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

Explore

Notes

Output Created		22-FEB-2021 13:26:05
Comments		
Input	Data	H:\Documents\Masters research\CompiledDonneLarkindata.sav
	Active Dataset	DataSet1
	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=Finallength inverseloggrowth inversesqrtage /PLOT BOXPLOT HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.

Notes

Resources	Processor Time	00:00:01.67
	Elapsed Time	00:00:01.57

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Finallength	301	42.3%	410	57.7%	711	100.0%
inverseloggrowth	301	42.3%	410	57.7%	711	100.0%
inversesqrtage	301	42.3%	410	57.7%	711	100.0%

Descriptives

			Statistic	Std. Error
Finallength	Mean		4.9552	.03443
	95% Confidence Interval for Mean	Lower Bound	4.8875	
		Upper Bound	5.0230	
	5% Trimmed Mean		4.9583	
	Median		4.9210	
	Variance		.357	
	Std. Deviation		.59729	
	Minimum		3.40	
	Maximum		6.40	
	Range		3.00	
	Interquartile Range		.79	
	Skewness		-.010	.140
	Kurtosis		-.265	.280
inverseloggrowth	Mean		-.25474	.001399
	95% Confidence Interval for Mean	Lower Bound	-.25749	
		Upper Bound	-.25199	
	5% Trimmed Mean		-.25447	
	Median		-.25270	
	Variance		.001	
	Std. Deviation		.024277	
	Minimum		-.324	
	Maximum		-.194	
	Range		.129	

Descriptives

			Statistic	Std. Error
	Interquartile Range		.032	
	Skewness		-.215	.140
	Kurtosis		.090	.280
inversesqrtage	Mean		.0650	.00057
	95% Confidence Interval for Mean	Lower Bound	.0639	
		Upper Bound	.0661	
	5% Trimmed Mean		.0650	
	Median		.0648	
	Variance		.000	
	Std. Deviation		.00982	
	Minimum		.04	
	Maximum		.09	
	Range		.06	
	Interquartile Range		.01	
	Skewness		-.001	.140
	Kurtosis		-.131	.280

Extreme Values

			Case Number	Value
Finallength	Highest	1	597	6.40
		2	247	6.24
		3	269	6.23
		4	244	6.23
		5	268	6.19
	Lowest	1	233	3.40
		2	342	3.43
		3	251	3.55
		4	253	3.59
		5	395	3.65
inverseloggrowth	Highest	1	370	-.194
		2	155	-.199
		3	279	-.200
		4	139	-.201
		5	234	-.203
	Lowest	1	310	-.324
		2	270	-.324
		3	194	-.319
		4	333	-.316
		5	392	-.313[a]
inversesqrtage	Highest	1	51	.09
		2	179	.09
		3	180	.09
		4	16	.09
		5	8	.08[b]
	Lowest	1	435	.04
		2	669	.04
		3	370	.04
		4	279	.04
		5	434	.04

a. Only a partial list of cases with the value -.313 are shown in the table of lower extremes.

b. Only a partial list of cases with the value .08 are shown in the table of upper extremes.

