

**Host**

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## Intraclass Correlation Coefficient

Intraclass Correlation Coefficient  
Import data

## Intraclass Correlation Coefficient Data Check

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters  
>will be used.

Intraclass Correlation Coefficient Data Check  
Descriptive statistics for the repeated rating columns G1, G

## Descriptives

[ICCDData] D:\DATA ANALYSIS\G Correlation Tests\Intraclass Correlation Coefficient\SPSS\_Output\sav\Intraclass-Correlation-Coefficient-data.sav

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
First period grade / rating 1	649	0	19	11.40	2.745
Second period grade / rating 2	649	0	19	11.57	2.914
Final grade / rating 3	649	0	19	11.91	3.231
Valid N (listwise)	649				

## Intraclass Correlation Coefficient Data Check

Intraclass Correlation Coefficient Data Check  
Pairwise Pearson correlations among repeated rating columns

## Correlations

### Warnings

There is an invalid keyword on the PRINT subcommand. Text  
found: FULL

---

Execution of this command stops.

---

## Intraclass Correlation Coefficient Distribution Context

```
>Warning # 2004.  Command name: SUBTITLE  
>The subtitle given exceeds 60 characters in length.  The first 60 characters  
>will be used.
```

Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

## Explore

### Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
First period grade / rating 1	649	100.0%	0	0.0%	649	100.0%
Second period grade / rating 2	649	100.0%	0	0.0%	649	100.0%
Final grade / rating 3	649	100.0%	0	0.0%	649	100.0%

### Descriptives

		Statistic	Std. Error	
First period grade / rating 1	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	
Second period grade / rating 2	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		

Intraclass Correlation Coefficient Distribution Context  
 Boxplots, histograms, and normal probability plots for G1, G

**Descriptives**

		Statistic	Std. Error	
	Maximum	19		
	Range	19		
	Interquartile Range	3		
	Skewness	-.360	.096	
	Kurtosis	1.662	.192	
Final grade / rating 3	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	

