Obs	year	participation	fertrate	menwages	womenwages	debt	parttime
1	1946	25.3	3748	25.35	14.05	18.18	10.28
2	1947	24.4	3996	26.14	14.61	28.33	9.28
3	1948	24.2	3725	25.11	14.23	30.55	9.51
4	1949	24.2	3750	25.45	14.61	35.81	8.87
5	1950	23.7	3669	26.79	15.26	38.39	8.54
6	1951	24.2	3682	26.33	14.58	26.52	8.84
7	1952	24.1	3845	27.89	15.66	45.65	8.60
8	1953	23.8	3905	29.15	16.30	52.99	5.49
9	1954	23.6	4047	29.52	16.57	54.84	6.67
10	1955	24.3	4043	32.05	17.99	65.53	6.25

The REG Procedure
Model: MODEL1
Dependent Variable: participation

R-Square Selection Method

Number of Observations Read	30
Number of Observations Used	30

Number in Model	R-Square	C(p)	AIC	SBC	SSE	Variables in Model
1	0.9641	101.2652	10.1646	12.96699	36.84367	debt
1	0.9358	201.5840	27.6020	30.40437	65.88625	womenwages
1	0.9206	255.4444	33.9744	36.77684	81.47901	menwages
1	0.9085	298.5876	38.2531	41.05545	93.96909	year
1	0.9033	317.0631	39.9138	42.71622	99.31782	parttime
1	0.8120	640.7090	59.8470	62.64940	193.01428	fertrate
2	0.9935	-0.9327	-39.0712	-34.86759	6.67804	debt parttime
2	0.9844	31.2563	-12.8641	-8.66052	15.99688	menwages parttime
2	0.9837	33.7555	-11.5371	-7.33348	16.72038	womenwages parttime
2	0.9815	41.4771	-7.7726	-3.56899	18.95583	parttime year
2	0.9733	70.7300	3.3073	7.51091	27.42463	fertrate debt
2	0.9727	72.8698	3.9774	8.18101	28.04409	fertrate year
2	0.9669	93.4197	9.7490	13.95263	33.99337	menwages debt
2	0.9665	94.8962	10.1239	14.32752	34.42082	debt year
2	0.9645	102.0503	11.8768	16.08042	36.49194	fertrate menwages
2	0.9642	102.9615	12.0929	16.29651	36.75575	womenwages debt
3	0.9935	1.0149	-37.1394	-31.53461	6.66287	menwages debt parttime
3	0.9935	1.0393	-37.1076	-31.50281	6.66994	debt parttime year
3	0.9935	1.0442	-37.1012	-31.49641	6.67136	fertrate debt parttime
3	0.9935	1.0668	-37.0718	-31.46697	6.67791	womenwages debt parttime
3	0.9892	16.3540	-21.8179	-16.21309	11.10359	fertrate parttime year
3	0.9884	19.2374	-19.6432	-14.03841	11.93837	womenwages parttime year
3	0.9874	22.6796	-17.2381	-11.63333	12.93487	fertrate menwages parttime
3	0.9868	24.9753	-15.7349	-10.13014	13.59950	menwages womenwages parttime
3	0.9849	31.5991	-11.7777	-6.17287	15.51709	menwages parttime year
3	0.9838	35.5290	-9.6549	-4.05013	16.65483	fertrate womenwages parttime
4	0.9935	3.0020	-35.1561	-28.15014	6.65916	menwages womenwages debt parttime

The REG Procedure
Model: MODEL1
Dependent Variable: participation

R-Square Selection Method

Number in Model	R-Square	C(p)	AIC	SBC	SSE	Variables in Model
4	0.9935	3.0130	-35.1418	-28.13584	6.66233	fertrate menwages debt parttime
4	0.9935	3.0143	-35.1401	-28.13410	6.66272	menwages debt parttime year
4	0.9935	3.0379	-35.1094	-28.10346	6.66953	fertrate debt parttime year
4	0.9935	3.0393	-35.1076	-28.10162	6.66994	womenwages debt parttime year
4	0.9935	3.0439	-35.1016	-28.09558	6.67128	fertrate womenwages debt parttime
4	0.9901	14.9650	-22.5932	-15.58717	10.12248	fertrate womenwages parttime year
4	0.9897	16.6494	-21.1817	-14.17569	10.61012	fertrate menwages parttime year
4	0.9884	21.1012	-17.7425	-10.73651	11.89892	menwages womenwages parttime year
4	0.9877	23.7395	-15.8761	-8.87007	12.66272	fertrate menwages womenwages parttime
5	0.9935	5.0000	-33.1588	-24.75157	6.65857	menwages womenwages debt parttime year
5	0.9935	5.0016	-33.1567	-24.74949	6.65904	fertrate menwages womenwages debt parttime
5	0.9935	5.0129	-33.1419	-24.73472	6.66232	fertrate menwages debt parttime year
5	0.9935	5.0377	-33.1096	-24.70240	6.66950	fertrate womenwages debt parttime year
5	0.9901	16.9623	-20.5955	-12.18830	10.12169	fertrate menwages womenwages parttime year
5	0.9755	69.0369	6.7664	15.17354	25.19745	fertrate menwages womenwages debt year
6	0.9935	7.0000	-31.1588	-21.35040	6.65857	fertrate menwages womenwages debt parttime year

