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EXAMINE VARIABLES=AgeatmaturityboxcoxFinallengthboxcoxgrowthrate3mmboxcox
/PLOT BOXPLOT HISTOGRAM NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES EXTREME
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

Explore

Notes

Output Created		25-JAN-2021 15:11:36
Comments		
Input	Data	\\home.iowa.uiowa.edu\cdonne\Documents\Masters research\CompiledDonneLarkindata_1.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	711
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=Ageatmaturit yboxcox Finallengthboxcox growthrate3mmboxcox /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE...

Notes

Resources	Processor Time	00:00:04.31
	Elapsed Time	00:00:01.89

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Ageatmaturityboxcox	301	42.3%	410	57.7%	711	100.0%
Finallengthboxcox	301	42.3%	410	57.7%	711	100.0%
growthrate3mmboxcox	301	42.3%	410	57.7%	711	100.0%

Descriptives

		Statistic	Std. Error
Ageatmaturityboxcox	Mean	.2694	.00062
	95% Confidence Interval for Mean	Lower Bound	.2681
		Upper Bound	.2706
	5% Trimmed Mean	.2696	
	Median	.2698	
	Variance	.000	
	Std. Deviation	.01080	
	Minimum	.24	
	Maximum	.30	
	Range	.06	
	Interquartile Range	.02	
	Skewness	-.328	.140
	Kurtosis	.080	.280
Finallengthboxcox	Mean	495.5206	3.44274
	95% Confidence Interval for Mean	Lower Bound	488.7456
		Upper Bound	502.2956
	5% Trimmed Mean	495.8263	
	Median	492.1000	
	Variance	3567.592	
	Std. Deviation	59.72932	
	Minimum	340.30	
	Maximum	639.90	
	Range	299.60	

Descriptives

		Statistic	Std. Error
	Interquartile Range	79.20	
	Skewness	-.010	.140
	Kurtosis	-.265	.280
growthrate3mmboxcox	Mean	.6438	.02192
	95% Confidence Interval for Mean	Lower Bound	.6006
		Upper Bound	.6869
	5% Trimmed Mean	.6539	
	Median	.6471	
	Variance	.145	
	Std. Deviation	.38031	
	Minimum	-.54	
	Maximum	1.52	
	Range	2.06	
	Interquartile Range	.49	
	Skewness	-.371	.140
	Kurtosis	.267	.280

Extreme Values

			Case Number	Value
Ageatmaturityboxcox	Highest	1	51	.30
		2	179	.30
		3	180	.29
		4	16	.29
		5	8	.29 ^a
	Lowest	1	435	.24
		2	669	.24
		3	370	.24
		4	279	.24
		5	434	.24
Finallengthboxcox	Highest	1	597	639.90
		2	247	623.50
		3	269	623.20
		4	244	622.90
		5	268	618.60
	Lowest	1	233	340.30
		2	342	343.40
		3	251	354.80
		4	253	358.80
		5	395	364.50
growthrate3mmboxcox	Highest	1	270	1.52
		2	310	1.52
		3	194	1.47
		4	333	1.44
		5	326	1.41 ^b
	Lowest	1	370	-.54
		2	155	-.42
		3	279	-.40
		4	139	-.37
		5	234	-.31

a. Only a partial list of cases with the value .29 are shown in the table of upper extremes.

b. Only a partial list of cases with the value 1.41 are shown in the table of upper extremes.

