Item Analysis and Calibration of the New York Global History and United States History Regents Examinations

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All of the min-forms for Global History and United States History were analyzed using the Partial Credit Model (PCM). The PCM is an extension of the Rasch model allowing for the analysis of open-ended items which permit students to receive partial credit. In both the Global and US History there are three types of open-ended questions; 1) Constructed response which vary from 0 – 2 points; 2) Thematic essays scored 0 – 5 points; and 3) Document based essays scored 0 – 4. Because of the small sample sizes coupled with the design of the field test, equating the mini-forms was not possible. However, an analysis of the items using the PCM showed the appropriateness of applying this model to the data as indicated by the fit statistics.

Principal Component Analysis of English Language Arts

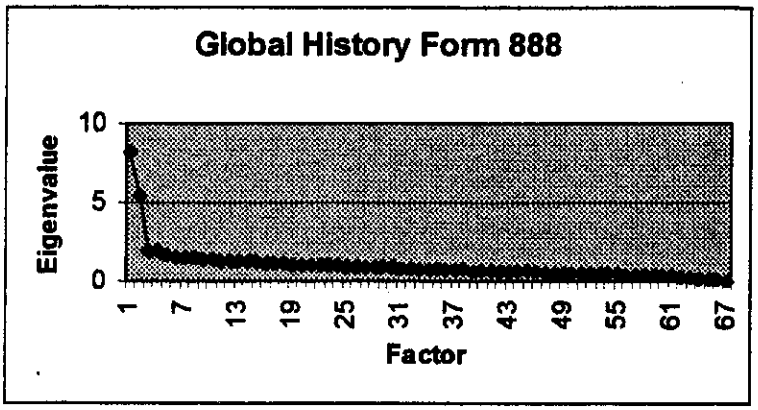
There were 25 different mini-forms arranged into 5 different versions. Form 888 was an intact form containing 50 multiple-choice (MC) items, four constructed response items (CR), one thematic essay (TE), and one document based essay (DB). There were four mini-forms each containing 6 MC and 3-7 CR. The CR items each consisted of a stimulus followed by a series of questions varying from 0-1 through 0-3 points possible. Seven mini-forms consisted of 30 MC items. Seven mini-forms contained 6 MC and 1 TE items and six other forms contained 6 MC and 1 DB items.

The mini-forms used in the field test are presented in the following table:

Form Number		Multiple-choice Questions	Constructed-response Stimulus	Constructed-repsonse Questions	Thematic Essay Questions	Document-based Essay Questions
201	467	6	1	10	0	0
			2	4		
			3	7		
202	504	6	1	6	0	0
			2	4		
			3	2		
			4	3		
			5	2		
203	495	6	1	4	0	0
			2	4		
			3	7		
			4	5		
			5	3		
			6	3		
			7	8		
204	475	6	1	3	0	0
			2	3		
			3	3		
			4	3		
			5	3		
			6	7		

Form Number	N-counts	Multiple-choice Questions	Constructed-response Stimulus	Constructed-repsonse Questions	Thematic Essay Questions	Document-based Essay Questions
205	342	6	0		1	0
206	340	6	0		1	0
207	342	6	0		1	0
208	350	6	0		1	0
209	345	6	0		1	0
210	331	6	0		1	0
211	351	6	0		1	0
212	473	6	0		0	1
213	476	6	0		0	1
214	470	6	0		0	1
215	461	6	0		0	1
216	462	6	0		0	1
217	466	6	0		0	1
218	352	30	0		0	0
219	351	30	0		0	0
220	352	30	0		0	0
221	339	30	0		0	0
222	347	30	0		0	0
223	341	30	0		0	0
224	345	30	0		0	0
888	988	50	1	3	1	1
			2	7		
			3	3		
			4	3		

To examine the dimensionality of the Global History assessment a Principal Component analysis was done on the intact Form 888. The results from this analysis are presented in Appendix A. When examining the eigenvalues it appears that a dominant factor exists with a minor second factor. The plot of these eigenvalues is presented below.



The percent of total variance explained by the first factor in Form 888 is 12.3% and for the second factor it is 8.0%. The third factor only accounts for 3.0% of the explained variance. Contrasting the percent of variance explained by the first two factors with the amount explained by the third factor would indicate the presence of a strong first factor and a minor second factor. It appears from the factor loadings found in Appendix A that the multiple-choice items load more heavily on the first factor than the open-ended questions, suggesting some type of item effect. This may be a result of the way students responded to the open-ended questions, i.e., open-ended questions require more effort on the part of the students and given the nature of this field test, the students may not have put forth their best effort. Due to the possible existence of a second factor special attention should be paid to the fit statistics when applying a unidimensional Item Response Theory model such as the Partial Credit Model (PCM). The results from the PCM analysis are presented in the next section.

Rasch Analysis of Global History

Each of the mini-forms were analyzed using the computer program BIGSTEPS and applying the PCM. Table 3.1 from the BIGSTEPS analysis of Form 201 is presented below. The column labeled SCORE represents the mean and standard deviation of the raw score on the mini-form. COUNT shows the number of test questions on the form. MEASURE is the mean and standard deviation of the Rasch Theta values for the sample and ERROR is the error associated with those estimates. MNSQ is the mean square for the INFIT and OUTFIT statistics. The INFIT statistics is a weighted fit statistic with the weighting base in the information provided by the examine, i.e., how closely the item difficulty matches the students ability. In most cases the MNSQ of the INFIT would be preferred when judging the fit of the PCM to the data. With sample sizes of the magnitude used in this study, fit statistics between 1.3 and .7 are considered adequate. A perfect fit between

the PCM and the data would produce a MNSQ of 1.00. The PERSON SEP REL. is a measure of the test reliability similar to that of a coefficient alpha.

The second half of the table gives similar information for the items.

```
TABLE 3.1 Global Form 201 first run                          R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
Feb  6  9:54 1999   INPUT:   467 PERSONS    30 ITEMS    ANALYZED:   464 PERSONS    27 ITEMS    55 CATEGORIES
-----------------------------------------------------------------------------------------------------------

    SUMMARY OF   464 MEASURED (NON-EXTREME) PERSONS
-----------------------------------------------------------------------------
          SCORE     COUNT     MEASURE   ERROR      MNSQ  INFIT   MNSQ OUTFIT
-----------------------------------------------------------------------------
 MEAN      17.9      25.8        1.00     .49      1.02     .1   1.03     .1
 S.D.       4.9       2.7         .95     .11       .24    1.1    .74     .9
-----------------------------------------------------------------------------
 RMSE    .50  ADJ.S.D.     .81   PERSON SEP    1.62   PERSON SEP REL.   .72
-----------------------------------------------------------------------------
 MAXIMUM EXTREME SCORE:    3 PERSONS

    SUMMARY OF    27 MEASURED (NON-EXTREME) ITEMS
-----------------------------------------------------------------------------
          SCORE     COUNT     MEASURE   ERROR      MNSQ  INFIT   MNSQ OUTFIT
-----------------------------------------------------------------------------
 MEAN     307.5     444.2        .00     .12       .99     .0   1.03     .1
 S.D.      78.9      20.0       1.06     .05       .15    2.7    .29    2.7
-----------------------------------------------------------------------------
 RMSE    .13  ADJ.S.D.    1.05    ITEM  SEP    8.07   ITEM  SEP REL.   .98
-----------------------------------------------------------------------------
     LACKING RESPONSES:    3 ITEMS

SUMMARY OF MEASURED STEPS
```

The next table presents the Item statistics for mini-form 201. which is taken directly from the BIGSTEPS output. The column "NUM" is the sequence numbers for the items in the data file. The column "SCORE" is the sum of the points received by those responding to the question. "COUNT" is the number of students responding to the item. SCORE divided by COUNT would give the mean score (or p-value for the multiple-choice items). The Rasch difficulty is presented in column "MEASURE" followed by the error of estimate. The mean and standard deviations for these difficulty values can be found in the previous tables with the summary information. The next four columns contain the fit statistics for each item. The "PTBIS" column is the point biserial or item-test correlation for every item. The column headed "NAME" provides the item number based on location in the data set. The labels correspond to the item type, i.e., MC = multiple-choice, CR = constructed-response, TE = thematic essay, and DB = document based essay. Because of the varying number of questions associated with each CR item there will appear the statement DROPPED at certain item positions. This means that there were no data in that column for that particular form. It does not mean that an item was actually dropped do to poor performance.

