```
EXAMINE VARIABLES=AgeatmaturityboxcoxFinallengthboxcoxGrowthrateperday3mmbox
cox
  /PLOT BOXPLOT HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		03-NOV-2020 14:17:28
Comments		
Input	Data	H:\Documents\Masters research\Donnedata.sav
	Active Dataset	DataSet10
	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.

Notes

Syntax		EXAMINE VARIABLES=Ageatmaturityboxcox Finallengthboxcox Growthrateperday3mmboxcox /PLOT BOXPLOT HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE...
Resources	Processor Time	00:00:01.59
	Elapsed Time	00:00:01.47

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Ageatmaturityboxcox	59	8.3%	652	91.7%	711	100.0%
Finallengthboxcox	59	8.3%	652	91.7%	711	100.0%
Growthrateperday3mmboxcox	59	8.3%	652	91.7%	711	100.0%

Descriptives

			Statistic	Std. Error
Ageatmaturityboxcox	Mean		9.8790	.02507
	95% Confidence Interval for Mean	Lower Bound	9.8288	
		Upper Bound	9.9292	
	5% Trimmed Mean		9.8839	
	Median		9.9134	
	Variance		.037	
	Std. Deviation		.19257	
	Minimum		9.31	
	Maximum		10.22	
	Range		.91	
	Interquartile Range		.26	
	Skewness		-.315	.311
	Kurtosis		.101	.613
Finallengthboxcox	Mean		474.5593	6.39784
	95% Confidence Interval for Mean	Lower Bound	461.7527	
		Upper Bound	487.3660	
	5% Trimmed Mean		474.7750	
	Median		481.0000	
	Variance		2415.009	
	Std. Deviation		49.14274	
	Minimum		373.00	
	Maximum		580.00	
	Range		207.00	
	Interquartile Range		72.00	
	Skewness		-.216	.311
	Kurtosis		-.144	.613
Growthrateperday3mmboxcox	Mean		1.7115	.06497
