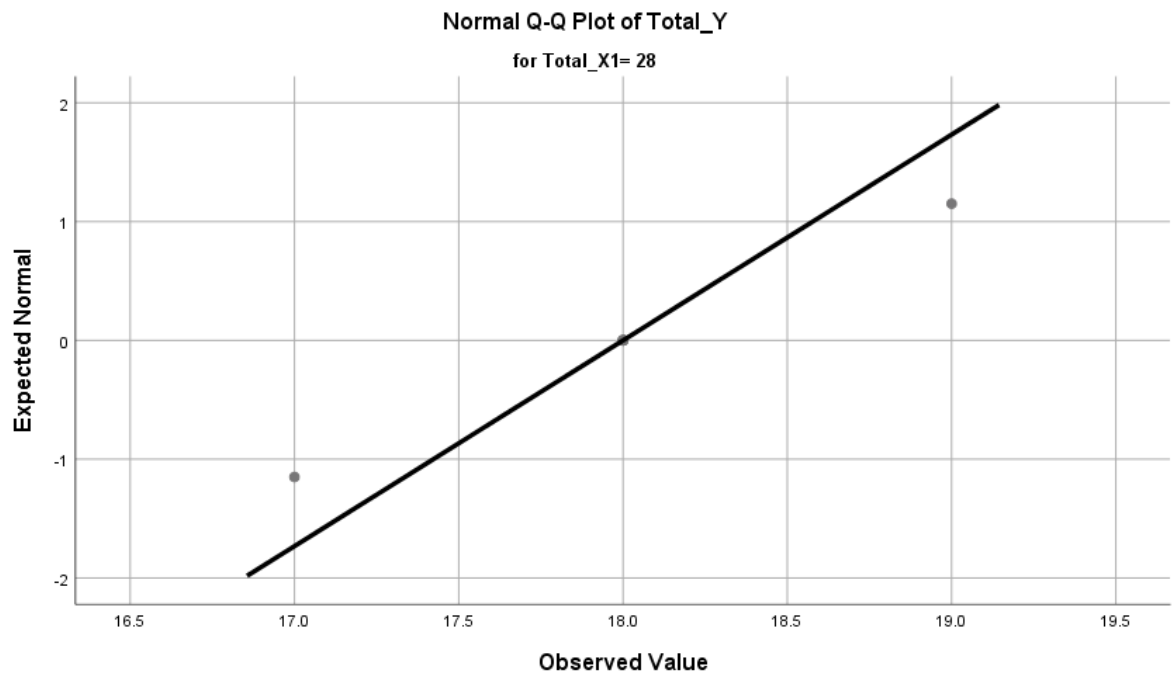
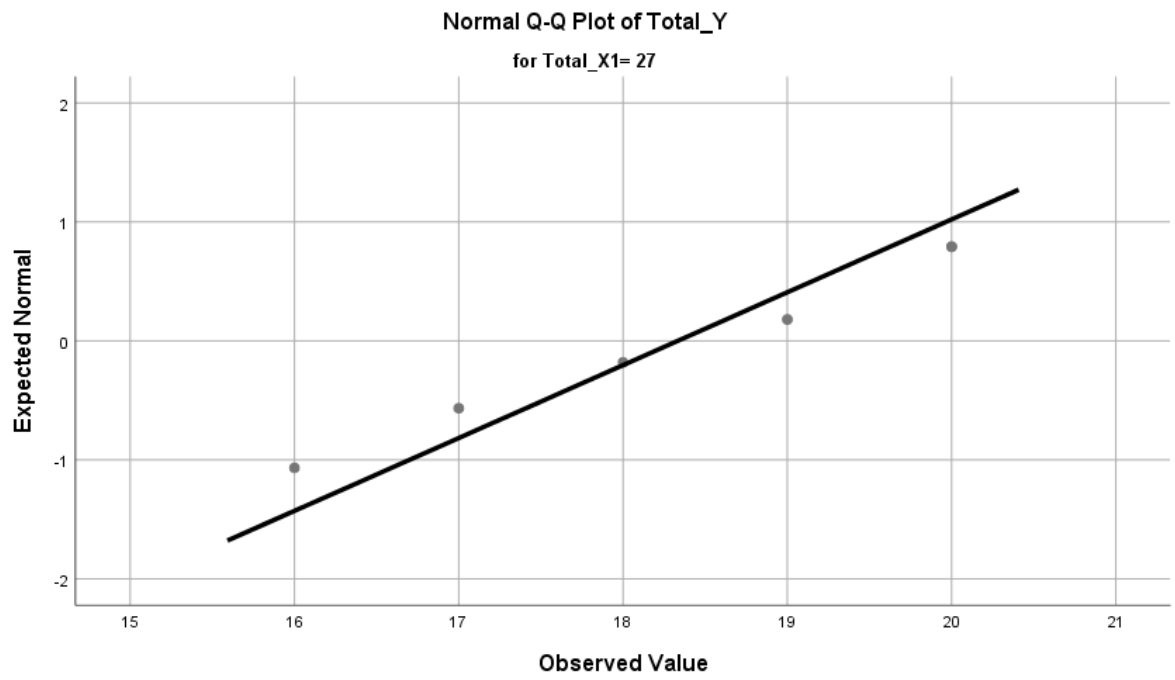
Frequency Stem & Leaf

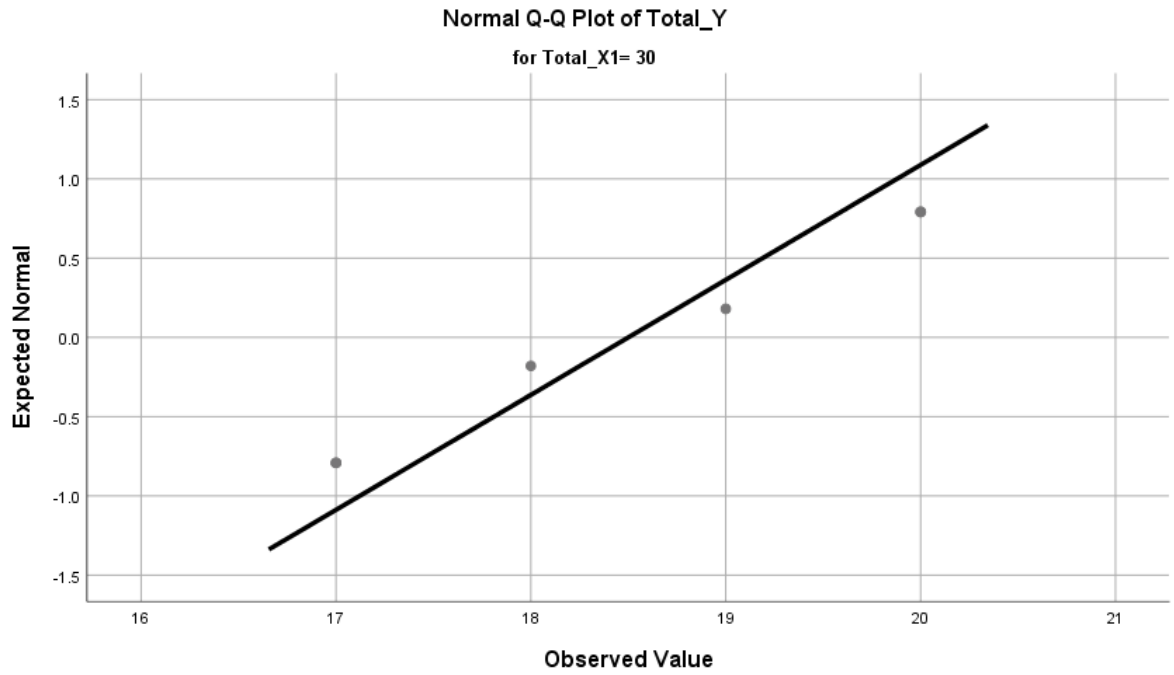
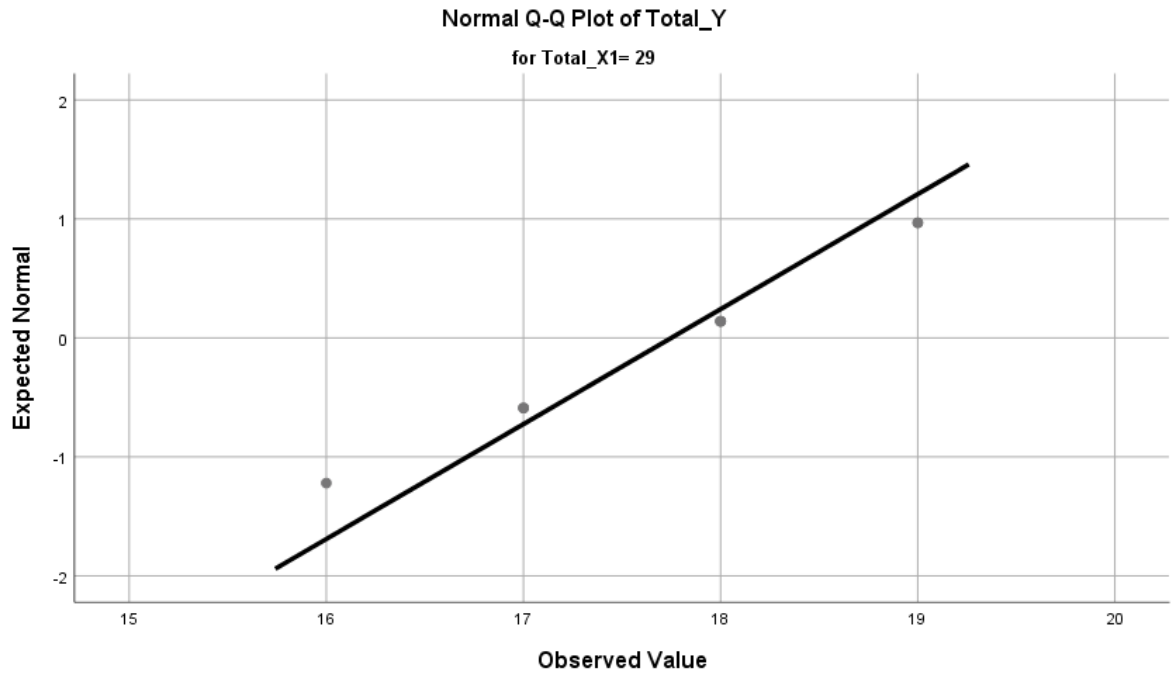
1,00 Extremes (= < 18)
3,00 2 . 000
1,00 Extremes (>= 22)

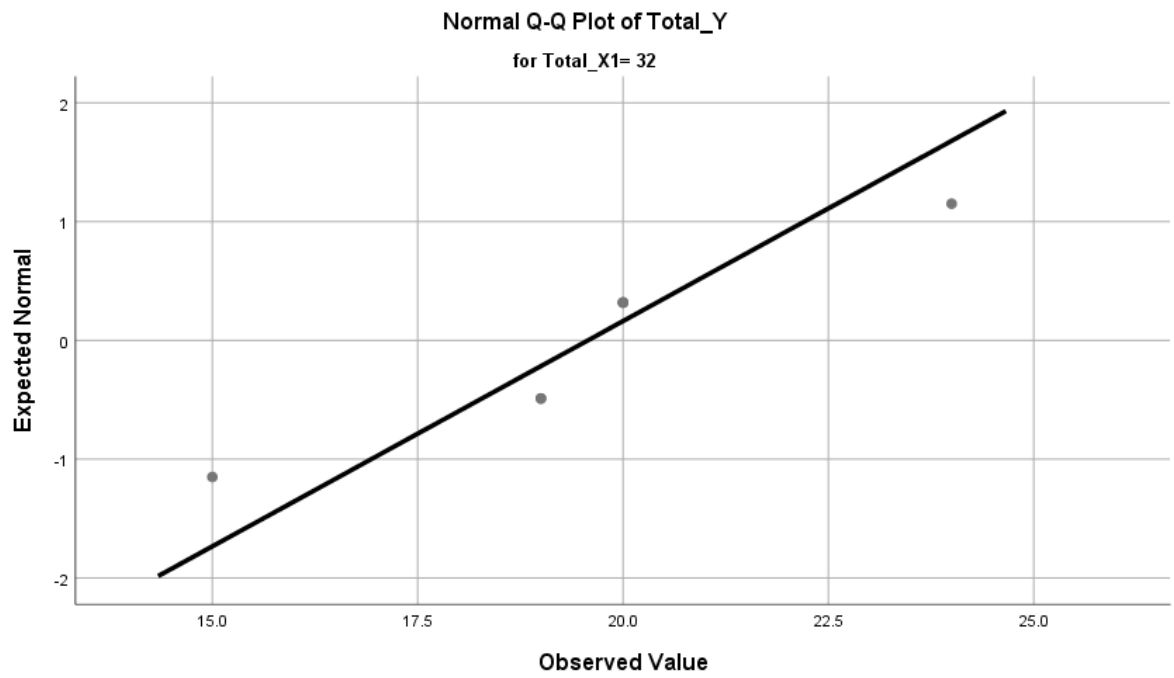
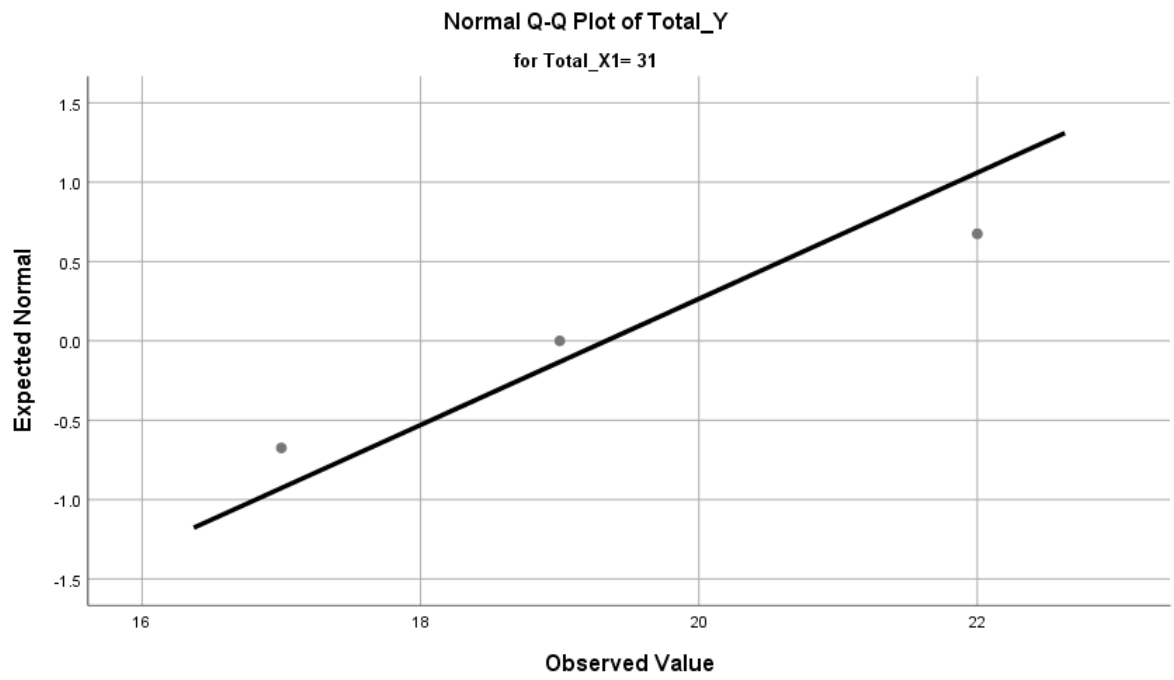
Stem width: 10
Each leaf: 1 case(s)

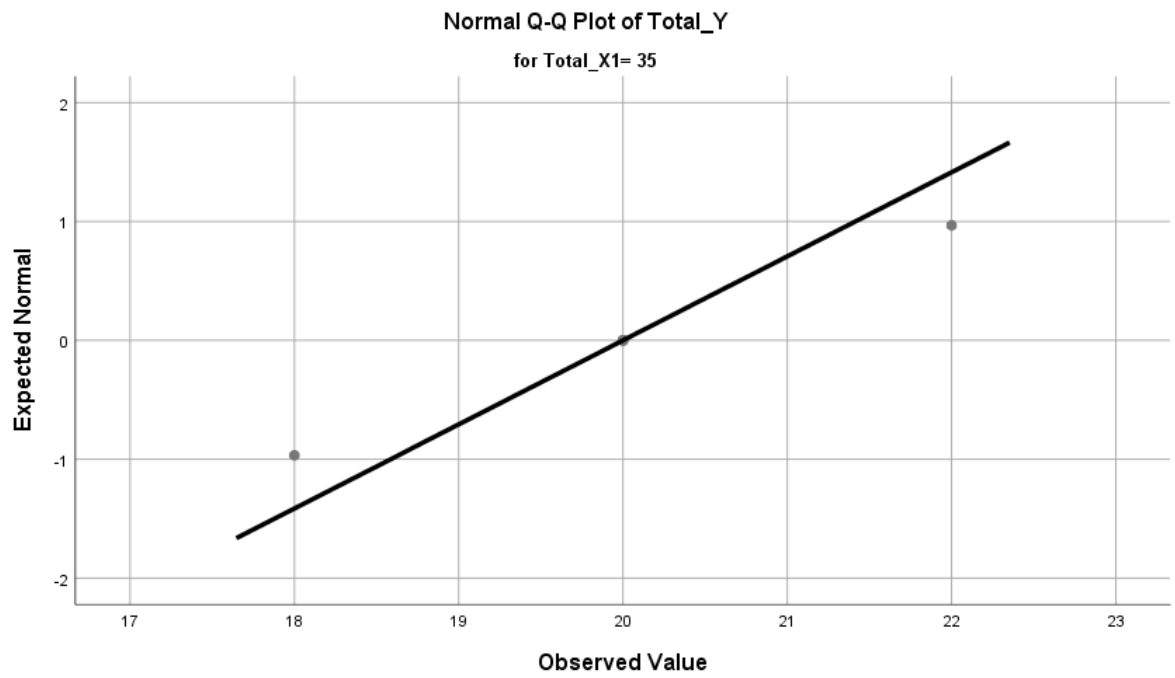
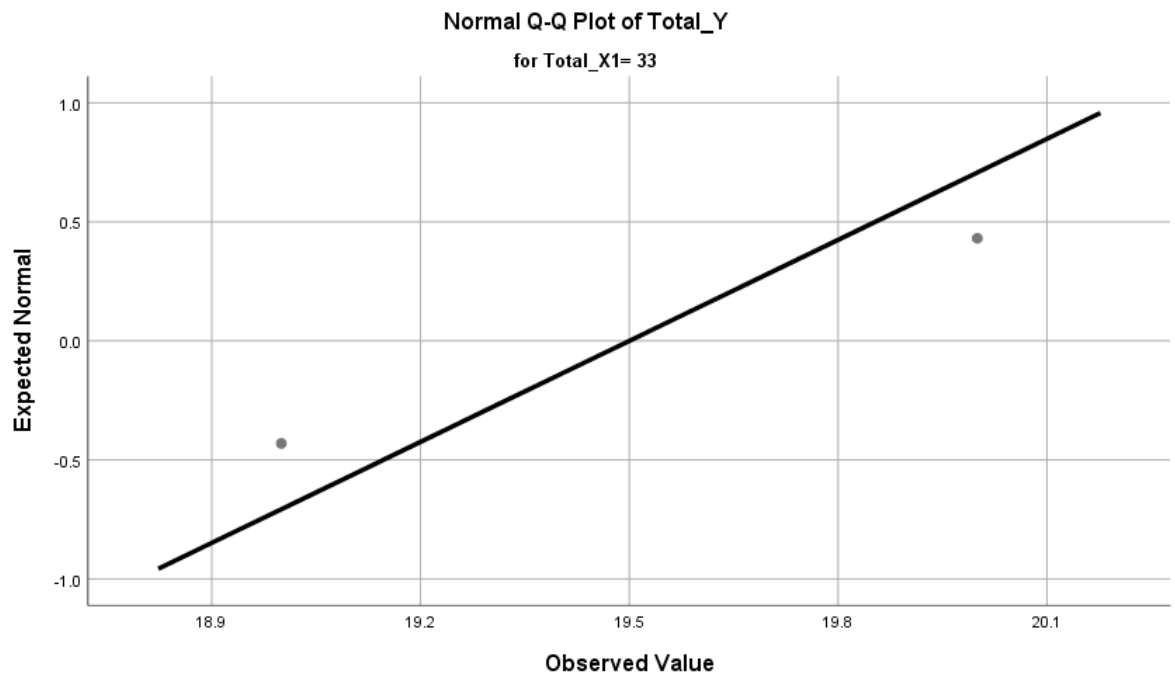
Normal Q-Q Plots



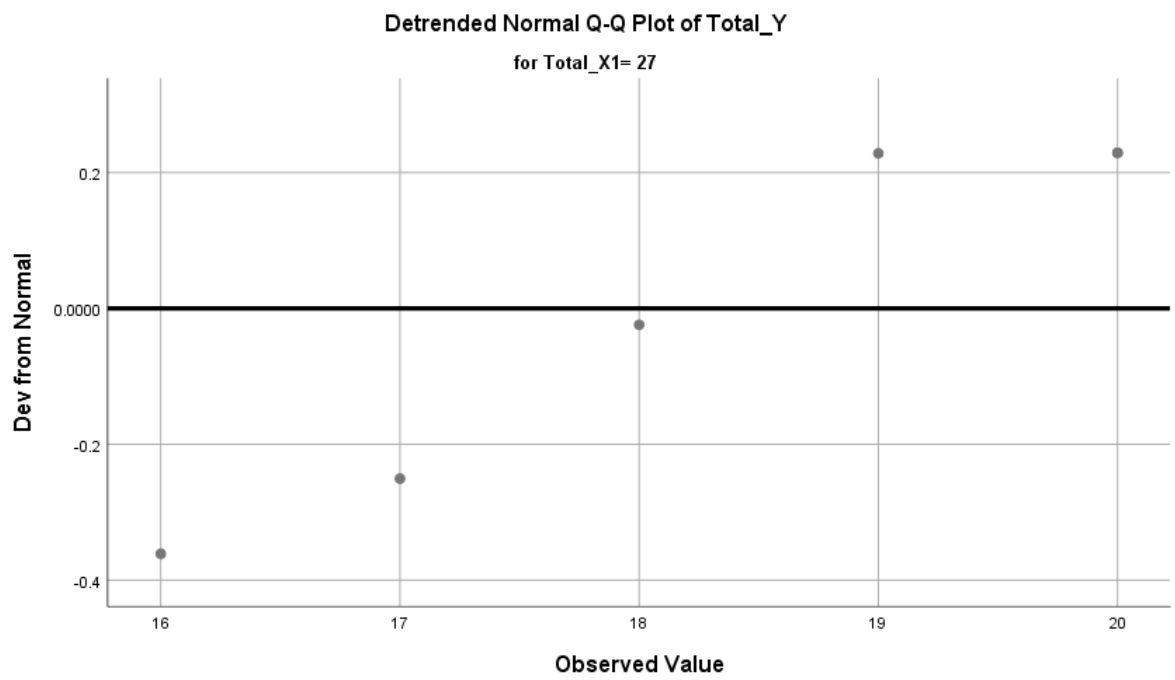
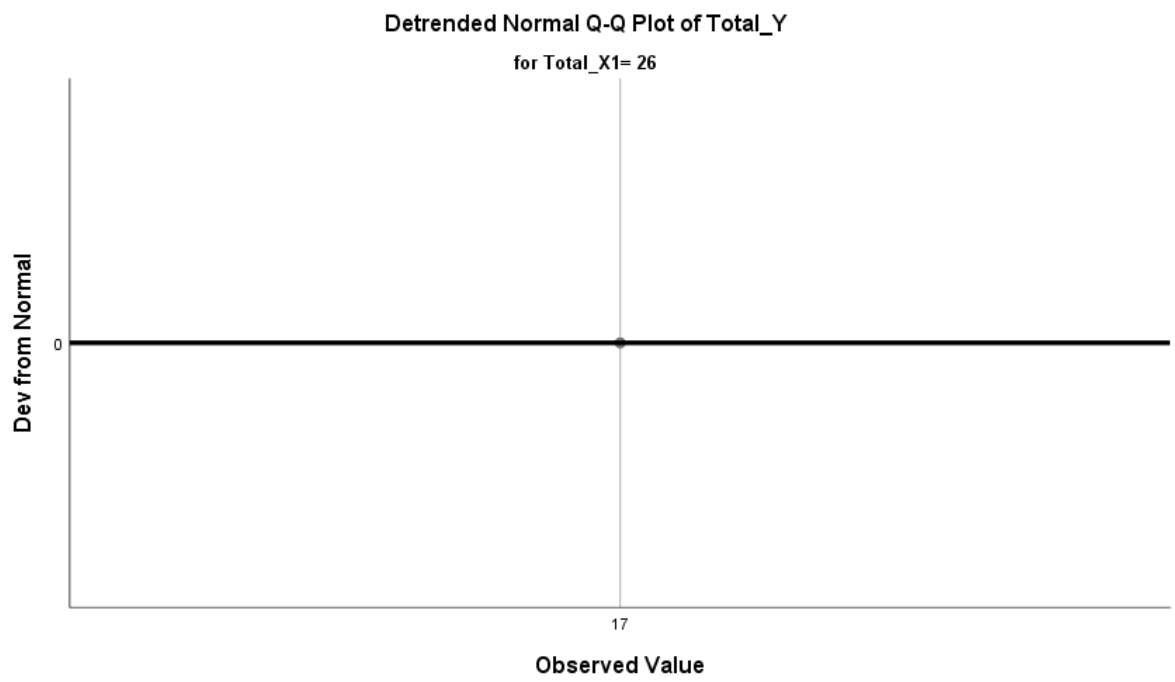


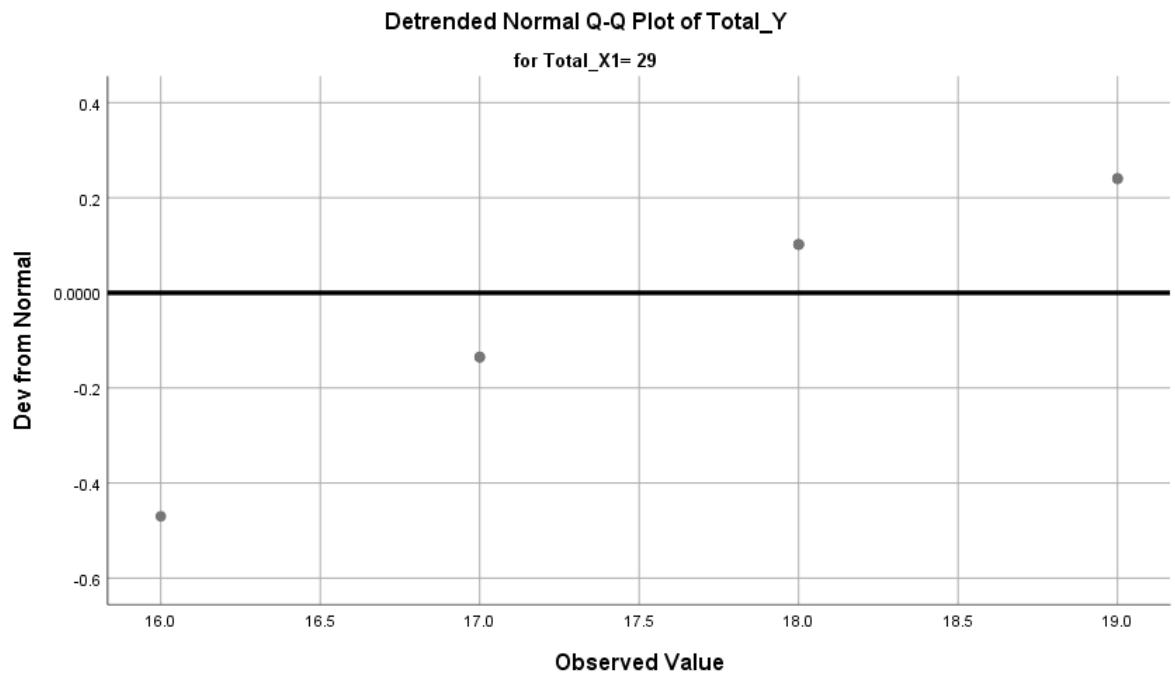
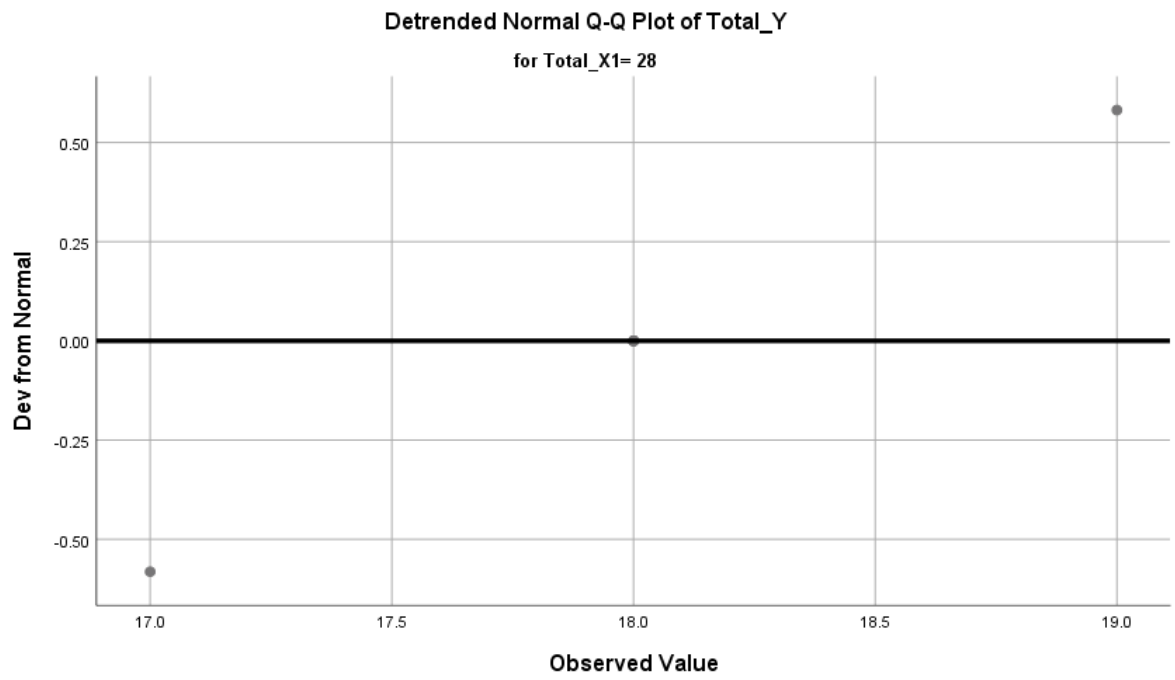


