APPENDIX 18: TEST DIMENSIONALITY

SCIENCE GRADE 4

Table 18–1. Science Grade 4—Test Dimensionality

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =        68.3 100.0%         100.0%
  Raw variance explained by measures   =        20.3  29.8%          28.5%
    Raw variance explained by persons  =        12.6  18.5%          17.7%
    Raw Variance explained by items    =         7.7  11.3%          10.8%
  Raw unexplained variance (total)     =        48.0  70.2% 100.0%   71.5%
    Unexplned variance in 1st contrast =         1.9   2.8%   4.0%
    Unexplned variance in 2nd contrast =         1.5   2.2%   3.1%
    Unexplned variance in 3rd contrast =         1.3   1.9%   2.7%
    Unexplned variance in 4th contrast =         1.3   1.9%   2.7%
    Unexplned variance in 5th contrast =         1.2   1.8%   2.6%

       STANDARDIZED RESIDUAL VARIANCE SCREE PLOT

        VARIANCE COMPONENT SCREE PLOT
       +--+--+--+--+--+--+--+--+--+--+--+
   100%+  T                             +
       |                                |
  V 63%+              U                 +
  A    |                                |
  R 40%+                                +
  I    |                                |
  A 25%+     M                          +
  N    |                                |
  C 16%+        P                       +
  E    |                                |
    10%+           I                    +
  L    |                                |
  O  6%+                                +
  G    |                                |
  |  4%+                                +
  S    |                                |
  C  3%+                 1              +
  A    |                    2           |
  L  2%+                       3  4  5  +
  E    |                                |
  D  1%+                                +
       |                                |
   0.5%+                                +
       +--+--+--+--+--+--+--+--+--+--+--+
          TV MV PV IV UV U1 U2 U3 U4 U5
         VARIANCE COMPONENTS
```

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                  -- Empirical --    Modeled
Total raw variance in observations     =         68.3 100.0%         100.0%
  Raw variance explained by measures   =         20.3  29.8%          28.5%
    Raw variance explained by persons  =         12.6  18.5%          17.7%
    Raw Variance explained by items    =          7.7  11.3%          10.8%
  Raw unexplained variance (total)     =         48.0  70.2% 100.0%   71.5%
    Unexplned variance in 1st contrast =          1.9   2.8%   4.0%

       STANDARDIZED RESIDUAL CONTRAST 1 PLOT

      -2              -1               0               1               2
      -+---------------+---------------+---------------+---------------+- COUNT
C     |                                |                               |
O  .4 +                             BA |                               + 2
N     |                  C             D|                               | 2
T  .3 +        E                       |                               + 1
R     |      H       FG                |                               | 3
A  .2 +                   J            K|   I            L              + 4
S     |                       N M      |    O                          | 3
T  .1 +              P                 |  Q R                          + 3
      |                        S      T |       V  WU                   | 5
1  .0 +-----x-----------------------ws-v------t---u-r-X----------------+ 8
      |            o p        q        |                               | 3
L -.1 +         m               n      |                               + 2
O     |                                |     lj   k                    | 3
A -.2 +                                |           g  fh    i          + 4
D     |                                |         e                     | 1
I -.3 +                                |                      d        + 1
N     |                                |            c                  | 1
G -.4 +                                |             a b               + 2
      -+---------------+---------------+---------------+---------------+-
      -2              -1               0               1               2
                                  SCI MEASURE
 COUNT:     11 11  1 4   11   212    2321  112121 13221221   1  1
```

```
CONTRAST 1 FROM PRINCIPAL COMPONENT ANALYSIS
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =        68.3 100.0%         100.0%
  Raw variance explained by measures   =        20.3  29.8%          28.5%
    Raw variance explained by persons  =        12.6  18.5%          17.7%
    Raw Variance explained by items    =         7.7  11.3%          10.8%
  Raw unexplained variance (total)     =        48.0  70.2% 100.0%   71.5%
    Unexplned variance in 1st contrast =         1.9   2.8%   4.0%
```

STANDARDIZED RESIDUAL LOADINGS FOR SCI (SORTED BY LOADING)

