```
 GET
  FILE='/mnt/nfs/clasnetappvm/homedirs/cdonne/Downloads/Masterdata9.16.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE TRANSLATE OUTFILE=
    '/mnt/nfs/clasnetappvm/homedirs/cdonne/Invasive-cup-project/Data/Masterda
ta9.16.csv'
  /TYPE=CSV
  /ENCODING='UTF8'
  /MAP
  /REPLACE
  /FIELDNAMES
  /CELLS=VALUES.

Data written to /mnt/nfs/clasnetappvm/homedirs/cdonne/Invasive-cup-project/Da
ta/Masterdata9.16.csv.
5 variables and 93 cases written.
Variable: Population        Type: String   Width:  10
Variable: growthrate3mm     Type: Number   Width:   8   Dec: 2
Variable: growthratefinal   Type: Number   Width:   8   Dec: 2
Variable: Ageatmaturity     Type: Number   Width:   8   Dec: 2
Variable: Finallength       Type: Number   Width:   8   Dec: 2


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

Explore

Notes

Output Created		16-SEP-2020 09:22:13
Comments		
Input	Data	/mnt/nfs/clasnetappvm/homedirs/cdonne/Downloads/Masterdata9.16.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	93
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=growthrate3mm growthratefinal Finallength Ageatmaturity /PLOT BOXPLOT HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:03.93
	Elapsed Time	00:00:15.00

[DataSet1] /mnt/nfs/clasnetappvm/homedirs/cdonne/Downloads/Masterdata9.16.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
growthrate3mm	70	75.3%	23	24.7%	93	100.0%
growthratefinal	70	75.3%	23	24.7%	93	100.0%
Finallength	70	75.3%	23	24.7%	93	100.0%
Ageatmaturity	70	75.3%	23	24.7%	93	100.0%

Descriptives

			Statistic	Std. Error
growthrate3mm	Mean		.0174	.00054
	95% Confidence Interval for Mean	Lower Bound	.0163	
		Upper Bound	.0184	
	5% Trimmed Mean		.0173	
	Median		.0171	
	Variance		.000	
	Std. Deviation		.00456	
	Minimum		.01	
	Maximum		.03	
	Range		.02	
	Interquartile Range		.01	
	Skewness		.257	.287
	Kurtosis		-.357	.566
growthratefinal	Mean		.0268	.00371
	95% Confidence Interval for Mean	Lower Bound	.0194	
