```
GET
  FILE='\\home.iowa.uiowa.edu\cdonne\Documents\Masters research\untransformedc
ompileddata.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
GET
  FILE='\\home.iowa.uiowa.edu\cdonne\Documents\Masters research\CompiledDonneL
arkindata_1.sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
EXAMINE VARIABLES=Ageatmaturity Finallength growthrate3mm
  /PLOT BOXPLOT HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		25-JAN-2021 14:57:53
Comments		
Input	Data	\\home.iowa.uiowa. edu\cdonne\Documents\M asters research\CompiledDonneL arkindata_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.

Notes

Syntax		EXAMINE VARIABLES=Ageatmaturity Finallength growthrate3mm
		  /PLOT BOXPLOT HISTOGRAM NPPLOT
		  /COMPARE GROUPS
		  /STATISTICS DESCRIPTIVES EXTREME
		  /CINTERVAL 95
		  /MISSING LISTWISE
		  /NOTOTAL.

Resources	Processor Time	00:00:04.99
	Elapsed Time	00:00:03.25

[DataSet2] \\home.iowa.uiowa.edu\cdonne\Documents\Masters research\CompiledDon neLarkindata_1.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Ageatmaturity	301	42.3%	410	57.7%	711	100.0%
Finallength	301	42.3%	410	57.7%	711	100.0%
growthrate3mm	301	42.3%	410	57.7%	711	100.0%

Descriptives

			Statistic	Std. Error
Ageatmaturity	Mean		254.9801	5.03771
	95% Confidence Interval for Mean	Lower Bound	245.0663	
		Upper Bound	264.8938	
	5% Trimmed Mean		247.4969	
	Median		238.0000	
	Variance		7638.926	
	Std. Deviation		87.40095	
	Minimum		111.00	
	Maximum		683.00	
	Range		572.00	
	Interquartile Range		110.50	
	Skewness		1.584	.140
	Kurtosis		4.072	.280
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
growthrate3mm	Mean		.0204	.00043
	95% Confidence Interval for Mean	Lower Bound	.0195	
		Upper Bound	.0212	
	5% Trimmed Mean		.0200	
	Median		.0191	
	Variance		.000	
	Std. Deviation		.00751	
	Minimum		.01	
	Maximum		.05	

Descriptives

	Statistic	Std. Error
Range	.04	
Interquartile Range	.01	
Skewness	.742	.140
Kurtosis	.633	.280

Extreme Values

			Case Number	Value
Ageatmaturity	Highest	1	435	683.00
		2	669	642.00
		3	370	628.00
		4	279	583.00
		5	434	538.00
	Lowest	1	51	111.00
		2	179	117.00
		3	180	135.00
		4	16	137.00
		5	707	140.00[a]
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
growthrate3mm	Highest	1	270	.05
		2	310	.05
		3	194	.04
		4	333	.04
		5	326	.04[b]
	Lowest	1	370	.01
		2	155	.01

Extreme Values

		Case Number	Value
	3	279	.01
	4	139	.01
	5	234	.01

a. Only a partial list of cases with the value 140.00 are shown in the table of lower extremes.

