

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 |

Descriptives

| | | Statistic | Std. Error | |
|----------------------------------|----------------------------------|-------------|------------|------|
| G1 | Kurtosis | 1.662 | .192 | |
| | 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 | | |
| | 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 | | |

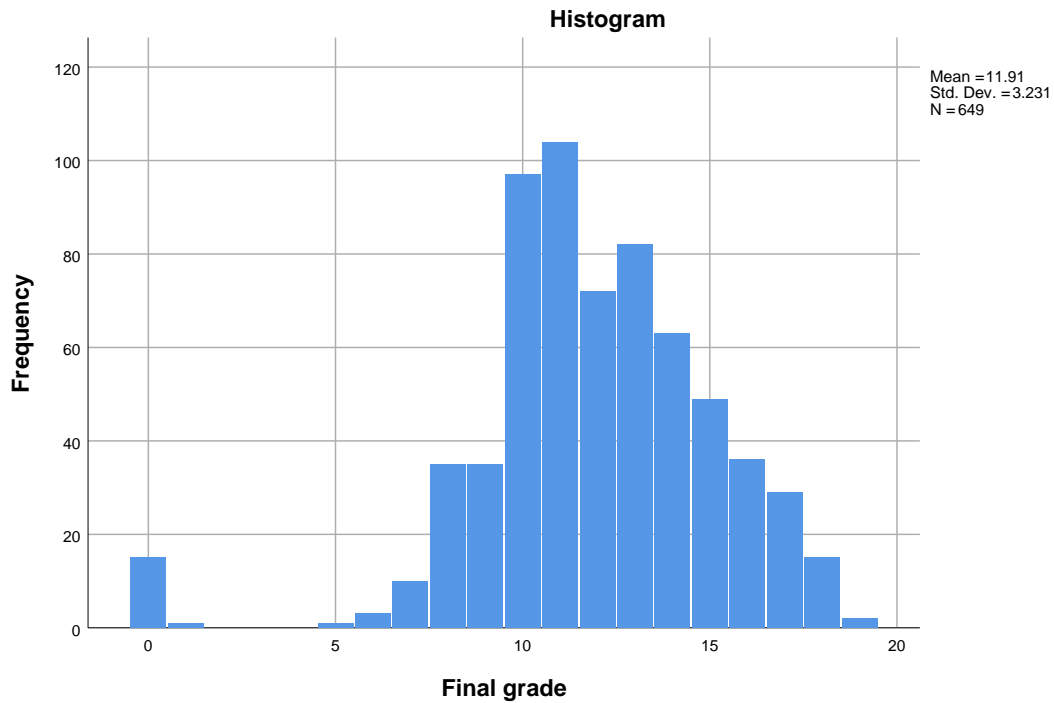
Descriptives

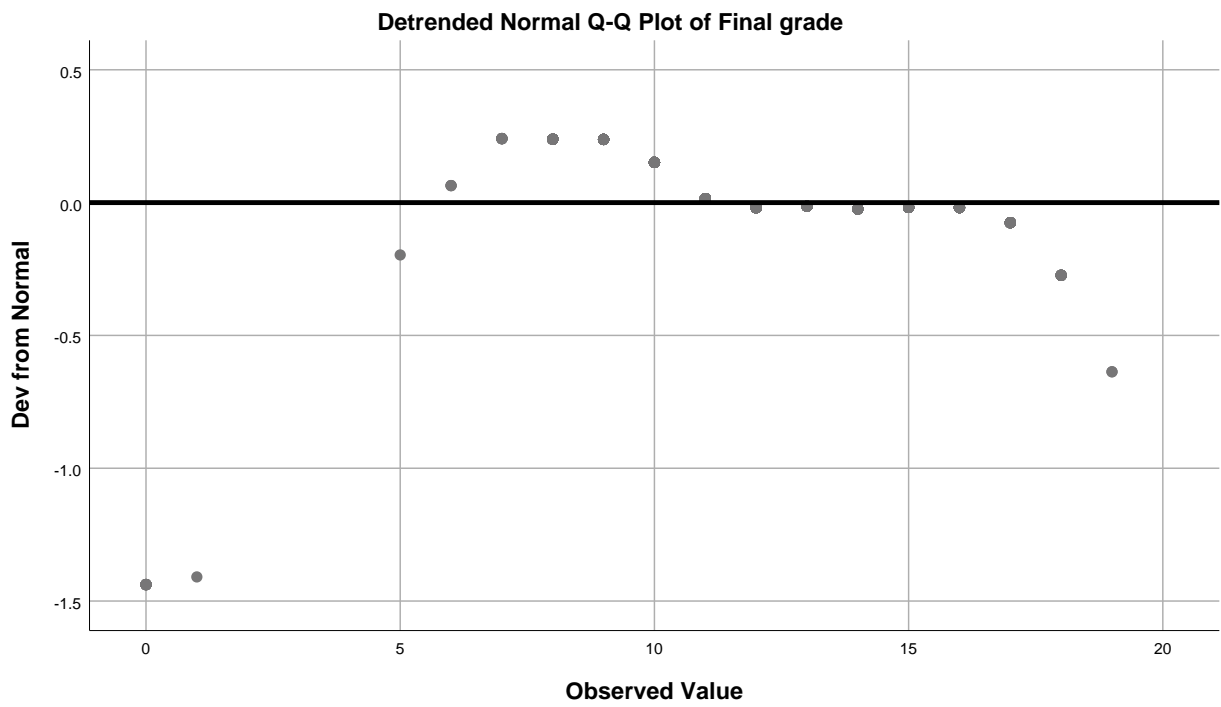
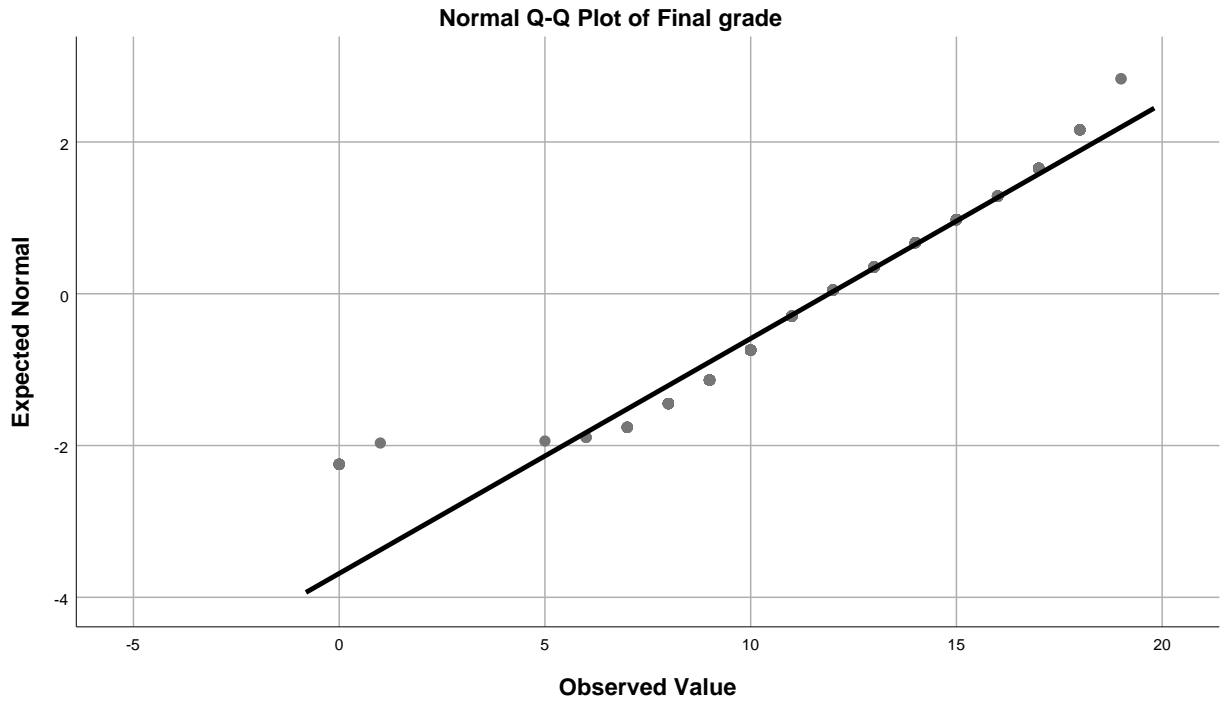
| | Statistic | Std. Error |
|---------------------|-----------|------------|
| Maximum | 32 | |
| Range | 32 | |
| Interquartile Range | 6 | |
| Skewness | 2.021 | .096 |
| Kurtosis | 5.781 | .192 |