		Upper Bound	.0342	
	5% Trimmed Mean		.0281	
	Median		.0270	
	Variance		.001	
	Std. Deviation		.03101	
	Minimum		-.19	
	Maximum		.10	
	Range		.29	
	Interquartile Range		.02	
	Skewness		-4.756	.287
	Kurtosis		35.342	.566
Finallength	Mean		4.7119	.05642

Descriptives

			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	4.5993	
		Upper Bound	4.8244	
	5% Trimmed Mean		4.7173	
	Median		4.8000	
	Variance		.223	
	Std. Deviation		.47205	
	Minimum		3.71	
	Maximum		5.80	
	Range		2.09	
	Interquartile Range		.63	
	Skewness		-.245	.287
	Kurtosis		-.222	.566
Ageatmaturity	Mean		203.5571	5.62049
	95% Confidence Interval for Mean	Lower Bound	192.3446	
		Upper Bound	214.7697	
	5% Trimmed Mean		201.1746	
	Median		198.5000	
	Variance		2211.294	
	Std. Deviation		47.02440	
	Minimum		111.00	
	Maximum		340.00	
	Range		229.00	
	Interquartile Range		57.25	
	Skewness		.747	.287
	Kurtosis		.379	.566

Extreme Values

			Case Number	Value
growthrate3mm	Highest	1	4	.03
		2	5	.03
		3	14	.03
		4	16	.03
		5	74	.03
	Lowest	1	33	.01
		2	92	.01
		3	85	.01
		4	36	.01
		5	55	.01
growthratefinal	Highest	1	92	.10
		2	8	.07
		3	81	.07
		4	10	.07
		5	52	.06
	Lowest	1	51	-.19
		2	37	.01
		3	54	.01
		4	4	.01
		5	90	.01
Finallength	Highest	1	52	5.80
		2	2	5.55
		3	61	5.49
		4	18	5.48
		5	59	5.37
	Lowest	1	92	3.71
		2	90	3.73
		3	80	3.74
		4	65	3.76
		5	62	3.80
Ageatmaturity	Highest	1	54	340.00
		2	33	324.00
		3	55	315.00
		4	37	275.00
		5	92	273.00
	Lowest	1	51	111.00
		2	16	137.00

Extreme Values

		Case Number	Value
	3	8	140.00
	4	67	141.00
	5	14	142.00

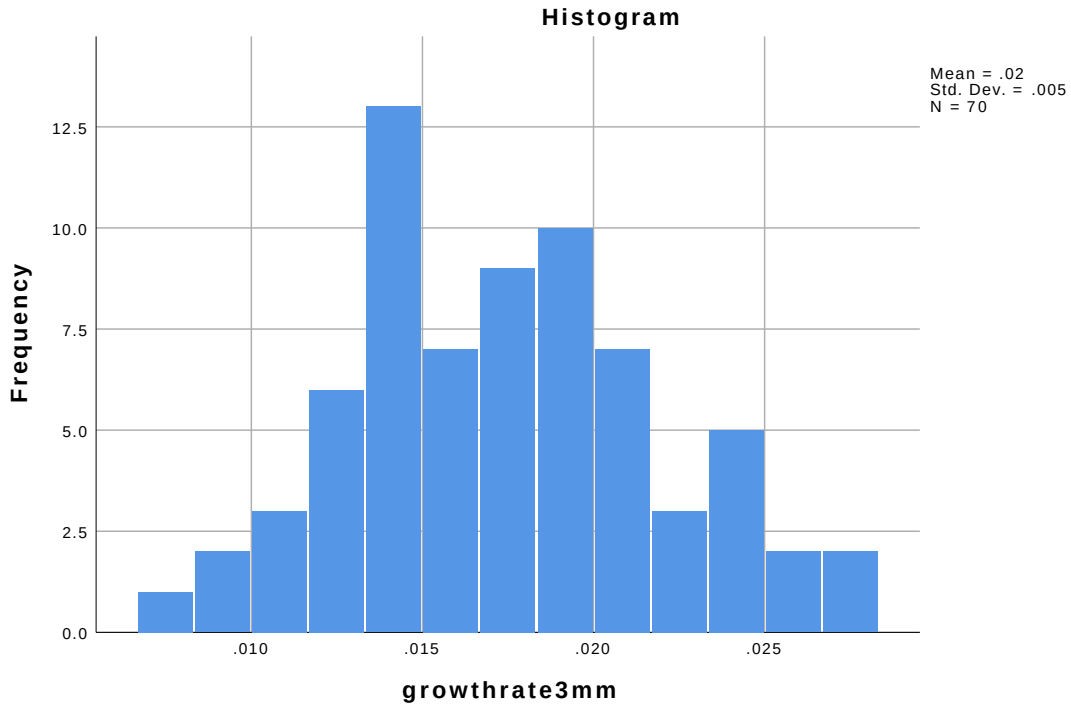
Tests of Normality

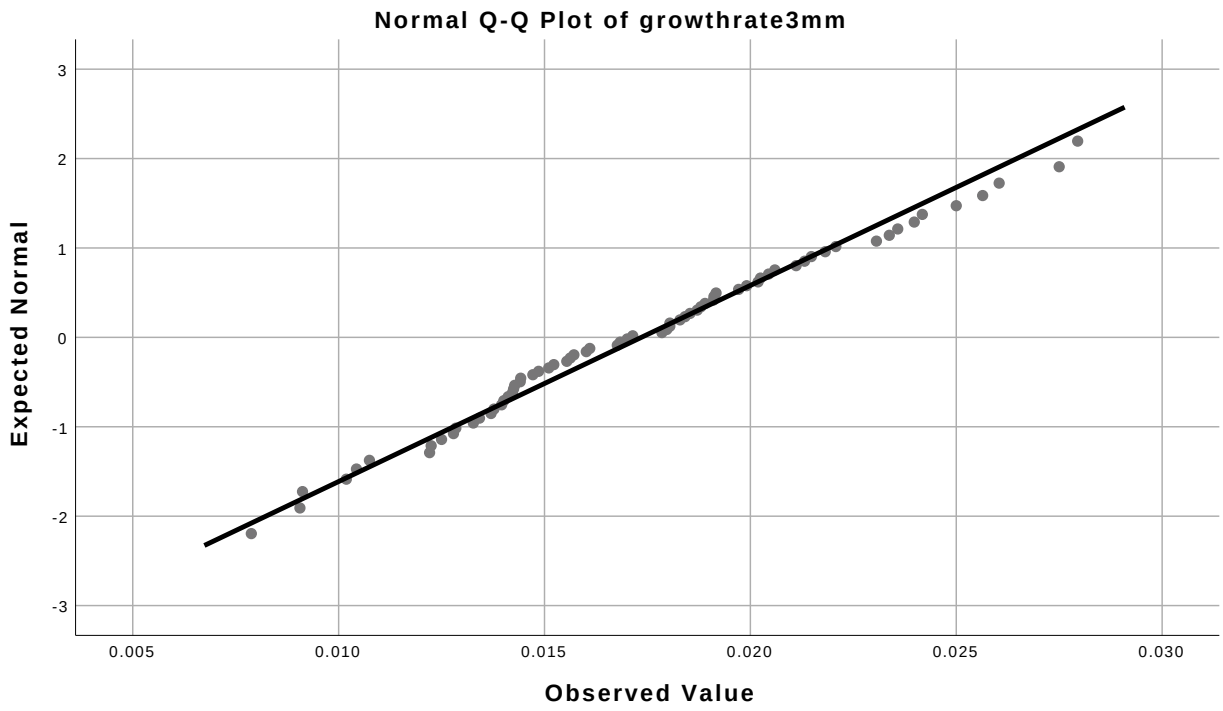
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
growthrate3mm	.069	70	.200*	.985	70	.592
growthratefinal	.263	70	.000	.552	70	.000
Finallength	.088	70	.200*	.979	70	.294
Ageatmaturity	.118	70	.017	.955	70	.013

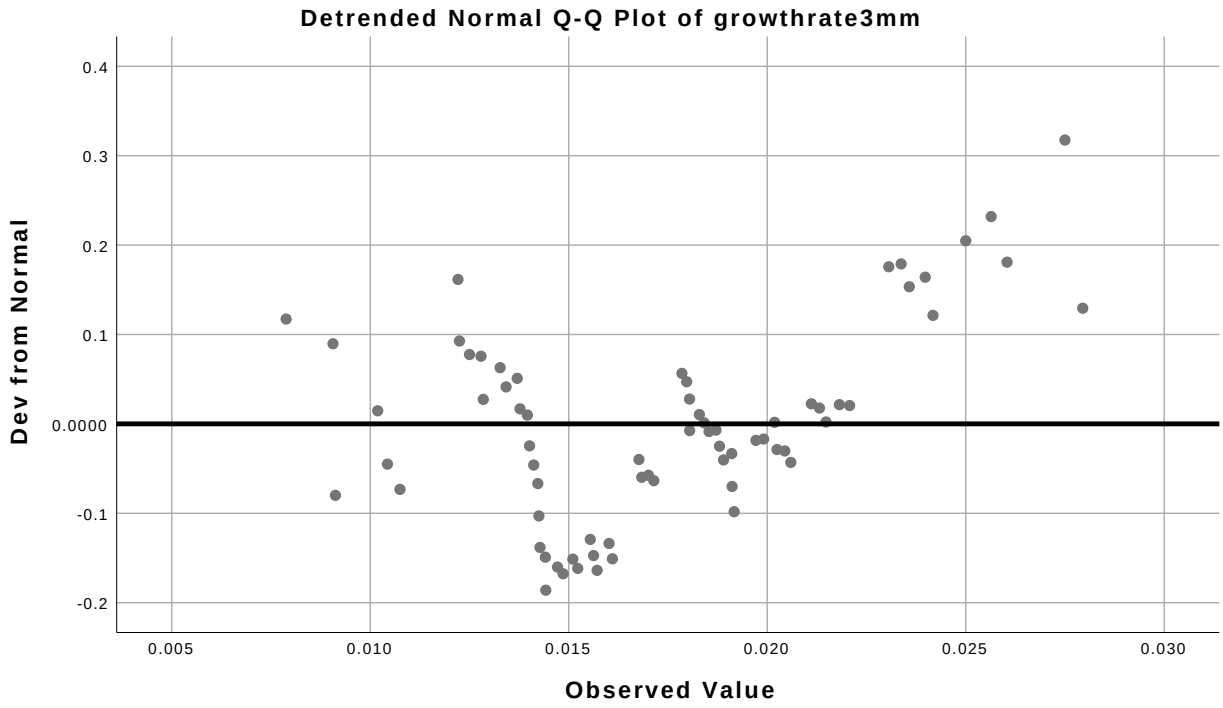
*. This is a lower bound of the true significance.

