

TABLE E64

Elementary RYDM Environmental Assets—Males and Females—Goodness of Fit Information for EFA Models

Model	Males				Females			
	Main sample		Validation sample		Main sample		Validation sample	
	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR
1 Factor	0.095	0.091	0.089	0.090	0.089	0.089	0.091	0.091
2 Factor	0.085	0.069	0.069	0.062	0.072	0.061	0.081	0.065
3 Factor	0.072	0.054	0.049	0.037	0.063	0.050	0.072	0.049
4 Factor	0.043	0.033	0.038	0.028	0.052	0.039	0.052	0.035
5 Factor	0.023	0.019	*	*	*	*	0.044	0.026
6 Factor	0.000	0.012	0.006	0.014	0.026	0.021	*	*
7 Factor	0.000	0.007	0.000	0.008	0.028	0.017	*	*

Note: Analytic samples consist of 1,000 respondents per gender sampled from surveys administered between spring 2003 and spring 2005.

Weighted data.

RMSEA = Root Mean Square Error of Approximation (recommended value ≤ 0.06)

RMSR = Root Mean Square Error (recommended value ≤ 0.05)

*Solution could not be obtained due to over-factoring (Heywood case).

TABLE E65

Elementary RYDM Environmental Asset EFA Results, Main Sample, 2 Factor Solution

Item	Original construct	Item description	1	2
10	SchlCare	Do the teachers . . . at school care about you?	0.78	-0.04
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.65	0.02
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.66	-0.06
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.68	0.04
52	HomeCare	Parent . . . care about your school work?	-0.07	0.83
55	HomeCare	Parent . . . listen when you have something to say?	0.12	0.57
53	HomeHigh	Parent . . . believe that you can do a good job?	0.04	0.82
54	HomeHigh	Parent . . . at home want you to do your best?	-0.01	0.79
9	SchlPart	. . . make class rules/choose things to do school?	0.32	0.00
15	SchlPart	Do you do things to be helpful at school?	0.36	0.17
56	HomePart	Do you help out at home?	0.05	0.36
56	HomePart	. . . make rules or choose things to do at home?	0.07	0.15
50	PeerHigh	Do your best friends get into trouble?	0.02	0.37
51	PeerHigh	Do your best friends try to do the right thing?	0.10	0.48

TABLE E66

Elementary RYDM Environmental Asset EFA Results, Validation Sample, 2 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.81	-0.08			
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.70	-0.07			
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.59	-0.03			
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.71	0.03			
52	HomeCare	Parent . . . care about your school work?	-0.05	0.74			
55	HomeCare	Parent . . . listen when you have something to say?	0.12	0.58			
53	HomeHigh	Parent . . . believe that you can do a good job?	0.01	0.85			
54	HomeHigh	Parent . . . at home want you to do your best?	0.00	0.87			
9	SchlPart	. . . make class rules/choose things to do school?	0.18	0.14			
15	SchlPart	Do you do things to be helpful at school?	0.29	0.28			
56	HomePart	Do you help out at home?	0.05	0.38			
56	HomePart	. . . make rules or choose things to do at home?	-0.10	0.34			
50	PeerHigh	Do your best friends get into trouble?	0.19	0.18			
51	PeerHigh	Do your best friends try to do the right thing?	0.25	0.32			

TABLE E67

Elementary RYDM Environmental Asset EFA Results, Main Sample, 3 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.78	-0.01	-0.04		
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.65	0.02	0.01		
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.67	-0.02	-0.07		
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.68	0.05	-0.02		
52	HomeCare	Parent . . . care about your school work?	-0.06	0.85	0.00		
55	HomeCare	Parent . . . listen when you have something to say?	0.13	0.57	0.02		
53	HomeHigh	Parent . . . believe that you can do a good job?	0.06	0.81	0.00		
54	HomeHigh	Parent . . . at home want you to do your best?	0.03	0.80	-0.05		
9	SchlPart	. . . make class rules/choose things to do school?	0.32	-0.02	0.03		
15	SchlPart	Do you do things to be helpful at school?	0.35	0.05	0.17		
56	HomePart	Do you help out at home?	0.05	0.31	0.09		
56	HomePart	. . . make rules or choose things to do at home?	0.06	0.13	0.06		
50	PeerHigh	Do your best friends get into trouble?	0.03	0.01	0.43		
51	PeerHigh	Do your best friends try to do the right thing?	-0.05	-0.03	1.01		

