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REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Ageatmaturity
/METHOD=ENTER growthrate3mm
/SAVE ZRESID.

```

Regression

Notes

Output Created		03-NOV-2020 14:34:08
Comments		
Input	Data	H:\Documents\Masters research\CompiledDonneL arkindata.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 are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Ageatmaturity /METHOD=ENTER growthrate3mm /SAVE ZRESID.

Notes

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Memory Required	2640 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Created or Modified	ZRE_1	Standardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	growthrate3mm ^b	.	Enter

a. Dependent Variable: Ageatmaturity

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.718 ^a	.515	.514	2.86982

a. Predictors: (Constant), growthrate3mm

b. Dependent Variable: Ageatmaturity

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2862.910	1	2862.910	347.614	.000 ^b
	Residual	2693.134	327	8.236		
	Total	5556.045	328			

a. Dependent Variable: Ageatmaturity

b. Predictors: (Constant), growthrate3mm

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-2.325	.290		-8.026	.000
	growthrate3mm	4.956	.266	.718	18.644	.000

a. Dependent Variable: Ageatmaturity

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-5.0248	11.5247	2.2000	2.95438	329
Residual	-5.17699	8.80634	.00000	2.86544	329
Std. Predicted Value	-2.445	3.156	.000	1.000	329
Std. Residual	-1.804	3.069	.000	.998	329

a. Dependent Variable: Ageatmaturity

```
REGRESSION  
  /MISSING LISTWISE  
  /STATISTICS COEFF OUTS R ANOVA  
  /CRITERIA=PIN(.05) POUT(.10)  
  /NOORIGIN  
  /DEPENDENT Finallength  
  /METHOD=ENTER growthrate3mm  
  /SAVE ZRESID.
```

Regression

Notes

Output Created		03-NOV-2020 14:34:22
Comments		
Input	Data	H:\Documents\Masters research\CompiledDonneL arkindata.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 are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Finallength /METHOD=ENTER growthrate3mm /SAVE ZRESID.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.02
	Memory Required	2688 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Created or Modified	ZRE_2	Standardized Residual

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	growthrate3mm ^b	.	Enter

a. Dependent Variable: Finallength

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.037 ^a	.001	-.002	59.78837

a. Predictors: (Constant), growthrate3mm

b. Dependent Variable: Finallength

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1457.339	1	1457.339	.408	.524 ^b
	Residual	1068820.153	299	3574.649		
	Total	1070277.492	300			

a. Dependent Variable: Finallength

b. Predictors: (Constant), growthrate3mm

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	498.889	6.301		79.180	.000
	growthrate3mm	-3.631	5.687	-.037	-.639	.524

a. Dependent Variable: Finallength

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	488.7402	500.8665	495.5206	2.20404	301
Residual	-156.99721	144.85239	.00000	59.68864	301
Std. Predicted Value	-3.076	2.425	.000	1.000	301
Std. Residual	-2.626	2.423	.000	.998	301

a. Dependent Variable: Finallength