The INFIT statistic is a measure of the fit weighted by where the examinees are located relative to the item difficulty. The OUTFIT gives all examinees equal weight in computing the fit and tends to be sensitive to very easy and difficult items. Because these tables come from the equatings, the items show some item displacement. Item displacement represents the difference between what the difficulty value would have been had it been free to vary without fixing the anchor items.

TABLE 14.1 Global Form 201 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27

Feb 6 9:54 1999 INPUT: 467 PERSONS 30 ITEMS ANALYZED: 464 PERSONS 27 ITEMS 55 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	224	464	1.042	.097	1.05	1.5	1.09	1.7	.24	MC1
2	331	464	-.068	.106	1.13	2.4	1.23	2.6	.11	MC2
3	339	464	-.163	.108	1.00	.0	1.00	.0	.27	MC3
4	326	464	-.009	.105	.98	-.4	1.01	.2	.30	MC4
5	240	464	.885	.097	1.09	2.6	1.13	2.4	.17	MC5
6	207	464	1.210	.098	1.05	1.4	1.09	1.7	.23	MC6
7			DROPPED							SPACE
8	360	445	-.645	.124	.79	-3.1	.60	-3.7	.53	CR
9	382	447	-.994	.136	.86	-1.6	.63	-2.7	.43	CR
10	315	443	-.037	.108	.76	-5.2	.68	-4.2	.57	CR
11	312	447	.020	.107	.75	-5.6	.66	-4.7	.58	CR
12	396	435	-1.540	.168	.91	-.7	1.06	.3	.32	CR
13	319	404	-.426	.125	.76	-3.6	.64	-3.4	.55	CR
14	267	401	.239	.110	.93	-1.5	.92	-1.0	.35	CR
15	309	413	-.194	.117	.87	-2.8	.76	-2.6	.43	CR
16	291	408	.000	.113	.78	-4.4	.68	-4.1	-.53	CR
17	326	402	-.587	.130	.93	-.8	.80	-1.6	.33	CR
18			DROPPED							CR
19	393	459	-1.027	.135	1.10	1.1	1.62	3.4	.05	CR
20	451	459	-3.338	.349	.98	.0	1.77	1.3	.02	CR
21	403	457	-1.271	.147	1.12	1.1	1.18	1.0	.06	CR
22	471	453	.892	.064	1.38	6.6	1.54	6.8	.09	CR
23			DROPPED							CR
24	157	448	1.682	.103	1.05	1.1	1.09	1.3	.18	CR
25	194	449	1.284	.100	1.03	.8	1.07	1.3	.21	CR
26	327	449	-.135	.109	1.17	3.1	1.22	2.3	.06	CR
27	243	448	.780	.099	1.11	3.1	1.10	1.8	.15	CR
28	306	449	.115	.105	1.05	1.1	.99	-.1	.21	CR
29	175	449	1.483	.101	1.04	1.0	1.07	1.2	.21	CR
30	239	444	.803	.099	1.06	1.7	1.04	.8	.20	CR

The BIGSTEPS output for all Global History forms can be found in Appendix B.

When examining the MNSQ for the INFIT statistics for the test items on Form 888 it can be seen that all of the multiple-choice items have fit statistics within the range of 0.7 – 1.3. This shows that these items fit the PCM well. With the open-ended items there are a few items with fit statistics outside the range. This is consistent with the Principal Component Analysis results presented in the previous section which suggested the possible existence of a second factor identified with open-ended questions. However, the fit statistics for the total test indicate that the model fits the test well when used in the aggregate.

Rasch Analysis of United States History

There were 22 different mini-forms arranged into 5 different versions. There were four mini-forms each containing 6 MC and 5-6 CR. The CR items each consisted of a stimulus followed by a series of questions varying from 0-1 through 0-2 points possible. Six mini-forms consisted of 30 MC items. Seven mini-forms contained 6 MC and 1 TE items and six other forms contained 6 MC and 1 DB items.

The mini-forms used in the field test for United States History are presented in the following table:

Form Number	N-count	Multiple-choice Questions	Constructed-response Stimulus	Constructed-response Questions	Thematic Essay Questions	Document-based Essay Questions
401	254	6	1	3	0	0
			2	3		
			3	4		
			4	4		
			5	3		
			6	3		
402	250	6	1	3	0	0
			2	3		
			3	3		
			4	4		
			5	3		
			6	3		
403	266	6	1	3	0	0
			2	3		
			3	3		
			4	3		
			5	2		
404	268	6	1	3 (1 not scored)	0	0
			2	3		
			3	3		
			4	3		
			5	3		
			6	4		

Form Number	N-counts	Multiple-choice Questions	Constructed-response Stimulus	Constructed-response Questions	Thematic Essay Questions	Document-based Essay Questions
405	395	6	0		1	0
406	402	6	0		1	0
407	394	6	0		1	0
408	390	6	0		1	0
409	399	6	0		1	0
410	388	6	0		1	0
412	398	6	0		0	1
413	385	6	0		0	1
414	383	6	0		0	1
415	386	6	0		0	1
416	383	6	0		0	1
417	213	6	0		0	1
418	158	30	0		0	0
419	164	30	0		0	0
420	163	30	0		0	0
421	158	30	0		0	0
422	162	30	0		0	0
423	159	30	0		0	0

The BIGSTEPS output for this analysis can be found in Appendix C.

Item Analysis Global History and United States History

For each of the mini-forms in Global History an item analysis was performed. The analysis for form 201 is presented in the following table. The column "Item" lists the item position in the data file, not the test booklet. For each CR item the item number corresponds to the CR questions which were presented with a particular stimulus. In some tables the word MISSING will appear in the Item column. This correspond to the classification of DROPPED in the Rasch analysis, i.e., that particular form did not contain item data in that position. The column headed "Key" indicates whether the item was a multiple-choice (M) or open-ended (O) item. The column "B" is the proportion of students leaving the item blank. For multiple-choice items the proportions in columns 1-4 are the proportion of students selecting the given answer choice. For open-ended items the proportions in columns 0-4 are the proportion of students receiving the various score points and the proportion receiving the score of "9" which was off-topic. The mean is the average score for students on a given item. The column headed "Cor." contains the point biserial for the multiple-choice items and the item-total for the open-ended items. Finally, Rasch is the Rasch item difficulty for that analysis. Because these forms are not equated, all item parameters will sum to zero for each form. The tables for all Global History mini-forms can be found in Appendix D and the same tables for United States History are presented in Appendix E.