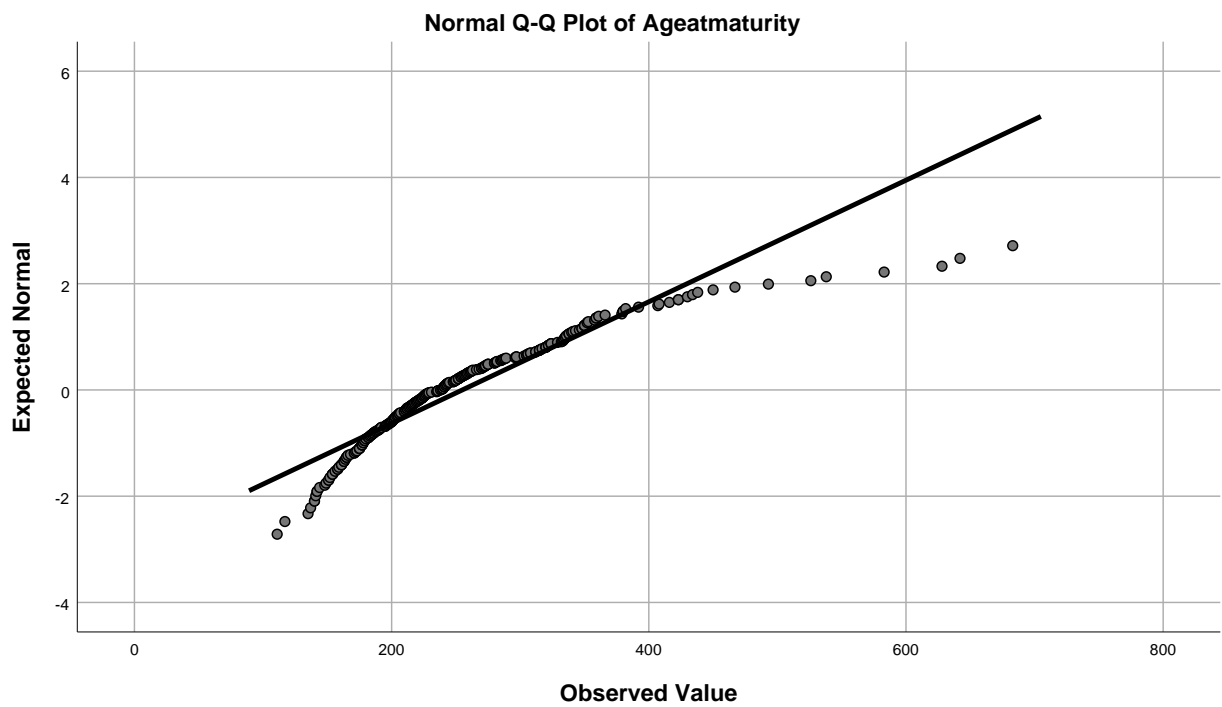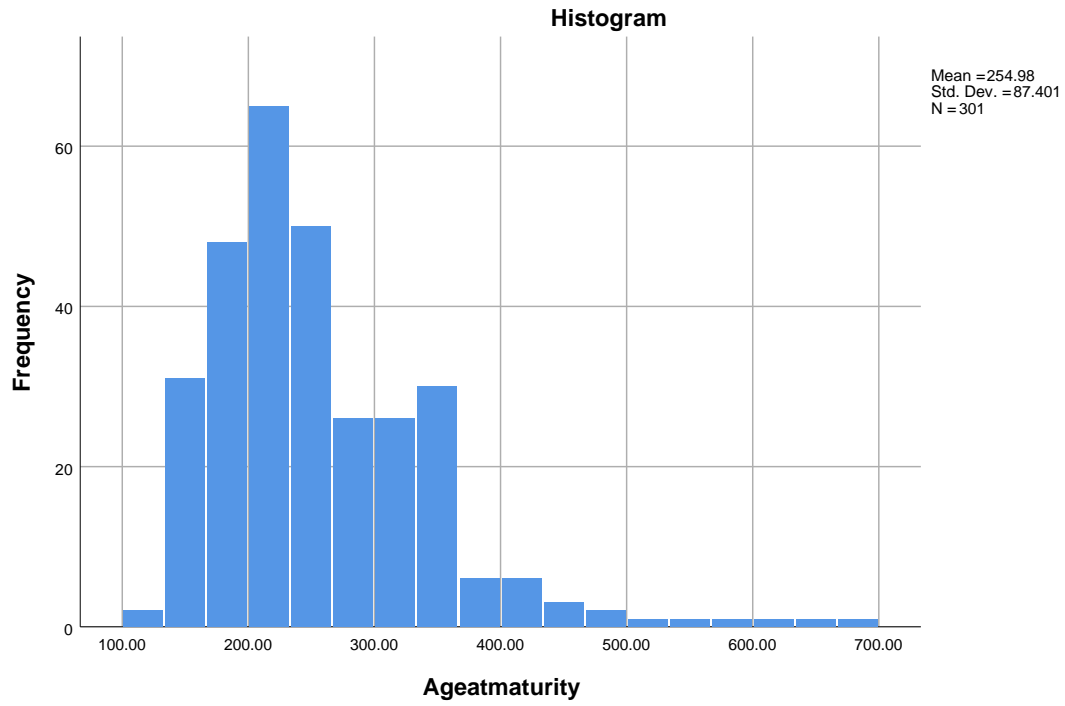b. Only a partial list of cases with the value .04 are shown in the table of upper extremes.