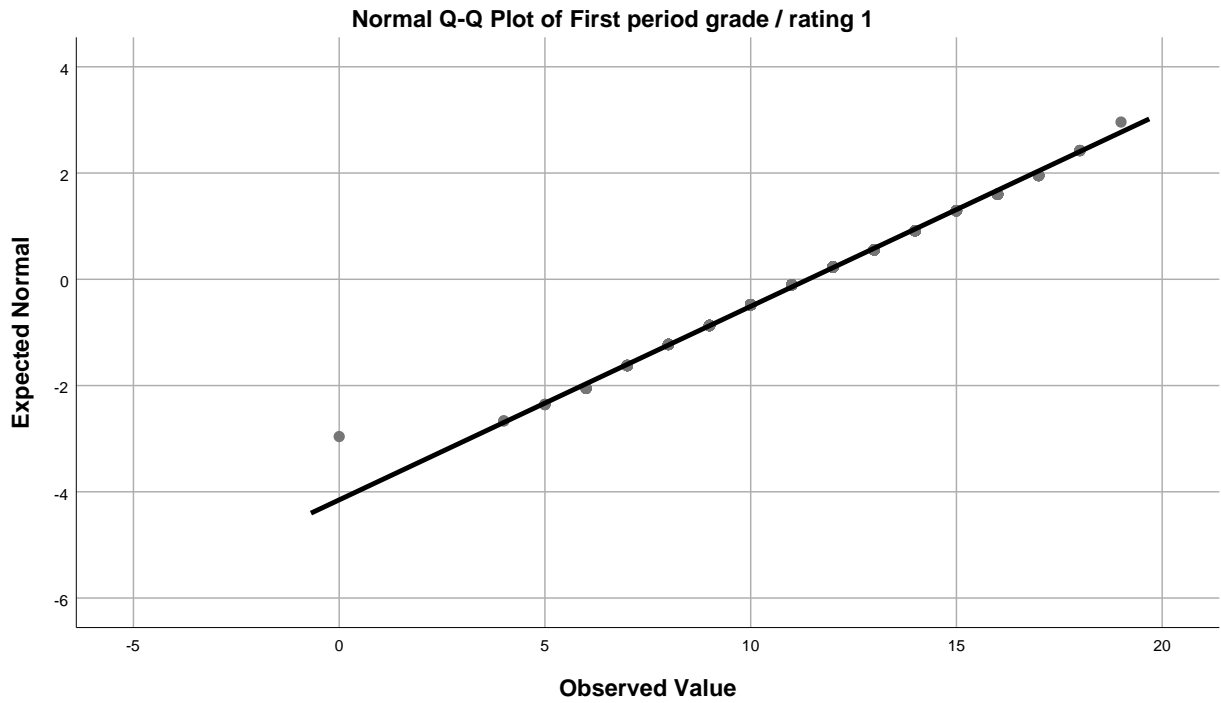
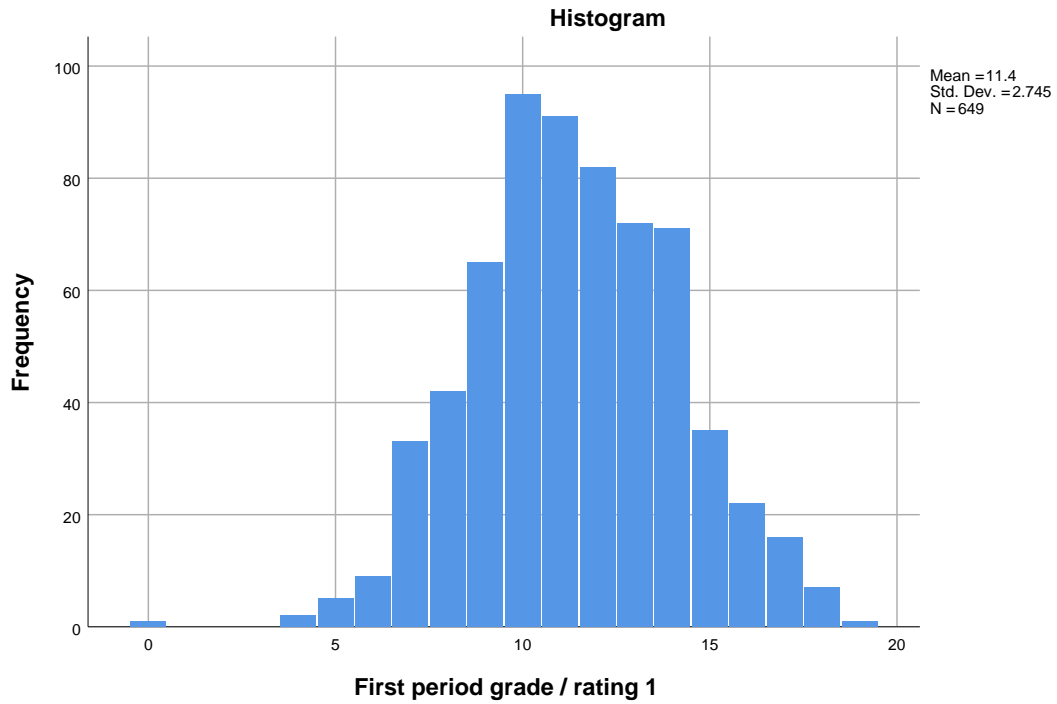
**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
First period grade / rating 1	.086	649	.000	.986	649	.000
Second period grade / rating 2	.088	649	.000	.962	649	.000
Final grade / rating 3	.124	649	.000	.926	649	.000