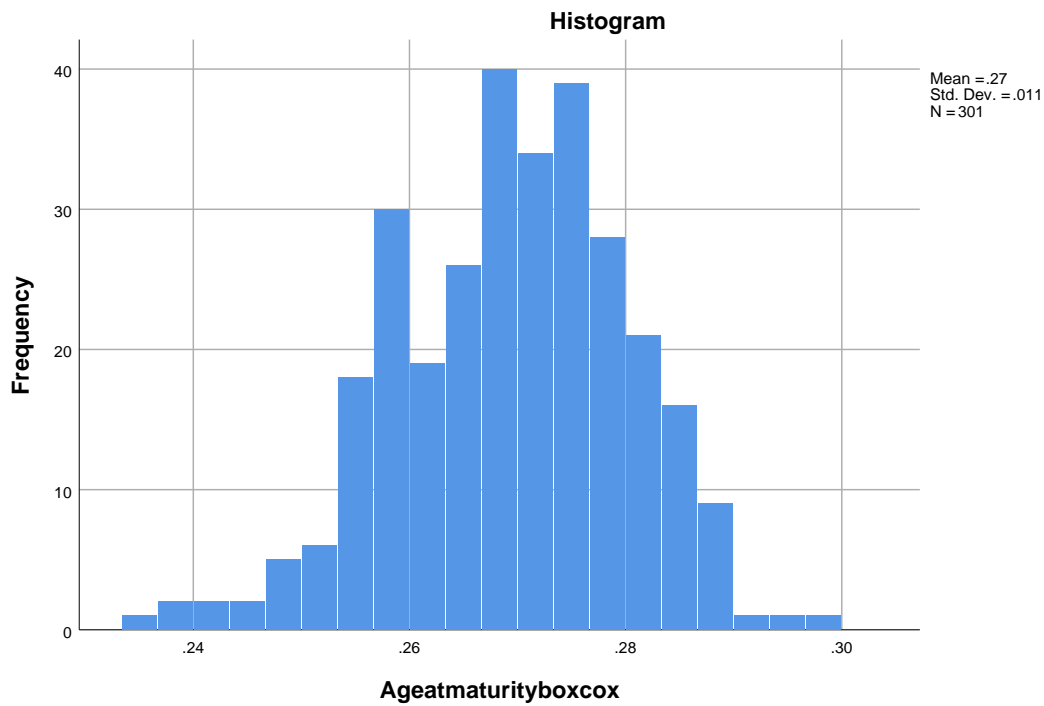
Tests of Normality

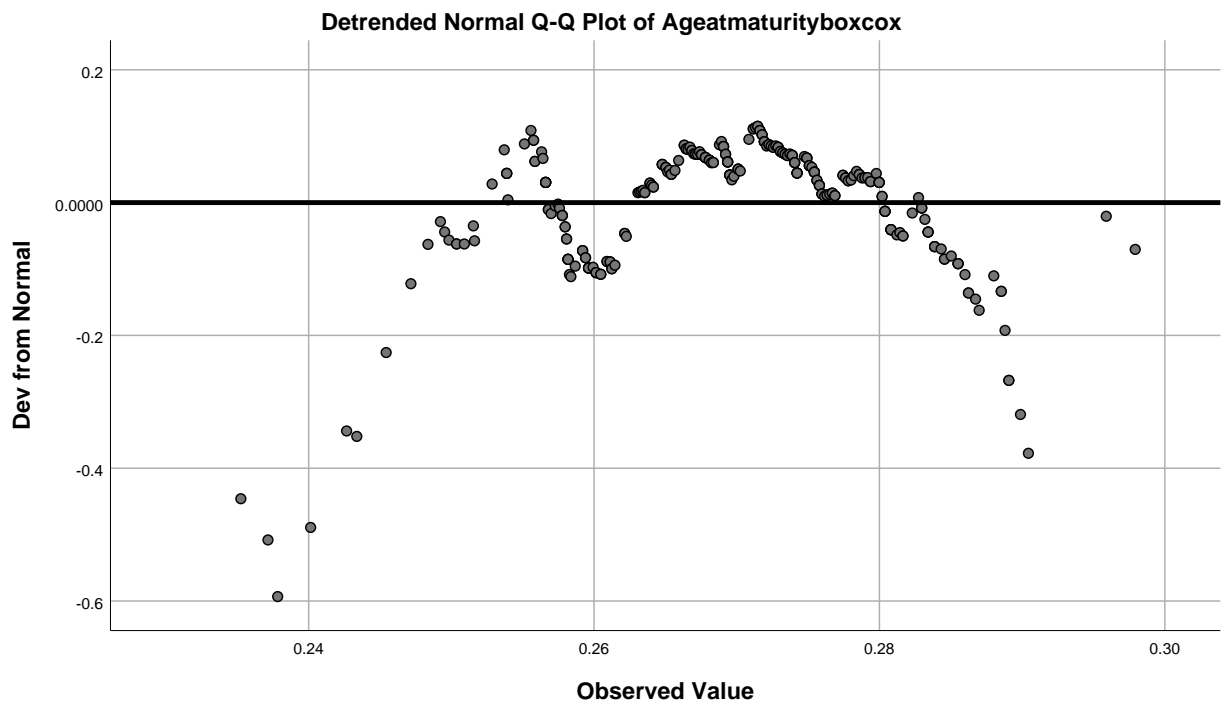
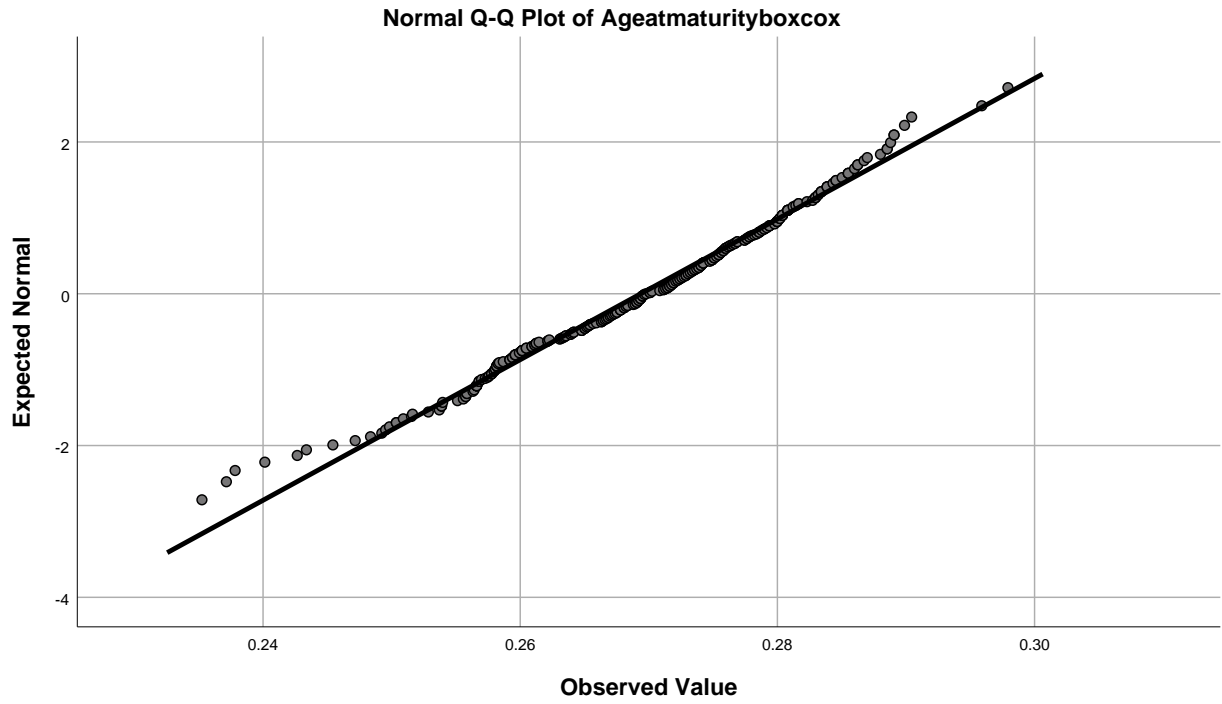
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ageatmaturityboxcox	.049	301	.083	.990	301	.036
Finallengthboxcox	.030	301	.200*	.994	301	.343
growthrate3mmboxcox	.037	301	.200*	.988	301	.013

