

Host

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Percentiles and Quartiles

Percentiles and Quartiles
Import data

Percentile table

Percentile table
G3 percentiles

Frequencies

[PercentilesQuartilesData] D:\DATA ANALYSIS\A Basic Descriptive Statistics Guides\Percentiles and Quartiles\SPSS_Output\sav\Percentiles-and-Quartiles-data.sav

Statistics

G3

N	Valid	649
	Missing	0
Mean		11.91
Median		12.00
Mode		11
Std. Deviation		3.231
Variance		10.437
Skewness		-.913
Std. Error of Skewness		.096
Kurtosis		2.712
Std. Error of Kurtosis		.192
Range		19
Minimum		0
Maximum		19
Percentiles	5	8.00
	10	8.00
	25	10.00
	50	12.00
	75	14.00
	90	16.00
	95	17.00

Quartile summary

Quartile summary
Key variables

Frequencies

		Statistics				
		G1	G2	G3	age	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
Range		19	19	19	7	32
Minimum		0	0	0	15	0
Maximum		19	19	19	22	32
Percentiles	25	10.00	10.00	10.00	16.00	.00
	50	11.00	11.00	12.00	17.00	2.00
	75	13.00	13.00	14.00	18.00	6.00

Boxplot review

Boxplot review
Key variables

Explore

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
G1	649	100.0%	0	0.0%	649	100.0%
G2	649	100.0%	0	0.0%	649	100.0%
G3	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	
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		
	Range	19		
	Interquartile Range	3		
	Skewness	-.003	.096	
	Kurtosis	.037	.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		

Boxplot review
Key variables

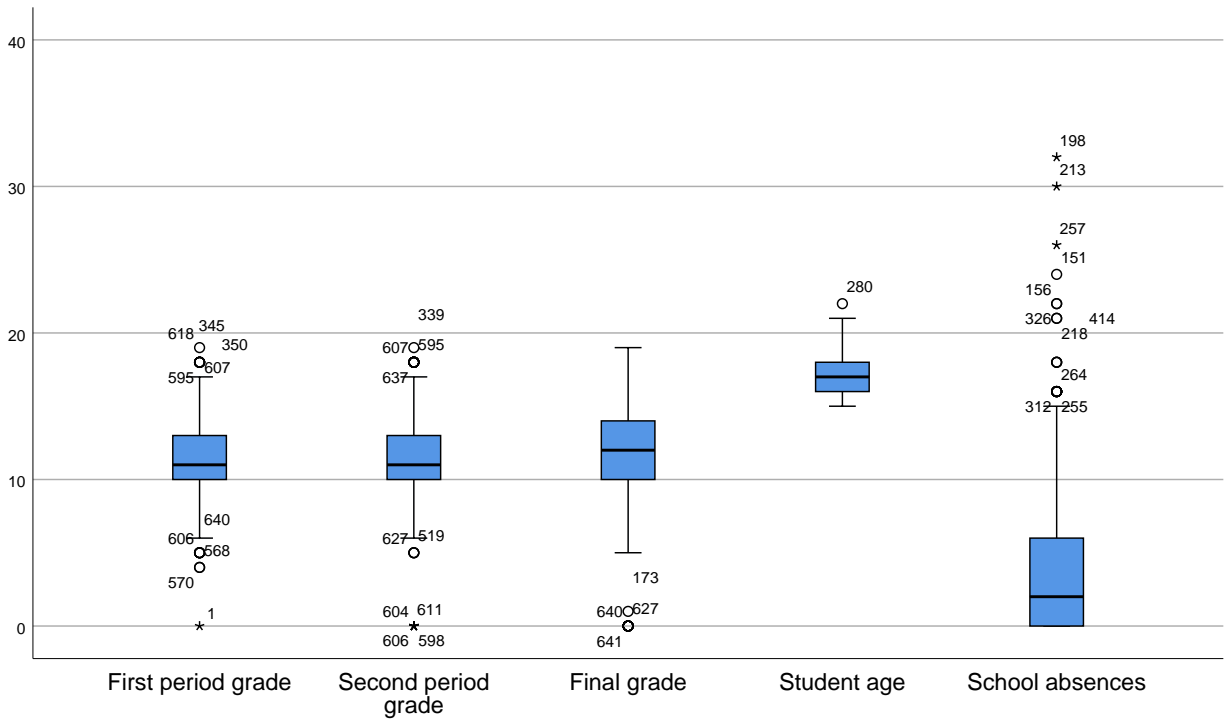
Descriptives

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

Boxplot review
Key variables

Descriptives

		Statistic	Std. Error
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



G3 quartile groups

G3 quartile groups
Four bands

RANK

Created Variables^a

Source Variable	Function	New Variable	Label
G3 ^c	Percentile Group ^b	G3_quartile	Percentile Group of G3

a. Mean rank of tied values is used for ties.

b. 4 groups are generated.

c. Ranks are in ascending order.

Frequencies

Statistics

G3_quartile

N	Valid	Missing
	649	0

G3_quartile

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	197	30.4	30.4	30.4
	2	104	16.0	16.0	46.4
	3	217	33.4	33.4	79.8
	4	131	20.2	20.2	100.0
Total		649	100.0	100.0	

G3 by quartile

G3 by quartile
Mean and range

Means

Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
	G3 * G3_quartile	649	100.0%	0	0.0%	649

Report

G3

G3_quartile	N	Mean	Median	Std. Deviation	Minimum	Maximum
1	197	8.42	9.00	2.699	0	10
2	104	11.00	11.00	.000	11	11
3	217	12.96	13.00	.789	12	14
4	131	16.12	16.00	1.089	15	19
Total	649	11.91	12.00	3.231	0	19