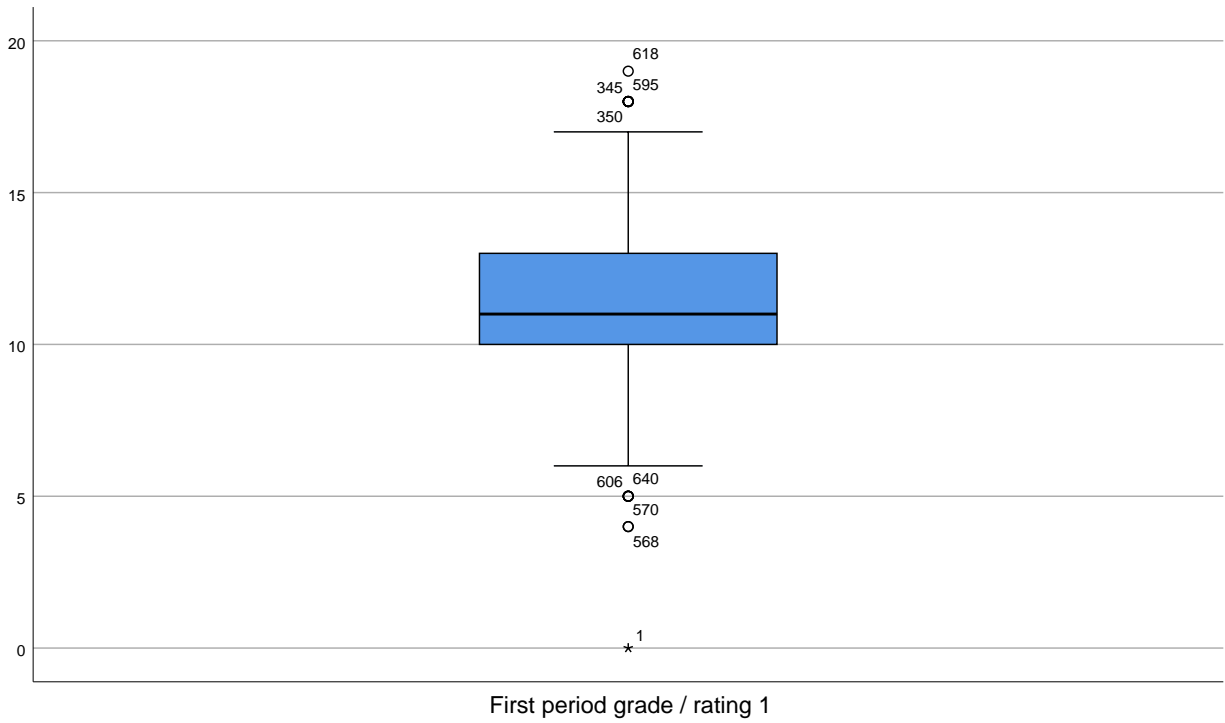
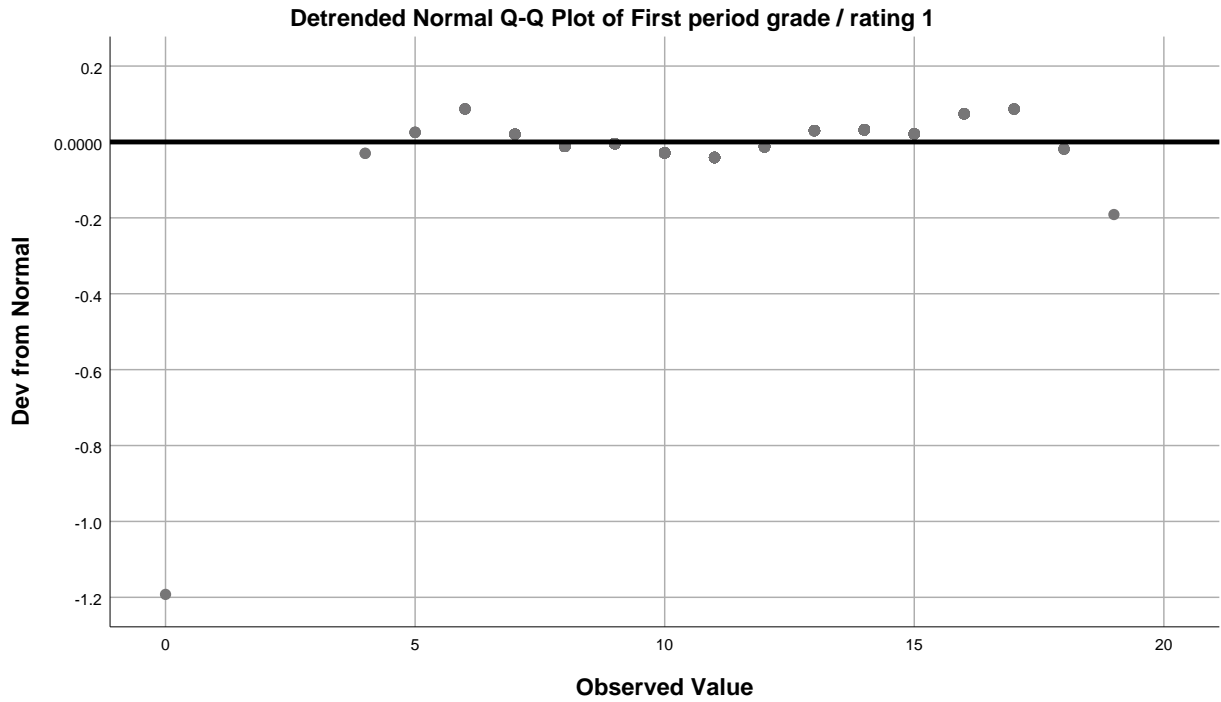
a. Lilliefors Significance Correction

