GET DATA

```
GET DATA
  /TYPE=TXT
  /FILE="C:\Users\MichaelIrvine\Documents\College\Summer 2015\WashPo Police
Shooting Data\data-police-shootings\fatal-police-shootings-data-clean.csv"
  /IMPORTCASES=ALL
  /ARRANGEMENT=DELIMITED
  /DELCASE=LINE
  /FIRSTCASE=2
  /DELIMITERS=","
  /VARIABLES=
    id F3.0
    gun F1.0
    unarmed F1.0
    age F2.0
    gender F1.0
    Asian F1.0
    Hispanic F1.0
    Black F1.0
    Other F1.0
    Native_American F1.0
    Central F1.0
    Northeast F1.0
    Northwest F1.0
    Mid_Atlantic F1.0
    South F1.0
    mental_illness F1.0
    Southwest F1.0
    White F1.0.
```

REGRESSION

```
REGRESSION
      /VARIABLES= age gender Asian Hispanic Black Other Native_American Central
Northeast Northwest Mid_Atlantic South mental_illness
      /DEPENDENT=  unarmed
      /STATISTICS=COEFF CI R.
```

Model Summary (unarmed)

R	*R Square*	*Adjusted R Square*	*Std. Error of the Estimate*
.24	.06	.03	.32

ANOVA (unarmed)

	Sum of Squares	*df*	*Mean Square*	*F*	*Sig.*
Regression	2.75	13	.21	2.13	.012
Residual	44.11	444	.10		
Total	46.87	457			

Coefficients (unarmed)

	Unstandardized Coefficients		*Standardized Coefficients*			*95 Confi Interva*
	B	*Std. Error*	*Beta*	*t*	*Sig.*	*Lower Bound*
(Constant)	.08	.08	.00	1.03	.302	-.08
age	.00	.00	-.11	-2.15	.032	-.01
gender	.07	.07	.05	.97	.330	-.07
Asian	-.06	.12	-.02	-.49	.627	-.30
Hispanic	.11	.05	.13	2.49	.013	.02
Black	.07	.04	.10	1.97	.049	.00
Other	.35	.14	.11	2.43	.015	.07
Native_American	.14	.16	.04	.86	.391	-.18
Central	.06	.04	.07	1.34	.180	-.03
Northeast	.03	.07	.02	.41	.685	-.12
Northwest	.11	.07	.08	1.61	.109	-.02
Mid_Atlantic	.04	.05	.04	.80	.425	-.06
South	.00	.05	.00	-.05	.961	-.09
mental_illness	-.01	.03	-.02	-.43	.671	-.08

	% dence ıl for B
	Upper Bound
(Constant)	.25
age	.00
gender	.20
Asian	.18
Hispanic	.20
Black	.15
Other	.64
Native_American	.45
Central	.14
Northeast	.18
Northwest	.25
Mid_Atlantic	.14
South	.09
mental_illness	.05

SAVE

```
SAVE OUTFILE="C:\Users\MichaelIrvine\Documents\College\Summer 2015
\WashPo Police Shooting Data\data-police-shootings\fatal-police-shootings-data-
clean.sav".


LOGISTIC REGRESSION

LOGISTIC REGRESSION unarmed WITH  age gender Asian Hispanic Black Other
Native_American Central Northeast Northwest Mid_Atlantic South mental_illness
      /CRITERIA = CUT(0.5) ITERATE(20)
      /NOORIGIN.
```

Dependent Variable Encoding

Original Value	*Internal Value*
0	0
1	1

Case Processing Summary

Unweighted Cases	*N*	*Percent*
Included in Analysis	458	100.00
Missing Cases	0	.00
Total	458	100.00

warning: Estimation terminated at iteration number 20 because maximum iterations has been reached

Model Summary

Step 1	*-2 Log likelihood*	*Cox & Snell R Square*	*Nagelkerke R Square*
	299.75	.06	.12