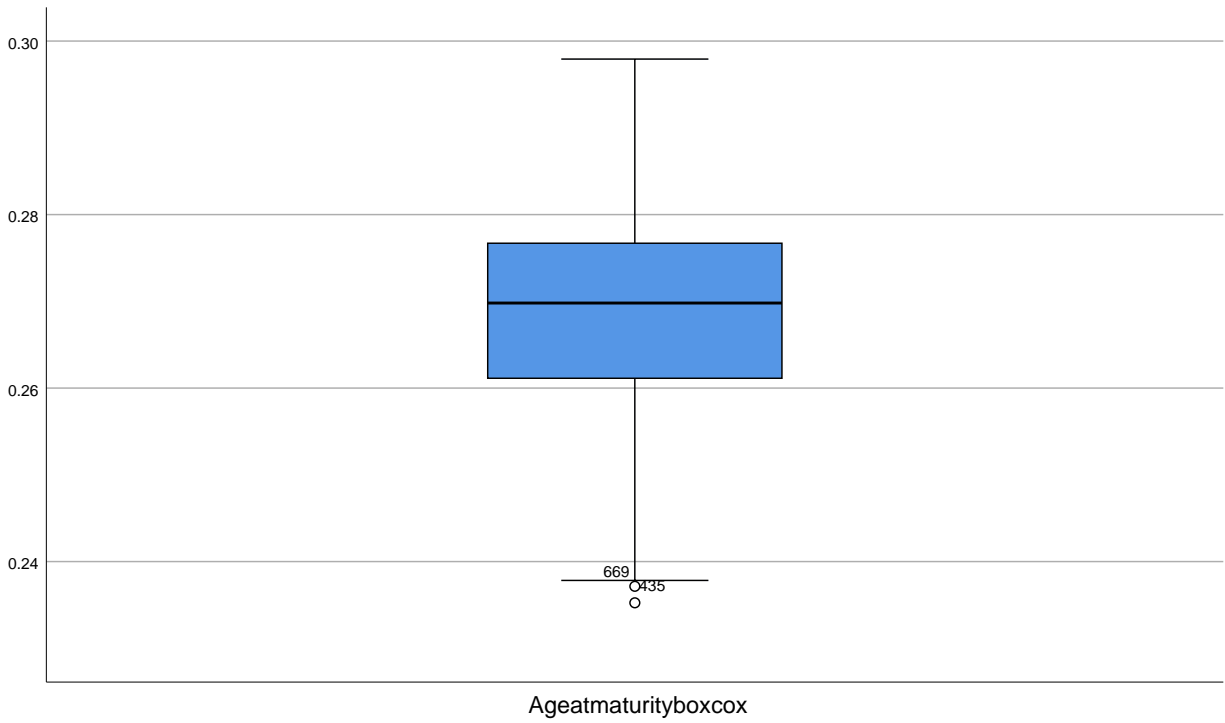
*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