**First period grade / rating 1**

Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

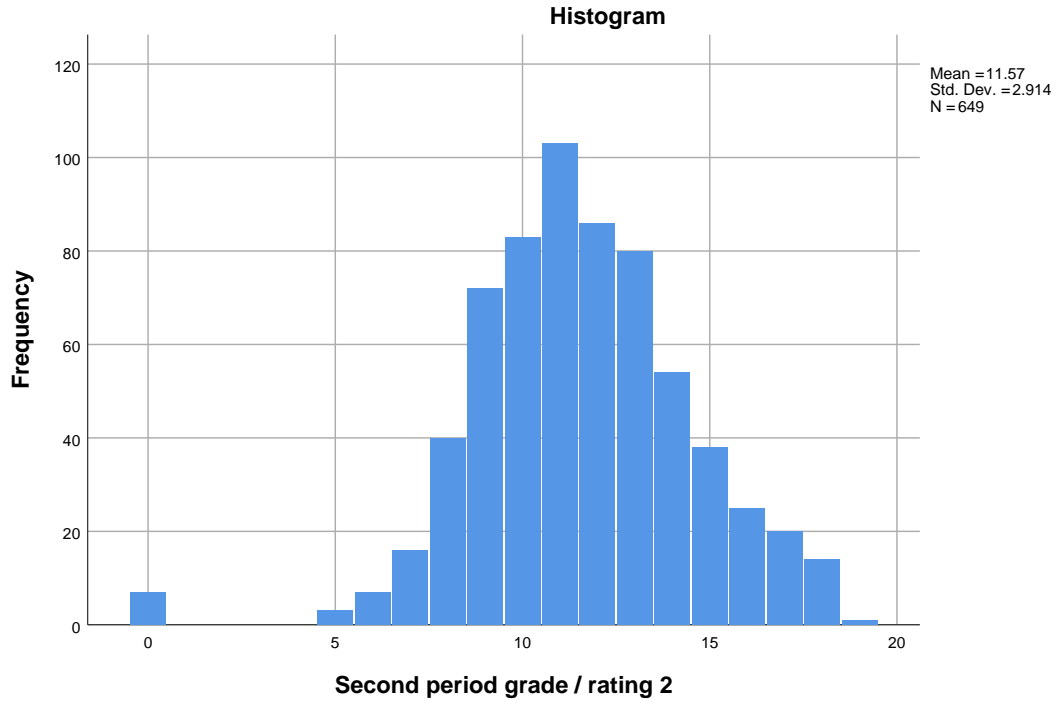


Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

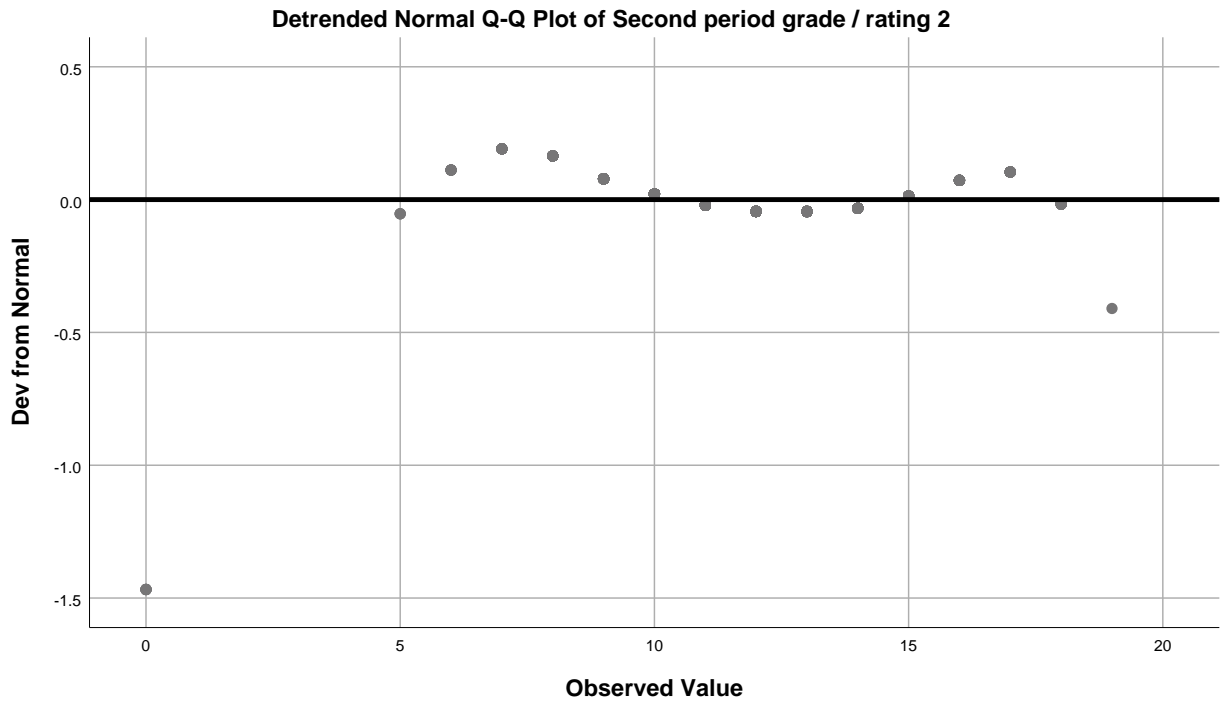
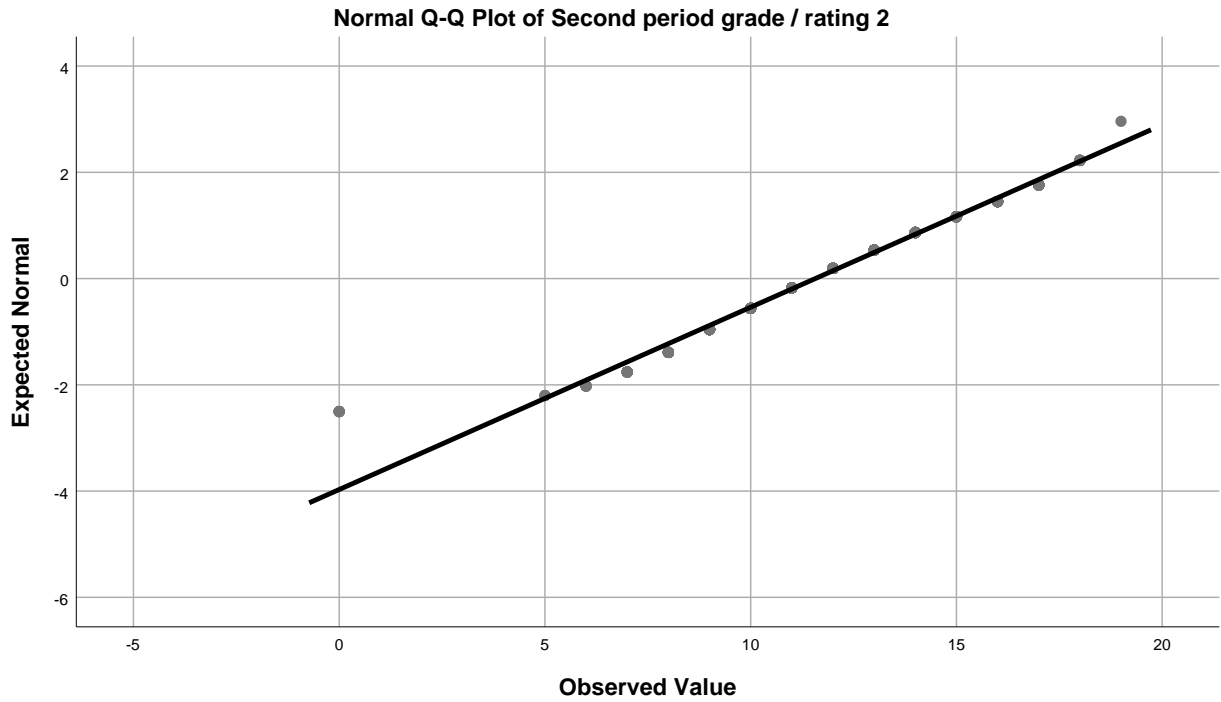


Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

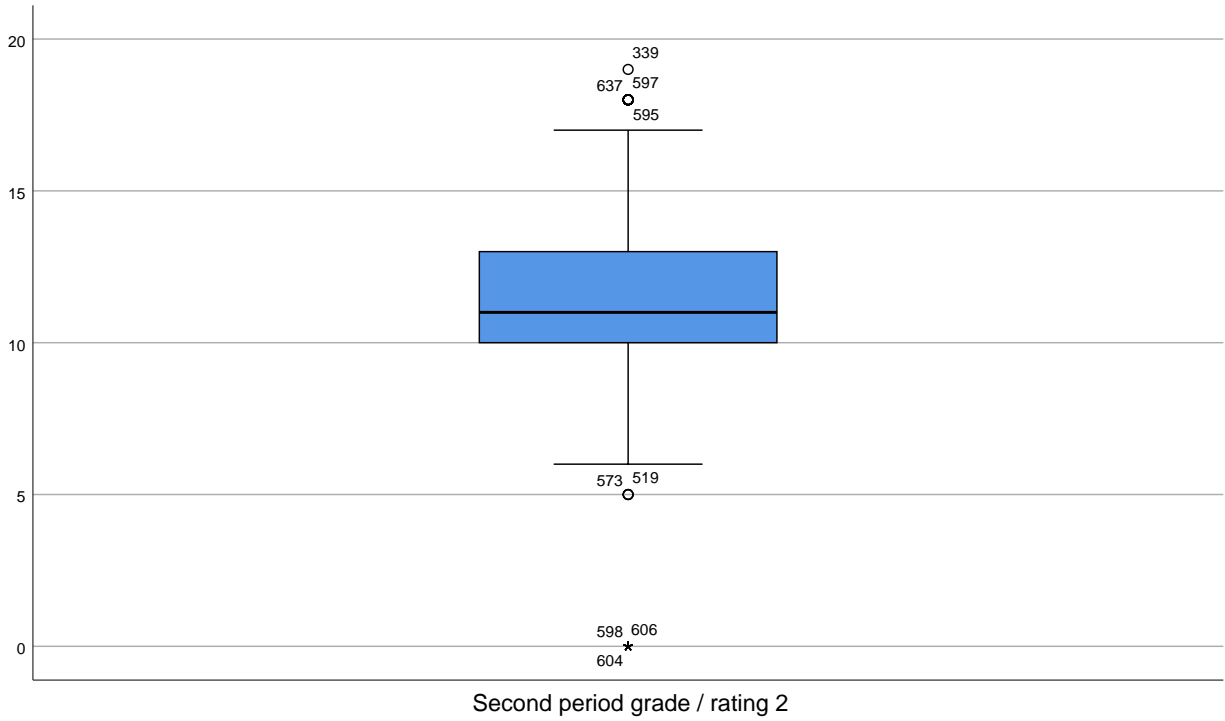
**Second period grade / rating 2**



Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

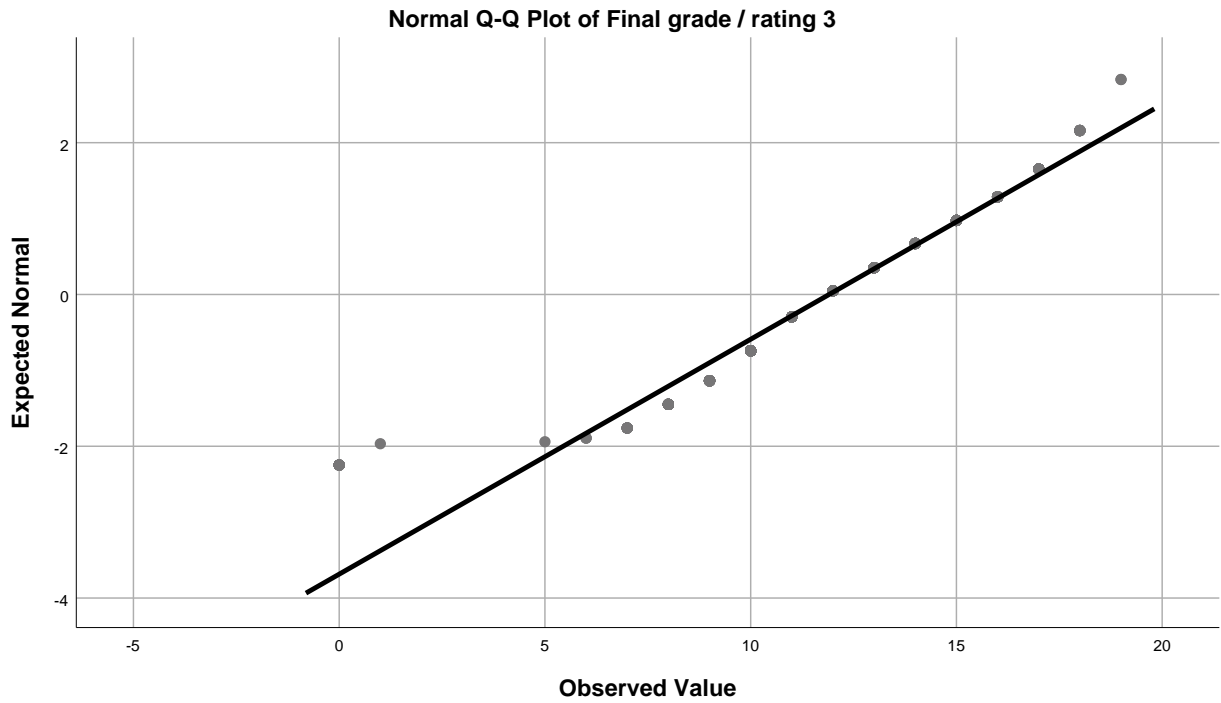
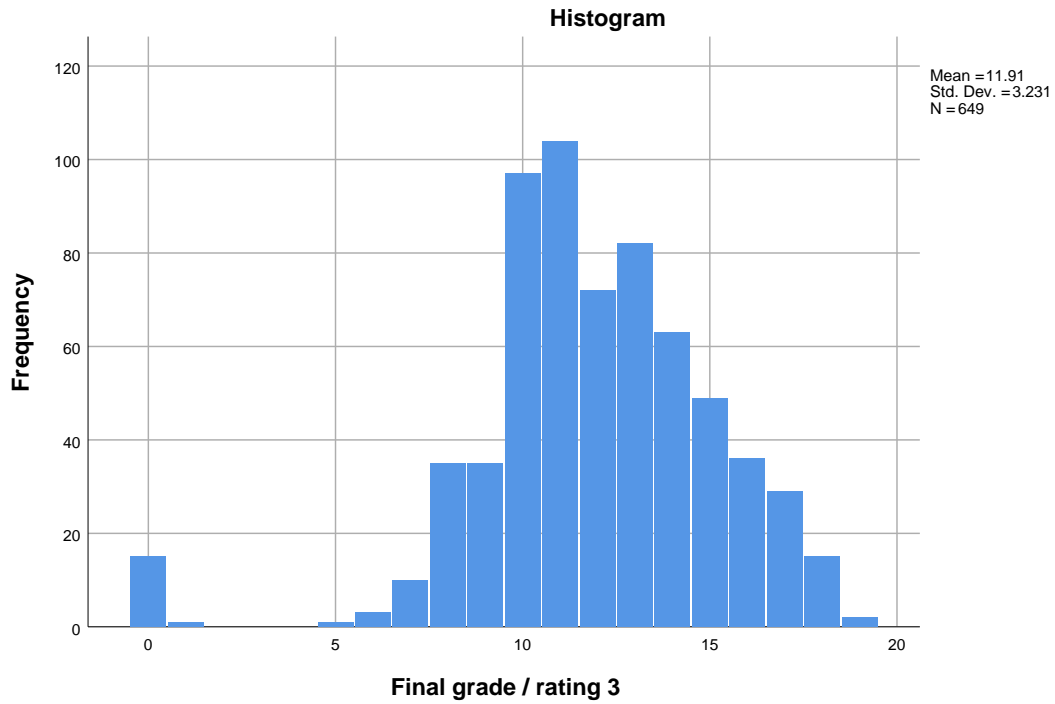


Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G

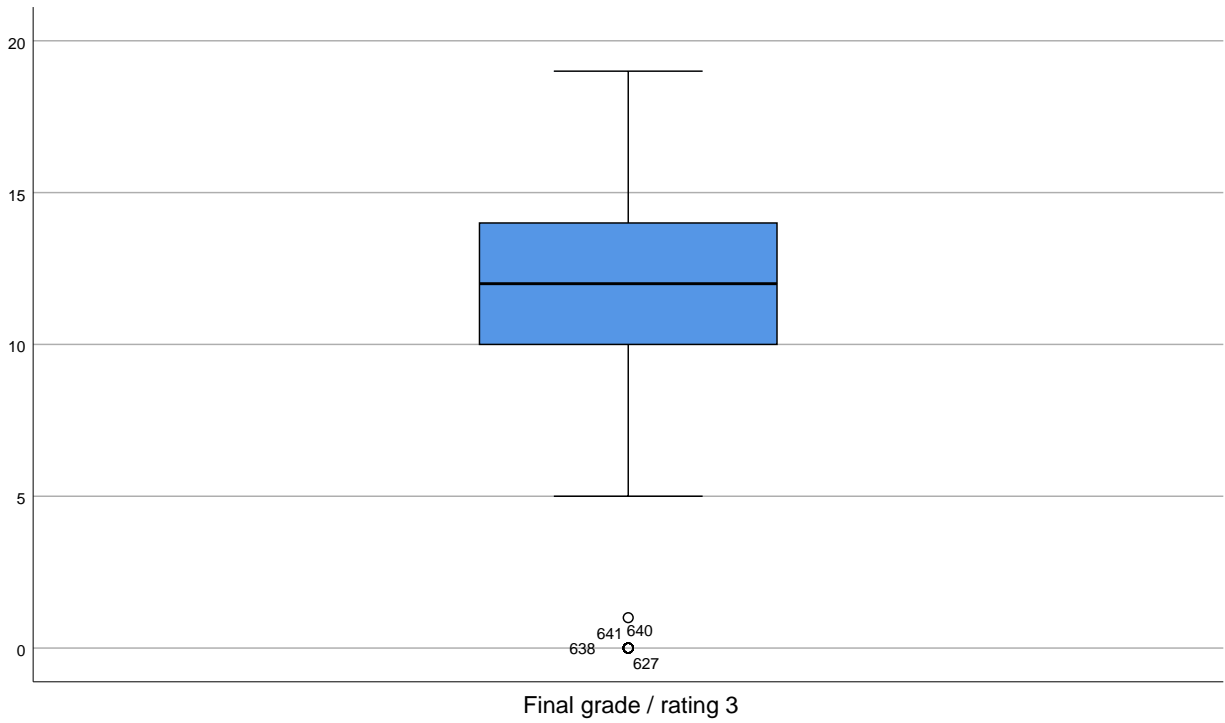
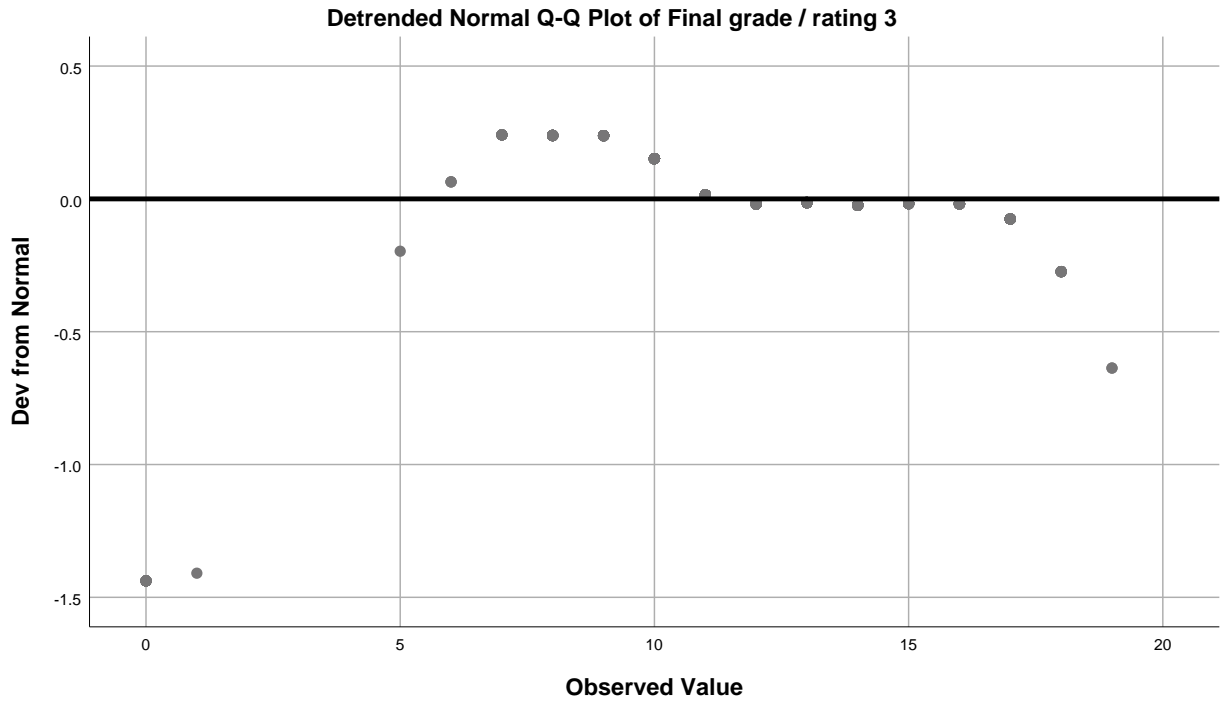


**Final grade / rating 3**

Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G



Intraclass Correlation Coefficient Distribution Context  
Boxplots, histograms, and normal probability plots for G1, G



## ICC One-Way Random Effects

ICC One-Way Random Effects  
One-way random absolute agreement model for G1, G2, and G3

## Reliability

### Warnings

Unrecognized keyword on RELIABILITY STATISTICS  
subcommand.

---

Execution of this command stops.

---

## ICC Two-Way Random Effects

```
>Warning # 2004.  Command name: SUBTITLE  
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>will be used.
```

ICC Two-Way Random Effects  
Two-way random absolute agreement model; report this when ra

## Reliability

### Warnings

Unrecognized keyword on RELIABILITY STATISTICS  
subcommand.

---

Execution of this command stops.

---

Invalid keyword encountered following the MODEL option. Valid  
choices are MIXED, RANDOM and ONEWAY. Check your  
RELIABILITY command.

---

## ICC Two-Way Mixed Effects

```
>Warning # 2004.  Command name: SUBTITLE  
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>will be used.
```

ICC Two-Way Mixed Effects  
Two-way mixed consistency model; useful default when G1, G2,

## Reliability

### Warnings

Unrecognized keyword on RELIABILITY STATISTICS  
subcommand.

---

Execution of this command stops.

---

## Variables to Cases

[ ICCWide ]

### Generated Variables

Name	Label
rating_time	<none>
grade_score	First period grade / rating 1

### Processing Statistics

Variables In	34
Variables Out	3

## Intraclass Correlation Coefficient Visual Context

Intraclass Correlation Coefficient Visual Context  
Mean score profile across G1, G2, and G3

**Graph**

