

### Descriptive Statistics

	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic	Std. Deviation Statistic	Skewness	
						Statistic	Std. Error
G3	649	0	19	11.91	3.231	-.913	.096
G2	649	0	19	11.57	2.914	-.360	.096
G1	649	0	19	11.40	2.745	-.003	.096
age	649	15	22	16.74	1.218	.417	.096
absences	649	0	32	3.66	4.641	2.021	.096
Valid N (listwise)	649						

### Descriptive Statistics

	Kurtosis	
	Statistic	Std. Error
G3	2.712	.192
G2	1.662	.192
G1	.037	.192
age	.072	.192
absences	5.781	.192
Valid N (listwise)		

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
G3	649	100.0%	0	0.0%	649	100.0%
G2	649	100.0%	0	0.0%	649	100.0%
G1	649	100.0%	0	0.0%	649	100.0%
age	649	100.0%	0	0.0%	649	100.0%
absences	649	100.0%	0	0.0%	649	100.0%

## Descriptives

		Statistic	Std. Error	
G3	Mean	11.91	.127	
	95% Confidence Interval for Mean	Lower Bound	11.66	
		Upper Bound	12.16	
	5% Trimmed Mean	12.06		
	Median	12.00		
	Variance	10.437		
	Std. Deviation	3.231		
	Minimum	0		
	Maximum	19		
	Range	19		
	Interquartile Range	4		
	Skewness	-.913	.096	
	Kurtosis	2.712	.192	
G2	Mean	11.57	.114	
	95% Confidence Interval for Mean	Lower Bound	11.35	
		Upper Bound	11.79	
	5% Trimmed Mean	11.60		
	Median	11.00		
	Variance	8.489		
	Std. Deviation	2.914		
	Minimum	0		
	Maximum	19		
	Range	19		
	Interquartile Range	3		
	Skewness	-.360	.096	
	Kurtosis	1.662	.192	
G1	Mean	11.40	.108	
	95% Confidence Interval for Mean	Lower Bound	11.19	
		Upper Bound	11.61	
	5% Trimmed Mean	11.39		
	Median	11.00		
	Variance	7.536		
	Std. Deviation	2.745		
	Minimum	0		
Maximum	19			

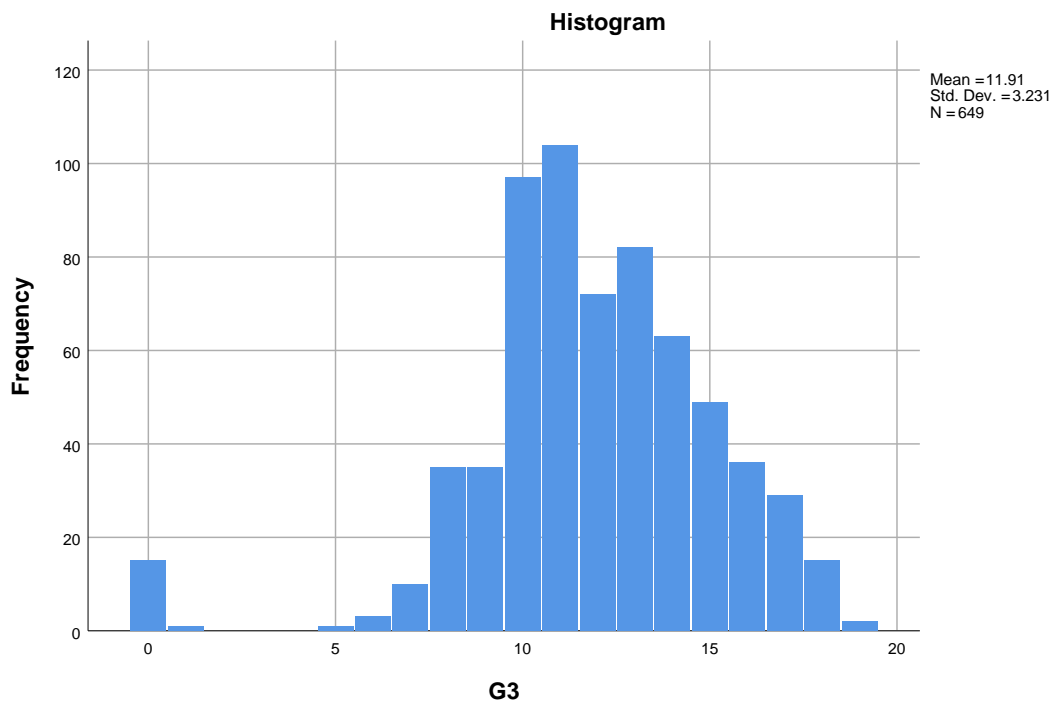
## Descriptives

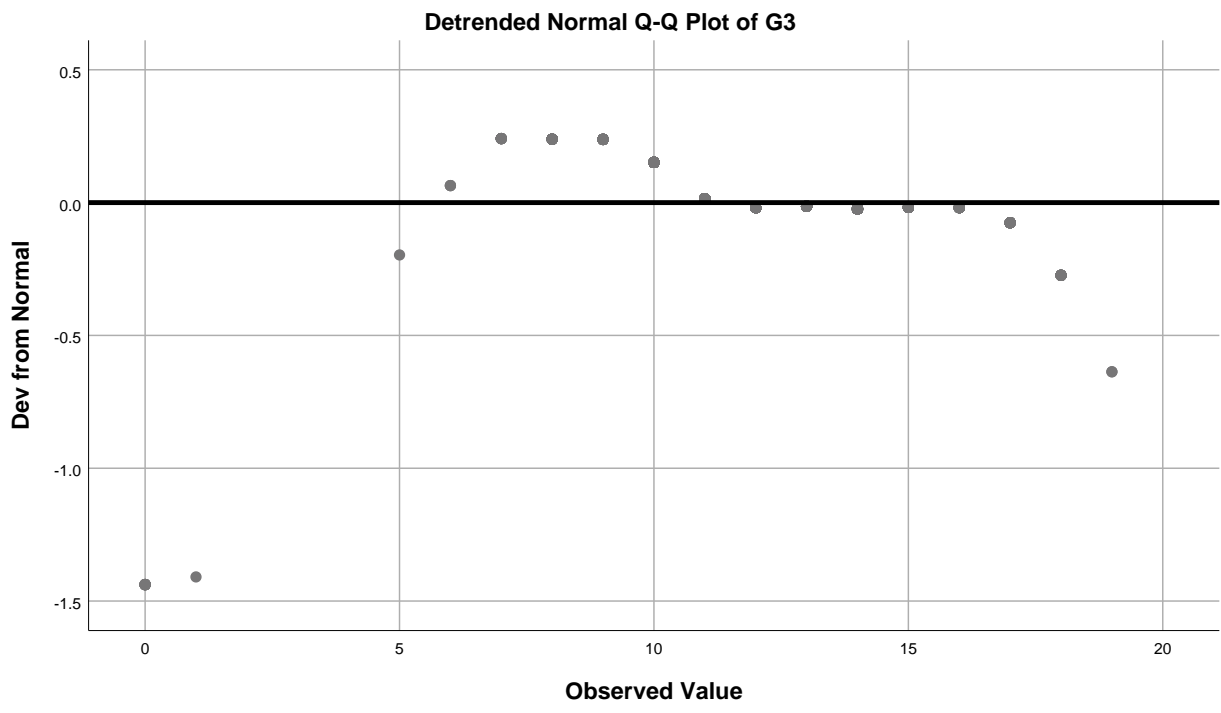
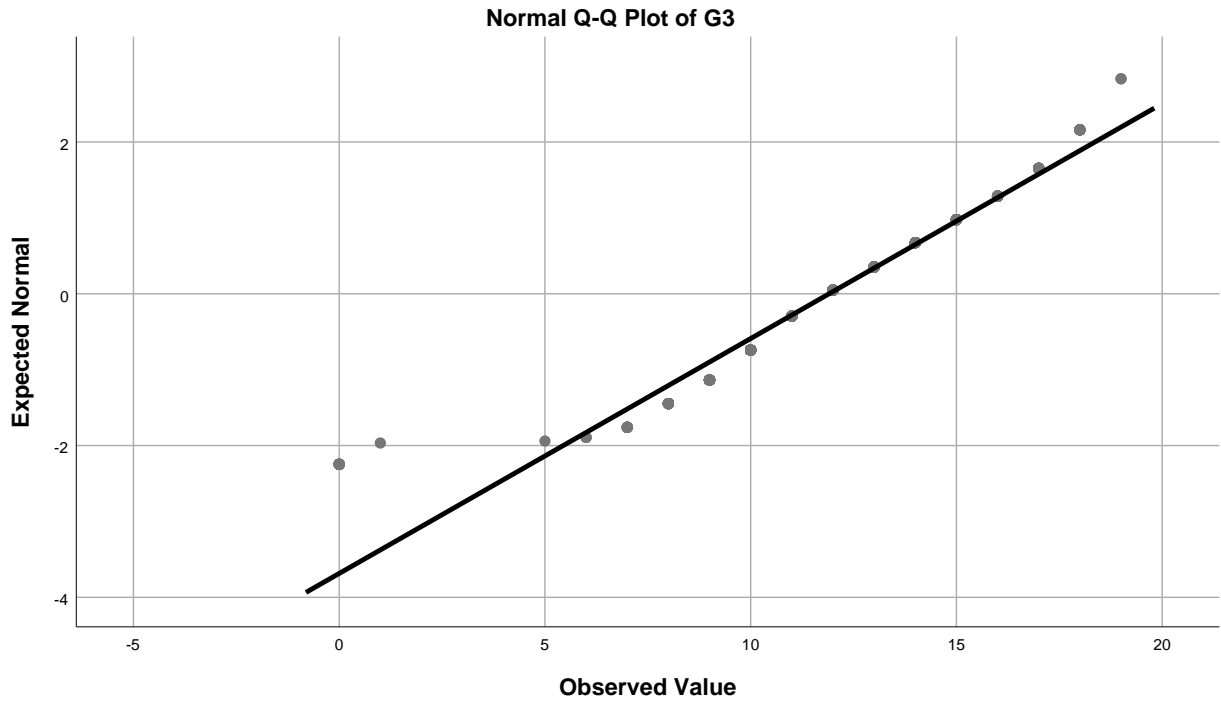
		Statistic	Std. Error	
	Range	19		
	Interquartile Range	3		
	Skewness	-.003	.096	
	Kurtosis	.037	.192	
age	Mean	16.74	.048	
	95% Confidence Interval for Mean	Lower Bound	16.65	
		Upper Bound	16.84	
	5% Trimmed Mean	16.69		
	Median	17.00		
	Variance	1.484		
	Std. Deviation	1.218		
	Minimum	15		
	Maximum	22		
	Range	7		
	Interquartile Range	2		
	Skewness	.417	.096	
	Kurtosis	.072	.192	
	absences	Mean	3.66	.182
95% Confidence Interval for Mean		Lower Bound	3.30	
		Upper Bound	4.02	
5% Trimmed Mean		3.09		
Median		2.00		
Variance		21.537		
Std. Deviation		4.641		
Minimum		0		
Maximum		32		
Range		32		
Interquartile Range		6		
Skewness		2.021	.096	
Kurtosis		5.781	.192	