The REG Procedure
Model: MODEL1
Dependent Variable: participation

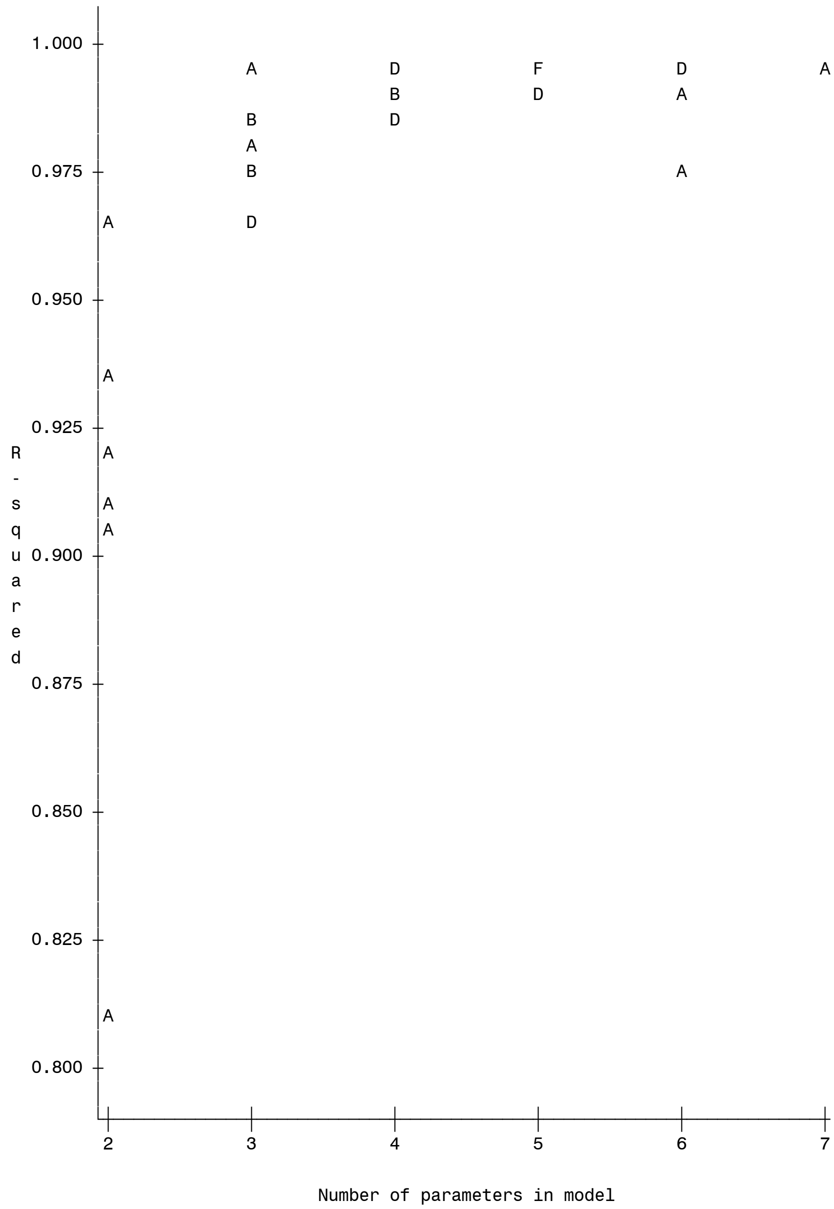
Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	6	1020.15110	170.02518	587.30	<.0001
Error	23	6.65857	0.28950		
Corrected Total	29	1026.80967			

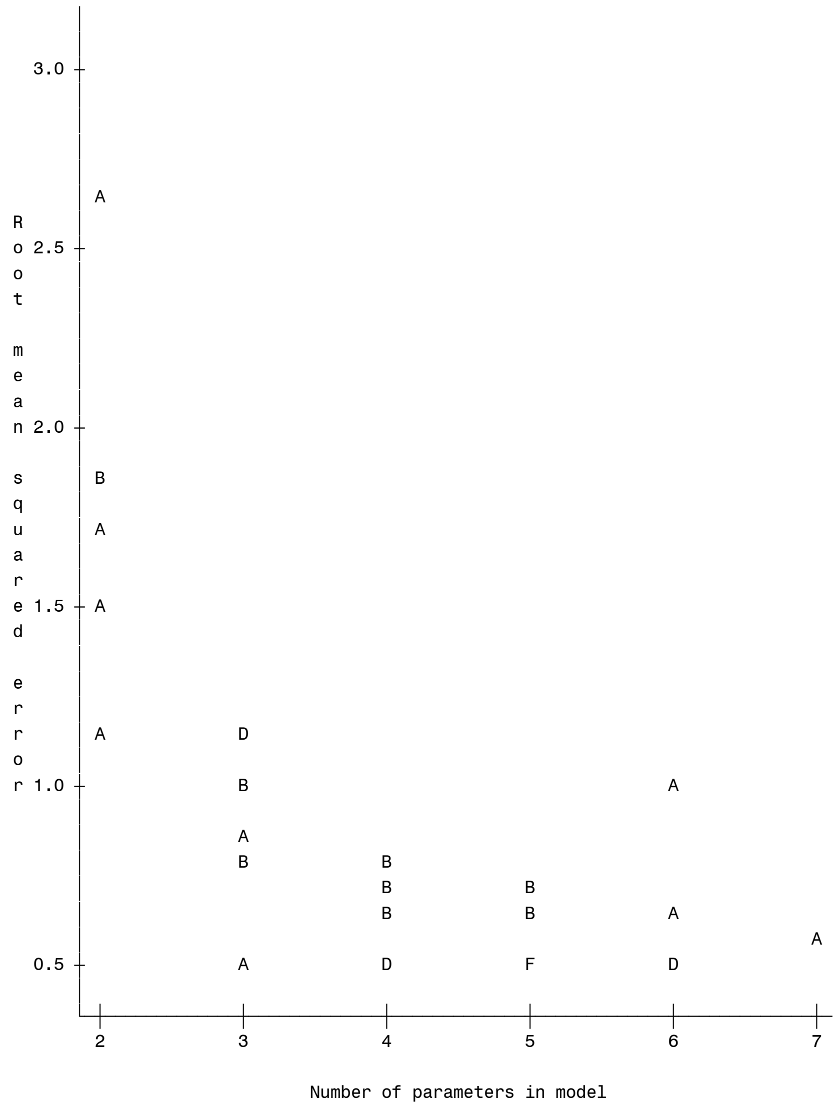
Root MSE	0.53805	**R-Square**	0.9935
Dependent Mean	29.99667	**Adj R-Sq**	0.9918
Coeff Var	1.79372		