TABLE E68

Elementary RYDM Environmental Asset EFA Results, Validation Sample, 3 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.73	0.02	0.05		
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.63	0.02	0.05		
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.49	-0.04	0.17		
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.69	0.13	-0.01		
52	HomeCare	Parent . . . care about your school work?	0.02	0.72	0.02		
55	HomeCare	Parent . . . listen when you have something to say?	0.06	0.48	0.22		
53	HomeHigh	Parent . . . believe that you can do a good job?	0.12	0.89	-0.08		
54	HomeHigh	Parent . . . at home want you to do your best?	0.08	0.80	0.04		
9	SchlPart	. . . make class rules/choose things to do school?	0.03	-0.10	0.42		
15	SchlPart	Do you do things to be helpful at school?	0.07	-0.04	0.62		
56	HomePart	Do you help out at home?	-0.09	0.17	0.38		
56	HomePart	. . . make rules or choose things to do at home?	-0.16	0.19	0.23		
50	PeerHigh	Do your best friends get into trouble?	0.01	-0.10	0.48		
51	PeerHigh	Do your best friends try to do the right thing?	0.03	-0.01	0.61		

TABLE E69

Elementary RYDM Environmental Asset EFA Results, Main Sample, 4 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.74	0.05	0.01	-0.01	
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.62	0.07	0.00	0.05	
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.56	-0.02	0.17	-0.07	
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.67	0.10	-0.02	0.03	
52	HomeCare	Parent . . . care about your school work?	0.00	0.81	0.01	0.01	
55	HomeCare	Parent . . . listen when you have something to say?	0.06	0.51	0.20	0.01	
53	HomeHigh	Parent . . . believe that you can do a good job?	0.11	0.79	0.00	0.02	
54	HomeHigh	Parent . . . at home want you to do your best?	0.10	0.77	-0.03	0.00	
9	SchlPart	. . . make class rules/choose things to do school?	0.14	-0.16	0.48	-0.05	
15	SchlPart	Do you do things to be helpful at school?	0.16	-0.11	0.50	0.15	
56	HomePart	Do you help out at home?	-0.17	0.21	0.48	0.03	
56	HomePart	. . . make rules or choose things to do at home?	-0.10	0.05	0.37	-0.03	
50	PeerHigh	Do your best friends get into trouble?	0.03	-0.01	-0.07	0.63	
51	PeerHigh	Do your best friends try to do the right thing?	-0.02	0.04	0.18	0.68	

TABLE E70

Elementary RYDM Environmental Asset EFA Results, Validation Sample, 4 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.73	0.03	0.03	-0.01	
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.65	0.02	0.03	-0.01	
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.51	-0.05	0.18	-0.02	
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.71	0.14	-0.07	0.02	
52	HomeCare	Parent . . . care about your school work?	0.01	0.73	0.00	0.01	
55	HomeCare	Parent . . . listen when you have something to say?	0.07	0.48	0.22	0.01	
53	HomeHigh	Parent . . . believe that you can do a good job?	0.10	0.90	-0.09	-0.01	
54	HomeHigh	Parent . . . at home want you to do your best?	0.07	0.81	0.01	0.04	
9	SchlPart	. . . make class rules/choose things to do school?	0.05	-0.20	0.62	-0.06	
15	SchlPart	Do you do things to be helpful at school?	0.10	-0.05	0.50	0.18	
56	HomePart	Do you help out at home?	-0.07	0.16	0.36	0.08	
56	HomePart	. . . make rules or choose things to do at home?	-0.16	0.16	0.38	-0.09	
50	PeerHigh	Do your best friends get into trouble?	0.02	-0.03	0.00	0.51	
51	PeerHigh	Do your best friends try to do the right thing?	-0.02	0.03	0.05	0.77	

TABLE E71

Elementary RYDM Environmental Asset EFA Results, Main Sample, 5 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.76	0.00	0.01	0.03	-0.01
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.67	-0.03	0.07	-0.04	0.06
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.55	0.01	0.00	0.19	-0.08
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.67	0.09	-0.07	0.05	0.02
52	HomeCare	Parent . . . care about your school work?	0.04	0.68	0.20	-0.08	0.03
55	HomeCare	Parent . . . listen when you have something to say?	0.14	0.30	0.48	-0.09	0.03
53	HomeHigh	Parent . . . believe that you can do a good job?	0.14	0.67	0.17	-0.06	0.04
54	HomeHigh	Parent . . . at home want you to do your best?	-0.01	1.03	-0.27	0.18	-0.05
9	SchlPart	. . . make class rules/choose things to do school?	0.10	-0.08	0.11	0.42	-0.06
15	SchlPart	Do you do things to be helpful at school?	0.07	0.04	-0.02	0.59	0.14
56	HomePart	Do you help out at home?	-0.16	0.20	0.25	0.31	0.03
56	HomePart	. . . make rules or choose things to do at home?	-0.05	-0.17	0.52	0.11	-0.01
50	PeerHigh	Do your best friends get into trouble?	0.04	0.00	-0.10	-0.01	0.60
51	PeerHigh	Do your best friends try to do the right thing?	-0.01	-0.02	0.08	0.12	0.74