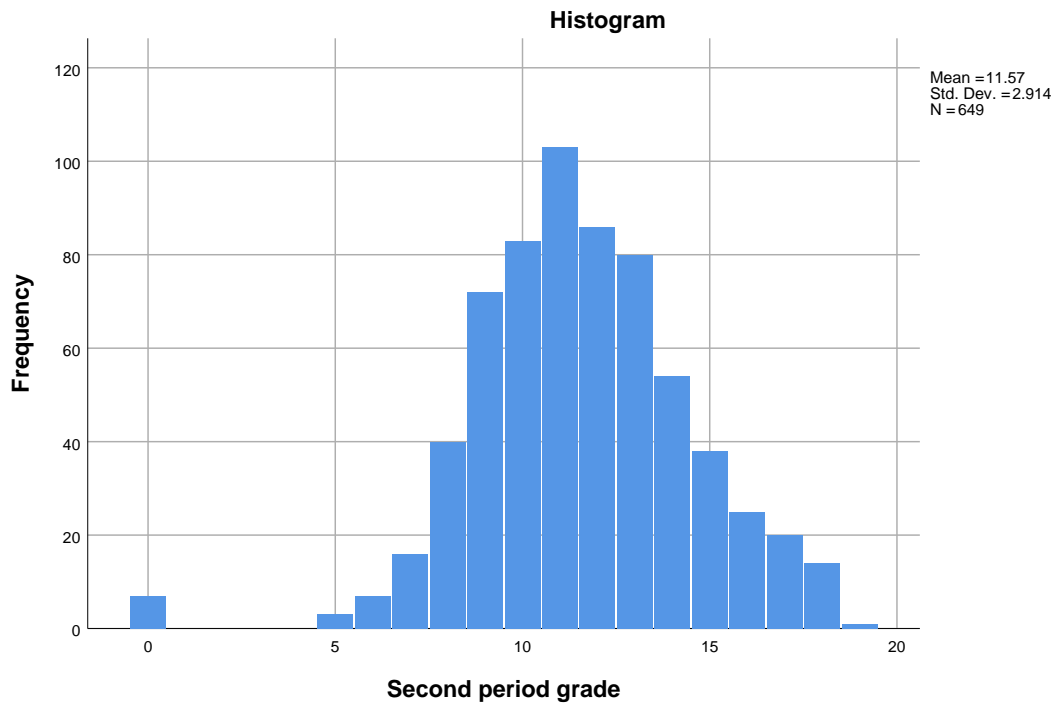
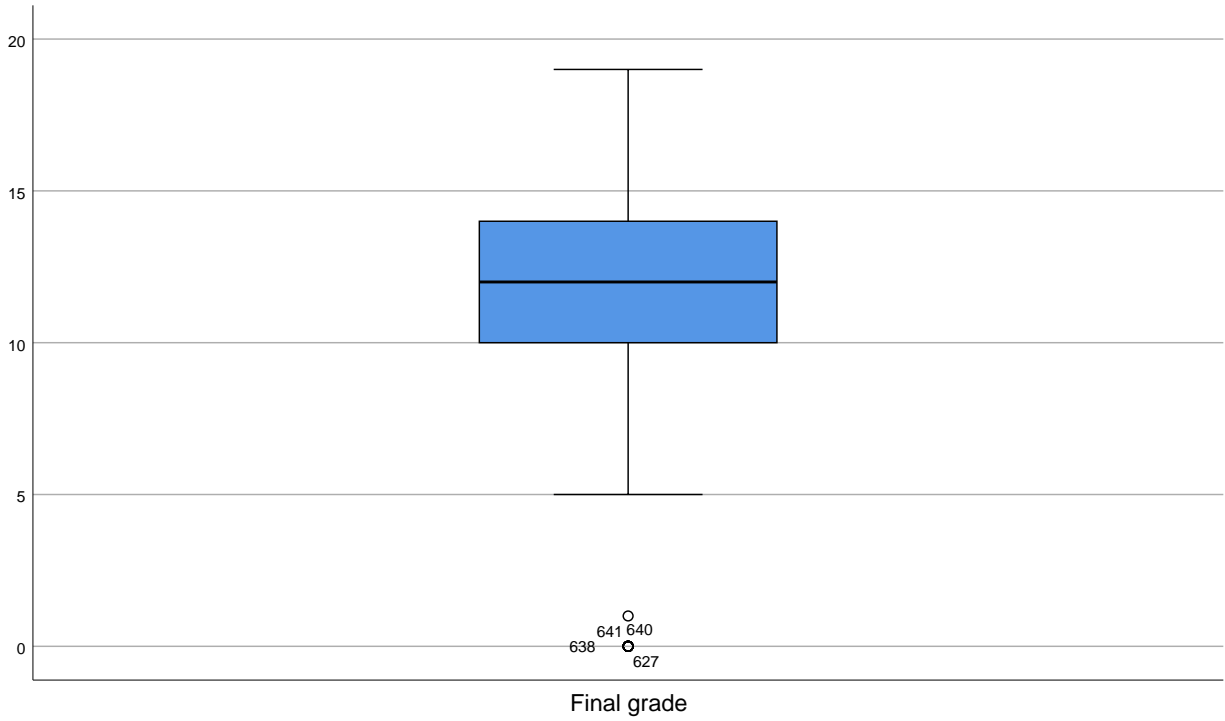
Tests of Normality

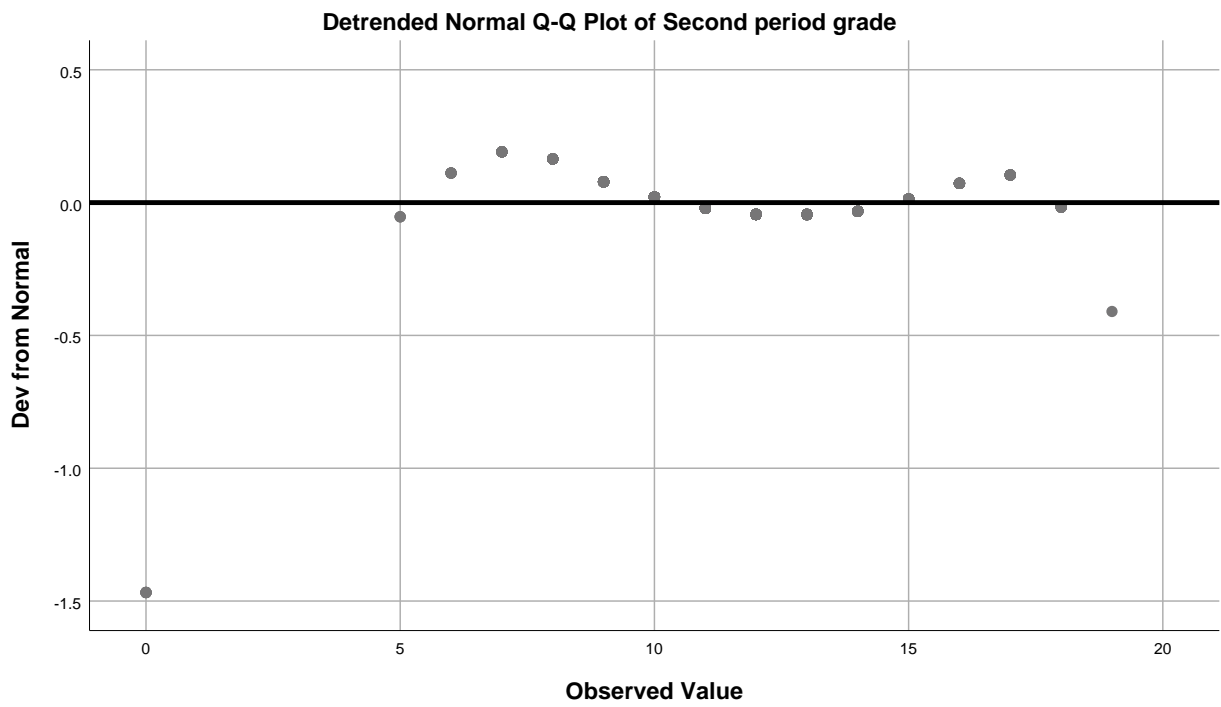
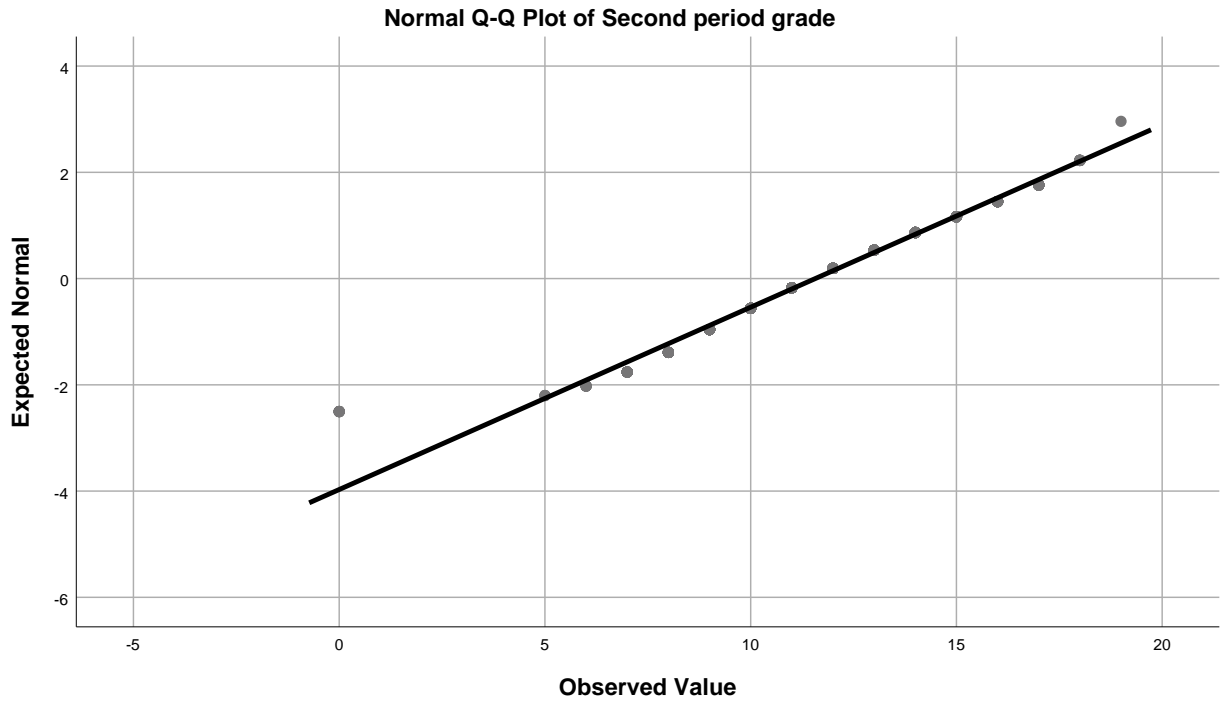
| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----------|---------------------------------|-----|------|--------------|-----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| G3 | .124 | 649 | .000 | .926 | 649 | .000 |
| G2 | .088 | 649 | .000 | .962 | 649 | .000 |
| G1 | .086 | 649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

