```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA CHANGE
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT Drownings
  /METHOD=ENTER IceCreamSales Temperature.
```

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
Number of reported drownings	18.0833	6.48680	36
Number of ice cream truck sales (in thousands)	5.3333	4.09180	36
Average monthly temperature	58.8056	22.75562	36

Correlations

		Number of reported drownings	Number of ice cream truck sales (in thousands)	Average monthly temperature
Pearson Correlation	Number of reported drownings	1.000	.720	.835
	Number of ice cream truck sales (in thousands)	.720	1.000	.758
	Average monthly temperature	.835	.758	1.000
Sig. (1-tailed)	Number of reported drownings	.	.000	.000
	Number of ice cream truck sales (in thousands)	.000	.	.000
	Average monthly temperature	.000	.000	.
N	Number of reported drownings	36	36	36
	Number of ice cream truck sales (in thousands)	36	36	36
	Average monthly temperature	36	36	36

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Average monthly temperature, Number of ice cream truck sales (in thousands)[b]	.	Enter

a. Dependent Variable: Number of reported drownings

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.846[a]	.715	.698	3.56422	.715	41.466	2

Model Summary

Model	Change Statistics	
	df2	Sig. F Change
1	33	.000

a. Predictors: (Constant), Average monthly temperature, Number of ice cream truck sales (in thousands)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1053.529	2	526.764	41.466	.000[b]
	Residual	419.221	33	12.704		
	Total	1472.750	35			

a. Dependent Variable: Number of reported drownings

b. Predictors: (Constant), Average monthly temperature, Number of ice cream truck sales (in thousands)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.955	1.773		2.795	.009
	Number of ice cream truck sales (in thousands)	.325	.226	.205	1.441	.159
	Average monthly temperature	.194	.041	.680	4.776	.000

Coefficients[a]

Model		95.0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	1.348	8.561
	Number of ice cream truck sales (in thousands)	-.134	.784
	Average monthly temperature	.111	.276

a. Dependent Variable: Number of reported drownings

```
 STATS REGRESS PLOT YVARS=Drownings XVARS=IceCreamSales Temperature
/OPTIONS CATEGORICAL=BARS GROUP=1 BOXPLOTS INDENT=15 YSCALE=75
/FITLINES LINEAR APPLYTO=TOTAL.
```
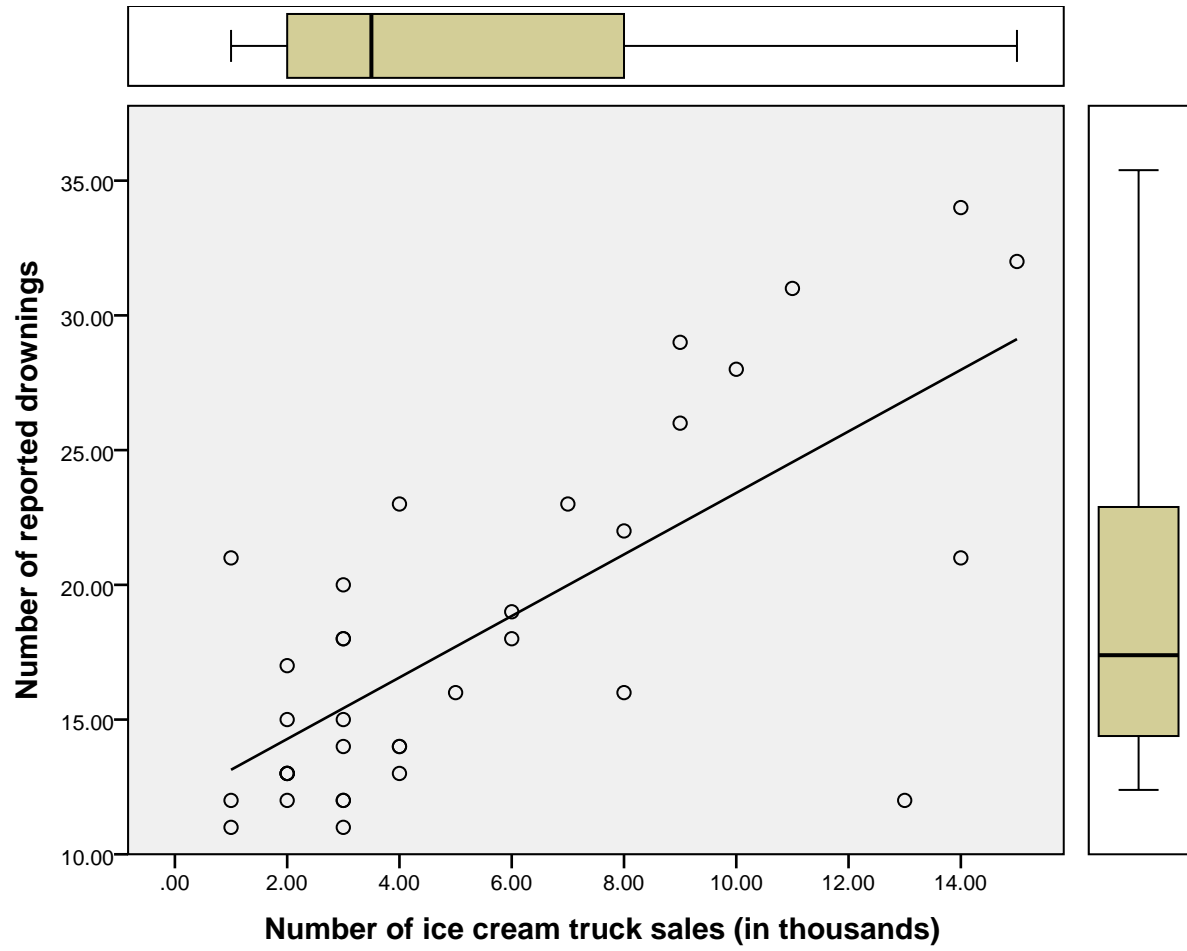
STATS REGRESS

Chart Legend Information

Settings	Value
Color by	---
Size by	---
Shape by	---
Label by	---
Fit Lines	LINEAR(solid)

Legend Settings for the charts that follow. Some settings do not apply to categorical charts.

GGraph

GGraph