TABLE E72

Elementary RYDM Environmental Asset EFA Results, Validation Sample, 5 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.76	0.01	0.01	-0.03	0.01
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.68	-0.06	-0.03	0.11	-0.06
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.54	-0.07	0.03	0.11	0.00
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.73	0.19	0.00	-0.17	0.04
52	HomeCare	Parent . . . care about your school work?	0.01	0.67	-0.03	0.09	0.00
55	HomeCare	Parent . . . listen when you have something to say?	0.10	0.38	-0.02	0.33	-0.01
53	HomeHigh	Parent . . . believe that you can do a good job?	0.07	0.96	0.01	-0.12	0.01
54	HomeHigh	Parent . . . at home want you to do your best?	0.07	0.76	-0.01	0.08	0.03
9	SchlPart	. . . make class rules/choose things to do school?	0.01	0.00	1.47	-0.02	-0.01
15	SchlPart	Do you do things to be helpful at school?	0.14	-0.06	0.09	0.35	0.23
56	HomePart	Do you help out at home?	-0.07	-0.09	-0.06	0.72	0.00
56	HomePart	. . . make rules or choose things to do at home?	-0.12	0.17	0.11	0.23	-0.03
50	PeerHigh	Do your best friends get into trouble?	0.00	0.01	0.00	-0.08	0.57
51	PeerHigh	Do your best friends try to do the right thing?	-0.01	0.02	-0.02	0.08	0.72

TABLE E73

Elementary RYDM Environmental Asset EFA Results, Males, 2 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.80	-0.07			
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.68	-0.02			
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.59	-0.01			
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.70	0.01			
52	HomeCare	Parent . . . care about your school work?	-0.02	0.79			
55	HomeCare	Parent . . . listen when you have something to say?	0.15	0.53			
53	HomeHigh	Parent . . . believe that you can do a good job?	0.03	0.84			
54	HomeHigh	Parent . . . at home want you to do your best?	-0.04	0.78			
9	SchlPart	. . . make class rules/choose things to do school?	0.16	0.16			
15	SchlPart	Do you do things to be helpful at school?	0.24	0.21			
56	HomePart	Do you help out at home?	-0.05	0.44			
56	HomePart	. . . make rules or choose things to do at home?	-0.03	0.17			
50	PeerHigh	Do your best friends get into trouble?	0.08	0.28			
51	PeerHigh	Do your best friends try to do the right thing?	0.14	0.43			

TABLE E74

Elementary RYDM Environmental Asset EFA Results, Males, 3 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.79	-0.02	-0.05		
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.66	-0.04	0.06		
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.58	0.04	-0.05		
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.69	0.03	-0.02		
52	HomeCare	Parent . . . care about your school work?	0.00	0.75	0.06		
55	HomeCare	Parent . . . listen when you have something to say?	0.15	0.49	0.10		
53	HomeHigh	Parent . . . believe that you can do a good job?	0.06	0.84	-0.01		
54	HomeHigh	Parent . . . at home want you to do your best?	0.02	0.86	-0.14		
9	SchlPart	. . . make class rules/choose things to do school?	0.15	0.16	0.02		
15	SchlPart	Do you do things to be helpful at school?	0.22	0.12	0.17		
56	HomePart	Do you help out at home?	-0.07	0.38	0.13		
56	HomePart	. . . make rules or choose things to do at home?	-0.06	0.09	0.16		
50	PeerHigh	Do your best friends get into trouble?	0.04	-0.07	0.48		
51	PeerHigh	Do your best friends try to do the right thing?	-0.02	-0.06	0.94		