CON-TRAST	LOADING	INFIT MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R	LOADING	INFIT MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R
1	.41	-.0928	.83	.71	A 46	I0046	M	-.38	.9636	1.25	1.38	a 43	I0043	M
1	.40	-.1176	.86	.74	B 19	I0019	M	-.38	1.0763	1.37	1.53	b 16	I0016	M
1	.35	-.8889	.71	.53	C 23	I0023	M	-.33	.8773	1.19	1.23	c 35	I0035	M
1	.34	.0302	.84	.73	D 40	I0040	M	-.30	1.5433	1.16	1.29	d 20	I0020	M
1	.30	-1.5217	1.02	.93	E 27	I0027	M	-.24	.7010	1.22	1.31	e 31	I0031	M
1	.26	-1.1320	.74	.55	F 6	I0006	M	-.22	1.0098	1.04	1.09	f 15	I0015	M
1	.24	-1.1528	.86	.65	G 10	I0010	M	-.21	.8212	1.16	1.23	g 17	I0017	M
1	.23	-1.6064	.62	.38	H 2	I0002	M	-.21	1.0811	1.07	1.11	h 38	I0038	M
1	.22	.3198	.86	.81	I 37	I0037	M	-.18	1.3472	1.06	1.14	i 18	I0018	M
1	.20	-.8305	.89	.84	J 39	I0039	M	-.16	.4774	1.06	1.08	j 14	I0014	M
1	.19	.0283	.97	.93	K 33	I0033	M	-.14	.7552	1.06	1.06	k 9	I0009	M
1	.18	1.0996	.92	.92	L 24	I0024	M	-.13	.4455	1.11	1.11	l 29	I0029	M
1	.17	-.4404	.86	.73	M 5	I0005	M	-.09	-1.4079	.89	.88	m 21	I0021	M
1	.16	-.5523	.94	.87	N 7	I0007	M	-.09	-.4570	.85	.78	n 8	I0008	M
1	.13	.3478	.95	.90	O 42	I0042	M	-.06	-1.2300	.99	.99	o 1	I0001	M
1	.11	-1.1236	.82	.67	P 36	I0036	M	-.06	-1.1487	.92	.89	p 3	I0003	M
1	.09	.2534	.88	.81	Q 45	I0045	M	-.03	-.5371	.92	.92	q 48	I0048	0
1	.08	.3803	.98	.97	R 26	I0026	M	-.02	.8503	.99	1.01	r 11	I0011	M
1	.06	-.4757	.92	.84	S 4	I0004	M	-.02	-.0363	1.05	1.13	s 44	I0044	M
1	.05	-.0544	1.00	1.03	T 28	I0028	M	-.01	.4717	1.00	.99	t 41	I0041	M
1	.04	.8413	.99	.98	U 32	I0032	M	.00	.7261	1.02	1.05	u 12	I0012	M
1	.04	.5447	.93	.89	V 25	I0025	M							
1	.03	.7671	.93	.91	W 34	I0034	M							
1	.02	.9693	.98	.98	X 47	I0047	0							
1	.01	-1.6992	1.10	1.23	x 22	I0022	M							
1	.01	-.0981	.89	.81	w 30	I0030	M							
1	.01	.0804	.87	.78	v 13	I0013	M							

LARGEST STANDARDIZED RESIDUAL CORRELATIONS
USED TO IDENTIFY DEPENDENT SCI

CORREL-ATION	ENTRY NUMBER	SCI	ENTRY NUMBER	SCI
.22	19	I0019	46	I0046
.12	40	I0040	46	I0046
-.11	16	I0016	33	I0033
-.10	23	I0023	43	I0043
-.10	23	I0023	38	I0038
-.10	16	I0016	19	I0019
-.10	40	I0040	43	I0043
-.09	16	I0016	24	I0024
-.09	19	I0019	43	I0043
-.09	16	I0016	46	I0046