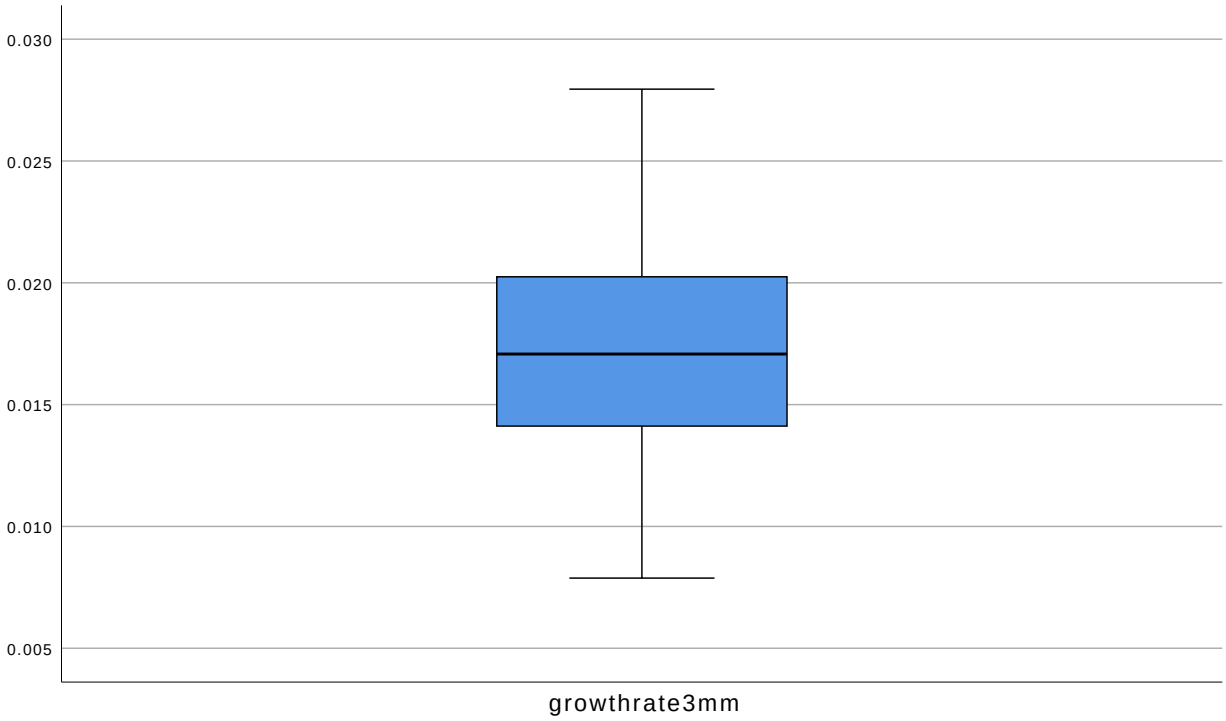
a. Lilliefors Significance Correction

growthrate3mm

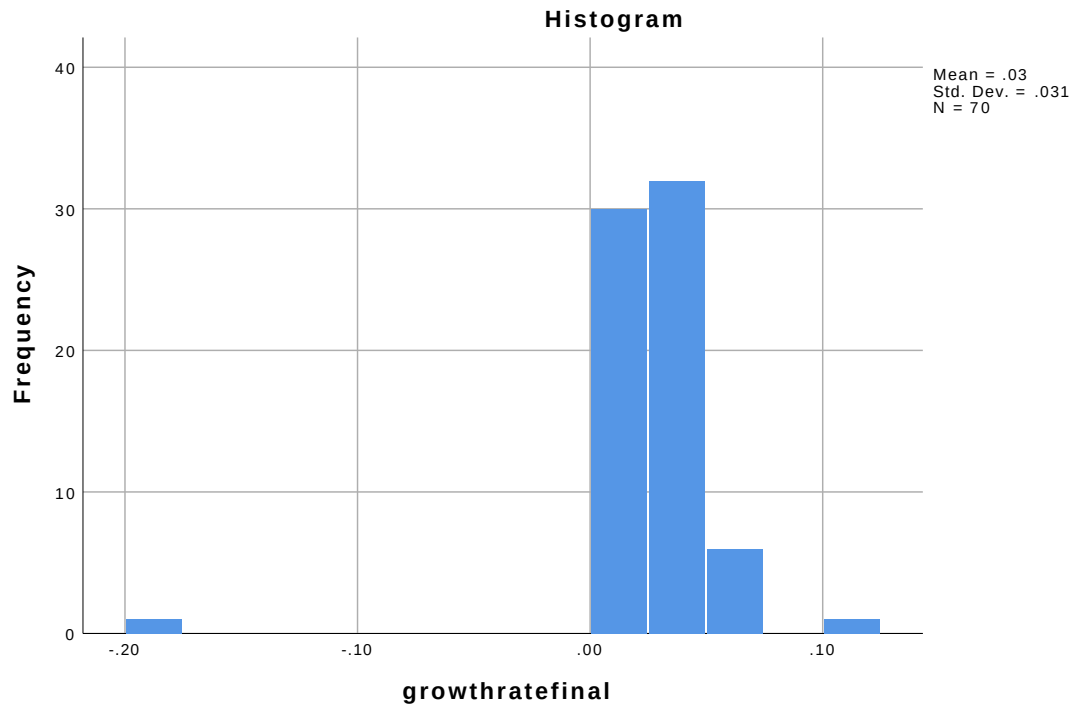


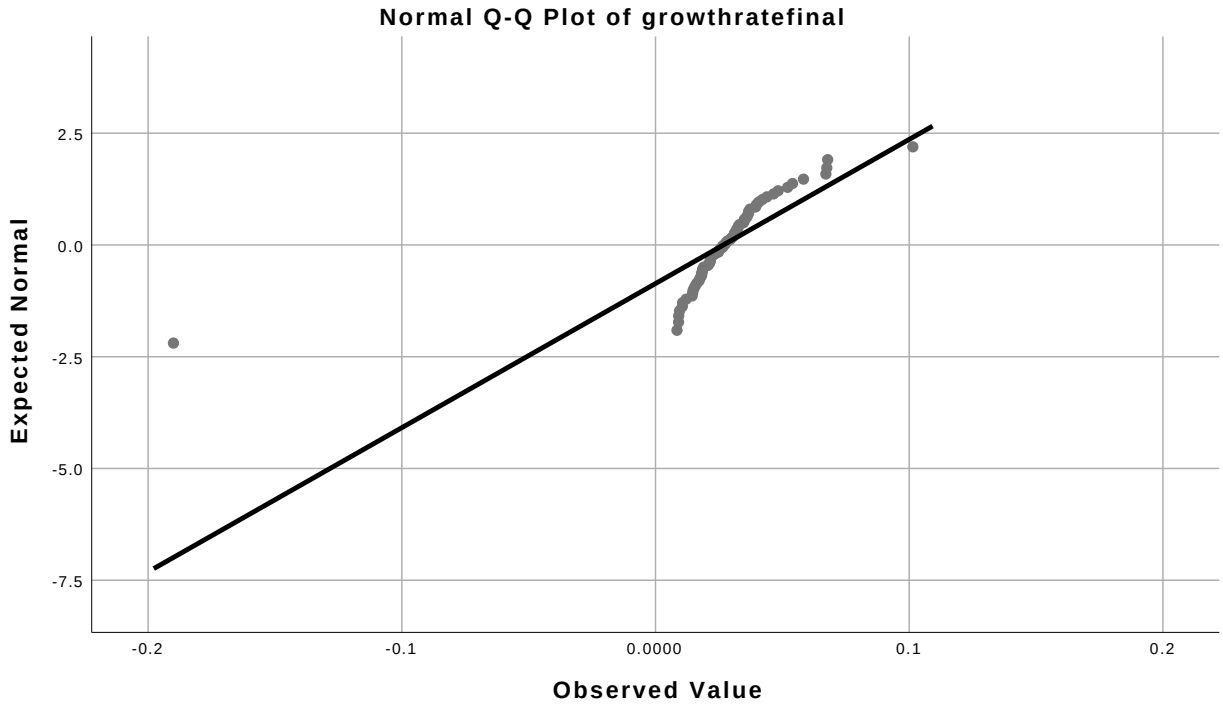

Normal Q-Q Plot of growthrate3mm
Expected Normal
3
2
1
0
-1
-2
-3
0.005
0.010
0.015
0.020