TABLE E75

Elementary RYDM Environmental Asset EFA Results, Males, 3 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.75	0.03	0.00	-0.02	
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.64	0.02	-0.03	0.08	
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.54	-0.03	0.19	-0.08	
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.68	0.09	-0.05	0.02	
52	HomeCare	Parent . . . care about your school work?	0.02	0.74	0.01	0.09	
55	HomeCare	Parent . . . listen when you have something to say?	0.11	0.39	0.26	0.06	
53	HomeHigh	Parent . . . believe that you can do a good job?	0.07	0.79	0.08	0.02	
54	HomeHigh	Parent . . . at home want you to do your best?	0.06	0.87	-0.05	-0.10	
9	SchlPart	. . . make class rules/choose things to do school?	0.09	-0.08	0.50	-0.09	
15	SchlPart	Do you do things to be helpful at school?	0.16	-0.11	0.48	0.10	
56	HomePart	Do you help out at home?	-0.18	0.20	0.50	0.03	
56	HomePart	. . . make rules or choose things to do at home?	-0.12	-0.06	0.33	0.09	
50	PeerHigh	Do your best friends get into trouble?	0.06	0.00	-0.07	0.50	
51	PeerHigh	Do your best friends try to do the right thing?	-0.01	-0.01	0.11	0.85	

TABLE E76

Elementary RYDM Environmental Asset EFA Results, Males, 5 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.77	0.02	-0.02	0.03	-0.04
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.65	0.00	-0.03	-0.01	0.08
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.53	-0.02	0.21	-0.01	-0.08
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.66	0.08	0.01	-0.06	0.03
52	HomeCare	Parent . . . care about your school work?	0.06	0.75	-0.09	0.07	0.08
55	HomeCare	Parent . . . listen when you have something to say?	0.17	0.42	0.08	0.21	0.03
53	HomeHigh	Parent . . . believe that you can do a good job?	0.11	0.80	-0.01	0.06	0.01
54	HomeHigh	Parent . . . at home want you to do your best?	-0.02	0.91	0.08	-0.26	-0.06
9	SchlPart	. . . make class rules/choose things to do school?	0.05	-0.05	0.49	0.04	-0.08
15	SchlPart	Do you do things to be helpful at school?	0.08	-0.11	0.59	-0.05	0.13
56	HomePart	Do you help out at home?	-0.20	0.24	0.45	0.06	0.04
56	HomePart	. . . make rules or choose things to do at home?	-0.02	-0.10	0.01	0.80	0.01
50	PeerHigh	Do your best friends get into trouble?	0.02	-0.02	-0.02	-0.08	0.58
51	PeerHigh	Do your best friends try to do the right thing?	0.00	0.02	0.10	0.04	0.76

TABLE E77

Elementary RYDM Environmental Asset EFA Results, Females, 2 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.75	0.02			
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.63	0.07			
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.69	-0.07			
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.66	0.07			
52	HomeCare	Parent . . . care about your school work?	-0.10	0.86			
55	HomeCare	Parent . . . listen when you have something to say?	0.08	0.63			
53	HomeHigh	Parent . . . believe that you can do a good job?	0.07	0.78			
54	HomeHigh	Parent . . . at home want you to do your best?	0.09	0.75			
9	SchlPart	. . . make class rules/choose things to do school?	0.45	-0.12			
15	SchlPart	Do you do things to be helpful at school?	0.44	0.13			
56	HomePart	Do you help out at home?	0.11	0.33			
56	HomePart	. . . make rules or choose things to do at home?	0.17	0.13			
50	PeerHigh	Do your best friends get into trouble?	-0.02	0.39			
51	PeerHigh	Do your best friends try to do the right thing?	0.09	0.46			

TABLE E78

Elementary RYDM Environmental Asset EFA Results, Females, 3 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.74	0.02	0.00		
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.67	0.01	0.01		
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.69	-0.08	-0.02		
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.69	0.04	0.01		
52	HomeCare	Parent . . . care about your school work?	-0.13	0.93	-0.07		
55	HomeCare	Parent . . . listen when you have something to say?	0.07	0.65	0.01		
53	HomeHigh	Parent . . . believe that you can do a good job?	0.08	0.77	0.01		
54	HomeHigh	Parent . . . at home want you to do your best?	0.10	0.73	0.02		
9	SchlPart	. . . make class rules/choose things to do school?	0.44	-0.09	-0.07		
15	SchlPart	Do you do things to be helpful at school?	0.45	0.11	0.00		
56	HomePart	Do you help out at home?	0.09	0.37	-0.04		
56	HomePart	. . . make rules or choose things to do at home?	0.15	0.20	-0.11		
50	PeerHigh	Do your best friends get into trouble?	-0.01	-0.03	1.16		
51	PeerHigh	Do your best friends try to do the right thing?	0.16	0.26	0.27		