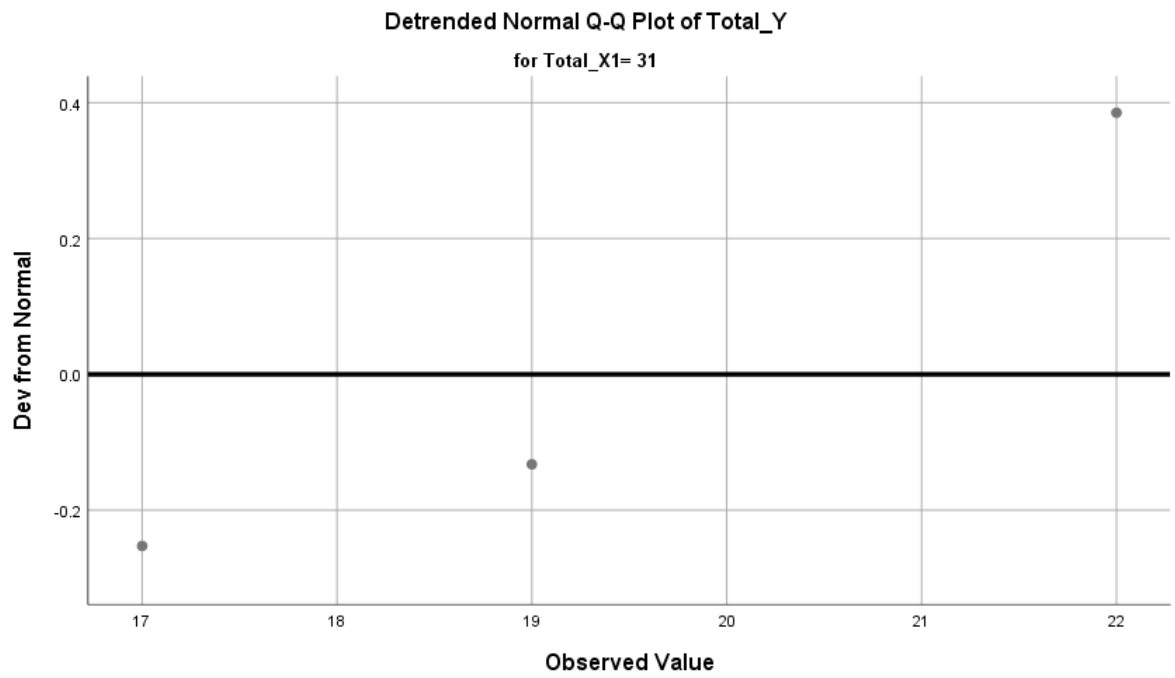
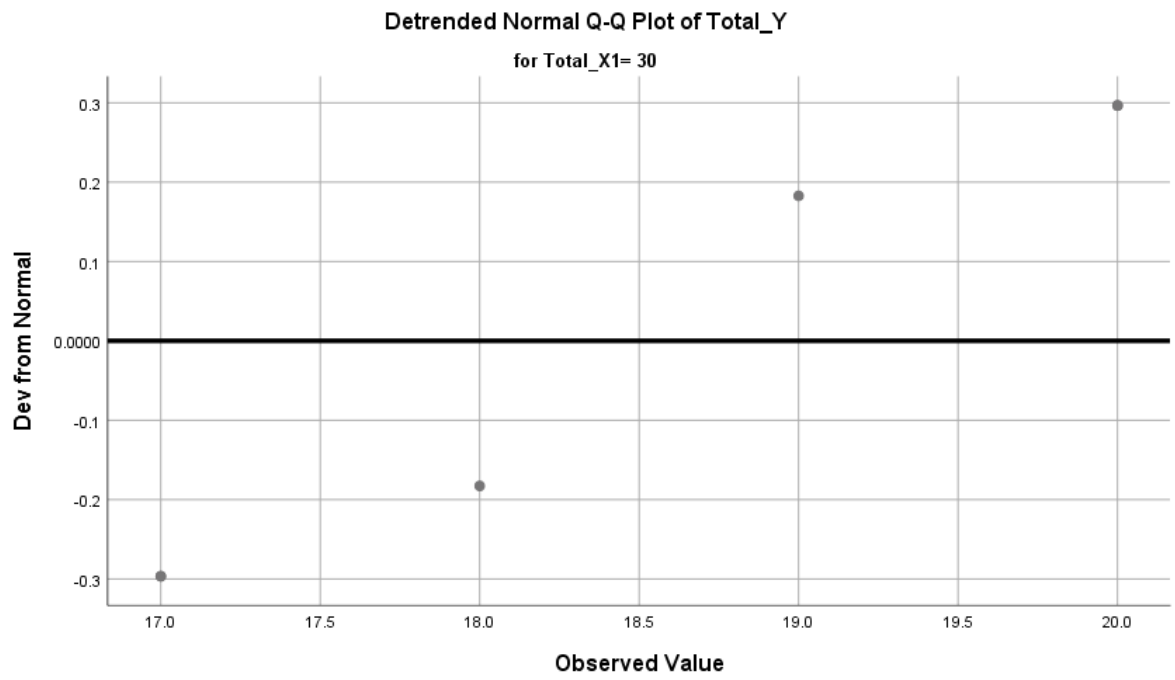


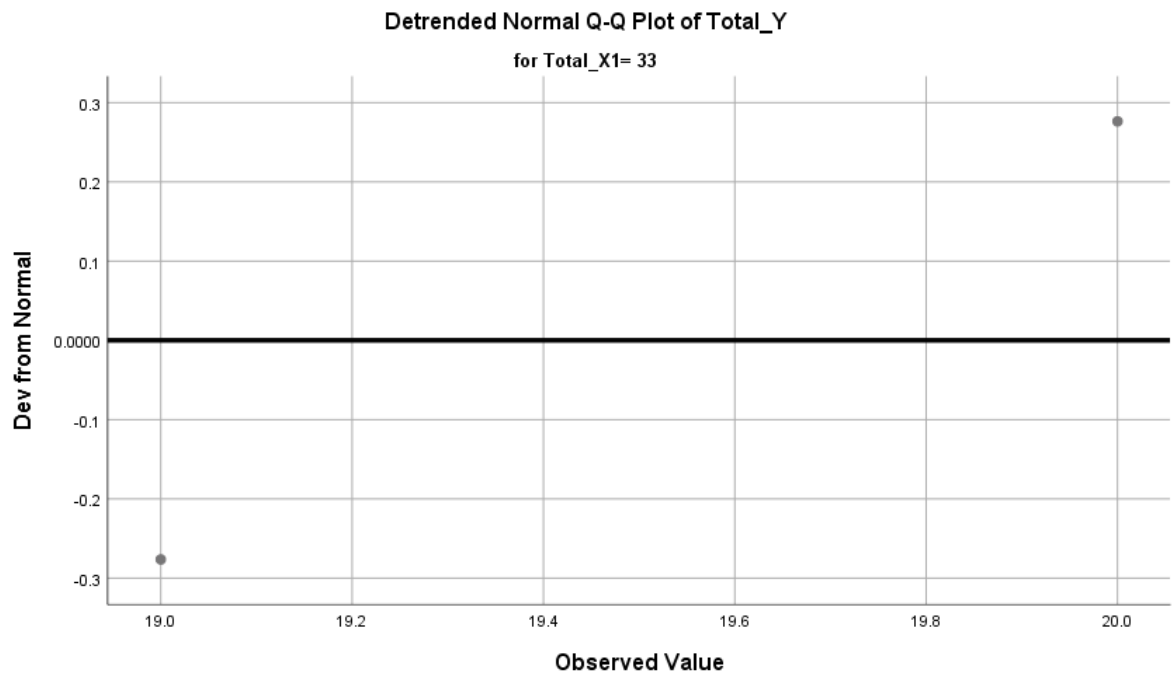
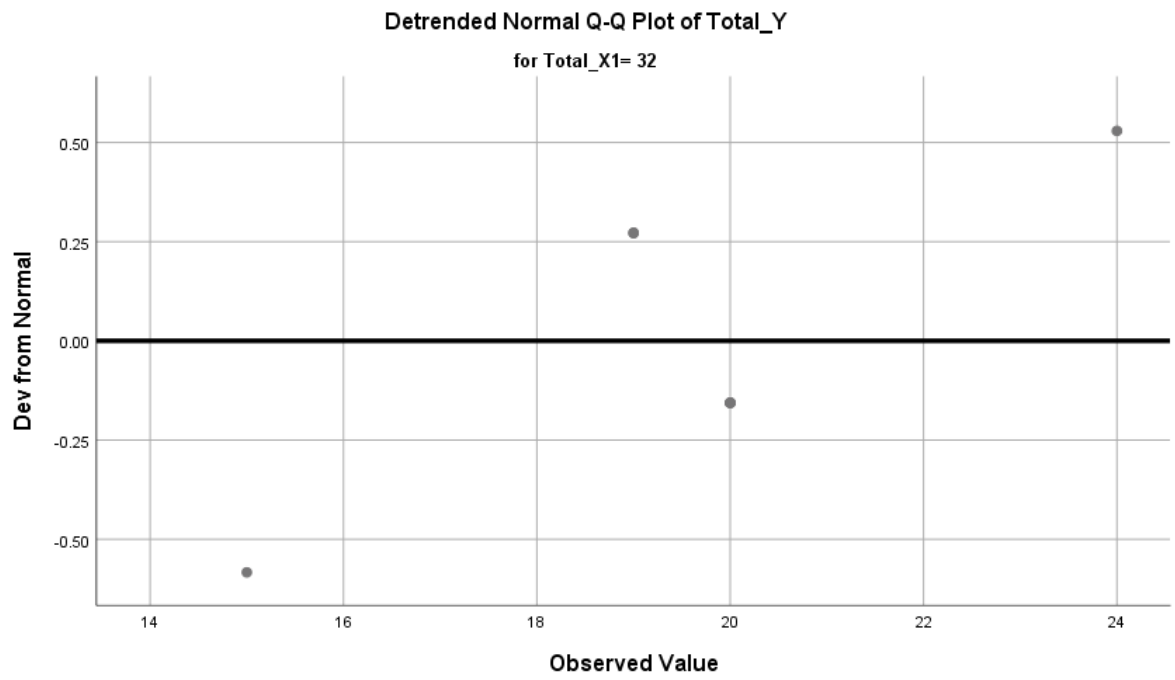


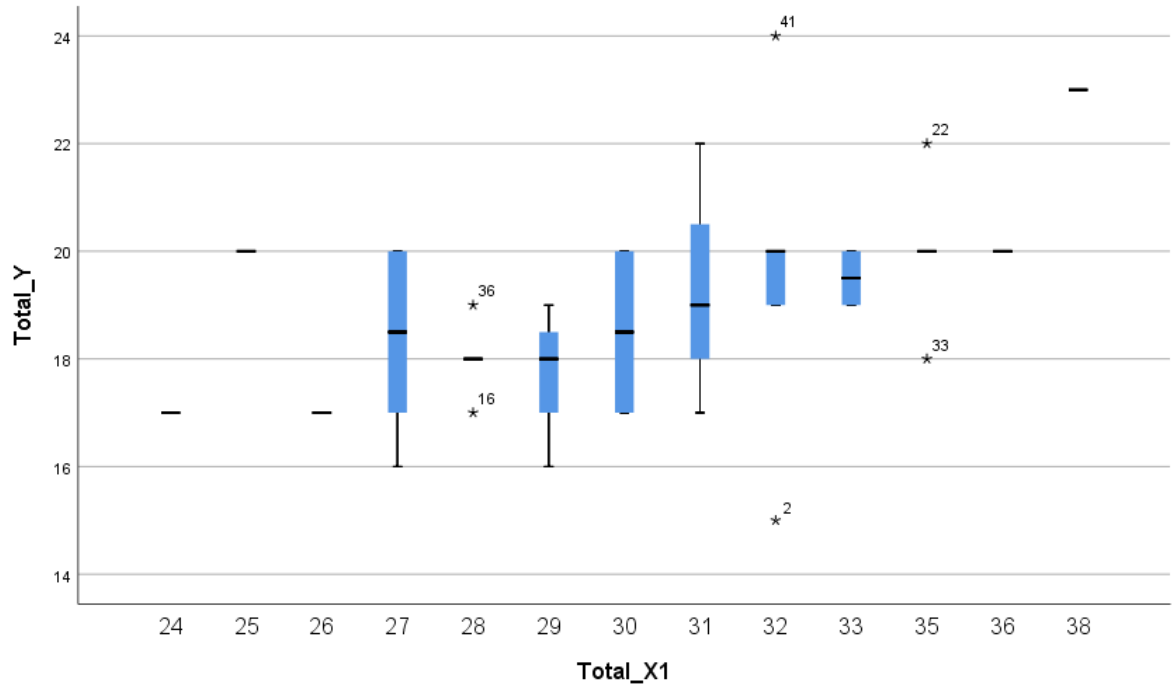
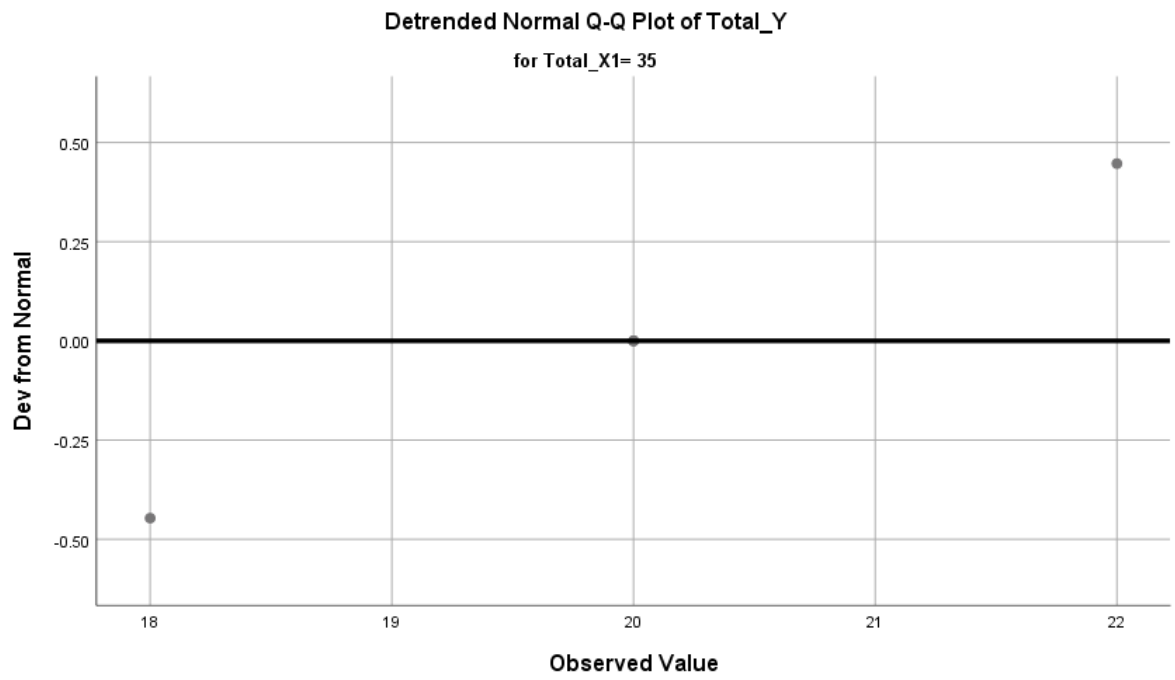
Detrended Normal Q-Q Plots











Total_X2

Case Processing Summary

	Total_X2	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Total_Y	25	1	100.0%	0	0.0%	1	100.0%
	26	3	100.0%	0	0.0%	3	100.0%
	27	2	100.0%	0	0.0%	2	100.0%
	28	16	100.0%	0	0.0%	16	100.0%
	29	7	100.0%	0	0.0%	7	100.0%
	30	4	100.0%	0	0.0%	4	100.0%
	31	3	100.0%	0	0.0%	3	100.0%
	32	2	100.0%	0	0.0%	2	100.0%
	33	2	100.0%	0	0.0%	2	100.0%
	34	1	100.0%	0	0.0%	1	100.0%
	35	3	100.0%	0	0.0%	3	100.0%
	36	5	100.0%	0	0.0%	5	100.0%
	38	1	100.0%	0	0.0%	1	100.0%

Descriptives^{a,b,c}

	Total_X2	Statistic		Std. Error
Total_Y	26	Mean	19.33	1.333
		95% Confidence Interval for	Lower Bound	13.60
		Mean	Upper Bound	25.07
		5% Trimmed Mean	.	
		Median	18.00	
		Variance	5.333	
		Std. Deviation	2.309	
		Minimum	18	
		Maximum	22	
		Range	4	
		Interquartile Range	.	
		Skewness	1.732	1.225
		Kurtosis	.	.
	27	Mean	17.00	.000
	95% Confidence Interval for	Lower Bound	17.00	
	Mean	Upper Bound	17.00	
	5% Trimmed Mean	17.00		
	Median	17.00		

	Variance		.000	
	Std. Deviation		.000	
	Minimum		17	
	Maximum		17	
	Range		0	
	Interquartile Range		0	
	Skewness		.	.
	Kurtosis		.	.
28	Mean		17.81	.292
	95% Confidence Interval for	Lower Bound	17.19	
	Mean	Upper Bound	18.43	
	5% Trimmed Mean		17.79	
	Median		18.00	
	Variance		1.363	

Descriptives^{a,b,c}

Total_X2		Statistic	Std. Error	
Total_Y	28	Std. Deviation	1.167	
		Minimum	16	
		Maximum	20	
		Range	4	
		Interquartile Range	1	
		Skewness	.412	.564
		Kurtosis	.108	1.091
		Mean	18.00	.378
		95% Confidence Interval for	Lower Bound	17.08
		Mean	Upper Bound	18.92
		5% Trimmed Mean		18.00
		Median		18.00
		Variance		1.000
		29	29	Std. Deviation
Minimum	17			
Maximum	19			
Range	2			
Interquartile Range	2			
Skewness	.000			.794
Kurtosis	-2.600			1.587
Mean	20.50	.500		
30	30	95% Confidence Interval for	Lower Bound	18.91
		Mean	Upper Bound	22.09

5% Trimmed Mean	20.44	
Median	20.00	
Variance	1.000	
Std. Deviation	1.000	
Minimum	20	
Maximum	22	
Range	2	
Interquartile Range	2	
Skewness	2.000	1.014

Descriptives^{a,b,c}

Total_X2		Statistic	Std. Error	
Total_Y	30	Kurtosis	4.000	2.619
		Mean	19.00	1.000
		95% Confidence Interval for Mean	Lower Bound	14.70
			Upper Bound	23.30
		5% Trimmed Mean	.	
		Median	20.00	
		Variance	3.000	
	31	Std. Deviation	1.732	
		Minimum	17	
		Maximum	20	
		Range	3	
		Interquartile Range	.	
		Skewness	-1.732	1.225
		Kurtosis	.	.
		Mean	17.00	2.000
		95% Confidence Interval for Mean	Lower Bound	-8.41
			Upper Bound	42.41
		5% Trimmed Mean	.	
		Median	17.00	
		Variance	8.000	
	32	Std. Deviation	2.828	
		Minimum	15	
		Maximum	19	
		Range	4	
		Interquartile Range	.	
		Skewness	.	.
	Kurtosis	.	.	
33	Mean	19.00	.000	

95% Confidence Interval for	Lower Bound	19.00	
Mean	Upper Bound	19.00	
5% Trimmed Mean		19.00	
Median		19.00	

Descriptives^{a,b,c}

Total_X2		Statistic	Std. Error	
Total_Y	33	Variance	.000	
		Std. Deviation	.000	
		Minimum	19	
		Maximum	19	
		Range	0	
		Interquartile Range	0	
		Skewness	.	
		Kurtosis	.	
		Mean	20.33	1.453
		95% Confidence Interval for	Lower Bound	14.08
	Mean	Upper Bound	26.58	
	5% Trimmed Mean	.		
	Median	20.00		
35		Variance	6.333	
		Std. Deviation	2.517	
		Minimum	18	
		Maximum	23	
		Range	5	
		Interquartile Range	.	
		Skewness	.586	1.225
		Kurtosis	.	.
		Mean	20.00	.000
		95% Confidence Interval for	Lower Bound	20.00
	Mean	Upper Bound	20.00	
	5% Trimmed Mean	20.00		
	Median	20.00		
36		Variance	.000	
		Std. Deviation	.000	
		Minimum	20	
		Maximum	20	
		Range	0	
		Interquartile Range	0	

Descriptives^{a,b,c}

Total_X2		Statistic	Std. Error
Total_Y	36	Skewness	.
		Kurtosis	.

- a. Total_Y is constant when Total_X2 = 25. It has been omitted.
- b. Total_Y is constant when Total_X2 = 34. It has been omitted.
- c. Total_Y is constant when Total_X2 = 38. It has been omitted.

Tests of Normality^{a,c,d}

	Total_X2	Kolmogorov-Smirnov ^b			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Total_Y	26	.385	3	.	.750	3	.000
	27	.	2	.			
	28	.249	16	.009	.897	16	.073
	29	.270	7	.133	.759	7	.016
	30	.441	4	.	.630	4	.001
	31	.385	3	.	.750	3	.000
	32	.260	2	.			
	33	.	2	.			
	35	.219	3	.	.987	3	.780
	36	.	5	.		5	.

- a. Total_Y is constant when Total_X2 = 25. It has been omitted.
- b. Lilliefors Significance Correction
- c. Total_Y is constant when Total_X2 = 34. It has been omitted.
- d. Total_Y is constant when Total_X2 = 38. It has been omitted.

Total_Y

Stem-and-Leaf Plots

Total_Y Stem-and-Leaf Plot for

Total_X2= 26

Frequency Stem & Leaf

2,00	1 . 88
1,00	2 . 2

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 27

Frequency Stem & Leaf

2,00	1 . 77
------	--------

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 28

Frequency Stem & Leaf

2,00	16 . 00
,00	16 .
4,00	17 . 0000
,00	17 .
7,00	18 . 0000000
,00	18 .
1,00	19 . 0
2,00	Extremes (>=20,0)

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 29

Frequency Stem & Leaf

3,00	17 . 000
1,00	18 . 0
3,00	19 . 000

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 30

Frequency Stem & Leaf

3,00	20 . 000
,00	21 .
1,00	22 . 0

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 31

Frequency Stem & Leaf

1,00	1 . 7
2,00	2 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 32

Frequency Stem & Leaf

,00	1 .
2,00	1 . 59

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 33

Frequency Stem & Leaf

2,00 1 . 99

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

Total_Y Stem-and-Leaf Plot for
Total_X2= 35

Frequency Stem & Leaf

1,00 1 . 8
2,00 2 . 03

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

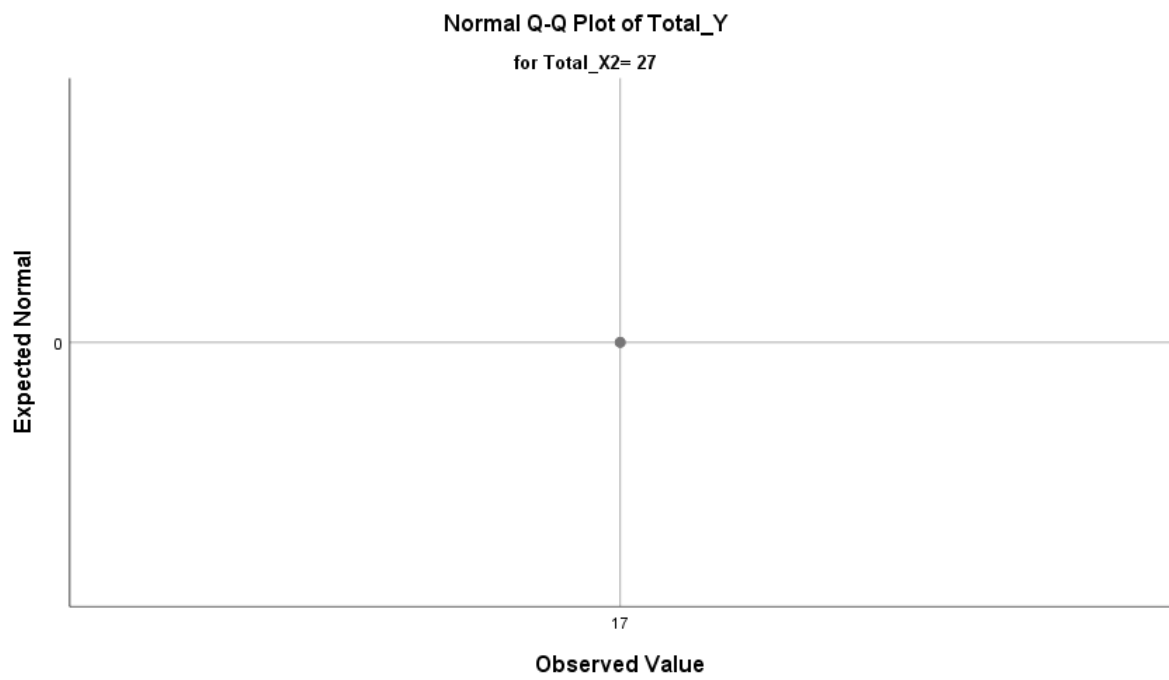
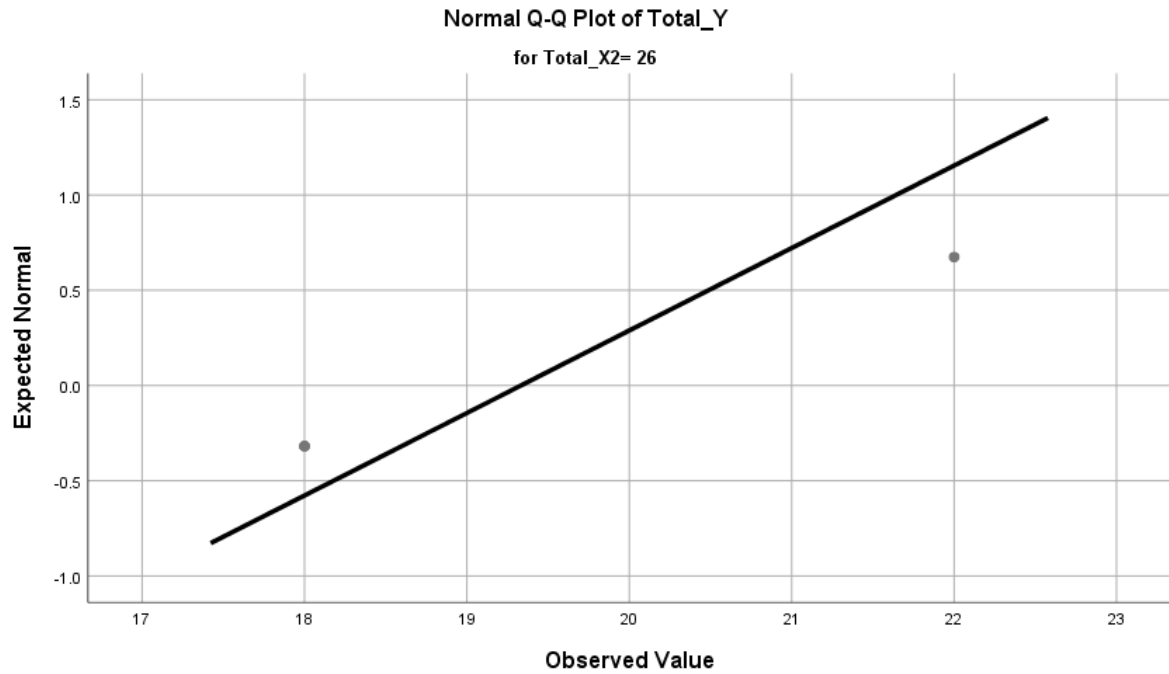
Total_Y Stem-and-Leaf Plot for
Total_X2= 36

