```
EXAMINE VARIABLES=growthrate3mm Finallength log10ageatmaturity
  /PLOT BOXPLOT HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		25-SEP-2020 12:12:43
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 Finallength log10ageatmaturity /PLOT BOXPLOT HISTOGRAM NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.99
	Elapsed Time	00:00:04.00

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
growthrate3mm	70	75.3%	23	24.7%	93	100.0%
Finallength	70	75.3%	23	24.7%	93	100.0%
log10ageatmaturity	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
Finallength	Mean		4.7119	.05642
	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
log10ageatmaturity	Mean		2.2977	.01168
	95% Confidence Interval for Mean	Lower Bound	2.2744	
		Upper Bound	2.3210	

Descriptives

		Statistic	Std. Error
	5% Trimmed Mean	2.2965	
	Median	2.2977	
	Variance	.010	
	Std. Deviation	.09774	
	Minimum	2.05	
	Maximum	2.53	
	Range	.49	
	Interquartile Range	.13	
	Skewness	.165	.287
	Kurtosis	-.136	.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
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
log10ageatmaturity	Highest	1	54	2.53
		2	33	2.51
		3	55	2.50

Extreme Values

		Case Number	Value
	4	37	2.44
	5	92	2.44
Lowest	1	51	2.05
	2	16	2.14
	3	8	2.15
	4	67	2.15
	5	14	2.15

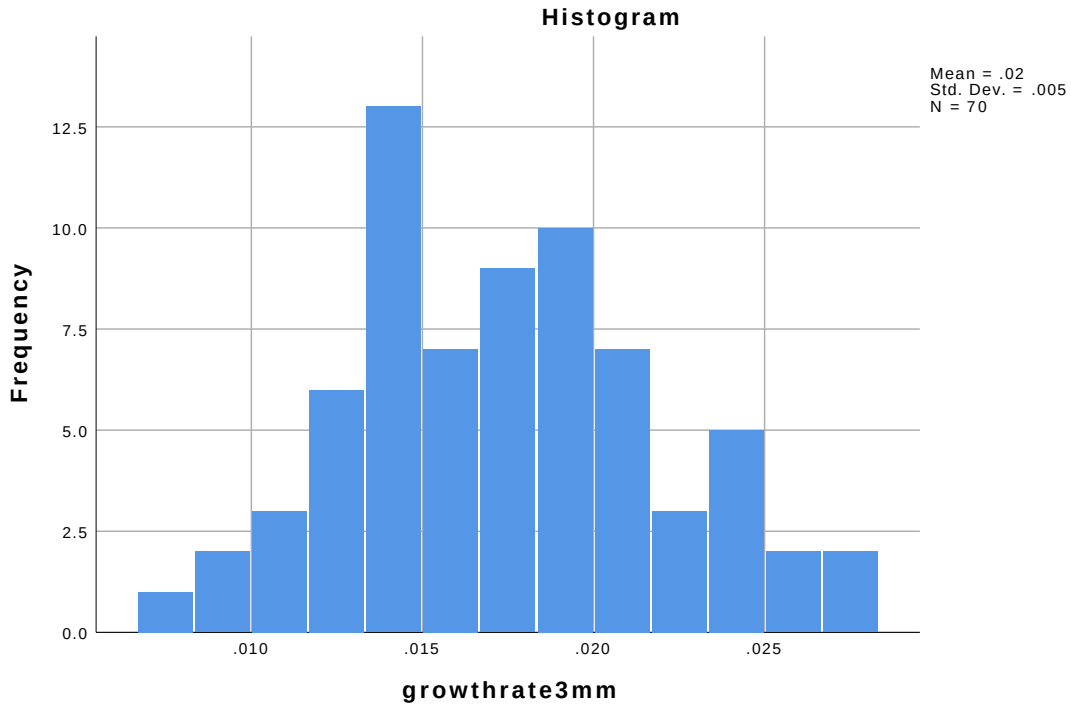
Tests of Normality

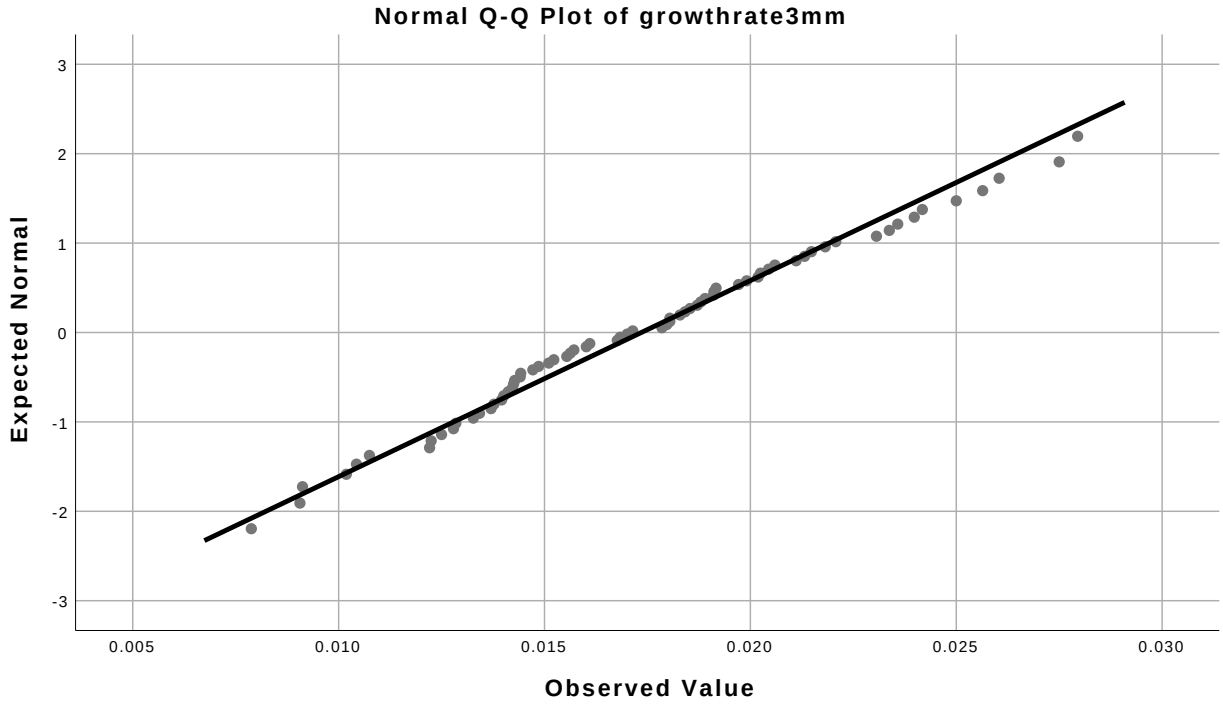
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
growthrate3mm	.069	70	.200*	.985	70	.592
Finallength	.088	70	.200*	.979	70	.294
log10ageatmaturity	.076	70	.200*	.987	70	.675

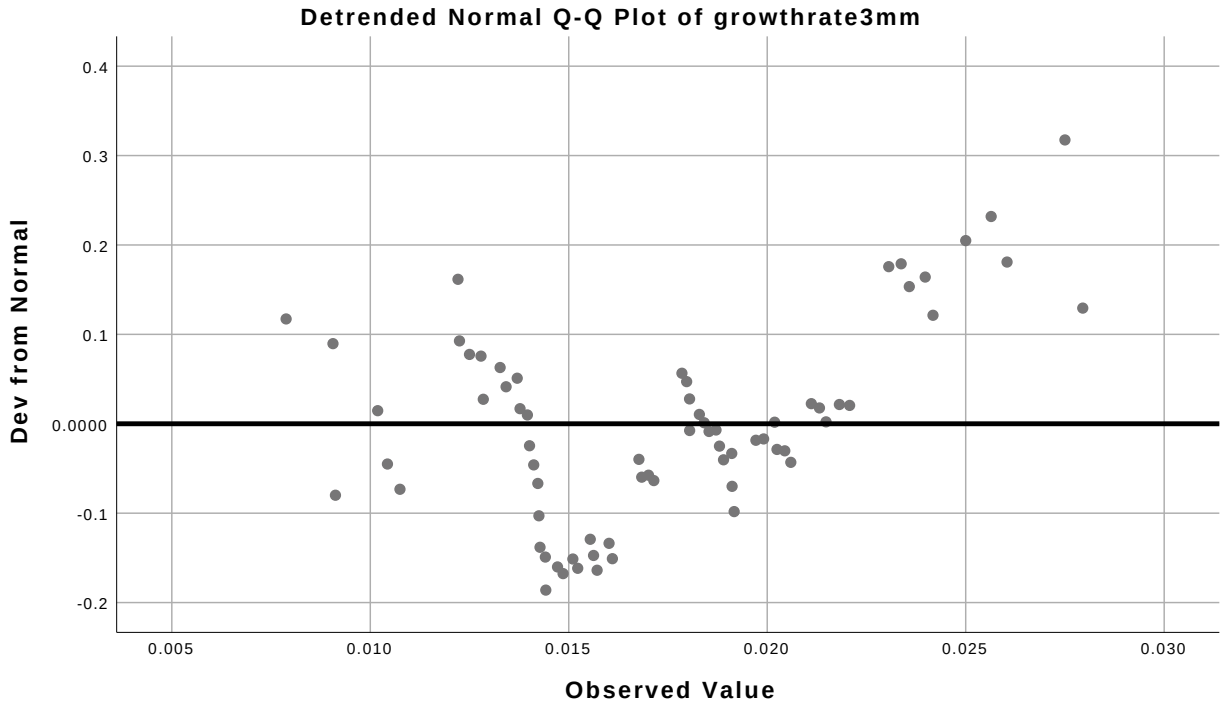
*. This is a lower bound of the true significance.