0.025
0.030
Observed Value

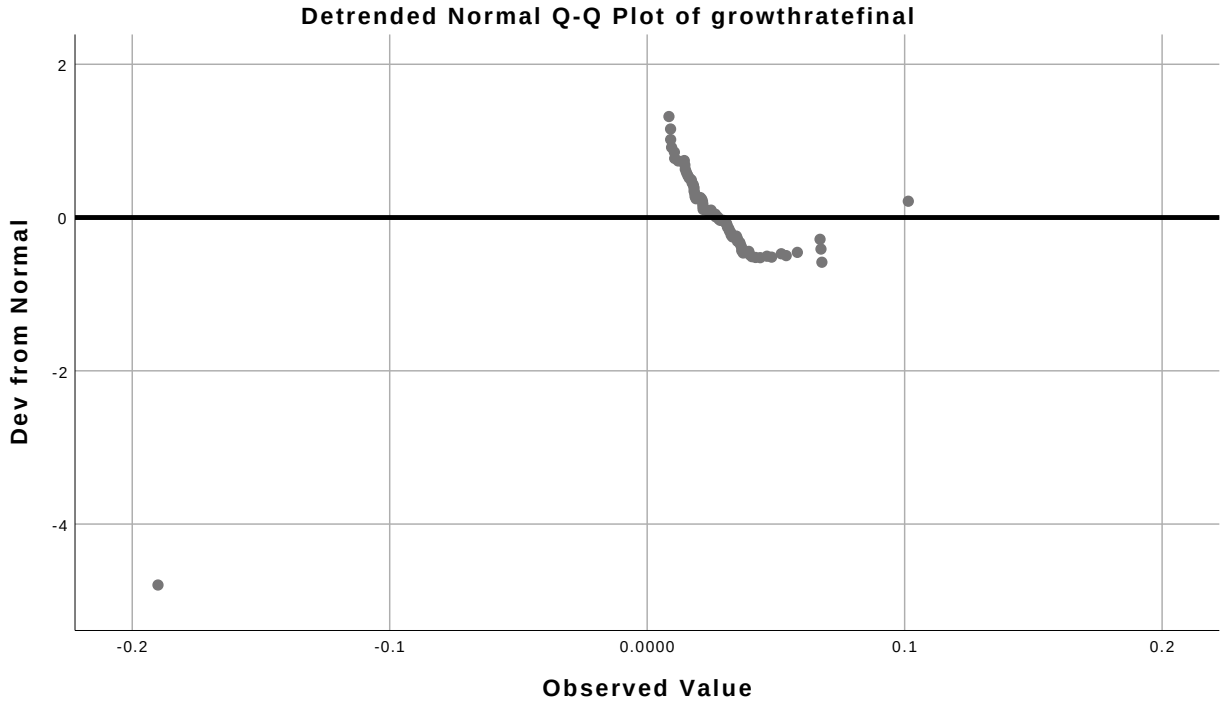

Detrended Normal Q-Q Plot of growthrate3mm
Dev from Normal
0.4
0.3
0.2
0.1
0.0000
-0.1
-0.2
0.005
0.010
0.015
0.020
0.025
0.030
Observed Value

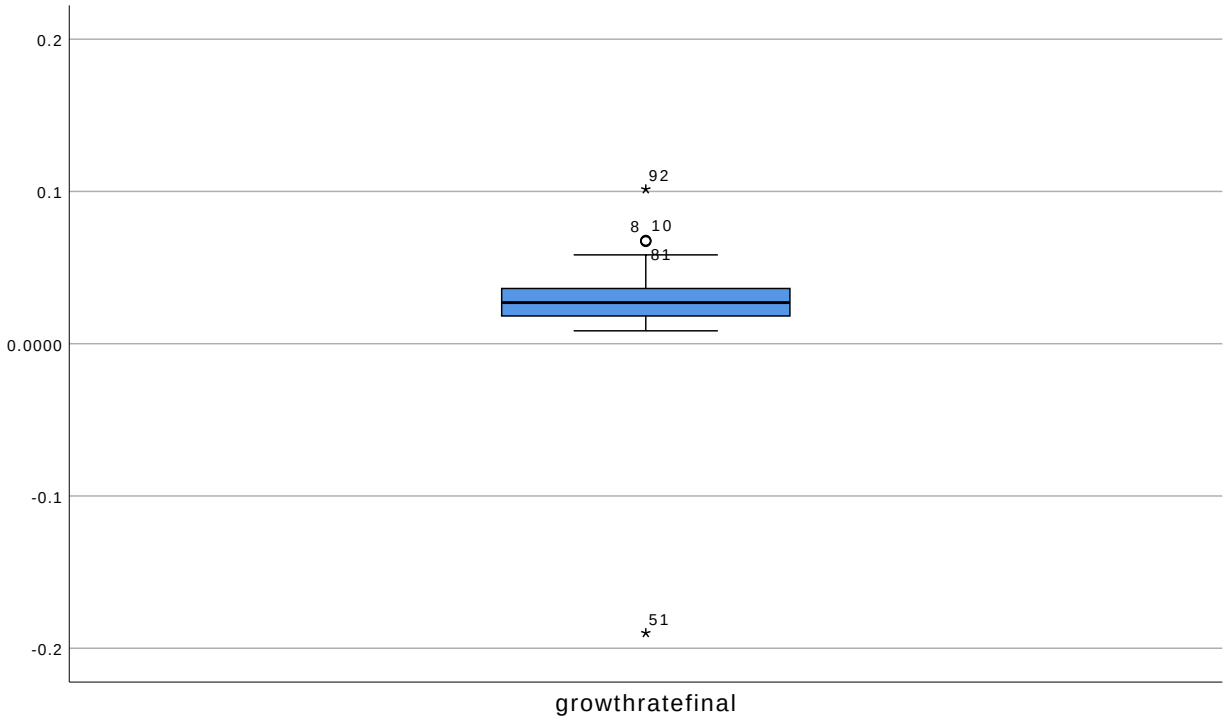


growthratefinal

