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UNIANOVA Number_of_crimes BY Time_of_day City_region
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PRINT=DESCRIPTIVE
  /CRITERIA=ALPHA(.05)
  /DESIGN=Time_of_day City_region Time_of_day*City_region

```

Univariate Analysis of Variance

[DataSet1] C:\Sruti\Coursework\Research zmethod-I\HW\Assginment5_Part2.sav

Between-Subjects Factors

		Value Label	N
Time_of_day	1.00	Morning	10
	2.00	Afternoon	10
City_region	1.00	North Dallas	10
	2.00	South Dallas	10

Descriptive Statistics

Dependent Variable: Number_of_crimes

Time_of_day	City_region	Mean	Std. Deviation	N
Morning	North Dallas	5.6000	1.51658	5
	South Dallas	10.2000	2.38747	5
	Total	7.9000	3.07137	10
Afternoon	North Dallas	12.2000	1.48324	5
	South Dallas	3.6000	.89443	5
	Total	7.9000	4.67737	10
Total	North Dallas	8.9000	3.75500	10
	South Dallas	6.9000	3.87155	10
	Total	7.9000	3.85118	20

Tests of Between-Subjects Effects

Dependent Variable: Number_of_crimes

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	237.800 ^a	3	79.267	28.824	.000
Intercept	1248.200	1	1248.200	453.891	.000
Time_of_day	.000	1	.000	.000	1.000
City_region	20.000	1	20.000	7.273	.016
Time_of_day * City_region	217.800	1	217.800	79.200	.000
Error	44.000	16	2.750		
Total	1530.000	20			
Corrected Total	281.800	19			

a. R Squared = .844 (Adjusted R Squared = .815)