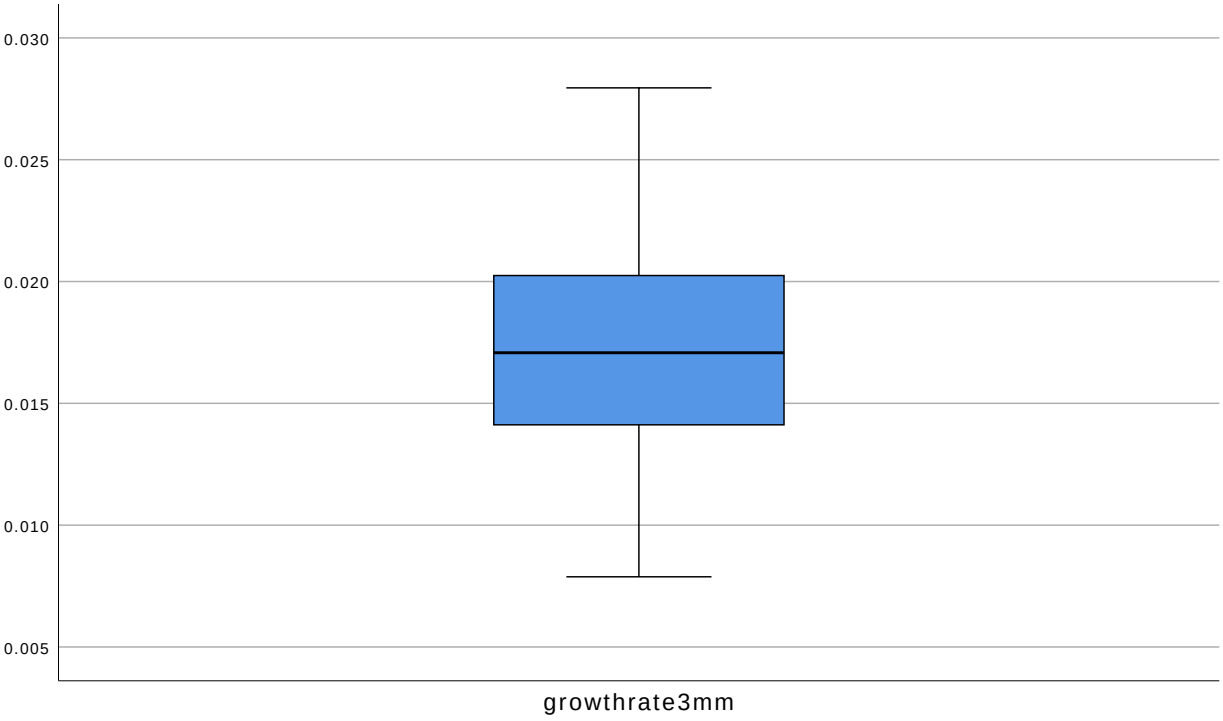
a. Lilliefors Significance Correction

growthrate3mm

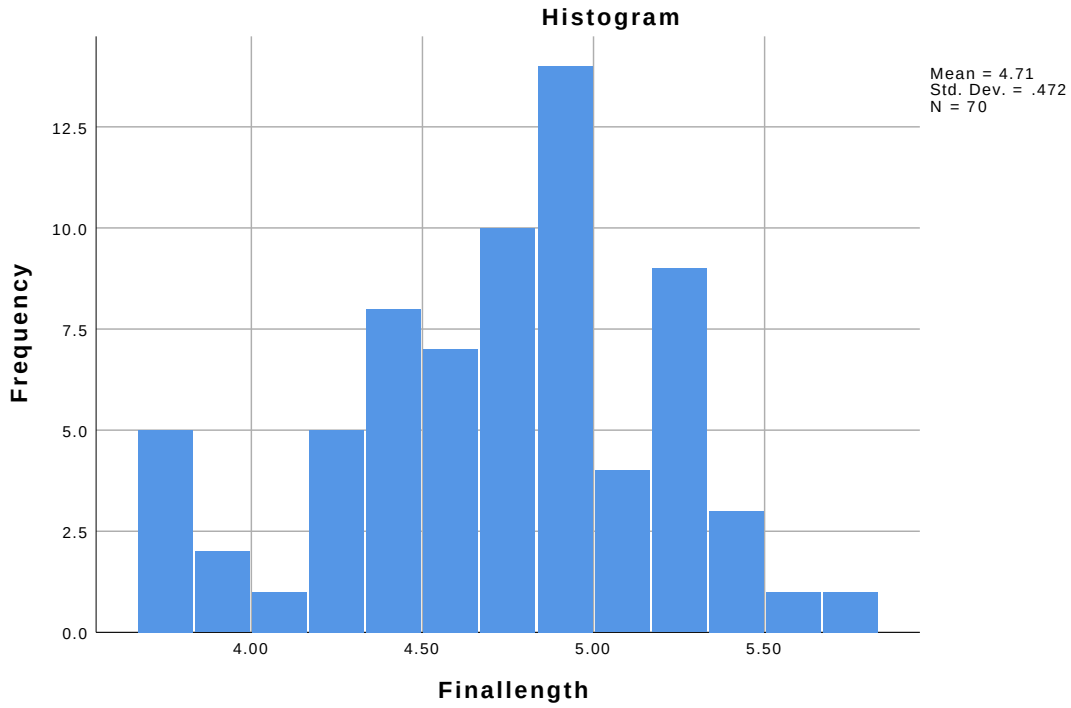

Histogram
Mean = .02
Std. Dev. = .005
N = 70
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