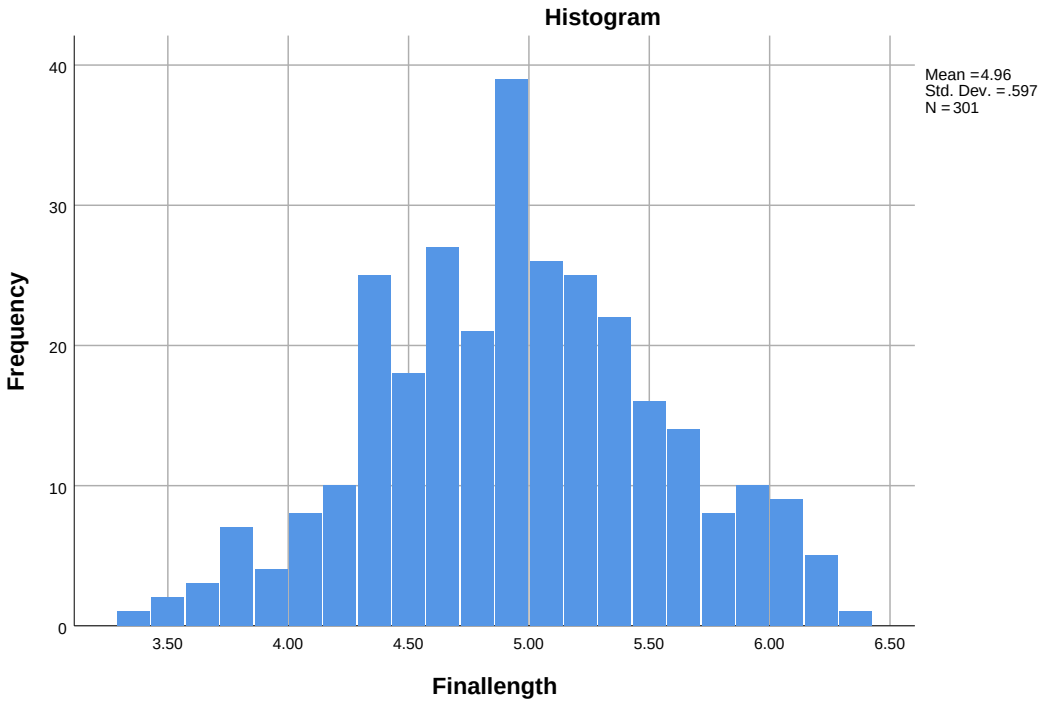
Tests of Normality

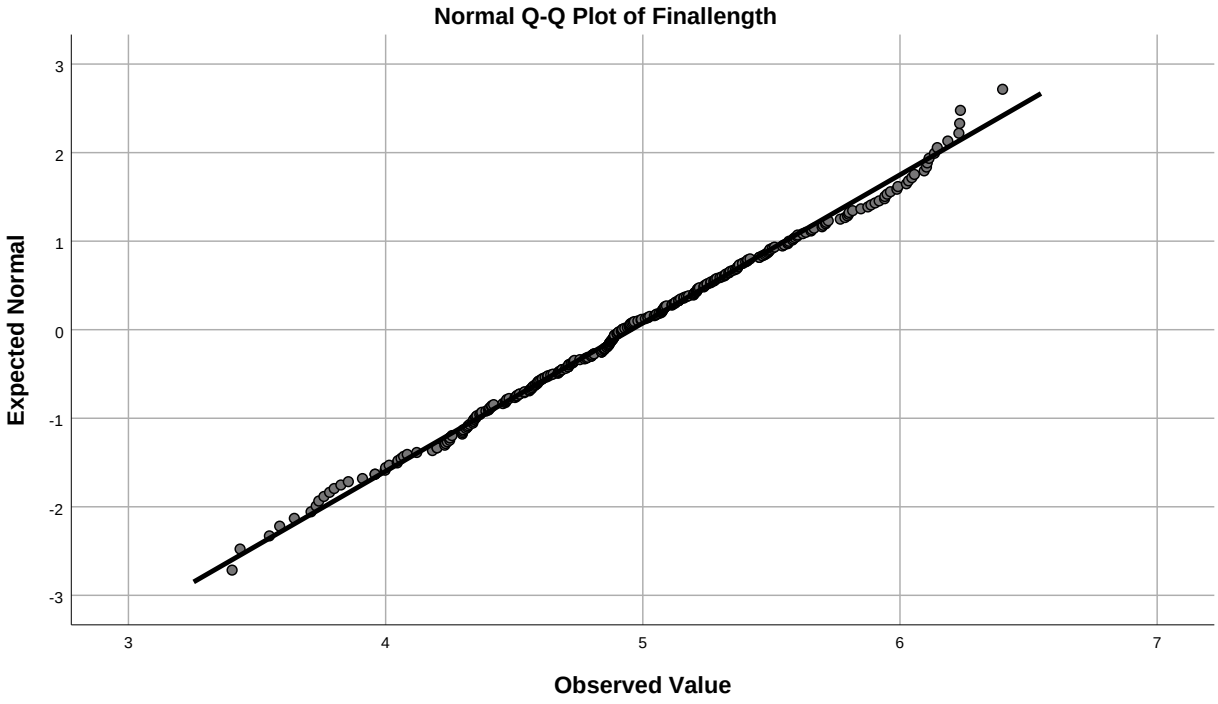
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Finallength	.030	301	.200*	.994	301	.343
inverseloggrowth	.045	301	.200*	.993	301	.179
inversesqrtage	.043	301	.200*	.996	301	.672