SCIENCE GRADE 8

Table 18–2. Science Grade 8—Test Dimensionality

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =        77.4 100.0%         100.0%
  Raw variance explained by measures   =        21.4  27.6%          28.5%
    Raw variance explained by persons  =        15.0  19.4%          19.9%
    Raw Variance explained by items    =         6.4   8.3%           8.5%
  Raw unexplained variance (total)     =        56.0  72.4% 100.0%   71.5%
    Unexplned variance in 1st contrast =         1.9   2.4%   3.4%
    Unexplned variance in 2nd contrast =         1.4   1.9%   2.6%
    Unexplned variance in 3rd contrast =         1.3   1.7%   2.3%
    Unexplned variance in 4th contrast =         1.3   1.7%   2.3%
    Unexplned variance in 5th contrast =         1.2   1.6%   2.2%

       STANDARDIZED RESIDUAL VARIANCE SCREE PLOT

        VARIANCE COMPONENT SCREE PLOT
       +--+--+--+--+--+--+--+--+--+--+--+
   100%+  T                             +
       |                                |
  V 63%+              U                 +
  A    |                                |
  R 40%+                                +
  I    |                                |
  A 25%+     M                          +
  N    |                                |
  C 16%+        P                       +
  E    |                                |
    10%+                                +
  L    |           I                    |
  O  6%+                                +
  G    |                                |
  |  4%+                                +
  S    |                                |
  C  3%+                                +
  A    |                 1              |
  L  2%+                    2  3  4  5  +
  E    |                                |
  D  1%+                                +
       |                                |
   0.5%+                                +
       +--+--+--+--+--+--+--+--+--+--+--+
          TV MV PV IV UV U1 U2 U3 U4 U5
         VARIANCE COMPONENTS
```

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =         77.4 100.0%         100.0%
  Raw variance explained by measures   =         21.4  27.6%          28.5%
    Raw variance explained by persons  =         15.0  19.4%          19.9%
    Raw Variance explained by items    =          6.4   8.3%           8.5%
  Raw unexplained variance (total)     =         56.0  72.4% 100.0%   71.5%
    Unexplned variance in 1st contrast =          1.9   2.4%   3.4%

       STANDARDIZED RESIDUAL CONTRAST 1 PLOT

      -2              -1               0               1               2
      -+---------------+---------------+---------------+---------------+- COUNT
C  .5 +                                |                               +
O     |             A                  |                               | 1
N  .4 +           B                    |                               + 1
T     |                      C         |                               | 1
R  .3 +                       D        |                               + 1
A     |                          E     |                               | 1
S  .2 +  F                G    K      H | I   J                         + 6
T     |                           N    |L  M                           | 3
   .1 +            P        R      T  O  V|Q      W   S U               + 9
1     |                  X     1         Z|  1Y 1                        | 6
   .0 +----------------------x------------yz-w1--------v----------------+ 6
L     |                    u         t  |  s                            | 3
O -.1 +                              r   |      p        q               + 3
A     |                  m              on j k     l                    | 6
D -.2 +                                  |i          g   h  fe           + 5
I     |                                  |                               |
N -.3 +                                  |       c  d                    + 2
G     |                                  |              a            b | 2
  -.4 +                                  |                               +
      -+---------------+---------------+---------------+---------------+-
      -2              -1               0               1               2
                                  SCI MEASURE
 COUNT:  1        111    12 2212 1 1113  324234 212 1121112  11       1
```

CONTRAST 1 FROM PRINCIPAL COMPONENT ANALYSIS

Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)

		-- Empirical --		Modeled
Total raw variance in observations	=	77.4	100.0%	100.0%
Raw variance explained by measures	=	21.4	27.6%	28.5%
Raw variance explained by persons	=	15.0	19.4%	19.9%
Raw Variance explained by items	=	6.4	8.3%	8.5%
Raw unexplained variance (total)	=	56.0	72.4% 100.0%	71.5%
Unexplned variance in 1st contrast	=	1.9	2.4% 3.4%	

STANDARDIZED RESIDUAL LOADINGS FOR SCI (SORTED BY LOADING)