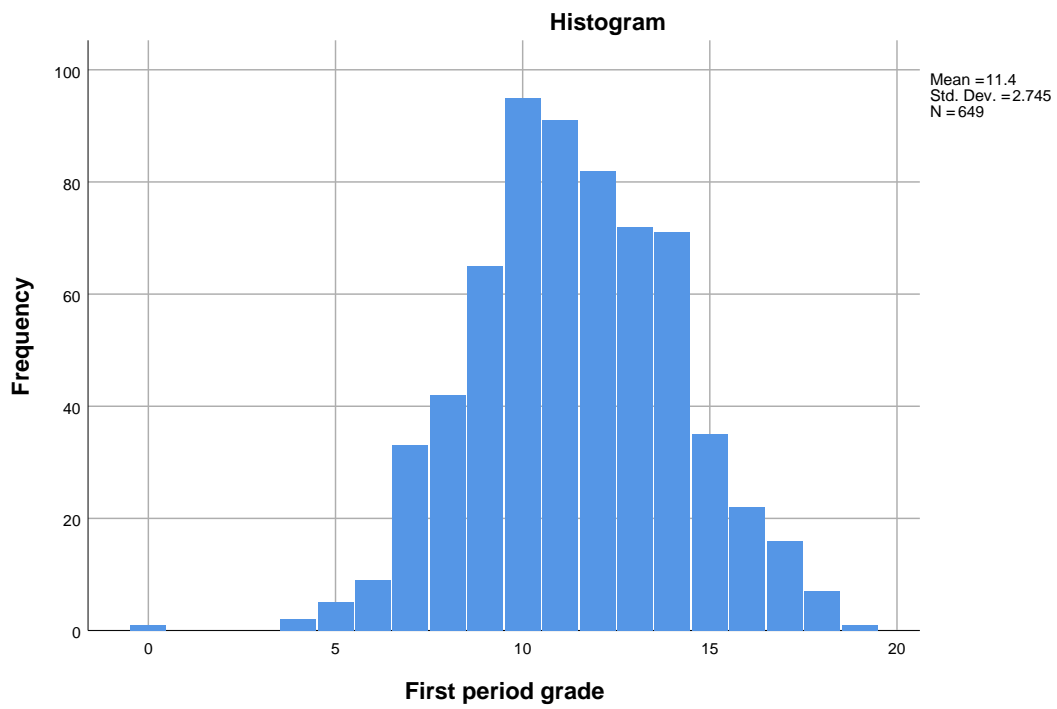
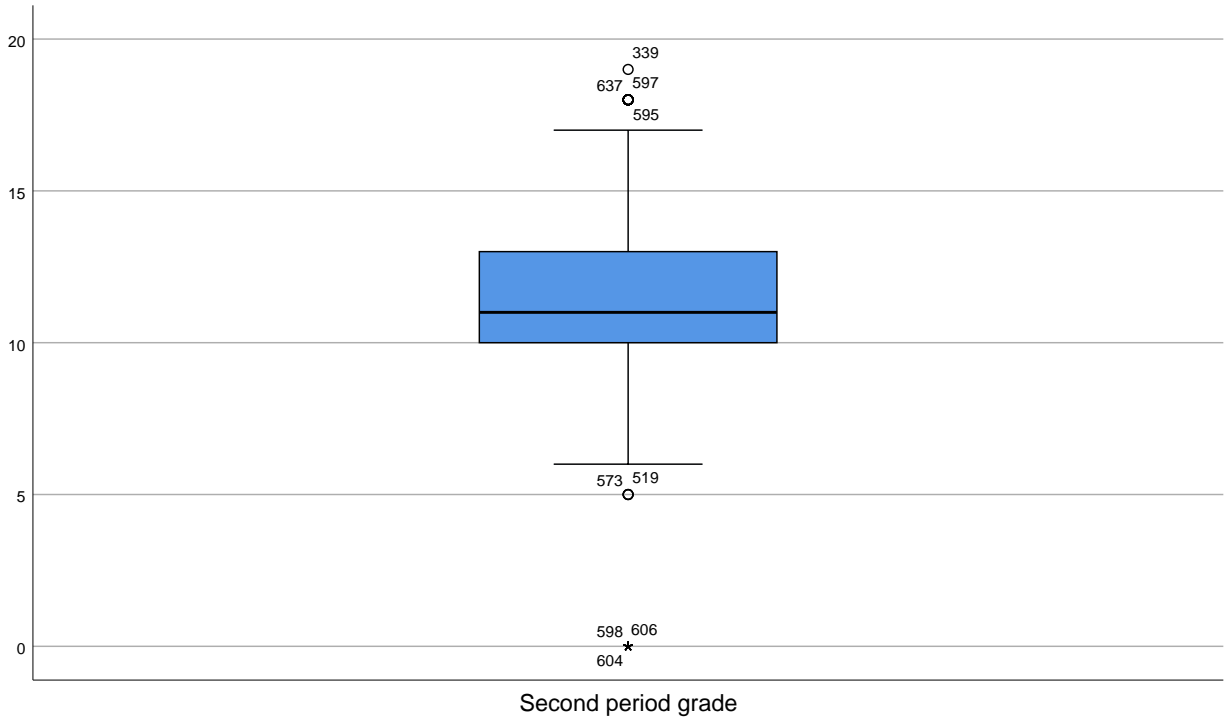
a. Lilliefors Significance Correction