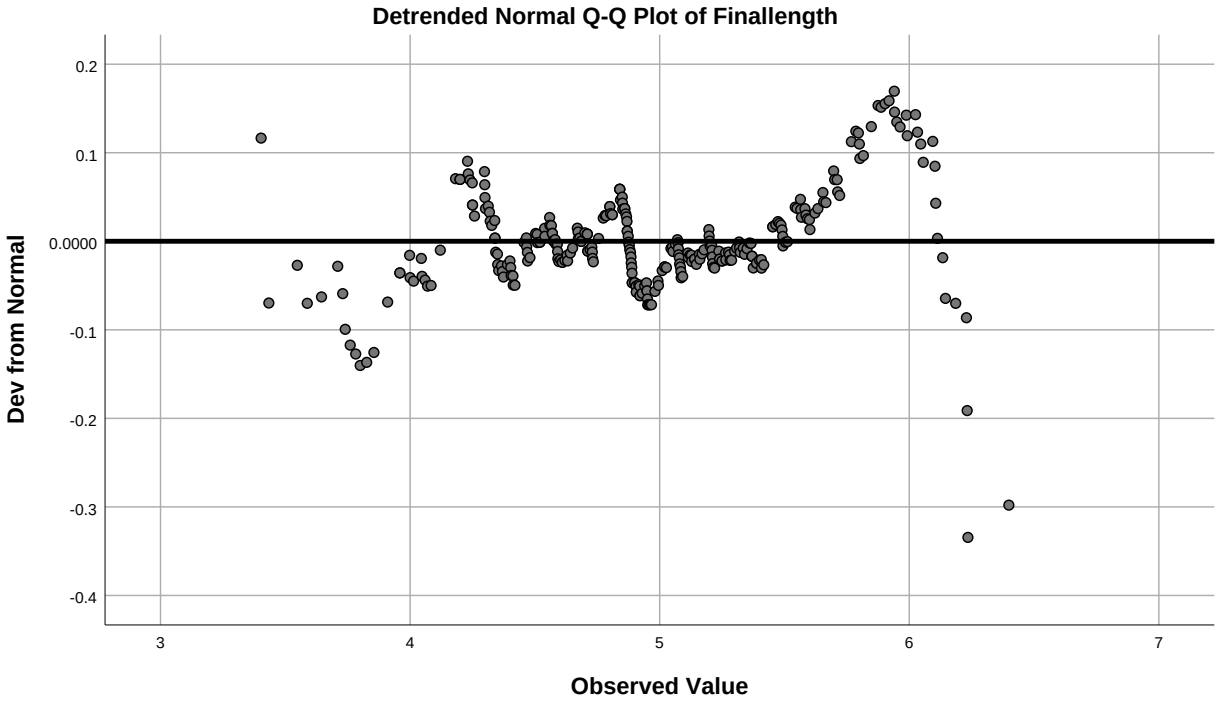
*. This is a lower bound of the true significance.