	95% Confidence Interval for Mean	Lower Bound	1.5815	
		Upper Bound	1.8416	
	5% Trimmed Mean		1.7037	
	Median		1.7100	
	Variance		.249	
	Std. Deviation		.49904	
	Minimum		.78	
	Maximum		2.79	

Descriptives

		Statistic	Std. Error
	Range	2.01	
	Interquartile Range	.62	
	Skewness	.199	.311
	Kurtosis	-.393	.613

Extreme Values

			Case Number	Value
Ageatmaturityboxcox	Highest	1	37	10.22
		2	85	10.21
		3	2	10.20
		4	78	10.18
		5	32	10.17
	Lowest	1	51	9.31
		2	16	9.53
		3	8	9.55
		4	14	9.56
		5	81	9.60
Finallengthboxcox	Highest	1	52	580.00
		2	68	577.00
		3	2	555.00
		4	61	549.00
		5	59	537.00
	Lowest	1	90	373.00
		2	80	374.00
		3	65	376.00
		4	62	380.00
		5	75	387.00
Growthrateperday3mmboxcox	Highest	1	2	2.79
		2	3	2.75
		3	13	2.67
		4	12	2.60
		5	14	2.56
	Lowest	1	28	.78
		2	31	.79

Extreme Values

		Case Number	Value
	3	90	.91
	4	83	.91
	5	74	.92

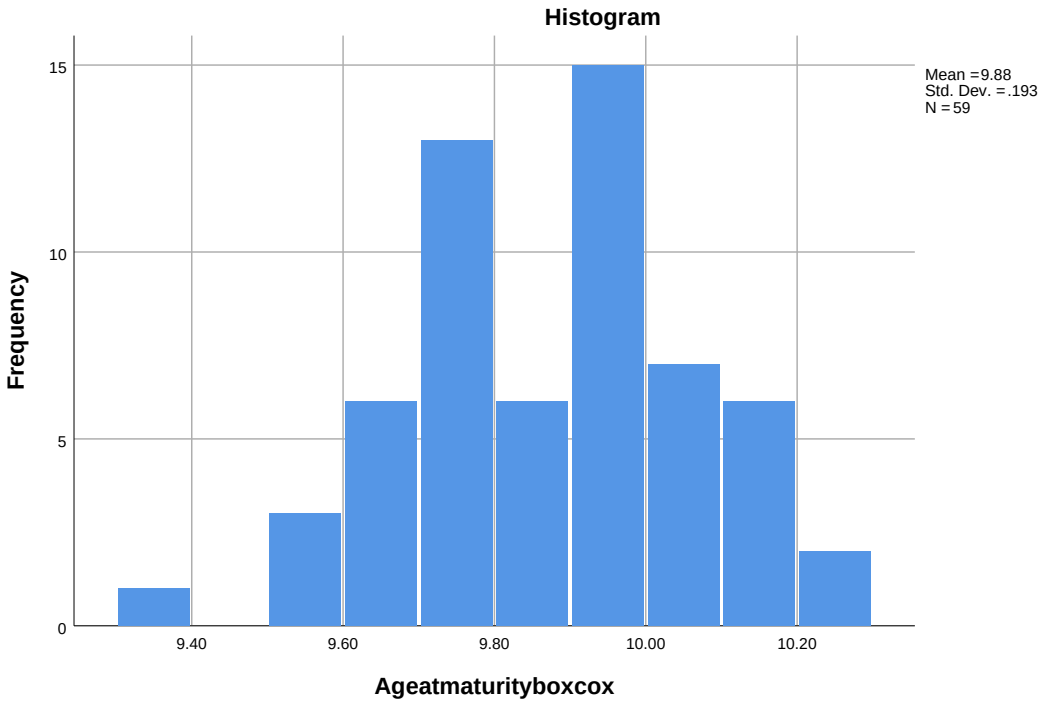
Tests of Normality

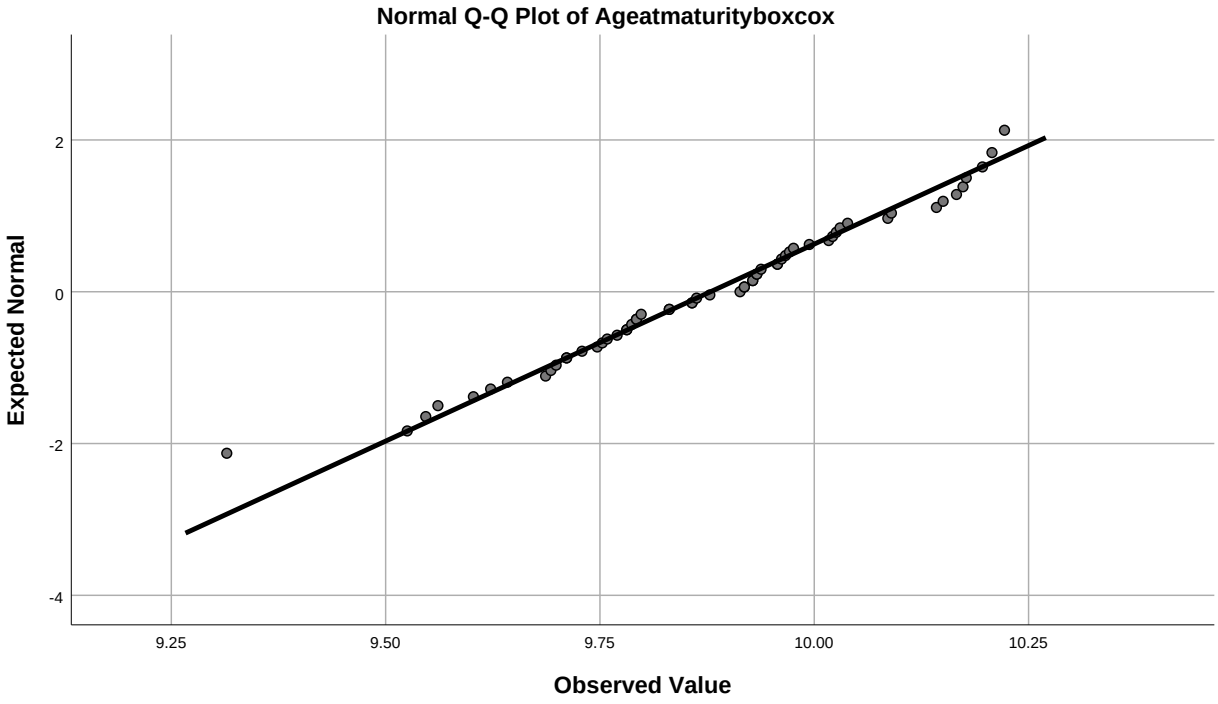
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ageatmaturityboxcox	.079	59	.200*	.980	59	.450