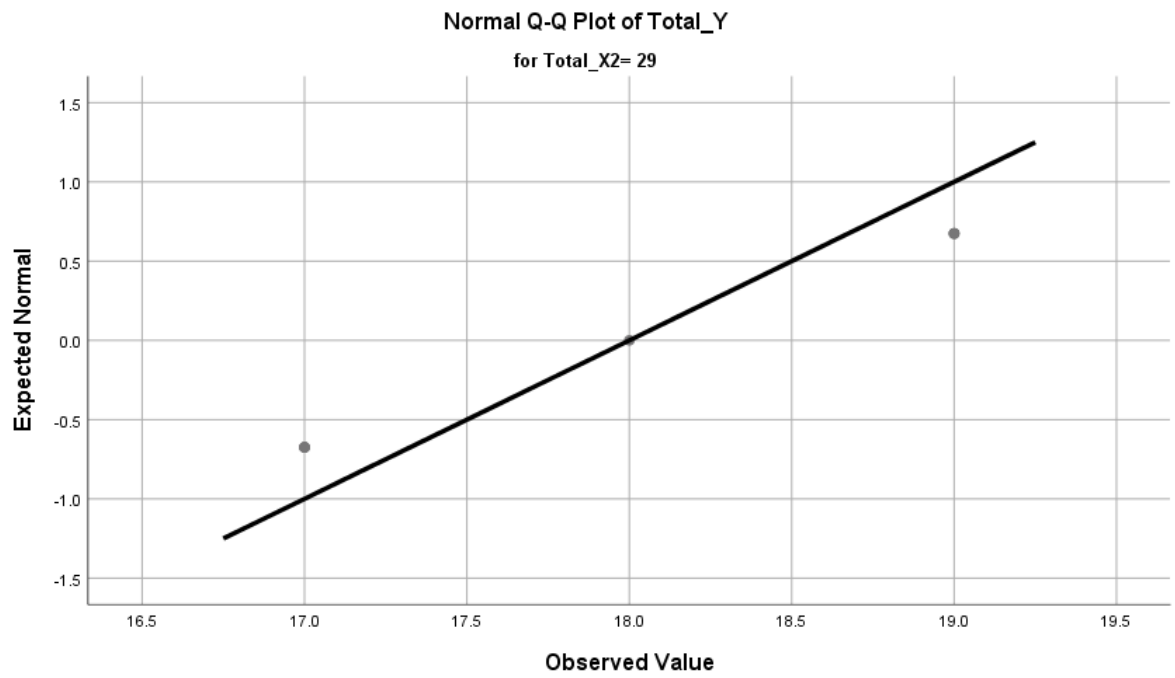
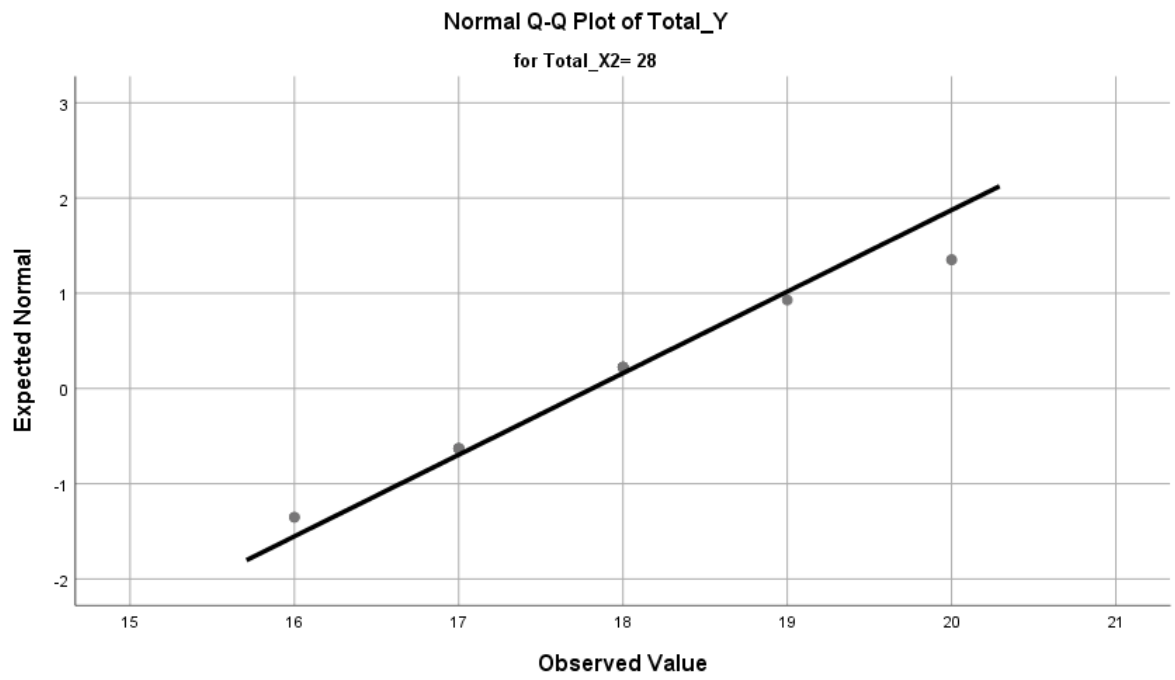
Frequency Stem & Leaf

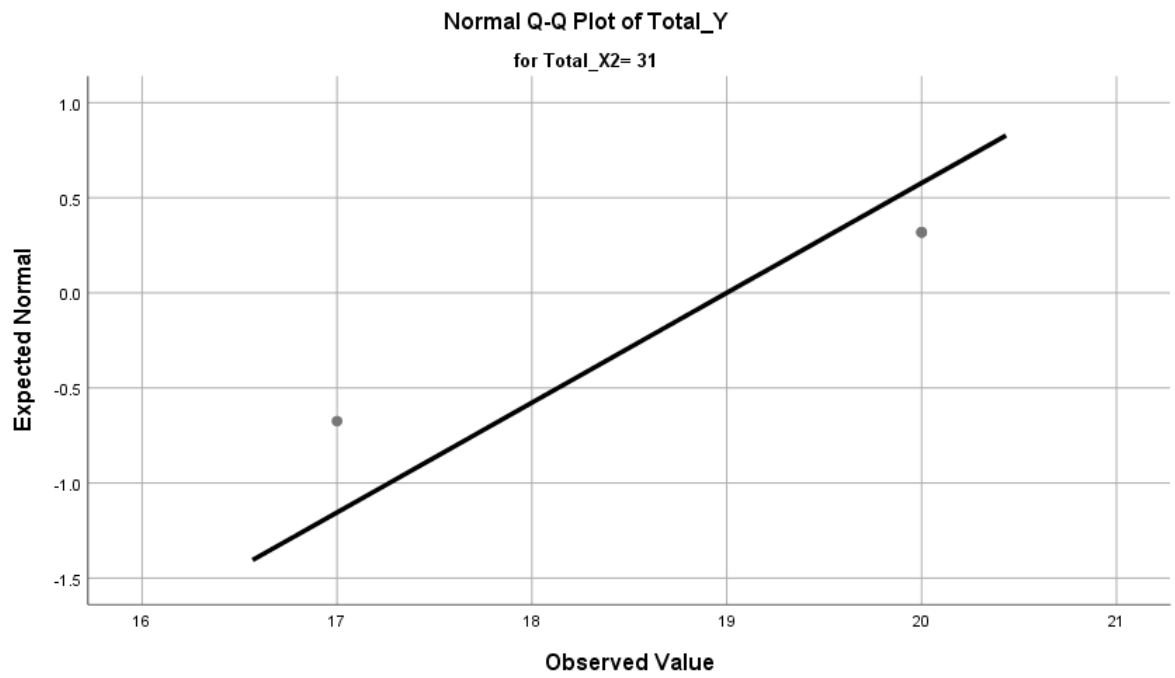
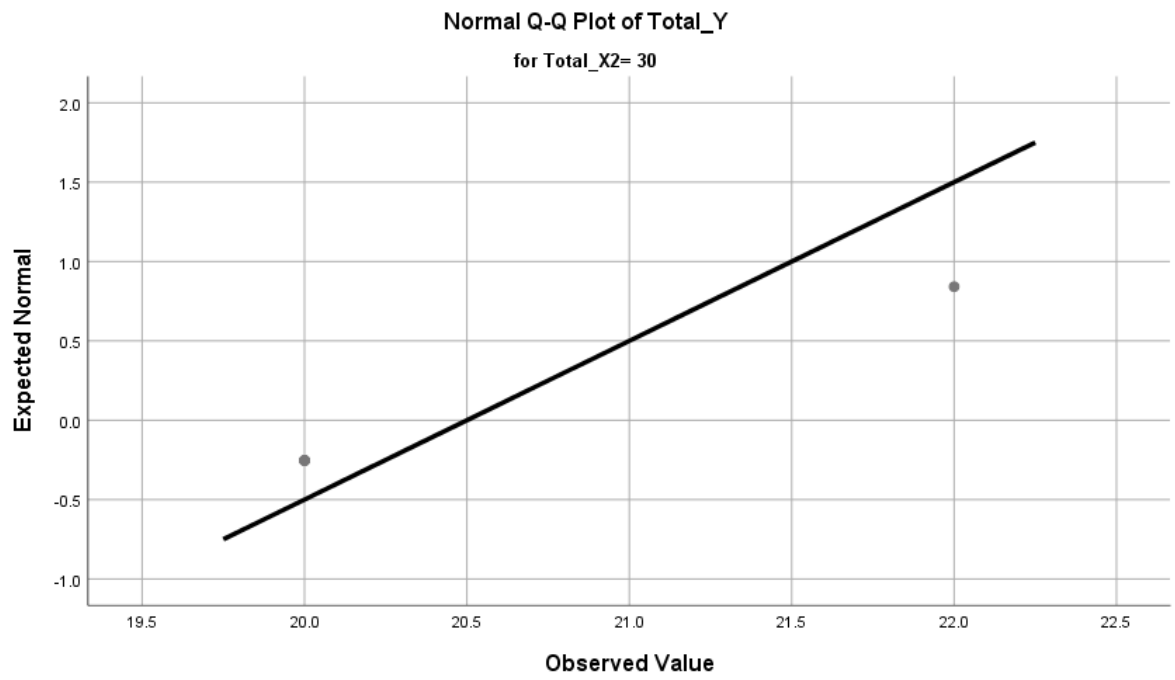
5,00 2 . 00000

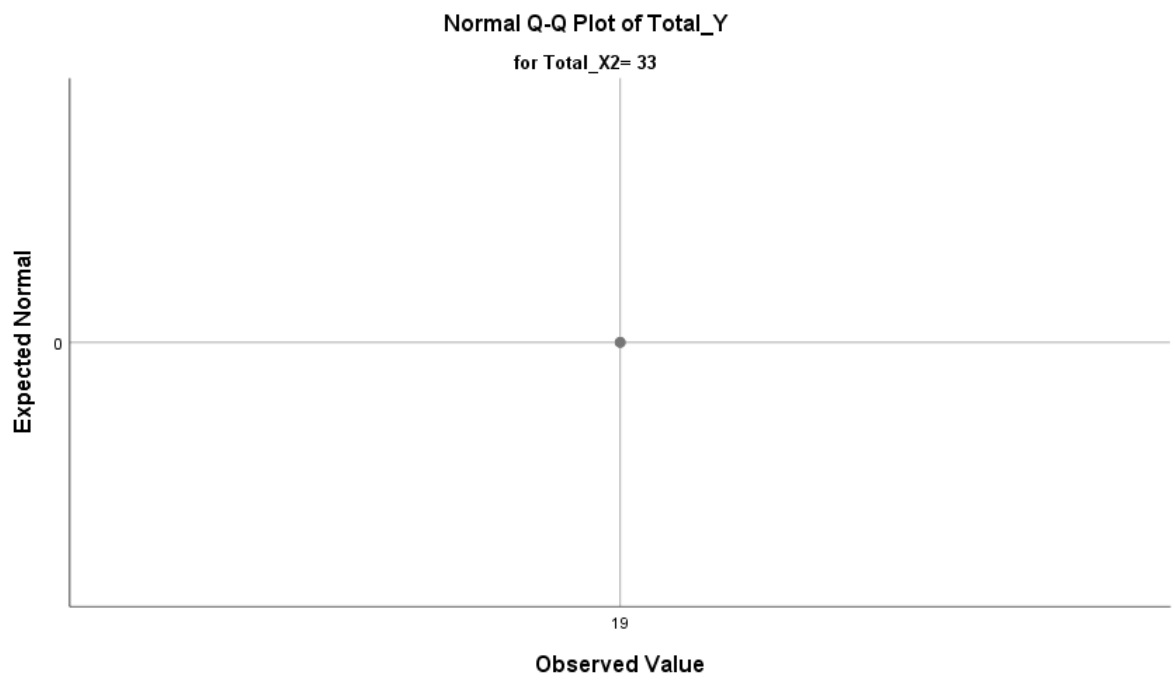
Stem width: 10
Each leaf: 1 case(s)

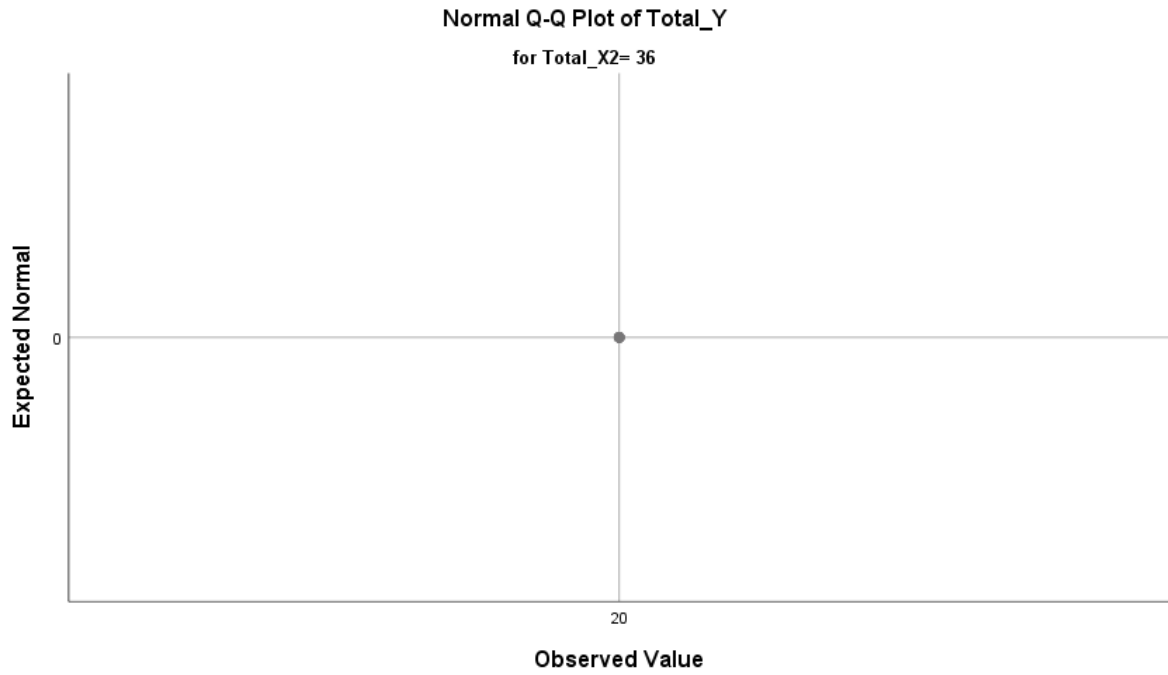
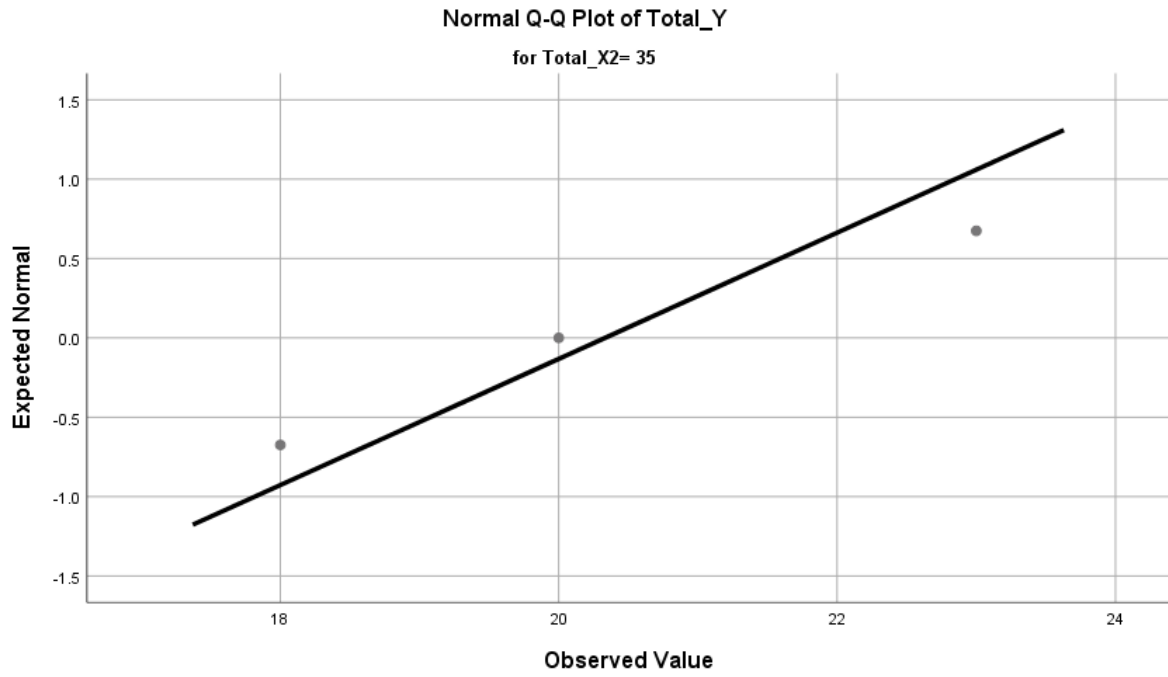
Normal Q-Q Plots



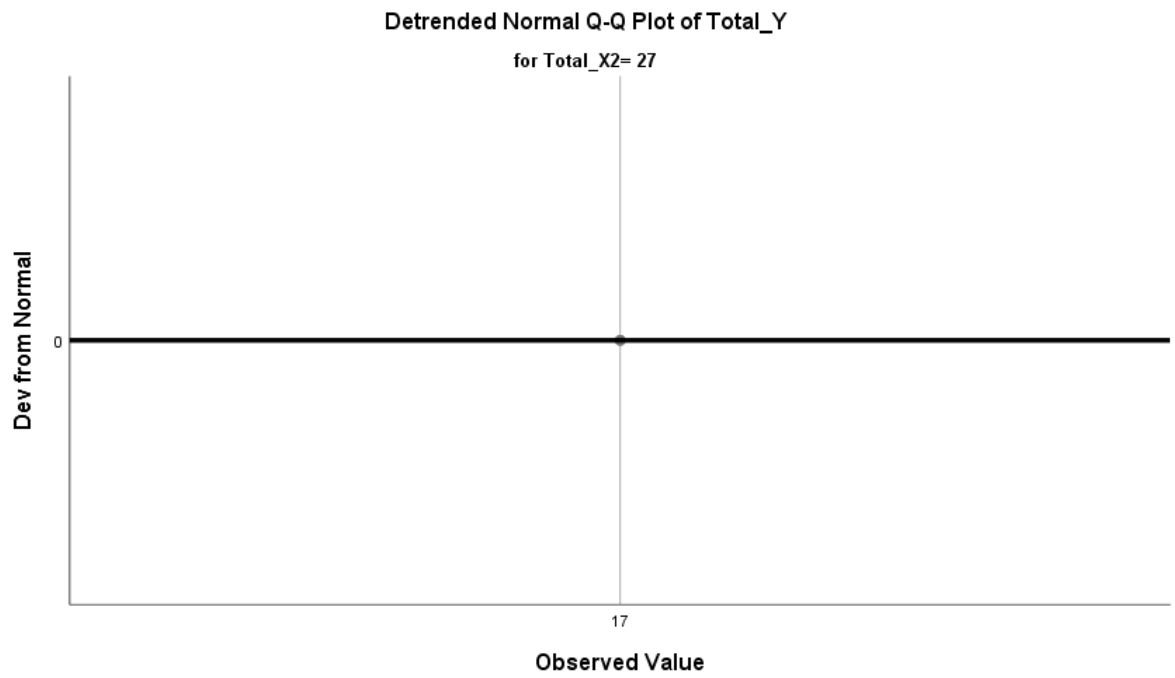
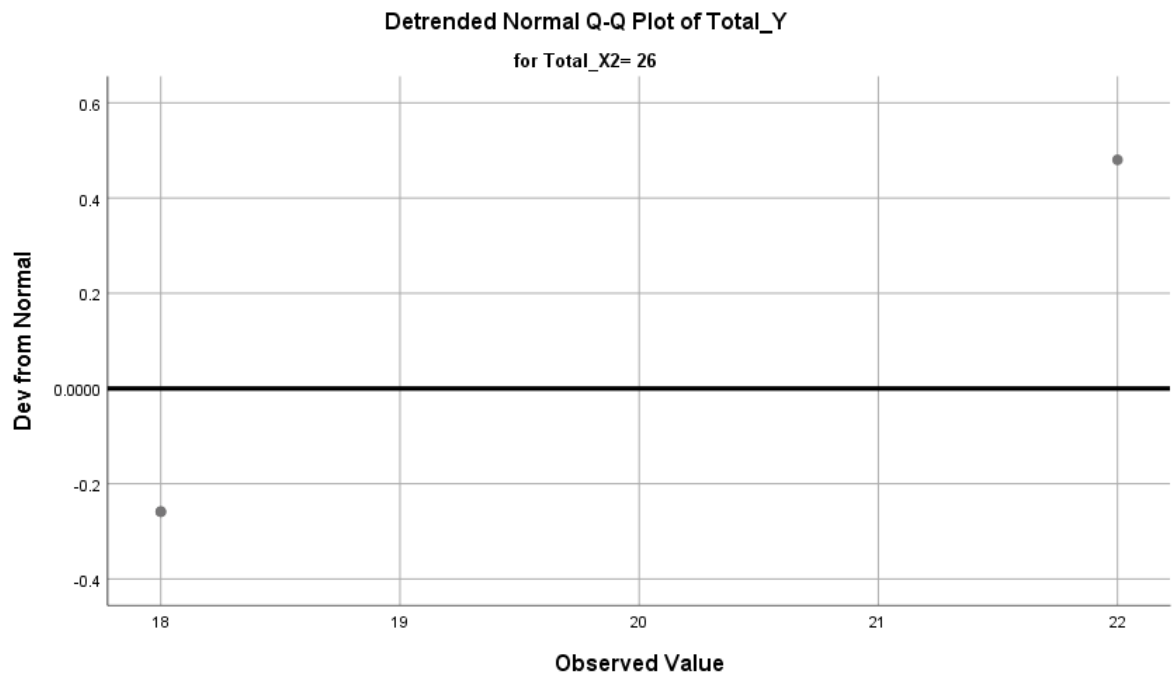


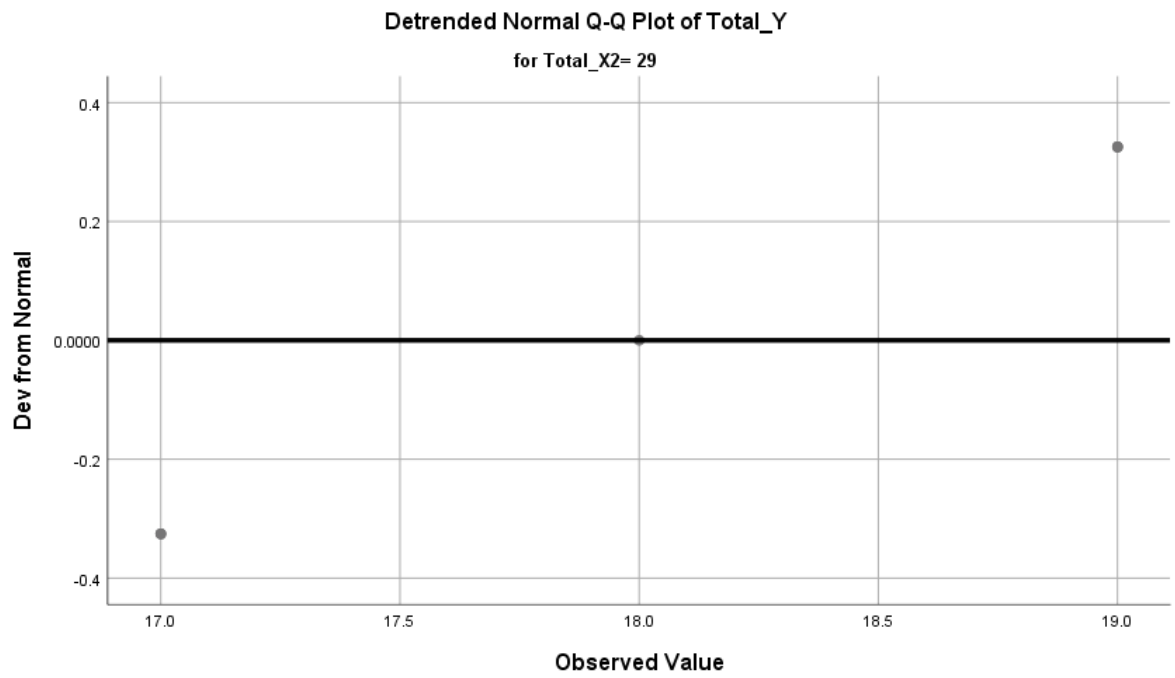
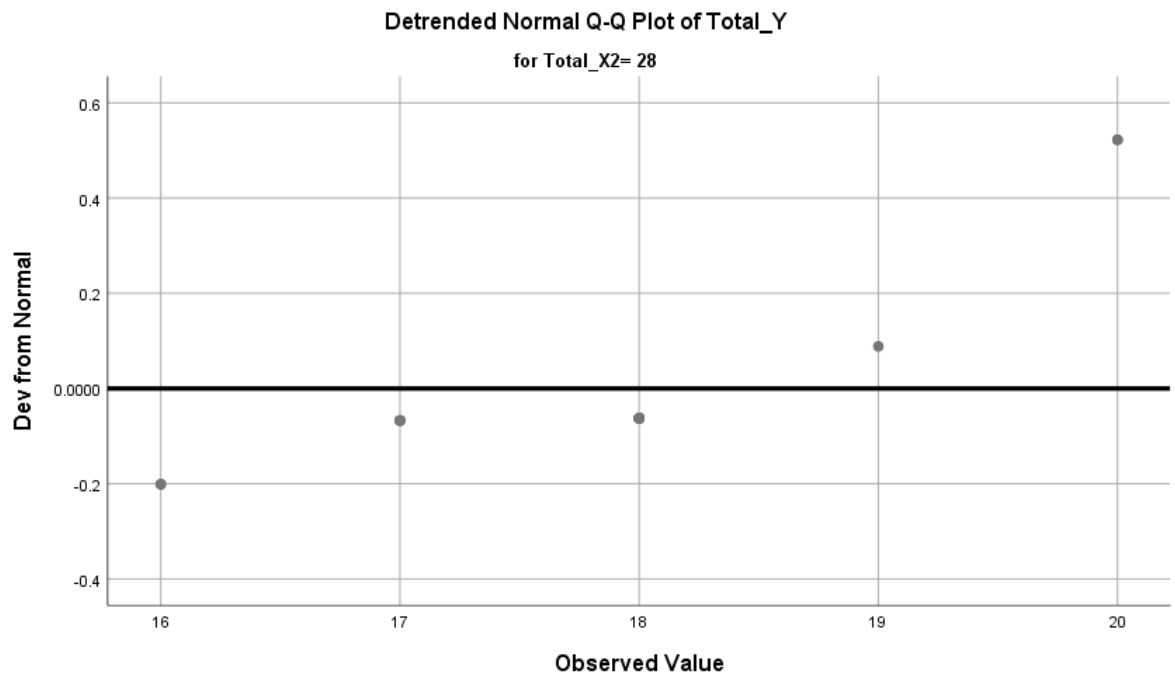