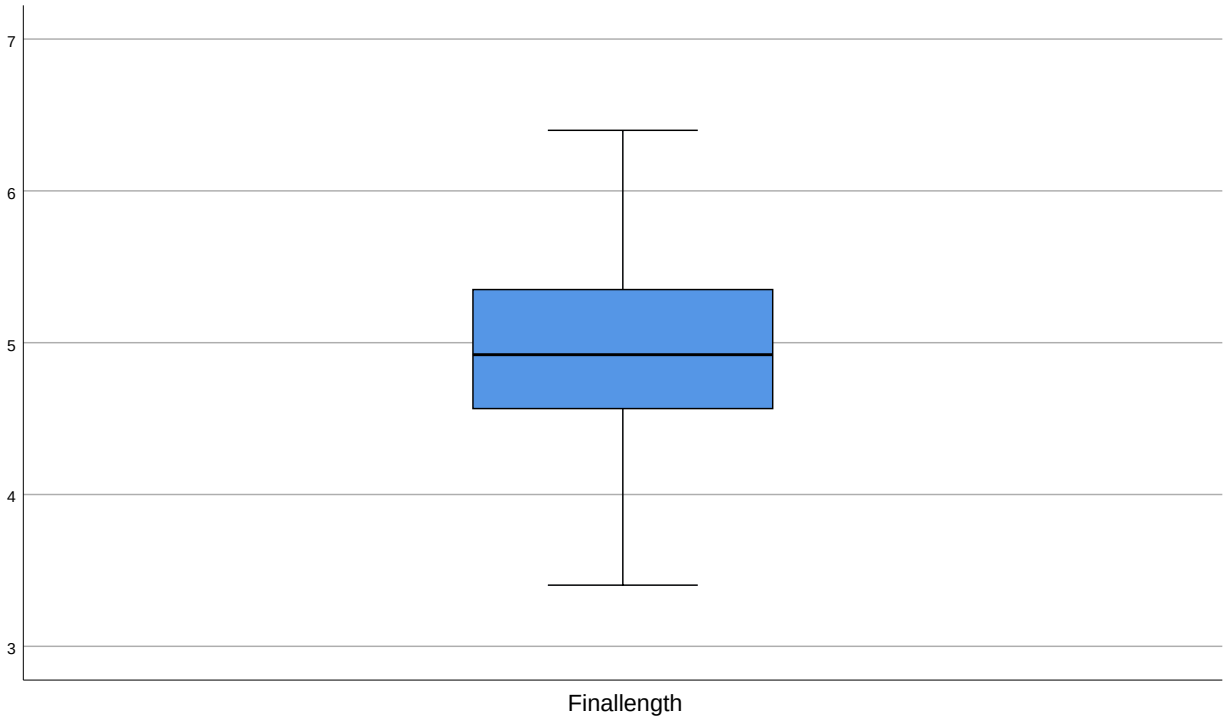
a. Lilliefors Significance Correction

Finallength

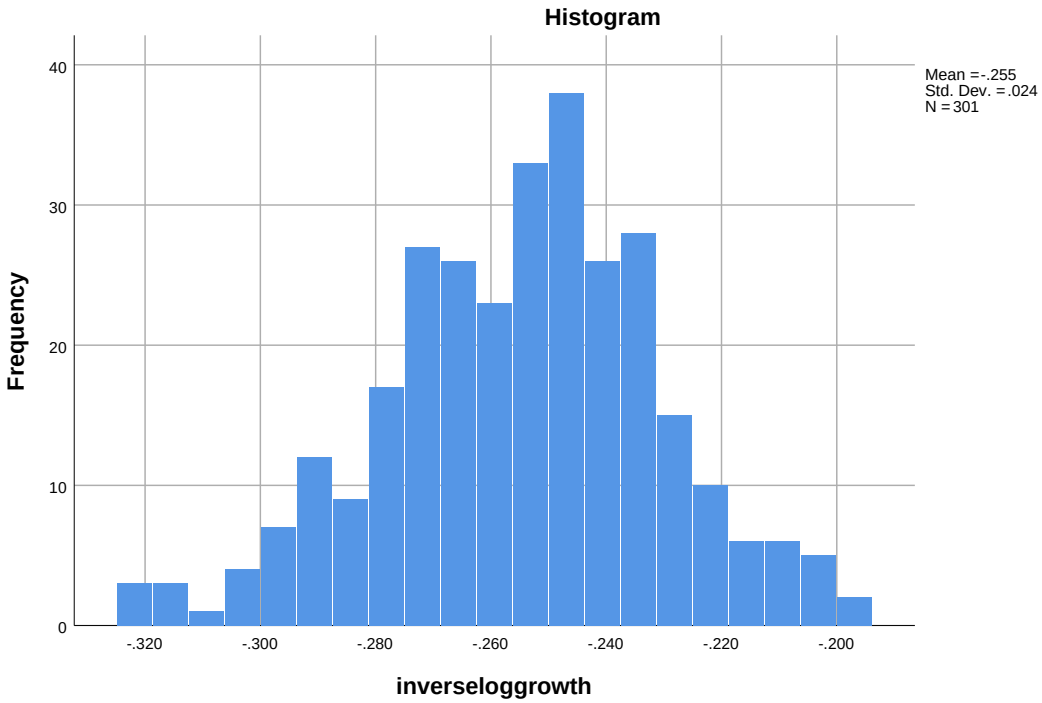


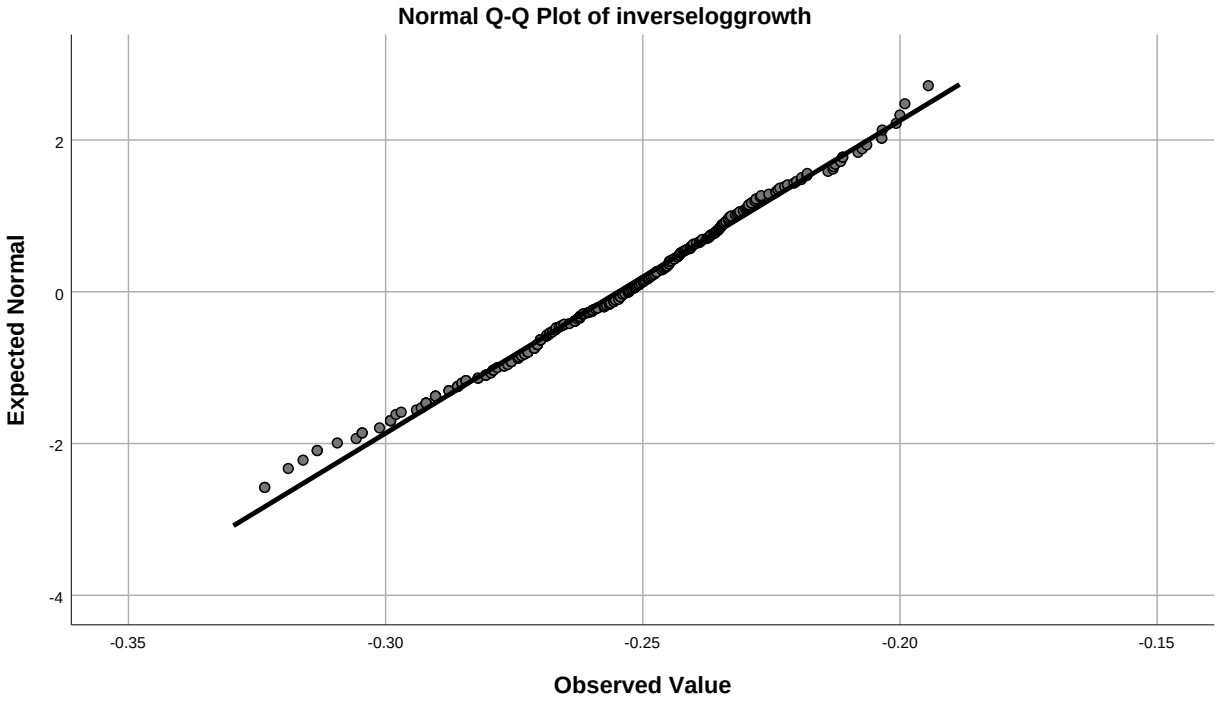

Normal Q-Q Plot of Finallength