.010
.015
.020
.025
growthrate3mm

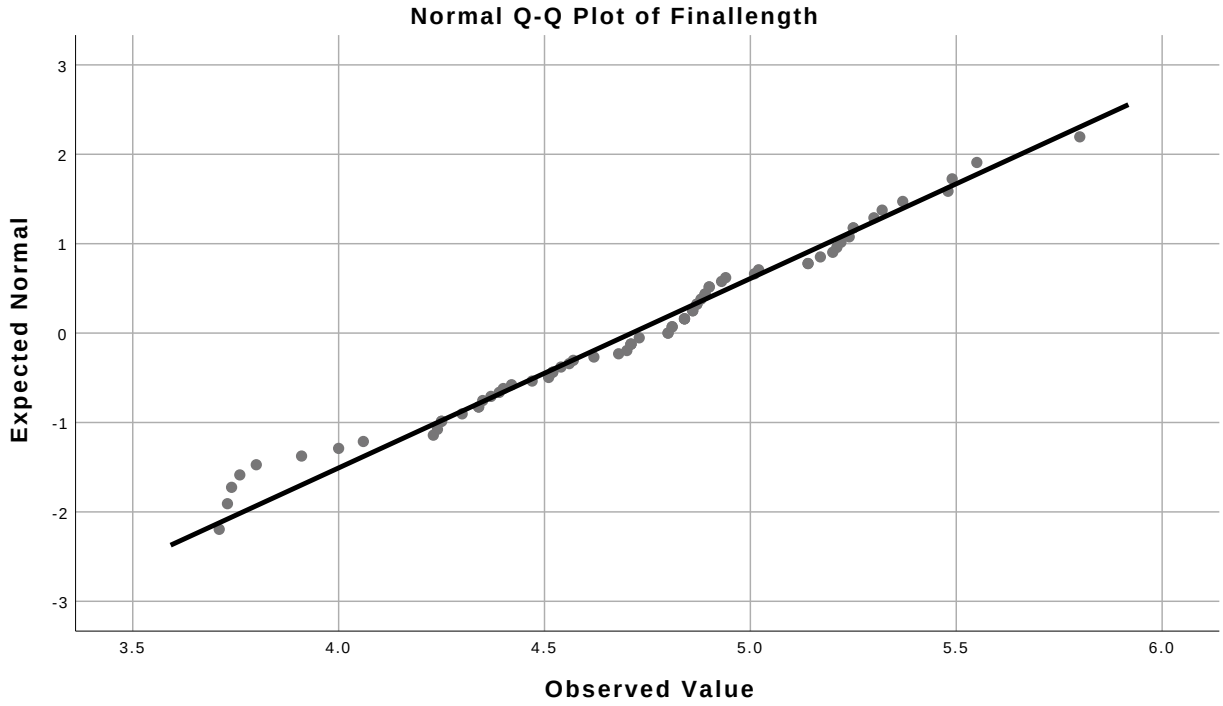

Normal Q-Q Plot of growthrate3mm
Expected Normal
3
2
1
0
-1
-2
-3
0.005
0.010
0.015
0.020
0.025
0.030
Observed Value

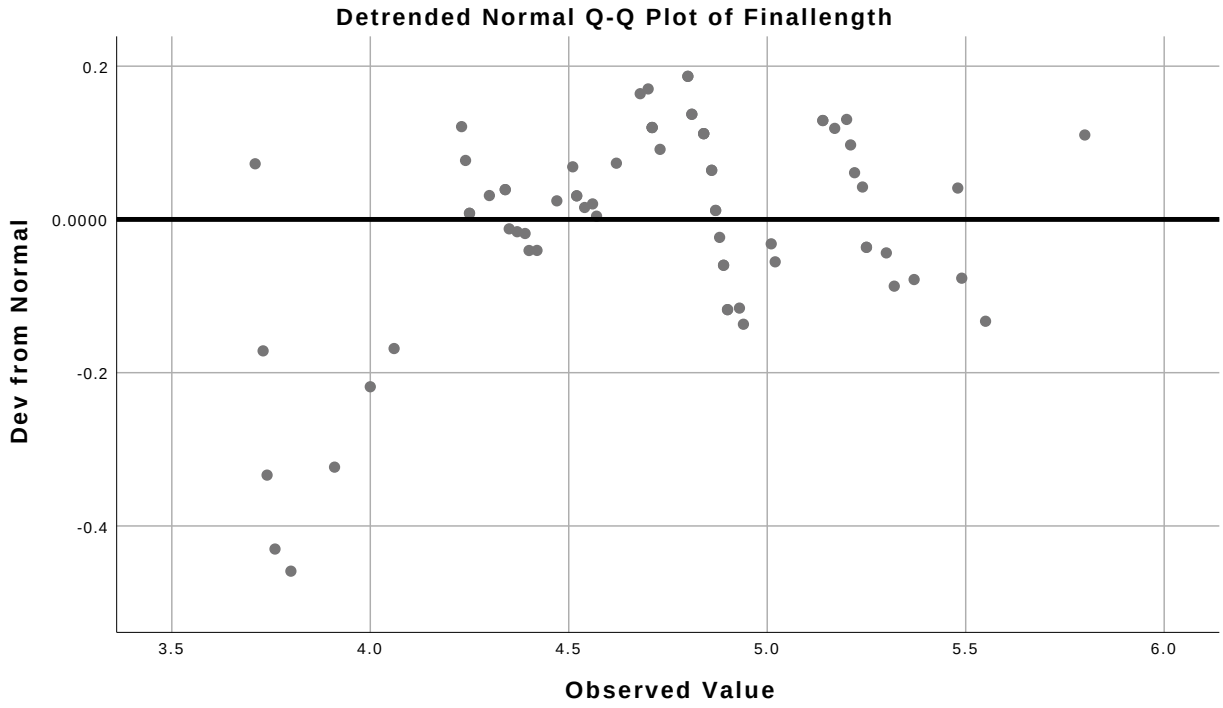