CON-TRAST	LOADING	MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R	LOADING	MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R
1	.45	-1.1996	1.06	.84	A 30	I0030	M	-.37	1.1170	1.17	1.25	a 41	I0041	M
1	.38	-1.3169	.75	.52	B 10	I0010	M	-.36	1.9308	1.17	1.49	b 29	I0029	M
1	.34	-.5990	.80	.69	C 40	I0040	M	-.30	.6865	1.14	1.22	c 56	I0056	0
1	.32	-.5592	.83	.69	D 32	I0032	M	-.29	.8853	1.07	1.10	d 3	I0003	M
1	.27	-.3521	.84	.75	E 39	I0039	M	-.22	1.4554	1.12	1.21	e 42	I0042	M
1	.22	-1.8583	.81	.59	F 20	I0020	M	-.22	1.3675	1.10	1.18	f 19	I0019	M
1	.21	-.8424	.85	.80	G 25	I0025	M	-.22	.9625	1.15	1.21	g 12	I0012	M
1	.20	-.0374	.92	.88	H 46	I0046	M	-.19	1.2105	1.13	1.20	h 28	I0028	M
1	.19	.2821	.89	.86	I 21	I0021	M	-.19	.2494	1.21	1.35	i 13	I0013	M
1	.19	.5667	.92	.93	J 55	I0055	0	-.17	.3248	1.09	1.11	j 11	I0011	M
1	.18	-.4865	.89	.79	K 38	I0038	M	-.15	.4223	1.14	1.18	k 31	I0031	M
1	.17	.2395	.92	.86	L 14	I0014	M	-.15	.7882	1.09	1.11	l 37	I0037	M
1	.15	.4407	.89	.86	M 27	I0027	M	-.14	-.8310	.96	1.05	m 4	I0004	M
1	.13	-.2172	.98	.96	N 43	I0043	M	-.13	.1773	1.28	1.44	n 33	I0033	M
1	.12	-.0640	1.00	1.01	O 6	I0006	M	-.13	.1276	.98	.94	o 15	I0015	M
1	.12	-1.2189	.91	.79	P 9	I0009	M	-.11	.6185	1.05	1.04	p 26	I0026	M
1	.12	.2729	.91	.86	Q 8	I0008	M	-.10	1.1647	1.06	1.10	q 45	I0045	M
1	.10	-.6667	.87	.85	R 36	I0036	M	-.08	-.1341	1.23	1.29	r 49	I0049	M
1	.10	.9399	.96	.95	S 51	I0051	M	-.05	.3585	.96	1.01	s 53	I0053	0
1	.10	-.2501	.94	.91	T 44	I0044	M	-.05	-.0413	.90	.83	t 22	I0022	M
1	.09	1.0437	.87	.87	U 54	I0054	0	-.03	-.6993	1.12	1.18	u 5	I0005	M
1	.09	.1378	.95	.93	V 17	I0017	M	-.02	1.0255	1.03	1.05	v 47	I0047	M
1	.09	.7187	.91	.88	W 52	I0052	M	-.02	.3738	1.02	1.01	w 23	I0023	M
1	.07	-.8710	.84	.72	X 7	I0007	M	-.01	-.6367	.80	.68	x 24	I0024	M
1	.06	.4306	.95	.93	Y 16	I0016	M							
1	.06	.1200	.94	.90	Z 18	I0018	M							
1	.05	.5781	.96	.94	1	I0001	M							
1	.04	.3748	.96	.92	2	I0002	M							
1	.03	-.5082	1.06	1.01	34	I0034	M							
1	.02	.4595	.98	.96	50	I0050	M							
1	.01	.2385	1.05	1.08	z 35	I0035	M							
1	.01	.1606	1.02	.98	y 48	I0048	M							

LARGEST STANDARDIZED RESIDUAL CORRELATIONS
USED TO IDENTIFY DEPENDENT SCI

CORREL-ATION	ENTRY NUMBER	SCI	ENTRY NUMBER	SCI
.22	8	I0008	38	I0038
.13	18	I0018	52	I0052
.10	40	I0040	51	I0051
.09	10	I0010	30	I0030
.09	19	I0019	24	I0024
-.11	29	I0029	30	I0030
-.10	29	I0029	39	I0039
-.10	30	I0030	41	I0041
-.09	30	I0030	56	I0056
-.09	29	I0029	40	I0040