Parameter Estimates						
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Variance Inflation**
Intercept	1	8.14186	212.86023	0.04	0.9698	0
fertrate	1	-0.00000195	0.00050111	-0.00	0.9969	15.14634
menwages	1	-0.02919	0.15022	-0.19	0.8477	113.91544
womenwages	1	0.01984	0.17444	0.11	0.9104	67.32553
debt	1	0.06397	0.01850	3.46	0.0021	131.65806
parttime	1	0.65657	0.08205	8.00	<.0001	7.55237
year	1	0.00445	0.11072	0.04	0.9683	95.16237

Plot of _RSQ_*_P_. Legend: A = 1 obs, B = 2 obs, etc.

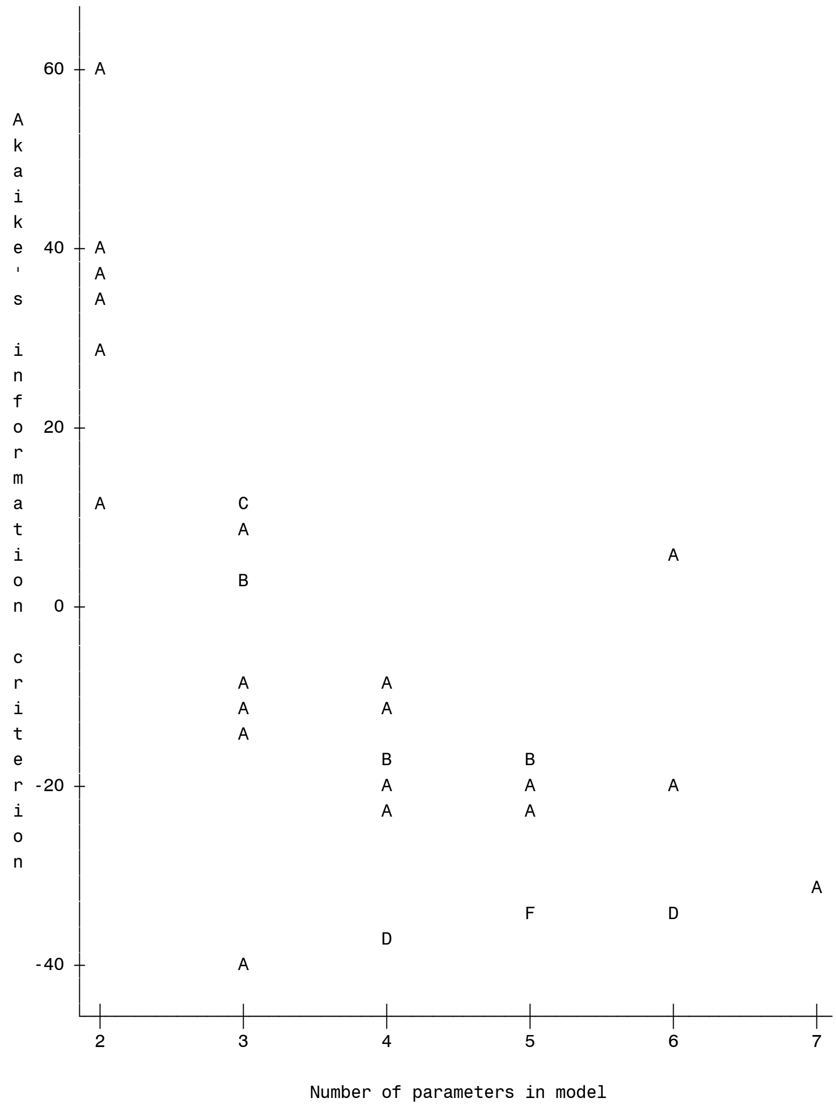


Plot of _RMSE_*_P_. Legend: A = 1 obs, B = 2 obs, etc.