Item Statistics for Global History Form 201.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.12	.12	.49	.27	.00	0.49	0.24	1.042
2	M	.00	.00	.04	.04	.20	.72	.00	0.72	0.11	-0.068
3	M	.00	.00	.73	.08	.09	.09	.00	0.73	0.27	-0.163
4	M	.00	.00	.09	.70	.12	.08	.00	0.70	0.30	-0.009
5	M	.00	.00	.06	.14	.28	.52	.00	0.52	0.17	0.885
6	M	.00	.00	.45	.16	.31	.07	.00	0.45	0.23	1.210
1	O	.00	.18	.78	.00	.00	.00	.04	1.02	0.53	-0.645
2	O	.00	.14	.82	.00	.00	.00	.04	1.04	0.43	-0.994
3	O	.00	.27	.68	.00	.00	.00	.04	0.95	0.57	-0.037
4	O	.00	.29	.67	.00	.00	.00	.04	0.89	0.58	0.020
5	O	.00	.08	.85	.00	.00	.00	.06	1.23	0.32	-1.540
6	O	.01	.18	.69	.00	.00	.00	.12	1.40	0.55	-0.426
7	O	.00	.29	.58	.00	.00	.00	.13	1.37	0.35	0.239
8	O	.00	.22	.67	.00	.00	.00	.11	1.32	0.43	-0.194
9	O	.00	.25	.63	.00	.00	.00	.12	1.35	0.53	0.000
10	O	.02	.16	.70	.00	.00	.00	.11	1.39	0.33	-0.587
1	O	.01	.14	.85	.00	.00	.00	.00	0.85	0.05	-1.027
2	O	.01	.02	.97	.00	.00	.00	.00	0.97	0.02	-3.338
3	O	.01	.12	.87	.00	.00	.00	.00	0.87	0.06	-1.271
4	O	.01	.32	.29	.37	.00	.00	.01	1.10	0.09	0.892
1	O	.00	.62	.34	.00	.00	.00	.03	0.55	0.18	1.682
2	O	.00	.55	.42	.00	.00	.00	.03	0.61	0.21	1.284
3	O	.00	.26	.71	.00	.00	.00	.03	0.90	0.06	-0.135
4	O	.00	.44	.53	.00	.00	.00	.03	0.73	0.15	0.780
5	O	.00	.31	.66	.00	.00	.00	.03	0.85	0.21	0.115
6	O	.00	.59	.38	.00	.00	.00	.03	0.57	0.21	1.483
7	O	.00	.44	.52	.00	.00	.00	.04	0.75	0.20	0.803

Scoring Analysis

A small sample of student papers were scored by two different readers. This allowed for the calculation of the differences between the two scores assigned to these papers for the Thematic essays and the Document based essays. These results are presented for Global History and the United States History in the following tables.

In the columns headed "0" – "4" contain the proportion of papers receiving two scores which differed by that amount. That is, a paper with the first score of 4 and a second score of 3 would receive an absolute difference of 1 the same score as another paper with a 2 for the first score and a 3 on the second score. This distribution of the absolute differences show the proportion of time that papers were scored exactly the same on both scores—when they differed by 1—when they differed by 2, etc. The mean scores are the average score assigned in the first reading vs. the second reading. A comparison between these statistics gives an indication

as to whether a bias existed between the first and second rating, i.e., where the raters becoming more lenient the second time around.

Global History

Distribution of absolute differences between two scores for same prompt

Form	Absolute Differences					Mean		N-Count
	0	1	2	3	4	Score 1	Score 2	
205	0.36	0.49	0.12	0.03	0.01	2.42	2.36	76
206	0.37	0.54	0.09	0.01	0.00	2.29	2.18	82
207	0.43	0.44	0.11	0.01	0.00	2.28	2.44	81
208	0.48	0.45	0.07	0.00	0.00	2.35	2.73	82
209	0.47	0.47	0.07	0.00	0.00	2.19	2.02	86
210	0.40	0.44	0.13	0.02	0.00	2.33	2.09	82
211	0.42	0.48	0.10	0.00	0.00	2.43	2.38	79
212	0.54	0.40	0.06	0.00	0.00	2.10	2.19	90
213	0.47	0.44	0.07	0.01	0.00	2.00	2.03	70
214	0.54	0.40	0.02	0.02	0.00	2.23	2.21	84
215	0.56	0.39	0.04	0.00	0.00	2.27	2.11	82
216	0.49	0.41	0.09	0.01	0.00	1.66	1.86	93
217	0.53	0.38	0.06	0.01	0.00	1.91	1.91	94

U.S. History

Distribution of absolute differences between two scores for same prompt

Form	Absolute Differences					Mean		N-Count
	0	1	2	3	4	Score 1	Score 2	
405	0.46	0.46	0.07	0.00	0.00	1.99	2.02	84
406	0.40	0.43	0.16	0.01	0.00	1.81	1.72	75
407	0.43	0.51	0.06	0.00	0.00	2.61	2.45	51
408	0.42	0.53	0.05	0.00	0.00	2.46	2.47	78
409	0.37	0.51	0.10	0.01	0.00	1.48	1.55	67
410	0.41	0.46	0.13	0.00	0.00	2.32	2.83	78
412	0.54	0.40	0.06	0.00	0.00	3.00	2.81	67
413	0.54	0.43	0.03	0.00	0.00	2.22	2.21	72
414	0.42	0.45	0.10	0.02	0.00	2.66	2.69	62
415	0.28	0.47	0.21	0.03	0.00	2.62	1.72	58
416	0.60	0.40	0.00	0.00	0.00	2.30	2.38	50
417	0.52	0.41	0.04	0.00	0.00	2.22	1.81	27

Appendix A

Principal Component Analysis for Global History

LATENT ROOTS (EIGENVALUES)

1	2	3	4	5
8.258	5.341	1.954	1.905	1.719
6	7	8	9	10
1.571	1.550	1.479	1.400	1.376
11	12	13	14	15
1.341	1.307	1.290	1.262	1.230
16	17	18	19	20
1.170	1.145	1.100	1.082	1.050
21	22	23	24	25
1.043	1.021	0.993	0.979	0.961
26	27	28	29	30
0.932	0.894	0.872	0.858	0.837
31	32	33	34	35
0.816	0.805	0.791	0.781	0.756
36	37	38	39	40
0.749	0.739	0.718	0.705	0.685
41	42	43	44	45
0.671	0.649	0.621	0.605	0.594
46	47	48	49	50
0.591	0.570	0.558	0.539	0.515
51	52	53	54	55
0.502	0.498	0.484	0.479	0.449
56	57	58	59	60
0.433	0.424	0.397	0.380	0.369
61	62	63	64	65
0.354	0.290	0.268	0.103	0.087
66	67			
0.074	0.030			

