

Regression Output: Everything we need to know about a sample regression function.

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.7595					
R Square	0.5768					
Adjusted R Square	0.5575					
Standard Error	1.7653					
Observations	24					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	93.431	93.431	29.983	0.000	
Residual	22	68.555	3.116			
Total	23	161.986				
<i>95% CIs for β s</i>						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	3.9119	0.67053	5.834	7.19E-06	2.5213	5.3025
Inflation	0.6498	0.11868	5.476	1.68E-05	0.4037	0.8960

$$\sqrt{\hat{\sigma}^2}$$

$$\hat{\sigma}^2$$

$$\hat{\beta}_s$$

$$s_{\hat{\beta}_s}$$

$$t_{calc}$$

df

22

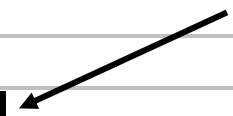
3.116

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R^2



ESS



RSS



TSS