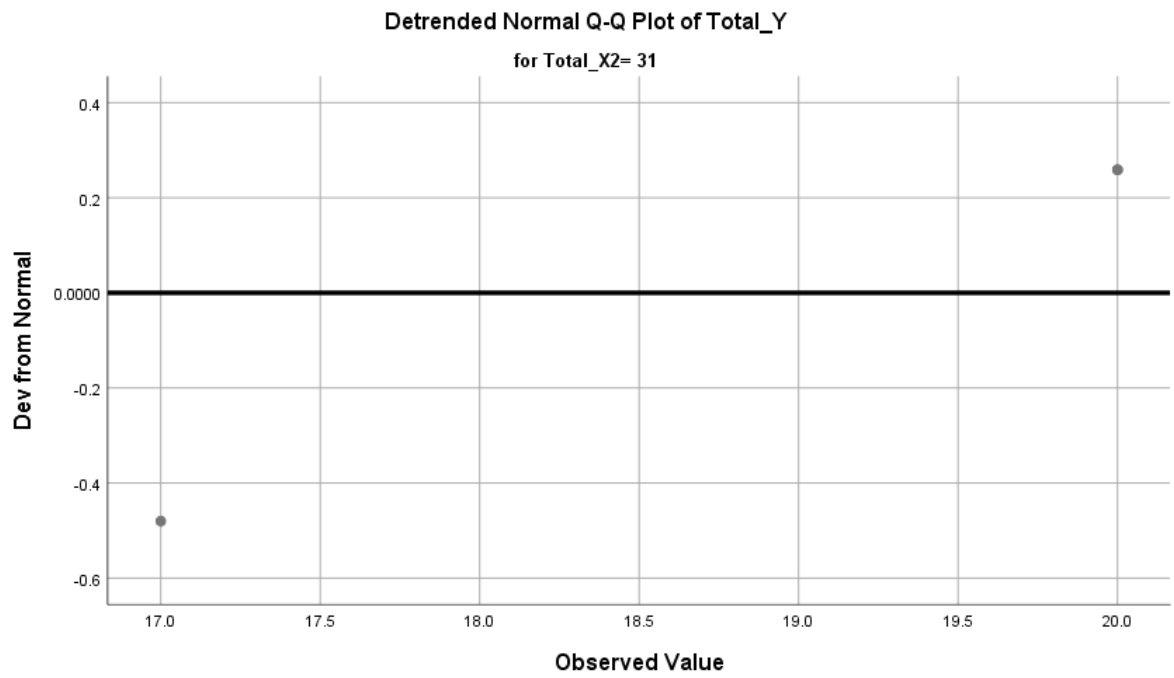
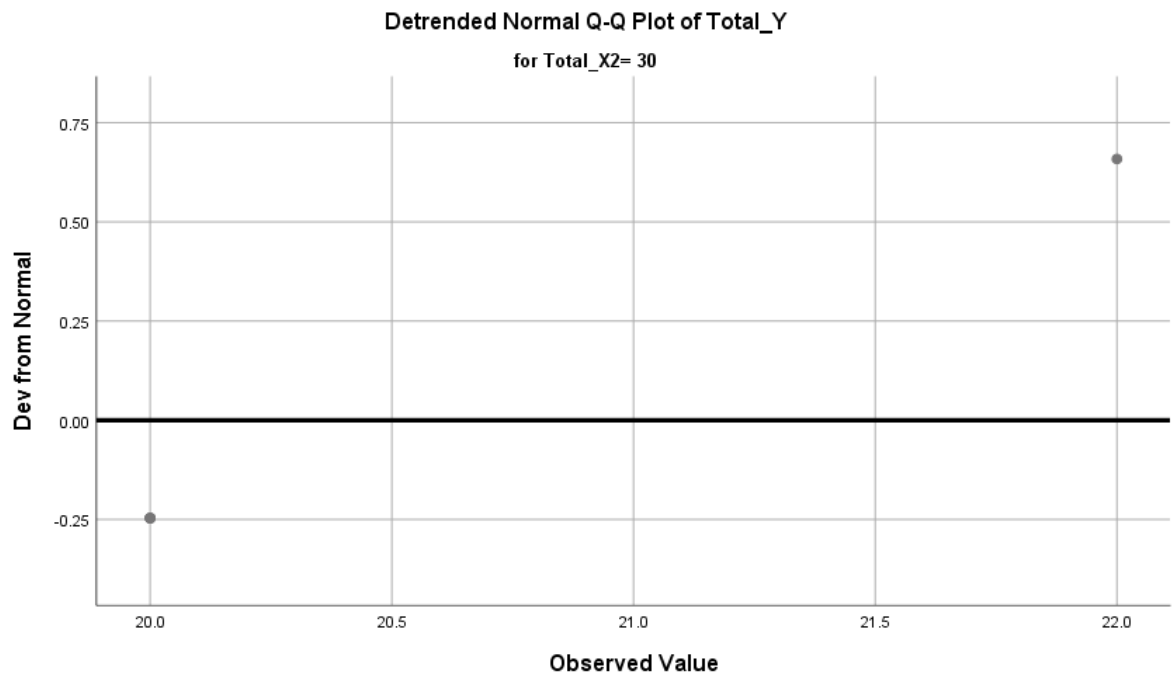


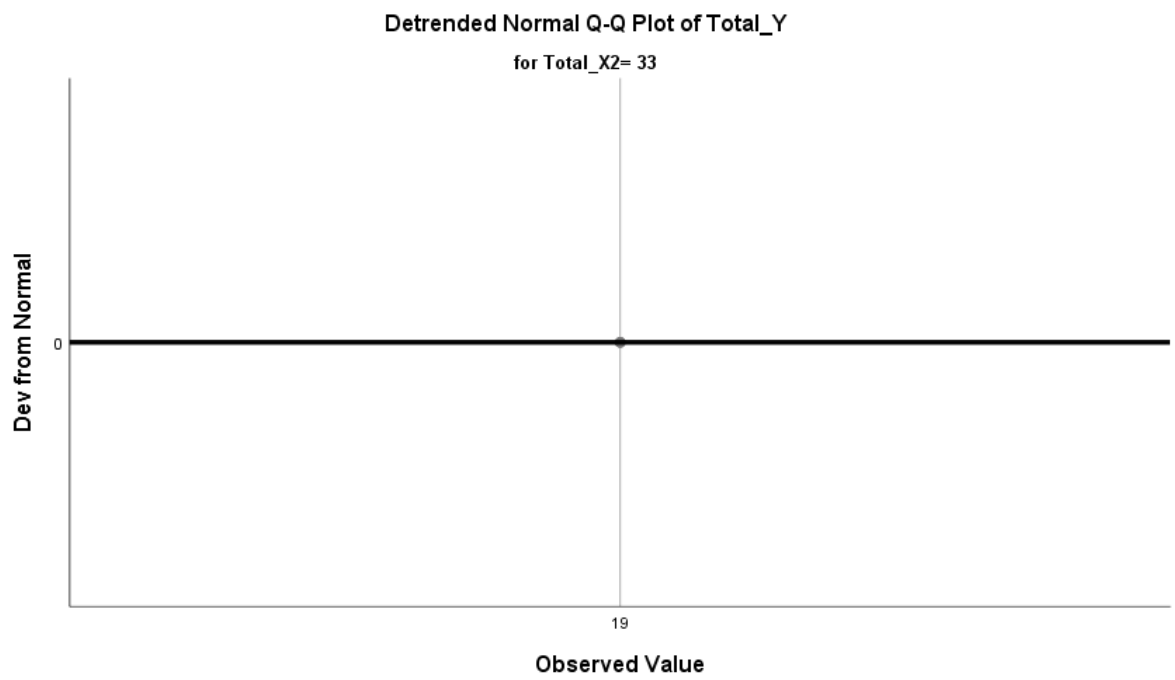
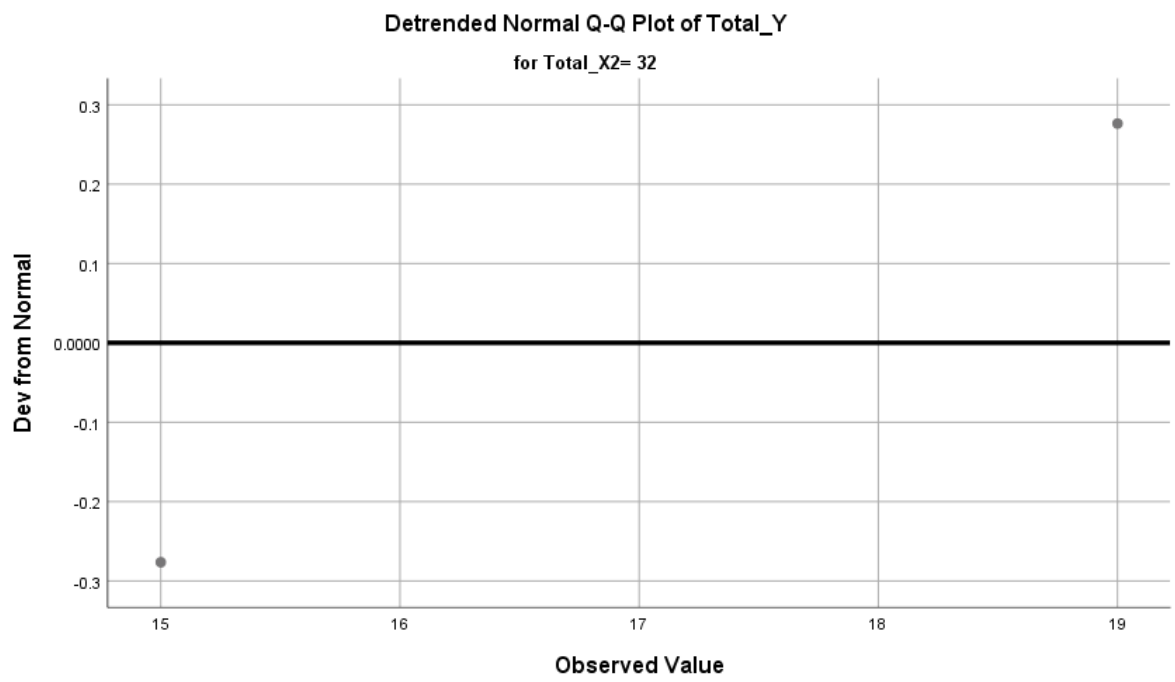


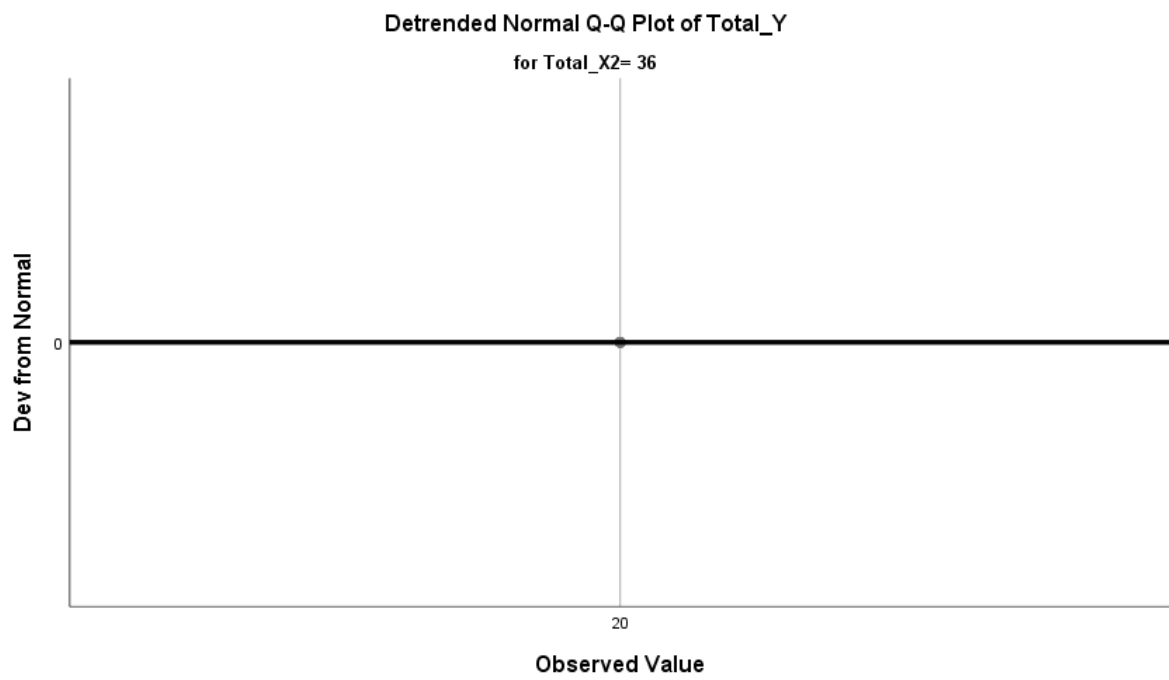
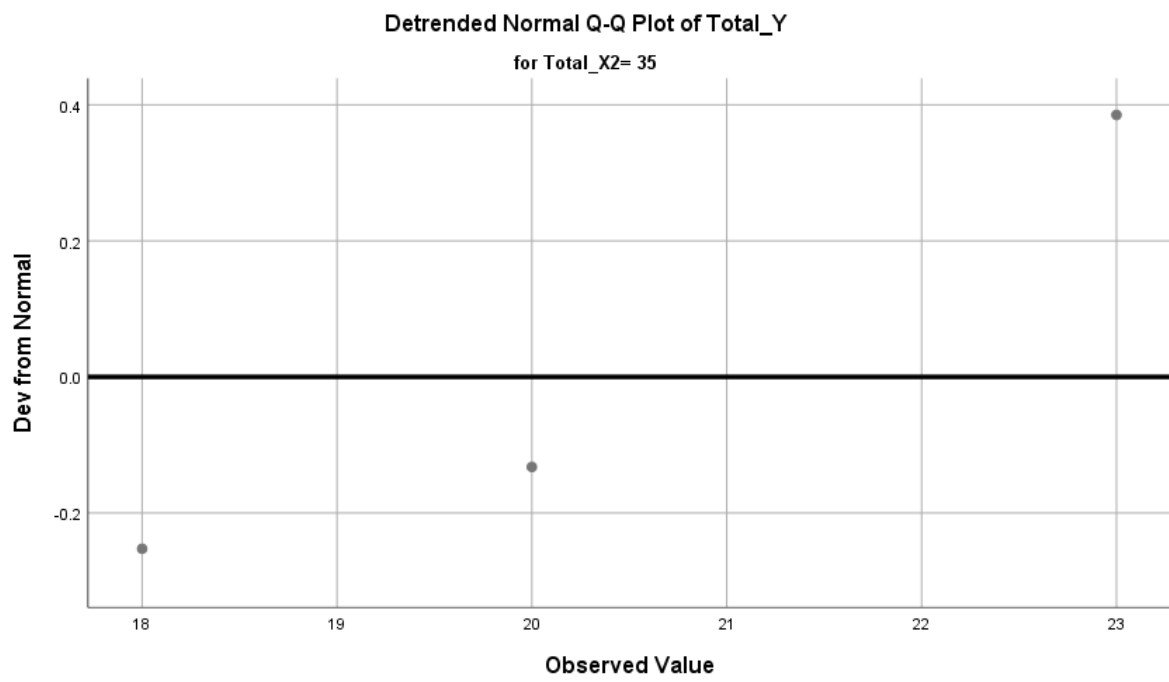
Detrended Normal Q-Q Plots



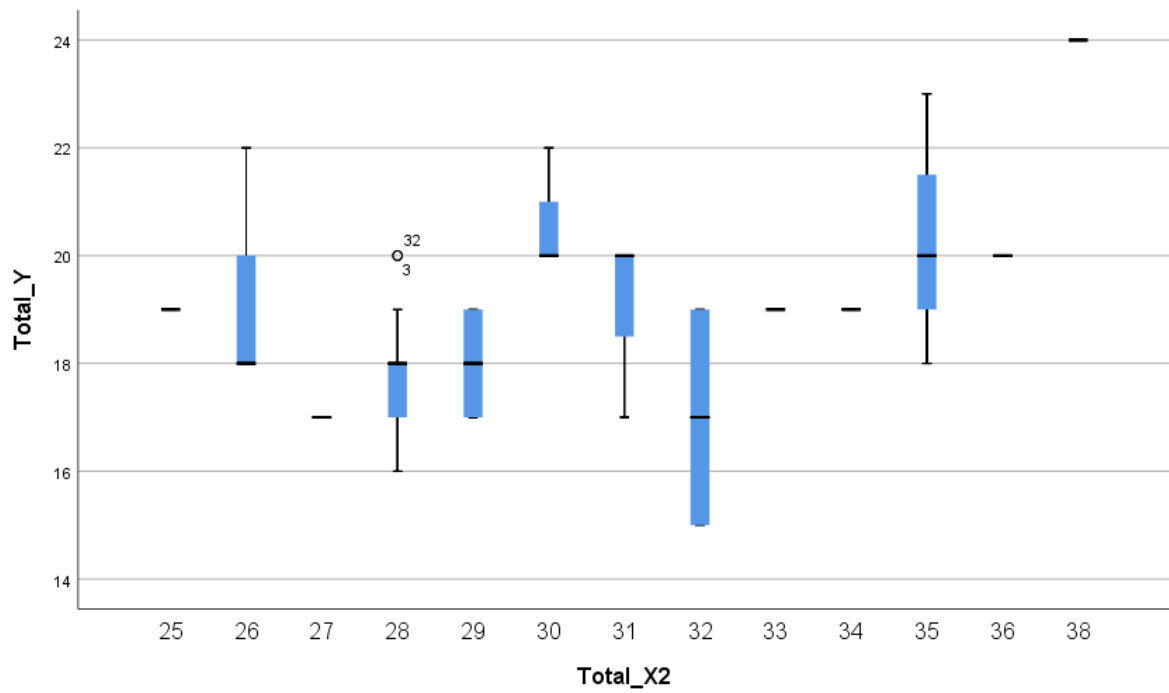








Boxplots



Total_X3

Case Processing Summary

	Total_X3	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Total_Y	24	3	100.0%	0	0.0%	3	100.0%
	25	2	100.0%	0	0.0%	2	100.0%
	26	1	100.0%	0	0.0%	1	100.0%
	27	3	100.0%	0	0.0%	3	100.0%
	28	10	100.0%	0	0.0%	10	100.0%
	29	8	100.0%	0	0.0%	8	100.0%
	30	4	100.0%	0	0.0%	4	100.0%
	31	1	100.0%	0	0.0%	1	100.0%
	32	8	100.0%	0	0.0%	8	100.0%
	33	5	100.0%	0	0.0%	5	100.0%
	34	3	100.0%	0	0.0%	3	100.0%
	35	2	100.0%	0	0.0%	2	100.0%

Descriptives^{a,b}

Total_X3		Statistic	Std. Error
24	Mean	19.67	2.603
	95% Confidence Interval for Mean	Lower Bound	8.47
		Upper Bound	30.87
	5% Trimmed Mean	.	
	Median	20.00	
	Variance	20.333	
	Std. Deviation	4.509	
	Minimum	15	
	Maximum	24	
	Range	9	
	Interquartile Range	.	
	Skewness	-.331	1.225
	Kurtosis	.	.
	25	Mean	19.50
95% Confidence Interval for Mean		Lower Bound	13.15
		Upper Bound	25.85
5% Trimmed Mean		.	
Median		19.50	
Variance		.500	
Std. Deviation		.707	
Minimum		19	
Maximum		20	
Range		1	
Interquartile Range		.	
Skewness		.	.
Kurtosis		.	.
27		Mean	19.00
	95% Confidence Interval for Mean	Lower Bound	14.70
		Upper Bound	23.30
	5% Trimmed Mean	.	
	Median	20.00	
	Variance	3.000	

Descriptives^{a,b}

Total_X3		Statistic	Std. Error
Total_Y	27	Std. Deviation	1.732

	Minimum	17	
	Maximum	20	
	Range	3	
	Interquartile Range	.	
	Skewness	-1.732	1.225
	Kurtosis	.	.
	Mean	17.80	.327
	95% Confidence Interval for	Lower Bound	17.06
	Mean	Upper Bound	18.54
	5% Trimmed Mean	17.78	
	Median	18.00	
	Variance	1.067	
28	Std. Deviation	1.033	
	Minimum	16	
	Maximum	20	
	Range	4	
	Interquartile Range	1	
	Skewness	.484	.687
	Kurtosis	2.327	1.334
	Mean	18.38	.324
	95% Confidence Interval for	Lower Bound	17.61
	Mean	Upper Bound	19.14
	5% Trimmed Mean	18.42	
	Median	19.00	
	Variance	.839	
29	Std. Deviation	.916	
	Minimum	17	
	Maximum	19	
	Range	2	
	Interquartile Range	2	
	Skewness	-.999	.752

Descriptives^{a,b}

Total_X3		Statistic	Std. Error	
Total_Y	29	Kurtosis	-1.039	1.481
		Mean	19.00	1.291
		95% Confidence Interval for	Lower Bound	14.89
	30	Mean	Upper Bound	23.11
		5% Trimmed Mean	19.00	
		Median	19.00	

	Variance		6.667	
	Std. Deviation		2.582	
	Minimum		16	
	Maximum		22	
	Range		6	
	Interquartile Range		5	
	Skewness		.000	1.014
	Kurtosis		-1.200	2.619
	Mean		18.25	.453
	95% Confidence Interval for	Lower Bound	17.18	
	Mean	Upper Bound	19.32	
	5% Trimmed Mean		18.22	
	Median		18.00	
32	Variance		1.643	
	Std. Deviation		1.282	
	Minimum		17	
	Maximum		20	
	Range		3	
	Interquartile Range		3	
	Skewness		.475	.752
	Kurtosis		-1.546	1.481
	Mean		21.00	.632
	95% Confidence Interval for	Lower Bound	19.24	
33	Mean	Upper Bound	22.76	
	5% Trimmed Mean		20.94	
	Median		20.00	

Descriptives^{a,b}

Total_X3		Statistic	Std. Error
Total_Y	33	Variance	2.000
		Std. Deviation	1.414
		Minimum	20
		Maximum	23
		Range	3
		Interquartile Range	3
		Skewness	.884
		Kurtosis	-1.750
		Mean	18.67
	34	95% Confidence Interval for	Lower Bound
		Mean	Upper Bound
			14.87
			22.46

	5% Trimmed Mean	.	
	Median	19.00	
	Variance	2.333	
	Std. Deviation	1.528	
	Minimum	17	
	Maximum	20	
	Range	3	
	Interquartile Range	.	
	Skewness	-.935	1.225
	Kurtosis	.	.
	Mean	18.00	1.000
	95% Confidence Interval for Mean	Lower Bound	5.29
		Upper Bound	30.71
	5% Trimmed Mean	.	
	Median	18.00	
35	Variance	2.000	
	Std. Deviation	1.414	
	Minimum	17	
	Maximum	19	
	Range	2	
	Interquartile Range	.	

Descriptives^{a,b}

Total_X3		Statistic	Std. Error
Total_Y	35	Skewness	.
		Kurtosis	.

a. Total_Y is constant when Total_X3 = 26. It has been omitted.

b. Total_Y is constant when Total_X3 = 31. It has been omitted.

Tests of Normality^{b,c}

Total_X3	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
24	.196	3	.	.996	3	.878
25	.260	2	.			
27	.385	3	.	.750	3	.000
28	.323	10	.004	.839	10	.043
29	.377	8	.001	.693	8	.002
30	.151	4	.	.993	4	.972

32	.210	8	.200*	.843	8	.082
33	.360	5	.033	.767	5	.042
34	.253	3	.	.964	3	.637
35	.260	2	.			

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

b. Total_Y is constant when Total_X3 = 26. It has been omitted.

c. Total_Y is constant when Total_X3 = 31. It has been omitted.

Total_Y

Stem-and-Leaf Plots

Total_Y Stem-and-Leaf Plot for
Total_X3= 24

Frequency Stem & Leaf

1,00 1 . 5
2,00 2 . 04

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 25

Frequency Stem & Leaf

1,00 19 . 0
1,00 20 . 0

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 27

Frequency Stem & Leaf

1,00	1 . 7
2,00	2 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 28

Frequency Stem & Leaf

1,00	16 . 0
,00	16 .
2,00	17 . 00
,00	17 .
6,00	18 . 000000
1,00	Extremes (>=20,0)

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 29

Frequency Stem & Leaf

2,00	17 . 00
1,00	18 . 0
5,00	19 . 00000

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 30

Frequency Stem & Leaf

2,00	1 . 68
2,00	2 . 02

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 32

Frequency Stem & Leaf

3,00	17 . 000
2,00	18 . 00
1,00	19 . 0
2,00	20 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 33

Frequency Stem & Leaf

3,00	20 . 000
,00	21 .
1,00	22 . 0
1,00	23 . 0

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

Total_Y Stem-and-Leaf Plot for
Total_X3= 34

Frequency Stem & Leaf

2,00 1 . 79
1,00 2 . 0

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

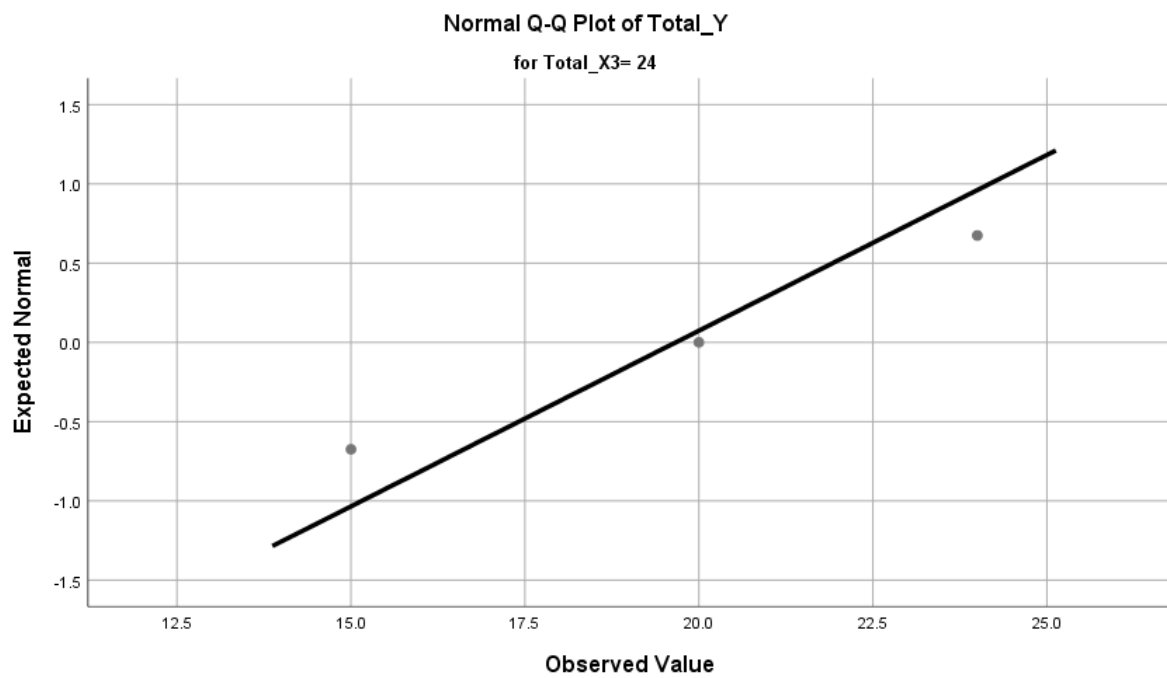
Total_Y Stem-and-Leaf Plot for
Total_X3= 35

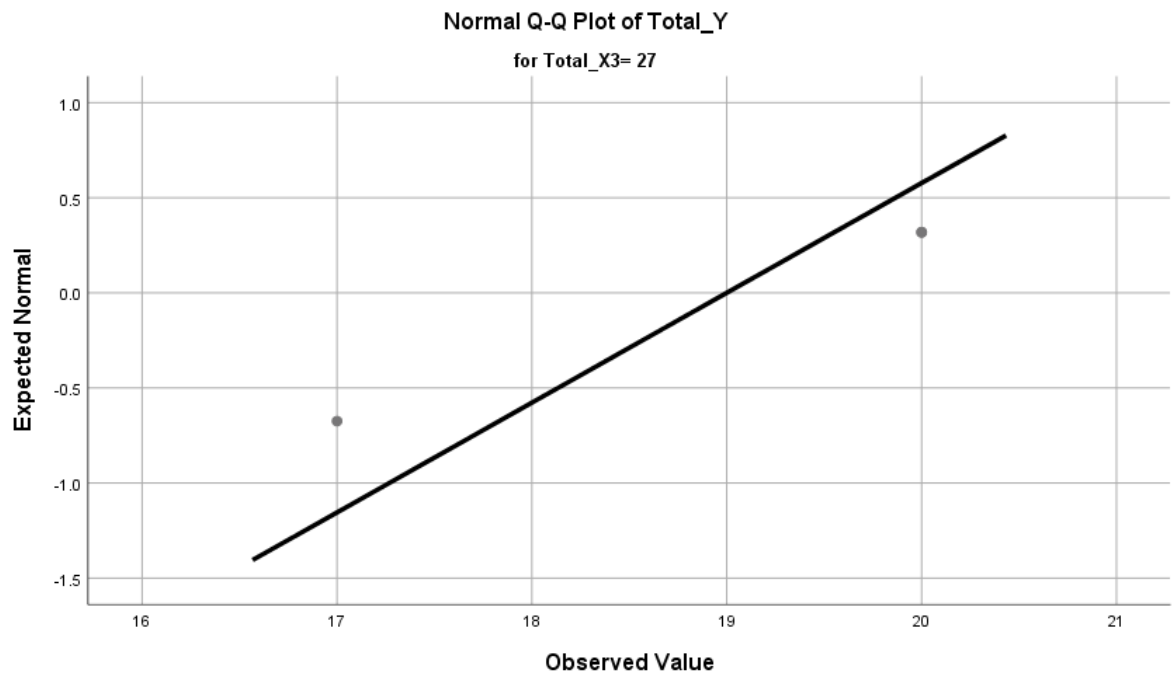
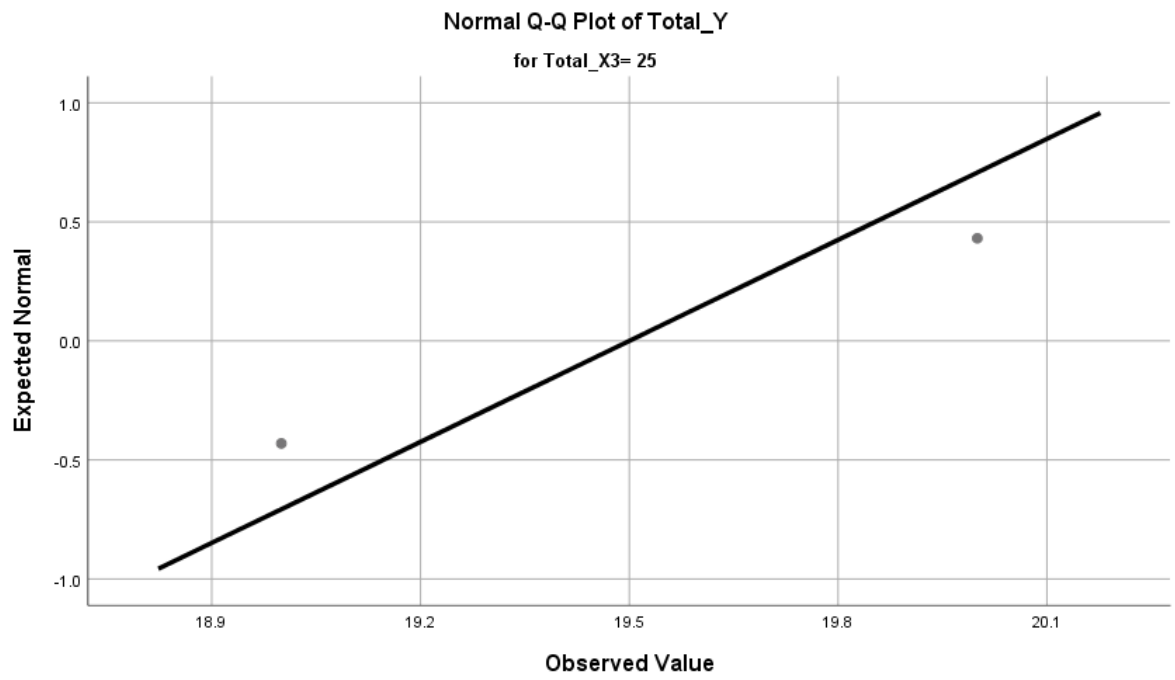
Frequency Stem & Leaf