Finallengthboxcox	.086	59	.200*	.974	59	.247
Growthrateperday3mmboxcox	.055	59	.200*	.982	59	.523

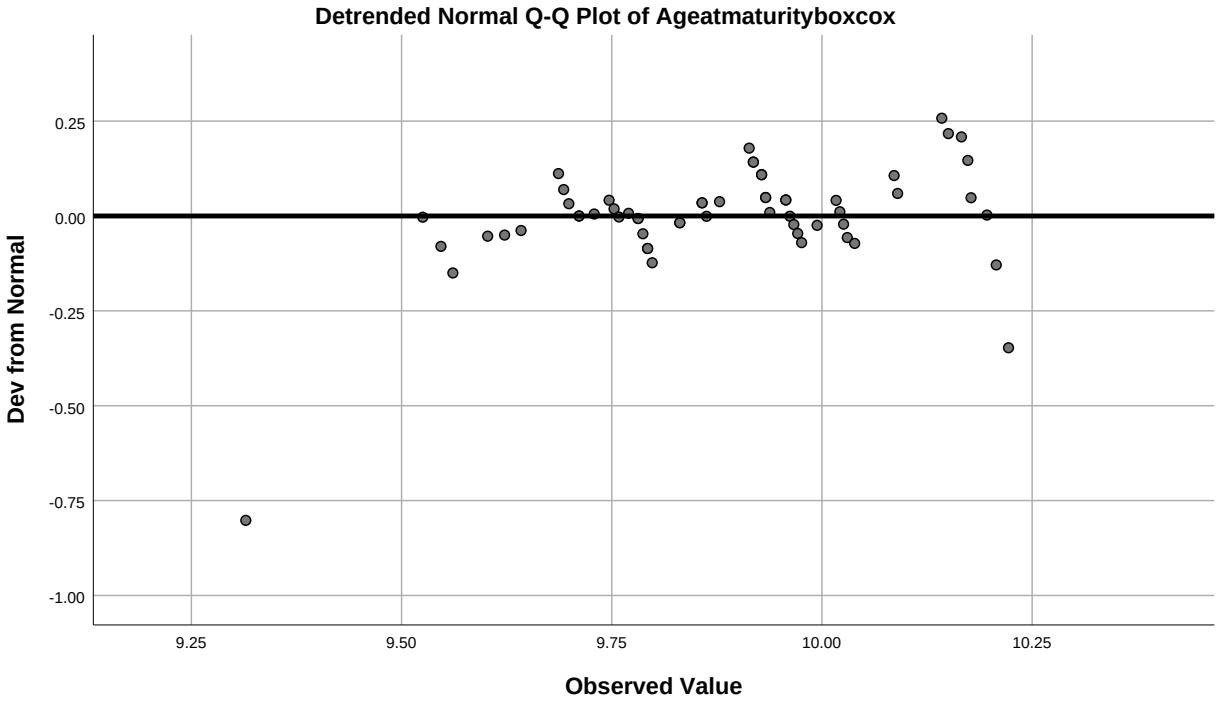
*. This is a lower bound of the true significance.

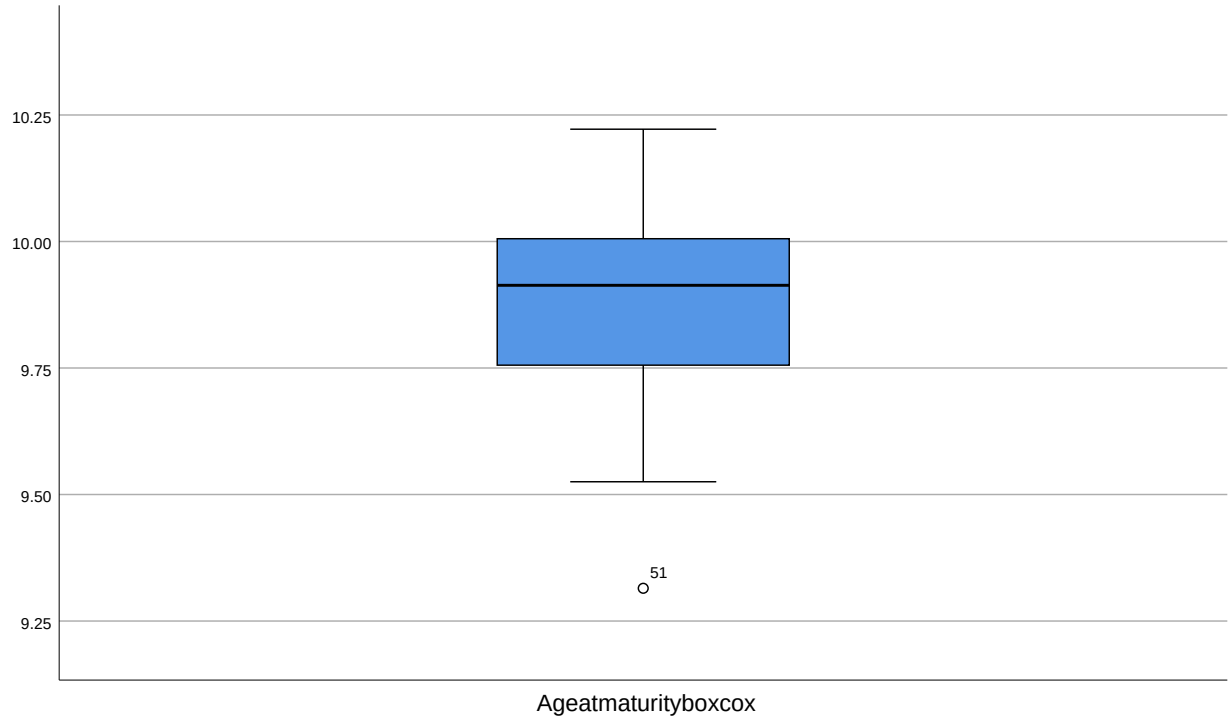
a. Lilliefors Significance Correction

Ageatmaturityboxcox

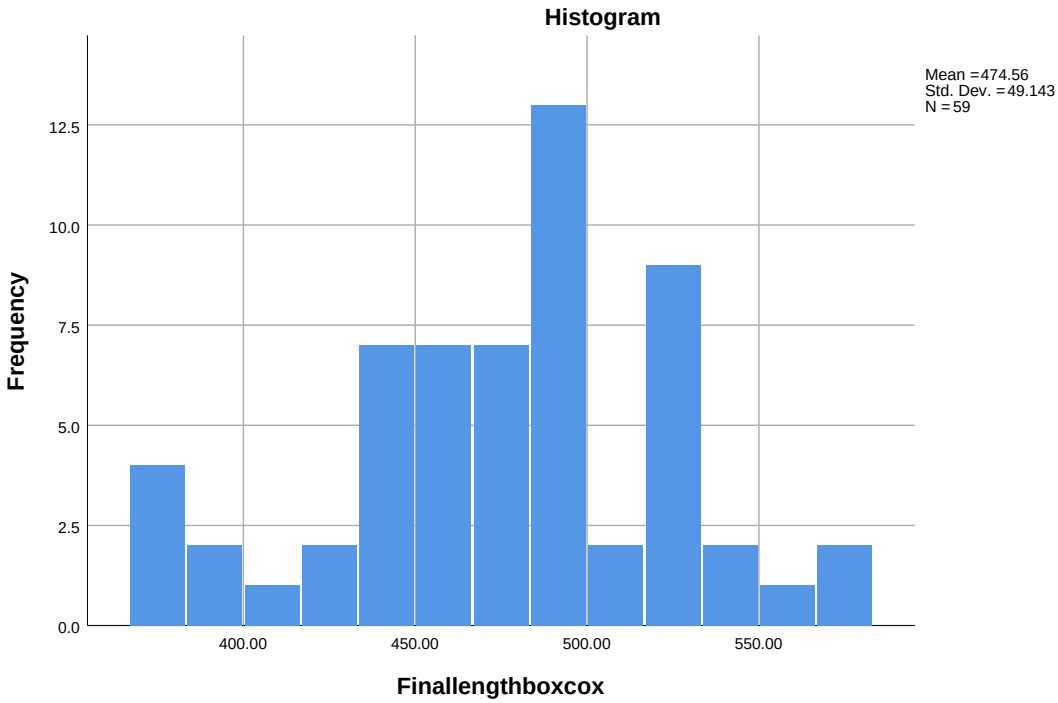


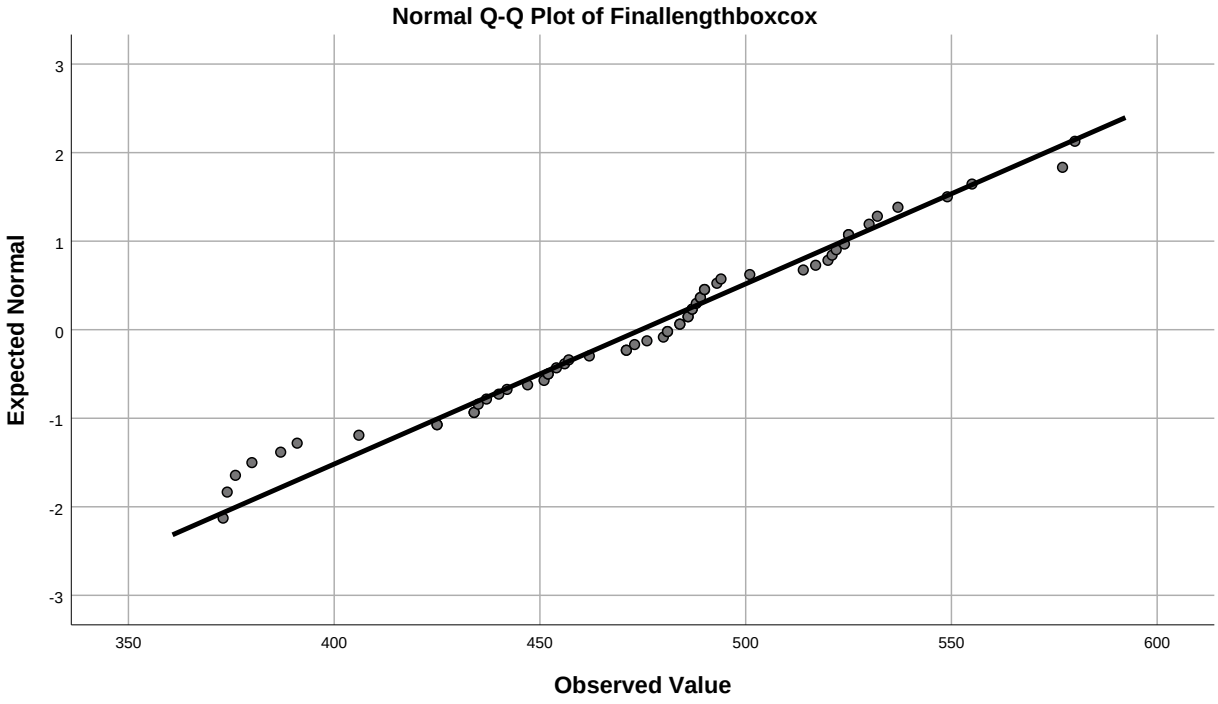

Normal Q-Q Plot of Ageatmaturityboxcox
Expected Normal
2
0
-2
-4
9.25
9.50