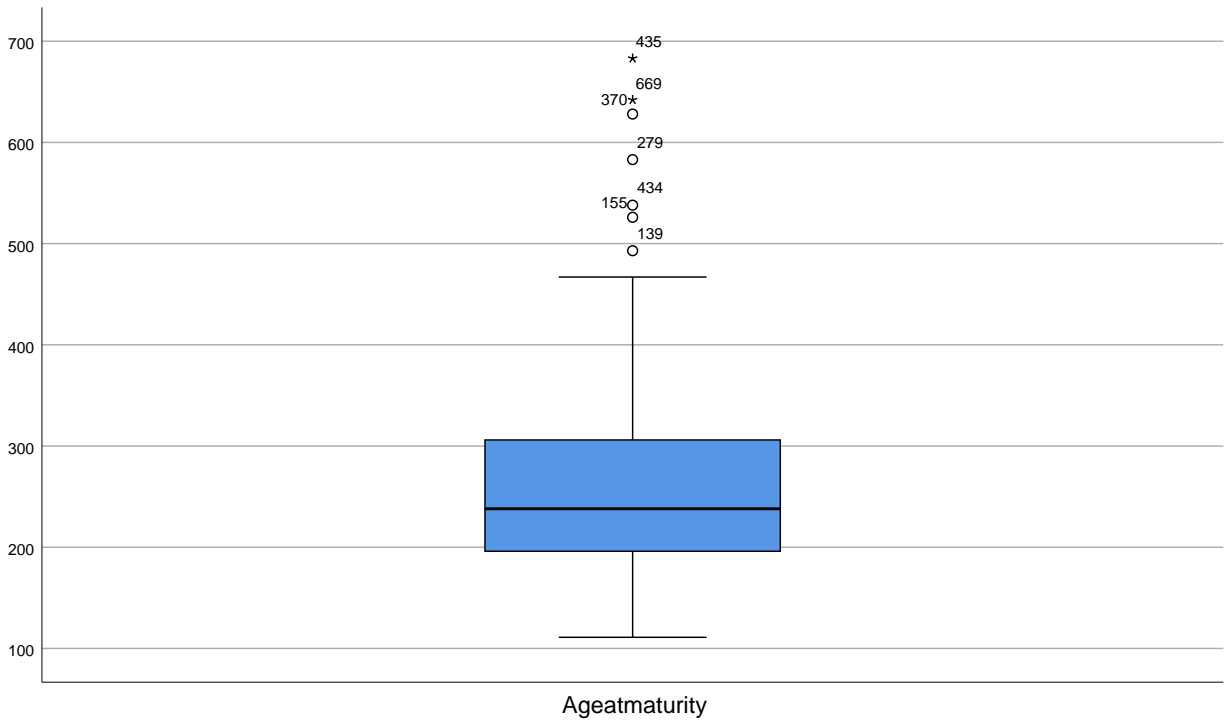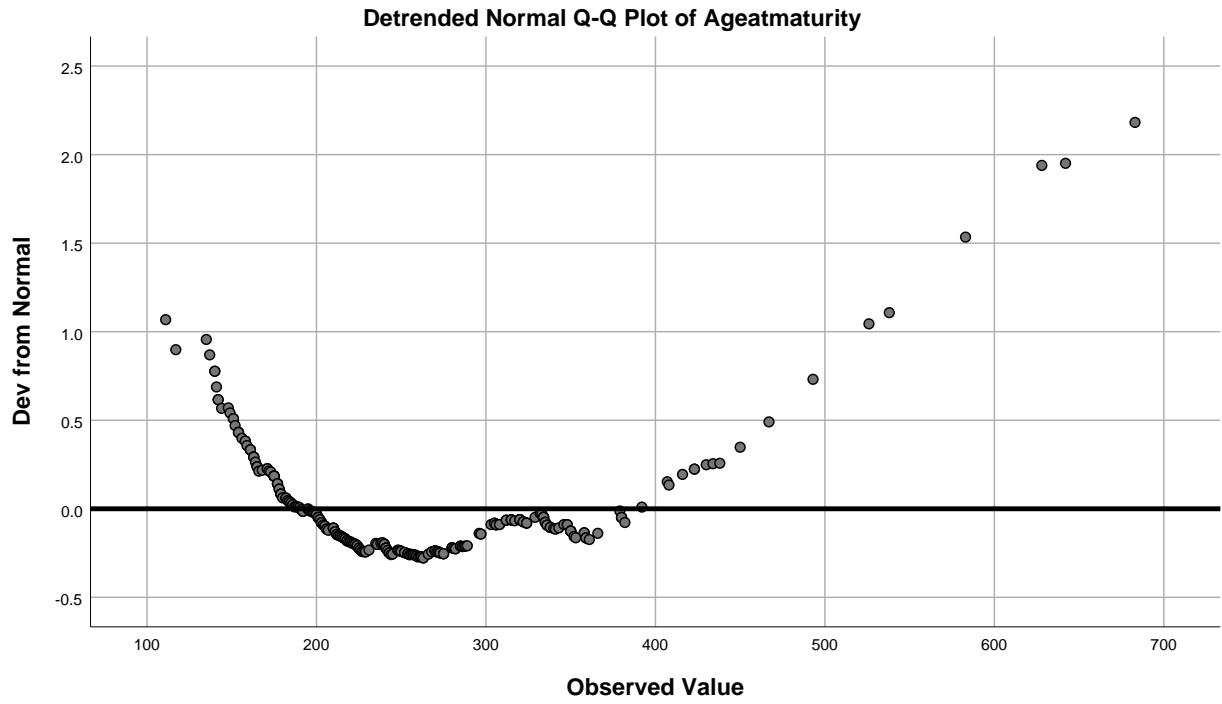
Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ageatmaturity	.111	301	.000	.889	301	.000
Finallength	.030	301	.200[*]	.994	301	.343