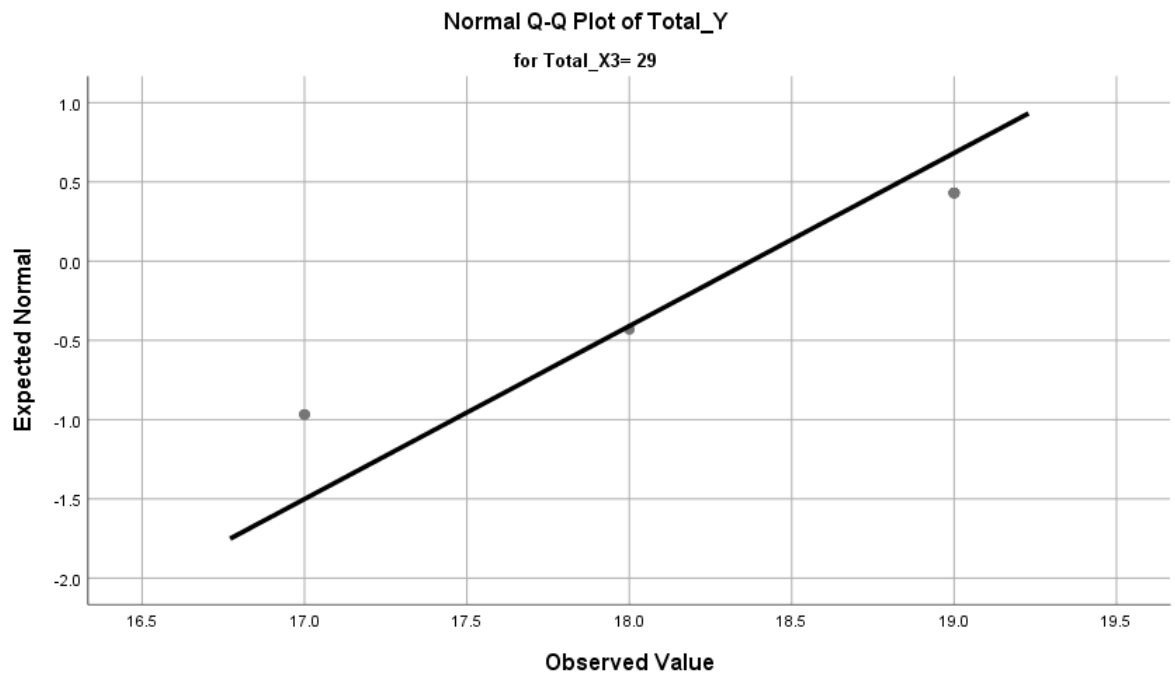
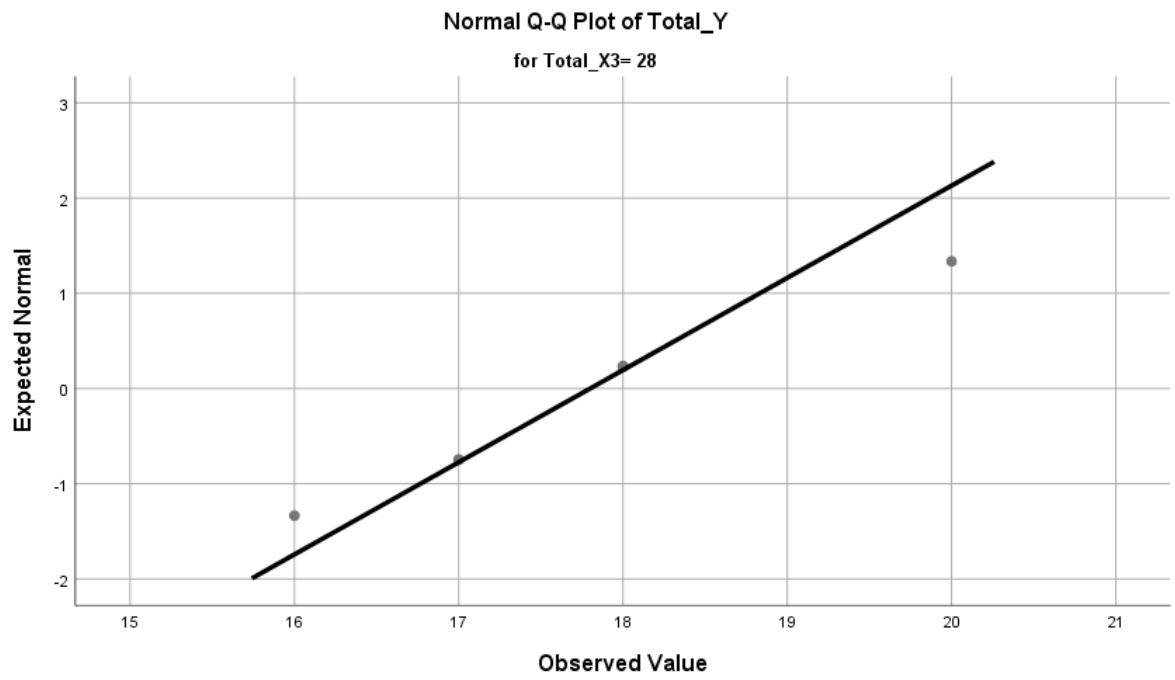
2,00 1 . 79

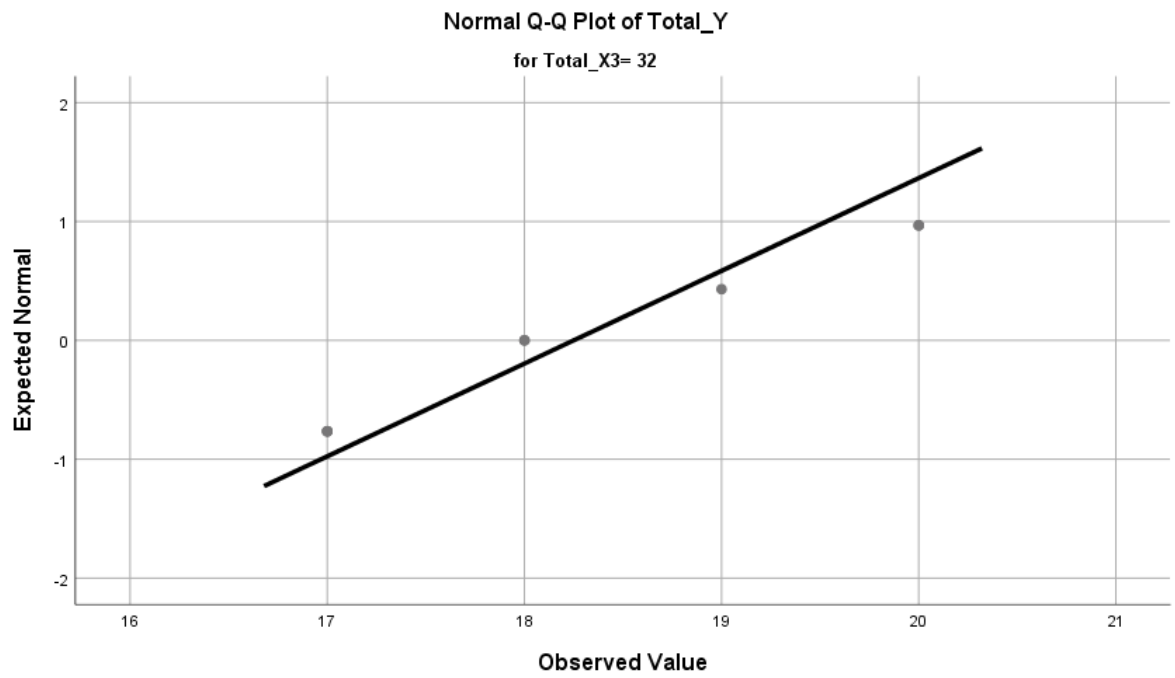
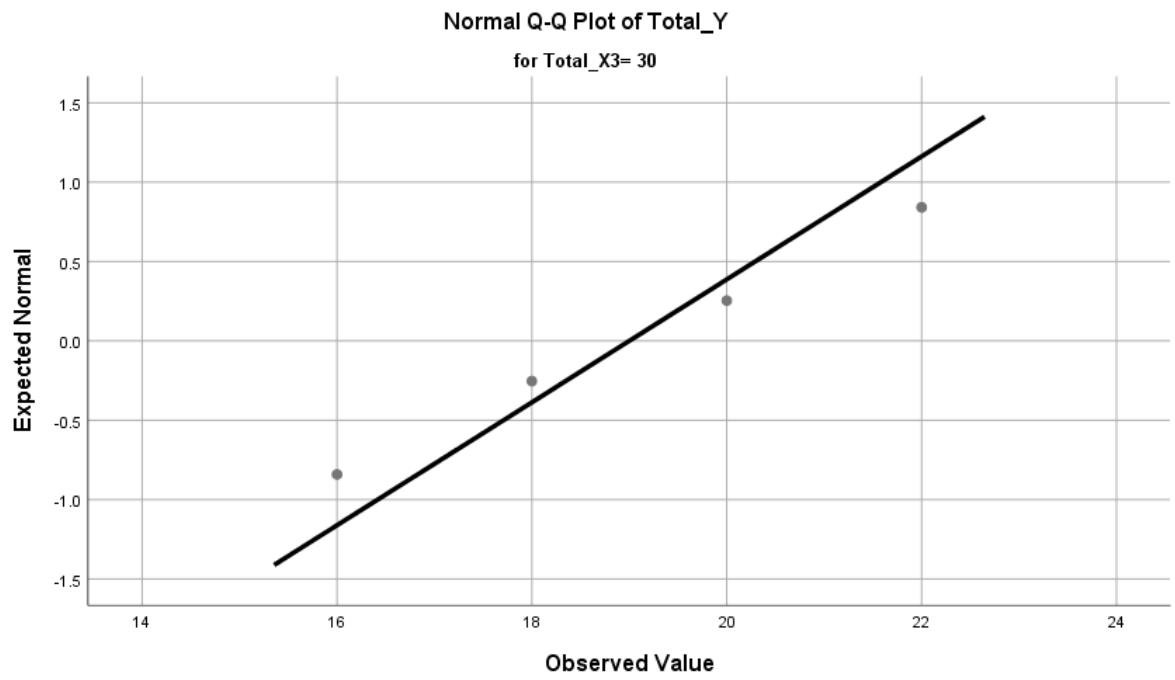
Stem width: 10
Each leaf: 1 case(s)

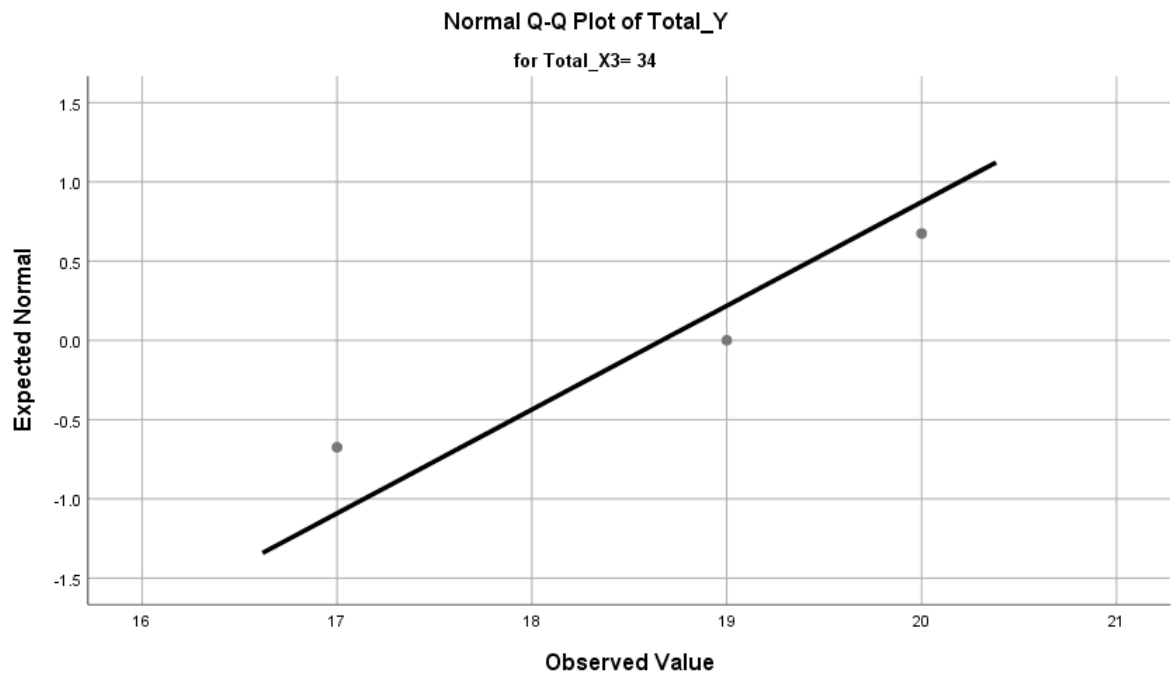
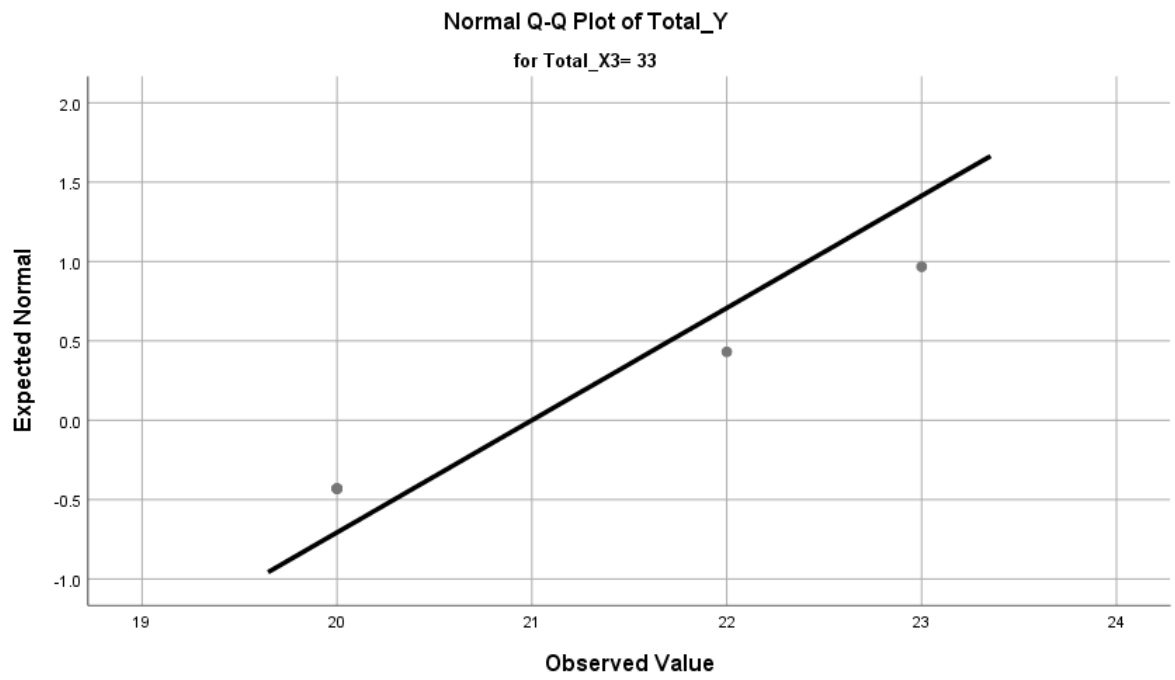
Normal Q-Q Plots

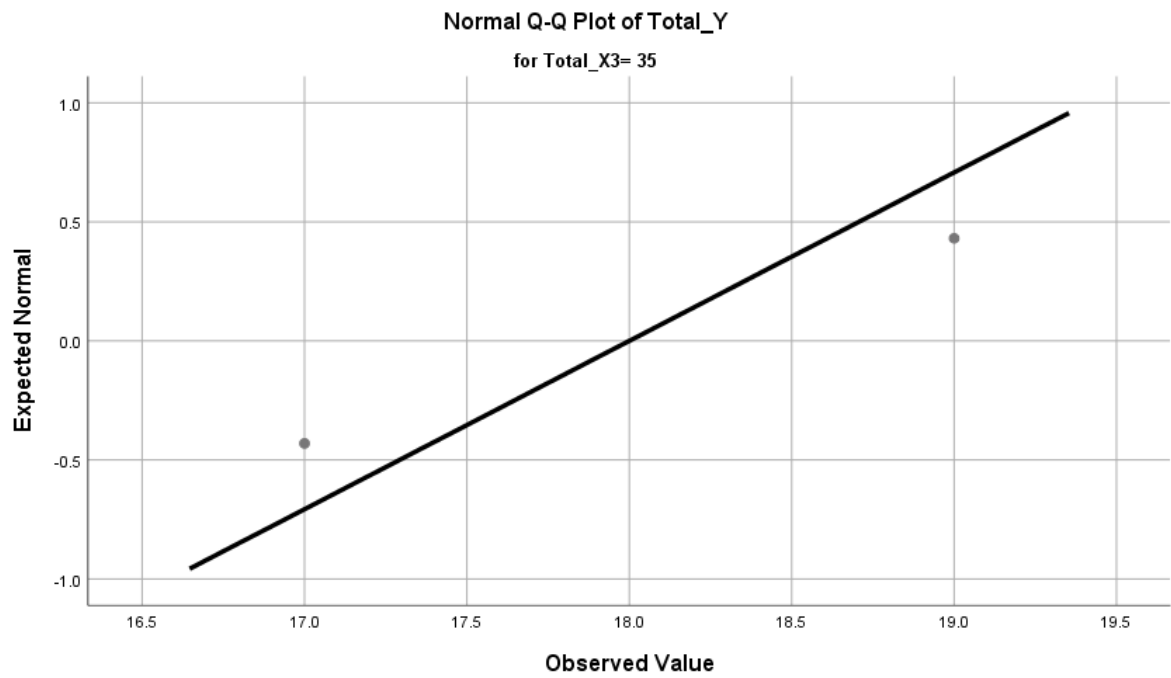




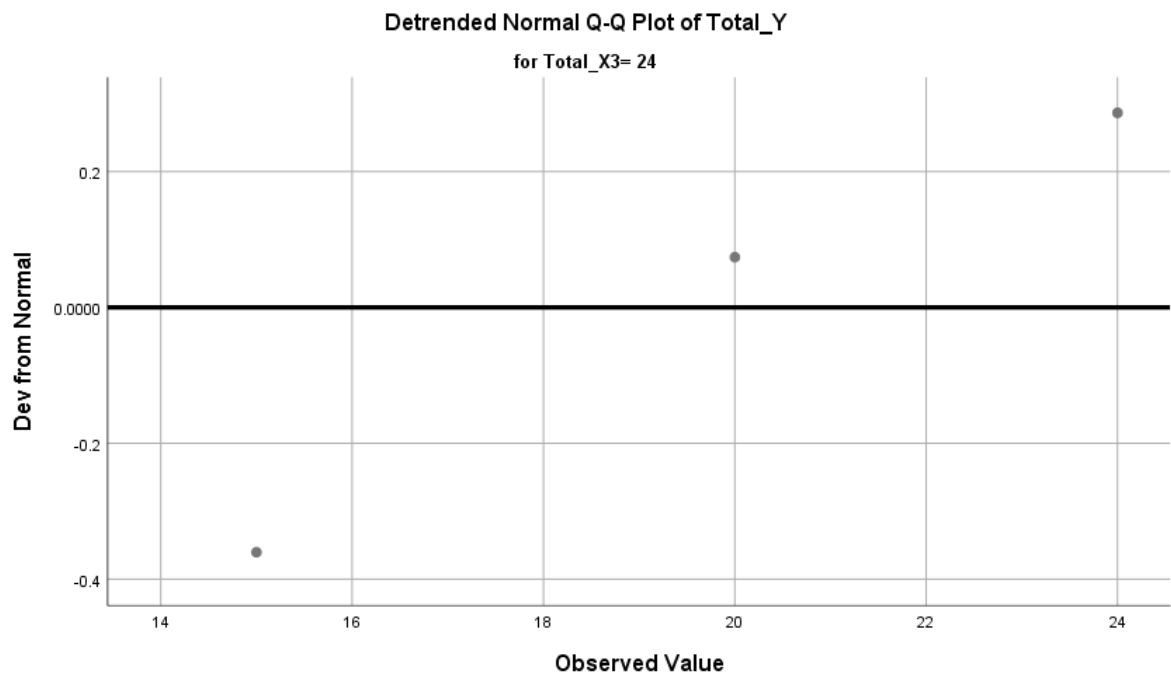


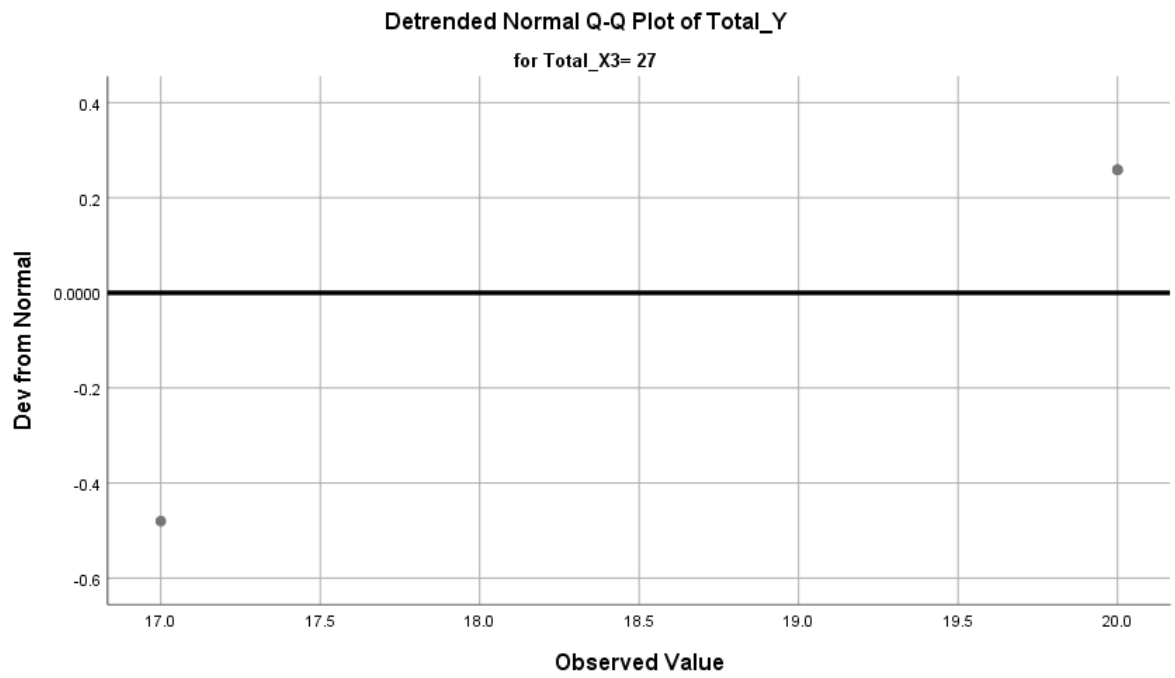
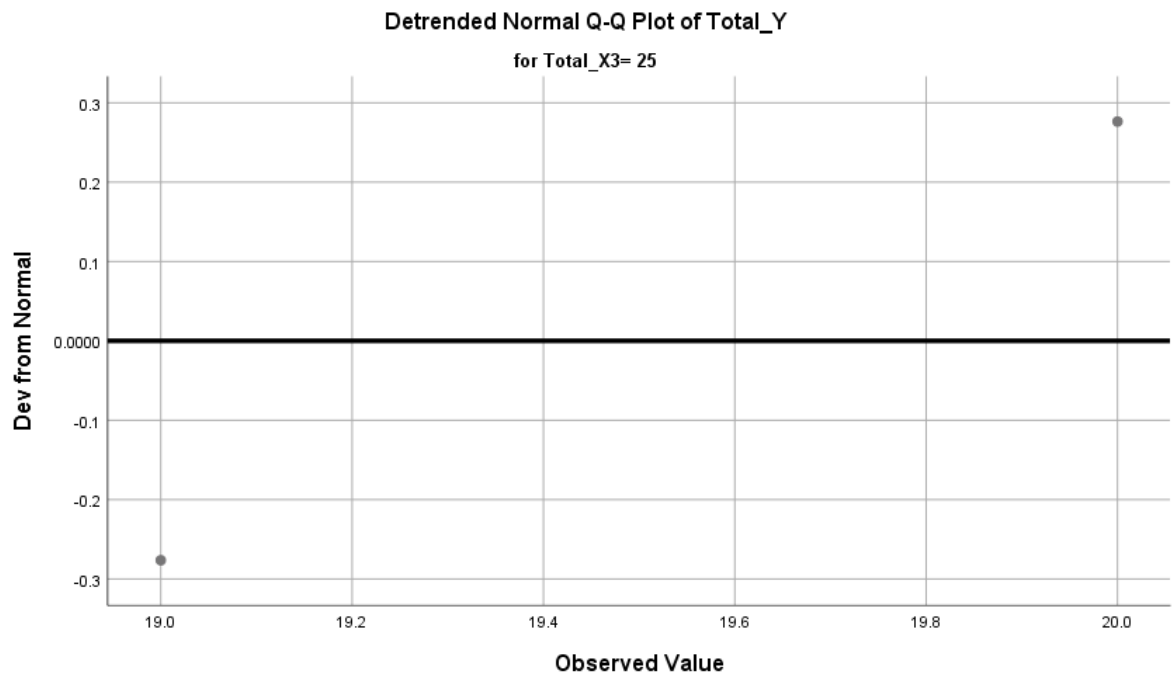


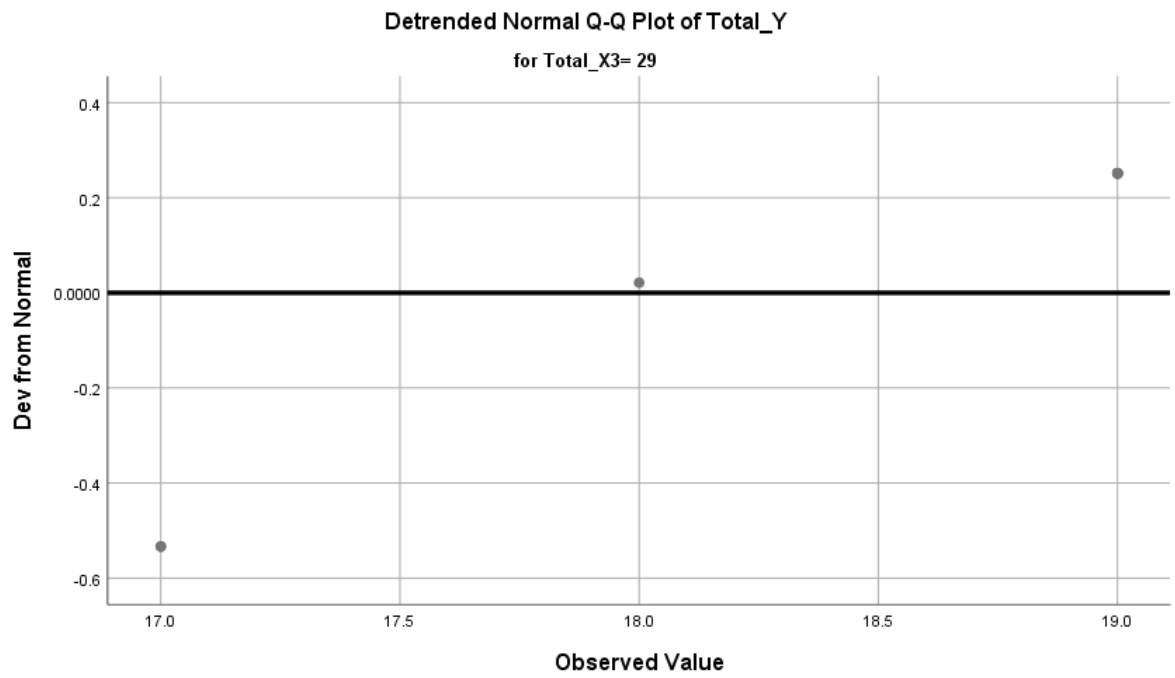
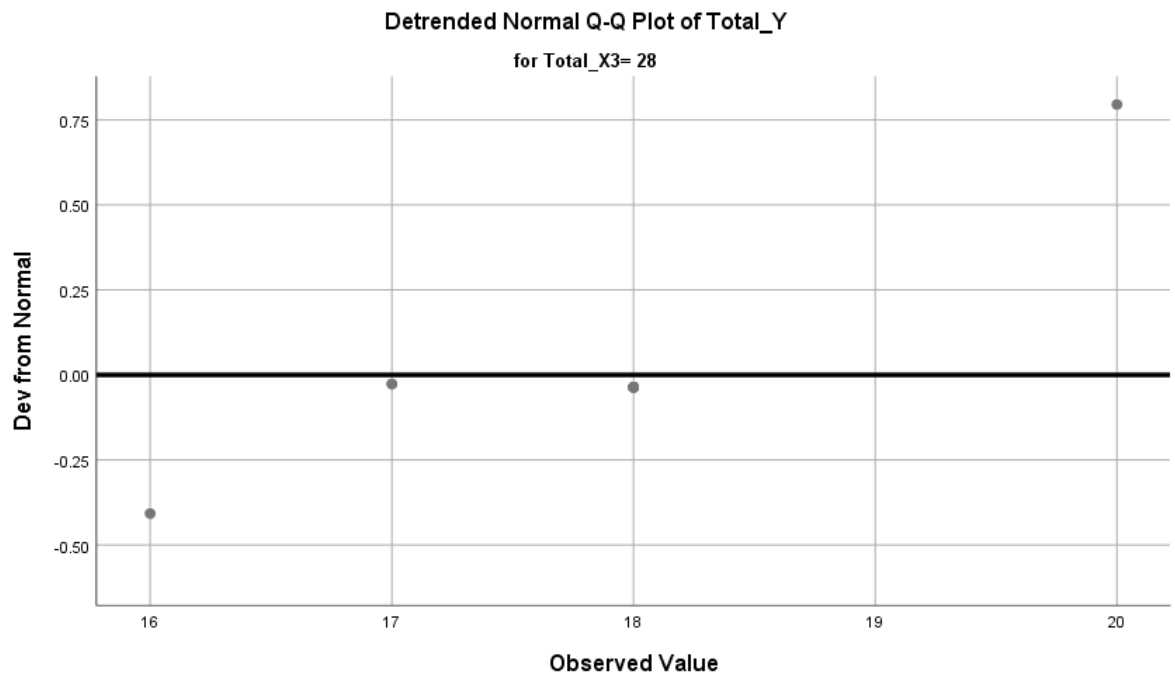