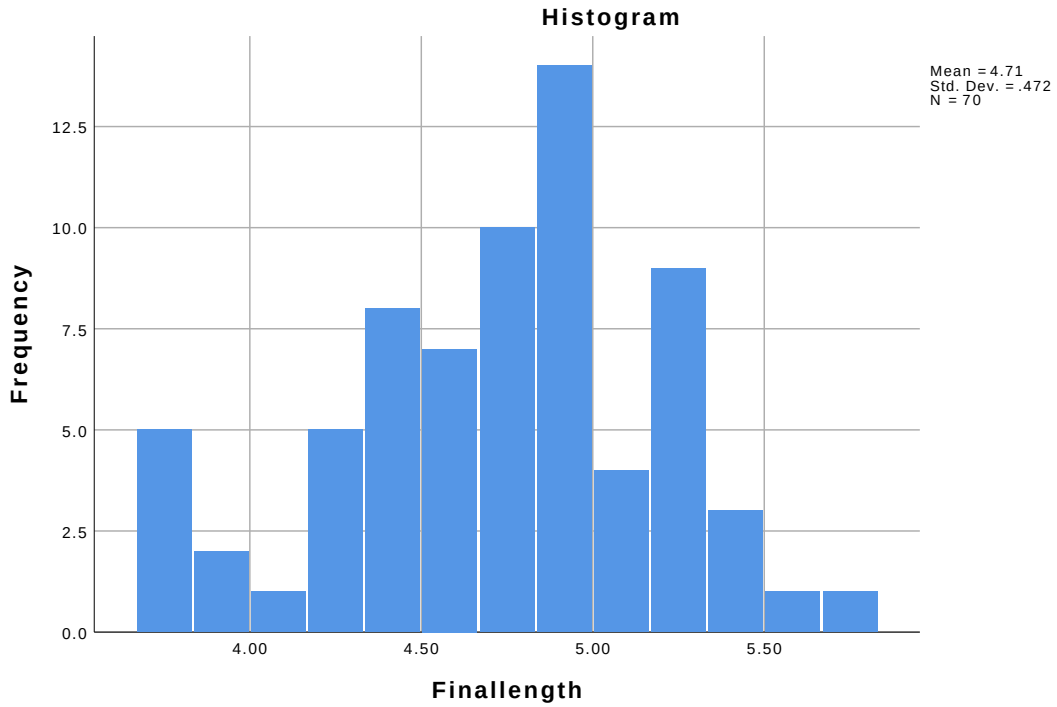


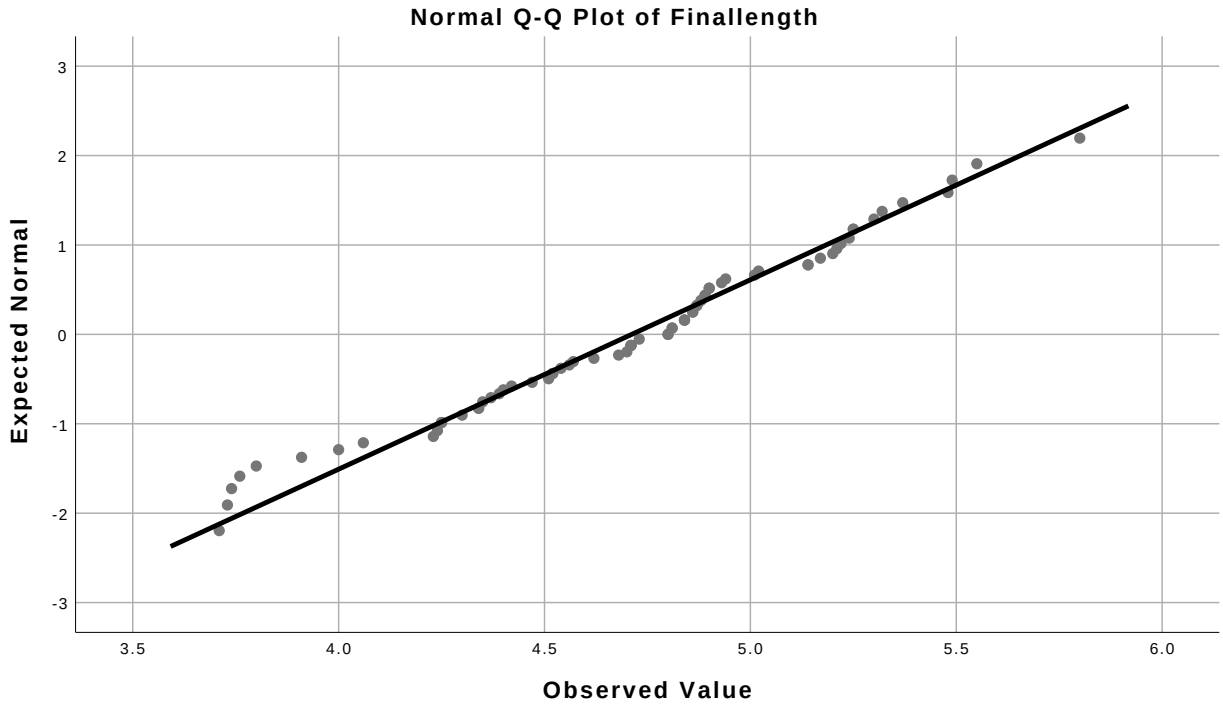

Normal Q-Q Plot of growthratefinal
Expected Normal
2.5
0.0
-2.5
-5.0
-7.5
-0.2
-0.1
0.0000
0.1
0.2
Observed Value

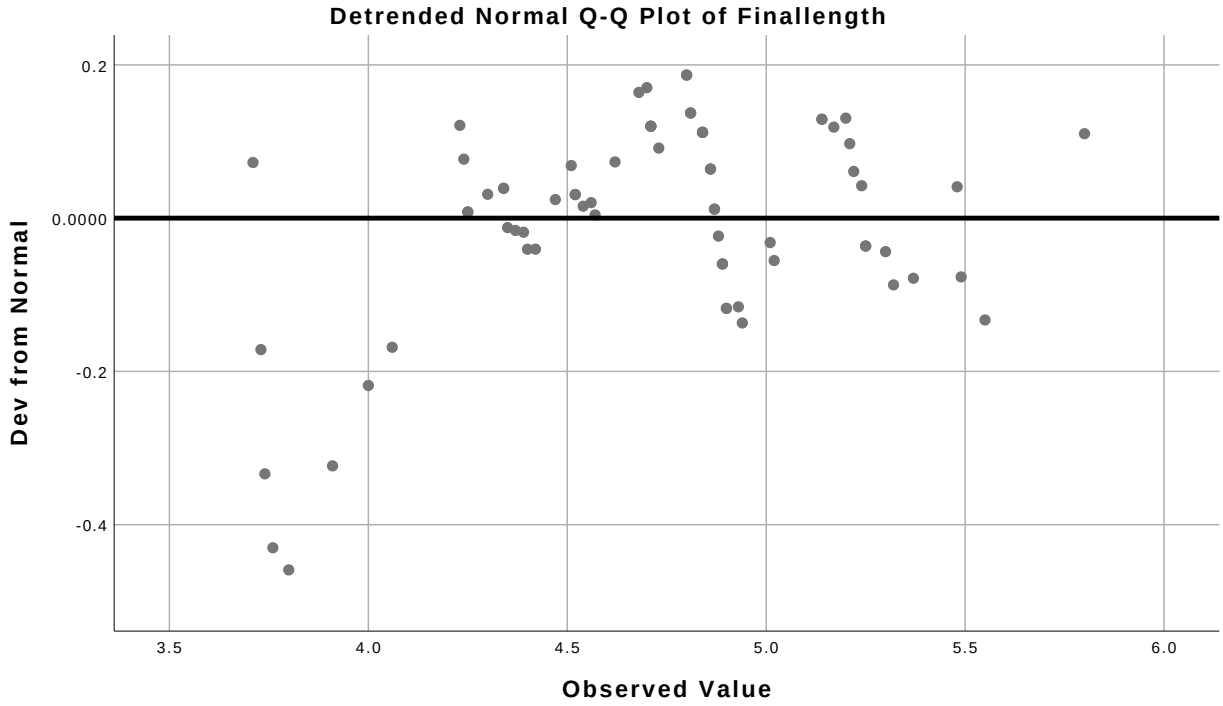

Detrended Normal Q-Q Plot of growthratefinal