Expected Normal
3
2
1
0
-1
-2
-3
3
4
5
6
7
Observed Value

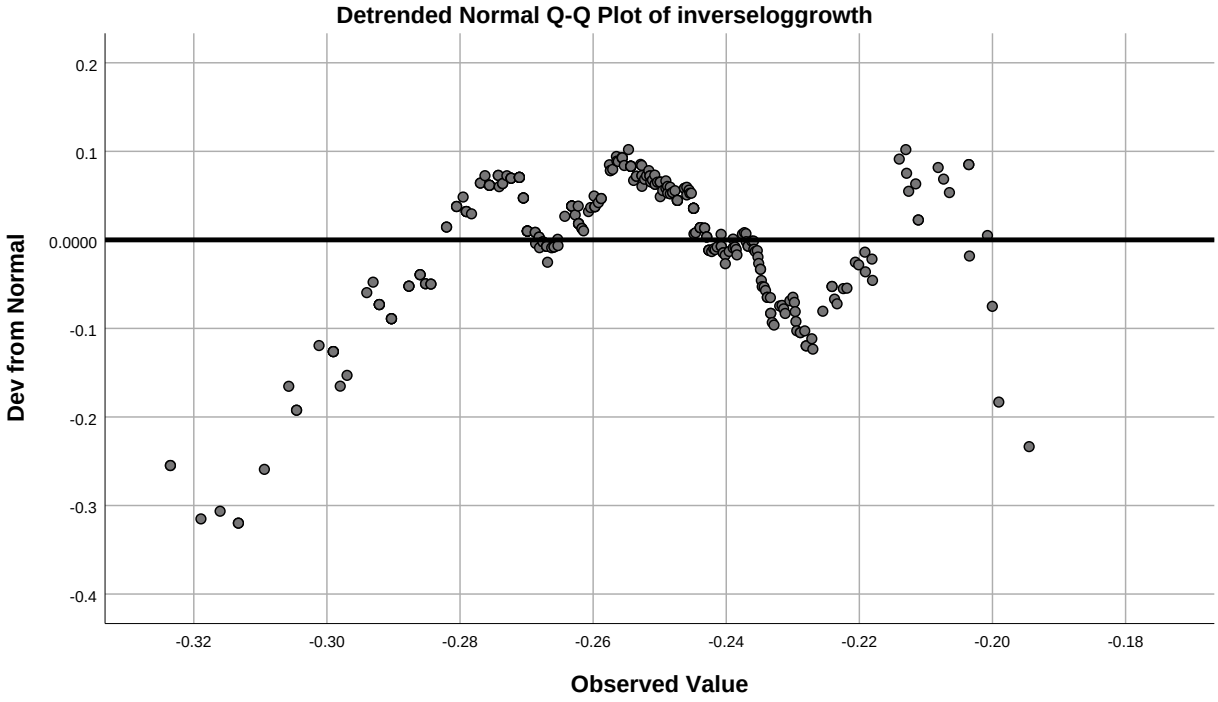

Detrended Normal Q-Q Plot of Finallength
Dev from Normal
0.2
0.1
0.0000
-0.1
-0.2
-0.3
-0.4
3
4
5
6
7
Observed Value

