

WEB解説7.5 ラグ変数

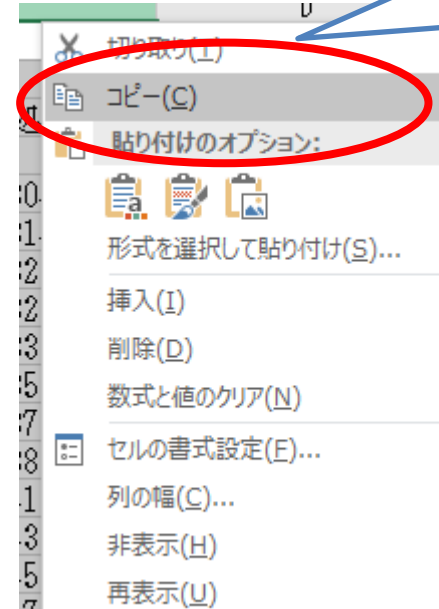
消費関数の例

ラグ変数の作成

	A	B	C	D
1	消費関数用年次データ1980-2007			
2				
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高
4		RC	RYD	RMA
5	1980	178,232.9	304,774.9	457507.3739
6	1981	181,000.2	314,386.4	489346.8401
7	1982	188,722.4	322,011.9	527042.1117
8	1983	194,070.8	329,101.9	582493.4679
9	1984	198,450.2	338,908.7	629559.5402
10	1985	205,919.8	358,121.7	683019.2135
11	1986	212,428.1	371,861.8	763625.7174
12	1987	220,709.3	386,722.5	846323.348
13	1988	230,958.4	410,766.9	954802.7263
14	1989	241,157.6	431,427.2	1070629.374
15	1990	252,408.6	455,788.9	1027010.021
16	1991	257,039.6	471,835.9	1046293.788
17	1992	262,234.2	478,055.9	1044534.187
18	1993	264,250.6	478,547.3	1101718.217
19	1994	269,749.5	480,173.3	1161100.293
20	1995	274,169.7	487,568.1	1212521.722
21	1996	280,003.0	499,707.8	1257892.059
22	1997	281,316.8	505,048.8	1263504.377
23	1998	278,649.6	498,183.1	1289971.984
24	1999	280,997.9	497,518.0	1389274.803
25	2000	282,786.3	505,945.9	1414657.1
26	2001	287,422.5	505,478.2	1409891.287
27	2002	290,572.0	508,863.0	1419756.276
28	2003	292,502.1	517,712.4	1424007.547

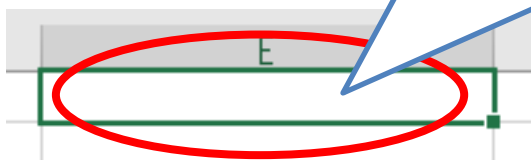
	A	B	C	D
1	消費関数用年次データ1980-2007			
2				
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高
4		RC	RVD	RMA
5	1980	178,232.0	304,774.9	457507.3739
6	1981	181,000.2	314,386.4	489346.8401
7	1982	188,722.4	322,011.9	527042.1117
8	1983	194,070.8	329,101.9	582493.4679
9	1984	198,450.2	338,908.7	629559.5402
10	1985	205,919.8	358,121.7	683019.2135
11	1986	212,428.6	371,861.8	763625.7174
12	1987	220,709.4	386,722.5	846323.348
13	1988	230,709.4	410,766.9	954802.7263
14	1989	242,234.2	431,427.2	1070629.374
15	1990	258,088.6	455,788.9	1027010.021
16	1991	270,039.8	471,835.9	1046293.788
17	1992	282,234.2	478,055.9	1044534.187