Classification Table

			Predicted		
			unarmed		*Percentage*
	Observed		0	1	*Correct*
Step 1	unarmed	0	405	0	100.00
		1	52	1	1.89
	Overall Percentage				88.65

Variables in the Equation

		B	*S.E.*	*Wald*	*df*	*Sig.*	*Exp(B)*
Step 1	*age*	-.03	.01	5.01	1	.025	.97
	gender	1.00	1.05	.91	1	.340	2.72
	Asian	-19.39	15099.61	.00	1	.999	.00
	Hispanic	1.20	.46	6.74	1	.009	3.32

		B	S.E.	Wald	df	Sig.	Exp(B)
	Black	.79	.39	4.13	1	.042	2.21
	Other	2.56	1.01	6.42	1	.011	12.97
	Native_American	1.13	1.20	.88	1	.348	3.09
	Central	.59	.45	1.70	1	.192	1.80
	Northeast	.36	.84	.18	1	.669	1.43
	Northwest	1.25	.67	3.48	1	.062	3.49
	Mid_Atlantic	.48	.53	.80	1	.372	1.61
	South	-.02	.55	.00	1	.978	.98
	mental_illness	-.20	.38	.27	1	.604	.82
	Constant	-2.67	1.18	5.14	1	.023	.07

SAVE

SAVE OUTFILE="C:\Users\MichaelIrvine\Documents\College\Summer 2015 \WashPo Police Shooting Data\data-police-shootings\fatal-police-shootings-data-clean.sav".

LOGISTIC REGRESSION

LOGISTIC REGRESSION unarmed WITH age gender Asian Hispanic Black Other Native_American Central Northeast Northwest Mid_Atlantic South mental_illness
/CRITERIA = CUT(0.5) ITERATE(20)
/PRINT = CI(95)
/NOORIGIN.

Dependent Variable Encoding

Original Value	*Internal Value*
0	0
1	1

Case Processing Summary

Unweighted Cases	*N*	*Percent*
Included in Analysis	458	100.00
Missing Cases	0	.00
Total	458	100.00

warning: Estimation terminated at iteration number 20 because maximum iterations has been reached

Model Summary

Step 1	*-2 Log likelihood*	*Cox & Snell R Square*	*Nagelkerke R Square*
	299.75	.06	.12

Classification Table

Observed			Predicted unarmed		Percentage Correct
			0	1	
Step 1	unarmed	0	405	0	100.00
		1	52	1	1.89
	Overall Percentage				88.65

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp (B)	95% CI for Exp(B) Lower	95% CI for Exp(B) Upper
Step 1	age	-.03	.01	5.01	1	.025	.97	.94	1.00
	gender	1.00	1.05	.91	1	.340	2.72	.35	21.31
	Asian	-19.39	15099.61	.00	1	.999	.00	.00	+Infinity
	Hispanic	1.20	.46	6.74	1	.009	3.32	1.34	8.21
	Black	.79	.39	4.13	1	.042	2.21	1.03	4.76
	Other	2.56	1.01	6.42	1	.011	12.97	1.79	94.12
	Native_American	1.13	1.20	.88	1	.348	3.09	.29	32.64
	Central	.59	.45	1.70	1	.192	1.80	.75	4.33
	Northeast	.36	.84	.18	1	.669	1.43	.28	7.36
	Northwest	1.25	.67	3.48	1	.062	3.49	.94	12.97
	Mid_Atlantic	.48	.53	.80	1	.372	1.61	.57	4.57
	South	-.02	.55	.00	1	.978	.98	.33	2.91
	mental_illness	-.20	.38	.27	1	.604	.82	.39	1.72
	Constant	-2.67	1.18	5.14	1	.023	.07		

error: error opening output file `C:\Users\MichaelIrvine\Documents\College \Summer 2015\WashPo Police Shooting Data\data-police-shootings\regression output.pdf': error while writing to output stream