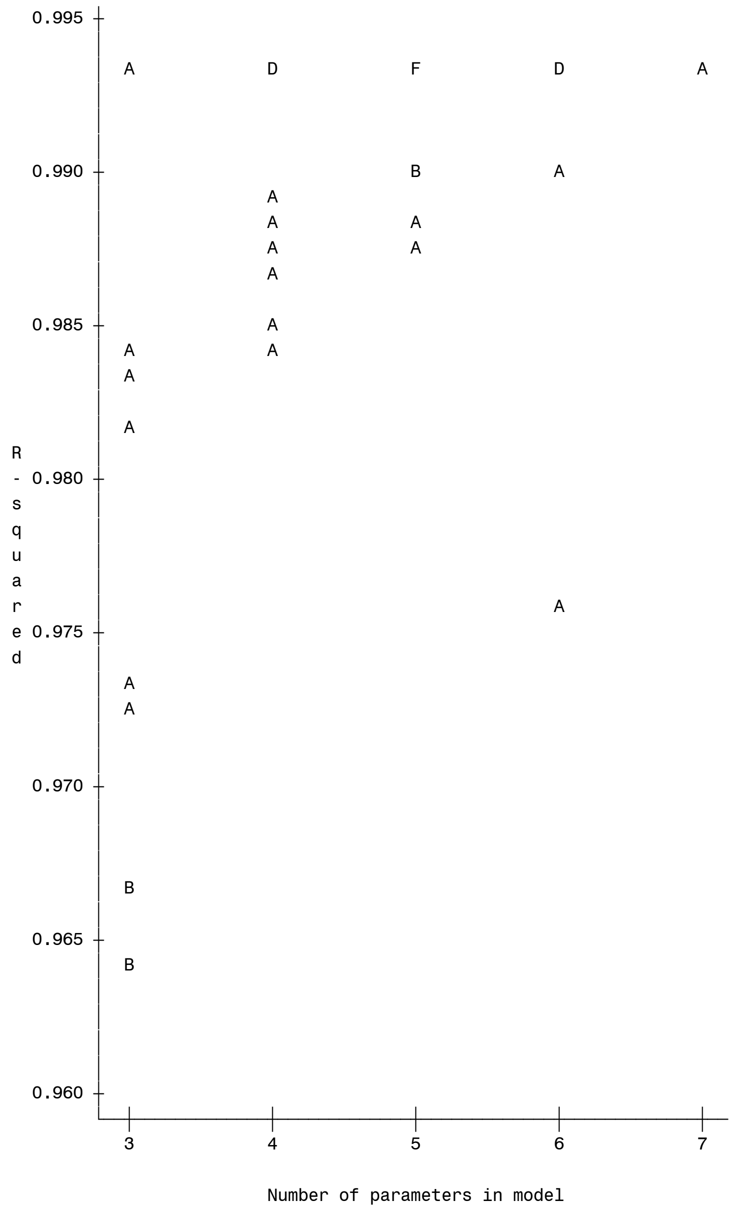


```
              Plot of _SBC_*_P_.  Legend: A = 1 obs, B = 2 obs, etc.

    80 +
       |
       |
       |
       |
       |
       | A
S   60 +
c      |
h      |
w      |
a      |
r      |
z      | A
'   40 + A
s      | A
       |
B      | A
a      |
y      |
e      |
s   20 +
i      |               B
a      | A             B                                         A
n      |
       |               B
c      |
r      |
i    0 +
t      |               A             A
e      |                             A
r      |               B                           A
i      |                             B             A             A
o      |                             A             B
n      |                             A
   -20 +                                                                       A
       |
       |                                                         D
       |                                           F
       |                             D
       |               A
       |
   -40 +
       --+-------------+-------------+-------------+-------------+-------------+--
         2             3             4             5             6             7

                             Number of parameters in model
```

Plot of _AIC_*_P_. Legend: A = 1 obs, B = 2 obs, etc.

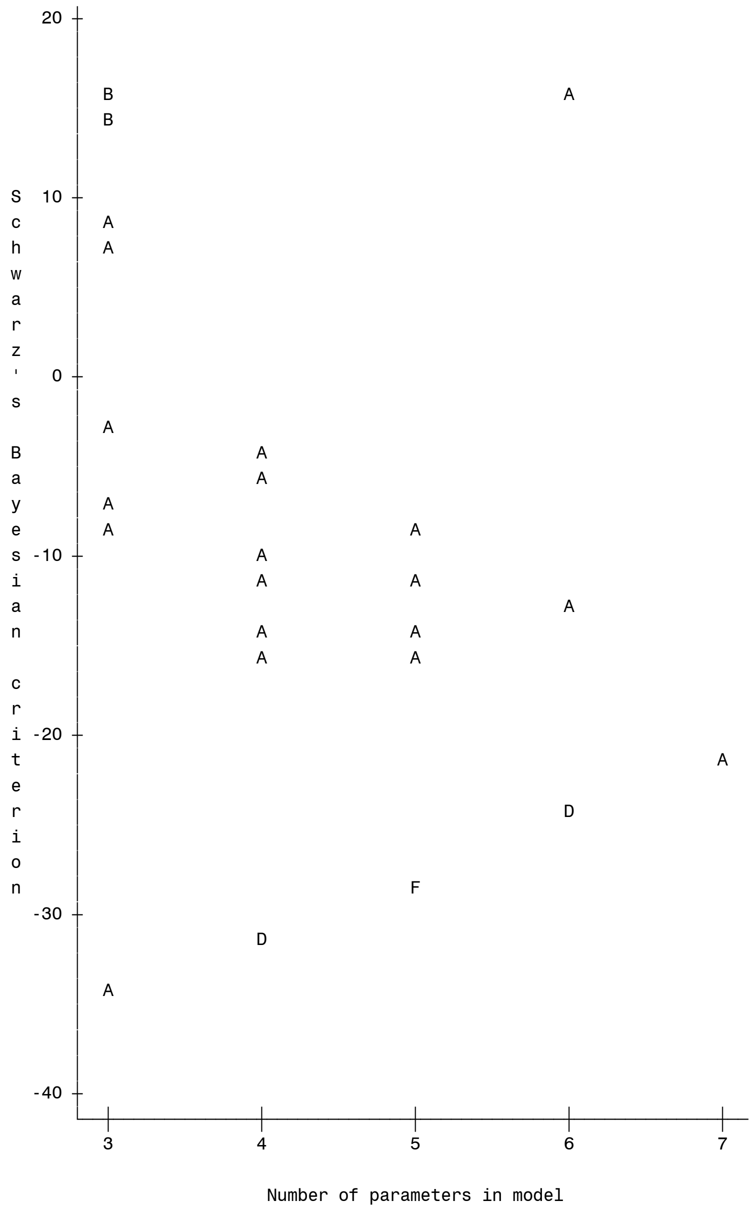


Plot of _RSQ_*_P_. Legend: A = 1 obs, B = 2 obs, etc.