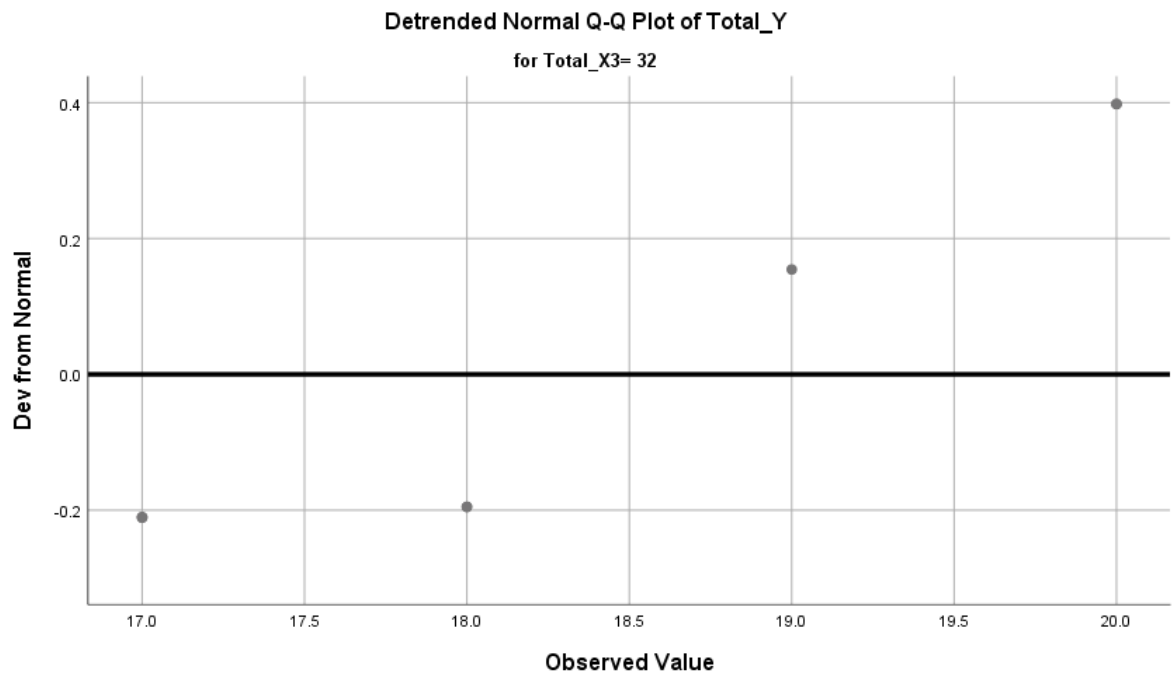
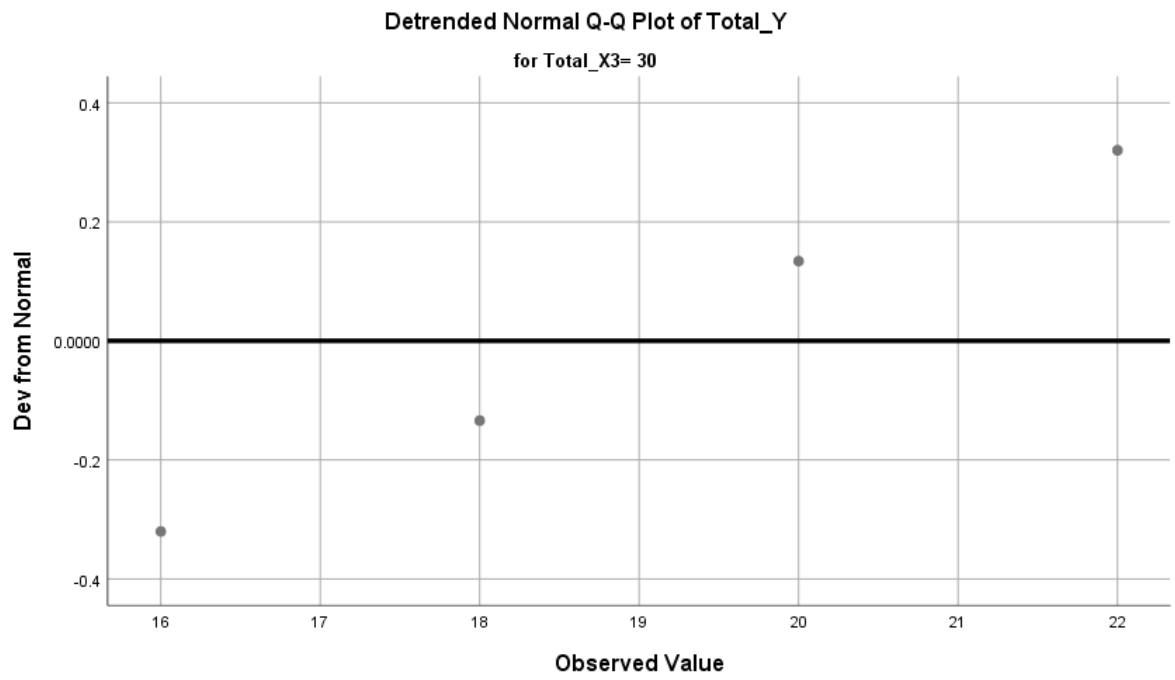


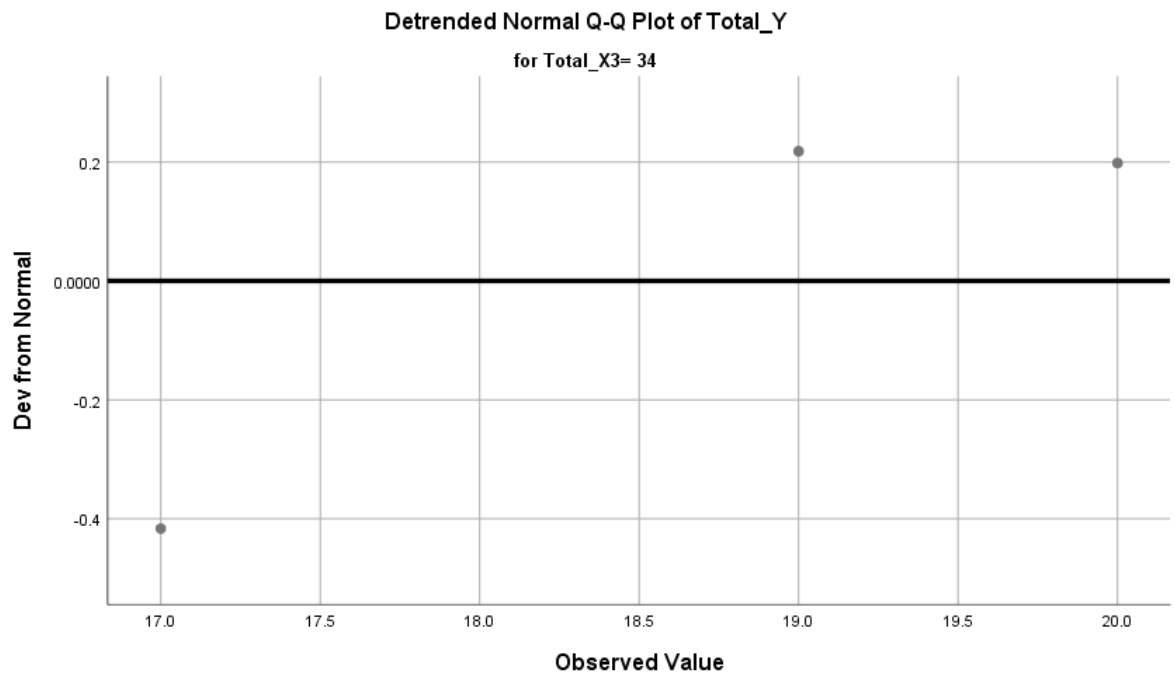
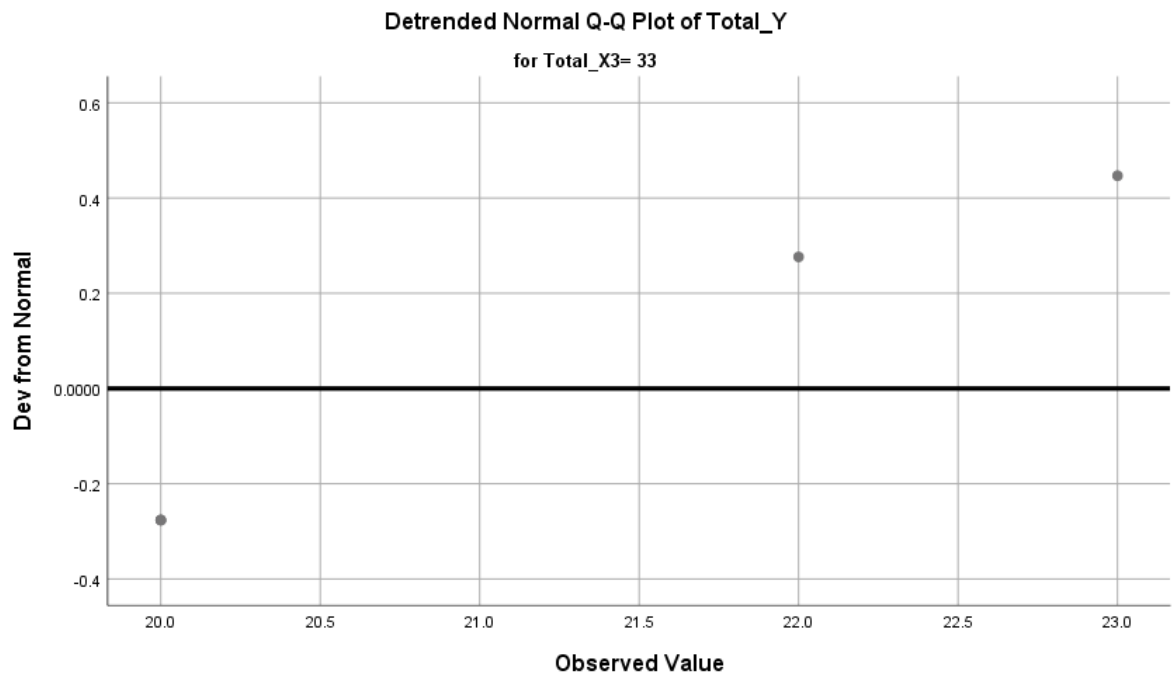
Detrended Normal Q-Q Plots

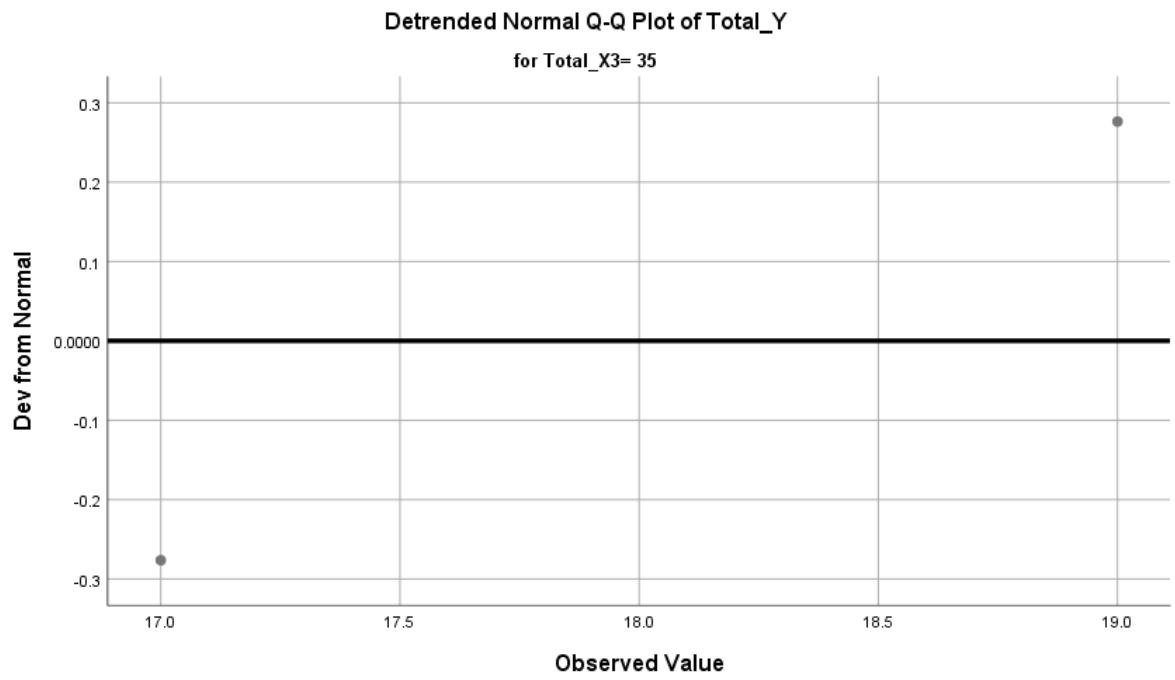




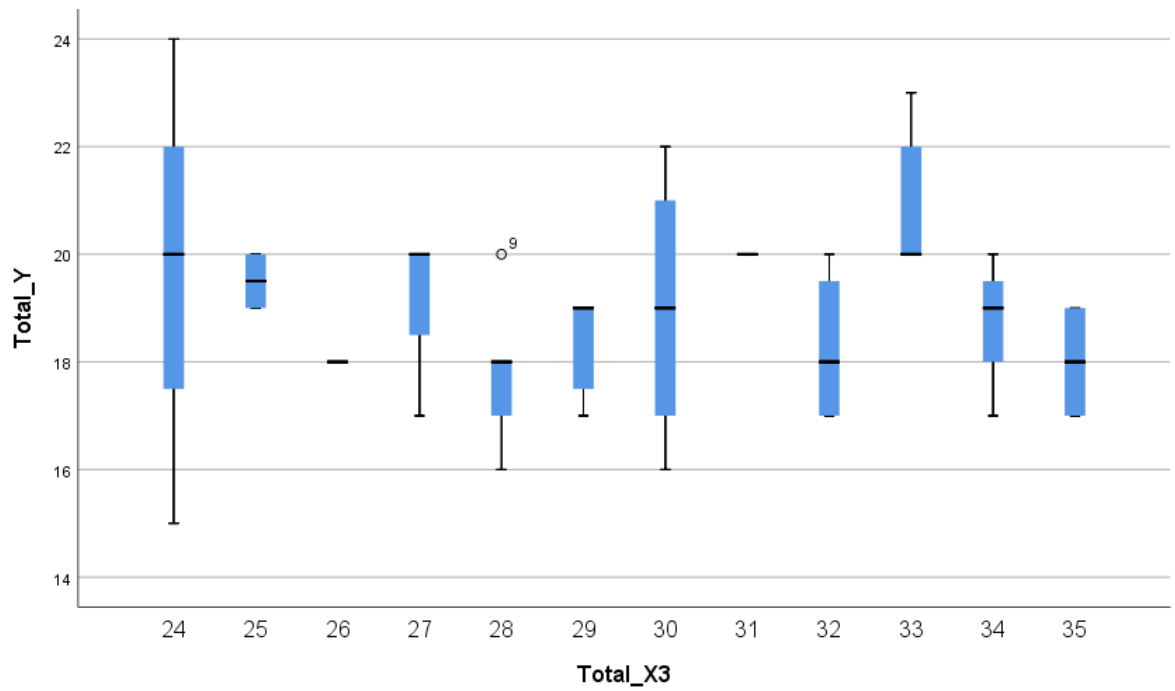








Boxplots



Total_X4

Case Processing Summary

	Total_X4	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Total_Y	30	1	100.0%	0	0.0%	1	100.0%
	35	6	100.0%	0	0.0%	6	100.0%
	36	1	100.0%	0	0.0%	1	100.0%
	37	10	100.0%	0	0.0%	10	100.0%
	38	8	100.0%	0	0.0%	8	100.0%
	39	8	100.0%	0	0.0%	8	100.0%
	40	6	100.0%	0	0.0%	6	100.0%
	41	2	100.0%	0	0.0%	2	100.0%
	42	2	100.0%	0	0.0%	2	100.0%
	43	4	100.0%	0	0.0%	4	100.0%
	45	1	100.0%	0	0.0%	1	100.0%
	46	1	100.0%	0	0.0%	1	100.0%

Descriptives^{a,b,c,d}

	Total_X4	Statistic	Std. Error	
		Mean	19.33	.667
95% Confidence Interval for	Lower Bound	17.62		
	Upper Bound	21.05		
5% Trimmed Mean	19.26			
Median	19.00			
Variance	2.667			
Total_Y	35	Std. Deviation	1.633	
	Minimum	18		
	Maximum	22		
	Range	4		
	Interquartile Range	3		
	Skewness	.857	.845	
	Kurtosis	-.300	1.741	
	Mean	18.50	.373	
	37	95% Confidence Interval for	Lower Bound	17.66
		Mean	Upper Bound	19.34

	5% Trimmed Mean	18.50	
	Median	19.00	
	Variance	1.389	
	Std. Deviation	1.179	
	Minimum	17	
	Maximum	20	
	Range	3	
	Interquartile Range	2	
	Skewness	-.255	.687
	Kurtosis	-1.440	1.334
38	Mean	18.38	.844
	95% Confidence Interval for	Lower Bound	16.38
	Mean	Upper Bound	20.37
	5% Trimmed Mean	18.31	
	Median	18.00	
	Variance	5.696	

Descriptives^{a,b,c,d}

Total_X4		Statistic	Std. Error
Total_Y	38	Std. Deviation	2.387
		Minimum	15
		Maximum	23
		Range	8
		Interquartile Range	3
		Skewness	.837
	Kurtosis	1.457	1.481
	Mean	18.63	.730
	95% Confidence Interval for	Lower Bound	16.90
	Mean	Upper Bound	20.35
	5% Trimmed Mean	18.58	
	Median	18.50	
	Variance	4.268	
39	Std. Deviation	2.066	
	Minimum	16	
	Maximum	22	
	Range	6	
	Interquartile Range	4	
	Skewness	.152	.752
Kurtosis	-.530	1.481	
40	Mean	18.67	.558

95% Confidence Interval for	Lower Bound	17.23	
Mean	Upper Bound	20.10	
5% Trimmed Mean		18.69	
Median		19.00	
Variance		1.867	
Std. Deviation		1.366	
Minimum		17	
Maximum		20	
Range		3	
Interquartile Range		3	
Skewness		-.523	.845

Descriptives^{a,b,c,d}

Total_X4		Statistic	Std. Error	
Total_Y	40	Kurtosis	-1.875	1.741
		Mean	20.00	.000
		95% Confidence Interval for		
		Mean	Lower Bound	20.00
			Upper Bound	20.00
		5% Trimmed Mean	20.00	
		Median	20.00	
		Variance	.000	
	41	Std. Deviation	.000	
		Minimum	20	
		Maximum	20	
		Range	0	
		Interquartile Range	0	
		Skewness	.	.
42		Kurtosis	.	.
		Mean	18.00	.000
		95% Confidence Interval for		
		Mean	Lower Bound	18.00
			Upper Bound	18.00
		5% Trimmed Mean	18.00	
		Median	18.00	
		Variance	.000	
		Std. Deviation	.000	
		Minimum	18	
		Maximum	18	
		Range	0	
		Interquartile Range	0	
		Skewness	.	.

		Kurtosis	.	.
		Mean	18.50	.645
43	95% Confidence Interval for	Lower Bound	16.45	
		Upper Bound	20.55	
	Mean	18.50		
	5% Trimmed Mean	18.50		
	Median	18.50		

Descriptives^{a,b,c,d}

Total_X4		Statistic	Std. Error	
Total_Y	43	Variance	1.667	
		Std. Deviation	1.291	
		Minimum	17	
		Maximum	20	
		Range	3	
		Interquartile Range	3	
		Skewness	.000	1.014
		Kurtosis	-1.200	2.619

- a. Total_Y is constant when Total_X4 = 30. It has been omitted.
- b. Total_Y is constant when Total_X4 = 36. It has been omitted.
- c. Total_Y is constant when Total_X4 = 45. It has been omitted.
- d. Total_Y is constant when Total_X4 = 46. It has been omitted.

Tests of Normality^{a,c,e,f}

	Total_X4	Kolmogorov-Smirnov ^b			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Total_Y	35	.293	6	.117	.822	6	.091
	37	.264	10	.046	.850	10	.058
	38	.187	8	.200*	.945	8	.664
	39	.148	8	.200*	.941	8	.622
	40	.263	6	.200*	.823	6	.093
	41	.	2	.			
	42	.	2	.			
	43	.151	4	.	.993	4	.972

*. This is a lower bound of the true significance.

- a. Total_Y is constant when Total_X4 = 30. It has been omitted.
- b. Lilliefors Significance Correction
- c. Total_Y is constant when Total_X4 = 36. It has been omitted.
- e. Total_Y is constant when Total_X4 = 45. It has been omitted.

f. Total_Y is constant when Total_X4 = 46. It has been omitted.

Total_Y

Stem-and-Leaf Plots

Total_Y Stem-and-Leaf Plot for
Total_X4= 35

Frequency Stem & Leaf

3,00 1 . 888

3,00 2 . 002

Stem width: 10

Each leaf: 1 case(s)

Total_Y Stem-and-Leaf Plot for
Total_X4= 37

Frequency Stem & Leaf

3,00 17 . 000

1,00 18 . 0

4,00 19 . 0000

2,00 20 . 00

Stem width: 1

Each leaf: 1 case(s)

Total_Y Stem-and-Leaf Plot for
Total_X4= 38

Frequency Stem & Leaf

.00	1 .
6,00	1 . 577889
2,00	2 . 03

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

Total_Y Stem-and-Leaf Plot for
Total_X4= 39

Frequency Stem & Leaf

5,00	1 . 66889
3,00	2 . 002

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

Total_Y Stem-and-Leaf Plot for
Total_X4= 40

Frequency Stem & Leaf

2,00	17 . 00
.00	18 .
2,00	19 . 00
2,00	20 . 00

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

Total_Y Stem-and-Leaf Plot for
Total_X4= 41

Frequency Stem & Leaf

2,00	2 . 00
------	--------

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

Total_Y Stem-and-Leaf Plot for
Total_X4= 42

Frequency Stem & Leaf

2,00 1 . 88

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

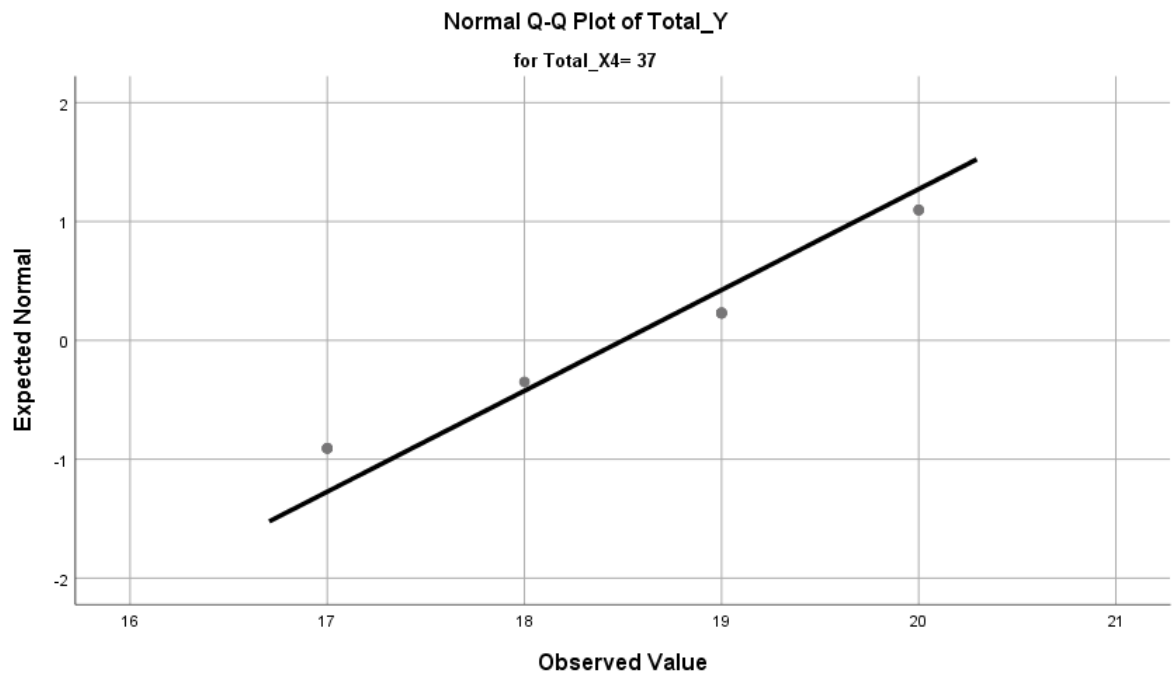
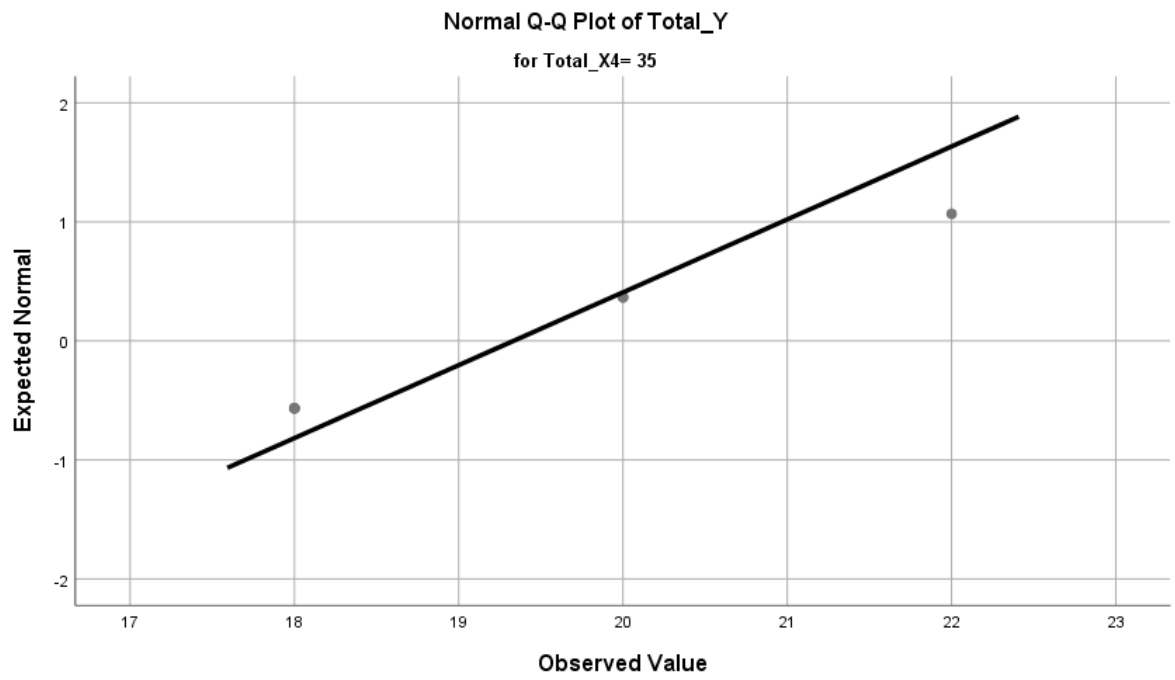
Total_Y Stem-and-Leaf Plot for
Total_X4= 43

