

Host

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Variance

Variance
Import data

Variance summary

Variance summary
Key variables

Frequencies

[VarianceData] D:\DATA ANALYSIS\A Basic Descriptive Statistics Guides\Variance
\SPSS_Output\sav\Variance-data.sav

Statistics

		First period grade	Second period grade	Final grade	Student age	School absences
N	Valid	649	649	649	649	649
	Missing	0	0	0	0	0
Mean		11.40	11.57	11.91	16.74	3.66
Median		11.00	11.00	12.00	17.00	2.00
Std. Deviation		2.745	2.914	3.231	1.218	4.641
Variance		7.536	8.489	10.437	1.484	21.537
Range		19	19	19	7	32
Minimum		0	0	0	15	0
Maximum		19	19	19	22	32

Variance and spread

Variance and spread
G3 review

Explore

Case Processing Summary

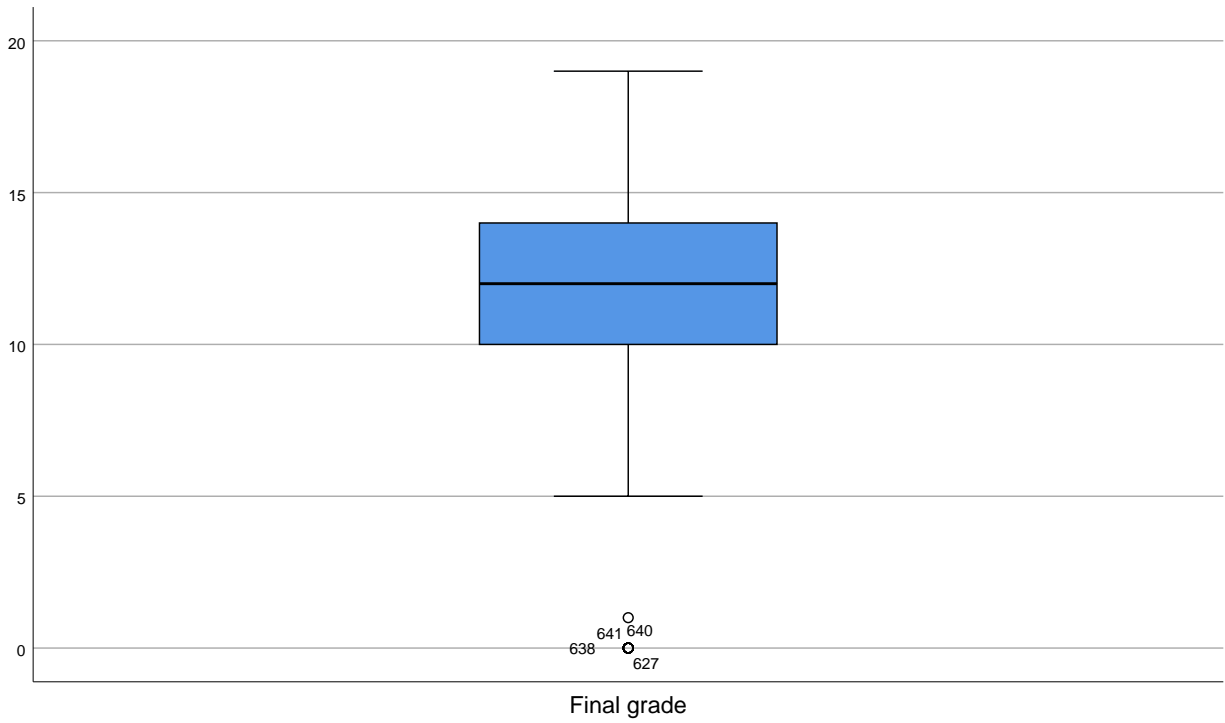
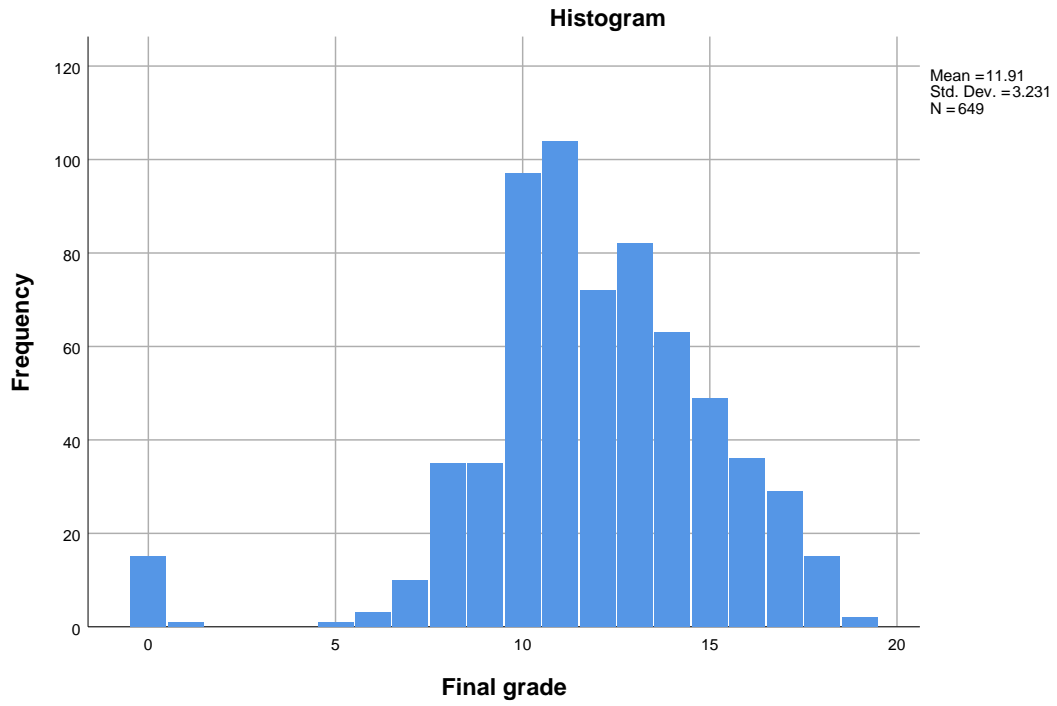
	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Final grade	649	100.0%	0	0.0%	649	100.0%

Descriptives

		Statistic	Std. Error	
Final grade	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	

Final grade

Variance and spread
G3 review



Group variance

Group variance
G3 by sex

Means

Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
	Final grade * Sex group	649	100.0%	0	0.0%	649

Report

Final grade

Sex group	N	Mean	Std. Deviation	Variance
F	383	12.25	3.124	9.760
M	266	11.41	3.321	11.027
Total	649	11.91	3.231	10.437

School variance

School variance
G3 by school

Means

Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
	Final grade * School group	649	100.0%	0	0.0%	649

Report

Final grade				
School group	N	Mean	Std. Deviation	Variance
GP	423	12.58	2.626	6.894
MS	226	10.65	3.834	14.699
Total	649	11.91	3.231	10.437