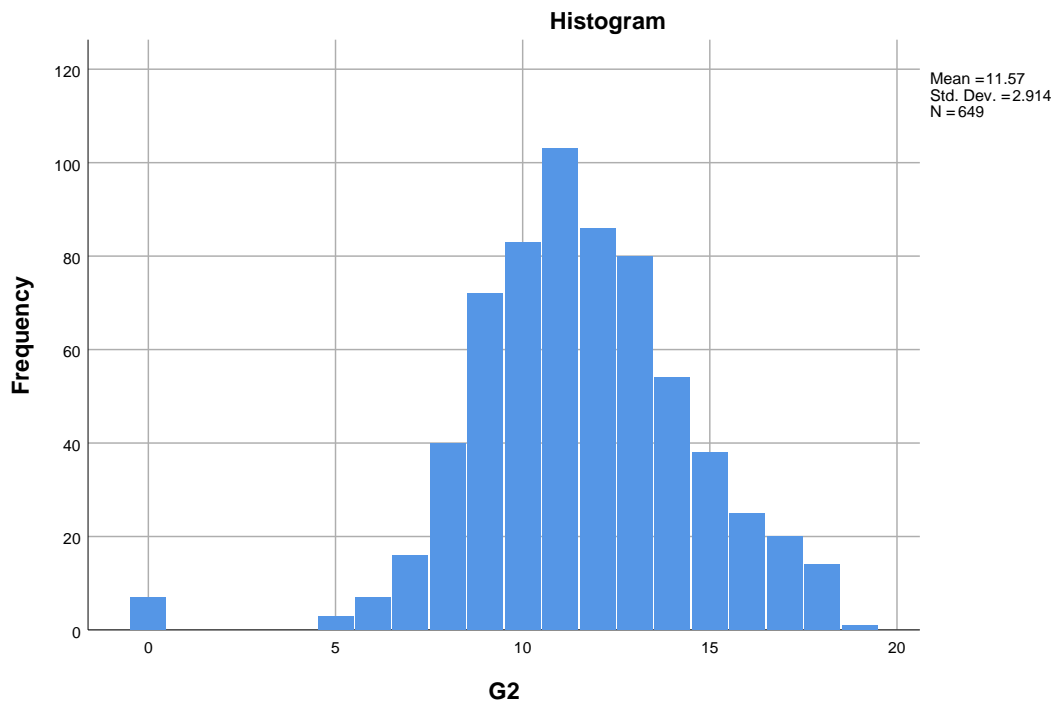
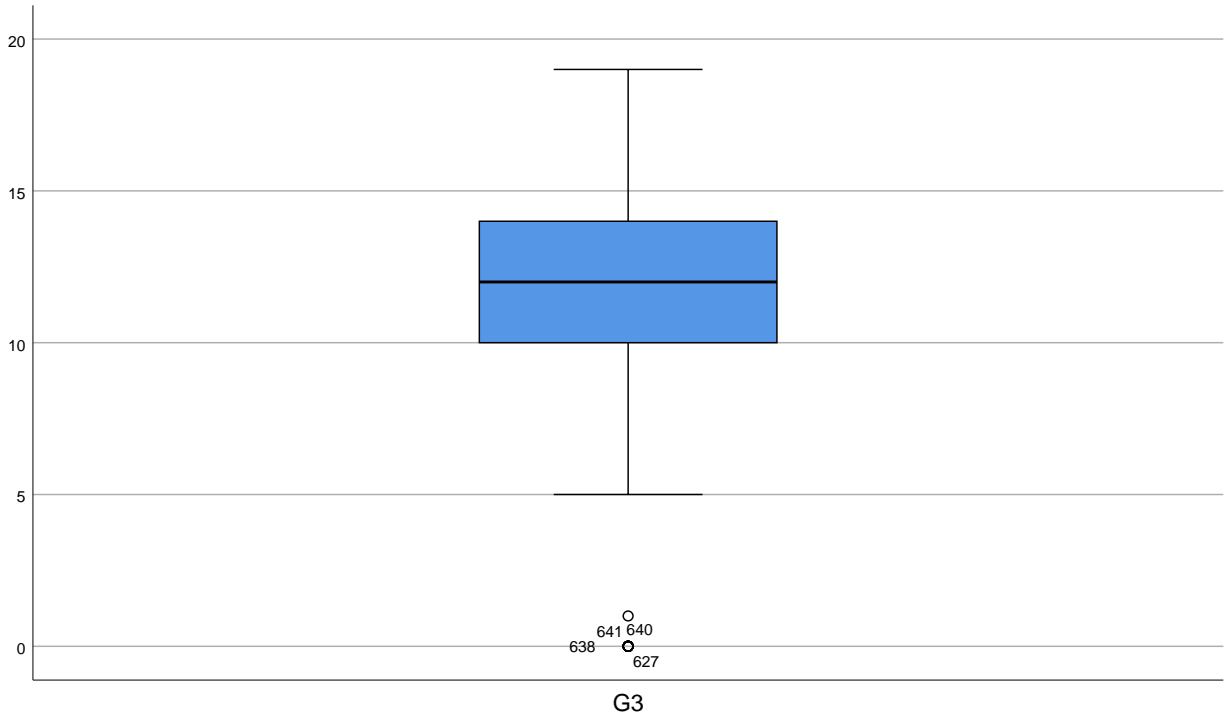
### Tests of Normality

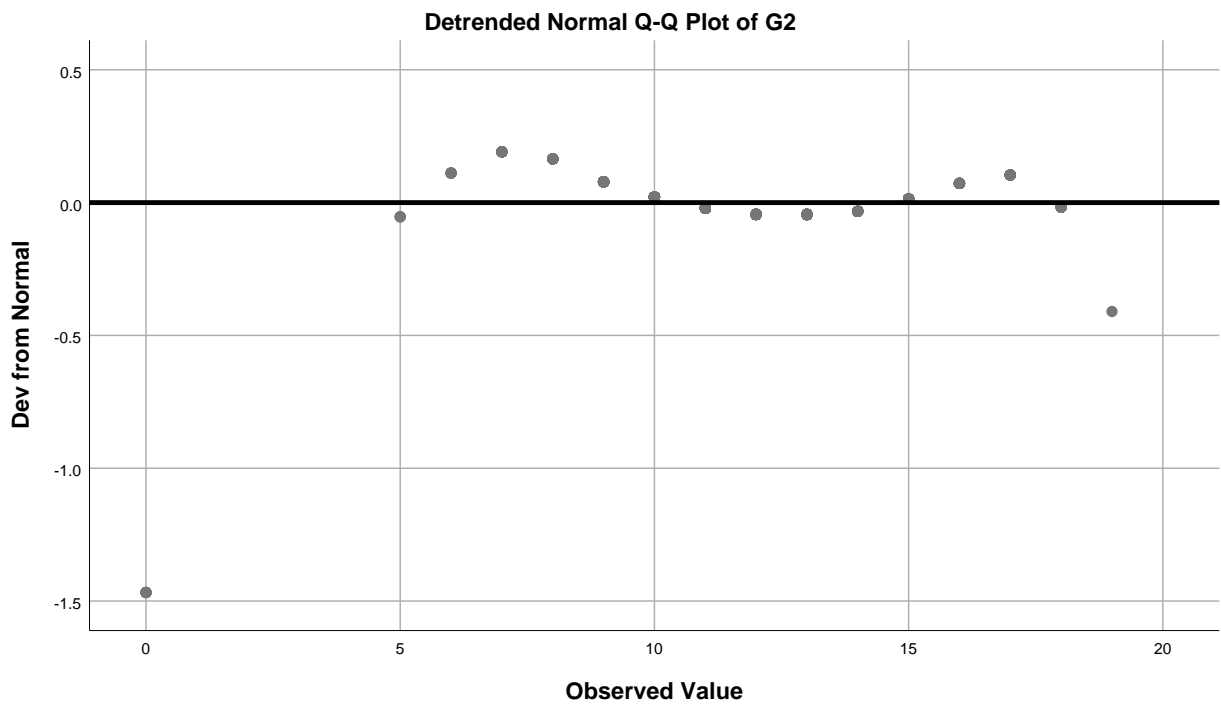
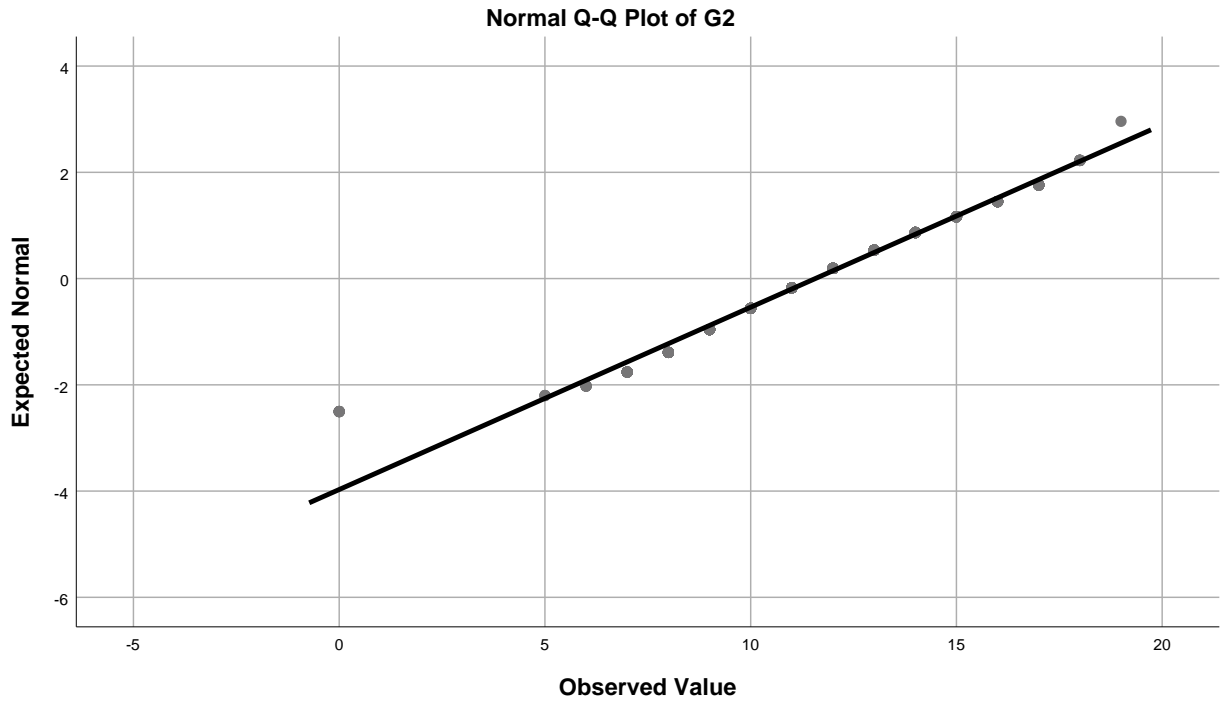
	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
G3	.124	649	.000	.926	649	.000
G2	.088	649	.000	.962	649	.000
G1	.086	649	.000	.986	649	.000
age	.175	649	.000	.916	649	.000
absences	.215	649	.000	.772	649	.000