Dev from Normal
2
0
-2
-4
-0.2
-0.1
0.0000
0.1
0.2
Observed Value

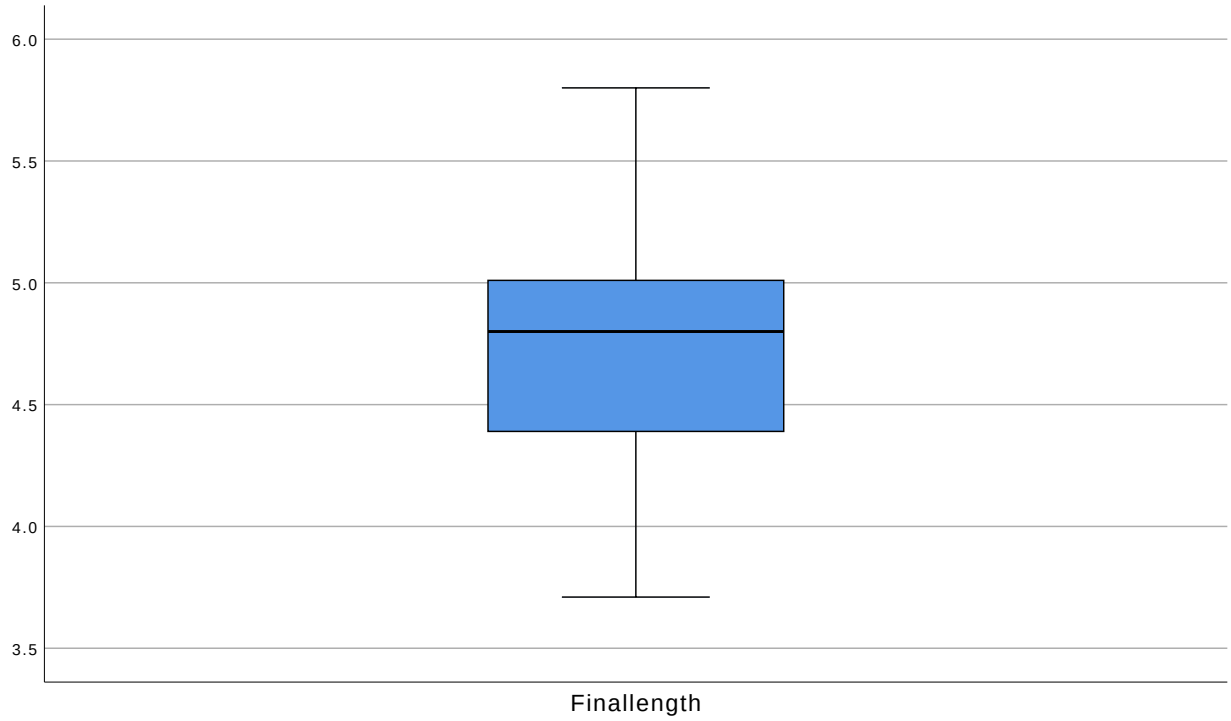


Finallength

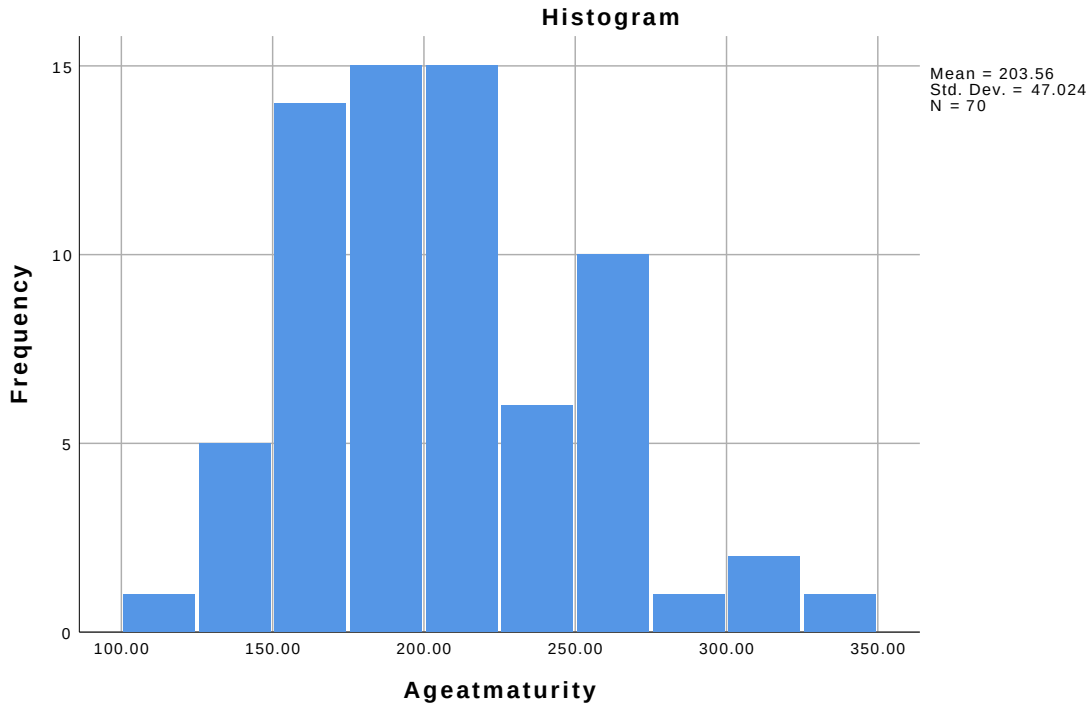


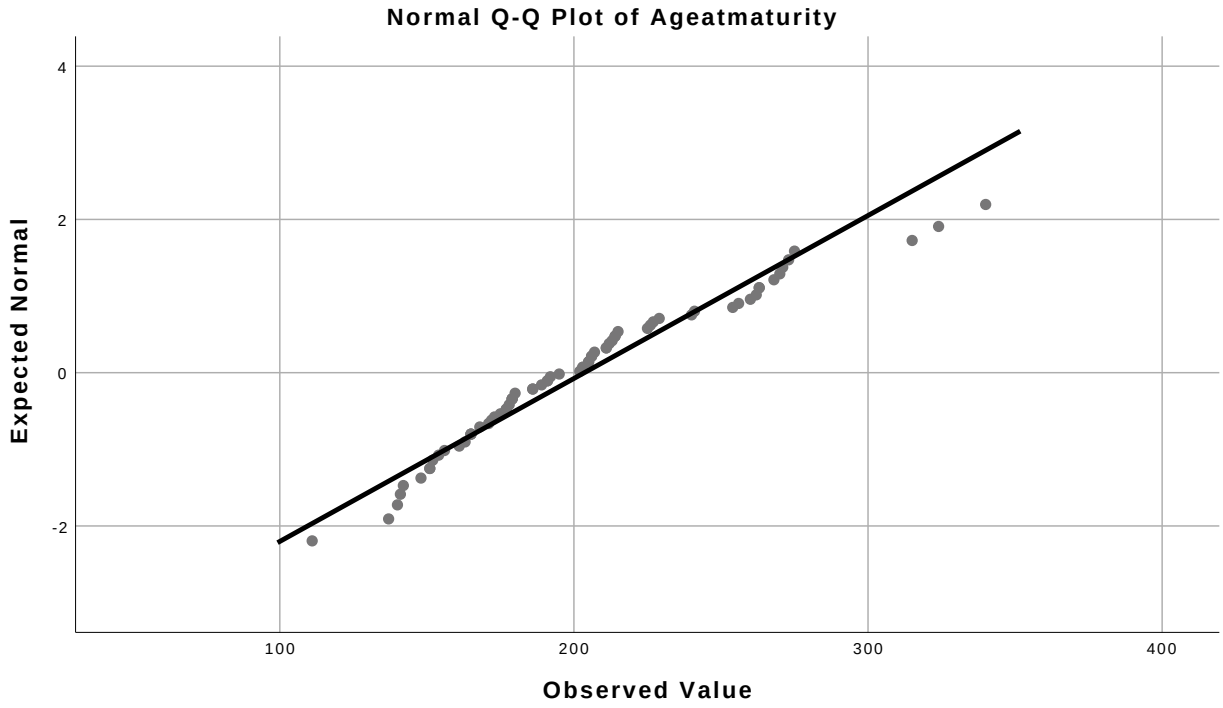

Normal Q-Q Plot of Finallength
Expected Normal