①Cと書いてある
ところをクリックし、
C列全体を選択。

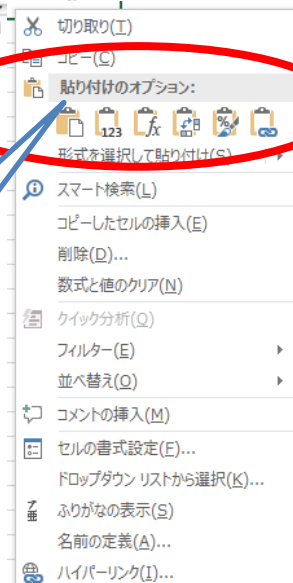


②右クリックをし、
コピーを選択する。

③空いているE1セルをクリック。



④右クリックで
貼り付け。



確認

	A	B	C	D	E
1	消費関数用年次データ1980-2007				
2					
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得 (不突
4		RC	RYD	RMA	RYD
5	1980	178,232.9	304,774.9	457507.3739	304,774.9
6	1981	181,000.2	314,386.4	489346.8401	314,386.4
7	1982	188,722.4	322,011.9	527042.1117	322,011.9
8	1983	194,070.8	329,101.9	582493.4679	329,101.9
9	1984	198,450.2	338,908.7	629559.5402	338,908.7
10	1985	205,919.8	358,121.7	683019.2135	358,121.7
11	1986	212,428.1	371,861.8	763625.7174	371,861.8
12	1987	220,709.3	386,722.5	846323.348	386,722.5
13	1988	230,958.4	410,766.9	954802.7263	410,766.9
14	1989	241,157.6	431,427.2	1070629.374	431,427.2
15	1990	252,408.6	455,788.9	1027010.021	455,788.9
16	1991	257,039.6	471,835.9	1046293.788	471,835.9
17	1992	262,234.2	478,055.9	1044534.187	478,055.9
18	1993	264,250.6	478,547.3	1101718.217	478,547.3
19	1994	269,749.5	480,173.3	1161100.293	480,173.3
20	1995	274,169.7	487,568.1	1212521.722	487,568.1
21	1996	280,003.0	499,707.8	1257892.059	499,707.8
22	1997	281,316.8	505,048.8	1263504.377	505,048.8
23	1998	278,649.6	498,183.1	1289971.984	498,183.1
24	1999	280,997.9	497,518.0	1389274.803	497,518.0
25	2000	282,786.3	505,945.9	1414657.1	505,945.9
26	2001	297,422.5	505,479.9	1400001.207	505,479.9

一期前に変数を調整する

①コピーした変数の一番上のセルで右クリックし「挿入」を選ぶ。

②下方向にシフトを選ぶ。

③OK

④確認。

	D	E	F
	実質金融資産残高 RMA	実質国民総 RVD	
	457507.3739	304,774.9	
	489346.8401		
	527042.1117		
	582493.4679		
	629559.5402		
	683019.2135		
	763625.7174		
	846323.348		
	954802.7263		
	1070629.374		
	1027010.021		
	1046293.788		
	1044534.187		
	1101718.217		
	1181100.202		

	D	E	F
	実質金融資産残高 RMA	実質国民総 RVD	可処分所得 (不突合を含)
.9	457507.3739	304,774.9	
.4	489346.8401	314,386.4	
.9	527042.1117	322,011.9	
.9	582493.4679	329,101.9	
.7	629559.5402	338,908.7	
.7	683019.2135		

変数名を「RYD_1」とする

	A	B	C	D	E	F
1	消費関数用年次データ1980-2007					
2						
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得（不突合を含まず	
4		RC	RYD	RMA	RYD_1	
5	1980	178,232.9	304,774.9	457507.3739		
6	1981	181,000.2	314,386.4	489346.8401	304,774.9	
7	1982	188,722.4	322,011.9	527042.1117	314,386.4	
8	1983	194,070.8	329,101.9	582493.4679	322,011.9	
9	1984	198,450.2	338,908.7	629559.5402	329,101.9	
10	1985	205,919.8	358,121.7	683019.2135	338,908.7	
11	1986	212,428.1	371,861.8	763625.7174	358,121.7	
12	1987	220,709.3	386,722.5	846323.348	371,861.8	
13	1988	230,958.4	410,766.9	954802.7263	386,722.5	
14	1989	241,157.6	431,427.2	1070629.374	410,766.9	
15	1990	252,408.6	455,788.9	1027010.021	431,427.2	
16	1991	257,039.6	471,835.9	1046293.788	455,788.9	
17	1992	262,234.2	478,055.9	1044534.187	471,835.9	