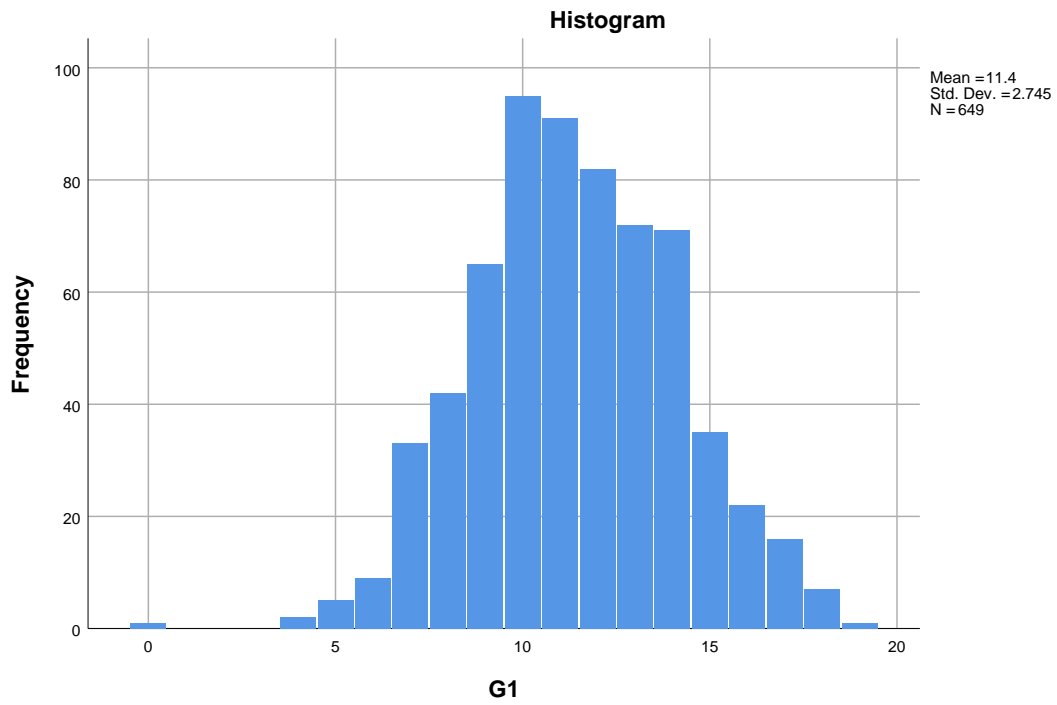
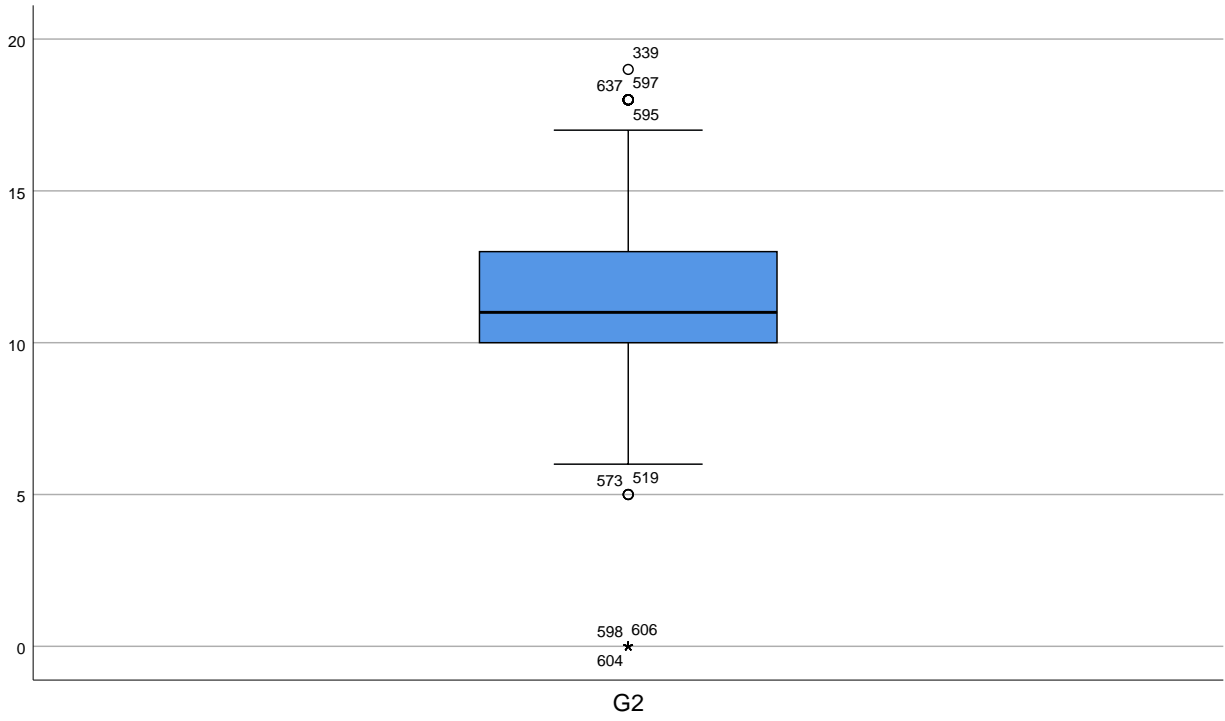
a. Lilliefors Significance Correction

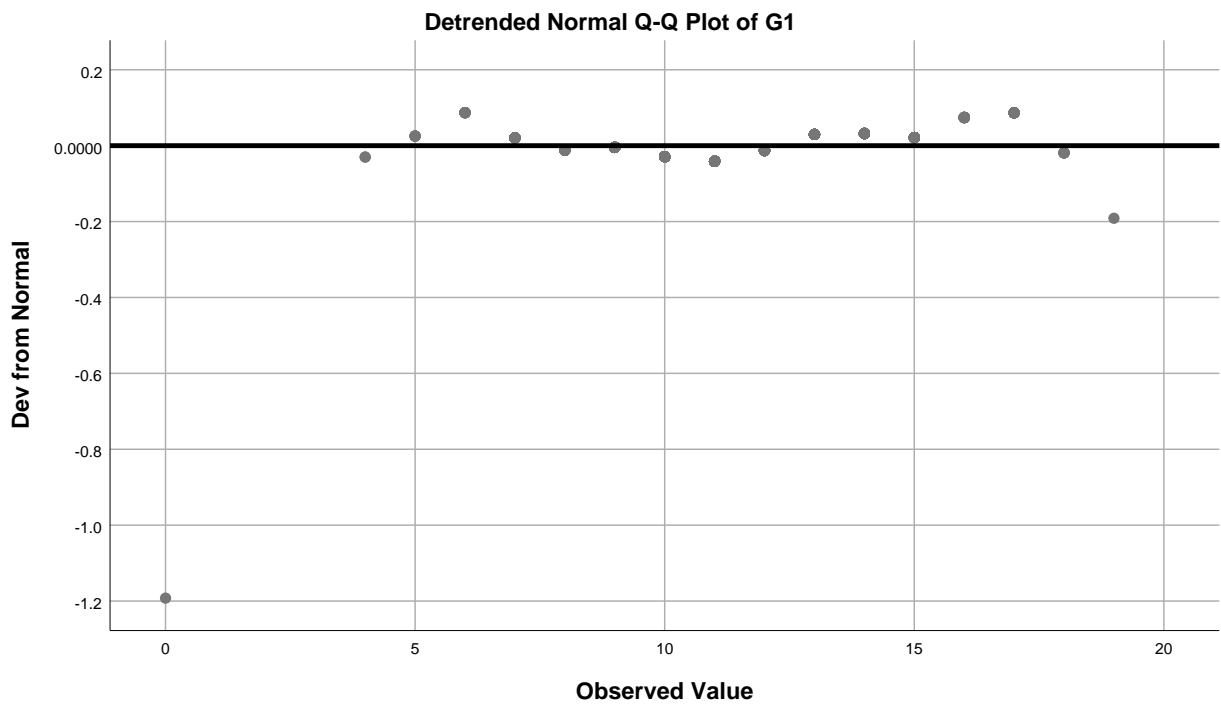
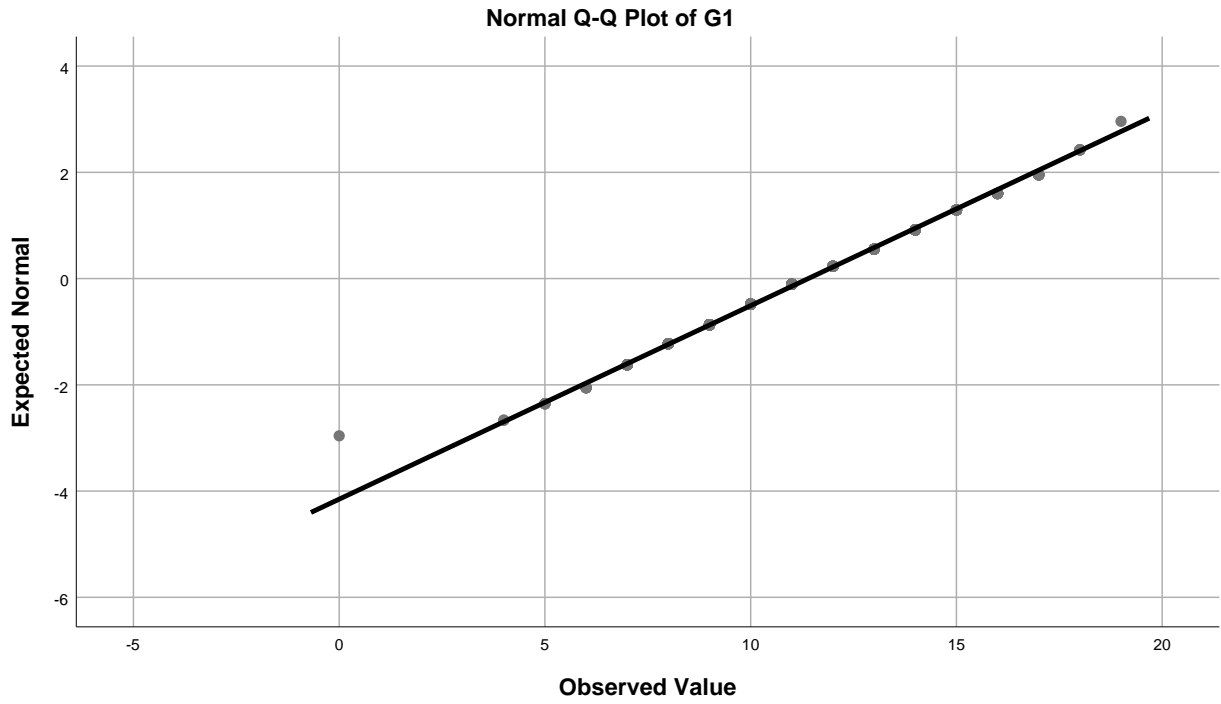


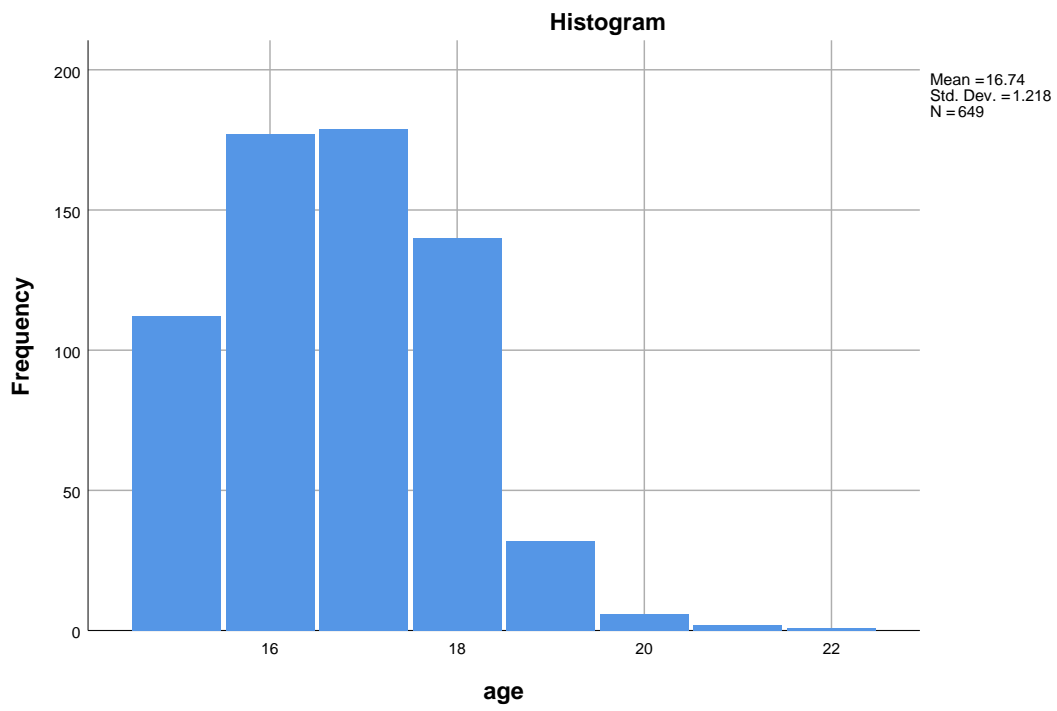
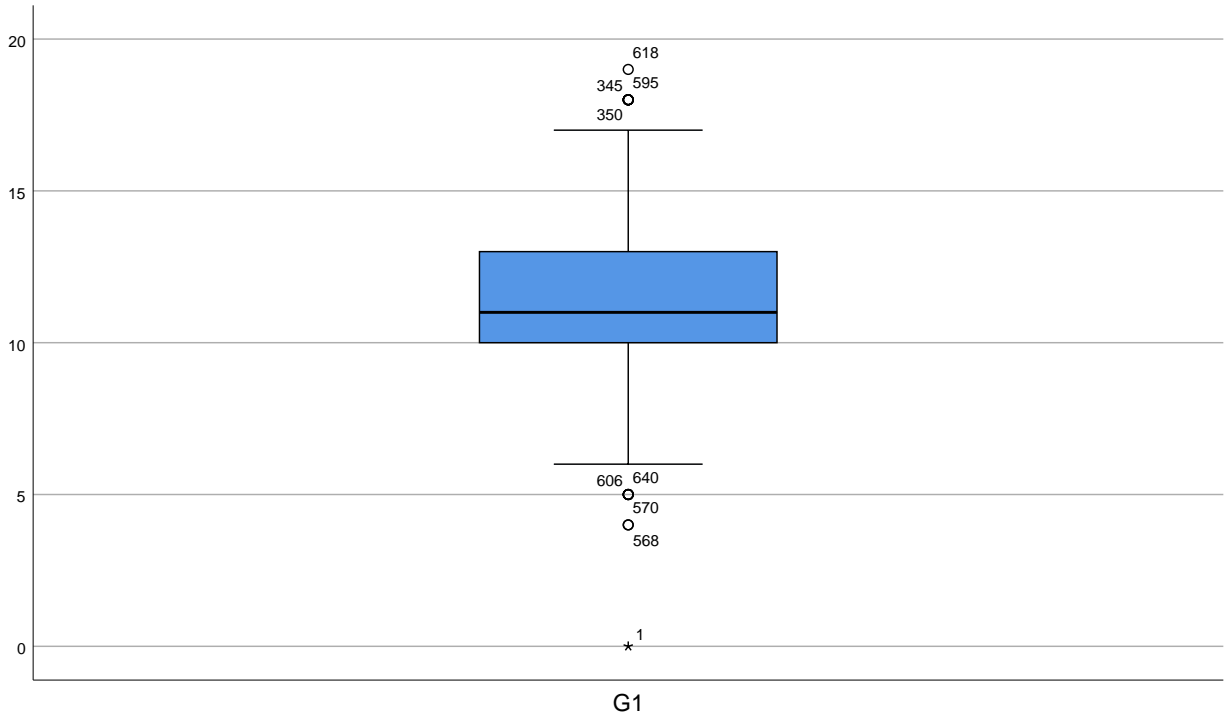