TABLE E79

Elementary RYDM Environmental Asset EFA Results, Females, 4 Factor Solution

Item	Original construct	Item description	1	2	3	4	5
10	SchlCare	Do the teachers . . . at school care about you?	0.71	0.07	0.06	-0.01	
13	SchlCare	Teachers . . . listen when . . . have something to say?	0.63	0.08	0.02	0.01	
11	SchlHigh	Teachers . . . tell you when you do a good job?	0.61	-0.02	0.14	-0.08	
14	SchlHigh	Teachers . . . believe that you can do a good job?	0.67	0.08	0.02	0.01	
52	HomeCare	Parent . . . care about your school work?	-0.02	0.87	-0.01	-0.04	
55	HomeCare	Parent . . . listen when you have something to say?	0.06	0.63	0.11	-0.02	
53	HomeHigh	Parent . . . believe that you can do a good job?	0.18	0.73	-0.07	0.07	
54	HomeHigh	Parent . . . at home want you to do your best?	0.14	0.65	0.02	0.10	
9	SchlPart	. . . make class rules/choose things to do school?	0.17	-0.24	0.50	0.03	
15	SchlPart	Do you do things to be helpful at school?	0.17	-0.05	0.48	0.15	
56	HomePart	Do you help out at home?	-0.15	0.26	0.42	0.04	
56	HomePart	. . . make rules or choose things to do at home?	-0.06	0.13	0.38	-0.07	
50	PeerHigh	Do your best friends get into trouble?	0.05	0.03	-0.10	0.57	
51	PeerHigh	Do your best friends try to do the right thing?	-0.06	0.01	0.20	0.73	

TABLE E80

Secondary RYDM Internal Assets, Grades 7, 9, and 11, Goodness of Fit Information for EFA Models

Model	Grade 7				Grade 9				Grade 11			
	Main sample		Validation sample		Main sample		Validation sample		Main sample		Validation sample	
	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR
1 Factor	0.113	0.078	0.116	0.076	0.134	0.094	0.136	0.095	0.145	0.106	0.143	0.104
2 Factor	0.079	0.048	0.086	0.051	0.102	0.067	0.106	0.070	0.107	0.071	0.104	0.070
3 Factor	0.059	0.029	0.066	0.031	0.073	0.036	0.076	0.037	0.089	0.048	0.087	0.049
4 Factor	0.041	0.019	0.043	0.020	0.054	0.024	0.058	0.025	0.071	0.034	0.070	0.036
5 Factor	0.027	0.012	0.028	0.012	0.029	0.013	0.033	0.013	0.032	0.014	0.036	0.015
6 Factor	0.022	0.009	0.020	0.009	0.024	0.010	0.015	0.007	0.018	0.008	0.026	0.011
7 Factor	0.016	0.006	0.010	0.005	0.022	0.008	0.018	0.007	0.010	0.006	0.021	0.009

Note: Analytic samples consist of 4,000 respondents per grade sampled from surveys administered between spring 2003 and spring 2005.

Weighted data.

RMSEA = Root mean square error of approximation (recommended value ≤ 0.06)

RMSR = Root mean square residual (recommended value ≤ 0.05)

TABLE E81

Environmental Assets, Males and Females, Goodness of Fit Information for EFA Models

Model	Males				Females			
	Main sample		Validation sample		Main sample		Validation sample	
	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR
1 Factor	0.130	0.088	0.129	0.083	0.120	0.091	0.125	0.097
2 Factor	0.092	0.052	0.093	0.051	0.093	0.071	0.096	0.075
3 Factor	0.071	0.034	0.071	0.033	0.069	0.040	0.071	0.042
4 Factor	0.050	0.022	0.053	0.023	0.049	0.025	0.050	0.025
5 Factor	0.027	0.011	0.034	0.013	0.032	0.014	0.027	0.012
6 Factor	0.019	0.007	0.022	0.008	0.023	0.010	0.013	0.007
7 Factor	0.015	0.005	0.019	0.007	0.016	0.007	0.013	0.006

Note: Analytic samples consist of 6,000 respondents per gender sampled from surveys administered between spring 2003 and spring 2005.

Weighted data.

RMSEA = Root mean square error of approximation (recommended value ≤ 0.06)

RMSR = Root mean square residual (recommended value ≤ 0.05)

TABLE E82
Environmental Assets, African American, Chinese American, Mexican American, and White, Goodness of Fit Information for EFA Models