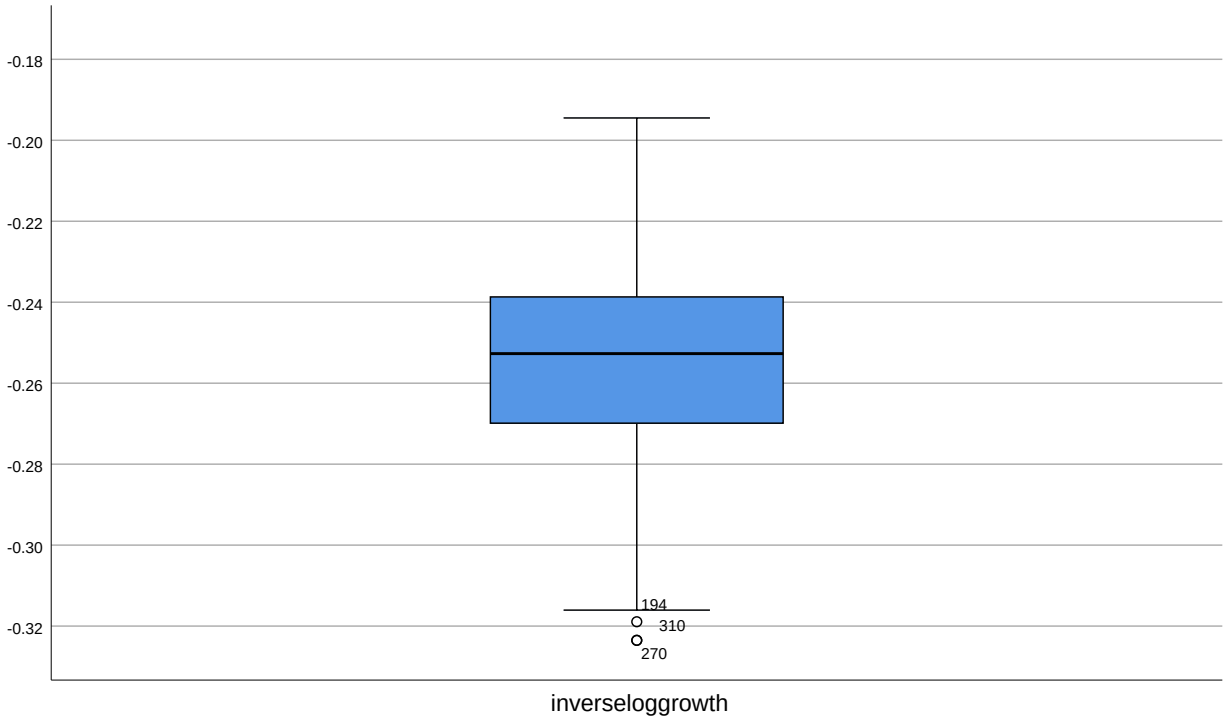


inverseloggrowth

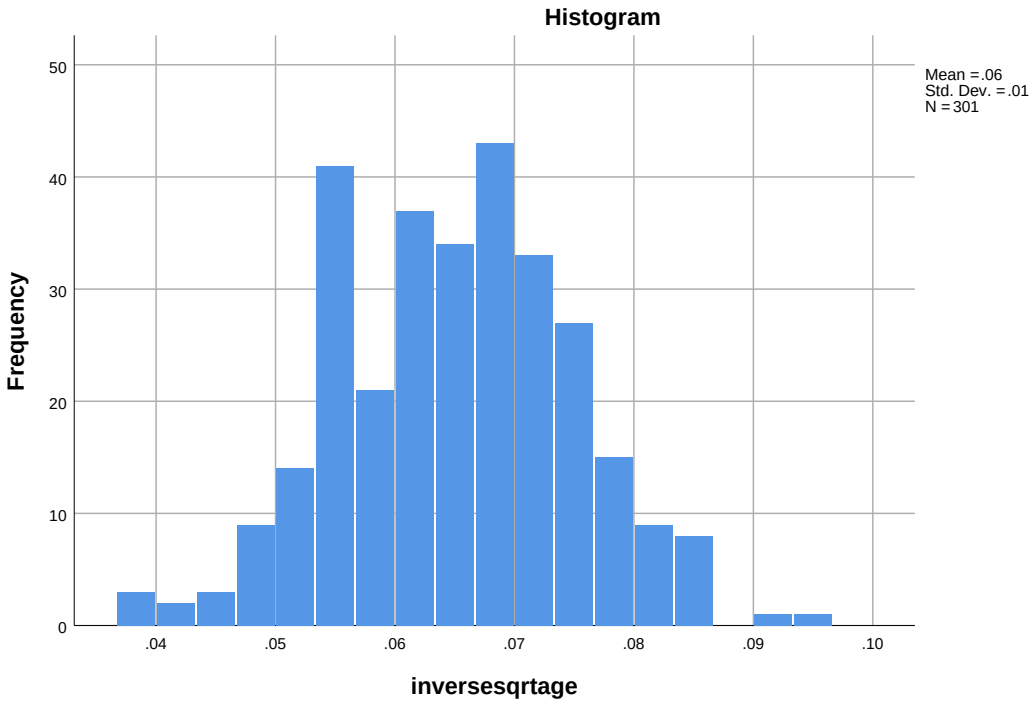


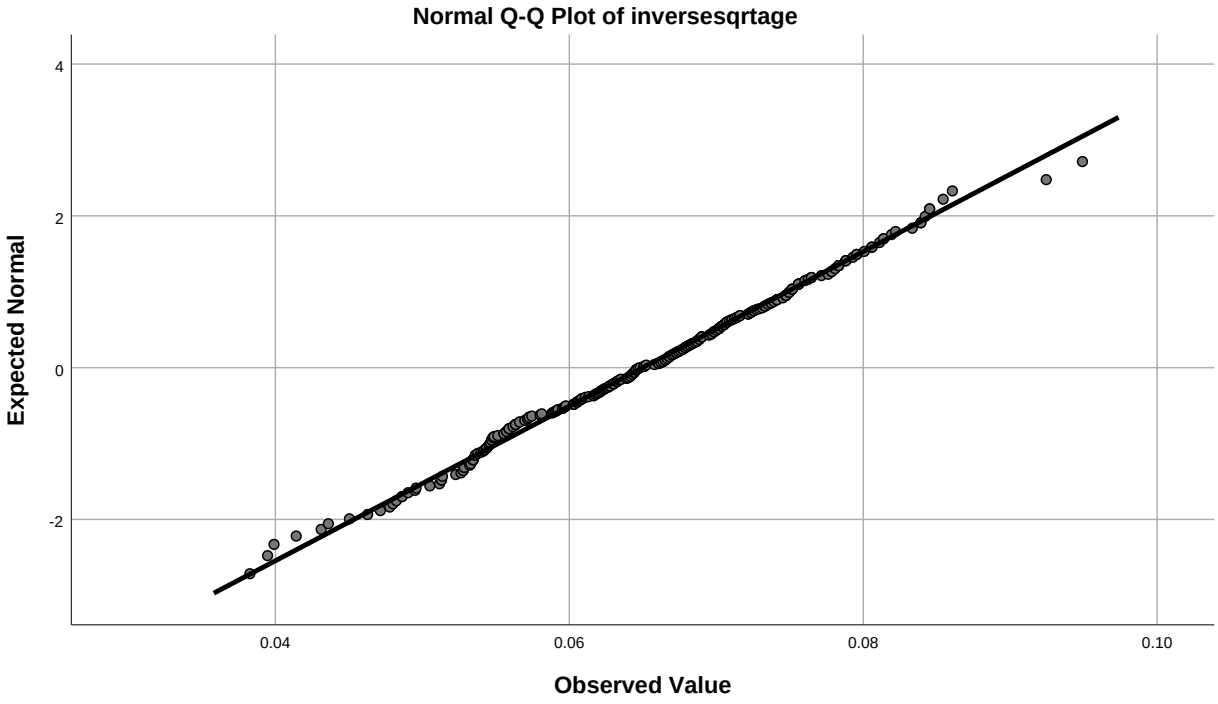

Normal Q-Q Plot of inverseloggrowth
Expected Normal
2
0
-2
-4
-0.35
-0.30
-0.25
-0.20
-0.15
Observed Value

