**--> REGRESS;Lhs=CABLE\_PO;Rhs=ONE,DENSITY$**

+----------------------------------------------------+

| Ordinary least squares regression |

| Model was estimated Apr 19, 2013 at 00:13:17PM |

| LHS=CABLE\_PO Mean = 91.48000 |

| Standard deviation = 162.1662 |

| WTS=none Number of observs. = 100 |

| Model size Parameters = 2 |

| Degrees of freedom = 98 |

| Residuals Sum of squares = 1530125. |

| Standard error of e = 124.9541 |

| Fit R-squared = .4122795 |

| Adjusted R-squared = .4062824 |

| Model test F[ 1, 98] (prob) = 68.75 (.0000) |

| Diagnostic Log likelihood = -623.6783 |

| Restricted(b=0) = -650.2535 |

| Chi-sq [ 1] (prob) = 53.15 (.0000) |

| Info criter. LogAmemiya Prd. Crt. = 9.675695 |

| Akaike Info. Criter. = 9.675690 |

| Autocorrel Durbin-Watson Stat. = 2.2428032 |

| Rho = cor[e,e(-1)] = -.1214016 |

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+--------+--------------+----------------+--------+--------+----------+

|Variable| Coefficient | Standard Error |t-ratio |P[|T|>t]| Mean of X|

+--------+--------------+----------------+--------+--------+----------+

Constant| 38.3016666 14.0453275 2.727 .0076

DENSITY | .25641653 .03092591 8.291 .0000 207.390425

**--> REGRESS;Lhs=WL\_PO;Rhs=ONE,DENSITY$**

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| Ordinary least squares regression |

| Model was estimated Apr 19, 2013 at 00:13:34PM |

| LHS=WL\_PO Mean = 26.24000 |

| Standard deviation = 27.19444 |

| WTS=none Number of observs. = 100 |

| Model size Parameters = 2 |

| Degrees of freedom = 98 |

| Residuals Sum of squares = 58856.64 |

| Standard error of e = 24.50669 |

| Fit R-squared = .1961039 |

| Adjusted R-squared = .1879008 |

| Model test F[ 1, 98] (prob) = 23.91 (.0000) |

| Diagnostic Log likelihood = -460.7783 |

| Restricted(b=0) = -471.6926 |

| Chi-sq [ 1] (prob) = 21.83 (.0000) |

| Info criter. LogAmemiya Prd. Crt. = 6.417695 |

| Akaike Info. Criter. = 6.417690 |

| Autocorrel Durbin-Watson Stat. = 2.0686242 |

| Rho = cor[e,e(-1)] = -.0343121 |

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+--------+--------------+----------------+--------+--------+----------+

|Variable| Coefficient | Standard Error |t-ratio |P[|T|>t]| Mean of X|

+--------+--------------+----------------+--------+--------+----------+

Constant| 20.0896242 2.75464843 7.293 .0000

DENSITY | .02965603 .00606536 4.889 .0000 207.390425

**--> REGRESS;Lhs=O\_T\_T\_PO;Rhs=ONE,DENSITY$**

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| Ordinary least squares regression |

| Model was estimated Apr 19, 2013 at 00:13:52PM |

| LHS=O\_T\_T\_PO Mean = 3.370000 |

| Standard deviation = 4.760220 |

| WTS=none Number of observs. = 100 |

| Model size Parameters = 2 |

| Degrees of freedom = 98 |

| Residuals Sum of squares = 1394.771 |

| Standard error of e = 3.772579 |

| Fit R-squared = .3782532 |

| Adjusted R-squared = .3719088 |

| Model test F[ 1, 98] (prob) = 59.62 (.0000) |

| Diagnostic Log likelihood = -273.6596 |

| Restricted(b=0) = -297.4207 |

| Chi-sq [ 1] (prob) = 47.52 (.0000) |

| Info criter. LogAmemiya Prd. Crt. = 2.675321 |

| Akaike Info. Criter. = 2.675315 |

| Autocorrel Durbin-Watson Stat. = 2.0766141 |

| Rho = cor[e,e(-1)] = -.0383071 |

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+--------+--------------+----------------+--------+--------+----------+

|Variable| Coefficient | Standard Error |t-ratio |P[|T|>t]| Mean of X|

+--------+--------------+----------------+--------+--------+----------+

Constant| 1.87480884 .42405273 4.421 .0000

DENSITY | .00720955 .00093371 7.721 .0000 207.390425

**--> REGRESS;Lhs=CLEC\_PO;Rhs=ONE,DENSITY$**

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| Ordinary least squares regression |

| Model was estimated Apr 19, 2013 at 00:14:26PM |

| LHS=CLEC\_PO Mean = 2.310000 |

| Standard deviation = 8.058743 |

| WTS=none Number of observs. = 100 |

| Model size Parameters = 2 |

| Degrees of freedom = 98 |

| Residuals Sum of squares = 6083.277 |

| Standard error of e = 7.878722 |

| Fit R-squared = .5383298E-01 |

| Adjusted R-squared = .4417821E-01 |

| Model test F[ 1, 98] (prob) = 5.58 (.0202) |

| Diagnostic Log likelihood = -347.3003 |

| Restricted(b=0) = -350.0671 |

| Chi-sq [ 1] (prob) = 5.53 (.0187) |

| Info criter. LogAmemiya Prd. Crt. = 4.148134 |

| Akaike Info. Criter. = 4.148129 |

| Autocorrel Durbin-Watson Stat. = 2.0369659 |

| Rho = cor[e,e(-1)] = -.0184830 |

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+--------+--------------+----------------+--------+--------+----------+

|Variable| Coefficient | Standard Error |t-ratio |P[|T|>t]| Mean of X|

+--------+--------------+----------------+--------+--------+----------+

Constant| 1.35507363 .88559920 1.530 .1292

DENSITY | .00460449 .00194997 2.361 .0202 207.390425

**--> REGRESS;Lhs=TOTAL\_PO;Rhs=ONE,DENSITY$**

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| Ordinary least squares regression |

| Model was estimated Apr 19, 2013 at 00:16:28PM |

| LHS=TOTAL\_PO Mean = 123.4000 |

| Standard deviation = 189.9979 |

| WTS=none Number of observs. = 100 |

| Model size Parameters = 2 |

| Degrees of freedom = 98 |

| Residuals Sum of squares = 2125191. |

| Standard error of e = 147.2604 |

| Fit R-squared = .4053450 |

| Adjusted R-squared = .3992771 |

| Model test F[ 1, 98] (prob) = 66.80 (.0000) |

| Diagnostic Log likelihood = -640.1040 |

| Restricted(b=0) = -666.0927 |

| Chi-sq [ 1] (prob) = 51.98 (.0000) |

| Info criter. LogAmemiya Prd. Crt. = 10.00421 |

| Akaike Info. Criter. = 10.00420 |

| Autocorrel Durbin-Watson Stat. = 2.2159369 |

| Rho = cor[e,e(-1)] = -.1079684 |

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+--------+--------------+----------------+--------+--------+----------+

|Variable| Coefficient | Standard Error |t-ratio |P[|T|>t]| Mean of X|

+--------+--------------+----------------+--------+--------+----------+

Constant| 61.6211733 16.5526460 3.723 .0003

DENSITY | .29788659 .03644669 8.173 .0000 207.390425