growthrate3mm	.080	301	.000	.965	301	.000

*. This is a lower bound of the true significance.
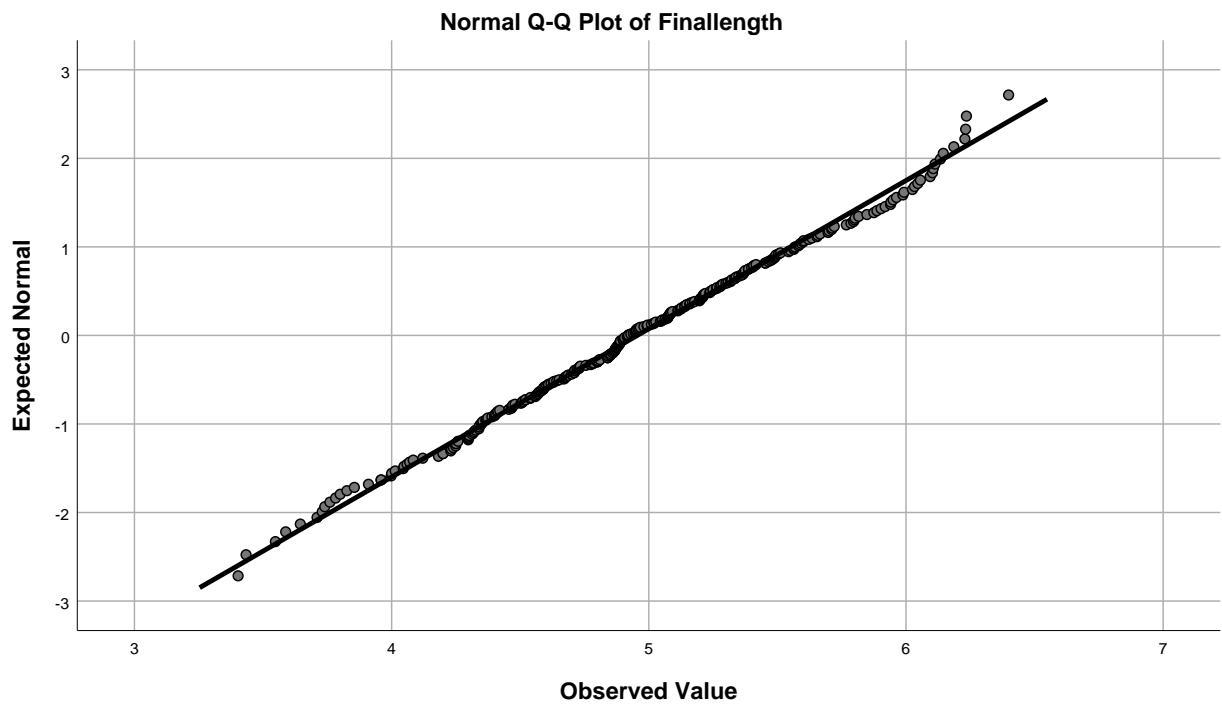
a. Lilliefors Significance Correction

Ageatmaturity

Histogram

Mean =254.98
Std. Dev. =87.401
