```
REGRESSION
 /MISSING LISTWISE
 /STATISTICS COEFF OUTS R ANOVA CHANGE
 /CRITERIA=PIN(.05) POUT(.10)
 /NOORIGIN
 /DEPENDENT Lifeexpectancy
 /METHOD=ENTER AdultMortality GDP HepatitisB Measles Polio Diphtheria
 /SAVE PRED RESID.
```

Regression

Notes

Output Created		09-SEP-2024 15:20:42
Comments		
Input	Data	C: \Users\mukis\OneDrive\Desktop\RUTH\Life Expectancy Data.csv
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1649
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 CHANGE /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Lifeexpectancy /METHOD=ENTER AdultMortality GDP HepatitisB Measles Polio Diphtheria...

Notes

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.04
	Memory Required	6528 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Created or Modified	PRE_2	Unstandardized Predicted Value
	RES_2	Unstandardized Residual

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Diphtheria, Measles, GDP, AdultMortality, HepatitisB, Polio[b]	.	Enter

a. Dependent Variable: Lifeexpectancy

b. All requested variables entered.

Model Summary[b]

					Change Statistics		
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.779[a]	.606	.605	5.5310	.606	421.127	6

Model Summary[b]

	Change Statistics	
Model	df2	Sig. F Change
1	1642	.000

a. Predictors: (Constant), Diphtheria, Measles, GDP, AdultMortality, HepatitisB, Polio

b. Dependent Variable: Lifeexpectancy

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	77297.824	6	12882.971	421.127	.000[b]
	Residual	50231.487	1642	30.592		
	Total	127529.311	1648			

a. Dependent Variable: Lifeexpectancy

b. Predictors: (Constant), Diphtheria, Measles, GDP, AdultMortality, HepatitisB, Polio

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	67.964	.687		98.933	.000
	AdultMortality	-.042	.001	-.596	-36.561	.000
	GDP	.000	.000	.253	15.561	.000
	HepatitisB	.002	.007	.006	.298	.766
	Measles	-3.634E-5	.000	-.042	-2.662	.008
	Polio	.033	.008	.084	4.221	.000
	Diphtheria	.053	.009	.130	5.939	.000

a. Dependent Variable: Lifeexpectancy

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	41.676	98.364	69.302	6.8487	1649
Residual	-29.2007	16.1326	.0000	5.5209	1649
Std. Predicted Value	-4.034	4.243	.000	1.000	1649
Std. Residual	-5.279	2.917	.000	.998	1649

a. Dependent Variable: Lifeexpectancy