RYD_1と
入力。

同様にラグ付内生変数を作成

	A	B	C	D	E	F
1	消費関数用年次データ1980-2007					
2						
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得	(不突合を含まず)
4		RC	RYD	RMA	RYD_1	RC 1
5	1980	178,232.9	304,774.9	457507.3739		
6	1981	181,000.2	314,386.4	489346.8401	304,774.9	178,232.9
7	1982	188,722.4	322,011.9	527042.1117	314,386.4	181,000.2
8	1983	194,070.8	329,101.9	582493.4679	322,011.9	188,722.4
9	1984	198,450.2	338,908.7	629559.5402	329,101.9	194,070.8
10	1985	205,919.8	358,121.7	683019.2135	338,908.7	198,450.2
11	1986	212,428.1	371,861.8	763625.7174	358,121.7	205,919.8
12	1987	220,709.3	386,722.5	846323.348	371,861.8	212,428.1
13	1988	230,958.4	410,766.9	954802.7263	386,722.5	220,709.3
14	1989	241,157.6	431,427.2	1070629.374	410,766.9	230,958.4
15	1990	252,408.6	455,788.9	1027010.021	431,427.2	241,157.6
16	1991	257,039.6	471,835.9	1046293.788	455,788.9	252,408.6
17	1992	262,234.2	478,055.9	1044534.187	471,835.9	257,039.6
18	1993	264,250.6	478,547.3	1101718.217	478,055.9	262,234.2
19	1994	269,749.5	480,173.3	1161100.293	478,547.3	264,250.6
20	1995	274,169.7	487,568.1	1212521.722	480,173.3	269,749.5
21	1996	280,003.0	499,707.8	1257892.059	487,568.1	274,169.7
22	1997	281,316.8	505,048.8	1263504.377	499,707.8	280,003.0
23	1998	278,649.6	498,183.1	1289971.984	505,048.8	281,316.8
24	1999	280,997.9	497,518.0	1389274.803	498,183.1	278,649.6
25	2000	282,786.3	505,945.9	1414657.1	497,518.0	280,997.9
26	2001	287,422.5	505,478.2	1409891.287	505,945.9	282,786.3
27	2002	290,572.0	508,863.0	1419756.276	505,478.2	287,422.5
28	2003	292,592.1	517,713.4	1484907.547	508,863.0	290,572.0
29	2004	298,443.1	530,307.1	1536396.174	517,713.4	292,592.1
30	2005	303,925.5	545,316.8	1665349.514	530,307.1	298,443.1
31	2006	309,510.2	553,582.2	1703642.329	545,316.8	303,925.5
32	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2
33					566,452.0	319,617.7

データが一期前の数字か確認

	A	B	C	D	E	F
1	消費関数用年次データ1980-2007					
2						
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得 (不適合を含まず)	
4		RC	RVD	RMA	RVD_1	RC_1
5	1980	178,232.9	304,774.9	457507.373		
6	1981	181,000.2	314,386.4	489346.8401	304,774.9	178,232.9
7	1982	188,722.4	322,011.9	527042.1117	314,386.4	181,000.2
8	1983	194,070.8	329,101.9	582493.4679	322,011.9	188,722.4
9	1984	198,450.2	338,908.7	629559.5402	329,101.9	194,070.8
10	1985	205,919.8	358,121.7	683019.2135	338,908.7	198,450.2
11	1986	212,428.1	371,861.8	763625.7174	358,121.7	205,919.8
12	1987	220,709.3	386,722.5	846323.348	371,861.8	212,428.1
13	1988	230,958.4	410,766.9	954802.7263	386,722.5	220,709.3
14	1989	241,157.6	431,427.2	1070629.374	410,766.9	230,958.4
15	1990	252,408.6	455,788.9	1027010.021	431,427.2	241,157.6
16	1991	257,039.6	471,835.9	1046293.788	455,788.9	252,408.6
17	1992	262,234.2	478,055.9	1044534.187	471,835.9	257,039.6
18	1993	264,250.6	478,547.3	1101718.217	478,055.9	262,234.2
19	1994	269,749.5	480,173.3	1161100.293	478,547.3	264,250.6
20	1995	274,169.7	487,568.1	1212521.722	480,173.3	269,749.5
21	1996	280,003.0	499,707.8	1257892.059	487,568.1	274,169.7
22	1997	281,316.8	505,048.8	1263504.377	499,707.8	280,003.0
23	1998	278,649.6	498,183.1	1289971.984	505,048.8	281,316.8
24	1999	280,997.9	497,518.0	1389274.803	498,183.1	278,649.6
25	2000	282,786.3	505,945.9	1414657.1	497,518.0	280,997.9
26	2001	287,422.5	505,478.2	1409891.287	505,945.9	282,786.3
27	2002	290,572.0	508,863.0	1419756.276	505,478.2	287,422.5
28	2003	292,592.1	517,713.4	1484907.547	508,863.0	290,572.0
29	2004	298,443.1	530,307.1	1536396.174	517,713.4	292,592.1
30	2005	303,925.5	545,316.8	1665349.514	530,307.1	298,443.1
31	2006	309,510.2	553,582.2	1703642.329	545,316.8	303,925.5
32	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2
33					566,452.0	319,617.7