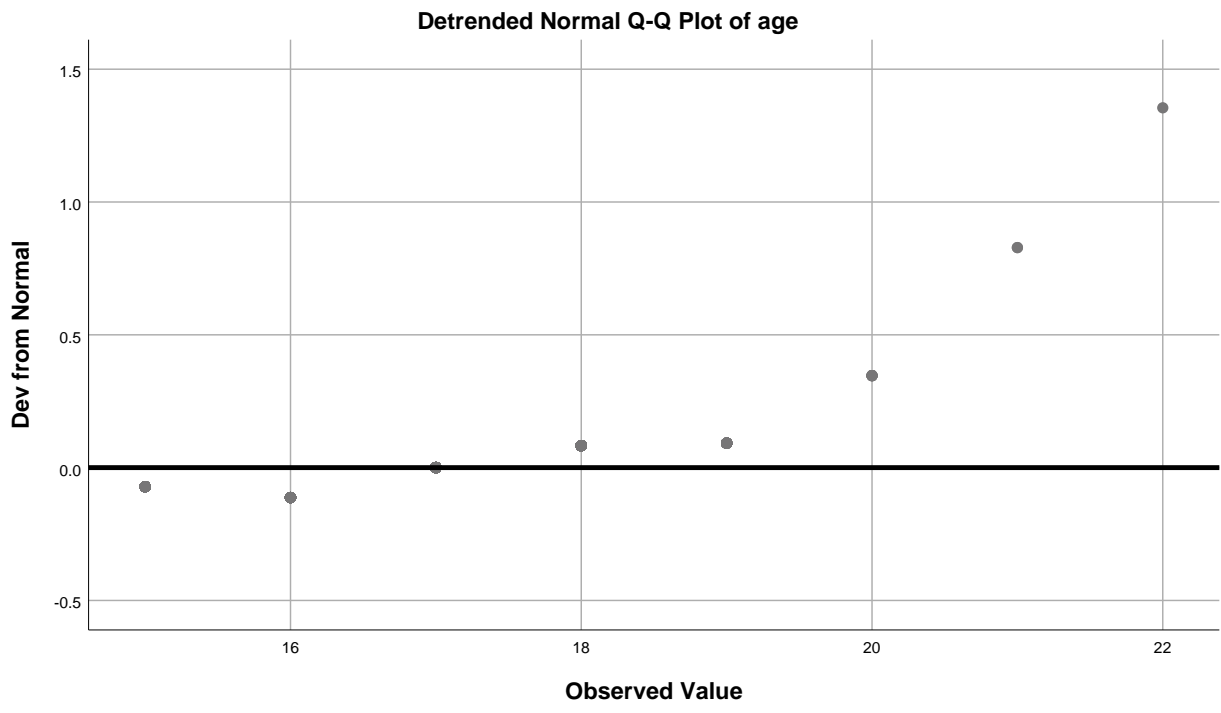
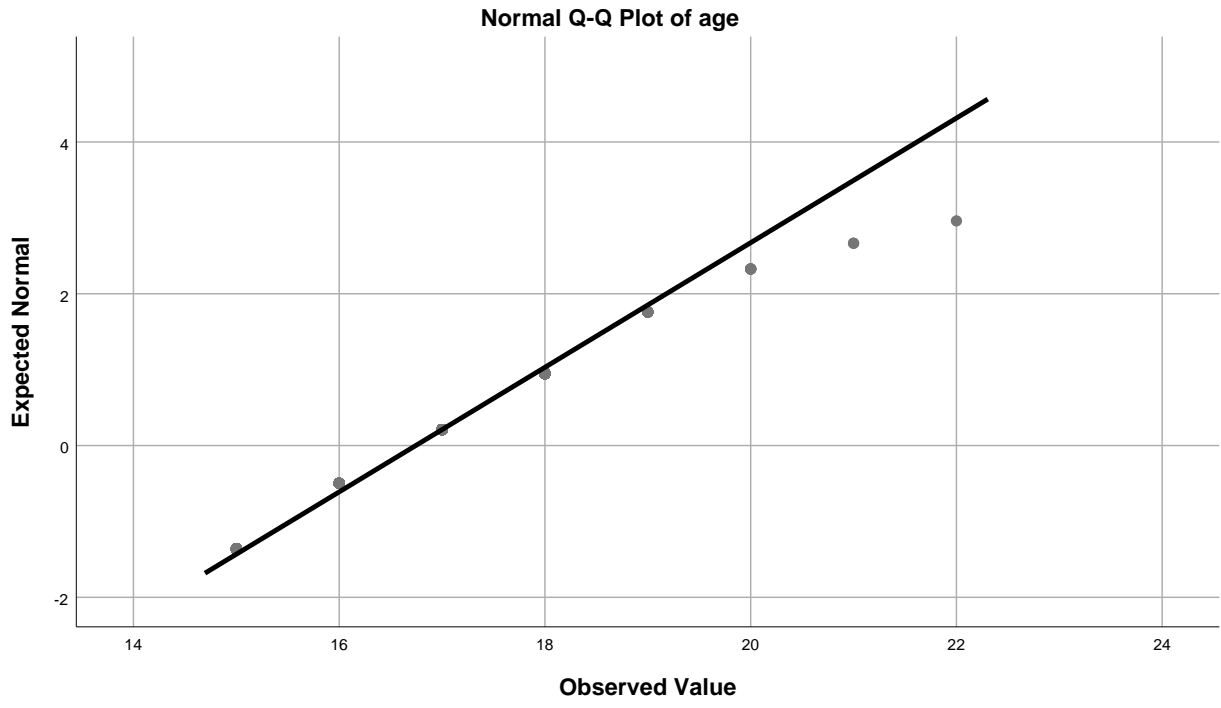


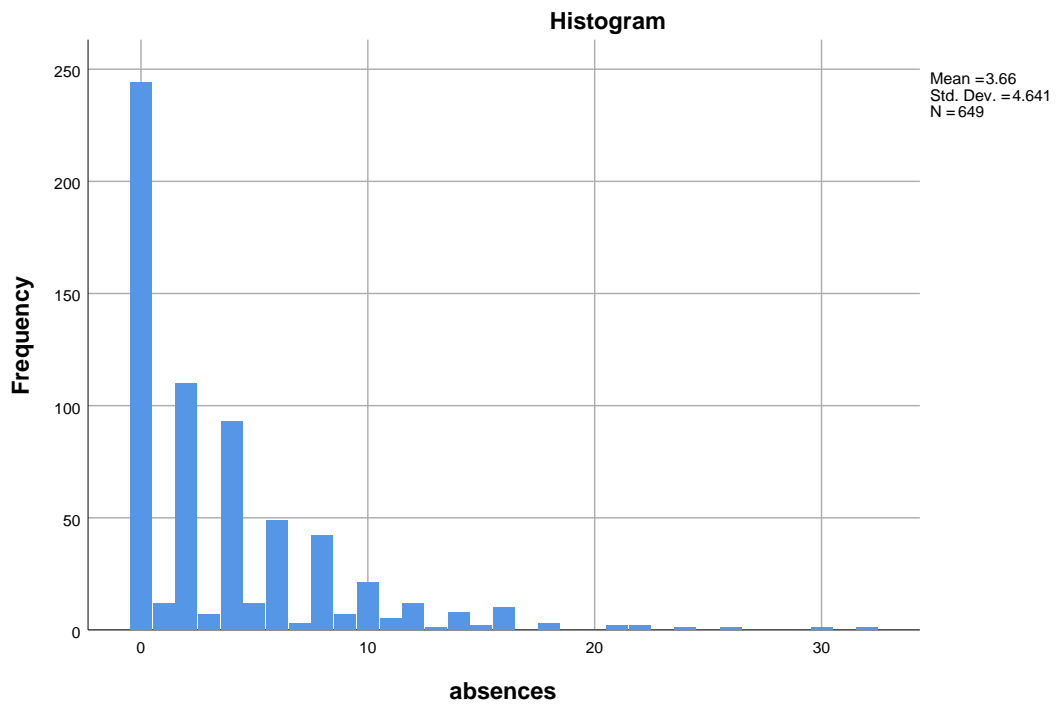
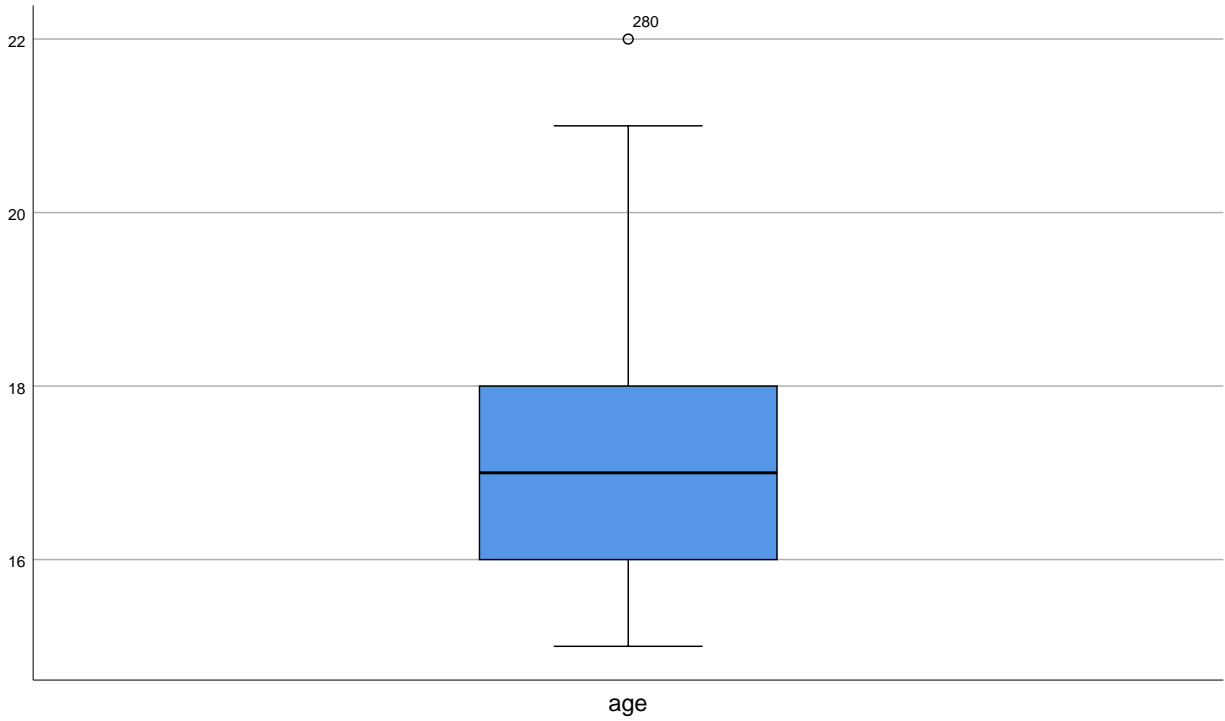