Model	African American			Chinese American			Mexican American			White						
	Main sample		Validation sample	Main sample		Validation sample	Main sample		Validation sample	Main sample		Validation sample				
	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR	RMSEA	RMSR				
1 Factor	0.140	0.077	0.148	0.087	0.188	0.115	0.189	0.119	0.159	0.084	0.164	0.091	0.173	0.103	0.170	0.092
2 Factor	0.101	0.049	0.106	0.053	0.142	0.089	0.140	0.089	0.118	0.056	0.129	0.068	0.120	0.066	0.121	0.061
3 Factor	0.079	0.033	0.080	0.033	0.103	0.046	0.107	0.048	0.090	0.034	0.099	0.040	0.094	0.040	0.093	0.036
4 Factor	0.052	0.019	0.055	0.020	0.072	0.030	0.081	0.034	0.064	0.022	0.068	0.025	0.072	0.029	0.071	0.026
5 Factor	0.034	0.012	0.029	0.011	0.044	0.015	0.043	0.015	0.031	0.010	0.034	0.012	0.039	0.015	0.041	0.013
6 Factor	0.030	0.010	0.011	0.006	0.032	0.010	0.029	0.010	0.025	0.008	0.022	0.008	0.029	0.010	0.027	0.009
7 Factor	0.021	0.007	0.009	0.005	0.016	0.005	0.021	0.007	0.018	0.006	0.018	0.007	0.018	0.006	0.023	0.007

Note: Analytic samples consist of 3,000 respondents per racial/ethnic group sampled from surveys administered between spring 2003 and spring 2005. Weighted data.

RMSEA = Root mean square error of approximation (recommended value ≤ 0.06)

RMSR = Root mean square residual (recommended value ≤ 0.05)

TABLE E83A

Secondary RYDM Internal Asset EFA Results, Main Sample, 2 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.45	0.35			
R36	Coop	I enjoy working together with other students my age.			Items dropped because of cross-loadings		
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.62	0.19			
R30	SelfEff	I can do most things if I try.	0.71	0.14			
R32	SelfEff	There are many things that I do well.	0.66	0.15			
R33	Empathy	I feel bad when someone gets their feelings hurt.	-0.03	0.83			
R34	Empathy	I try to understand what other people go through.	-0.11	1.00			
R38	Empathy	I try to understand what other people feel and think.	0.05	0.83			
R35	ProbSolv	When I need help I find someone to talk with.	0.27	0.57			
R27	ProbSolv	I know where to go for help with a problem.	0.55	0.28			
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.24	0.56			
R39	SelfAware	There is a purpose to my life.	0.73	0.08			
R40	SelfAware	I understand my moods and feelings.	0.90	-0.12			
R41	SelfAware	I understand why I do what I do.	0.90	-0.15			
R24	Goals	I have goals and plans for the future.	0.69	0.08			
R25	Goals	I plan to graduate from high school.	0.84	0.03			
R26	Goals	I plan to go to college or some other school after high school.	0.73	0.07			

TABLE E83B

Secondary RYDM Internal Asset EFA Results, Validation Sample, 2 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.47	0.31			
R36	Coop	I enjoy working together with other students my age.			Items dropped because of cross-loadings		
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.63	0.18			
R30	SelfEff	I can do most things if I try.	0.72	0.14			
R32	SelfEff	There are many things that I do well.	0.71	0.09			
R33	Empathy	I feel bad when someone gets their feelings hurt.	-0.04	0.84			
R34	Empathy	I try to understand what other people go through.	-0.11	0.99			
R38	Empathy	I try to understand what other people feel and think.	0.05	0.84			
R35	ProbSolv	When I need help I find someone to talk with.	0.30	0.51			
R27	ProbSolv	I know where to go for help with a problem.	0.55	0.26			
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.24	0.55			
R39	SelfAware	There is a purpose to my life.	0.76	0.06			
R40	SelfAware	I understand my moods and feelings.	0.93	-0.15			
R41	SelfAware	I understand why I do what I do.	0.94	-0.18			
R24	Goals	I have goals and plans for the future.	0.65	0.13			
R25	Goals	I plan to graduate from high school.	0.73	0.15			
R26	Goals	I plan to go to college or some other school after high school.	0.65	0.16			

TABLE E84A

Secondary RYDM Internal Asset EFA Results, Main Sample, 3 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.27	0.27	0.29		
R36	Coop	I enjoy working together with other students my age.				Items dropped because of cross-loadings	
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.50	0.23	0.13		
R30	SelfEff	I can do most things if I try.	0.45	0.43	0.03		
R32	SelfEff	There are many things that I do well.	0.39	0.42	0.05		
R33	Empathy	I feel bad when someone gets their feelings hurt.	-0.12	0.11	0.83		
R34	Empathy	I try to understand what other people go through.	-0.14	0.03	1.01		
R38	Empathy	I try to understand what other people feel and think.	0.05	-0.01	0.84		
R35	ProbSolv	When I need help I find someone to talk with.	0.36	-0.10	0.59		
R27	ProbSolv	I know where to go for help with a problem.	0.43	0.20	0.24		
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.28	-0.01	0.55		
R39	SelfAware	There is a purpose to my life.	0.56	0.28	0.03		
R40	SelfAware	I understand my moods and feelings.	0.99	-0.12	-0.07		
R41	SelfAware	I understand why I do what I do.	0.97	-0.11	-0.09		
R24	Goals	I have goals and plans for the future.	0.17	0.67	0.00		
R25	Goals	I plan to graduate from high school.	-0.08	1.00	-0.01		
R26	Goals	I plan to go to college or some other school after high school.	-0.13	0.92	0.06		