調整必要

①数字5でクリックし、列全体を選択。

	A	C	D	E	
1	消費関数用年次データ1980-2007				
2					
3	実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得（不突合を	
4	RC	RYD	RMA	RYD 1	RC 1
5	1980	178,232.9	304,774.9	457507.3739	
6	1981	181,000.2	314,386.4	489346.8401	304,774.9
7	1982	188,722.4	322,011.9	527042.1117	314,386.4
8	1983	194,070.8	329,101.9	582493.4679	322,011.9
9	1984	198,450.2	338,908.7	629559.5402	329,101.9

5	1980	178,232.9	304,774.9	457507.3739	
6	1981	181,000.2	314,386.4	489346.8401	304,774.9
7	1982	188,722.4	322,011.9	527042.1117	314,386.4
8	1983	194,070.8	329,101.9	582493.4679	322,011.9
9	1984	198,450.2	338,908.7	629559.5402	329,101.9
10	1985	205,919.8	358,121.7	683019.2135	338,908.7
11	1986	212,428.1	371,861.8	763625.7174	358,121.7

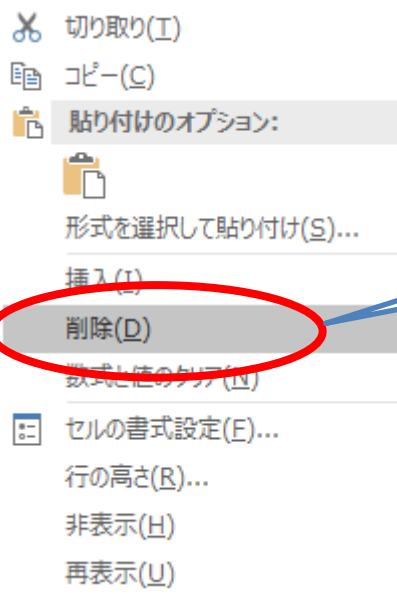
②右クリックし、削除。

③確認

	A	B	C	D	E	F
1	消費関数用年次データ1980-2007					
2						
3	実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得（不突合を含まず）		
4	RC	RYD	RMA	RYD 1	RC 1	
5	1981	181,000.2	314,386.4	489346.8401	304,774.9	178,232.9
6	1982	188,722.4	322,011.9	527042.1117	314,386.4	181,000.2
7	1983	194,070.8	329,101.9	582493.4679	322,011.9	188,722.4
8	1984	198,450.2	338,908.7	629559.5402	329,101.9	194,070.8
9	1985	205,919.8	358,121.7	683019.2135	338,908.7	198,450.2
10	1986	212,428.1	371,861.8	763625.7174	358,121.7	205,919.8

31	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2
32					566,452.0	319,617.7
33						

①数字32上でクリックし、列全体を選択。



②右クリックし、削除。

③確認。

29	2005	303,925.5	545,316.8	1665349.514	530,307.1	298,443.1
30	2006	309,510.2	553,582.2	1703642.329	545,316.8	303,925.5
31	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2
32						
33						