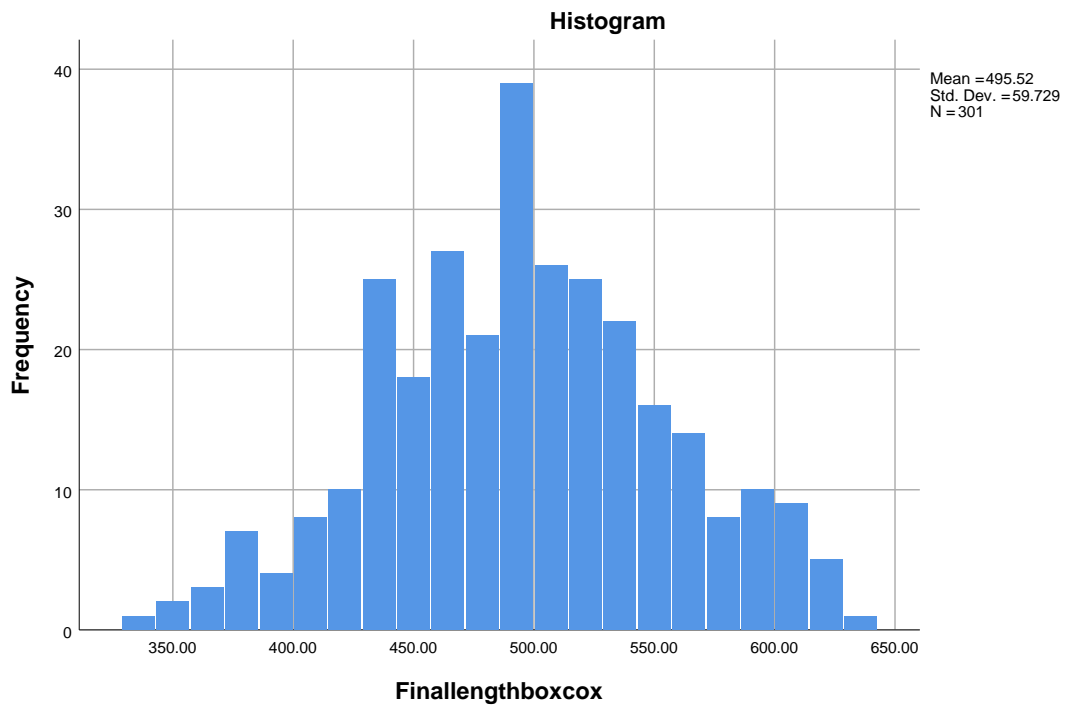
Ageatmaturityboxcox

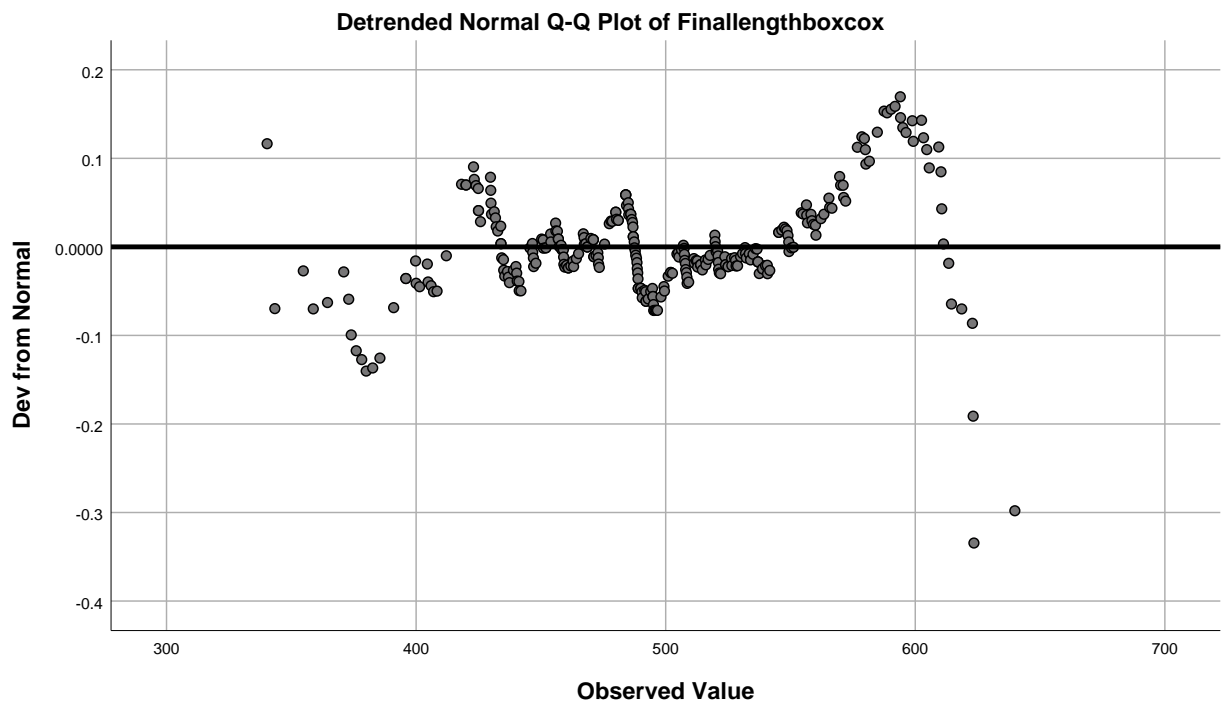
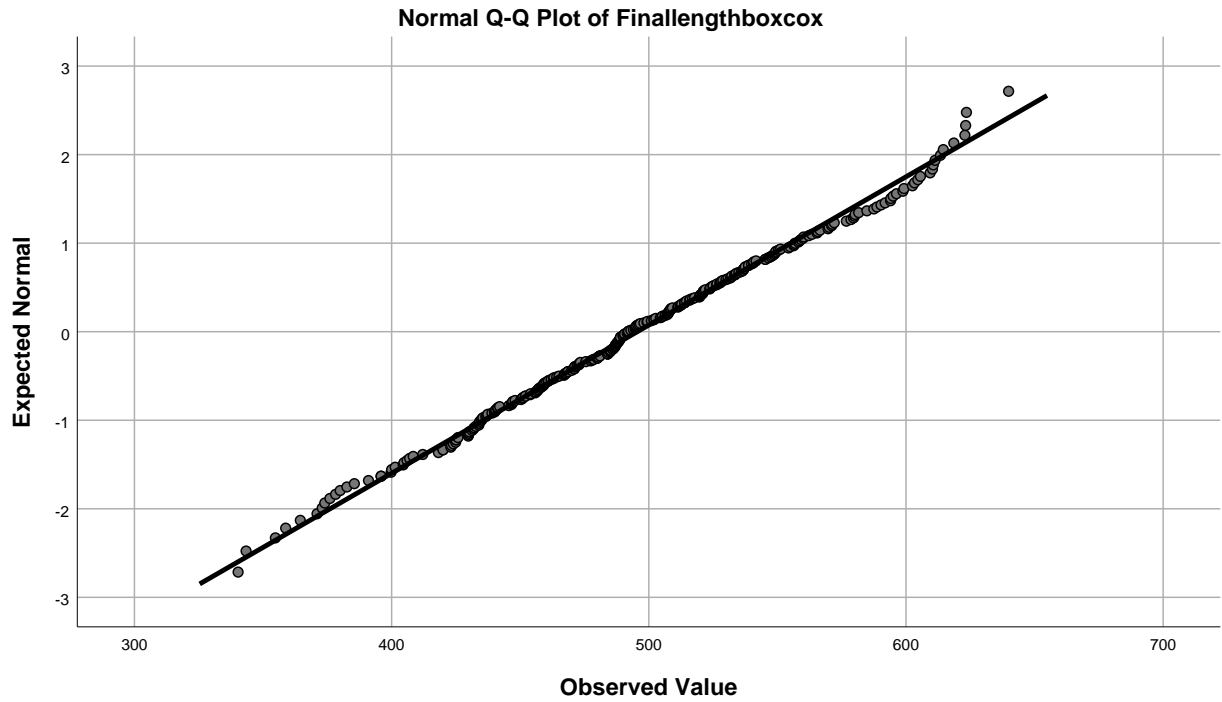


