```
 GET
  FILE='\\home.iowa.uiowa.edu\cdonne\Documents\Masters research\Donnedata.sav'
.
DATASET NAME DataSet2 WINDOW=FRONT.
GET
  FILE='\\home.iowa.uiowa.edu\cdonne\Documents\Masters research\Larkindata.sav
'.
DATASET NAME DataSet3 WINDOW=FRONT.
DATASET CLOSE DataSet2.
DATASET CLOSE DataSet3.
DATASET ACTIVATE DataSet1.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='H:\Documents\Masters research\CompiledDonneLarkindata.sav
  /COMPRESSED.
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		29-OCT-2020 11:39:12
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 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	00:00:00.09
	Memory Required	2608 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Created or Modified	ZRE_1	Standardized Residual

[DataSet1] H:\Documents\Masters research\CompiledDonneLarkindata.sav

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	.161[a]	.026	.023	59.26790

a. Predictors: (Constant), growthrate3mm

b. Dependent Variable: Finallength

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	28236.624	1	28236.624	8.038	.005[b]
	Residual	1060830.404	302	3512.683		
	Total	1089067.028	303			

a. Dependent Variable: Finallength

b. Predictors: (Constant), growthrate3mm

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	477.893	7.038		67.897	.000
	growthrate3mm	26.403	9.312	.161	2.835	.005

a. Dependent Variable: Finallength

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	463.5108	517.8972	495.3674	9.65351	304
Residual	-156.98701	134.07793	.00000	59.17001	304
Std. Predicted Value	-3.300	2.334	.000	1.000	304
Std. Residual	-2.649	2.262	.000	.998	304

a. Dependent Variable: Finallength

```
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		29-OCT-2020 11:39:58
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 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.

Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.03
	Memory Required	2640 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: Ageatmaturity

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.088[a]	.008	.005	4.15176

a. Predictors: (Constant), growthrate3mm

b. Dependent Variable: Ageatmaturity

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	44.188	1	44.188	2.564	.110[b]
	Residual	5688.241	330	17.237		
	Total	5732.429	331			

a. Dependent Variable: Ageatmaturity

b. Predictors: (Constant), growthrate3mm

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.933	.473		6.205	.000
	growthrate3mm	-.997	.623	-.088	-1.601	.110

a. Dependent Variable: Ageatmaturity

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.4213	3.4759	2.2696	.36537	332
Residual	-3.47195	8.71590	.00000	4.14548	332
Std. Predicted Value	-2.322	3.302	.000	1.000	332
Std. Residual	-.836	2.099	.000	.998	332

a. Dependent Variable: Ageatmaturity