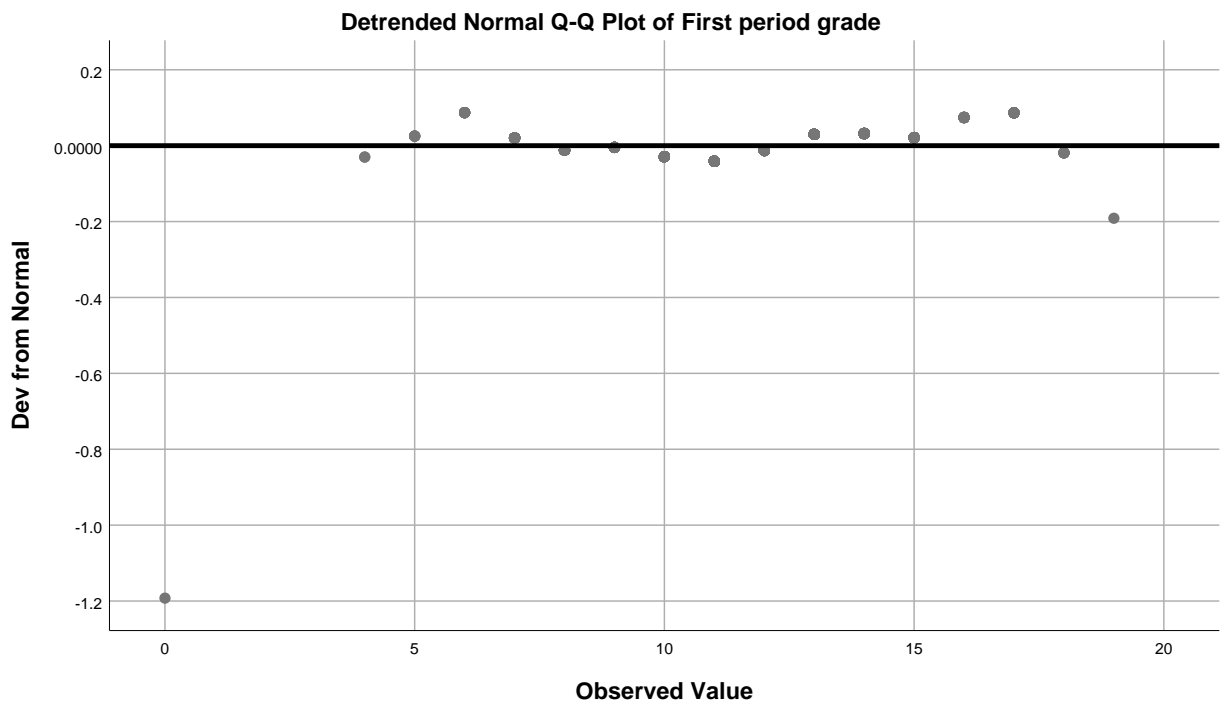
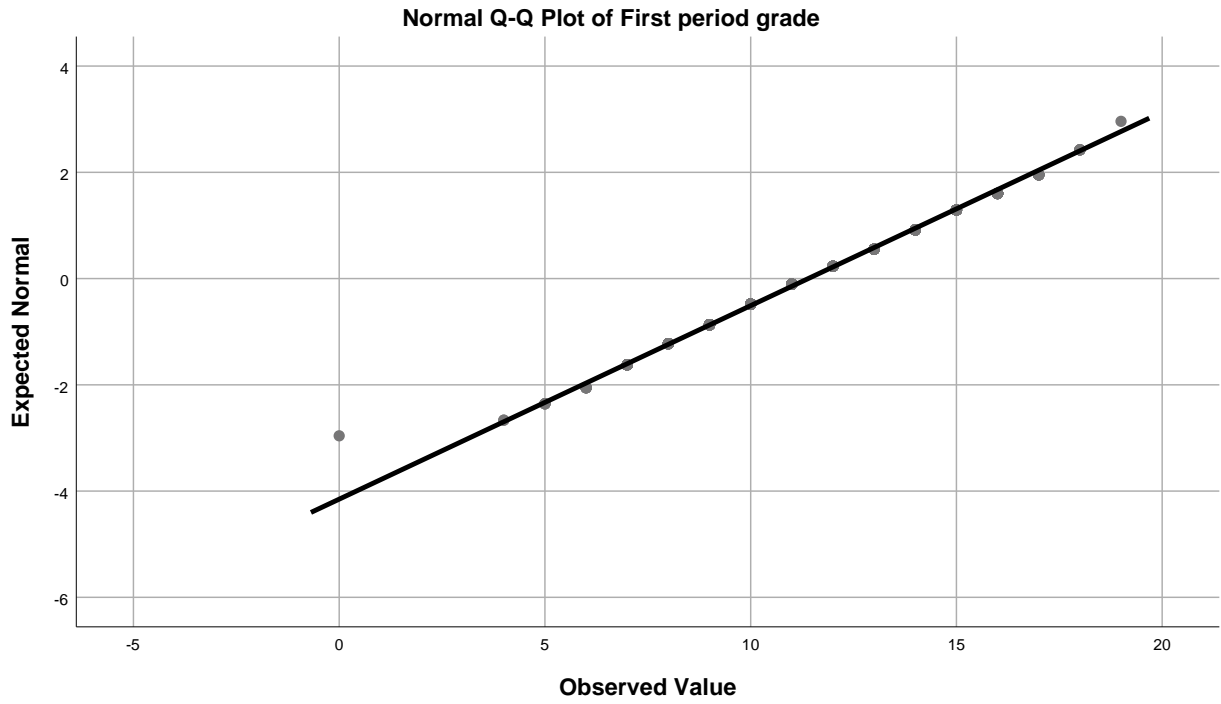


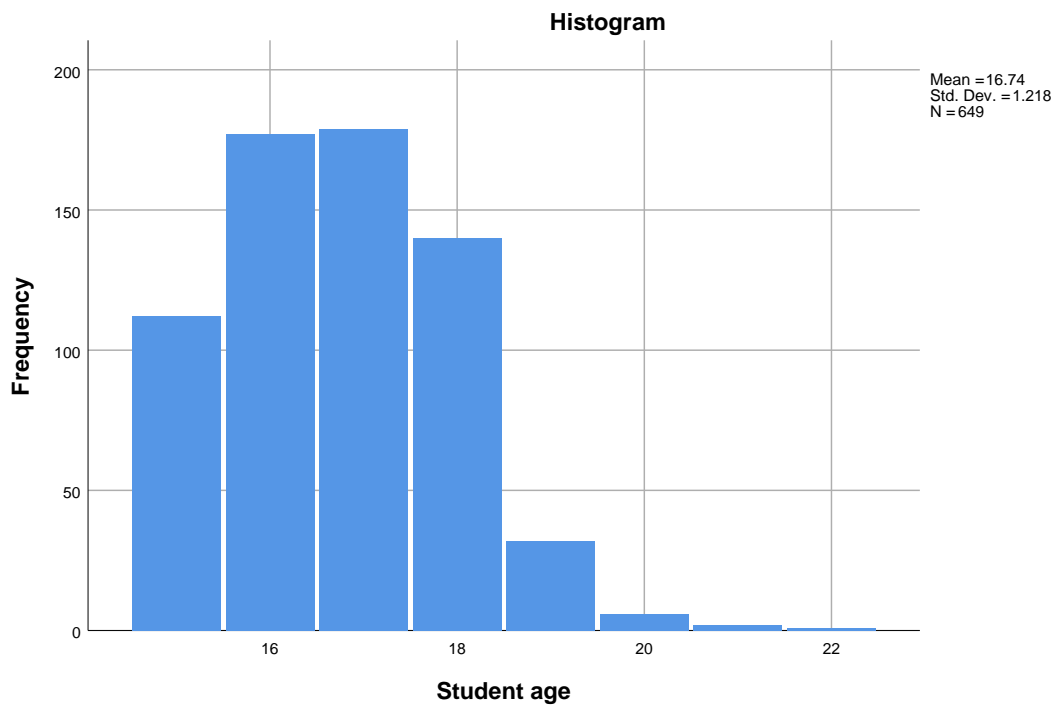
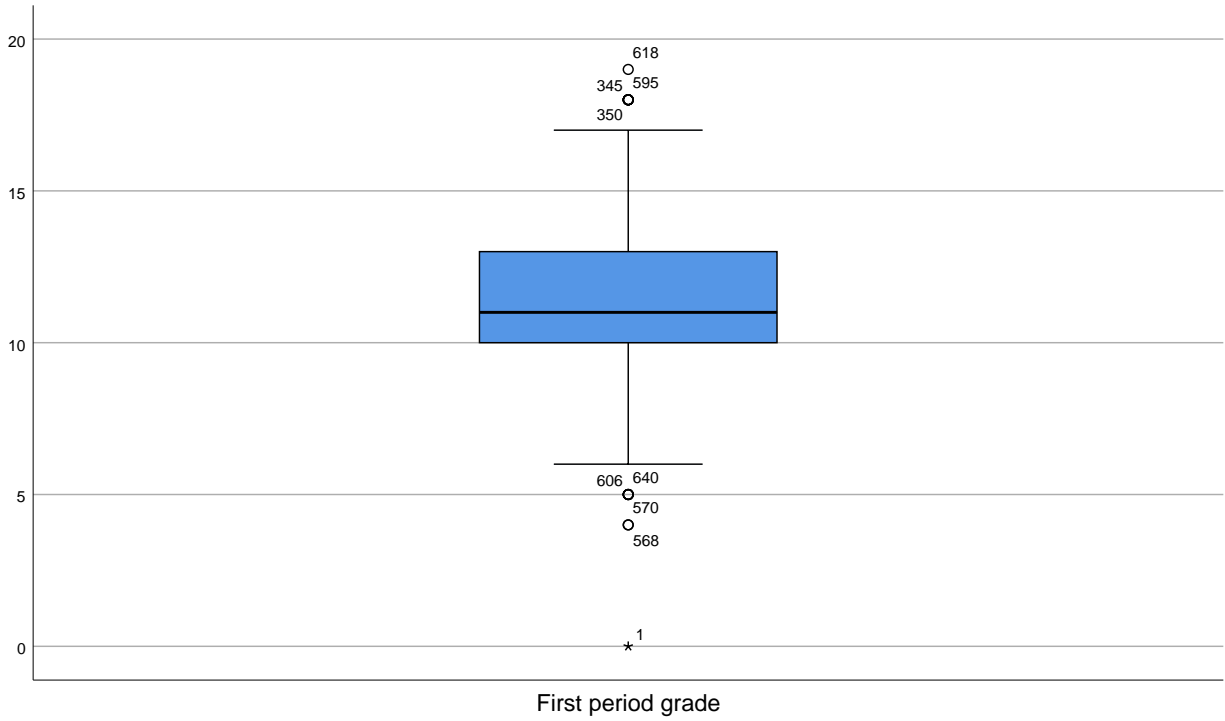