	A	B	C	D	E	F
1	消費関数用年次データ1981-2007					
2						
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得	(不突合を含まず)
4		RC	RYD	RMA	RYD_1	RC_1
5	1981	181,000.1	314,386.4	489346.8401	304,774.9	178,232.9
6	1982	188,722.4	322,011.9	527042.1117	314,386.4	181,000.2
7	1983	194,070.8	329,101.9	582493.4679	322,011.9	188,722.4
8	1984	198,450.2	338,908.7	629559.5402	329,101.9	194,070.8
9	1985	205,919.8	358,121.7	683019.2135	338,908.7	198,450.2
10	1986	212,428.1	361.8	763625.7174	358,121.7	205,919.8
11	1987	220,709.3			371,861.8	212,428.1
12	1988	230,958.4			386,722.5	220,709.3
13	1989	241,157.6			410,766.9	230,958.4
14	1990	252,408.6			431,427.2	241,157.6
15	1991	257,039.6			455,788.9	252,408.6
16	1992	262,234.2			471,835.9	257,039.6
17	1993	264,250.6			478,055.9	262,234.2
18	1994	269,749.5	480,173.3	1161100.293	478,547.3	264,250.6
19	1995	274,169.7	487,568.1	1212521.722	480,173.3	269,749.5
20	1996	280,003.0	499,707.8	1257892.059	487,568.1	274,169.7
21	1997	281,316.8	505,048.8	1263504.377	499,707.8	280,003.0
22	1998	278,649.6	498,183.1	1289971.984	505,048.8	281,316.8
23	1999	280,997.9	497,518.0	1389274.803	498,183.1	278,649.6
24	2000	282,786.3	505,945.9	1414657.1	497,518.0	280,997.9
25	2001	287,422.5	505,478.2	1409891.287	505,945.9	282,786.3
26	2002	290,572.0	508,863.0	1419756.276	505,478.2	287,422.5
27	2003	292,592.1	517,713.4	1484907.547	508,863.0	290,572.0
28	2004	298,443.1	530,307.1	1536396.174	517,713.4	292,592.1
29	2005	303,925.5	545,316.8	1665349.514	530,307.1	298,443.1
30	2006	309,510.2	553,582.2	1703642.329	545,316.8	303,925.5
31	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2
32						

年代の変化にあわせ、
タイトルを修正すると
わかりやすい。

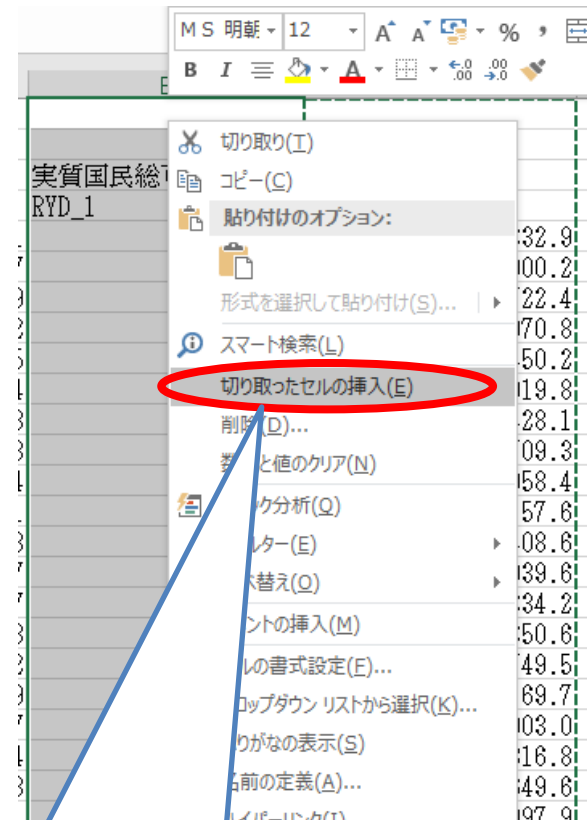
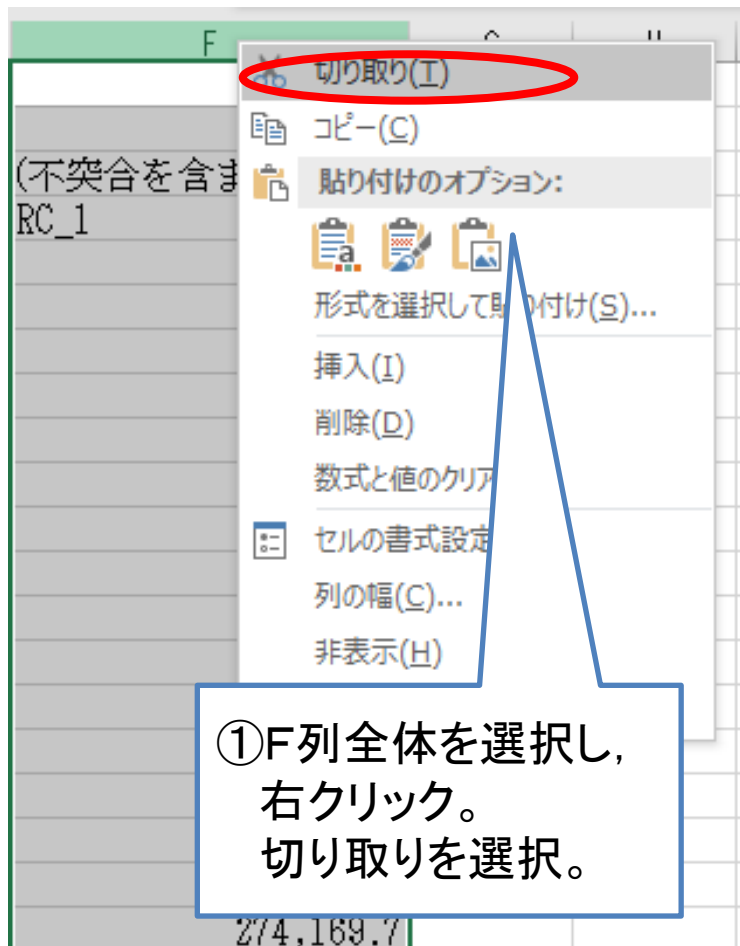
以下のデータで回帰