9.75
10.00
10.25
Observed Value

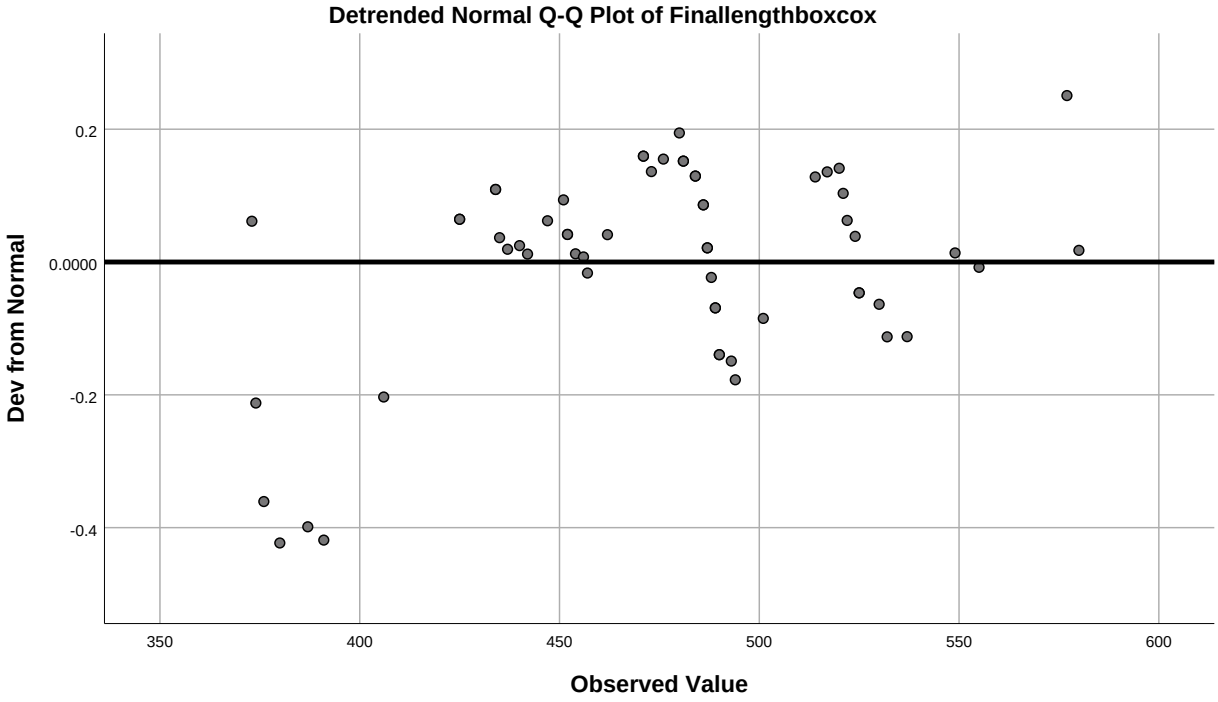

Detrended Normal Q-Q Plot of Ageatmaturityboxcox
Dev from Normal
0.25
0.00
-0.25
-0.50
-0.75
-1.00
9.25
9.50
9.75
10.00
10.25
Observed Value

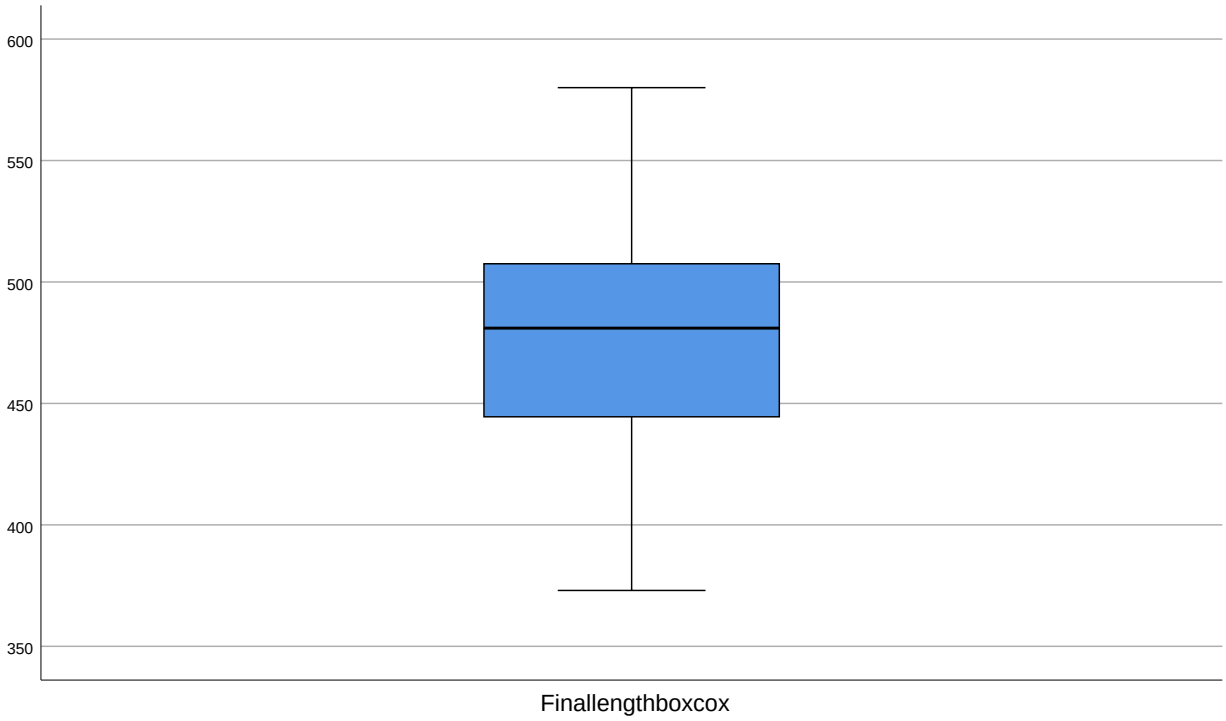


Finallengthboxcox

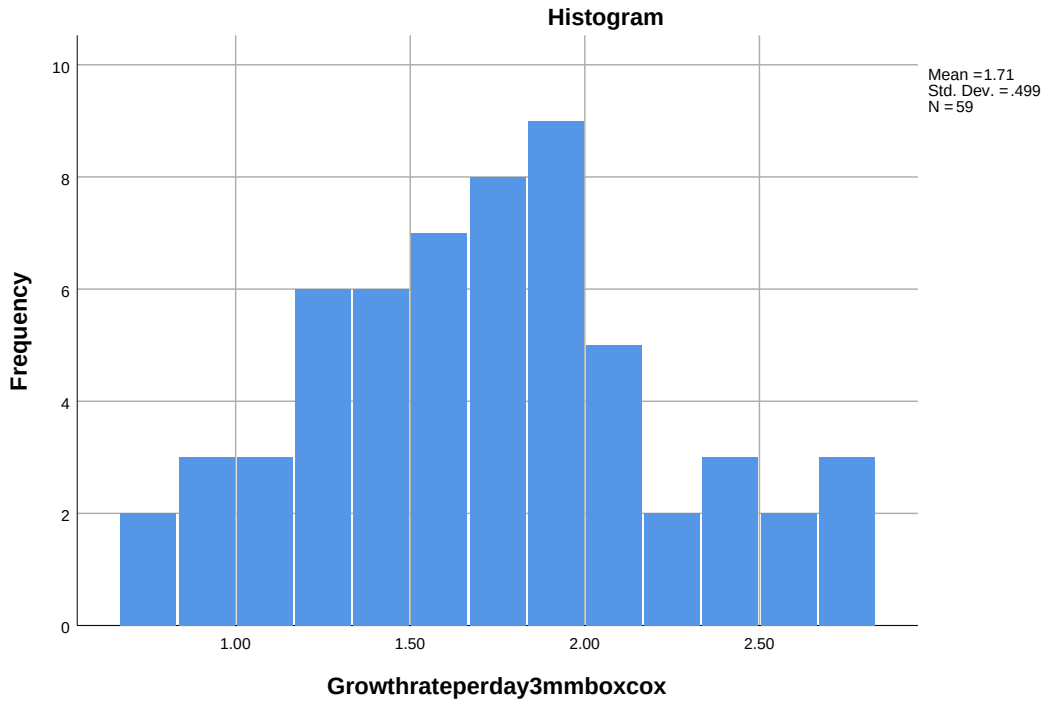


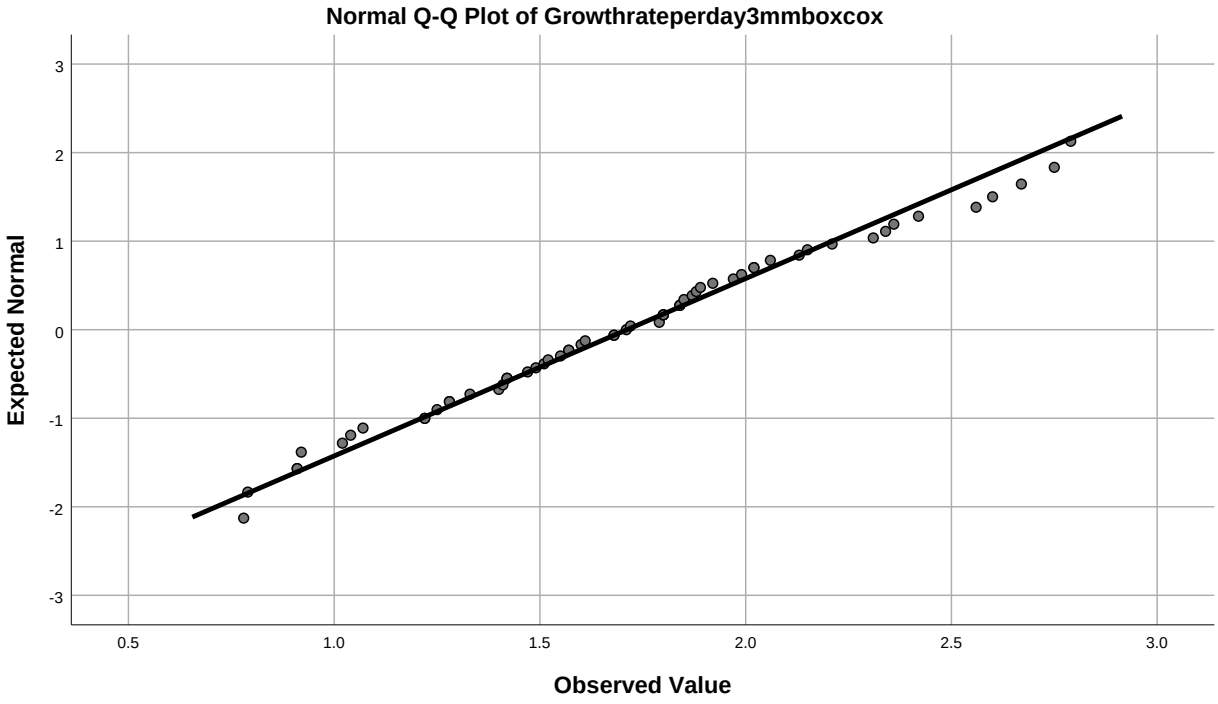

Normal Q-Q Plot of Finallengthboxcox
Expected Normal
3
2
1
0
-1
-2
-3
350
400
450
500
550
600
Observed Value

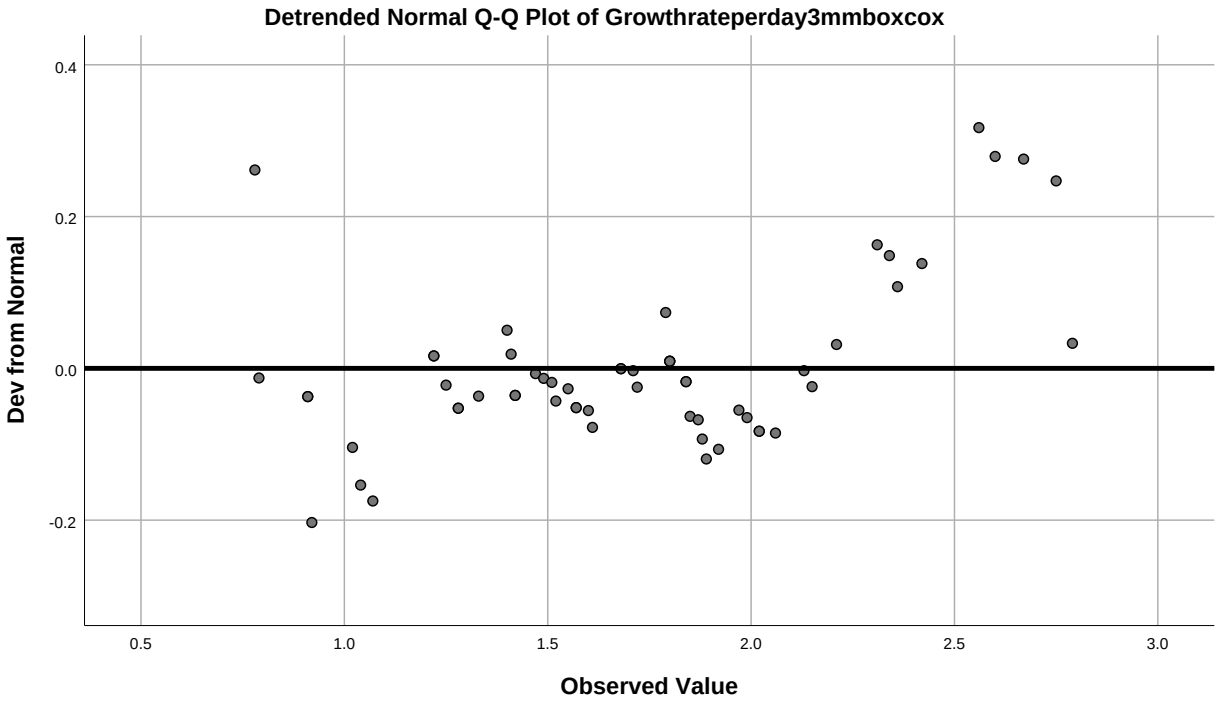