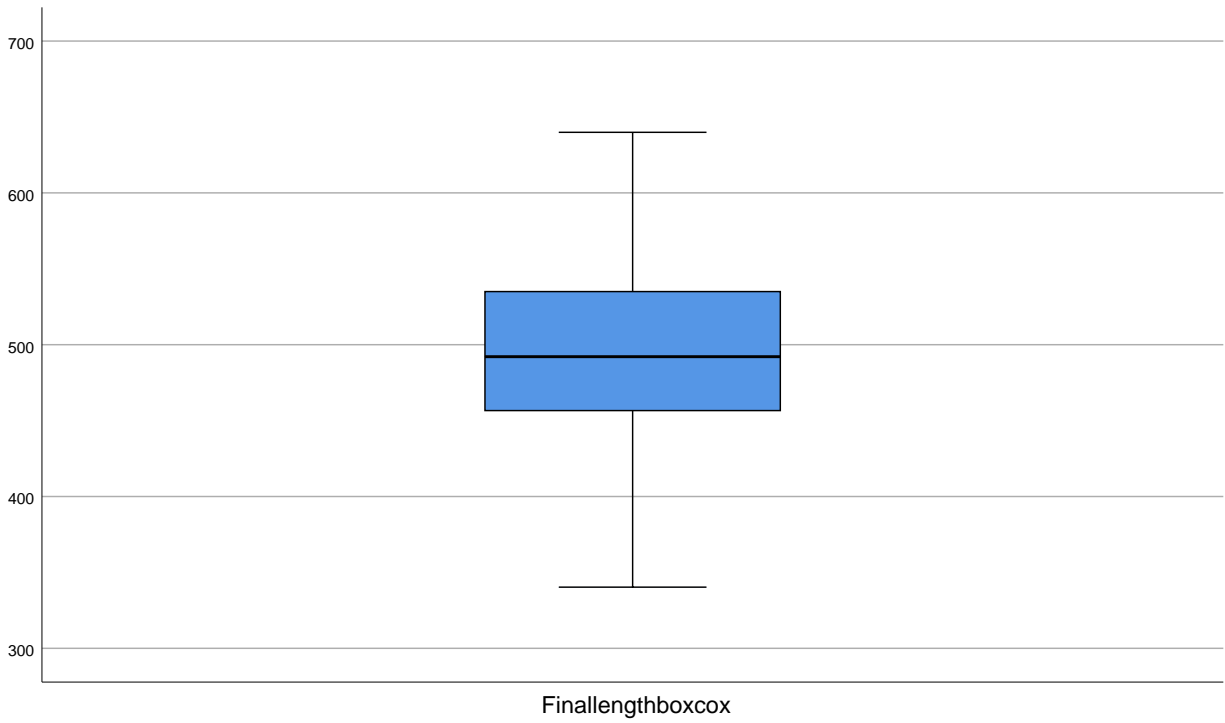




Finallengthboxcox







growthrate3mmboxcox