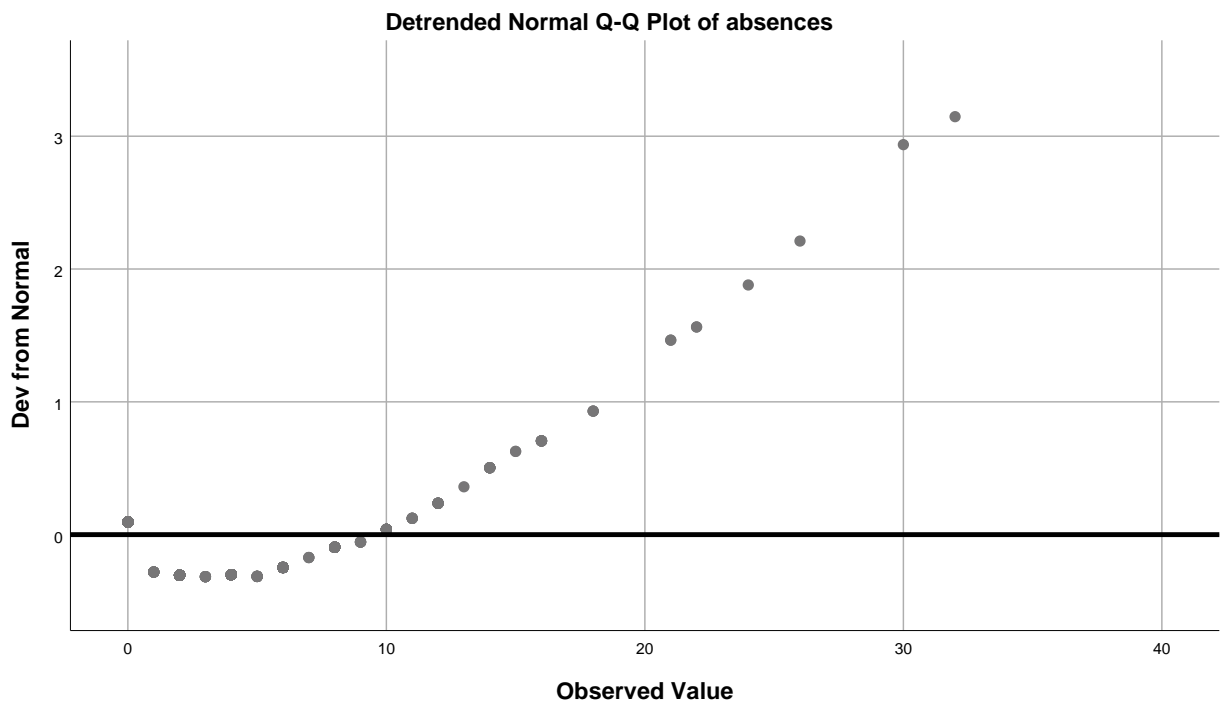
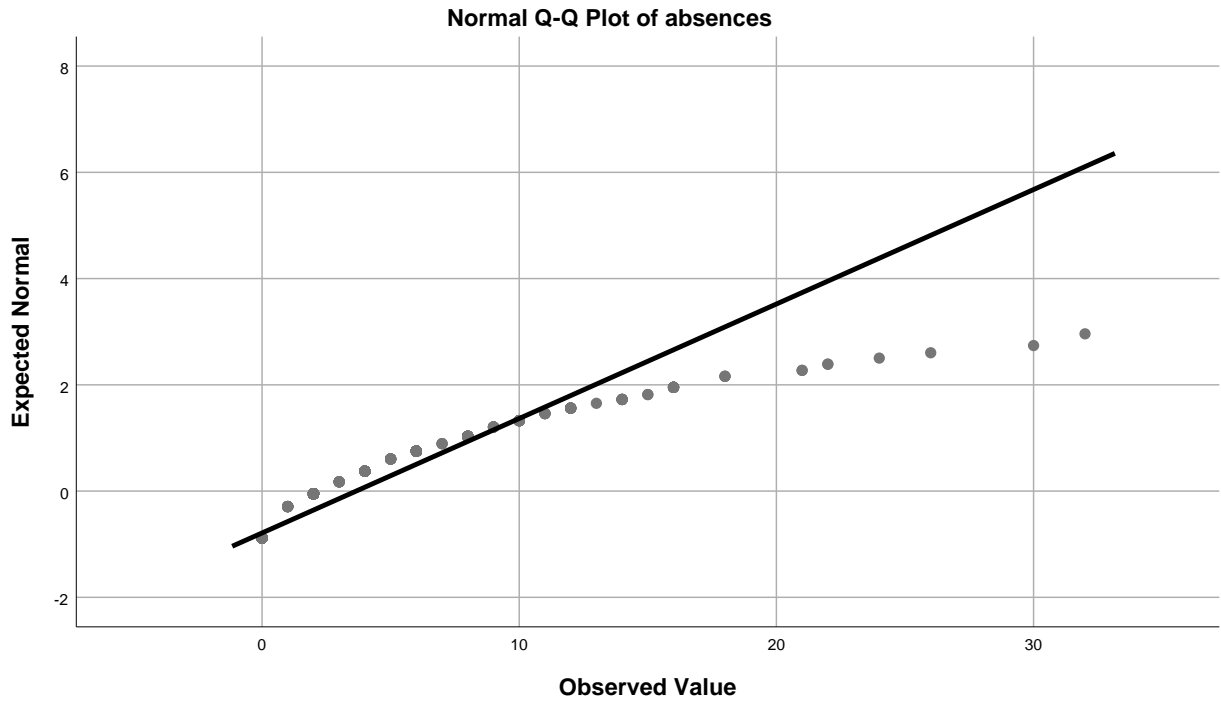


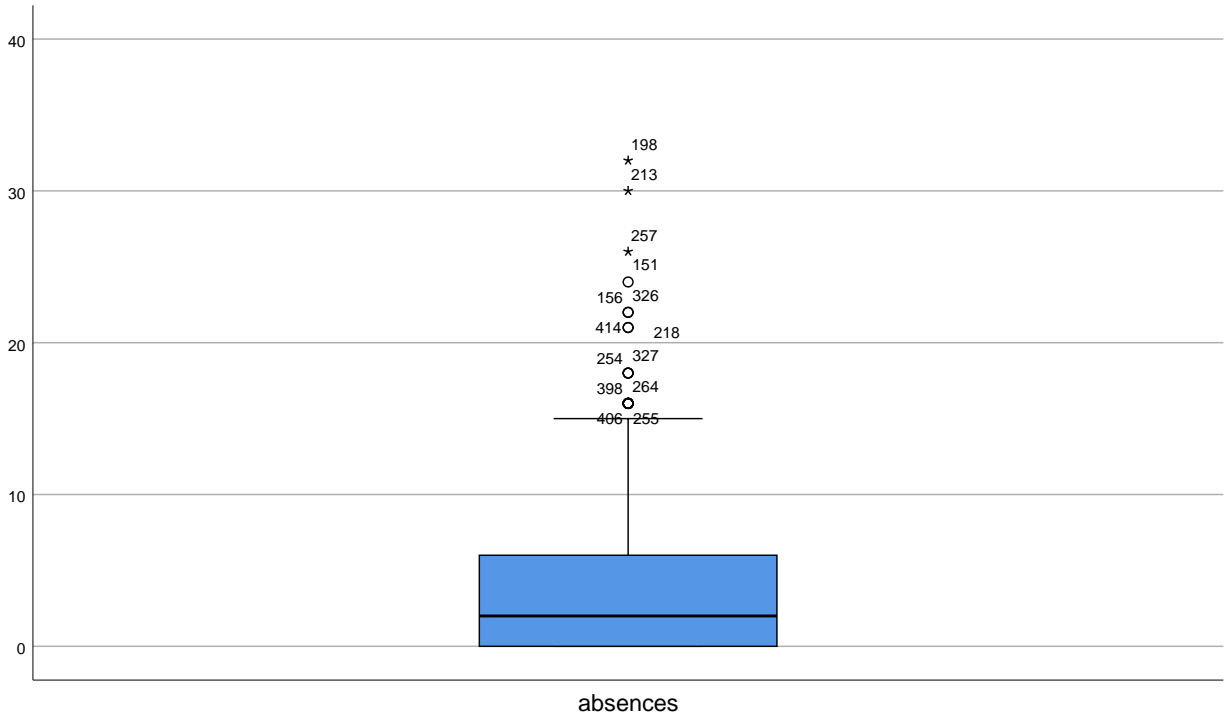












### Case Processing Summary

	sex	Valid		Cases Missing		Total	
		N	Percent	N	Percent	N	Percent
G3	F	383	100.0%	0	0.0%	383	100.0%
	M	266	100.0%	0	0.0%	266	100.0%