SCIENCE GRADE 10

Table 18–3. Science Grade 10—Test Dimensionality

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =        83.8 100.0%         100.0%
  Raw variance explained by measures   =        27.8  33.2%          34.0%
    Raw variance explained by persons  =        15.0  17.9%          18.4%
    Raw Variance explained by items    =        12.8  15.3%          15.6%
  Raw unexplained variance (total)     =        56.0  66.8% 100.0%   66.0%
    Unexplned variance in 1st contrast =         1.7   2.0%   3.0%
    Unexplned variance in 2nd contrast =         1.6   2.0%   2.9%
    Unexplned variance in 3rd contrast =         1.3   1.6%   2.4%

       STANDARDIZED RESIDUAL VARIANCE SCREE PLOT

        VARIANCE COMPONENT SCREE PLOT
       +--+--+--+--+--+--+--+--+--+
   100%+  T                       +
       |                          |
  V 63%+              U           +
  A    |                          |
  R 40%+                          +
  I    |     M                    |
  A 25%+                          +
  N    |                          |
  C 16%+        P                 +
  E    |           I              |
    10%+                          +
  L    |                          |
  O  6%+                          +
  G    |                          |
  |  4%+                          +
  S    |                          |
  C  3%+                          +
  A    |                          |
  L  2%+                 1  2     +
  E    |                       3  |
  D  1%+                          +
       |                          |
   0.5%+                          +
       +--+--+--+--+--+--+--+--+--+
          TV MV PV IV UV U1 U2 U3
         VARIANCE COMPONENTS
```

```
     Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)
                                                -- Empirical --    Modeled
Total raw variance in observations     =         83.8 100.0%         100.0%
  Raw variance explained by measures   =         27.8  33.2%          34.0%
    Raw variance explained by persons  =         15.0  17.9%          18.4%
    Raw Variance explained by items    =         12.8  15.3%          15.6%
  Raw unexplained variance (total)     =         56.0  66.8% 100.0%   66.0%
    Unexplned variance in 1st contrast =          1.7   2.0%   3.0%