N =301

Normal Q-Q Plot of Ageatmaturity

Detrended Normal Q-Q Plot of Ageatmaturity

Finallength

Histogram
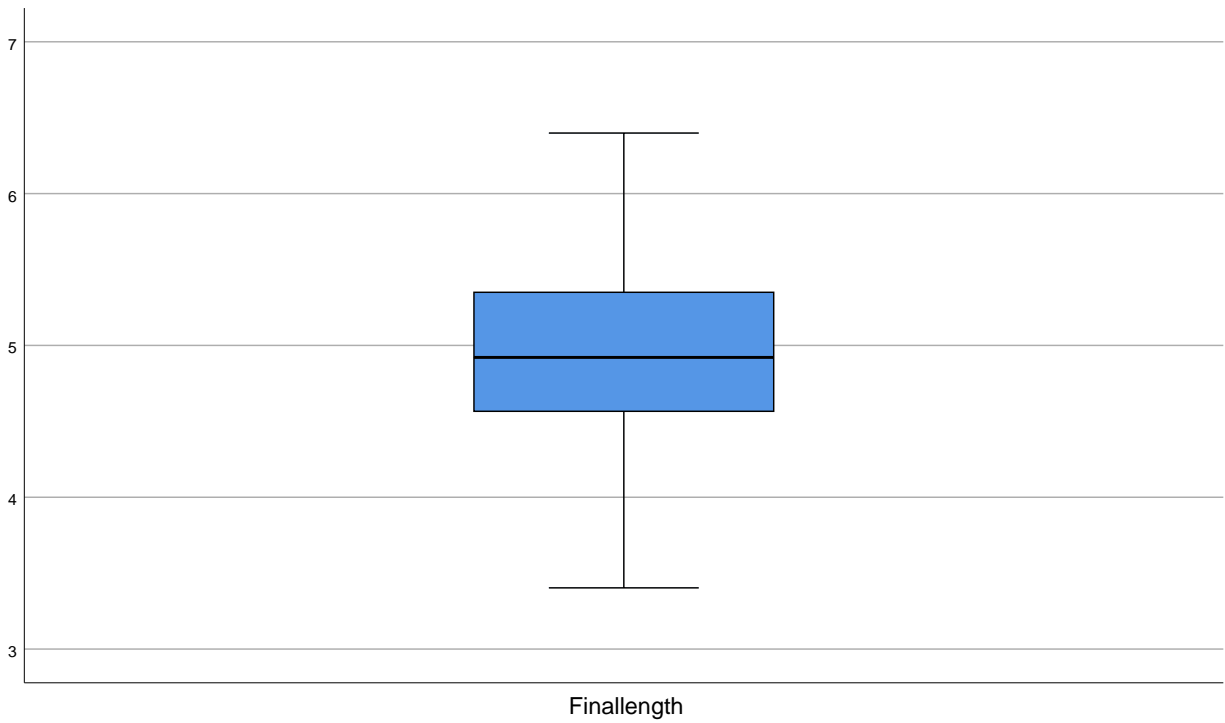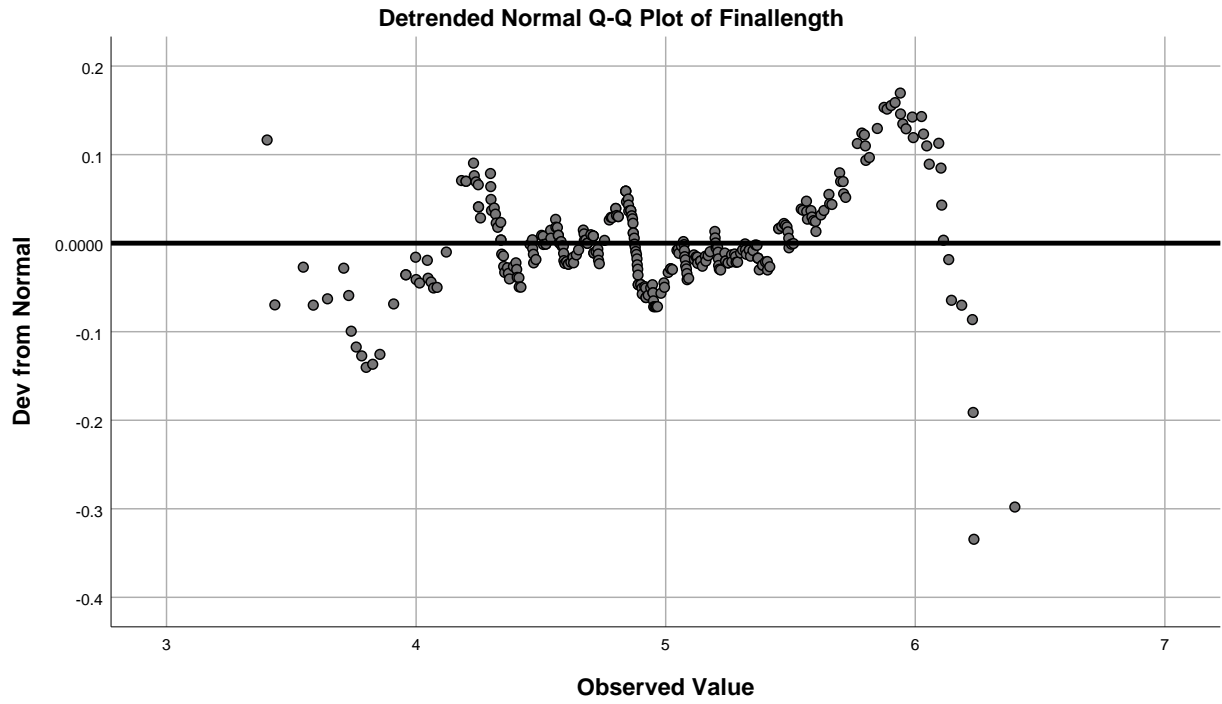

Mean =4.96
Std. Dev. =.597
N =301

Normal Q-Q Plot of Finallength

Detrended Normal Q-Q Plot of Finallength

growthrate3mm

Histogram

Mean =.02
Std. Dev. =.008
N =301

growthrate3mm

Normal Q-Q Plot of growthrate3mm

Detrended Normal Q-Q Plot of growthrate3mm