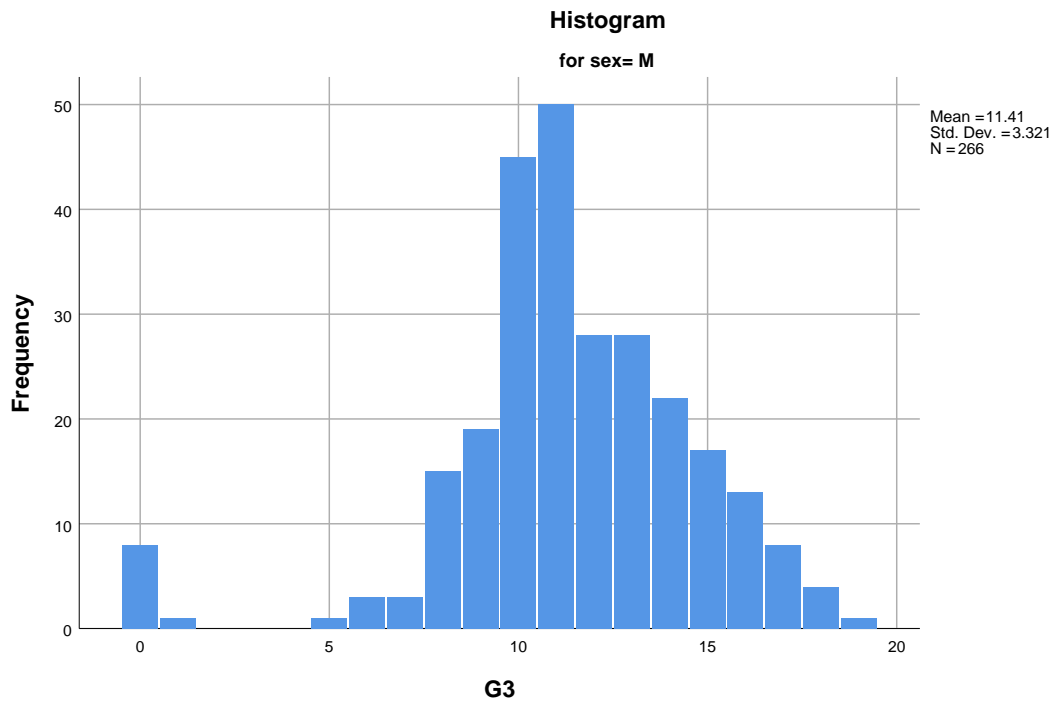
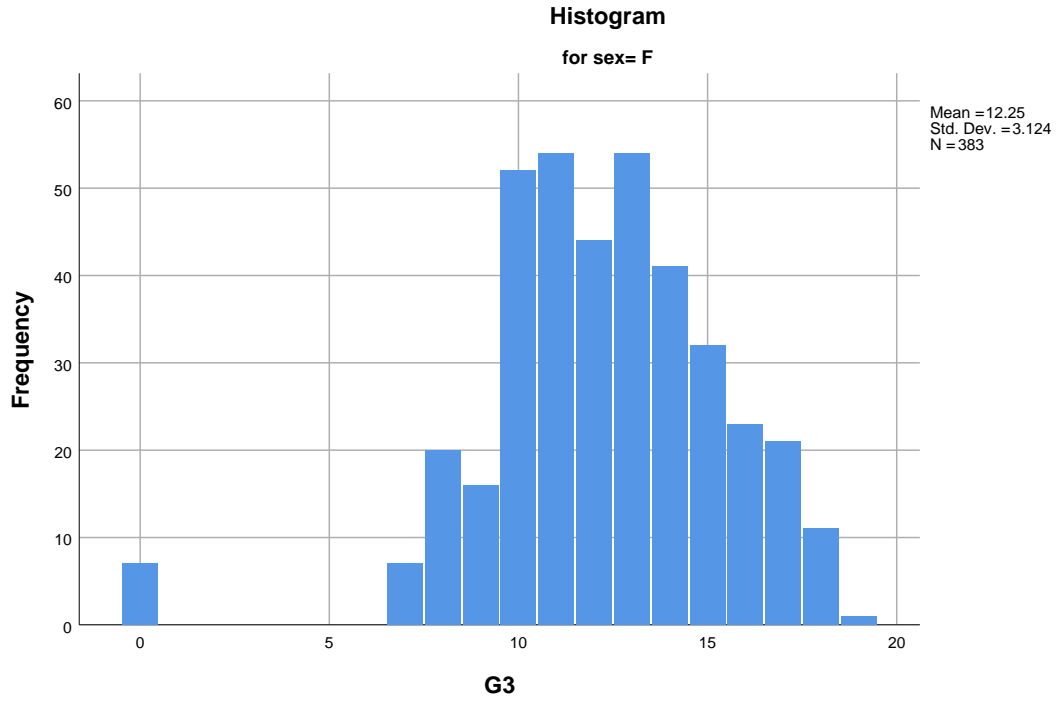
## Descriptives

sex			Statistic	Std. Error	
G3	F	Mean	12.25	.160	
		95% Confidence Interval for Mean	Lower Bound	11.94	
			Upper Bound	12.57	
		5% Trimmed Mean	12.37		
		Median	12.00		
		Variance	9.760		
		Std. Deviation	3.124		
		Minimum	0		
		Maximum	19		
		Range	19		
		Interquartile Range	4		
		Skewness	-.857	.125	
		Kurtosis	2.683	.249	
	M	Mean	11.41	.204	
		95% Confidence Interval for Mean	Lower Bound	11.01	
			Upper Bound	11.81	
		5% Trimmed Mean	11.60		
		Median	11.00		
		Variance	11.027		
		Std. Deviation	3.321		
Minimum		0			
Maximum		19			
Range		19			
Interquartile Range	3				
Skewness	-.980	.149			
Kurtosis	2.803	.298			

## Tests of Normality

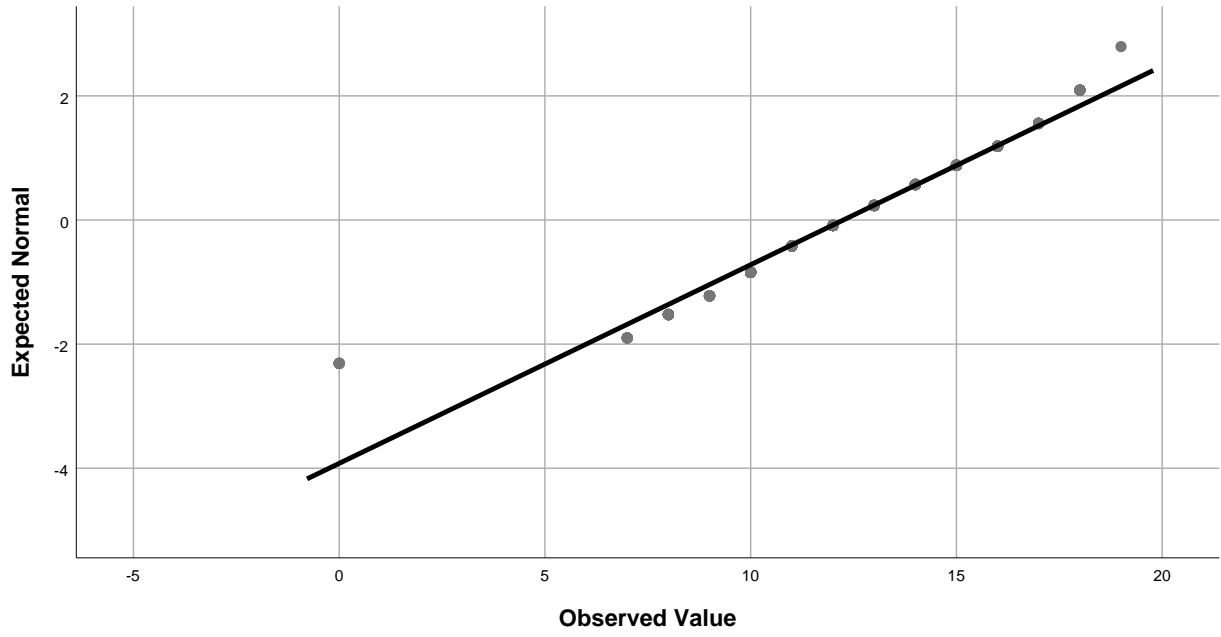
	sex	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
G3	F	.105	383	.000	.934	383	.000
	M	.148	266	.000	.913	266	.000