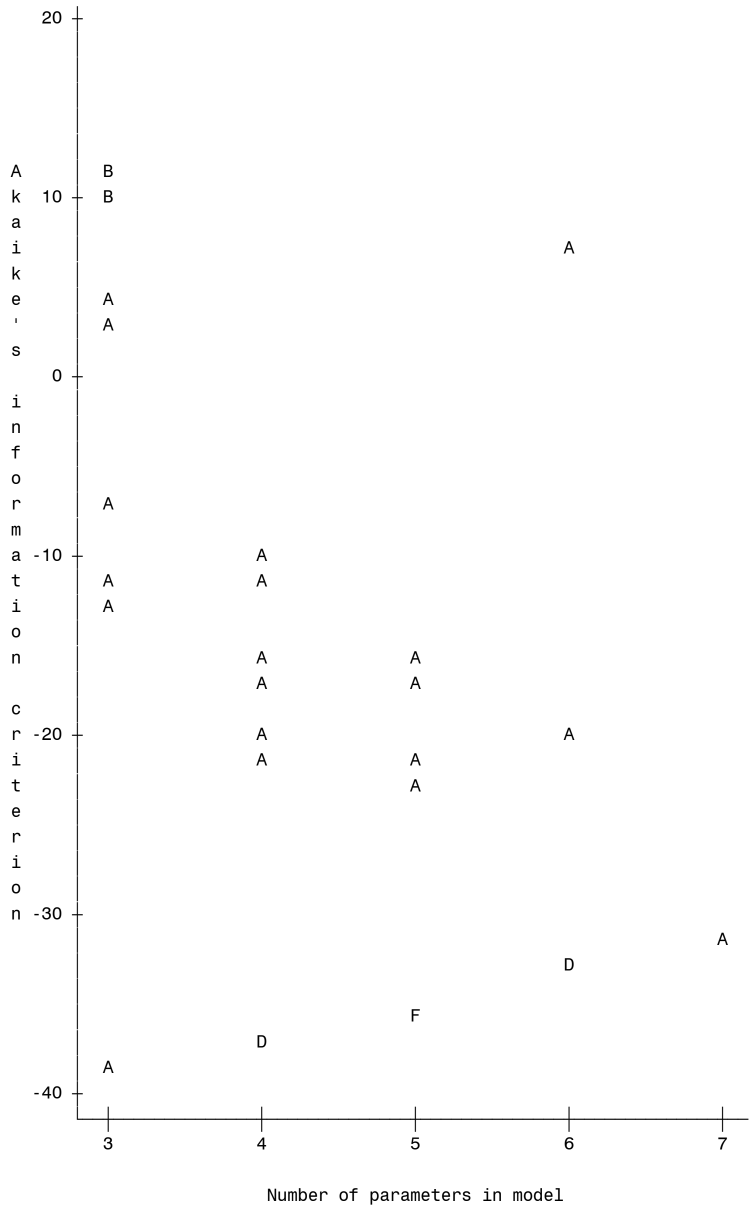


```
        Plot of _RMSE_*_P_.  Legend: A = 1 obs, B = 2 obs, etc.

  1.2 +
      |
      |  B
      |
      |  A
      |  A
  1.1 +
      |
      |
      |
R     |
o     |  A                                            A
o 1.0 +  A
t     |
      |
m     |
e     |
a     |
n 0.9 +
      |
s     |
q     |
u     |  A
a     |
r 0.8 +                 A
e     |  A
d     |  A              A
      |
e     |
r     |                 A              A
r 0.7 +                 A
o     |                 A              A
r     |
      |                 A              A              A
      |                                A
      |
  0.6 +
      |
      |
      |
      |                                               D              A
      |                                F
  0.5 +  A              D
      -+--+--------------+--------------+--------------+--------------+--
         3              4              5              6              7

                         Number of parameters in model
```

Plot of _SBC_*_P_. Legend: A = 1 obs, B = 2 obs, etc.



Plot of _AIC_*_P_. Legend: A = 1 obs, B = 2 obs, etc.



The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Stepwise Selection: Step 1

Variable debt Entered: R-Square = 0.9641 and C(p) = 101.2652

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	989.96599	989.96599	752.34	<.0001
Error	28	36.84367	1.31585		
Corrected Total	29	1026.80967			

Variable	**Parameter Estimate**	**Standard Error**	**Type II SS**	**F Value**	**Pr > F**
Intercept	20.30750	0.41066	3217.68822	2445.34	<.0001
debt	0.09426	0.00344	989.96599	752.34	<.0001

Bounds on condition number: 1, 1

Stepwise Selection: Step 2

Variable parttime Entered: R-Square = 0.9935 and C(p) = -0.9327

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Stepwise Selection: Step 2

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.32501	0.40217	407.54229	1647.74	<.0001
debt	0.06257	0.00323	92.63978	374.55	<.0001
parttime	0.66133	0.05988	30.16563	121.96	<.0001

Bounds on condition number: 4.7089, 18.836

All variables left in the model are significant at the 0.1500 level.

No other variable met the 0.1500 significance level for entry into the model.