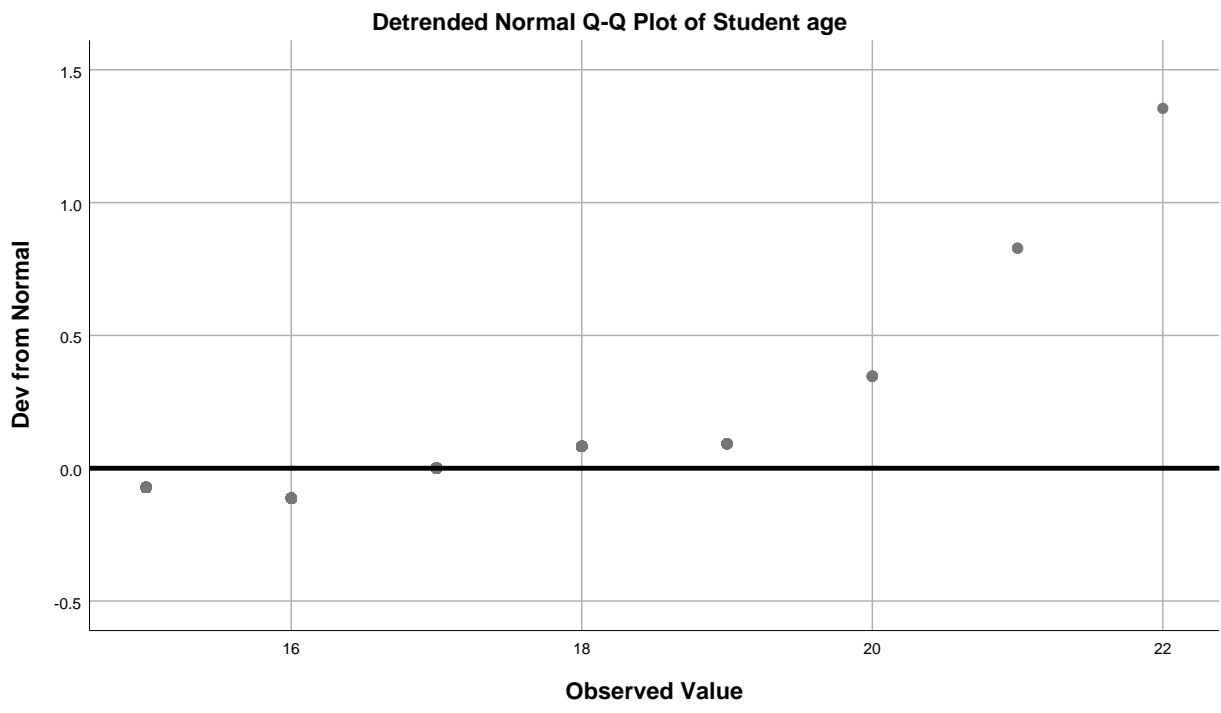
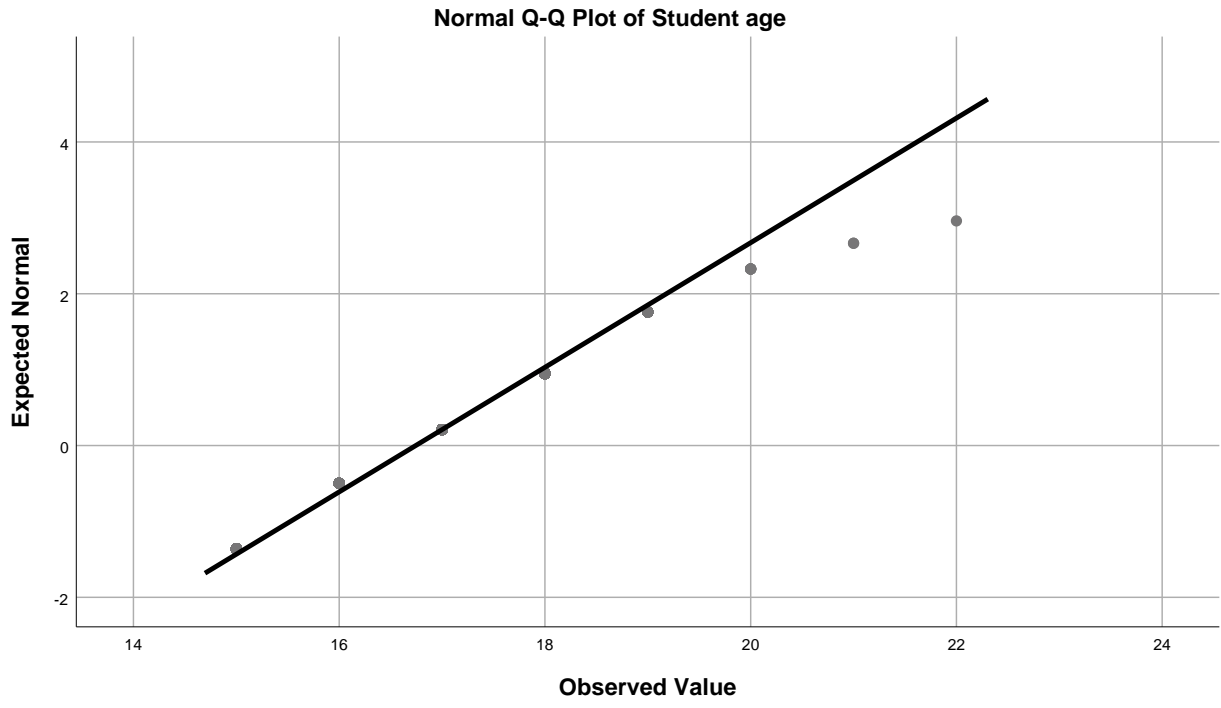