a. Lilliefors Significance Correction



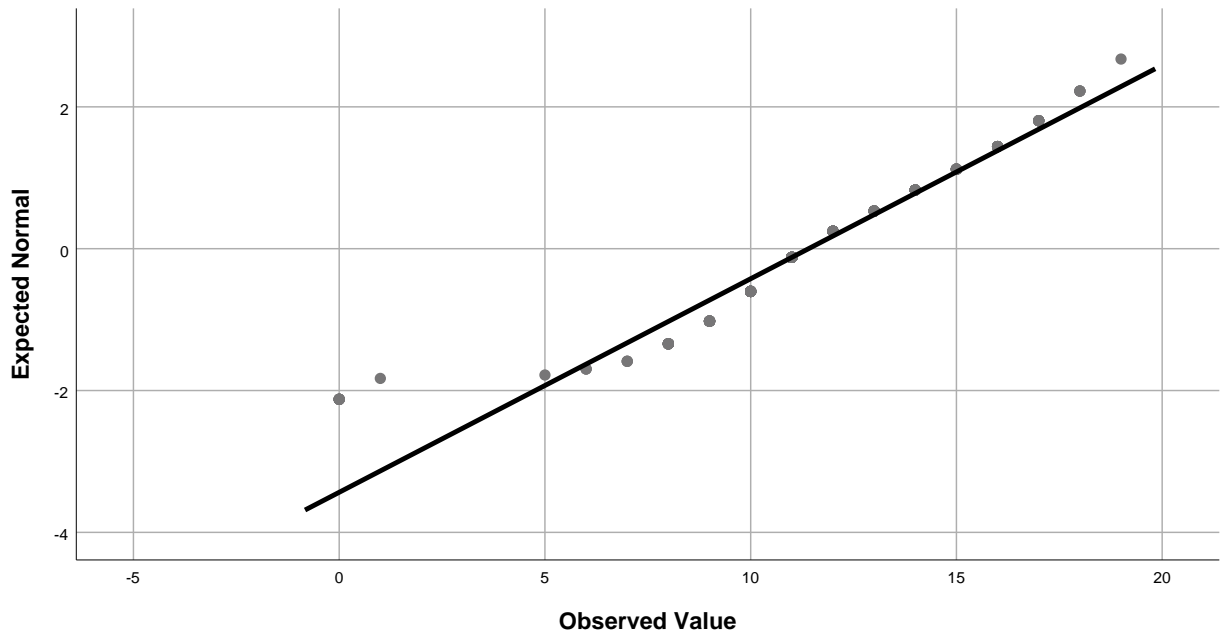
Normal Q-Q Plot of G3

for sex= F



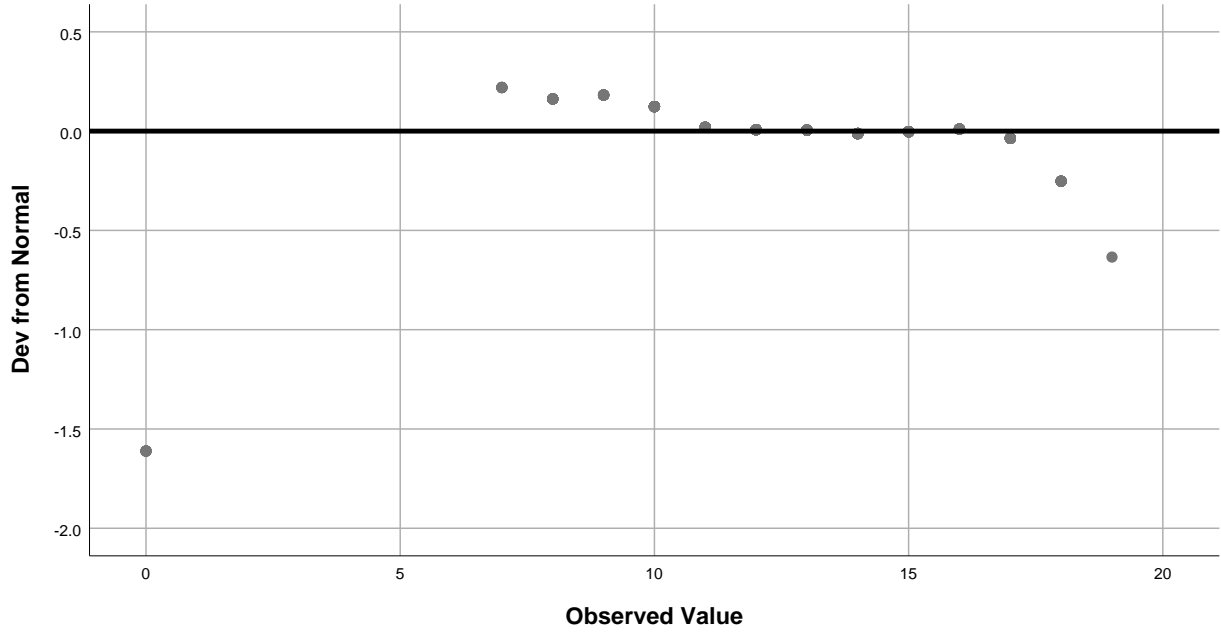
Normal Q-Q Plot of G3

for sex= M



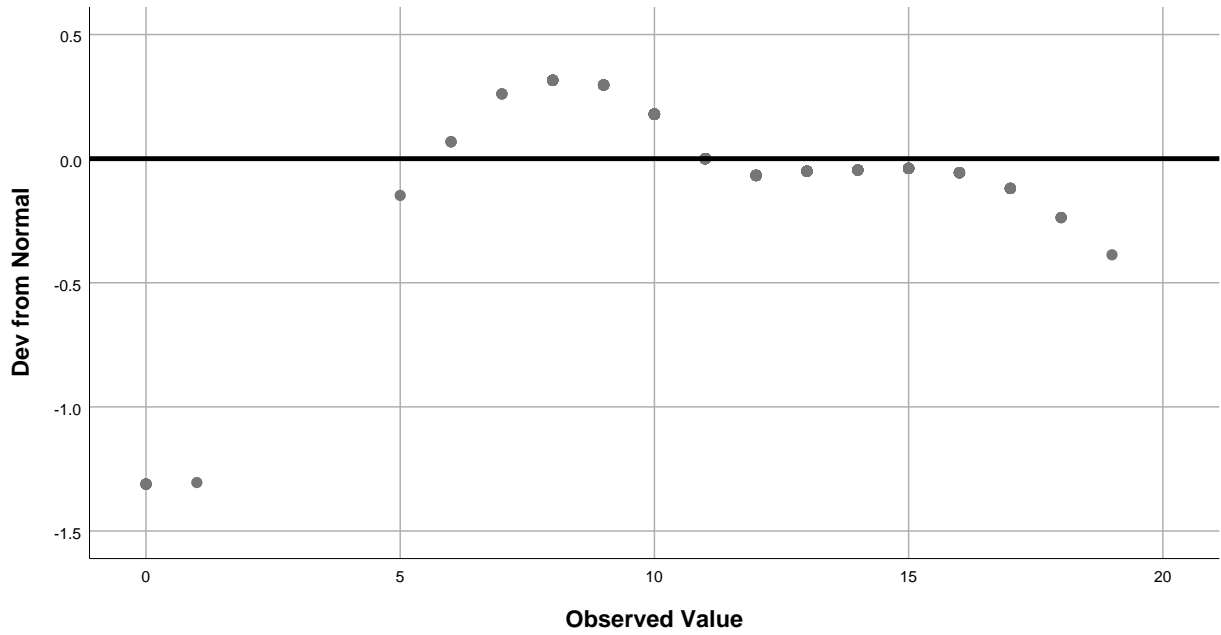
Detrended Normal Q-Q Plot of G3

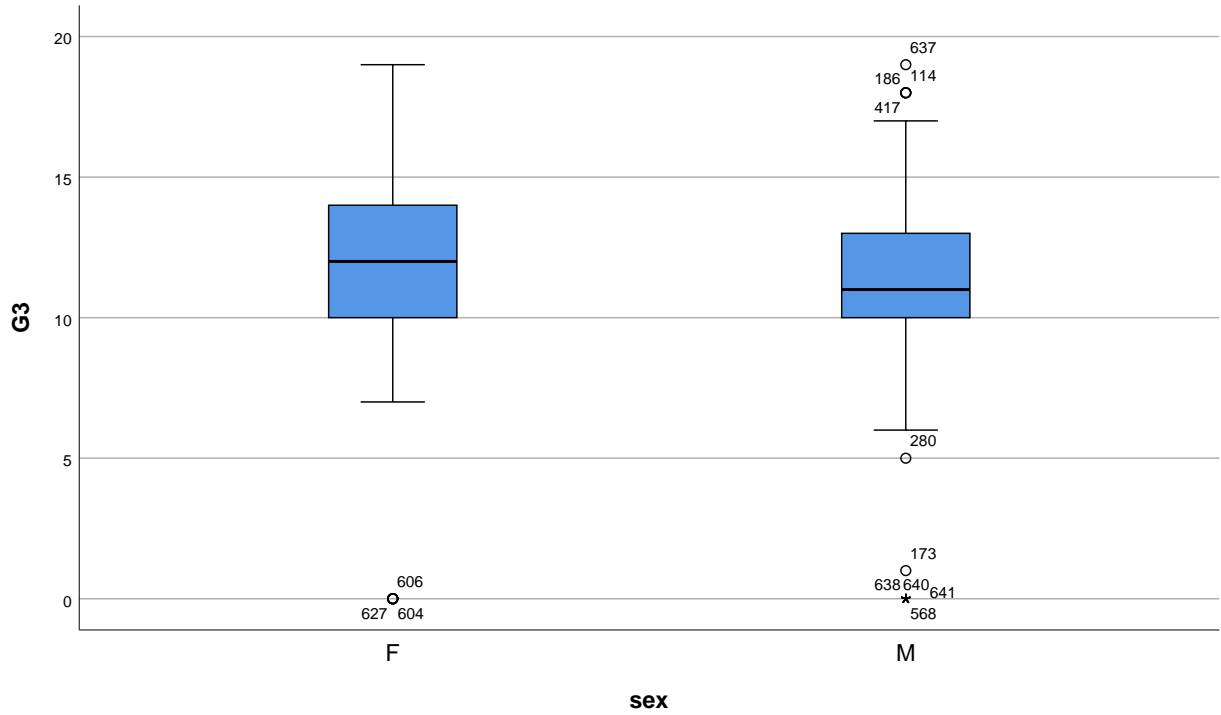
for sex= F



Detrended Normal Q-Q Plot of G3

for sex= M





### Case Processing Summary

	school	Valid		Cases Missing		Total	
		N	Percent	N	Percent	N	Percent
G3	GP	423	100.0%	0	0.0%	423	100.0%
	MS	226	100.0%	0	0.0%	226	100.0%

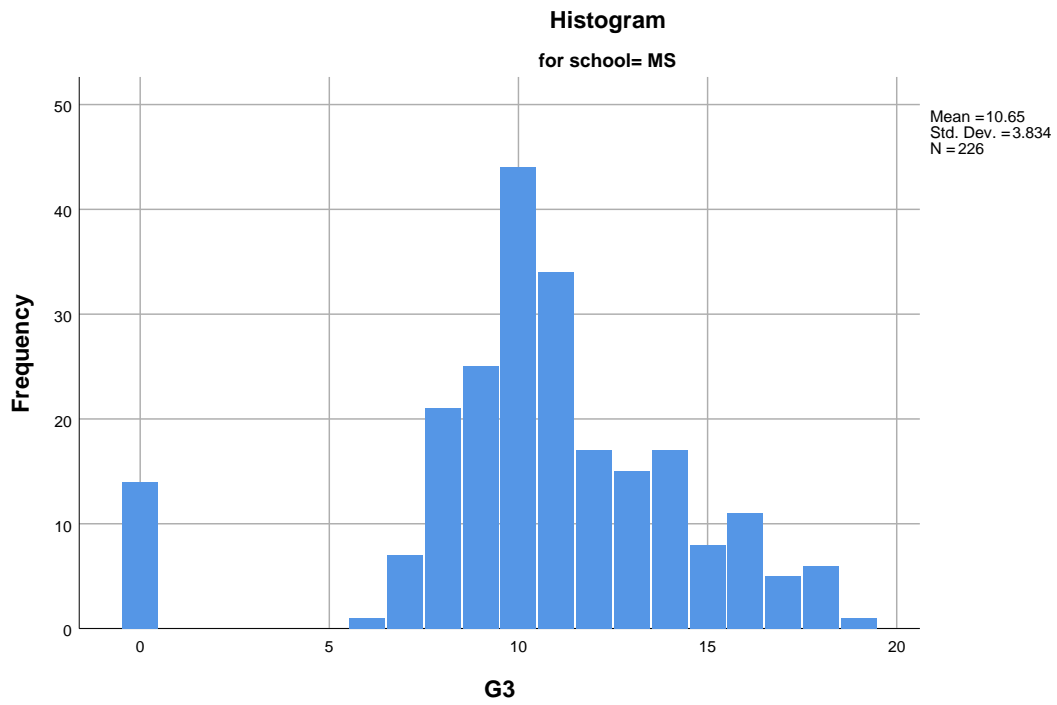
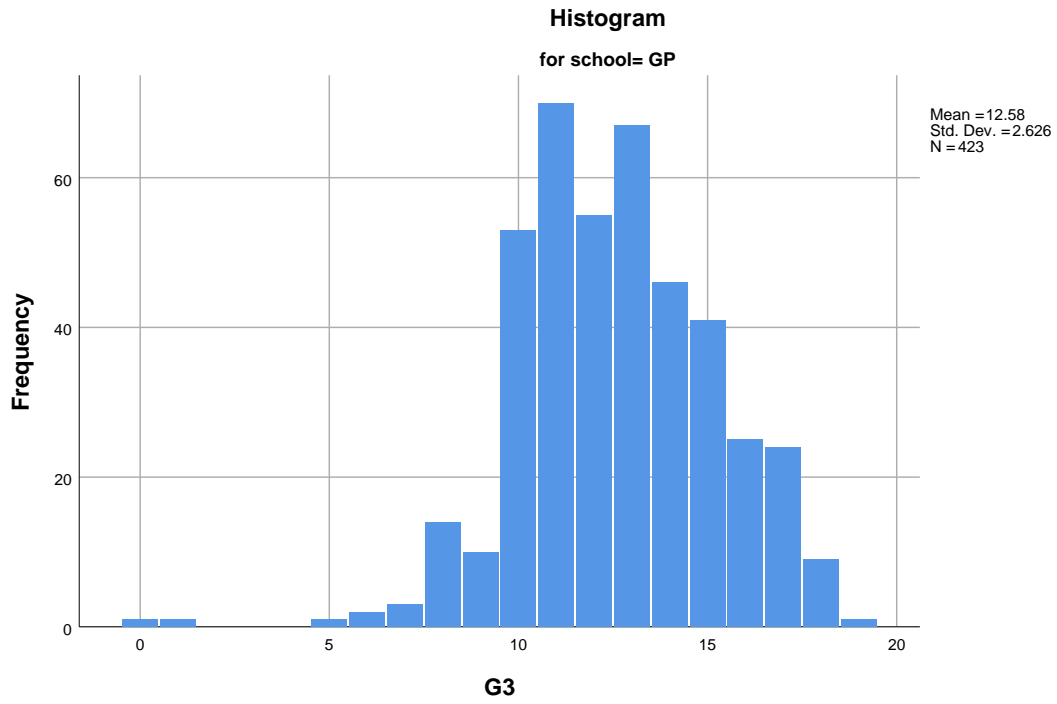
## Descriptives

school			Statistic	Std. Error	
G3	GP	Mean	12.58	.128	
		95% Confidence Interval for Mean	Lower Bound	12.33	
			Upper Bound	12.83	
		5% Trimmed Mean	12.62		
		Median	13.00		
		Variance	6.894		
		Std. Deviation	2.626		
		Minimum	0		
		Maximum	19		
		Range	19		
		Interquartile Range	3		
		Skewness	-.336	.119	
		Kurtosis	1.388	.237	
	MS	Mean	10.65	.255	
		95% Confidence Interval for Mean	Lower Bound	10.15	
			Upper Bound	11.15	
		5% Trimmed Mean	10.85		
		Median	11.00		
		Variance	14.699		
		Std. Deviation	3.834		
Minimum		0			
Maximum		19			
Range		19			
Interquartile Range	4				
Skewness	-.828	.162			
Kurtosis	1.778	.322			