Summary of Stepwise Selection								
Step	**Variable Entered**	**Variable Removed**	**Number Vars In**	**Partial R-Square**	**Model R-Square**	**C(p)**	**F Value**	**Pr > F**
1	debt		1	0.9641	0.9641	101.265	752.34	<.0001
2	parttime		2	0.0294	0.9935	-0.9327	121.96	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

Root MSE	0.49733	**R-Square**	0.9935
Dependent Mean	29.99667	**Adj R-Sq**	0.9930
Coeff Var	1.65794		

Parameter Estimates						
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Variance Inflation**
Intercept	1	16.32501	0.40217	40.59	<.0001	0
debt	1	0.06257	0.00323	19.35	<.0001	4.70895
parttime	1	0.66133	0.05988	11.04	<.0001	4.70895

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Backward Elimination: Step 0

All Variables Entered: R-Square = 0.9935 and C(p) = 7.0000

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	6	1020.15110	170.02518	587.30	<.0001
Error	23	6.65857	0.28950		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	8.14186	212.86023	0.00042356	0.00	0.9698
fertrate	-0.00000195	0.00050111	0.00000438	0.00	0.9969
menwages	-0.02919	0.15022	0.01093	0.04	0.8477
womenwages	0.01984	0.17444	0.00375	0.01	0.9104
debt	0.06397	0.01850	3.46312	11.96	0.0021
parttime	0.65657	0.08205	18.53888	64.04	<.0001
year	0.00445	0.11072	0.00046809	0.00	0.9683

Bounds on condition number: 131.66, 2584.6

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Backward Elimination: Step 1

Variable fertrate Removed: R-Square = 0.9935 and C(p) = 5.0000

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	1020.15109	204.03022	735.40	<.0001
Error	24	6.65857	0.27744		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	8.57535	177.54378	0.00064724	0.00	0.9619
menwages	-0.02929	0.14472	0.01136	0.04	0.8413
womenwages	0.02003	0.16389	0.00415	0.01	0.9037
debt	0.06401	0.01473	5.24035	18.89	0.0002
parttime	0.65675	0.06655	27.02287	97.40	<.0001
year	0.00422	0.09198	0.00058508	0.00	0.9638

Bounds on condition number: 110.32, 1665.9

Backward Elimination: Step 2

Variable year Removed: R-Square = 0.9935 and C(p) = 3.0020

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	1020.15051	255.03763	957.47	<.0001
Error	25	6.65916	0.26637		
Corrected Total	29	1026.80967			

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Backward Elimination: Step 2

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.72782	2.31372	13.92311	52.27	<.0001
menwages	-0.02420	0.09121	0.01875	0.07	0.7929
womenwages	0.01599	0.13537	0.00371	0.01	0.9069
debt	0.06434	0.01261	6.94034	26.06	<.0001
parttime	0.65648	0.06495	27.21241	102.16	<.0001

Bounds on condition number: 66.46, 645.28

Backward Elimination: Step 3

Variable womenwages Removed: R-Square = 0.9935 and C(p) = 1.0149

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	1020.14679	340.04893	1326.95	<.0001
Error	26	6.66287	0.25626		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.82851	2.10970	16.30570	63.63	<.0001
menwages	-0.02024	0.08320	0.01517	0.06	0.8097
debt	0.06507	0.01078	9.33401	36.42	<.0001
parttime	0.65690	0.06361	27.33049	106.65	<.0001

Bounds on condition number: 50.542, 285.43

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Backward Elimination: Step 4

Variable menwages Removed: R-Square = 0.9935 and C(p) = -0.9327

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.32501	0.40217	407.54229	1647.74	<.0001
debt	0.06257	0.00323	92.63978	374.55	<.0001
parttime	0.66133	0.05988	30.16563	121.96	<.0001

Bounds on condition number: 4.7089, 18.836

All variables left in the model are significant at the 0.1000 level.

Summary of Backward Elimination							
Step	Variable Removed	Number Vars In	Partial R-Square	Model R-Square	C(p)	F Value	Pr > F
1	fertrate	5	0.0000	0.9935	5.0000	0.00	0.9969
2	year	4	0.0000	0.9935	3.0020	0.00	0.9638
3	womenwages	3	0.0000	0.9935	1.0149	0.01	0.9069
4	menwages	2	0.0000	0.9935	-0.9327	0.06	0.8097

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

Root MSE	0.49733	**R-Square**	0.9935
Dependent Mean	29.99667	**Adj R-Sq**	0.9930
Coeff Var	1.65794		

Parameter Estimates						
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Variance Inflation**
Intercept	1	16.32501	0.40217	40.59	<.0001	0
debt	1	0.06257	0.00323	19.35	<.0001	4.70895
parttime	1	0.66133	0.05988	11.04	<.0001	4.70895

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Forward Selection: Step 1

Variable debt Entered: R-Square = 0.9641 and C(p) = 101.2652

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	989.96599	989.96599	752.34	<.0001
Error	28	36.84367	1.31585		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	20.30750	0.41066	3217.68822	2445.34	<.0001
debt	0.09426	0.00344	989.96599	752.34	<.0001

Bounds on condition number: 1, 1

Forward Selection: Step 2

Variable parttime Entered: R-Square = 0.9935 and C(p) = -0.9327

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Forward Selection: Step 2

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.32501	0.40217	407.54229	1647.74	<.0001
debt	0.06257	0.00323	92.63978	374.55	<.0001
parttime	0.66133	0.05988	30.16563	121.96	<.0001

Bounds on condition number: 4.7089, 18.836

No other variable met the 0.5000 significance level for entry into the model.