TABLE E84B

Secondary RYDM Internal Asset EFA Results, Main Sample, 3 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.32	0.26	0.25		
R36	Coop	I enjoy working together with other students my age.				Items dropped because of cross-loadings	
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.53	0.20	0.14		
R30	SelfEff	I can do most things if I try.	0.47	0.42	0.04		
R32	SelfEff	There are many things that I do well.	0.47	0.41	0.00		
R33	Empathy	I feel bad when someone gets their feelings hurt.	-0.10	0.11	0.81		
R34	Empathy	I try to understand what other people go through.	-0.15	0.07	0.96		
R38	Empathy	I try to understand what other people feel and think.	0.02	0.06	0.82		
R35	ProbSolv	When I need help I find someone to talk with.	0.42	-0.17	0.55		
R27	ProbSolv	I know where to go for help with a problem.	0.49	0.13	0.23		
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.32	-0.07	0.55		
R39	SelfAware	There is a purpose to my life.	0.60	0.26	0.02		
R40	SelfAware	I understand my moods and feelings.	0.97	-0.10	-0.07		
R41	SelfAware	I understand why I do what I do.	0.97	-0.08	-0.10		
R24	Goals	I have goals and plans for the future.	0.19	0.64	0.02		
R25	Goals	I plan to graduate from high school.	-0.08	0.97	0.04		
R26	Goals	I plan to go to college or some other school after high school.	-0.08	0.87	0.08		

TABLE E85A

Secondary RYDM Internal Asset EFA Results, Main Sample, 4 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.39	0.16	0.08	0.23	
R36	Coop	I enjoy working together with other students my age.		Items dropped because of cross-loadings			
R37	Coop	I stand up for myself without putting others down.		Items dropped because of cross-loadings			
R29	SelfEff	I can work out my problems.	0.66	-0.09	0.15	0.11	
R30	SelfEff	I can do most things if I try.	0.50	-0.11	0.16	0.35	
R32	SelfEff	There are many things that I do well.	0.32	-0.02	0.21	0.37	
R33	Empathy	I feel bad when someone gets their feelings hurt.	0.06	0.71	-0.02	0.15	
R34	Empathy	I try to understand what other people go through.	0.02	0.88	0.02	0.09	
R38	Empathy	I try to understand what other people feel and think.	0.11	0.70	0.12	0.03	
R35	ProbSolv	When I need help I find someone to talk with.	0.64	0.33	0.07	-0.18	
R27	ProbSolv	I know where to go for help with a problem.	0.68	-0.01	0.07	0.11	
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.80	0.24	-0.14	-0.12	
R39	SelfAware	There is a purpose to my life.	0.12	0.06	0.46	0.28	
R40	SelfAware	I understand my moods and feelings.	0.01	0.05	0.91	-0.07	
R41	SelfAware	I understand why I do what I do.	0.01	0.03	0.86	-0.04	
R24	Goals	I have goals and plans for the future.	0.11	0.02	0.10	0.64	
R25	Goals	I plan to graduate from high school.	-0.09	0.07	-0.02	0.98	
R26	Goals	I plan to go to college or some other school after high school.	0.01	0.09	-0.11	0.88	

TABLE E85B

Secondary RYDM Internal Asset EFA Results, Validation Sample, 4 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.45	0.11	0.06	0.22	
R36	Coop	I enjoy working together with other students my age.		Items dropped because of cross-loadings			
R37	Coop	I stand up for myself without putting others down.		Items dropped because of cross-loadings			
R29	SelfEff	I can work out my problems.	0.65	-0.06	0.13	0.12	
R30	SelfEff	I can do most things if I try.	0.55	-0.10	0.10	0.36	
R32	SelfEff	There are many things that I do well.	0.46	-0.10	0.16	0.36	
R33	Empathy	I feel bad when someone gets their feelings hurt.	0.12	0.68	-0.03	0.14	
R34	Empathy	I try to understand what other people go through.	0.02	0.84	0.03	0.11	
R38	Empathy	I try to understand what other people feel and think.	0.09	0.70	0.12	0.09	
R35	ProbSolv	When I need help I find someone to talk with.	0.63	0.31	0.10	-0.21	
R27	ProbSolv	I know where to go for help with a problem.	0.66	0.02	0.09	0.07	
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.81	0.26	-0.15	-0.14	
R39	SelfAware	There is a purpose to my life.	0.17	0.05	0.45	0.27	
R40	SelfAware	I understand my moods and feelings.	-0.02	0.07	0.94	-0.07	
R41	SelfAware	I understand why I do what I do.	0.09	0.01	0.79	-0.01	
R24	Goals	I have goals and plans for the future.	0.11	0.04	0.10	0.63	
R25	Goals	I plan to graduate from high school.	-0.09	0.11	-0.03	0.97	
R26	Goals	I plan to go to college or some other school after high school.	0.01	0.11	-0.08	0.85	