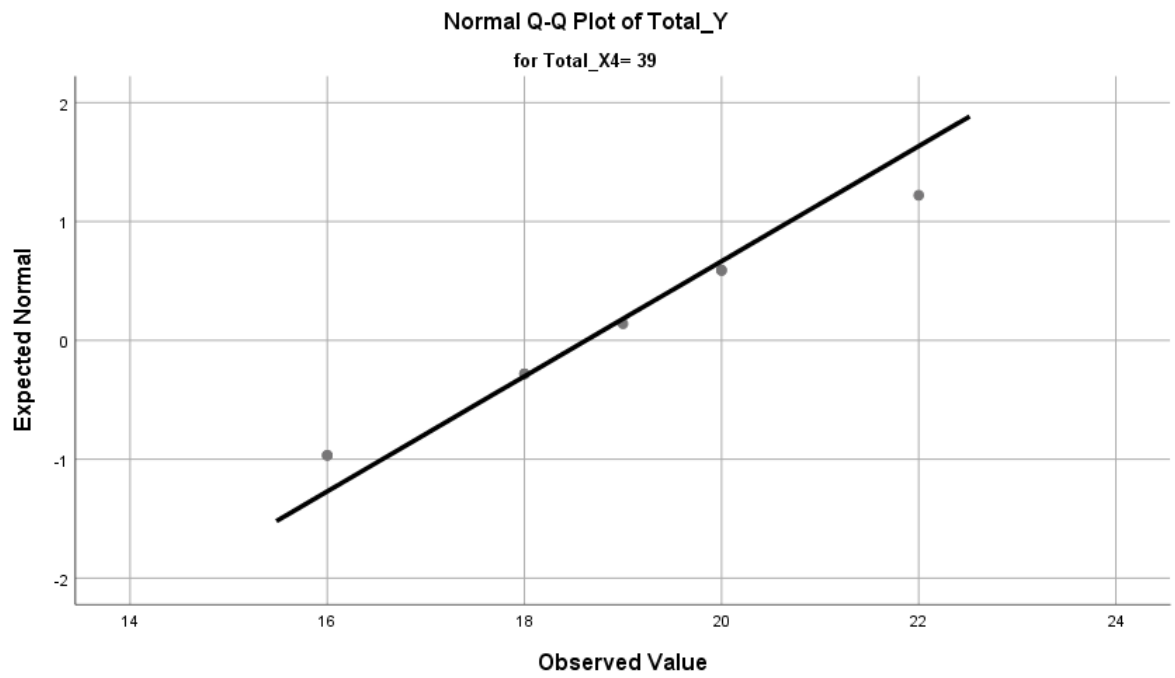
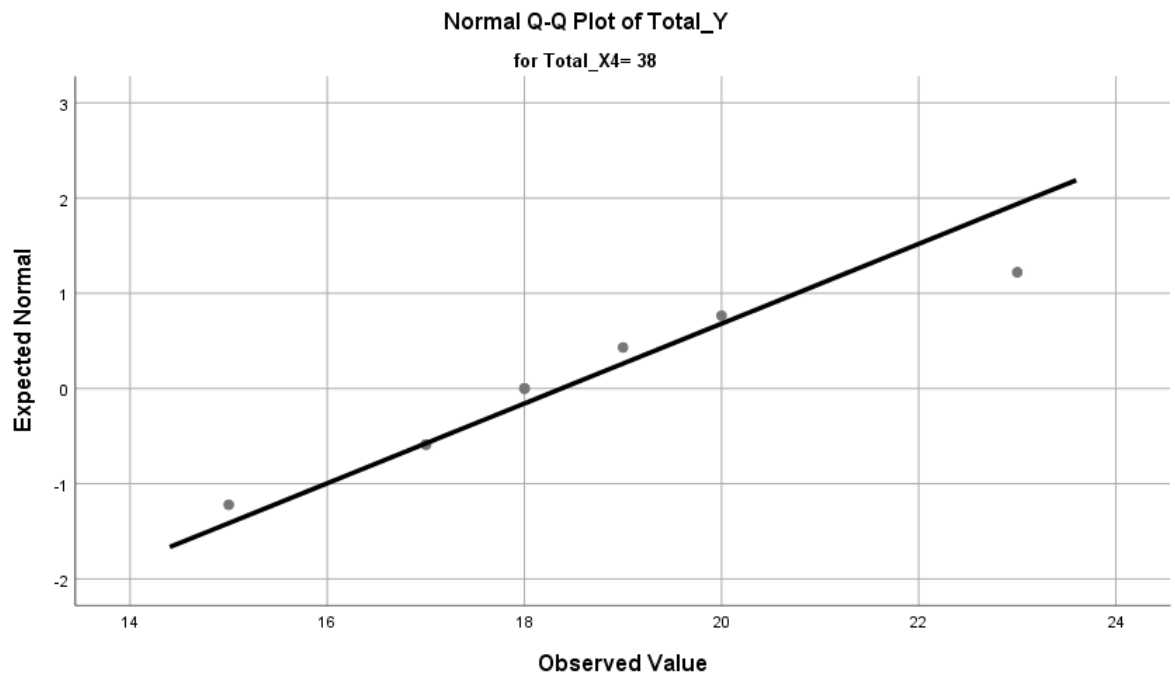
Frequency Stem & Leaf

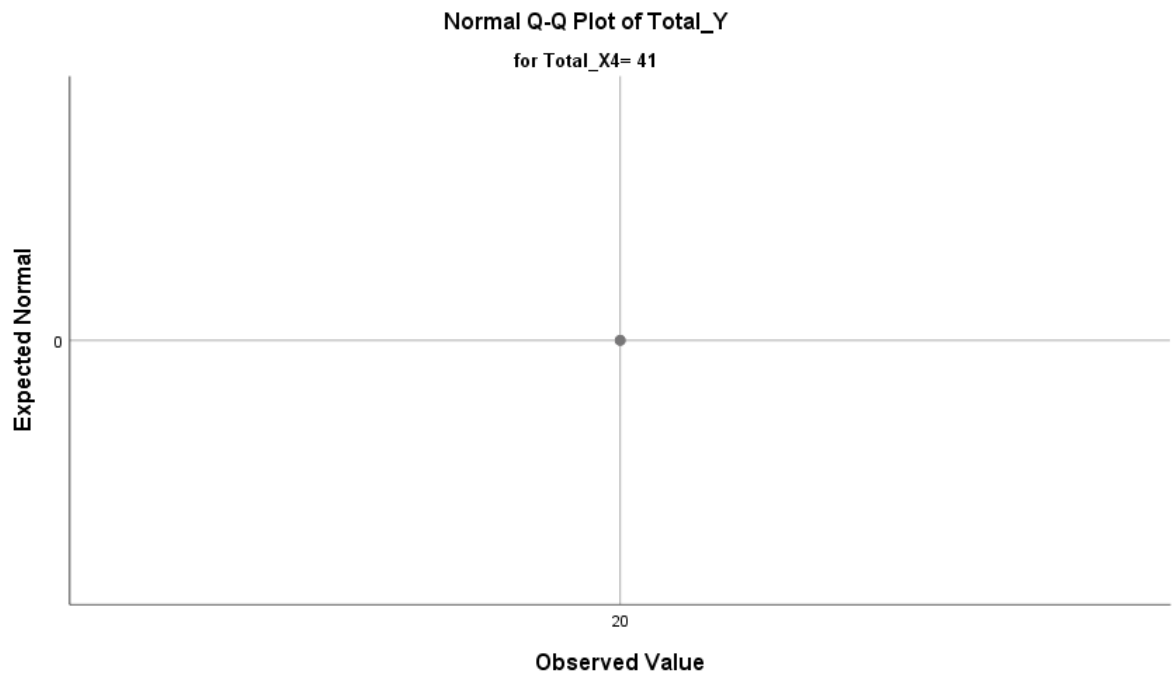
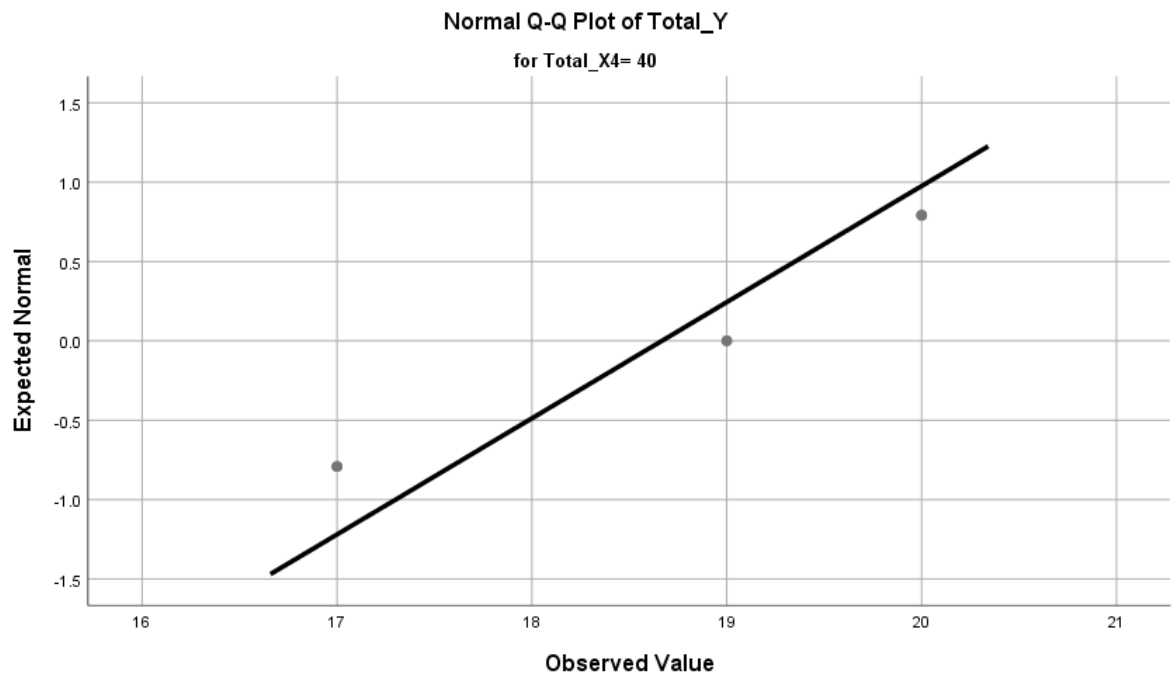
1,00 17 . 0
1,00 18 . 0
1,00 19 . 0
1,00 20 . 0

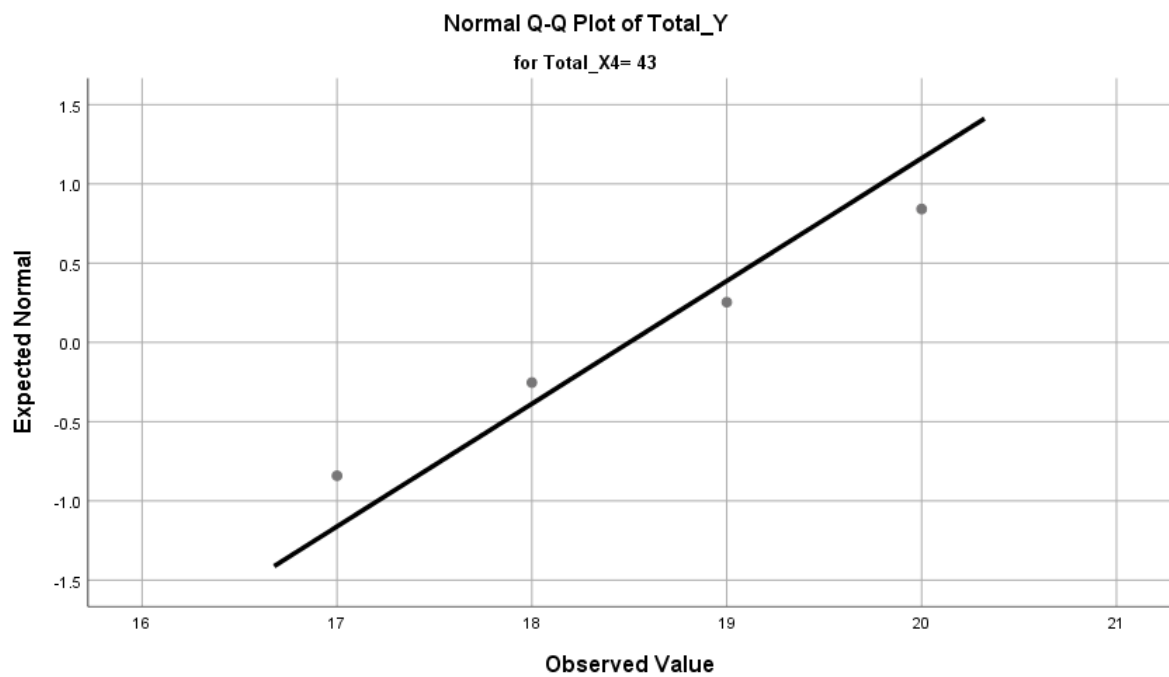
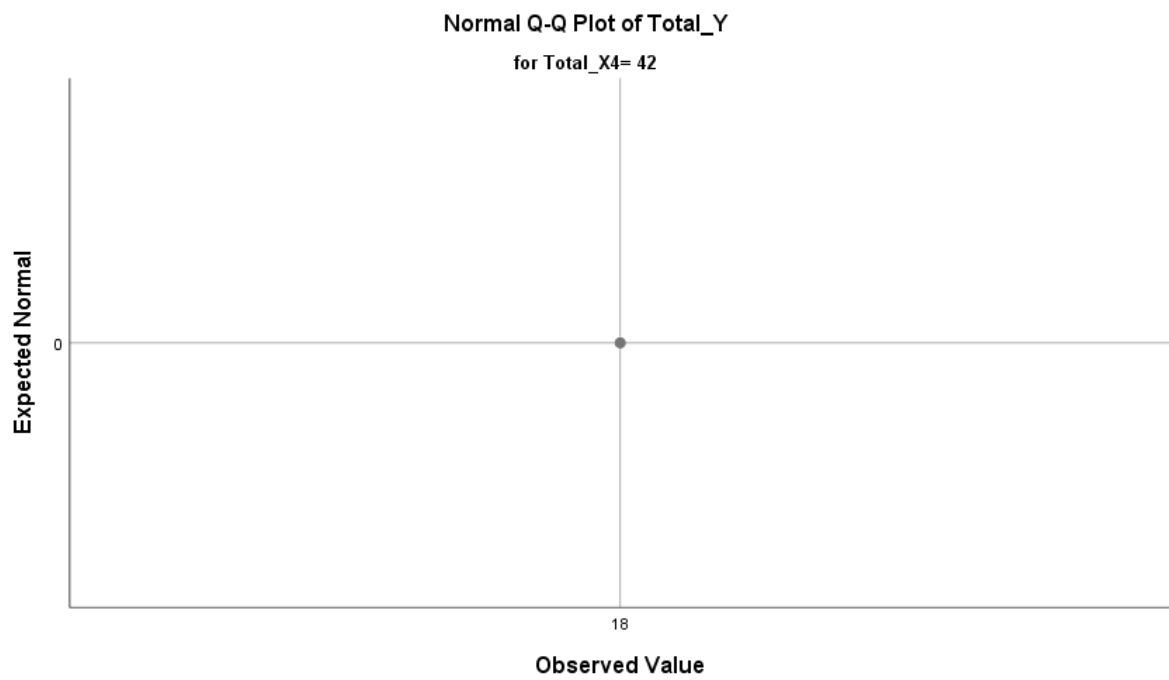
Stem width: 1
Each leaf: 1 case(s)

Normal Q-Q Plots

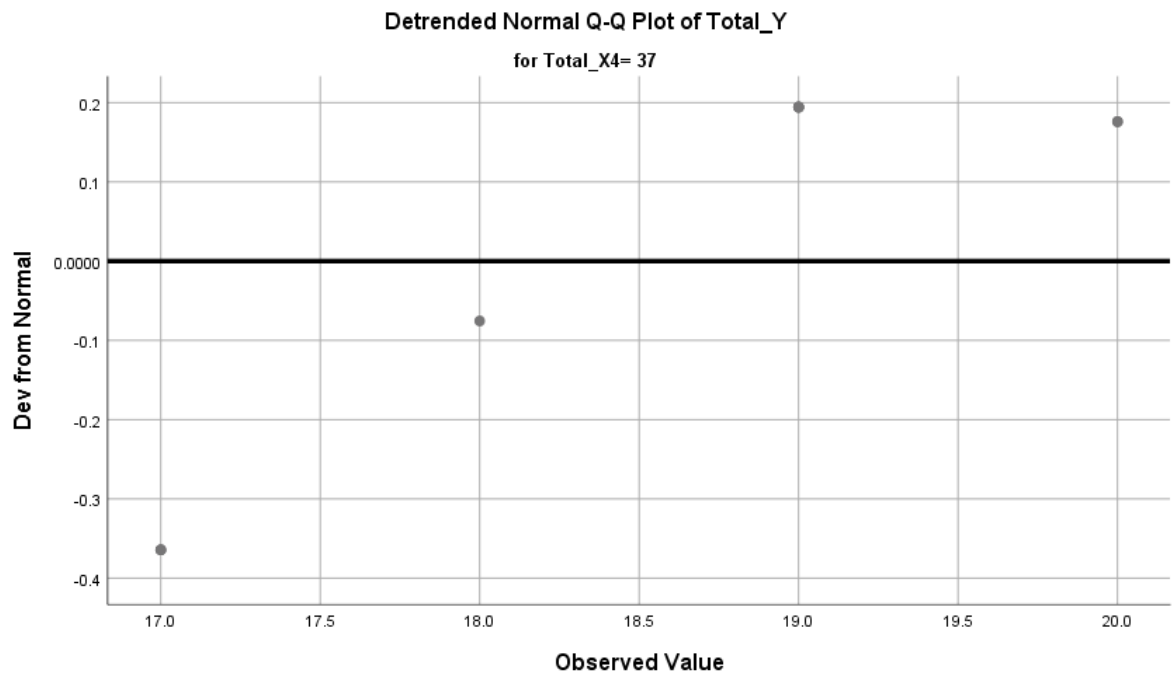
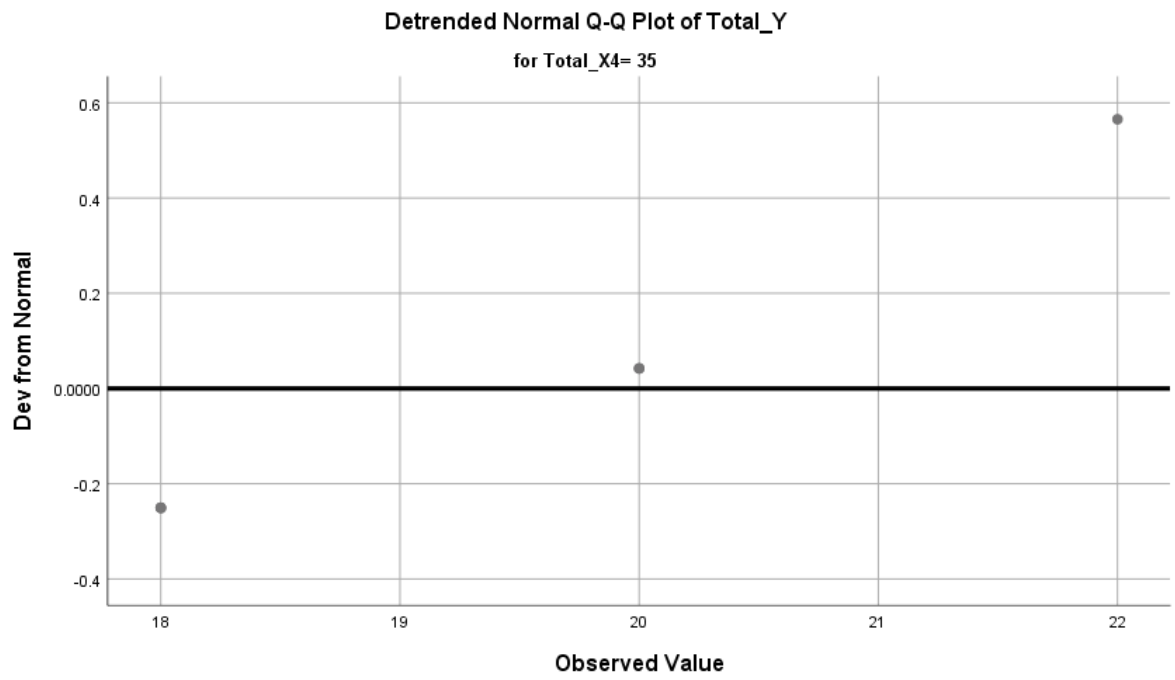


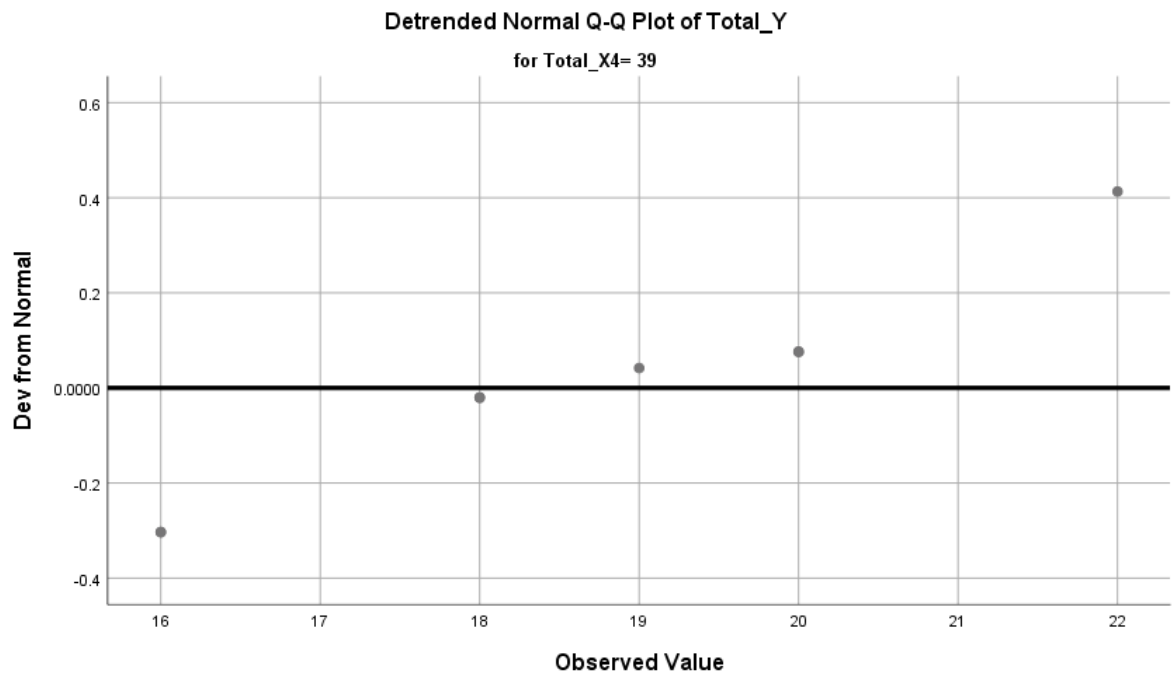
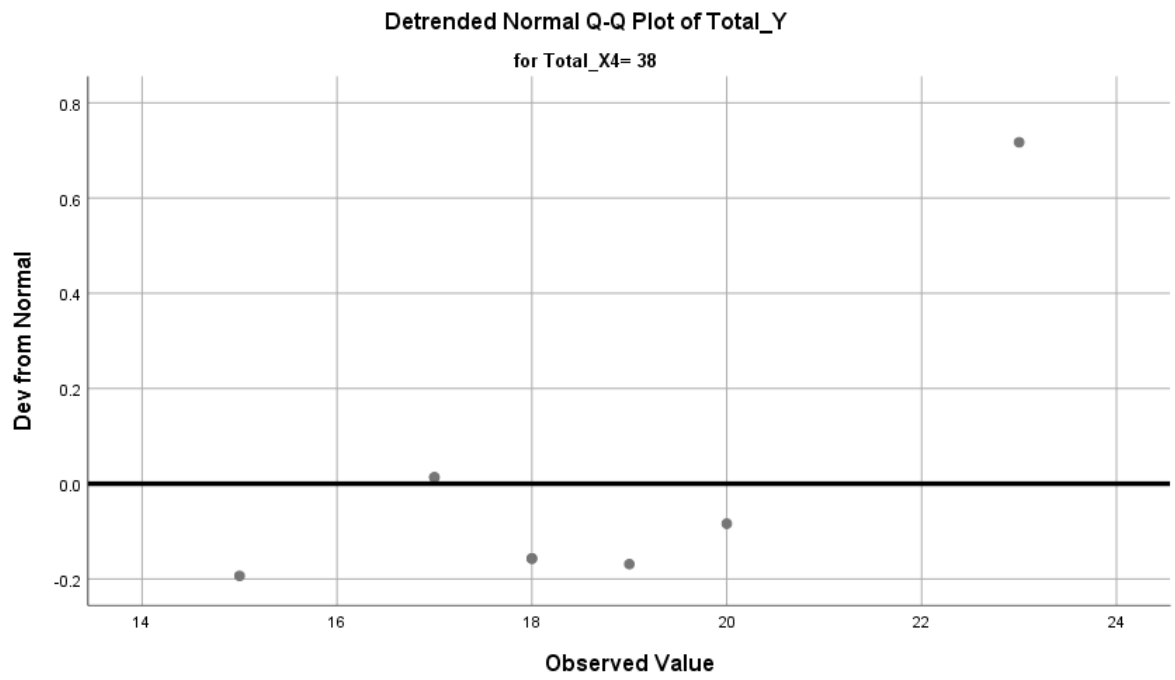


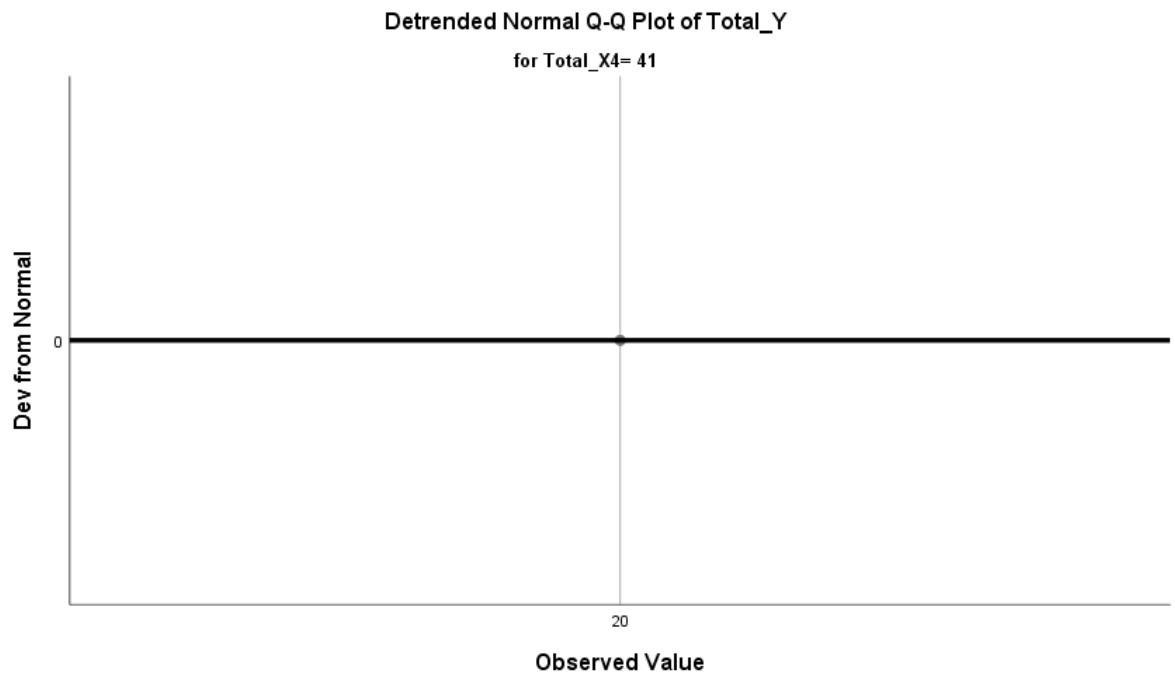
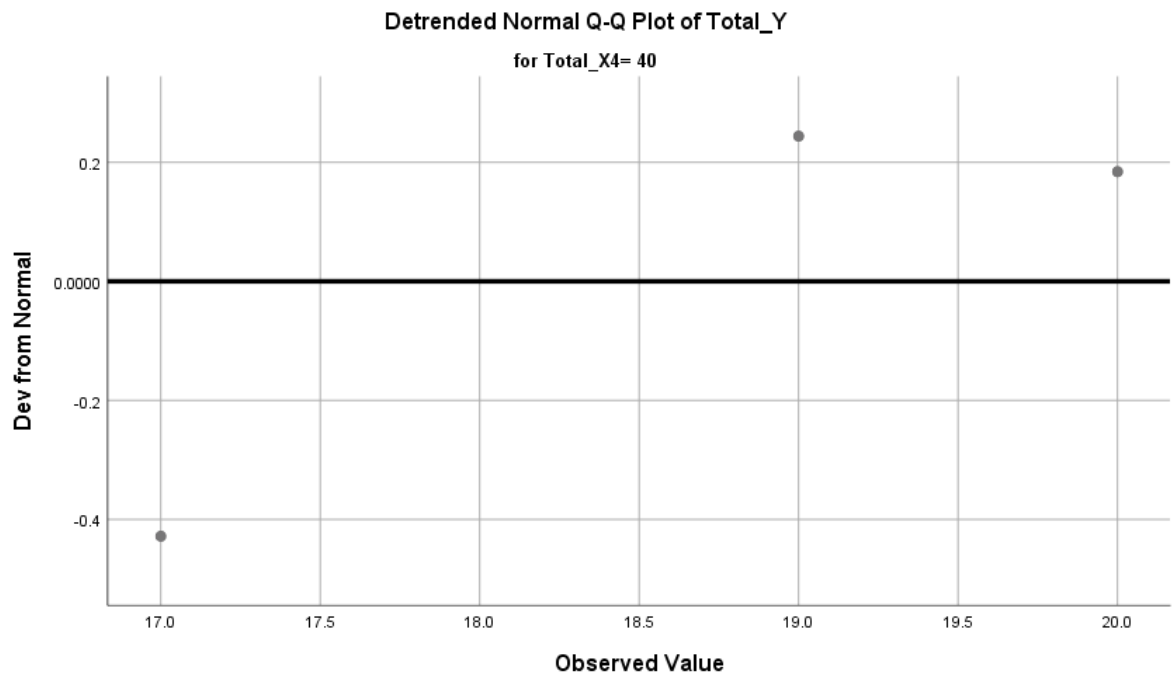