Summary of Forward Selection							
Step	**Variable Entered**	**Number Vars In**	**Partial R-Square**	**Model R-Square**	**C(p)**	**F Value**	**Pr > F**
1	debt	1	0.9641	0.9641	101.265	752.34	<.0001
2	parttime	2	0.0294	0.9935	-0.9327	121.96	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

Root MSE	0.49733	R-Square	0.9935
Dependent Mean	29.99667	Adj R-Sq	0.9930
Coeff Var	1.65794		

Parameter Estimates						
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	Variance Inflation
Intercept	1	16.32501	0.40217	40.59	<.0001	0
debt	1	0.06257	0.00323	19.35	<.0001	4.70895
parttime	1	0.66133	0.05988	11.04	<.0001	4.70895

The REG Procedure
Model: MODEL1
Dependent Variable: participation

C(p) Selection Method

Number of Observations Read	30
Number of Observations Used	30

Number in Model	C(p)	R-Square	Root MSE	SBC	Variables in Model
2	-0.9327	0.9935	0.49733	-34.86759	debt parttime
3	1.0149	0.9935	0.50623	-31.53461	menwages debt parttime
3	1.0393	0.9935	0.50649	-31.50281	debt parttime year
3	1.0442	0.9935	0.50655	-31.49641	fertrate debt parttime
3	1.0668	0.9935	0.50680	-31.46697	womenwages debt parttime
4	3.0020	0.9935	0.51611	-28.15014	menwages womenwages debt parttime
4	3.0130	0.9935	0.51623	-28.13584	fertrate menwages debt parttime
4	3.0143	0.9935	0.51624	-28.13410	menwages debt parttime year
4	3.0379	0.9935	0.51651	-28.10346	fertrate debt parttime year
4	3.0393	0.9935	0.51652	-28.10162	womenwages debt parttime year
4	3.0439	0.9935	0.51658	-28.09558	fertrate womenwages debt parttime
5	5.0000	0.9935	0.52673	-24.75157	menwages womenwages debt parttime year
5	5.0016	0.9935	0.52674	-24.74949	fertrate menwages womenwages debt parttime
5	5.0129	0.9935	0.52687	-24.73472	fertrate menwages debt parttime year
5	5.0377	0.9935	0.52716	-24.70240	fertrate womenwages debt parttime year
6	7.0000	0.9935	0.53805	-21.35040	fertrate menwages womenwages debt parttime year
4	14.9650	0.9901	0.63632	-15.58717	fertrate womenwages parttime year
3	16.3540	0.9892	0.65350	-16.21309	fertrate parttime year
4	16.6494	0.9897	0.65146	-14.17569	fertrate menwages parttime year
5	16.9623	0.9901	0.64941	-12.18830	fertrate menwages womenwages parttime year
3	19.2374	0.9884	0.67762	-14.03841	womenwages parttime year
4	21.1012	0.9884	0.68990	-10.73651	menwages womenwages parttime year
3	22.6796	0.9874	0.70533	-11.63333	fertrate menwages parttime
4	23.7395	0.9877	0.71169	-8.87007	fertrate menwages womenwages parttime
3	24.9753	0.9868	0.72323	-10.13014	menwages womenwages parttime
2	31.2563	0.9844	0.76973	-8.66052	menwages parttime
3	31.5991	0.9849	0.77254	-6.17287	menwages parttime year

The REG Procedure
Model: MODEL1
Dependent Variable: participation

C(p) Selection Method

Number in Model	C(p)	R-Square	Root MSE	SBC	Variables in Model
2	33.7555	0.9837	0.78694	-7.33348	womenwages parttime
3	35.5290	0.9838	0.80036	-4.05013	fertrate womenwages parttime
2	41.4771	0.9815	0.83789	-3.56899	parttime year
4	67.0600	0.9755	1.00407	11.78032	fertrate womenwages debt year
3	67.7293	0.9747	0.99956	9.28510	fertrate debt year
4	68.3974	0.9751	1.01176	12.23766	fertrate menwages debt year
5	69.0369	0.9755	1.02464	15.17354	fertrate menwages womenwages debt year
3	70.2469	0.9740	1.01348	10.11526	fertrate womenwages debt
2	70.7300	0.9733	1.00783	7.51091	fertrate debt
4	70.9127	0.9744	1.02605	13.07937	fertrate menwages womenwages debt
3	72.7274	0.9733	1.02702	10.91127	fertrate menwages debt
2	72.8698	0.9727	1.01915	8.18101	fertrate year
3	74.8574	0.9727	1.03850	11.57838	fertrate womenwages year
3	74.8690	0.9727	1.03856	11.58198	fertrate menwages year
4	76.8524	0.9727	1.05904	14.97804	fertrate menwages womenwages year
2	93.4197	0.9669	1.12206	13.95263	menwages debt
3	94.3540	0.9672	1.13823	17.08031	menwages debt year
2	94.8962	0.9665	1.12909	14.32752	debt year
3	94.9990	0.9670	1.14138	17.24614	menwages womenwages debt
3	96.0933	0.9667	1.14671	17.52544	womenwages debt year
4	96.3423	0.9672	1.16071	20.47848	menwages womenwages debt year
1	101.2652	0.9641	1.14710	12.96699	debt
2	102.0503	0.9645	1.16256	16.08042	fertrate menwages
3	102.9386	0.9648	1.17947	19.21584	fertrate menwages womenwages
2	102.9615	0.9642	1.16676	16.29651	womenwages debt
2	154.6657	0.9496	1.38409	26.54548	fertrate womenwages
3	178.9071	0.9434	1.49568	33.46647	menwages womenwages year
2	181.9360	0.9419	1.48597	30.80694	womenwages year
2	195.8110	0.9380	1.53522	32.76304	menwages womenwages
1	201.5840	0.9358	1.53398	30.40437	womenwages

The REG Procedure
Model: MODEL1
Dependent Variable: participation

C(p) Selection Method

Number in Model	C(p)	R-Square	Root MSE	SBC	Variables in Model
2	254.6870	0.9214	1.72863	39.88266	menwages year
1	255.4444	0.9206	1.70586	36.77684	menwages
2	274.9603	0.9157	1.79041	41.98931	fertrate parttime
1	298.5876	0.9085	1.83195	41.05545	year
1	317.0631	0.9033	1.88337	42.71622	parttime
1	640.7090	0.8120	2.62552	62.64940	fertrate