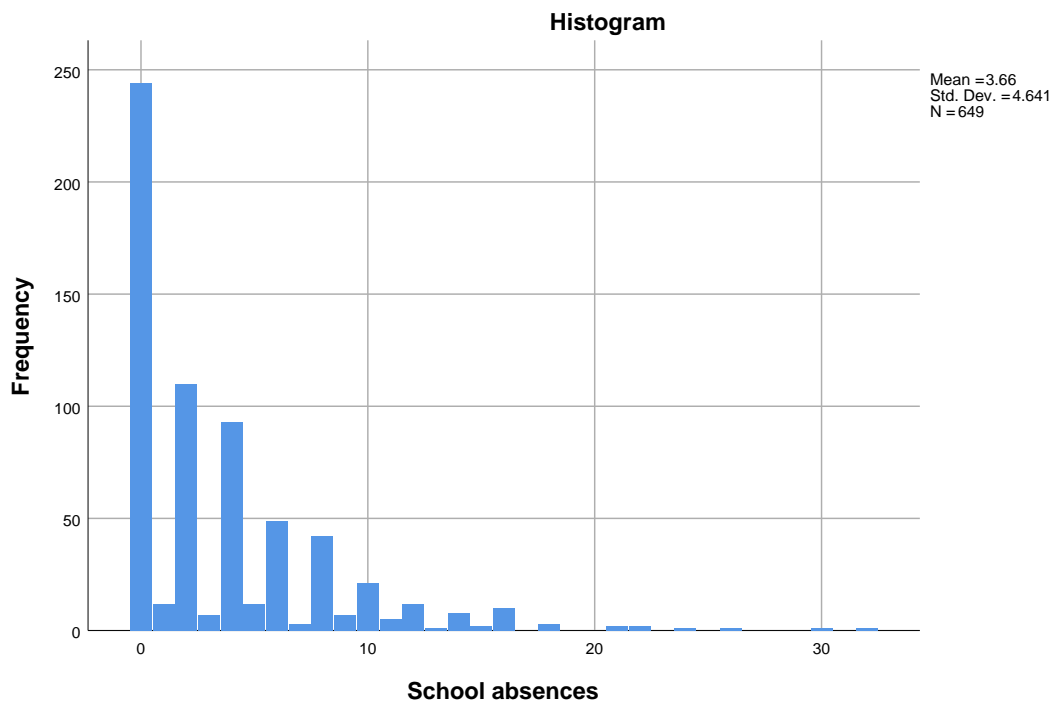
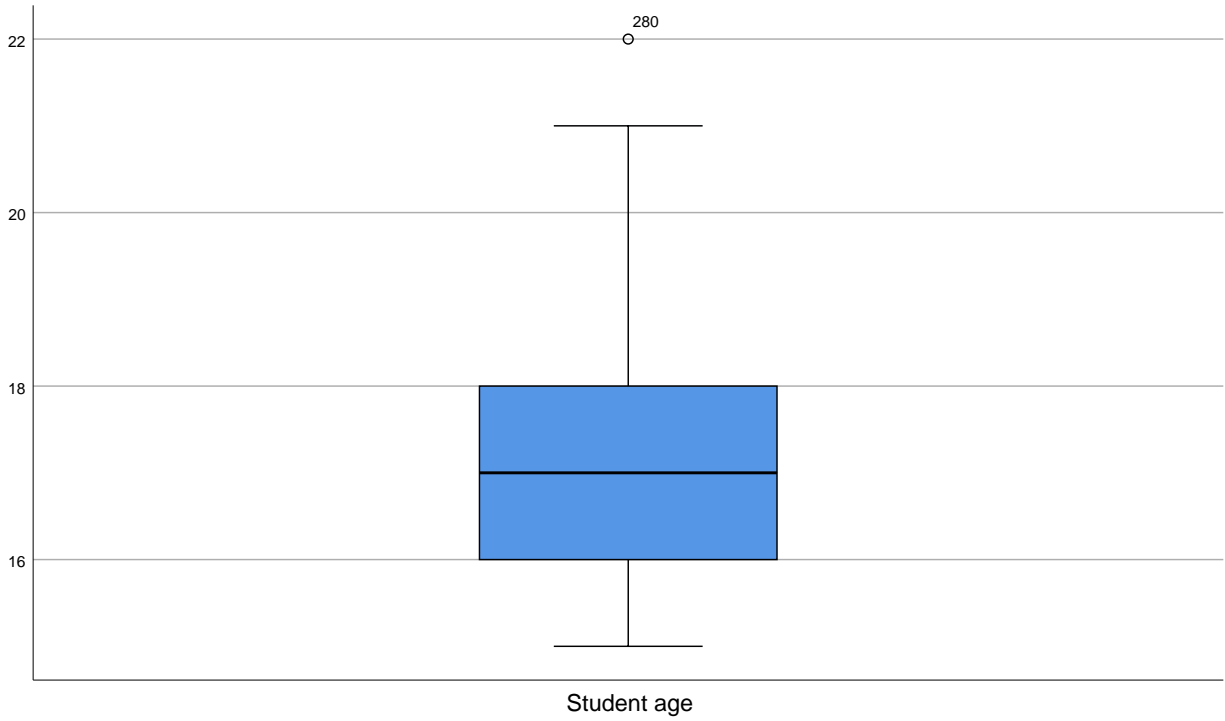


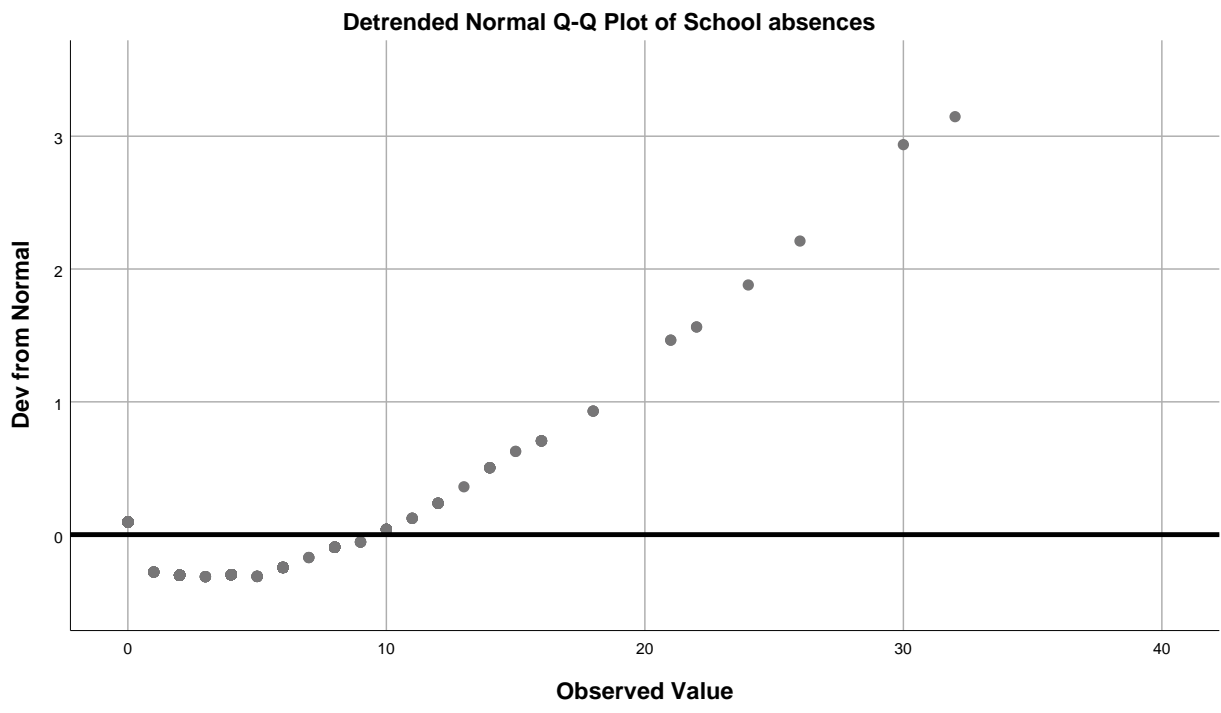
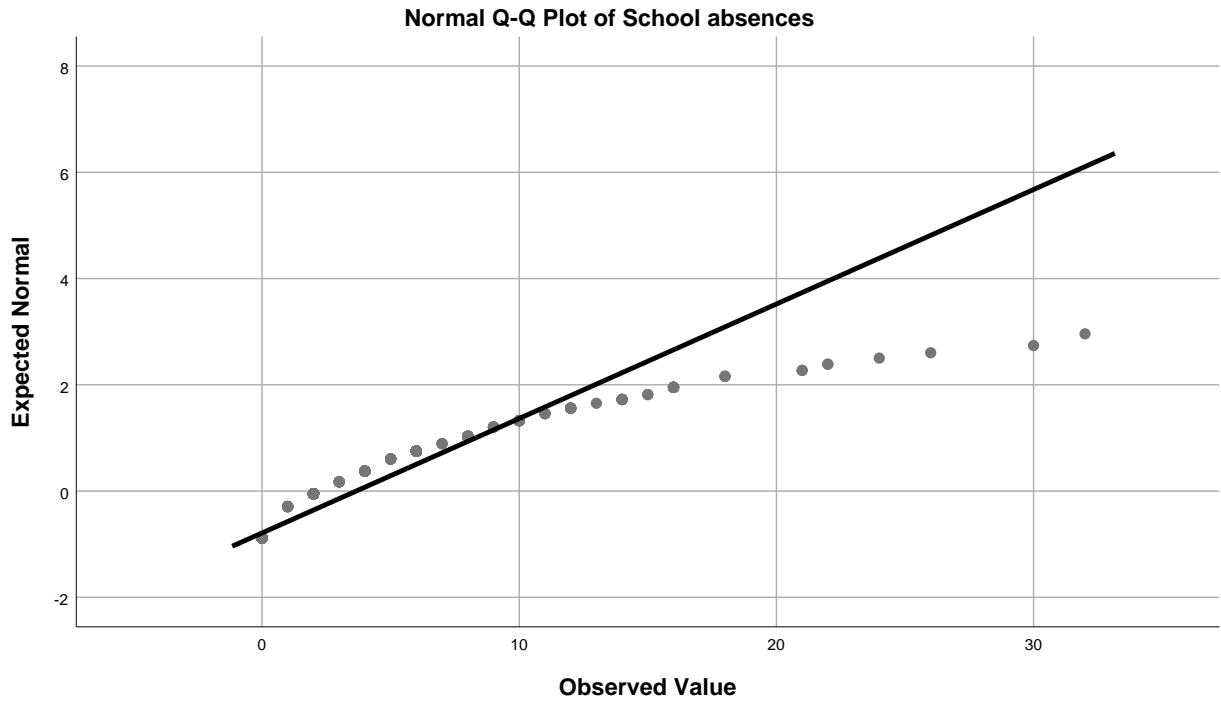