       STANDARDIZED RESIDUAL CONTRAST 1 PLOT

      -2           -1            0            1            2            3
      -+------------+------------+------------+------------+------------+- COUNT
   .6 +                         A     |                                  + 1
C     |                               |                                  |
O  .5 +                               |                                  +
N     |                               |      B                           | 1
T  .4 +                               |                                  +
R     |                               |                                  |
A  .3 +                               |              C                   + 1
S     |                               |             D                    | 1
T  .2 +                         F     |E                                 + 2
      |            H                  |       G                          | 2
1  .1 +      I   J    O         L K   | NP  M                            + 8
      |                        QR     S                                  | 3
L  .0 +-----------------------W-----T-|-----------V--------------U-------+ 4
O     |               1X  y  Zx 1   11|      z               Y           | 10
A -.1 +                          t  s | w      v         u              + 5
D     |                         km n  |   qlp jo r                      | 9
I -.2 +       h          i            |   g  e         f                + 5
N     |                               |  c   d                          | 2
G -.3 +                               |          a    b                 + 2
      |                               |                                  |
      -+------------+------------+------------+------------+------------+-
      -2           -1            0            1            2            3
                                 SCI MEASURE
 COUNT:      11  1 1  21 11  1226111311131122422 21 1111 1   1   1
```

CONTRAST 1 FROM PRINCIPAL COMPONENT ANALYSIS

Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)

		-- Empirical --		Modeled
Total raw variance in observations	=	83.8	100.0%	100.0%
Raw variance explained by measures	=	27.8	33.2%	34.0%
Raw variance explained by persons	=	15.0	17.9%	18.4%
Raw Variance explained by items	=	12.8	15.3%	15.6%
Raw unexplained variance (total)	=	56.0	66.8% 100.0%	66.0%
Unexplned variance in 1st contrast	=	1.7	2.0% 3.0%	

STANDARDIZED RESIDUAL LOADINGS FOR SCI (SORTED BY LOADING)

CON-TRAST	LOADING	INFIT MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R	LOADING	INFIT MEASURE	INFIT MNSQ	OUTFIT MNSQ	ENTRY NUMBER	SCI	G R
1	.58	-.1019	1.07	1.07	A 55	I0055	0	-.30	1.2108	1.09	1.14	a 32	I0032	M
1	.43	.9324	.84	.84	B 56	I0056	0	-.29	1.6270	1.07	1.23	b 41	I0041	M
1	.29	1.5243	1.17	1.15	C 53	I0053	0	-.25	.5966	1.01	.99	c 11	I0011	M
1	.27	1.4566	1.03	1.06	D 54	I0054	0	-.23	.9376	.96	.95	d 28	I0028	M
1	.21	.4786	.96	.92	E 47	I0047	M	-.22	.9545	.96	.95	e 20	I0020	M
1	.20	-.1876	.91	.88	F 39	I0039	M	-.20	1.7095	1.07	1.14	f 14	I0014	M
1	.14	1.0340	1.02	1.03	G 23	I0023	M	-.19	.6795	1.05	1.06	g 43	I0043	M
1	.14	-1.0475	1.00	.93	H 15	I0015	M	-.18	-1.4407	1.05	.98	h 12	I0012	M
1	.12	-1.5363	.99	.99	I 1	I0001	M	-.18	-.5784	.96	.93	i 18	I0018	M
1	.12	-1.2426	1.09	1.13	J 34	I0034	M	-.17	.9626	.98	.99	j 13	I0013	M
1	.11	.0821	.90	.83	K 49	I0049	M	-.17	-.0504	1.04	1.02	k 4	I0004	M
1	.10	-.0654	.96	.94	L 29	I0029	M	-.17	.7361	1.02	1.03	l 5	I0005	M
1	.10	.8109	.97	.95	M 45	I0045	M	-.16	-.1122	1.14	1.20	m 38	I0038	M
1	.09	.5429	.90	.88	N 9	I0009	M	-.15	.1898	.95	.92	n 30	I0030	M
1	.08	-.8325	1.00	.98	O 8	I0008	M	-.14	1.1144	1.11	1.15	o 21	I0021	M
1	.08	.5063	1.03	1.04	P 52	I0052	M	-.14	.8364	.95	.95	p 33	I0033	M
1	.05	-.1648	1.16	1.26	Q 2	I0002	M	-.13	.7761	.99	.98	q 44	I0044	M
1	.04	-.1062	.92	.84	R 27	I0027	M	-.13	1.2554	.95	.95	r 25	I0025	M
1	.03	.3677	1.04	1.05	S 50	I0050	M	-.12	.2425	1.06	1.08	s 24	I0024	M
1	.01	.1958	.99	.95	T 10	I0010	M	-.11	.0065	.90	.86	t 51	I0051	M
1	.01	2.4971	1.11	1.27	U 42	I0042	M	-.10	1.8195	1.21	1.37	u 46	I0046	M
1	.00	1.3285	1.16	1.22	V 36	I0036	M	-.09	1.0973	1.02	1.04	v 19	I0019	M
								-.09	.5175	.88	.85	w 7	I0007	M
								-.07	-.1982	1.07	1.08	x 17	I0017	M
								-.06	-.5294	.82	.77	y 26	I0026	M
								-.06	.8992	.99	.99	z 31	I0031	M
								-.06	-.8737	.83	.65	48	I0048	M
								-.05	.3425	1.03	1.04	37	I0037	M
								-.05	-.1048	1.22	1.43	40	I0040	M
								-.05	.1985	.96	.92	16	I0016	M
								-.04	-.3277	1.04	1.04	Z 6	I0006	M
								-.03	2.1529	1.13	1.39	Y 22	I0022	M
								-.03	-.7431	.84	.71	X 35	I0035	M
								-.01	-.2115	.89	.82	W 3	I0003	M

LARGEST STANDARDIZED RESIDUAL CORRELATIONS
USED TO IDENTIFY DEPENDENT SCI

CORREL-ATION	ENTRY NUMBER	SCI	ENTRY NUMBER	SCI
.20	12	I0012	18	I0018
.14	11	I0011	20	I0020
.14	55	I0055	56	I0056
.11	47	I0047	53	I0053
.09	18	I0018	35	I0035
-.10	5	I0005	55	I0055
-.09	32	I0032	55	I0055
-.09	41	I0041	55	I0055
-.09	43	I0043	55	I0055
-.09	20	I0020	55	I0055