## Tests of Normality

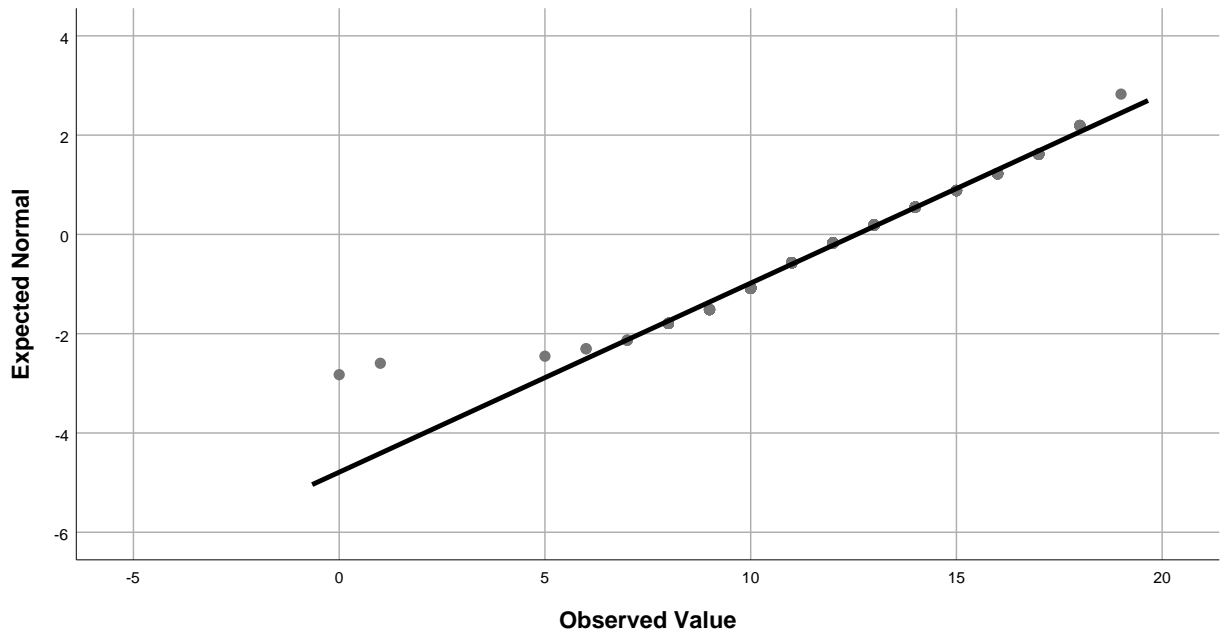
	school	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
G3	GP	.092	423	.000	.965	423	.000
	MS	.147	226	.000	.905	226	.000

a. Lilliefors Significance Correction



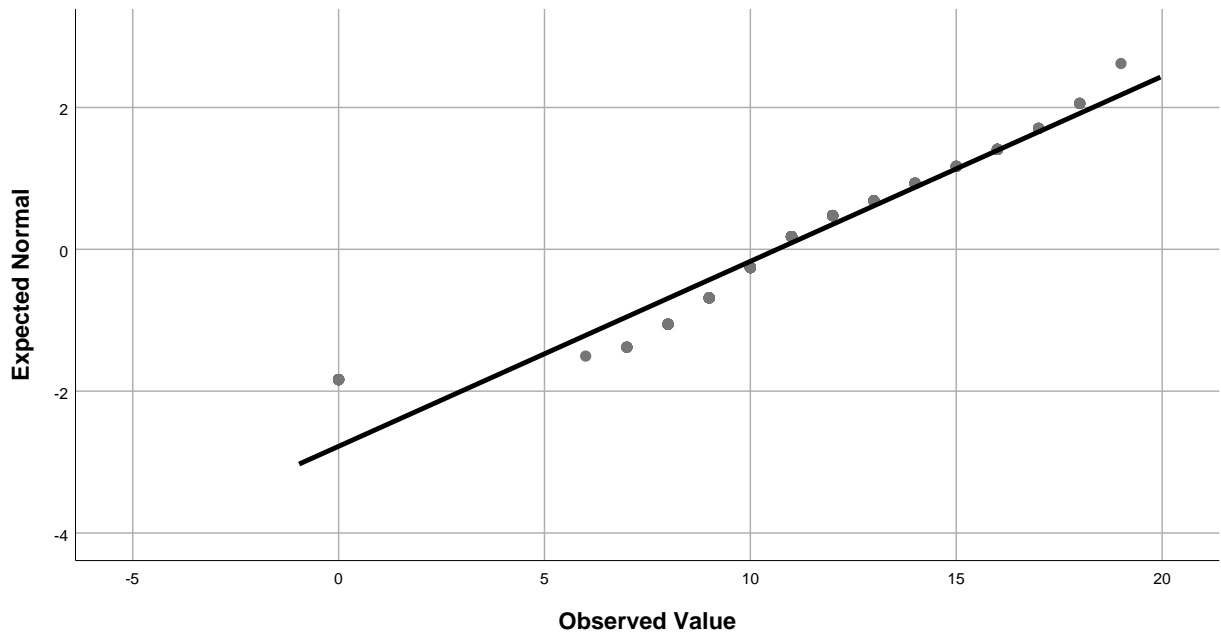
Normal Q-Q Plot of G3

for school= GP



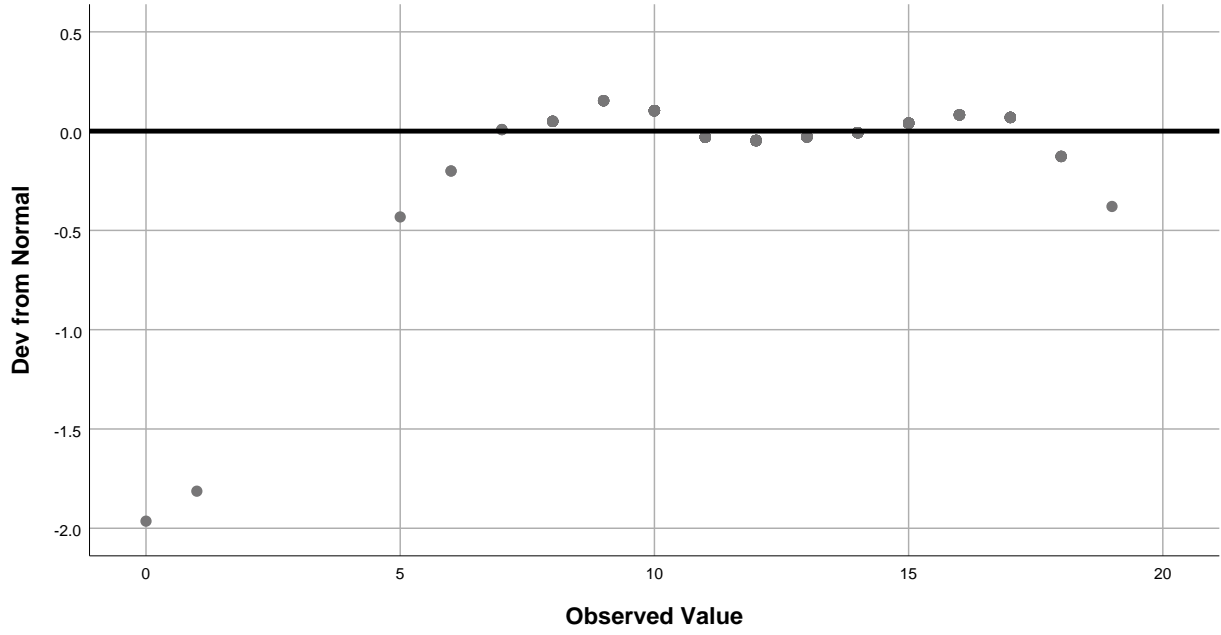
Normal Q-Q Plot of G3

for school= MS



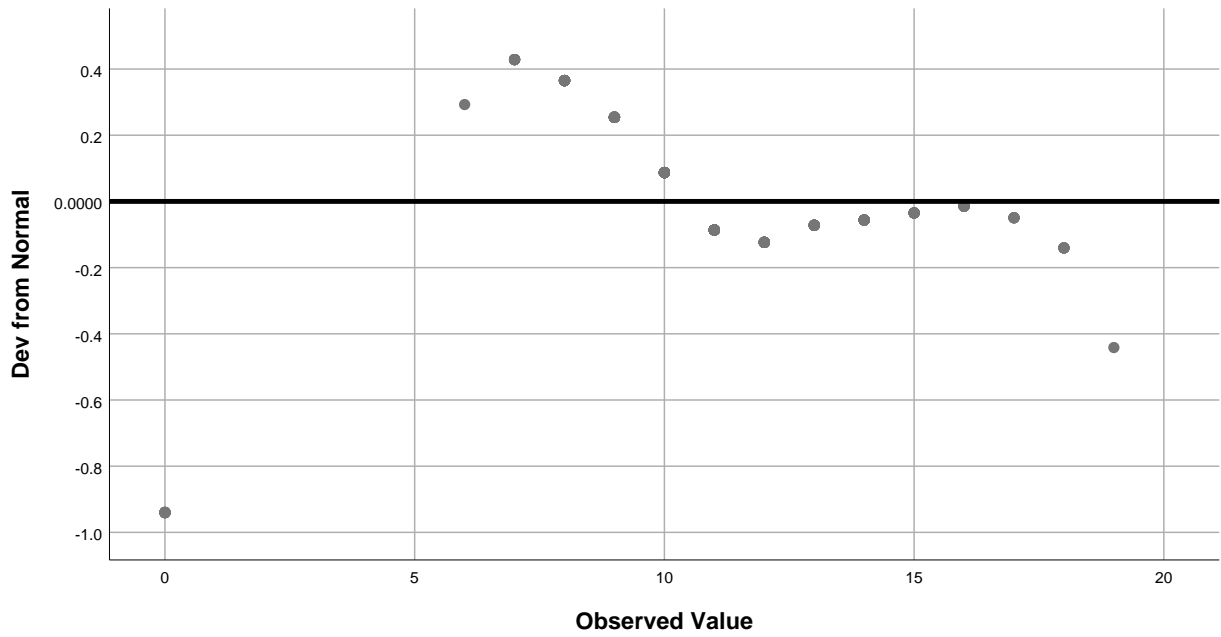
**Detrended Normal Q-Q Plot of G3**

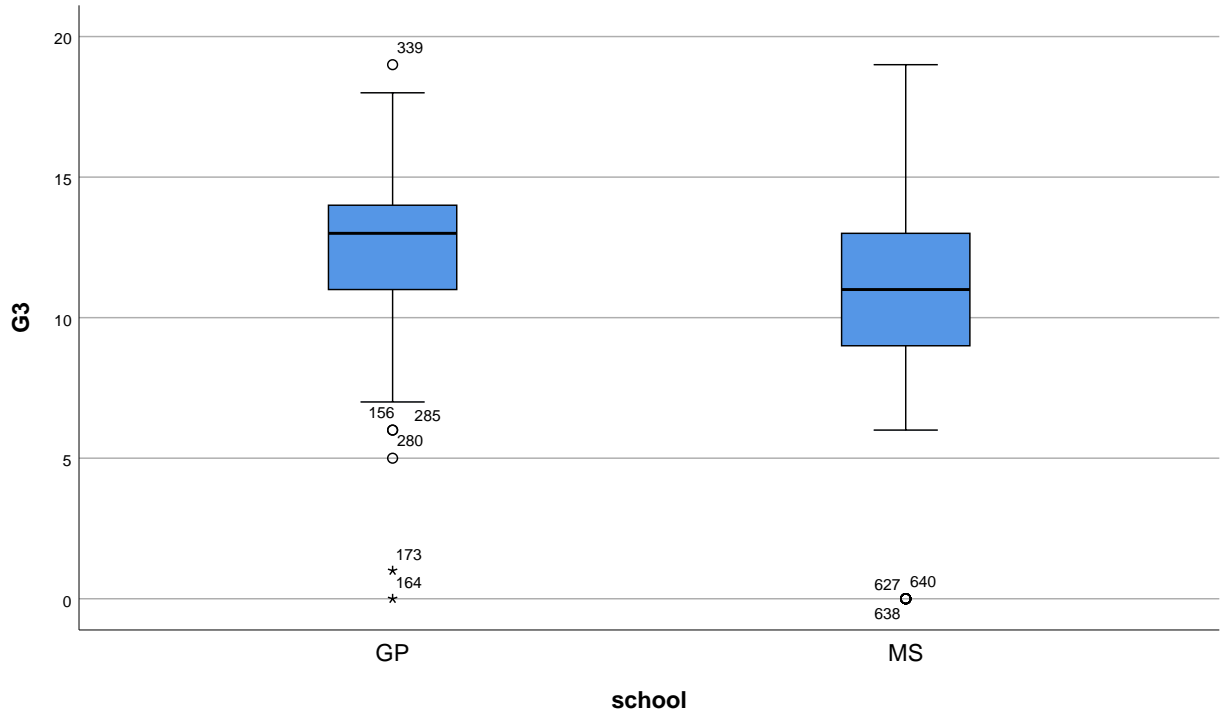
for school= GP



**Detrended Normal Q-Q Plot of G3**

for school= MS





### Descriptive Statistics

	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic	Std. Deviation Statistic	Skewness Statistic	Std. Error
G3	649	0	19	11.91	3.231	-.913	.096
Valid N (listwise)	649						

### Descriptive Statistics

	Kurtosis*	
	Statistic	Std. Error
G3	2.712	.192
Valid N (listwise)		