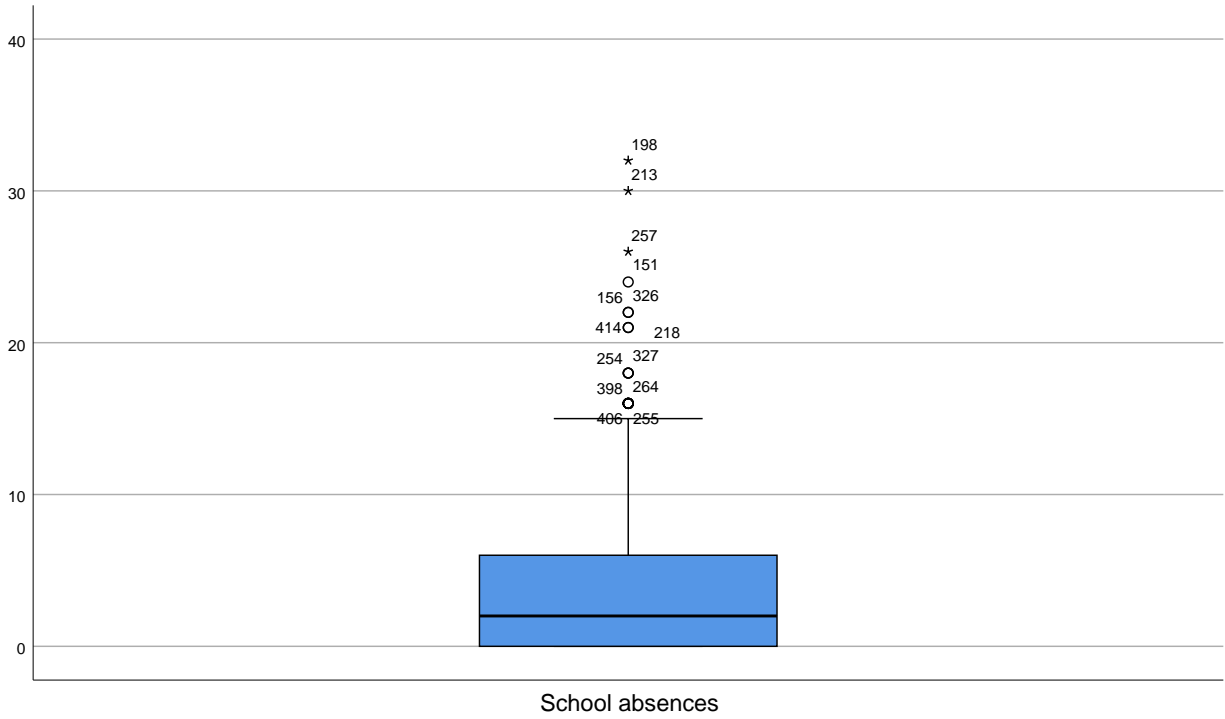












Correlations

| | | G3 | rj_normal_score |
|-----------------|---------------------|--------|-----------------|
| G3 | Pearson Correlation | 1 | .962** |
| | Sig. (2-tailed) | | .000 |
| | N | 649 | 649 |
| rj_normal_score | Pearson Correlation | .962** | 1 |
| | Sig. (2-tailed) | .000 | |
| | N | 649 | 649 |

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

Case Processing Summary

| | | Valid | | Cases Missing | | Total | |
|-----|---|-------|---------|---------------|---------|-------|---------|
| sex | | 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% |

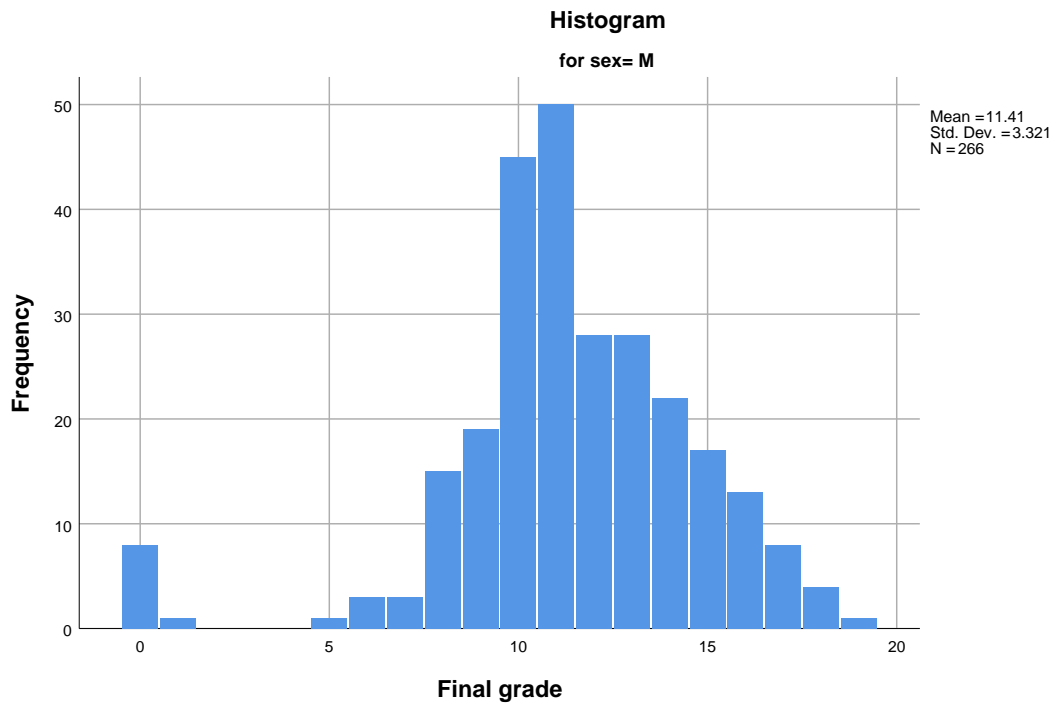
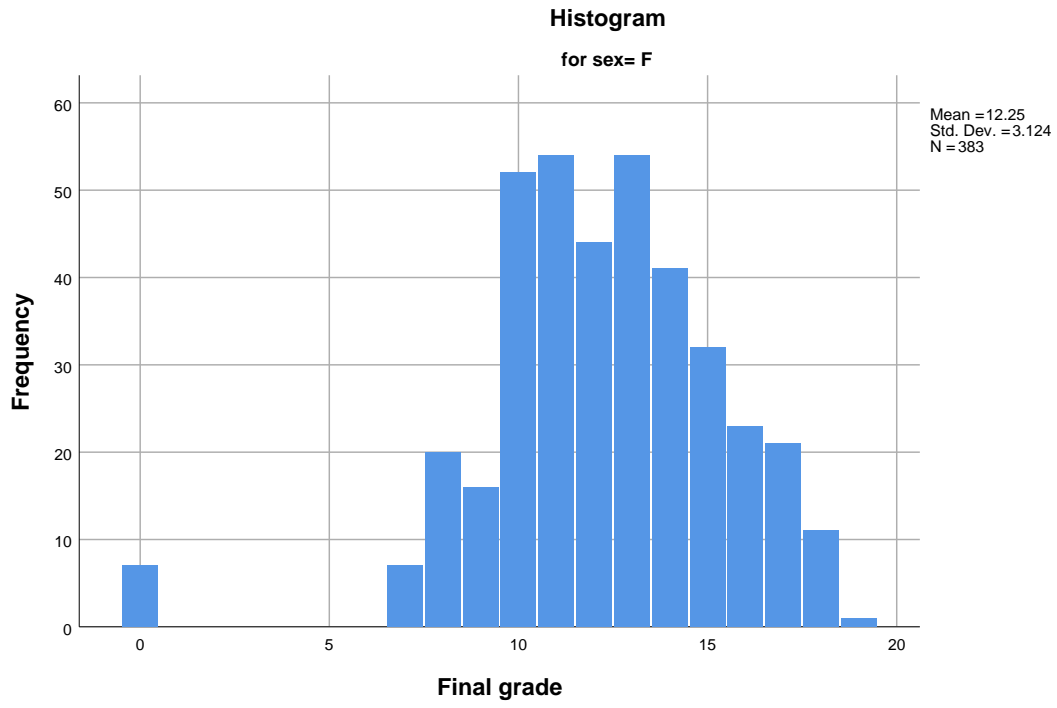
Descriptives

| 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 | M | Mean | 11.41 |
| 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