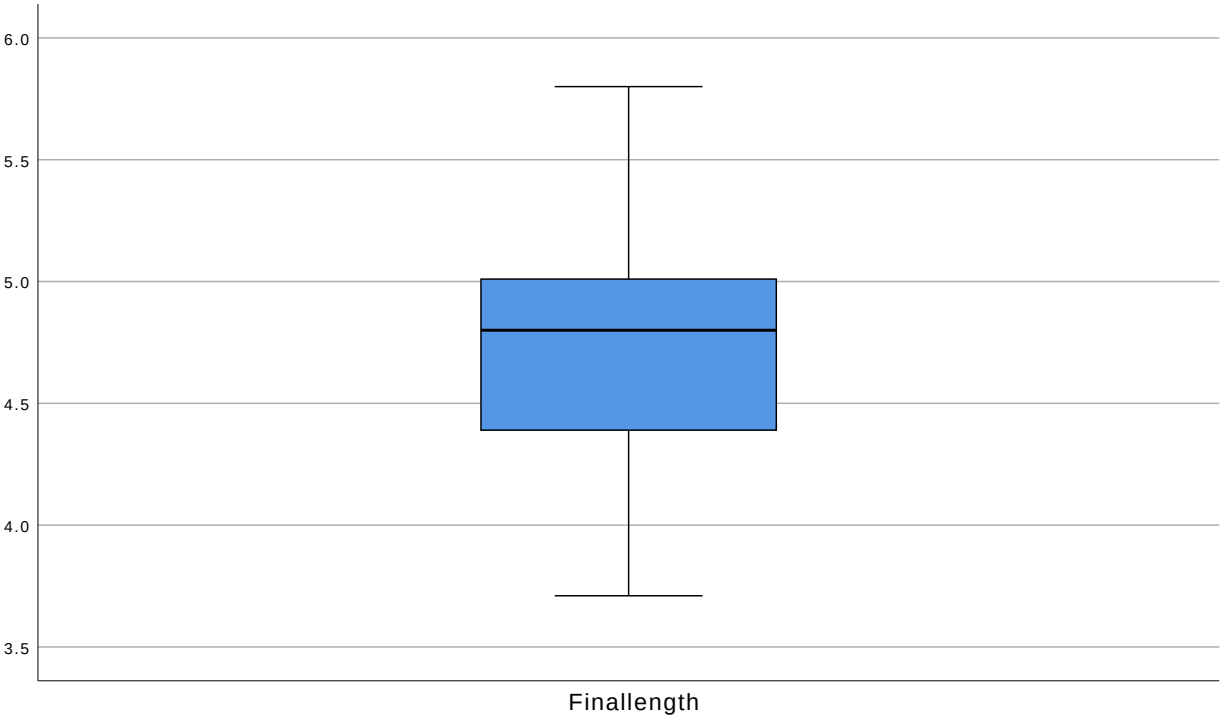


Finallength

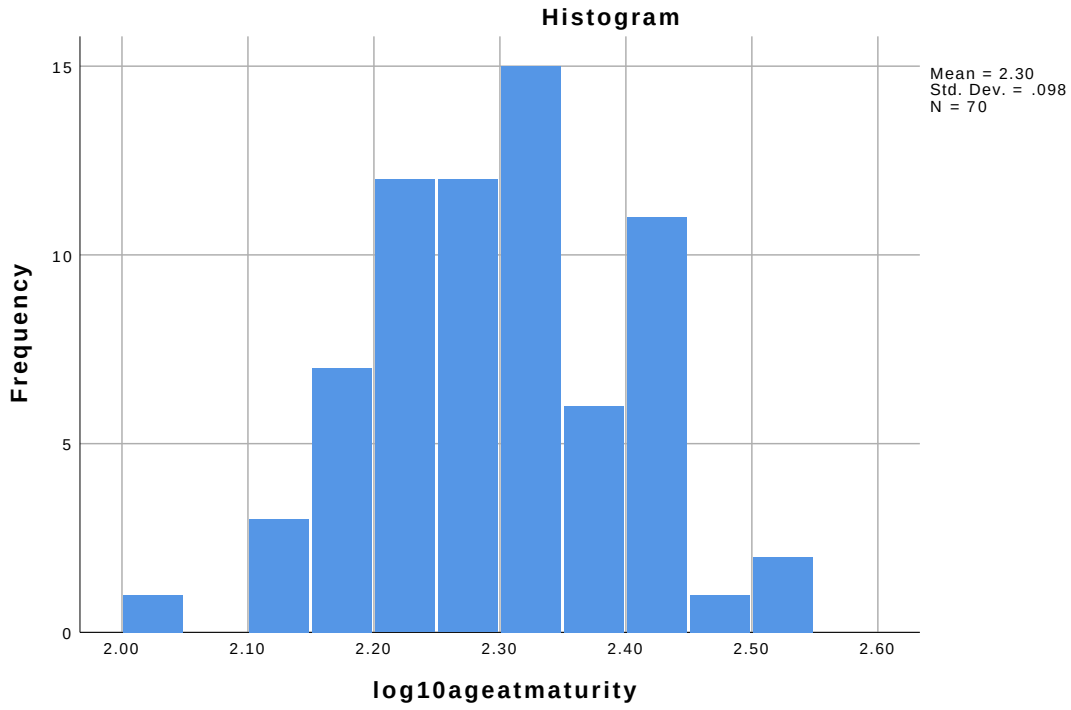

Histogram
Mean = 4.71
Std. Dev. = .472
N = 70
Frequency
12.5
10.0
7.5
5.0
2.5
0.0
4.00
4.50
5.00
5.50