COMPONENT LOADINGS

	1	2	3	4	5
ITEM(1)	0.340	0.016	-0.157	0.078	-0.254
ITEM(2)	0.459	0.038	-0.044	0.027	-0.199
ITEM(3)	0.195	0.038	0.008	0.057	0.231
ITEM(4)	0.490	0.050	-0.144	0.169	-0.141
ITEM(5)	0.236	0.180	-0.079	-0.262	-0.248
ITEM(6)	0.231	0.093	-0.027	-0.184	-0.091
ITEM(7)	0.271	0.116	-0.078	0.015	-0.254
ITEM(8)	0.182	0.096	-0.064	0.005	0.225
ITEM(9)	0.215	0.145	0.009	0.022	-0.287
ITEM(10)	0.474	0.135	0.082	-0.084	0.217
ITEM(11)	0.293	0.164	-0.078	0.061	-0.087
ITEM(12)	0.302	0.071	-0.077	-0.092	0.193
ITEM(13)	0.371	0.238	-0.053	0.230	-0.238
ITEM(14)	0.352	0.048	0.008	0.022	0.297
ITEM(15)	0.475	0.055	-0.019	-0.042	0.190
ITEM(16)	0.286	0.127	-0.042	-0.001	0.341
ITEM(17)	0.345	-0.003	-0.117	0.033	-0.036
ITEM(18)	0.133	0.032	-0.094	0.121	0.109
ITEM(19)	0.328	0.027	-0.024	-0.154	-0.116
ITEM(20)	0.383	0.053	-0.018	-0.126	-0.001
ITEM(21)	0.392	0.025	-0.049	-0.068	0.177
ITEM(22)	0.313	0.035	0.012	0.203	-0.178
ITEM(23)	0.443	-0.015	-0.041	0.096	0.202
ITEM(24)	0.344	0.069	-0.079	-0.105	0.003
ITEM(25)	0.368	0.057	0.070	0.046	0.009
ITEM(26)	0.233	-0.010	-0.014	-0.105	-0.084
ITEM(27)	0.515	0.065	0.003	0.166	0.124
ITEM(28)	0.392	0.046	0.052	-0.146	0.171
ITEM(29)	0.475	0.063	0.029	-0.046	0.175
ITEM(30)	0.369	0.084	0.066	-0.128	0.114
ITEM(31)	0.126	-0.094	-0.119	0.062	0.033
ITEM(32)	0.485	-0.032	0.028	-0.072	0.074
ITEM(33)	0.334	0.240	0.061	0.030	-0.059
ITEM(34)	0.446	0.074	0.038	-0.100	-0.139
ITEM(35)	0.456	0.012	0.149	-0.019	-0.303
ITEM(36)	0.426	0.084	0.039	-0.021	-0.005
ITEM(37)	0.515	0.099	0.136	-0.139	-0.092
ITEM(38)	0.398	0.117	0.053	0.200	0.058
ITEM(39)	0.433	0.079	0.054	-0.086	0.163
ITEM(40)	0.254	-0.041	0.153	-0.134	-0.105
ITEM(41)	0.507	0.027	-0.156	-0.002	0.001
ITEM(42)	0.294	0.191	0.024	-0.051	0.271
ITEM(43)	0.430	0.135	-0.071	0.031	0.196
ITEM(44)	0.572	0.090	0.059	0.033	-0.122
ITEM(45)	0.302	0.113	0.194	-0.159	-0.173
ITEM(46)	0.413	0.045	-0.022	-0.109	0.227
ITEM(47)	0.579	0.090	0.056	0.123	0.062
ITEM(48)	0.499	0.124	0.069	0.133	-0.244
ITEM(49)	0.521	0.111	0.059	0.111	-0.092
ITEM(50)	0.434	0.080	-0.037	0.017	-0.221
ITEM(51)	0.153	-0.120	-0.526	-0.175	0.168
ITEM(52)	0.077	-0.218	-0.651	-0.406	-0.083

COMPONENT LOADINGS

	1	2	3	4	5
ITEM(53)	0.027	-0.201	-0.689	-0.337	-0.078
ITEM(54)	0.159	-0.491	0.163	-0.419	-0.119
ITEM(55)	0.238	-0.879	0.060	0.110	0.028
ITEM(56)	0.239	-0.875	0.060	0.120	-0.011
ITEM(57)	0.206	-0.663	0.194	-0.292	-0.106
ITEM(58)	0.233	-0.900	0.104	0.064	0.019
ITEM(59)	0.253	-0.861	0.077	0.119	0.011
ITEM(60)	0.239	-0.851	0.070	0.038	-0.038
ITEM(61)	0.113	-0.019	-0.226	0.517	-0.076
ITEM(62)	0.185	-0.358	-0.377	0.312	0.097
ITEM(63)	0.147	-0.285	-0.249	0.420	0.025
ITEM(64)	0.137	0.011	0.235	0.112	0.180
ITEM(65)	0.067	-0.184	0.189	-0.218	0.105
ITEM(66)	-0.044	-0.110	0.144	-0.230	0.161
ITEM(67)	0.475	0.071	0.088	-0.151	-0.077

COMPONENT LOADINGS

	6	7	8	9	10
ITEM(1)	-0.117	0.059	-0.035	0.245	-0.106
ITEM(2)	0.068	-0.022	-0.211	0.078	-0.379
ITEM(3)	0.247	-0.026	0.095	0.095	0.022
ITEM(4)	-0.044	0.010	0.050	0.029	-0.037
ITEM(5)	0.192	0.129	-0.072	0.099	-0.075
ITEM(6)	0.081	-0.097	0.276	0.056	-0.219
ITEM(7)	-0.044	-0.091	0.282	0.013	0.284
ITEM(8)	-0.129	0.063	0.169	0.442	0.087
ITEM(9)	0.200	0.014	0.038	0.328	0.181
ITEM(10)	0.144	-0.011	0.235	-0.085	0.050
ITEM(11)	0.324	-0.106	0.130	-0.121	0.310
ITEM(12)	-0.073	-0.074	0.008	-0.391	-0.203
ITEM(13)	0.281	-0.052	-0.085	0.191	-0.047
ITEM(14)	0.010	0.328	0.110	-0.137	-0.070
ITEM(15)	-0.072	0.025	-0.039	-0.211	0.015
ITEM(16)	0.119	0.166	-0.085	0.215	0.045
ITEM(17)	-0.185	-0.130	-0.192	-0.007	-0.077
ITEM(18)	-0.202	-0.164	0.149	0.113	-0.120
ITEM(19)	0.044	0.152	-0.262	-0.033	0.255
ITEM(20)	-0.105	0.208	0.059	0.054	0.294
ITEM(21)	0.001	-0.262	-0.195	0.015	-0.189
ITEM(22)	-0.026	0.029	0.170	0.070	-0.116
ITEM(23)	0.268	0.020	0.172	0.103	0.058
ITEM(24)	-0.227	0.073	-0.135	-0.049	0.148
ITEM(25)	-0.013	0.048	0.132	-0.137	-0.054
ITEM(26)	-0.364	0.172	-0.084	0.161	-0.171
ITEM(27)	-0.041	0.049	-0.131	0.044	-0.006
ITEM(28)	-0.097	-0.007	-0.051	-0.061	0.088
ITEM(29)	-0.012	0.054	0.172	-0.128	-0.171
ITEM(30)	0.037	-0.078	-0.094	0.061	-0.066
ITEM(31)	-0.242	-0.117	0.178	0.056	0.345
ITEM(32)	-0.251	-0.017	0.112	0.090	0.046
ITEM(33)	-0.129	0.058	0.191	0.014	0.002
ITEM(34)	-0.094	-0.011	0.007	0.153	0.028
ITEM(35)	-0.062	0.134	-0.007	0.141	0.065
ITEM(36)	-0.164	-0.208	0.035	-0.049	-0.110
ITEM(37)	-0.131	0.021	-0.232	-0.148	-0.029
ITEM(38)	0.016	-0.041	0.029	-0.119	0.102
ITEM(39)	-0.313	-0.185	0.028	0.079	-0.008
ITEM(40)	0.231	0.061	0.015	0.064	0.020
ITEM(41)	-0.016	-0.183	0.138	0.142	-0.104
ITEM(42)	0.370	-0.201	-0.055	0.017	0.039
ITEM(43)	0.341	0.054	-0.089	0.121	-0.182
ITEM(44)	0.047	-0.037	-0.172	-0.152	0.077
ITEM(45)	-0.033	0.122	-0.268	-0.229	0.270
ITEM(46)	-0.072	0.076	-0.076	-0.078	0.336
ITEM(47)	0.140	0.047	0.026	-0.179	0.064
ITEM(48)	0.027	0.016	-0.040	-0.129	-0.026
ITEM(49)	0.102	-0.054	0.096	-0.126	-0.018
ITEM(50)	0.007	-0.062	-0.130	-0.105	-0.183
ITEM(51)	0.064	0.041	-0.114	0.239	-0.093
ITEM(52)	0.030	-0.116	0.043	-0.118	0.100
ITEM(53)	0.080	0.086	0.044	-0.053	0.109