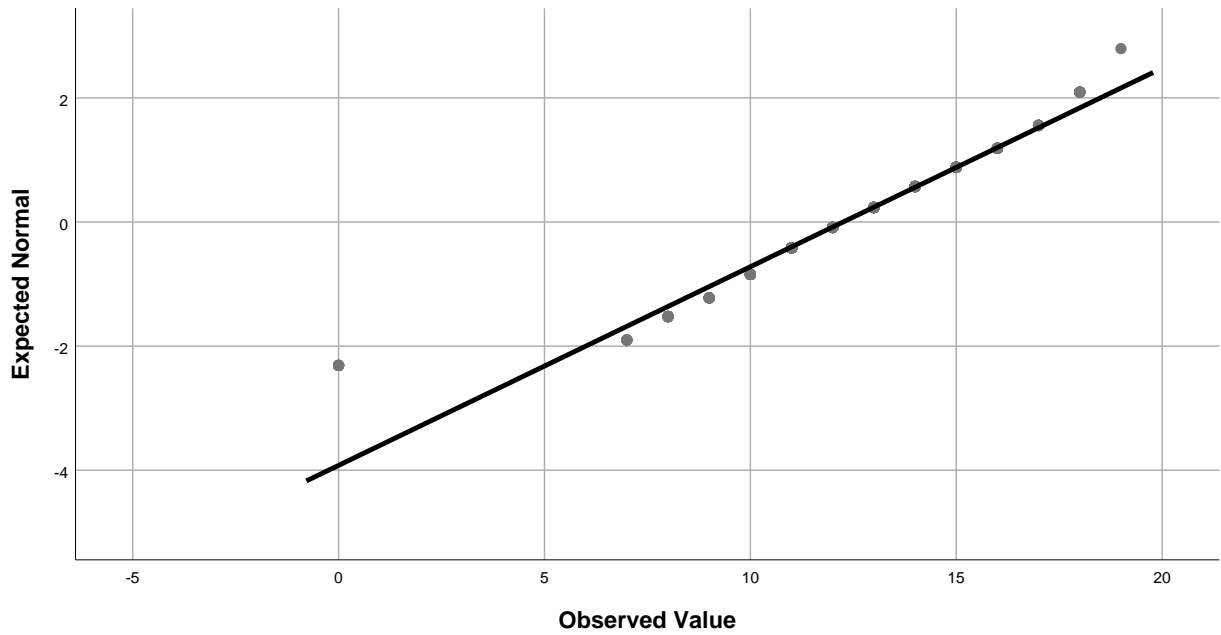
| | sex | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----|-----|---------------------------------|-----|------|--------------|-----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| G3 | F | .105 | 383 | .000 | .934 | 383 | .000 |
| | M | .148 | 266 | .000 | .913 | 266 | .000 |

a. Lilliefors Significance Correction



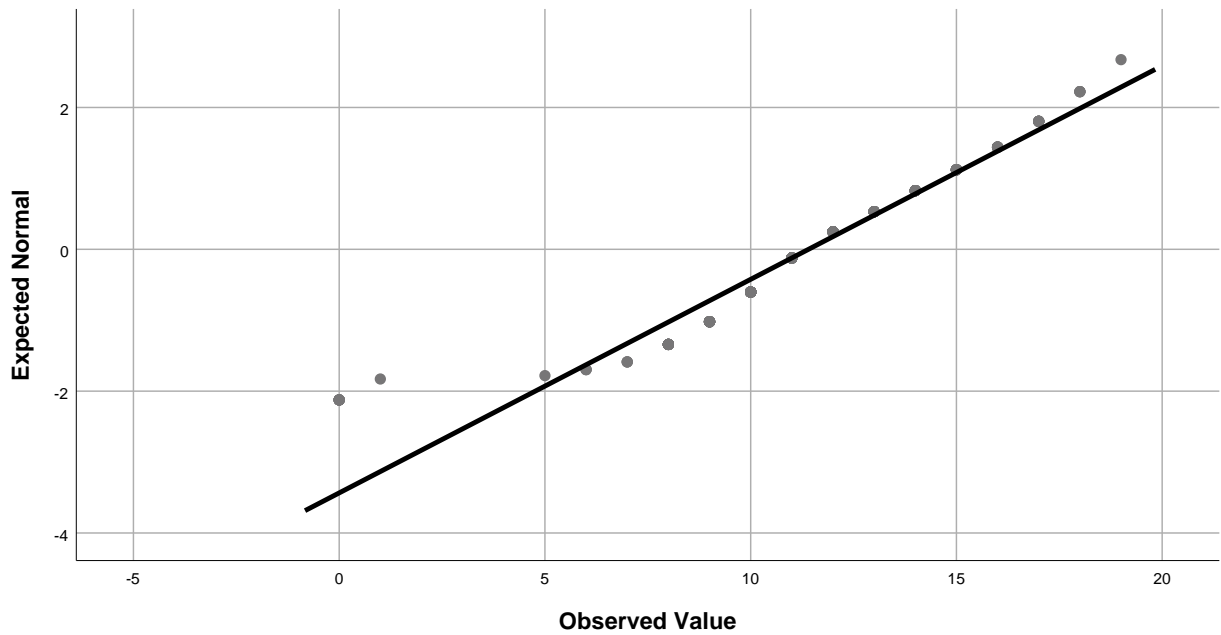
Normal Q-Q Plot of Final grade

for sex= F

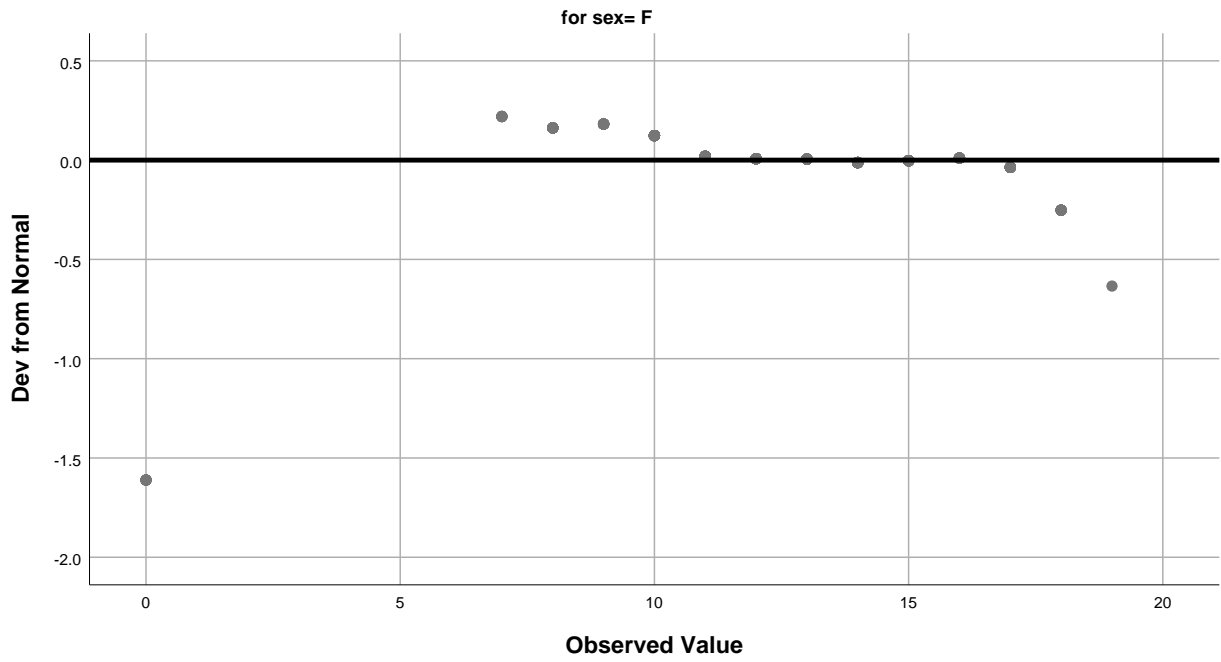


Normal Q-Q Plot of Final grade

for sex= M



Detrended Normal Q-Q Plot of Final grade



Detrended Normal Q-Q Plot of Final grade