Finallength

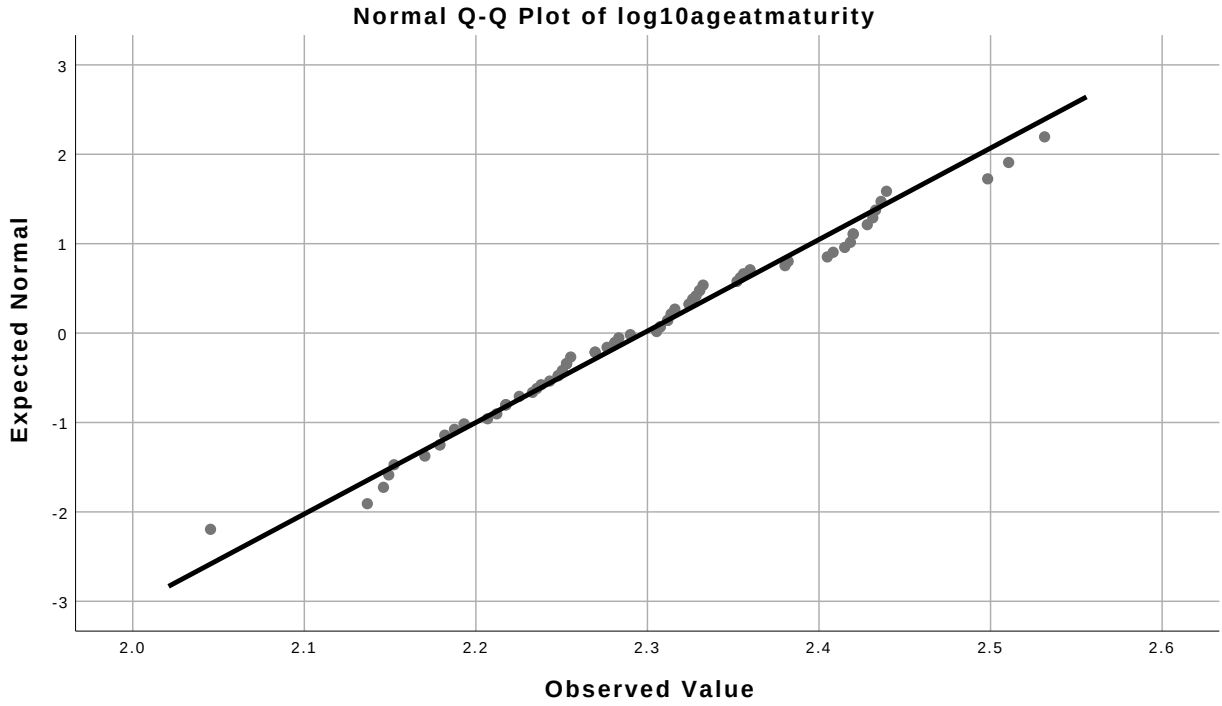

Normal Q-Q Plot of Finallength
Expected Normal
3
2
1
0
-1
-2
-3
3.5
4.0
4.5
5.0
5.5
6.0
Observed Value

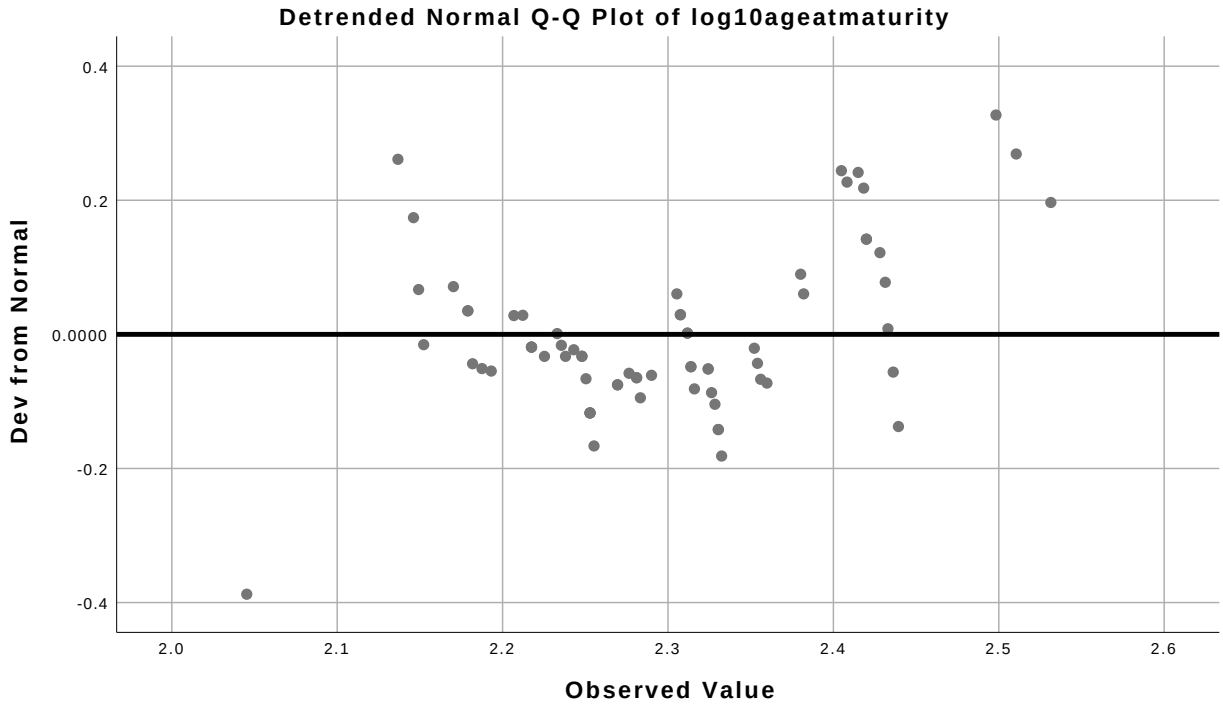


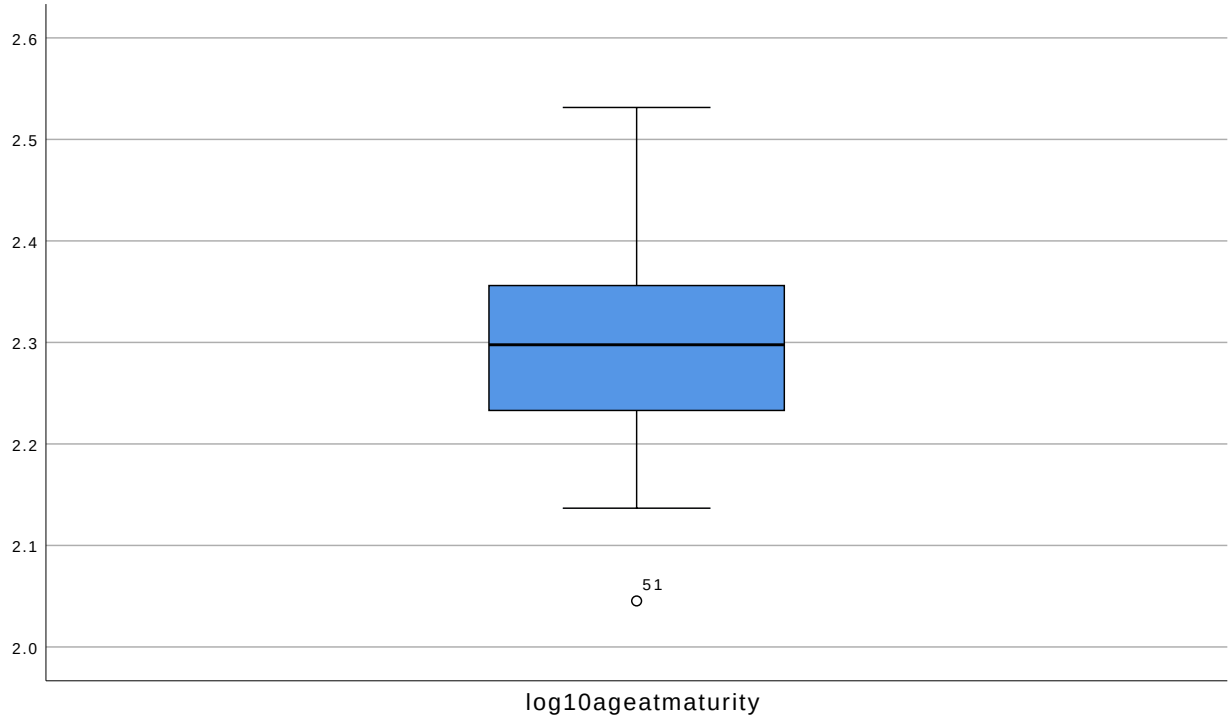


log10ageatmaturity


Histogram
Mean = 2.30
Std. Dev. = .098
N = 70
Frequency
15
10
5
0
2.00
2.10
2.20
2.30
2.40
2.50
2.60
log10ageatmaturity


Normal Q-Q Plot of log10ageatmaturity
Expected Normal
3
2
1
0
-1
-2
-3
2.0
2.1
2.2
2.3
2.4
2.5
2.6
Observed Value


Detrended Normal Q-Q Plot of log10ageatmaturity
Dev from Normal
0.4
0.2
0.0000
-0.2
-0.4
2.0
2.1
2.2
2.3
2.4
2.5
2.6
Observed Value


2.6
2.5
2.4
2.3
2.2
2.1
2.0
51
log10ageatmaturity