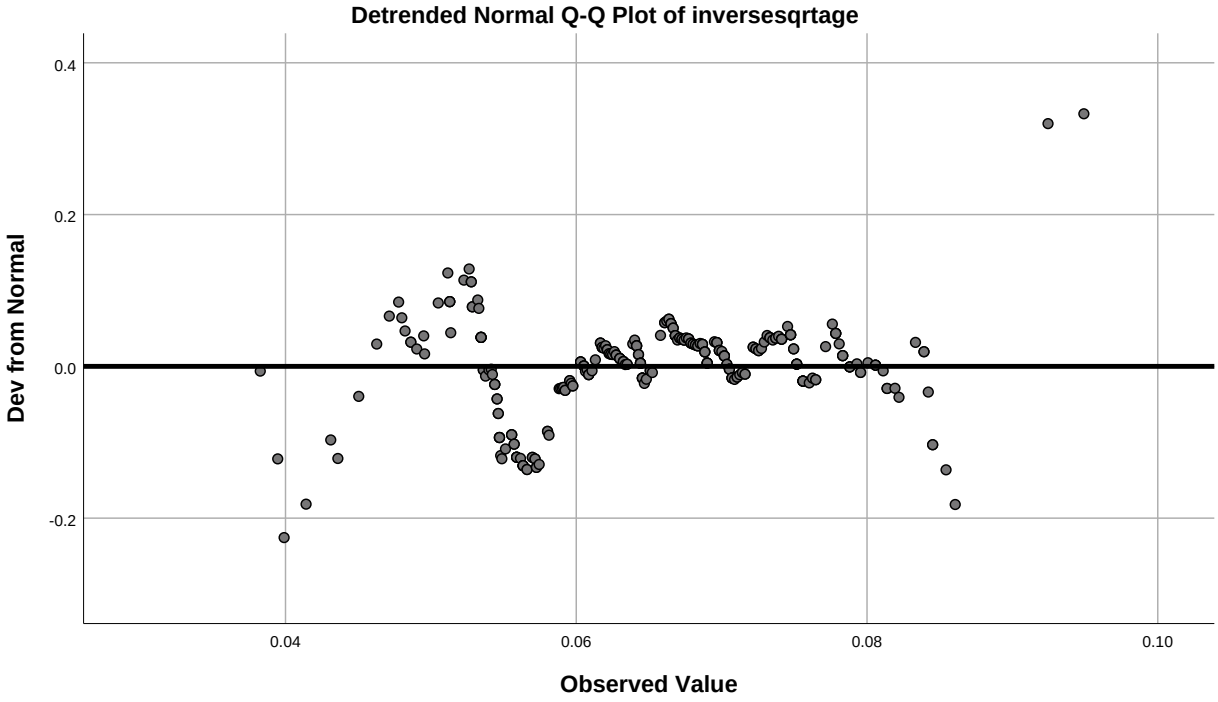

Detrended Normal Q-Q Plot of inverseloggrowth
Dev from Normal
0.2
0.1
0.0000
-0.1
-0.2
-0.3
-0.4
-0.32
-0.30
-0.28
-0.26
-0.24
-0.22
-0.20
-0.18
Observed Value

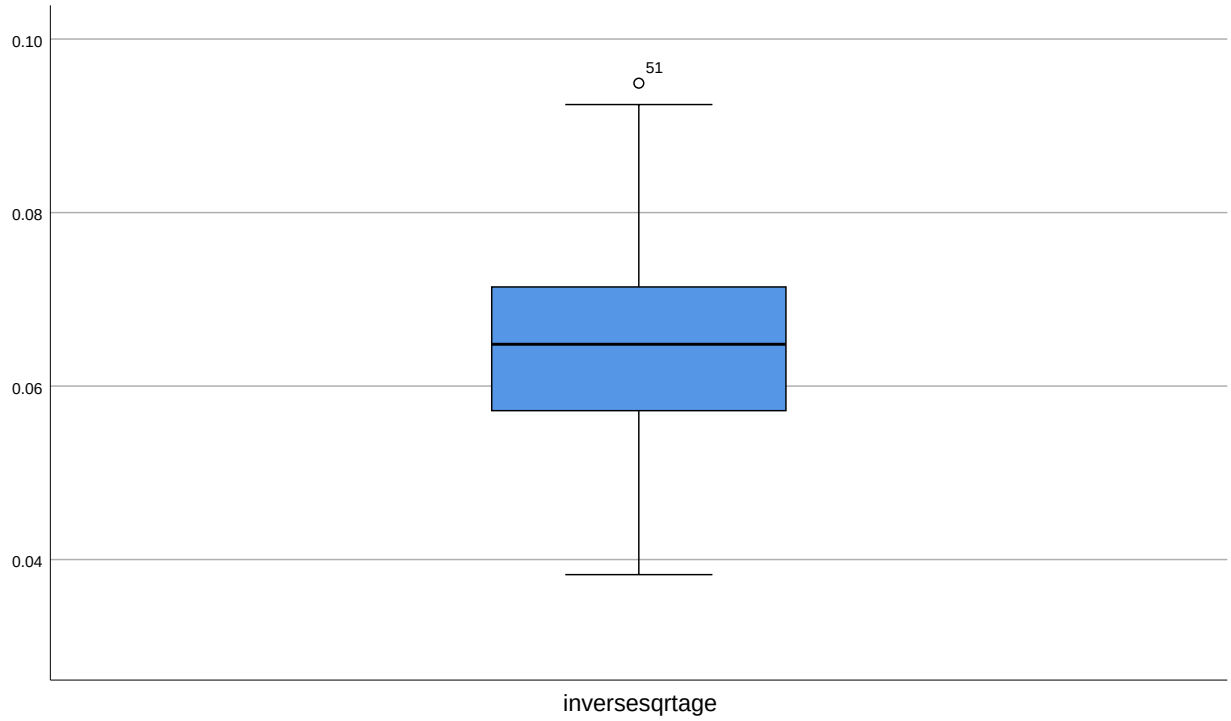


inversesqrtage




Normal Q-Q Plot of inversesqrtage
Expected Normal
4
2
0
-2
0.04
0.06
0.08
0.10
Observed Value


Detrended Normal Q-Q Plot of inversesqrtage
Dev from Normal
0.4
0.2
0.0
-0.2
0.04
0.06
0.08
0.10
Observed Value


0.10
0.08
0.06
0.04
51
inversesqrtage