	A	B	C	D	E	F
1	消費関数用年次データ1981-2007					
2						
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高	実質国民総可処分所得 (不突合を含まず)	
4		RC	RYD	RMA	RYD_1	RC_1
5	1981	181,000.2	314,386.4	489346.8401	304,774.9	178,232.9
6	1982	188,722.4	322,011.9	527042.1117	314,386.4	181,000.2
7	1983	194,070.8	329,101.9	582493.4679	322,011.9	188,722.4
8	1984	198,450.2	338,908.7	629559.5402	329,101.9	194,070.8
9	1985	205,919.8	358,121.7	683019.2135	338,908.7	198,450.2
10	1986	212,428.1	371,861.8	763625.7174	358,121.7	205,919.8
11	1987	220,709.3	386,722.5	846323.348	371,861.8	212,428.1
12	1988	230,958.4	410,766.9	954802.7263	386,722.5	220,709.3
13	1989	241,157.6	431,427.2	1070629.374	410,766.9	230,958.4
14	1990	252,408.6	455,788.9	1027010.021	431,427.2	241,157.6
15	1991	257,039.6	471,835.9	1046293.788	455,788.9	252,408.6
16	1992	262,234.2	478,055.9	1044534.187	471,835.9	257,039.6
17	1993	264,250.6	478,547.3	1101718.217	478,055.9	262,234.2
18	1994	269,749.5	480,173.3	1161100.293	478,547.3	264,250.6
19	1995	274,169.7	487,568.1	1212521.722	480,173.3	269,749.5
20	1996	280,003.0	499,707.8	1257892.059	487,568.1	274,169.7
21	1997	281,316.8	505,048.8	1263504.377	499,707.8	280,003.0
22	1998	278,649.6	498,183.1	1289971.984	505,048.8	281,316.8
23	1999	280,997.9	497,518.0	1389274.803	498,183.1	278,649.6
24	2000	282,786.3	505,945.9	1414657.1	497,518.0	280,997.9
25	2001	287,422.5	505,478.2	1409891.287	505,945.9	282,786.3
26	2002	290,572.0	508,863.0	1419756.276	505,478.2	287,422.5
27	2003	292,592.1	517,713.4	1484907.547	508,863.0	290,572.0
28	2004	298,443.1	530,307.1	1536396.174	517,713.4	292,592.1
29	2005	303,925.5	545,316.8	1665349.514	530,307.1	298,443.1
30	2006	309,510.2	553,582.2	1703642.329	545,316.8	303,925.5
31	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2

推定結果

31	2007	319,617.7	566,452.0	1679010.444	553,582.2	309,510.2			
32									
33									
34	概要								
35									
36	回帰統計								
37	重相関 R	0.998695042							
38	重決定 R ²	0.997391786							
39	補正 R ²	0.997051585							
40	標準誤差	2181.314167							
41	観測数	27							
42									
43	分散分析表								
44	自由度	変動	分散	観測された分散比	有意 F				
45	回帰	3	41849174447	13949724816	2931.765301	7.65584E-30			
46	残差	23	109437024.4	4758131.496					
47	合計	26	41958611472						
48									
49	係数	標準誤差	t	P-値	下限 95%	上限 95%	下限 95.0%	上限 95.0%	
50	切片	49143.13409	6003.133425	8.186247183	2.88345E-08	36724.70644	61561.56	36724.71	61561.56
51	RYD	0.216849174	0.066929069	3.239984897	0.003615612	0.078395845	0.355303	0.078396	0.355303
52	RMA	0.029948088	0.005227539	5.728907859	7.79756E-06	0.0191341	0.040762	0.019134	0.040762
53	RYD_1	0.168455964	0.058479705	2.88058846	0.008443757	0.047481477	0.28943	0.047481	0.28943
54									
55									