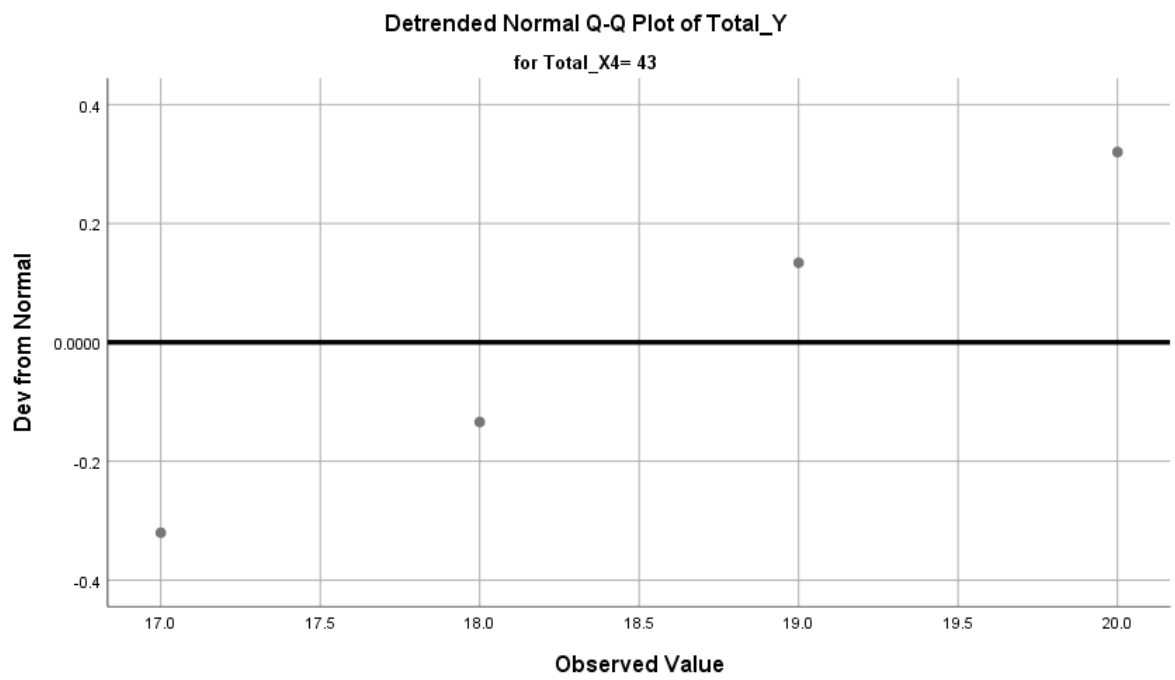
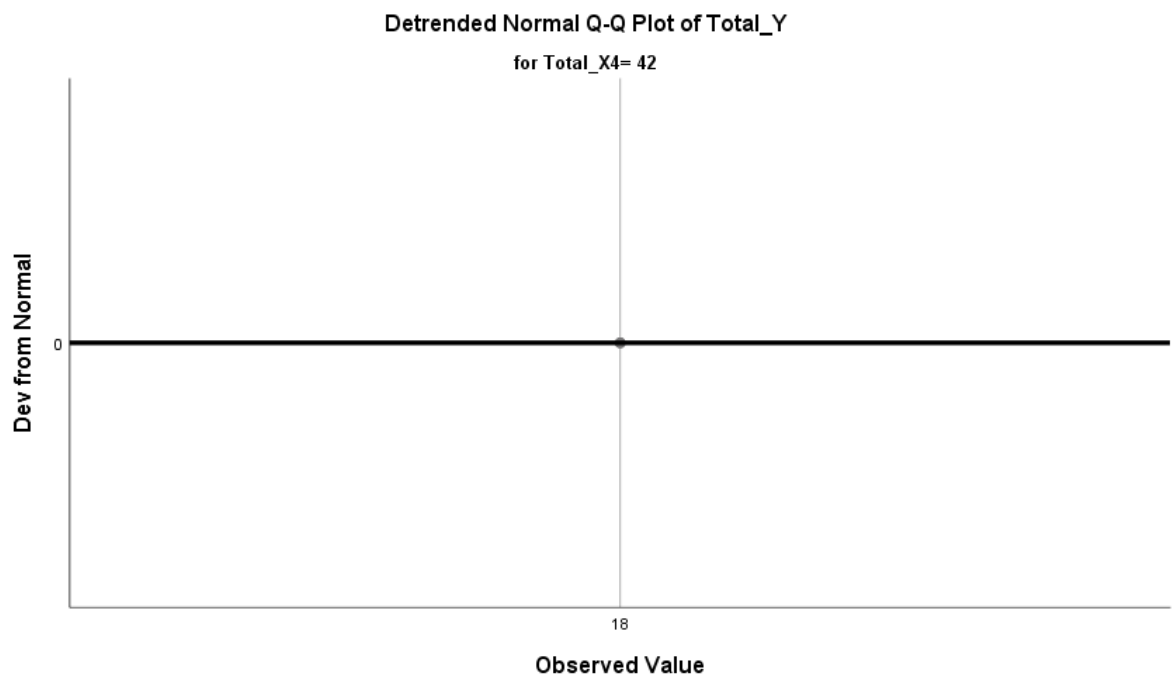


Detrended Normal Q-Q Plots

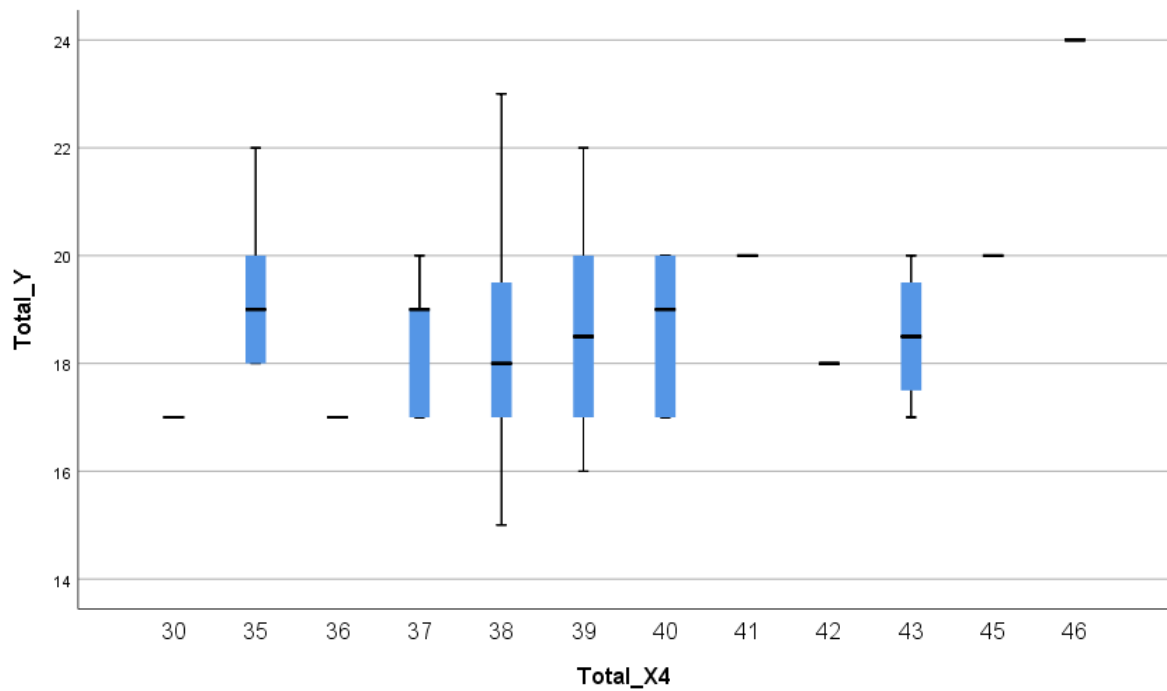








Boxplots



```

REGRESSION
/DESCRIPTIVES MEAN STDDEV CORR SIG N
/MISSING LISTWISE
/STATISTICS COEFF OUTS CI(95) BCOV R ANOVA COLLIN TOL CHANGE ZPP
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Total_Y
/METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4
/CASEWISE PLOT(ZRESID) OUTLIERS(3).

```

Regression

Notes

Output Created	19-JUL-2023 17:31:02	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI(95) BCOV R ANOVA COLLIN TOL CHANGE ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Total_Y /METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4 /CASEWISE PLOT(ZRESID) OUTLIERS(3).
Resources	Processor Time	00:00:00,06
	Elapsed Time	00:00:00,05
	Memory Required	5712 bytes
	Additional Memory Required for Residual Plots	0 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
Total_Y	18.74	1.771	50
Total_X1	30.06	3.053	50
Total_X2	30.16	3.272	50
Total_X3	29.70	2.929	50
Total_X4	38.62	2.885	50

Correlations

		Total_Y	Total_X1	Total_X2	Total_X3	Total_X4
Pearson Correlation	Total_Y	1.000	.509	.483	.067	.220
	Total_X1	.509	1.000	.475	.061	.193
	Total_X2	.483	.475	1.000	-.280	.465
	Total_X3	.067	.061	-.280	1.000	-.270
	Total_X4	.220	.193	.465	-.270	1.000
Sig. (1-tailed)	Total_Y	.	.000	.000	.321	.062
	Total_X1	.000	.	.000	.336	.090
	Total_X2	.000	.000	.	.024	.000
	Total_X3	.321	.336	.024	.	.029
	Total_X4	.062	.090	.000	.029	.
N	Total_Y	50	50	50	50	50
	Total_X1	50	50	50	50	50
	Total_X2	50	50	50	50	50
	Total_X3	50	50	50	50	50
	Total_X4	50	50	50	50	50

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Total_X4, Total_X1, Total_X3, Total_X2 ^b	.	Enter

- a. Dependent Variable: Total_Y
b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	.596 ^a	.355	.298	1.484	.355	6.190

Model Summary^b

Model Change Statistics

	df1	df2	Sig. F Change
1	4 ^a	45	.000

a. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

b. Dependent Variable: Total_Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	54.524	4	13.631	6.190	.000 ^b
	Residual	99.096	45	2.202		
	Total	153.620	49			

a. Dependent Variable: Total_Y

b. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	3.659	4.403		.831	.410
	Total_X1	.187	.081	.323	2.308	.026
	Total_X2	.194	.085	.358	2.287	.027
	Total_X3	.095	.078	.157	1.208	.233
	Total_X4	.021	.084	.034	.247	.806

Coefficients^a

Model		95,0% Confidence Interval for B		Correlations		
		Lower Bound	Upper Bound	Zero-order	Partial	Part
1	(Constant)	-5.209	12.528			
	Total_X1	.024	.350	.509	.325	.276
	Total_X2	.023	.364	.483	.323	.274
	Total_X3	-.063	.253	.067	.177	.145
	Total_X4	-.149	.190	.220	.037	.030

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Total_X1	.733	1.363

Total_X2	.586	1.707
Total_X3	.850	1.176
Total_X4	.763	1.311

a. Dependent Variable: Total_Y

Coefficient Correlations^a

Model		Total_X4	Total_X1	Total_X3	Total_X2	
1	Correlations	Total_X4	1.000	-.002	.160	-.369
		Total_X1	-.002	1.000	-.227	-.477
		Total_X3	.160	-.227	1.000	.264
		Total_X2	-.369	-.477	.264	1.000
	Covariances	Total_X4	.007	-1.169E-005	.001	-.003
		Total_X1	-1.169E-005	.007	-.001	-.003
		Total_X3	.001	-.001	.006	.002
		Total_X2	-.003	-.003	.002	.007

a. Dependent Variable: Total_Y

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	Total_X1	Total_X2	Total_X3
1	1	4.973	1.000	.00	.00	.00	.00
	2	.015	18.515	.00	.01	.15	.33
	3	.007	27.130	.02	.67	.00	.00
	4	.004	36.252	.01	.31	.85	.23
	5	.002	55.093	.96	.01	.00	.43

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions
		Total_X4
1	1	.00
	2	.01
	3	.20
	4	.25
	5	.54

a. Dependent Variable: Total_Y

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	16.65	21.46	18.74	1.055	50
Residual	-3.906	3.853	.000	1.422	50
Std. Predicted Value	-1.977	2.581	.000	1.000	50
Std. Residual	-2.632	2.596	.000	.958	50

a. Dependent Variable: Total_Y

REGRESSION

```

/DESCRIPTIVES MEAN STDDEV CORR SIG N
/MISSING LISTWISE
/STATISTICS COEFF OUTS CI(95) BCOV R ANOVA COLLIN TOL CHANGE ZPP
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Total_Y
/METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4
/SCATTERPLOT=(*SRESID ,*ZPRED)
/CASEWISE PLOT(ZRESID) OUTLIERS(3).

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Regression

Notes

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Comments		
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax	REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI(95) BCOV R ANOVA COLLIN TOL CHANGE ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Total_Y /METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4 /SCATTERPLOT=(*SRESID ,*ZPRED) /CASEWISE PLOT(ZRESID) OUTLIERS(3).	
	Resources	Processor Time 00:00:01,09 Elapsed Time 00:00:00,69 Memory Required 5712 bytes Additional Memory Required for Residual Plots 0 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
Total_Y	18.74	1.771	50
Total_X1	30.06	3.053	50
Total_X2	30.16	3.272	50
Total_X3	29.70	2.929	50
Total_X4	38.62	2.885	50

Correlations

		Total_Y	Total_X1	Total_X2	Total_X3	Total_X4
Pearson Correlation	Total_Y	1.000	.509	.483	.067	.220
	Total_X1	.509	1.000	.475	.061	.193

	Total_X2	.483	.475	1.000	-.280	.465
	Total_X3	.067	.061	-.280	1.000	-.270
	Total_X4	.220	.193	.465	-.270	1.000
Sig. (1-tailed)	Total_Y	.	.000	.000	.321	.062
	Total_X1	.000	.	.000	.336	.090
	Total_X2	.000	.000	.	.024	.000
	Total_X3	.321	.336	.024	.	.029
	Total_X4	.062	.090	.000	.029	.
N	Total_Y	50	50	50	50	50
	Total_X1	50	50	50	50	50
	Total_X2	50	50	50	50	50
	Total_X3	50	50	50	50	50
	Total_X4	50	50	50	50	50

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Total_X4, Total_X1, Total_X3, Total_X2 ^b	.	Enter

- a. Dependent Variable: Total_Y
b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics	
					R Square Change	F Change
1	.596 ^a	.355	.298	1.484	.355	6.190

Model Summary^b

Model	Change Statistics	
	df1	df2
1	4 ^a	45

Sig. F Change
.000

- a. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2
b. Dependent Variable: Total_Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	54.524	4	13.631	6.190	.000 ^b
	Residual	99.096	45	2.202		
	Total	153.620	49			

a. Dependent Variable: Total_Y

b. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	3.659	4.403		.831	.410
	Total_X1	.187	.081	.323	2.308	.026
	Total_X2	.194	.085	.358	2.287	.027
	Total_X3	.095	.078	.157	1.208	.233
	Total_X4	.021	.084	.034	.247	.806

Coefficients^a

Model		95,0% Confidence Interval for B		Correlations		
		Lower Bound	Upper Bound	Zero-order	Partial	Part
1	(Constant)	-5.209	12.528			
	Total_X1	.024	.350	.509	.325	.276
	Total_X2	.023	.364	.483	.323	.274
	Total_X3	-.063	.253	.067	.177	.145
	Total_X4	-.149	.190	.220	.037	.030

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Total_X1	.733	1.363
	Total_X2	.586	1.707
	Total_X3	.850	1.176
	Total_X4	.763	1.311

a. Dependent Variable: Total_Y

Coefficient Correlations^a

Model		Total_X4	Total_X1	Total_X3	Total_X2	
1	Correlations	Total_X4	1.000	-.002	.160	-.369
		Total_X1	-.002	1.000	-.227	-.477
		Total_X3	.160	-.227	1.000	.264
		Total_X2	-.369	-.477	.264	1.000
	Covariances	Total_X4	.007	-1.169E-005	.001	-.003
		Total_X1	-1.169E-005	.007	-.001	-.003
		Total_X3	.001	-.001	.006	.002
		Total_X2	-.003	-.003	.002	.007

a. Dependent Variable: Total_Y

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	Total_X1	Total_X2	Total_X3
1	1	4.973	1.000	.00	.00	.00	.00
	2	.015	18.515	.00	.01	.15	.33
	3	.007	27.130	.02	.67	.00	.00
	4	.004	36.252	.01	.31	.85	.23
	5	.002	55.093	.96	.01	.00	.43

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions	
		Total_X4	
1	1		.00
	2		.01
	3		.20
	4		.25
	5		.54

a. Dependent Variable: Total_Y

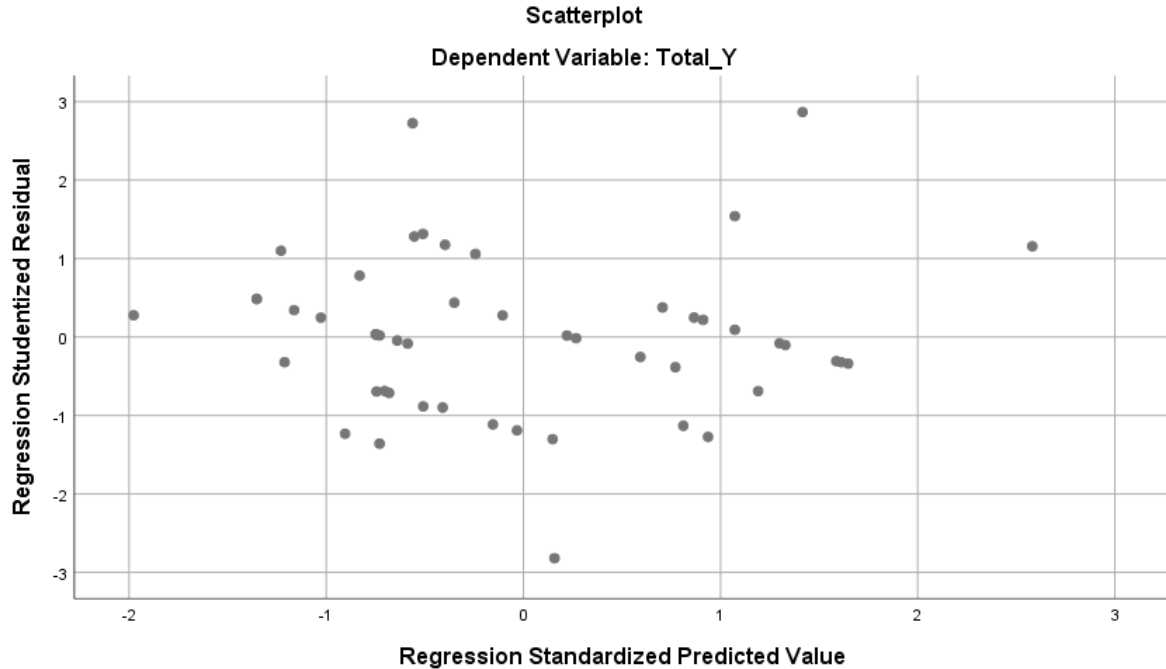
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	16.65	21.46	18.74	1.055	50
Std. Predicted Value	-1.977	2.581	.000	1.000	50

Standard Error of Predicted Value	.268	.807	.453	.125	50
Adjusted Predicted Value	16.51	21.08	18.72	1.055	50
Residual	-3.906	3.853	.000	1.422	50
Std. Residual	-2.632	2.596	.000	.958	50
Stud. Residual	-2.818	2.868	.007	1.021	50
Deleted Residual	-4.478	4.808	.023	1.617	50
Stud. Deleted Residual	-3.071	3.136	.012	1.066	50
Mahal. Distance	.613	13.506	3.920	2.723	50
Cook's Distance	.000	.455	.029	.074	50
Centered Leverage Value	.013	.276	.080	.056	50

a. Dependent Variable: Total_Y

Charts



```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN

```

```

/DEPENDENT Total_Y
/METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4
/SCATTERPLOT=(*SRESID ,*ZPRED).

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Regression

Notes		
Output Created	19-JUL-2023 17:46:38	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax	REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Total_Y /METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4 /SCATTERPLOT=(*SRESID ,*ZPRED).	
Resources	Processor Time	00:00:00,37
	Elapsed Time	00:00:00,39
	Memory Required	5712 bytes

Additional Memory Required for Residual Plots	0 bytes
--	---------

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Total_X4, Total_X1, Total_X3, Total_X2 ^b		Enter

- a. Dependent Variable: Total_Y
b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.596 ^a	.355	.298	1.484

- a. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2
b. Dependent Variable: Total_Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	54.524	4	13.631	6.190	.000 ^b
	Residual	99.096	45	2.202		
	Total	153.620	49			

- a. Dependent Variable: Total_Y
b. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	3.659	4.403		.831	.410

Total_X1	.187	.081	.323	2.308	.026
Total_X2	.194	.085	.358	2.287	.027
Total_X3	.095	.078	.157	1.208	.233
Total_X4	.021	.084	.034	.247	.806

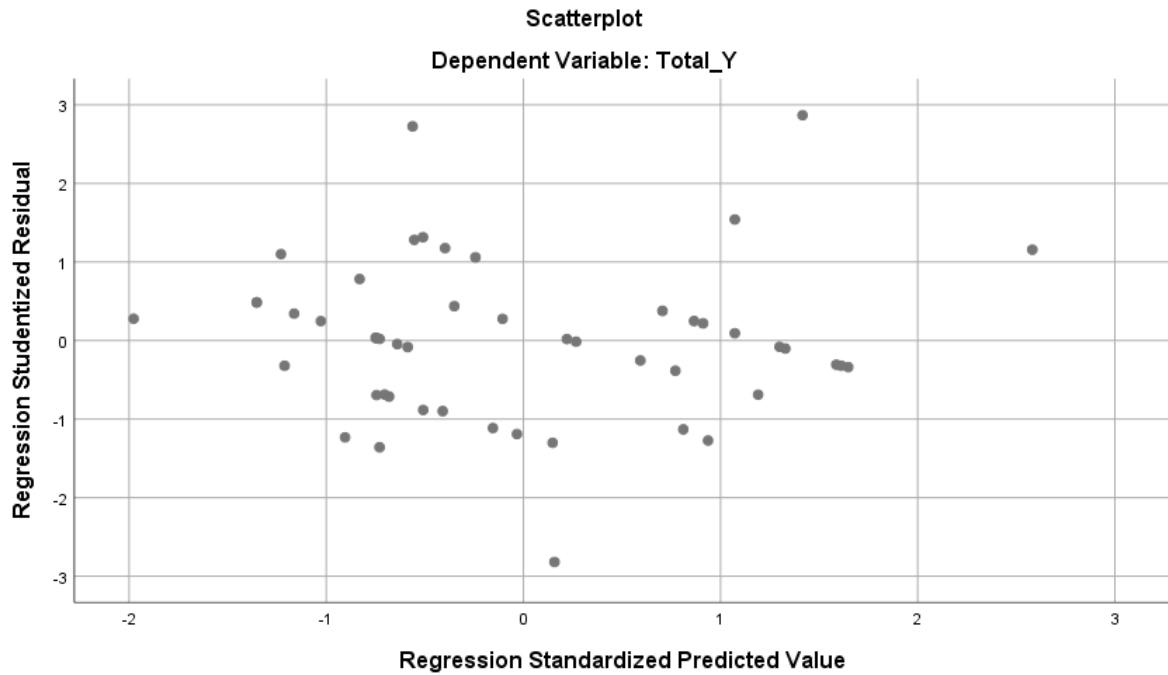
a. Dependent Variable: Total_Y

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	16.65	21.46	18.74	1.055	50
Std. Predicted Value	-1.977	2.581	.000	1.000	50
Standard Error of Predicted Value	.268	.807	.453	.125	50
Adjusted Predicted Value	16.51	21.08	18.72	1.055	50
Residual	-3.906	3.853	.000	1.422	50
Std. Residual	-2.632	2.596	.000	.958	50
Stud. Residual	-2.818	2.868	.007	1.021	50
Deleted Residual	-4.478	4.808	.023	1.617	50
Stud. Deleted Residual	-3.071	3.136	.012	1.066	50
Mahal. Distance	.613	13.506	3.920	2.723	50
Cook's Distance	.000	.455	.029	.074	50
Centered Leverage Value	.013	.276	.080	.056	50

a. Dependent Variable: Total_Y

Charts



```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Total_Y
/METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4
/SCATTERPLOT=(*SRESID,*ZPRED).

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Regression

Notes

Output Created	19-JUL-2023 17:48:02	
Comments		
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	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	50
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Total_Y /METHOD=ENTER Total_X1 Total_X2 Total_X3 Total_X4 /SCATTERPLOT=(*SRESID ,*ZPRED).
Resources	Processor Time	00:00:00,83
	Elapsed Time	00:00:00,45
	Memory Required	5712 bytes
	Additional Memory Required for Residual Plots	0 bytes

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Total_X4, Total_X1, Total_X3, Total_X2 ^b		. Enter

a. Dependent Variable: Total_Y

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.596 ^a	.355	.298	1.484

a. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

b. Dependent Variable: Total_Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	54.524	4	13.631	6.190	.000 ^b
	Residual	99.096	45	2.202		
	Total	153.620	49			

a. Dependent Variable: Total_Y

b. Predictors: (Constant), Total_X4, Total_X1, Total_X3, Total_X2

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	3.659	4.403		.831	.410
	Total_X1	.187	.081	.323	2.308	.026
	Total_X2	.194	.085	.358	2.287	.027
	Total_X3	.095	.078	.157	1.208	.233
	Total_X4	.021	.084	.034	.247	.806

a. Dependent Variable: Total_Y

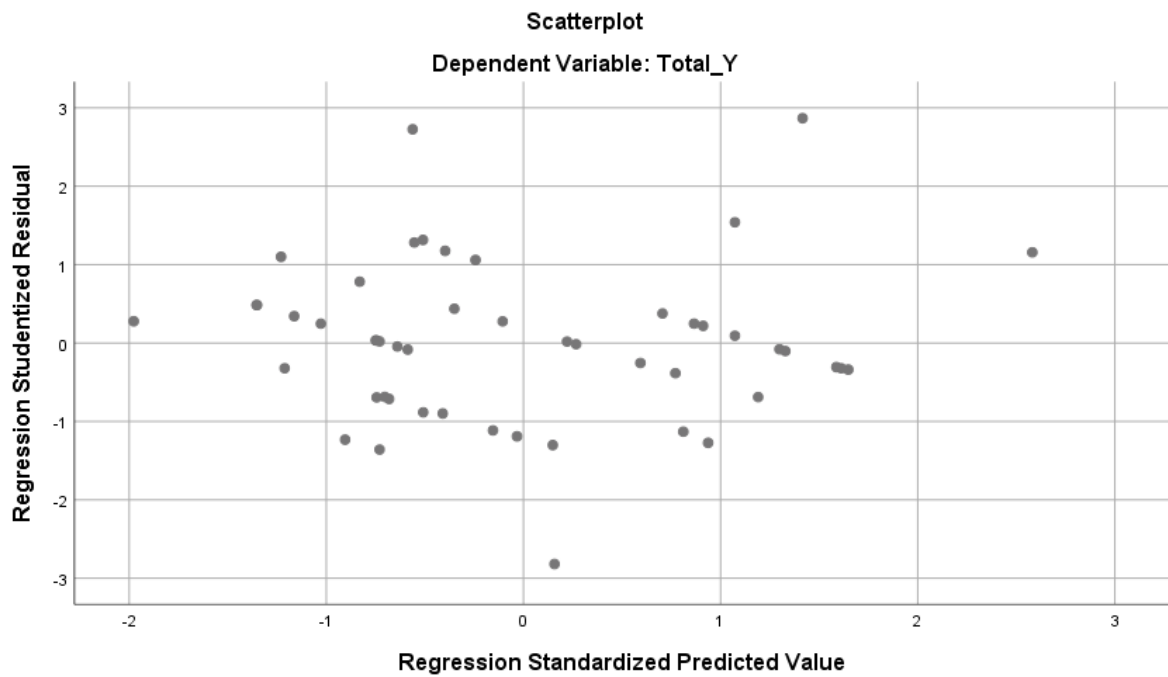
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	16.65	21.46	18.74	1.055	50
Std. Predicted Value	-1.977	2.581	.000	1.000	50
Standard Error of Predicted Value	.268	.807	.453	.125	50
Adjusted Predicted Value	16.51	21.08	18.72	1.055	50
Residual	-3.906	3.853	.000	1.422	50
Std. Residual	-2.632	2.596	.000	.958	50

Stud. Residual	-2.818	2.868	.007	1.021	50
Deleted Residual	-4.478	4.808	.023	1.617	50
Stud. Deleted Residual	-3.071	3.136	.012	1.066	50
Mahal. Distance	.613	13.506	3.920	2.723	50
Cook's Distance	.000	.455	.029	.074	50
Centered Leverage Value	.013	.276	.080	.056	50

a. Dependent Variable: Total_Y

Charts



SAVE OUTFILE='C:\Users\desti\OneDrive\Documents\INPUT DATA RIDHO.sav'
/COMPRESSED.