--> 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     |
+----------------------------------------------------+
+--------+--------------+----------------+--------+--------+----------+
|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$

```
+----------------------------------------------------+
| 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     |
+----------------------------------------------------+
+--------+--------------+----------------+--------+--------+----------+
|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$

```
+----------------------------------------------------+
| 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     |
+----------------------------------------------------+
+--------+--------------+----------------+--------+--------+----------+
|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$

```
+----------------------------------------------------+
| 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     |
+----------------------------------------------------+
+--------+--------------+----------------+--------+--------+----------+
|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$

```
+----------------------------------------------------+
| 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      |
+----------------------------------------------------+
+--------+--------------+----------------+--------+--------+----------+
|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
```