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

Root MSE	0.49733	**R-Square**	0.9935
Dependent Mean	29.99667	**Adj R-Sq**	0.9930
Coeff Var	1.65794		

Parameter Estimates						
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Variance Inflation**
Intercept	1	16.32501	0.40217	40.59	<.0001	0
debt	1	0.06257	0.00323	19.35	<.0001	4.70895
parttime	1	0.66133	0.05988	11.04	<.0001	4.70895

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Maximum R-Square Improvement: Step 1

Variable debt Entered: R-Square = 0.9641 and C(p) = 101.2652

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	989.96599	989.96599	752.34	<.0001
Error	28	36.84367	1.31585		
Corrected Total	29	1026.80967			

Variable	**Parameter Estimate**	**Standard Error**	**Type II SS**	**F Value**	**Pr > F**
Intercept	20.30750	0.41066	3217.68822	2445.34	<.0001
debt	0.09426	0.00344	989.96599	752.34	<.0001

Bounds on condition number: 1, 1

The above model is the best 1-variable model found.

Maximum R-Square Improvement: Step 2

Variable parttime Entered: R-Square = 0.9935 and C(p) = -0.9327

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1020.13163	510.06581	2062.25	<.0001
Error	27	6.67804	0.24733		
Corrected Total	29	1026.80967			

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Maximum R-Square Improvement: Step 2

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.32501	0.40217	407.54229	1647.74	<.0001
debt	0.06257	0.00323	92.63978	374.55	<.0001
parttime	0.66133	0.05988	30.16563	121.96	<.0001

Bounds on condition number: 4.7089, 18.836

The above model is the best 2-variable model found.

Maximum R-Square Improvement: Step 3

Variable menwages Entered: R-Square = 0.9935 and C(p) = 1.0149

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	1020.14679	340.04893	1326.95	<.0001
Error	26	6.66287	0.25626		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.82851	2.10970	16.30570	63.63	<.0001
menwages	-0.02024	0.08320	0.01517	0.06	0.8097
debt	0.06507	0.01078	9.33401	36.42	<.0001
parttime	0.65690	0.06361	27.33049	106.65	<.0001

Bounds on condition number: 50.542, 285.43

The above model is the best 3-variable model found.

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Maximum R-Square Improvement: Step 4

Variable womenwages Entered: R-Square = 0.9935 and C(p) = 3.0020

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	1020.15051	255.03763	957.47	<.0001
Error	25	6.65916	0.26637		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.72782	2.31372	13.92311	52.27	<.0001
menwages	-0.02420	0.09121	0.01875	0.07	0.7929
womenwages	0.01599	0.13537	0.00371	0.01	0.9069
debt	0.06434	0.01261	6.94034	26.06	<.0001
parttime	0.65648	0.06495	27.21241	102.16	<.0001

Bounds on condition number: 66.46, 645.28

The above model is the best 4-variable model found.

Maximum R-Square Improvement: Step 5

Variable year Entered: R-Square = 0.9935 and C(p) = 5.0000

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	1020.15109	204.03022	735.40	<.0001
Error	24	6.65857	0.27744		
Corrected Total	29	1026.80967			

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Maximum R-Square Improvement: Step 5

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	8.57535	177.54378	0.00064724	0.00	0.9619
menwages	-0.02929	0.14472	0.01136	0.04	0.8413
womenwages	0.02003	0.16389	0.00415	0.01	0.9037
debt	0.06401	0.01473	5.24035	18.89	0.0002
parttime	0.65675	0.06655	27.02287	97.40	<.0001
year	0.00422	0.09198	0.00058508	0.00	0.9638

Bounds on condition number: 110.32, 1665.9

The above model is the best 5-variable model found.

Maximum R-Square Improvement: Step 6

Variable fertrate Entered: R-Square = 0.9935 and C(p) = 7.0000

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	1020.15110	170.02518	587.30	<.0001
Error	23	6.65857	0.28950		
Corrected Total	29	1026.80967			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	8.14186	212.86023	0.00042356	0.00	0.9698
fertrate	-0.00000195	0.00050111	0.00000438	0.00	0.9969
menwages	-0.02919	0.15022	0.01093	0.04	0.8477
womenwages	0.01984	0.17444	0.00375	0.01	0.9104
debt	0.06397	0.01850	3.46312	11.96	0.0021
parttime	0.65657	0.08205	18.53888	64.04	<.0001
year	0.00445	0.11072	0.00046809	0.00	0.9683

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Maximum R-Square Improvement: Step 6

Bounds on condition number: 131.66, 2584.6

The above model is the best 6-variable model found.

No further improvement in R-Square is possible.

The REG Procedure
Model: MODEL1
Dependent Variable: participation

Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	6	1020.15110	170.02518	587.30	<.0001
Error	23	6.65857	0.28950		
Corrected Total	29	1026.80967			

Root MSE	0.53805	**R-Square**	0.9935
Dependent Mean	29.99667	**Adj R-Sq**	0.9918
Coeff Var	1.79372		

Parameter Estimates						
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Variance Inflation**
Intercept	1	8.14186	212.86023	0.04	0.9698	0
fertrate	1	-0.00000195	0.00050111	-0.00	0.9969	15.14634
menwages	1	-0.02919	0.15022	-0.19	0.8477	113.91544
womenwages	1	0.01984	0.17444	0.11	0.9104	67.32553
debt	1	0.06397	0.01850	3.46	0.0021	131.65806
parttime	1	0.65657	0.08205	8.00	<.0001	7.55237
year	1	0.00445	0.11072	0.04	0.9683	95.16237