Detrended Normal Q-Q Plot of Finallengthboxcox
Dev from Normal
0.2
0.0000
-0.2
-0.4
350
400
450
500
550
600
Observed Value

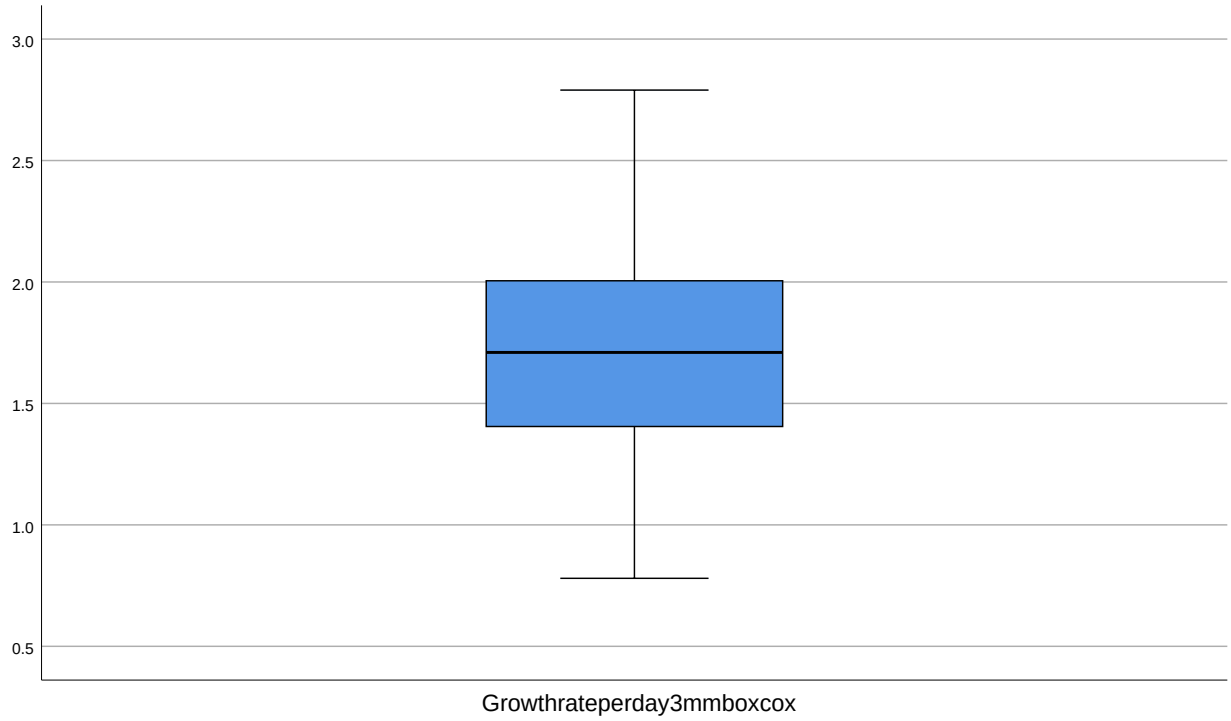


Growthrateperday3mmboxcox




Normal Q-Q Plot of Growthrateperday3mmboxcox
Expected Normal
3
2
1
0
-1
-2
-3
0.5
1.0
1.5
2.0
2.5
3.0
Observed Value


Detrended Normal Q-Q Plot of Growthrateperday3mmboxcox
Dev from Normal
0.4
0.2
0.0
-0.2
0.5
1.0
1.5
2.0
2.5
3.0
Observed Value


3.0
2.5
2.0
1.5
1.0
0.5
Growthrateperday3mmboxcox