変数を入れ替える



1	消費関数用年次データ1981-2007						
2							
3		実質民間最終消費支出	実質国民総可処分所得	実質金融資産残高		実質国民総可処分所得（不適合を	
4		RC	RYD	RMA	RC_1	RYD_1	
5	1981	181,000.2	314,386.4	489346.8401	178,232.9	304,774.9	
6	1982	188,722.4	322,011.9	527042.1117	181,000.2	314,386.4	
7	1983	194,070.8	329,101.9	582493.4679	188,722.4	322,011.9	
8	1984	198,450.2	338,908.7	629559.5402	194,070.8	329,101.9	
9	1985	205,919.8	358,121.7	683019.2135	198,450.2	338,908.7	
10	1986	212,428.1	371,861.8	763625.7174	205,919.8	358,121.7	
11	1987	220,709.3	386,722.5	846323.348	212,428.1	371,861.8	
12	1988	230,958.4	410,766.9	954802.7263	220,709.3	386,722.5	
13	1989	241,157.6	431,427.2	1070629.374	230,958.4	410,766.9	
14	1990	252,408.6	455,788.9	1027010.021	241,157.6	431,427.2	
15	1991	257,039.6	471,835.9	1046293.788	252,408.6	455,788.9	
16	1992	262,234.2	478,055.9	1044534.187	257,039.6	471,835.9	
17	1993	264,250.6	478,547.3	1101718.217	262,234.2	478,055.9	
18	1994	269,749.5	480,173.3	1161100.293	264,250.6	478,547.3	
19	1995	274,169.7	487,568.1	1212521.722	269,749.5	480,173.3	
20	1996	280,003.0	499,707.8	1257892.059	274,169.7	487,568.1	
21	1997	281,316.8	505,048.8	1263504.377	280,003.0	499,707.8	
22	1998	278,649.6	498,183.1	1289971.984	281,316.8	505,048.8	
23	1999	280,997.9	497,518.0	1389274.803	278,649.6	498,183.1	
24	2000	282,786.3	505,945.9	1414657.1	280,997.9	497,518.0	
25	2001	287,422.5	505,478.2	1409891.287	282,786.3	505,945.9	
26	2002	290,572.0	508,863.0	1419756.276	287,422.5	505,478.2	
27	2003	292,592.1	517,713.4	1484907.547	290,572.0	508,863.0	
28	2004	298,443.1	530,307.1	1536396.174	292,592.1	517,713.4	
29	2005	303,925.5	535,316.8	1665349.514	298,443.1	530,307.1	
30	2006	309,510.2	545,582.2	1703642.329	303,925.5	545,316.8	
31	2007	319,617.7	553,582.0	1679010.444	309,510.2	553,582.2	
32							

①確認。

②このデータで回帰。

推定結果

52	RMA	0.029948088	0.005227539	5.728907859	7.79756E-06	0.0191341	0.040762	0.019134	0.040762
53	RYD_1	0.168455964	0.058479705	2.88058846	0.008443757	0.047481477	0.28943	0.047481	0.28943
54									
55									
56									
57	概要								
58									
59	回帰統計								
60	重相関 R	0.999099763							
61	重決定 R ²	0.998200337							
62	補正 R ²	0.997965599							
63	標準誤差	1811.933326							
64	観測数	27							
65									
66	分散分析表								
67		自由度	変動	分散	観測された分散比	有意 F			
68	回帰	3	41883100117	13961033372	4252.390501	1.07376E-31			
69	残差	23	75511354.72	3283102.379					
70	合計	26	41958611472						
71									
72		係数	標準誤差	t	P-値	下限 95%	上限 95%	下限 95.0%	上限 95.0%
73	切片	32064.08255	5429.902888	5.905093187	5.09525E-06	20831.47261	43296.69	20831.47	43296.69
74	RYD	0.228867406	0.040892122	5.59685819	1.07475E-05	0.144275607	0.313459	0.144276	0.313459
75	RMA	0.018860711	0.004784545	3.942007428	0.000649616	0.008963126	0.028758	0.008963	0.028758
76	RC_1	0.394389881	0.083406007	4.728554871	9.15685E-05	0.22185141	0.566928	0.221851	0.566928
77									