TABLE E86A

Secondary RYDM Internal Asset EFA Results, Main Sample, 5 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.52	0.23	0.09	0.00	0.02
R36	Coop	I enjoy working together with other students my age.	Items dropped because of cross-loadings				
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.56	-0.07	0.34	0.09	-0.05
R30	SelfEff	I can do most things if I try.	0.79	-0.02	0.03	0.03	0.08
R32	SelfEff	There are many things that I do well.	0.63	0.09	-0.09	0.12	0.13
R33	Empathy	I feel bad when someone gets their feelings hurt.	-0.01	0.73	0.06	-0.02	0.12
R34	Empathy	I try to understand what other people go through.	0.03	0.93	0.01	-0.01	0.02
R38	Empathy	I try to understand what other people feel and think.	0.06	0.73	0.08	0.10	-0.02
R35	ProbSolv	When I need help I find someone to talk with.	-0.08	0.27	0.63	0.13	-0.04
R27	ProbSolv	I know where to go for help with a problem.	0.15	-0.10	0.60	0.09	0.17
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.03	0.17	0.73	-0.08	-0.01
R39	SelfAware	There is a purpose to my life.	0.16	0.05	0.03	0.44	0.25
R40	SelfAware	I understand my moods and feelings.	0.01	0.02	0.02	0.88	-0.03
R41	SelfAware	I understand why I do what I do.	0.04	0.00	0.01	0.83	-0.01
R24	Goals	I have goals and plans for the future.	0.09	-0.02	0.08	0.12	0.62
R25	Goals	I plan to graduate from high school.	0.06	0.04	-0.05	0.01	0.90
R26	Goals	I plan to go to college or some other school after high school.	-0.02	0.05	0.06	-0.06	0.88

TABLE E86B

Secondary RYDM Internal Asset EFA Results, Validation Sample, 5 Factor Model

Item	Original construct	Item description	1	2	3	4	5
R31	Coop	I can work with someone who has different opinions than mine.	0.59	0.21	0.05	0.01	-0.01
R36	Coop	I enjoy working together with other students my age.	Items dropped because of cross-loadings				
R37	Coop	I stand up for myself without putting others down.					
R29	SelfEff	I can work out my problems.	0.57	-0.03	0.28	0.09	-0.05
R30	SelfEff	I can do most things if I try.	0.80	0.02	-0.03	0.03	0.10
R32	SelfEff	There are many things that I do well.	0.64	0.00	-0.02	0.12	0.14
R33	Empathy	I feel bad when someone gets their feelings hurt.	0.03	0.70	0.10	-0.04	0.09
R34	Empathy	I try to understand what other people go through.	-0.01	0.88	0.03	0.01	0.05
R38	Empathy	I try to understand what other people feel and think.	0.07	0.74	0.05	0.10	0.01
R35	ProbSolv	When I need help I find someone to talk with.	-0.10	0.20	0.68	0.15	-0.04
R27	ProbSolv	I know where to go for help with a problem.	0.19	-0.10	0.56	0.10	0.14
R28	ProbSolv	I try to work out problems by talking or writing about them.	0.07	0.14	0.78	-0.12	-0.02
R39	SelfAware	There is a purpose to my life.	0.12	0.01	0.09	0.45	0.27
R40	SelfAware	I understand my moods and feelings.	0.01	0.05	-0.02	0.92	-0.05
R41	SelfAware	I understand why I do what I do.	0.09	0.00	0.02	0.78	-0.01
R24	Goals	I have goals and plans for the future.	0.08	-0.01	0.08	0.11	0.63
R25	Goals	I plan to graduate from high school.	0.10	0.08	-0.09	-0.02	0.89
R26	Goals	I plan to go to college or some other school after high school.	-0.03	0.04	0.07	-0.06	0.88