COMPONENT LOADINGS

	6	7	8	9	10
ITEM(54)	0.098	0.334	0.319	-0.063	-0.220
ITEM(55)	0.020	-0.193	-0.087	0.085	0.075
ITEM(56)	0.007	-0.195	-0.078	0.048	0.088
ITEM(57)	0.109	0.291	0.293	-0.117	-0.153
ITEM(58)	0.043	-0.108	-0.029	0.058	0.038
ITEM(59)	0.061	-0.152	-0.075	0.028	0.067
ITEM(60)	0.051	-0.099	0.041	-0.037	0.041
ITEM(61)	0.143	0.328	-0.055	-0.044	0.047
ITEM(62)	-0.134	0.199	-0.063	-0.122	-0.110
ITEM(63)	-0.122	0.431	-0.060	-0.111	-0.067
ITEM(64)	-0.147	0.225	0.127	0.255	0.050
ITEM(65)	-0.041	0.354	-0.216	0.240	0.052
ITEM(66)	0.157	0.057	-0.447	0.129	-0.039
ITEM(67)	-0.138	-0.212	0.016	0.101	-0.035

COMPONENT LOADINGS

	11	12	13	14	15
ITEM(1)	0.241	-0.165	0.029	-0.147	-0.093
ITEM(2)	0.031	-0.181	-0.074	-0.122	-0.214
ITEM(3)	0.059	-0.100	-0.136	0.118	0.069
ITEM(4)	-0.011	-0.045	0.125	-0.142	-0.006
ITEM(5)	0.055	0.061	0.293	-0.125	0.047
ITEM(6)	0.201	0.003	-0.014	-0.192	0.195
ITEM(7)	-0.103	0.138	-0.258	-0.117	0.220
ITEM(8)	0.212	0.053	-0.065	0.212	-0.087
ITEM(9)	-0.332	0.003	-0.078	-0.147	-0.203
ITEM(10)	-0.033	-0.110	-0.046	0.061	-0.027
ITEM(11)	0.080	0.000	-0.031	-0.070	0.263
ITEM(12)	0.140	0.040	-0.265	-0.373	-0.034
ITEM(13)	0.165	0.085	0.050	-0.080	0.209
ITEM(14)	-0.204	-0.155	-0.065	0.077	-0.211
ITEM(15)	-0.131	0.157	0.034	0.047	0.117
ITEM(16)	0.069	-0.242	0.007	0.101	0.140
ITEM(17)	0.030	0.044	-0.439	0.044	0.024
ITEM(18)	-0.349	0.241	-0.170	0.398	0.148
ITEM(19)	-0.143	0.092	0.095	0.061	-0.122
ITEM(20)	-0.037	0.190	0.183	0.020	-0.354
ITEM(21)	-0.145	0.196	-0.043	-0.010	0.168
ITEM(22)	-0.291	0.156	0.042	-0.041	-0.151
ITEM(23)	0.089	0.011	-0.094	0.159	0.070
ITEM(24)	0.262	-0.263	-0.062	0.105	0.279
ITEM(25)	0.018	0.374	0.209	0.109	0.081
ITEM(26)	-0.274	-0.070	0.144	0.018	0.355
ITEM(27)	-0.039	0.214	0.086	-0.083	0.037
ITEM(28)	-0.231	-0.169	0.088	-0.137	-0.095
ITEM(29)	-0.082	0.004	0.407	0.061	-0.024
ITEM(30)	0.179	0.159	0.168	0.128	-0.130
ITEM(31)	0.202	-0.002	-0.006	0.025	-0.228
ITEM(32)	0.118	0.177	-0.016	-0.293	0.025
ITEM(33)	0.344	0.153	0.091	0.241	-0.148
ITEM(34)	0.121	0.061	-0.091	-0.026	-0.067
ITEM(35)	0.014	0.012	-0.177	0.080	-0.122
ITEM(36)	-0.088	-0.098	0.023	-0.142	-0.183
ITEM(37)	0.097	-0.043	0.034	0.289	0.105
ITEM(38)	-0.108	-0.227	0.244	-0.005	0.084
ITEM(39)	-0.130	-0.093	0.103	-0.190	-0.005
ITEM(40)	-0.277	-0.355	-0.169	0.143	-0.024
ITEM(41)	-0.013	0.029	0.039	-0.090	0.095
ITEM(42)	0.013	0.181	0.047	-0.119	-0.105
ITEM(43)	0.110	-0.008	0.043	-0.011	0.016
ITEM(44)	0.007	-0.115	0.057	-0.075	-0.024
ITEM(45)	0.082	-0.022	0.035	0.030	0.166
ITEM(46)	0.039	-0.064	-0.213	-0.136	-0.082
ITEM(47)	0.004	-0.063	-0.062	-0.069	-0.054
ITEM(48)	-0.193	0.097	-0.168	0.112	-0.013
ITEM(49)	-0.055	0.076	-0.284	0.085	0.010
ITEM(50)	0.089	-0.118	0.028	0.265	-0.148
ITEM(51)	-0.108	-0.125	-0.113	0.018	-0.109
ITEM(52)	-0.025	0.008	0.085	0.017	0.023
ITEM(53)	-0.130	0.020	0.075	0.093	0.103

COMPONENT LOADINGS

	11	12	13	14	15
ITEM(54)	0.051	0.012	-0.101	0.027	0.011
ITEM(55)	-0.026	-0.028	0.083	0.009	-0.010
ITEM(56)	0.049	-0.025	0.066	0.027	0.018
ITEM(57)	0.052	0.029	-0.082	-0.004	0.015
ITEM(58)	0.030	-0.014	0.056	0.028	0.011
ITEM(59)	-0.010	-0.009	0.069	-0.017	0.029
ITEM(60)	-0.009	0.003	0.018	-0.021	0.001
ITEM(61)	-0.053	0.059	0.134	0.010	0.133
ITEM(62)	0.074	0.064	-0.091	-0.042	-0.101
ITEM(63)	0.130	0.012	-0.104	-0.001	0.018
ITEM(64)	-0.068	-0.223	0.044	-0.212	0.226
ITEM(65)	-0.053	0.316	-0.115	-0.200	0.196
ITEM(66)	0.026	0.254	-0.137	0.038	-0.079
ITEM(67)	0.072	-0.134	0.037	0.266	0.098