3
2
1
0
-1
-2
-3
3.5
4.0
4.5
5.0
5.5
6.0
Observed Value

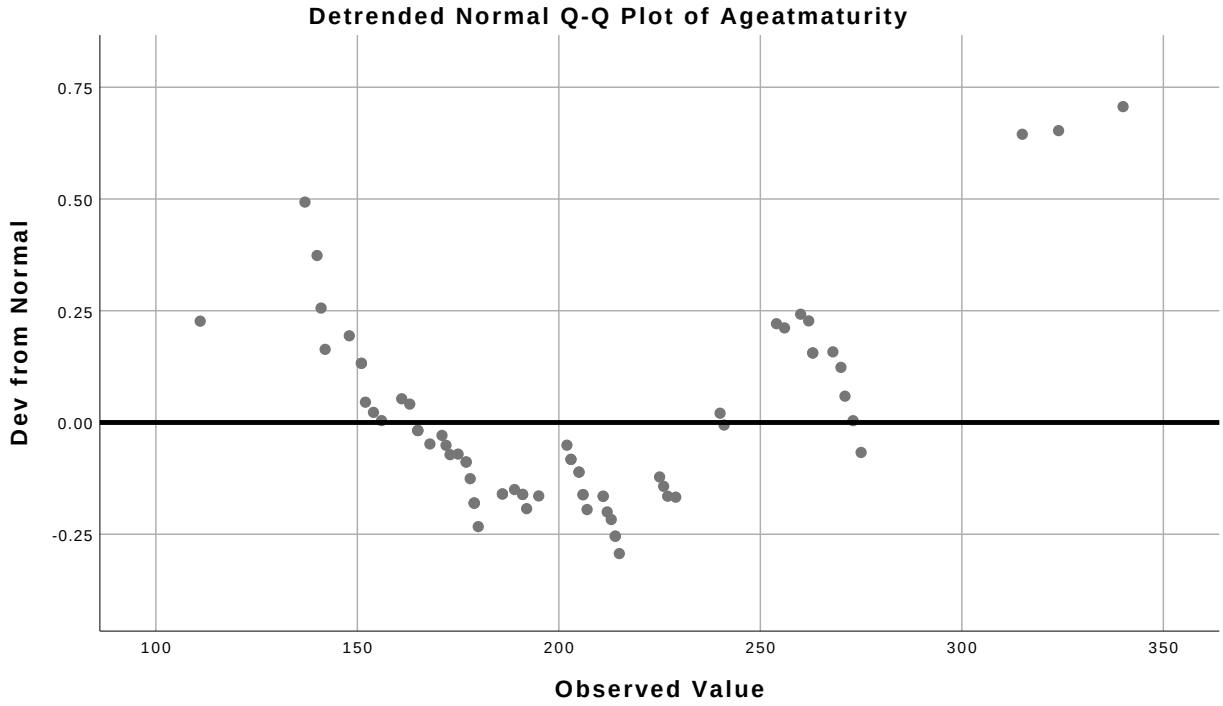

Detrended Normal Q-Q Plot of Finallength
Dev from Normal
0.2
0.0000
-0.2
-0.4
3.5
4.0
4.5
5.0
5.5
6.0
Observed Value

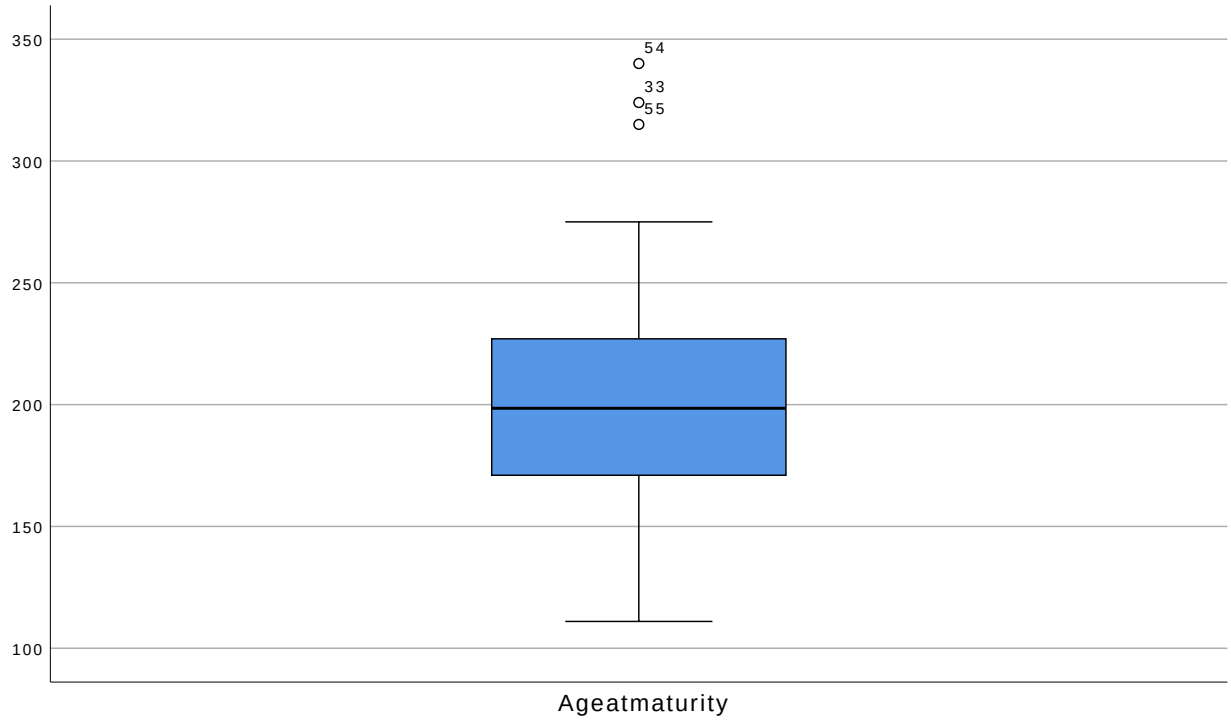


Ageatmaturity




Normal Q-Q Plot of Ageatmaturity
Expected Normal
4
2
0
-2
100
200
300
400
Observed Value


Detrended Normal Q-Q Plot of Ageatmaturity
Dev from Normal
0.75
0.50
0.25
0.00
-0.25
100
150
200
250
300
350
Observed Value


350
300
250
200
150
100
54
33
55
Ageatmaturity