

Your temporary usage period for IBM SPSS Statistics will expire in 10 days.

GET

FILE=' /Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav' .
DATASET NAME DataSet1 WINDOW=FRONT.

REGRESSION

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT salbeg
/METHOD=ENTER jobcat.

Regression

Notes

Output Created		07-MAR-2018 10:14...
Comments		
Input	Data	/Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav
	Active Dataset	DataSet1
	File Label	SPSS/PC+
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	474
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.

Notes

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT salbeg /METHOD=ENTER jobcat.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00
	Memory Required	2720 bytes
	Additional Memory Required for Residual Plots	0 bytes

[DataSet1] /Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Employment Category ^b	.	Enter

a. Dependent Variable: Beginning Salary

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.772 ^a	.597	.596	2001.703

a. Predictors: (Constant), Employment Category

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.797E+9	1	2.797E+9	698.042	.000 ^b
	Residual	1.891E+9	472	4006816.25		
	Total	4.688E+9	473			

a. Dependent Variable: Beginning Salary

b. Predictors: (Constant), Employment Category

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3243.907	163.202		19.877	.000
	Employment Category	1730.162	65.486	.772	26.420	.000

a. Dependent Variable: Beginning Salary

```

Compute clerical_yn = (jobcat = 1).
Compute ot_yn = (jobcat = 2).
Compute so_yn = (jobcat = 3).
Compute ct_yn = (jobcat = 4).
Compute exempt_yn = (jobcat = 5).
Compute mba_yn = (jobcat = 6).
Compute tech_yn = (jobcat = 7).
EXECUTE.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT salbeg
  /METHOD=ENTER clerical_yn ot_yn so_yn ct_yn exempt_yn mba_yn.

```

Regression

Notes

Output Created		07-MAR-2018 10:20...
Comments		
Input	Data	/Users/keithmccormick/Desktop/Resources/Case Study Data/MWBank.sav
	Active Dataset	DataSet1
	File Label	SPSS/PC+
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	474
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 salbeg /METHOD=ENTER clerical_yn ot_yn so_yn ct_yn exempt_yn mba_yn.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00
	Memory Required	5920 bytes
	Additional Memory Required for Residual Plots	0 bytes

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	mba_yn, so_yn, exempt_yn, ct_yn, ot_yn, clerical_yn ^b	.	Enter

a. Dependent Variable: Beginning Salary

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.862 ^a	.743	.739	1607.245

a. Predictors: (Constant), mba_yn, so_yn, exempt_yn, ct_yn, ot_yn, clerical_yn

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.482E+9	6	580295460	224.639	.000 ^b
	Residual	1.206E+9	467	2583237.76		
	Total	4.688E+9	473			

a. Dependent Variable: Beginning Salary

b. Predictors: (Constant), mba_yn, so_yn, exempt_yn, ct_yn, ot_yn, clerical_yn

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	19996.000	656.155		30.474	.000
	clerical_yn	-14262.053	664.770	-2.265	-21.454	.000
	ot_yn	-14517.029	670.473	-2.088	-21.652	.000
	so_yn	-13964.889	725.407	-1.029	-19.251	.000
	ct_yn	-10039.512	702.528	-.897	-14.291	.000
	exempt_yn	-6737.125	715.029	-.537	-9.422	.000
	mba_yn	-7158.400	973.235	-.233	-7.355	.000

a. Dependent Variable: Beginning Salary