COMPONENT LOADINGS

	16	17	18	19	20
ITEM(1)	0.009	0.030	-0.145	-0.213	0.236
ITEM(2)	0.001	0.120	0.002	-0.082	0.171
ITEM(3)	0.196	0.498	-0.094	-0.171	0.147
ITEM(4)	-0.414	0.012	0.021	-0.069	0.011
ITEM(5)	-0.049	0.051	-0.276	-0.121	0.068
ITEM(6)	0.183	0.162	0.090	0.419	0.042
ITEM(7)	0.062	-0.002	-0.188	-0.279	-0.038
ITEM(8)	-0.071	0.029	0.233	-0.121	0.007
ITEM(9)	0.001	-0.121	0.055	0.051	-0.081
ITEM(10)	-0.016	0.057	-0.157	-0.007	0.136
ITEM(11)	-0.114	-0.143	-0.029	0.280	-0.091
ITEM(12)	0.093	0.116	-0.082	0.008	0.131
ITEM(13)	-0.032	-0.066	0.053	-0.037	-0.062
ITEM(14)	-0.074	-0.042	0.118	-0.074	-0.155
ITEM(15)	0.112	0.024	0.040	-0.114	0.108
ITEM(16)	-0.143	-0.059	-0.084	0.020	0.093
ITEM(17)	0.076	-0.053	0.115	-0.086	0.023
ITEM(18)	-0.131	0.089	-0.095	0.125	0.080
ITEM(19)	0.133	0.003	0.076	0.163	0.309
ITEM(20)	0.009	0.225	0.166	-0.038	0.009
ITEM(21)	0.135	-0.102	-0.127	-0.111	-0.285
ITEM(22)	0.315	-0.008	-0.171	0.054	0.191
ITEM(23)	0.221	-0.122	-0.059	-0.160	0.148
ITEM(24)	-0.117	0.131	-0.066	-0.077	-0.028
ITEM(25)	-0.256	0.234	-0.023	-0.020	0.158
ITEM(26)	0.158	0.130	-0.015	0.086	-0.122
ITEM(27)	-0.045	-0.060	0.030	-0.193	-0.033
ITEM(28)	0.019	-0.318	-0.314	0.032	-0.027
ITEM(29)	-0.141	-0.035	-0.119	-0.130	0.006
ITEM(30)	0.164	-0.231	-0.100	-0.070	-0.122
ITEM(31)	0.096	-0.202	-0.339	0.106	0.104
ITEM(32)	-0.062	0.060	-0.187	0.082	-0.138
ITEM(33)	0.321	0.077	0.076	0.093	-0.227
ITEM(34)	-0.116	0.179	-0.070	-0.049	-0.212
ITEM(35)	-0.145	0.101	-0.045	0.243	-0.173
ITEM(36)	0.134	0.146	0.068	-0.115	-0.226
ITEM(37)	0.028	-0.052	-0.048	0.165	0.118
ITEM(38)	0.022	0.162	-0.017	0.194	0.038
ITEM(39)	-0.141	0.031	0.237	0.087	-0.076
ITEM(40)	-0.054	0.264	-0.231	0.004	-0.200
ITEM(41)	-0.173	-0.175	0.042	0.034	0.137
ITEM(42)	0.083	0.060	0.023	0.111	-0.226
ITEM(43)	0.014	-0.061	0.148	0.088	-0.145
ITEM(44)	0.091	-0.040	0.246	-0.063	0.079
ITEM(45)	0.115	-0.025	0.067	-0.283	-0.162
ITEM(46)	-0.064	0.045	0.019	0.070	-0.012
ITEM(47)	-0.114	0.022	0.129	0.155	0.124
ITEM(48)	0.095	-0.004	0.107	0.041	0.018
ITEM(49)	-0.139	-0.191	0.123	-0.128	0.084
ITEM(50)	0.128	-0.106	-0.061	0.158	0.039
ITEM(51)	0.031	-0.058	0.065	-0.009	-0.013
ITEM(52)	0.078	0.071	0.109	-0.058	0.032
ITEM(53)	0.080	0.021	0.035	0:076	-0.071

COMPONENT LOADINGS

	16	17	18	19	20
ITEM(54)	-0.040	-0.184	0.027	-0.049	-0.073
ITEM(55)	0.013	0.044	0.015	-0.006	0.010
ITEM(56)	0.018	0.063	0.013	0.019	-0.032
ITEM(57)	-0.036	-0.112	0.041	-0.058	-0.032
ITEM(58)	0.003	0.020	0.013	-0.021	-0.008
ITEM(59)	0.029	0.052	0.013	0.038	-0.004
ITEM(60)	0.020	0.035	0.031	-0.055	0.031
ITEM(61)	0.075	0.005	-0.003	-0.092	-0.136
ITEM(62)	-0.063	-0.081	-0.021	0.126	-0.018
ITEM(63)	0.028	0.004	-0.195	0.157	-0.189
ITEM(64)	0.362	-0.155	0.079	0.035	0.084
ITEM(65)	0.010	-0.003	0.132	0.097	0.206
ITEM(66)	-0.118	0.056	-0.310	0.119	0.029
ITEM(67)	-0.084	-0.230	0.080	0.039	0.039

COMPONENT LOADINGS

	21	22	23	24	25
ITEM(1)	0.233	-0.179	-0.034	0.215	-0.031
ITEM(2)	0.034	0.011	-0.180	-0.084	0.064
ITEM(3)	0.024	-0.288	-0.000	-0.203	-0.223
ITEM(4)	0.077	0.105	-0.085	-0.155	0.080
ITEM(5)	-0.331	0.179	0.023	-0.098	0.059
ITEM(6)	0.001	0.025	0.182	0.176	0.144
ITEM(7)	-0.134	0.096	-0.189	0.034	-0.008
ITEM(8)	-0.049	0.028	-0.087	-0.135	0.137
ITEM(9)	-0.173	-0.017	0.031	-0.059	-0.266
ITEM(10)	-0.148	0.190	-0.094	0.053	-0.127
ITEM(11)	0.019	-0.242	-0.152	-0.273	-0.037
ITEM(12)	-0.090	-0.077	-0.108	0.043	-0.083
ITEM(13)	-0.043	-0.138	0.071	0.144	0.043
ITEM(14)	-0.252	-0.256	-0.064	0.055	0.010
ITEM(15)	-0.327	0.123	0.035	0.186	0.126
ITEM(16)	-0.196	-0.061	0.027	0.186	0.037
ITEM(17)	-0.246	-0.111	0.116	-0.212	0.179
ITEM(18)	0.192	-0.029	0.081	-0.000	0.075
ITEM(19)	0.085	-0.090	-0.305	-0.071	0.267
ITEM(20)	-0.062	-0.035	0.104	0.035	-0.082
ITEM(21)	-0.084	-0.056	-0.063	-0.251	-0.058
ITEM(22)	0.037	0.100	0.118	-0.024	0.213
ITEM(23)	0.214	0.132	0.011	0.112	0.076
ITEM(24)	0.075	0.107	-0.041	-0.050	-0.167
ITEM(25)	-0.016	-0.047	-0.067	-0.071	-0.096
ITEM(26)	0.027	-0.199	-0.264	0.188	-0.073
ITEM(27)	0.067	0.020	-0.017	0.103	0.058
ITEM(28)	0.199	0.032	0.085	-0.062	-0.098
ITEM(29)	0.148	-0.133	0.044	-0.182	0.028
ITEM(30)	0.068	0.171	-0.154	0.129	-0.329
ITEM(31)	-0.126	-0.414	-0.023	0.056	0.087
ITEM(32)	0.137	0.086	0.072	-0.097	0.091
ITEM(33)	0.038	0.123	-0.080	-0.129	0.040
ITEM(34)	-0.041	0.022	0.376	0.032	-0.136
ITEM(35)	-0.033	-0.012	-0.238	0.010	-0.020
ITEM(36)	0.118	-0.082	-0.024	-0.014	0.026
ITEM(37)	-0.179	0.067	0.018	0.035	-0.049
ITEM(38)	0.039	0.053	0.227	-0.129	0.098
ITEM(39)	-0.085	-0.136	0.043	0.090	0.009
ITEM(40)	0.018	0.160	-0.057	0.135	0.175
ITEM(41)	-0.160	0.027	-0.005	0.014	0.101
ITEM(42)	-0.014	-0.042	-0.161	0.276	0.136
ITEM(43)	0.109	-0.008	-0.047	-0.104	0.054
ITEM(44)	0.084	-0.125	0.101	0.091	-0.085
ITEM(45)	0.115	-0.036	0.013	-0.093	0.336
ITEM(46)	0.107	0.223	0.218	0.084	0.067
ITEM(47)	0.095	0.079	-0.109	-0.074	-0.100
ITEM(48)	0.158	-0.018	0.026	0.108	-0.230
ITEM(49)	0.181	0.009	0.098	0.063	-0.055
ITEM(50)	-0.212	0.024	0.194	-0.200	-0.116
ITEM(51)	0.059	0.118	0.024	-0.188	0.110
ITEM(52)	0.024	-0.043	0.073	0.044	-0.099
ITEM(53)	0.127	-0.007	0.018	0.036	-0.083

COMPONENT LOADINGS

	21	22	23	24	25
ITEM(54)	0.025	-0.098	0.070	0.001	0.075
ITEM(55)	-0.053	0.077	-0.029	0.033	-0.023
ITEM(56)	-0.043	0.031	-0.029	0.017	0.003
ITEM(57)	0.008	-0.140	0.028	-0.026	0.043
ITEM(58)	-0.041	0.025	-0.035	0.064	-0.009
ITEM(59)	-0.053	0.025	-0.008	-0.031	0.002
ITEM(60)	0.023	-0.022	0.041	-0.086	-0.008
ITEM(61)	-0.105	-0.133	0.272	0.110	-0.007
ITEM(62)	-0.049	0.126	-0.115	0.062	-0.098
ITEM(63)	0.052	0.054	-0.068	0.014	0.054
ITEM(64)	0.000	0.026	0.044	-0.194	-0.119
ITEM(65)	0.014	0.086	0.018	-0.087	-0.166
ITEM(66)	0.131	-0.251	0.209	0.029	0.028
ITEM(67)	0.044	-0.052	0.024	0.168	0.009

COMPONENT LOADINGS

	26	27	28	29	30
ITEM(1)	-0.143	-0.039	0.126	-0.106	0.149
ITEM(2)	-0.091	0.026	-0.054	0.092	-0.037
ITEM(3)	0.077	0.015	-0.157	0.035	-0.215
ITEM(4)	0.037	0.109	-0.116	-0.163	-0.060
ITEM(5)	0.124	0.077	0.078	0.161	-0.086
ITEM(6)	-0.028	0.091	0.168	0.002	-0.195
ITEM(7)	0.025	-0.191	0.068	0.193	-0.117
ITEM(8)	-0.086	0.228	0.169	0.239	-0.123
ITEM(9)	-0.102	0.223	0.030	0.125	0.220
ITEM(10)	-0.028	0.340	-0.033	-0.079	0.046
ITEM(11)	-0.097	0.024	0.014	-0.018	0.063
ITEM(12)	0.006	0.120	-0.045	0.033	0.203
ITEM(13)	0.128	0.034	-0.172	0.116	0.151
ITEM(14)	-0.035	-0.071	-0.060	-0.101	-0.049
ITEM(15)	0.015	-0.090	0.011	0.037	0.193
ITEM(16)	0.251	-0.056	-0.001	-0.220	0.071
ITEM(17)	-0.240	-0.016	0.106	-0.235	0.022
ITEM(18)	0.016	0.147	-0.010	0.116	0.256
ITEM(19)	0.056	-0.006	-0.225	-0.053	0.001
ITEM(20)	-0.087	-0.127	0.046	-0.057	0.053
ITEM(21)	-0.115	0.005	-0.105	-0.137	-0.073
ITEM(22)	-0.181	-0.182	0.046	-0.069	-0.020
ITEM(23)	-0.043	-0.009	-0.271	-0.073	-0.045
ITEM(24)	-0.096	-0.197	0.115	0.082	0.081
ITEM(25)	-0.148	-0.085	0.223	-0.042	0.010
ITEM(26)	0.074	-0.048	-0.080	0.130	-0.009
ITEM(27)	0.143	0.102	-0.049	0.088	0.053
ITEM(28)	0.048	-0.111	0.054	0.009	-0.216
ITEM(29)	0.104	-0.025	0.137	0.001	0.089
ITEM(30)	-0.325	0.115	-0.075	-0.039	-0.068
ITEM(31)	-0.006	0.008	0.045	0.175	-0.027
ITEM(32)	0.145	0.149	-0.071	-0.177	-0.000
ITEM(33)	0.226	0.035	0.013	-0.160	-0.021
ITEM(34)	-0.050	-0.223	-0.224	-0.013	0.141
ITEM(35)	0.092	-0.106	-0.125	-0.213	0.021
ITEM(36)	0.154	0.011	0.027	0.077	0.127
ITEM(37)	-0.018	-0.022	-0.047	0.158	-0.104
ITEM(38)	-0.285	0.060	-0.254	0.173	0.096
ITEM(39)	-0.063	0.128	-0.027	0.118	-0.287
ITEM(40)	-0.124	0.143	0.225	-0.122	-0.033
ITEM(41)	-0.010	-0.138	-0.062	-0.167	-0.188
ITEM(42)	0.055	-0.101	0.153	0.038	0.104
ITEM(43)	-0.179	-0.288	0.073	0.201	0.063
ITEM(44)	0.007	0.219	-0.009	-0.039	-0.046
ITEM(45)	-0.057	0.183	0.141	0.024	0.019
ITEM(46)	0.023	-0.080	-0.112	0.145	-0.037
ITEM(47)	0.003	-0.166	0.211	0.001	0.030
ITEM(48)	0.121	-0.067	0.122	0.042	-0.268
ITEM(49)	0.245	0.059	0.088	0.055	-0.028
ITEM(50)	0.283	0.029	0.048	0.080	0.086
ITEM(51)	0.161	-0.110	0.024	0.145	-0.031
ITEM(52)	-0.026	0.032	0.035	-0.140	0.020
ITEM(53)	0.010	0.094	0.023	-0.080	0.068

COMPONENT LOADINGS

	26	27	28	29	30
ITEM(54)	-0.080	-0.003	-0.101	0.122	0.030
ITEM(55)	0.034	0.004	0.035	0.019	0.003
ITEM(56)	0.024	-0.002	0.064	-0.014	0.006
ITEM(57)	-0.028	0.000	-0.076	0.070	0.021
ITEM(58)	0.008	0.000	0.003	0.019	0.017
ITEM(59)	0.020	-0.050	0.009	-0.015	0.008
ITEM(60)	0.089	-0.008	0.008	-0.013	-0.003
ITEM(61)	-0.057	0.064	0.071	-0.125	-0.201
ITEM(62)	-0.050	0.106	0.106	0.095	0.005
ITEM(63)	-0.074	0.103	-0.050	0.083	-0.015
ITEM(64)	0.065	-0.003	0.238	-0.126	0.220
ITEM(65)	-0.009	0.048	-0.032	-0.041	-0.023
ITEM(66)	0.002	0.091	0.181	-0.006	-0.045
ITEM(67)	-0.134	0.003	0.020	-0.107	0.080

COMPONENT LOADINGS

	31	32	33	34	35
ITEM(1)	0.053	-0.138	-0.079	-0.126	0.110
ITEM(2)	0.104	0.037	0.081	-0.017	0.038
ITEM(3)	0.043	-0.044	0.061	0.045	-0.015
ITEM(4)	-0.117	0.079	0.056	-0.083	0.204
ITEM(5)	-0.154	-0.028	0.171	0.038	0.051
ITEM(6)	-0.021	-0.168	0.124	-0.005	-0.102
ITEM(7)	0.086	-0.032	-0.075	0.026	0.215
ITEM(8)	-0.119	-0.077	-0.252	0.115	0.062
ITEM(9)	0.079	-0.055	0.127	-0.119	-0.082
ITEM(10)	0.009	0.175	-0.122	-0.105	0.054
ITEM(11)	0.049	0.083	-0.024	0.066	0.135
ITEM(12)	-0.019	0.085	0.026	0.153	-0.094
ITEM(13)	-0.061	0.028	0.018	-0.019	-0.079
ITEM(14)	-0.053	0.210	-0.092	-0.077	0.037
ITEM(15)	-0.202	-0.242	-0.146	-0.065	0.058
ITEM(16)	0.275	-0.113	-0.148	0.182	0.173
ITEM(17)	0.054	-0.167	-0.007	-0.177	0.048
ITEM(18)	-0.036	0.023	0.192	0.096	0.018
ITEM(19)	-0.104	-0.168	0.108	0.094	-0.103
ITEM(20)	-0.106	0.024	0.253	-0.090	0.031
ITEM(21)	-0.052	-0.129	0.233	-0.026	-0.083
ITEM(22)	0.093	0.356	-0.027	0.166	0.073
ITEM(23)	-0.182	-0.006	0.033	-0.114	-0.006
ITEM(24)	-0.168	0.185	0.131	-0.112	-0.158
ITEM(25)	0.234	-0.161	-0.030	-0.148	-0.141
ITEM(26)	0.003	0.110	0.002	-0.217	0.058
ITEM(27)	0.296	0.113	-0.138	0.015	-0.340
ITEM(28)	-0.080	-0.274	-0.148	-0.074	-0.036
ITEM(29)	-0.050	-0.058	0.063	0.052	-0.010
ITEM(30)	0.114	-0.027	0.061	0.164	-0.003
ITEM(31)	-0.044	0.030	0.051	0.017	-0.163
ITEM(32)	0.128	0.043	-0.133	-0.092	0.070
ITEM(33)	0.016	0.060	0.057	-0.142	0.011
ITEM(34)	-0.121	-0.005	-0.141	0.187	-0.143
ITEM(35)	0.011	-0.102	-0.159	0.094	-0.114
ITEM(36)	-0.090	-0.122	-0.029	0.348	0.223
ITEM(37)	0.107	0.067	-0.156	0.151	-0.022
ITEM(38)	0.092	-0.119	-0.204	-0.140	0.058
ITEM(39)	0.010	0.043	0.098	0.049	-0.011
ITEM(40)	-0.082	-0.022	-0.000	0.063	-0.200
ITEM(41)	-0.178	0.215	-0.014	0.016	-0.180
ITEM(42)	0.033	0.002	-0.060	-0.198	0.078
ITEM(43)	-0.102	0.095	-0.040	0.027	0.083
ITEM(44)	-0.128	0.004	-0.084	-0.075	-0.027
ITEM(45)	0.098	0.137	0.053	0.082	-0.032
ITEM(46)	0.182	0.046	0.306	-0.088	0.128
ITEM(47)	0.038	-0.049	0.006	0.186	-0.073
ITEM(48)	0.032	0.023	-0.017	-0.075	0.109
ITEM(49)	-0.152	-0.052	0.042	-0.030	-0.114
ITEM(50)	0.037	0.047	-0.047	-0.119	0.117
ITEM(51)	0.255	-0.025	-0.059	-0.073	-0.168
ITEM(52)	0.088	0.094	-0.107	0.045	-0.002
ITEM(53)	-0.091	-0.000	-0.108	0.068	0.029

COMPONENT LOADINGS

	31	32	33	34	35
ITEM(54)	0.076	-0.034	0.073	-0.014	-0.002
ITEM(55)	0.003	-0.001	0.010	0.010	0.019
ITEM(56)	-0.021	0.024	0.014	0.004	0.001
ITEM(57)	0.079	-0.050	0.020	-0.029	0.012
ITEM(58)	0.009	0.002	0.019	-0.010	-0.007
ITEM(59)	-0.019	0.020	-0.013	0.004	0.003
ITEM(60)	0.003	0.029	-0.022	-0.022	0.031
ITEM(61)	0.077	-0.056	0.043	0.175	-0.003
ITEM(62)	-0.087	0.019	0.111	0.041	0.026
ITEM(63)	-0.079	-0.126	0.022	-0.013	0.027
ITEM(64)	-0.064	0.059	0.023	0.020	-0.104
ITEM(65)	-0.055	-0.006	-0.100	0.112	0.129
ITEM(66)	-0.139	0.192	-0.093	-0.070	0.128
ITEM(67)	0.093	-0.016	0.110	0.074	0.164

COMPONENT LOADINGS

	36	37	38	39	40
ITEM(1)	0.082	-0.076	0.090	0.060	-0.000
ITEM(2)	0.089	-0.062	-0.126	0.029	0.067
ITEM(3)	-0.076	-0.148	0.123	0.034	-0.044
ITEM(4)	0.023	0.150	-0.044	-0.228	-0.085
ITEM(5)	-0.132	-0.055	-0.171	-0.021	-0.156
ITEM(6)	0.077	0.163	0.026	0.139	-0.129
ITEM(7)	-0.054	0.081	0.104	-0.040	0.065
ITEM(8)	0.155	0.022	0.090	-0.022	0.035
ITEM(9)	0.029	-0.018	0.133	-0.006	-0.168
ITEM(10)	-0.044	-0.119	-0.162	0.084	0.163
ITEM(11)	0.016	0.078	0.043	0.192	-0.022
ITEM(12)	0.054	0.057	0.163	-0.119	0.058
ITEM(13)	0.085	-0.048	-0.052	0.202	0.182
ITEM(14)	0.025	0.177	0.043	0.122	-0.112
ITEM(15)	0.045	-0.098	-0.043	0.068	-0.064
ITEM(16)	0.087	0.044	0.029	0.000	-0.227
ITEM(17)	-0.024	-0.070	-0.067	0.049	-0.144
ITEM(18)	0.145	-0.112	-0.035	0.014	-0.075
ITEM(19)	0.068	0.091	0.204	-0.151	0.034
ITEM(20)	0.202	0.080	-0.018	0.102	0.180
ITEM(21)	0.061	0.053	-0.106	-0.066	0.110
ITEM(22)	-0.019	-0.063	-0.045	0.076	-0.070
ITEM(23)	-0.102	0.079	-0.106	-0.101	-0.022
ITEM(24)	0.235	0.091	-0.155	-0.049	-0.087
ITEM(25)	-0.235	0.223	0.016	-0.023	0.102
ITEM(26)	-0.056	0.020	0.062	0.094	0.017
ITEM(27)	0.026	0.137	-0.087	-0.044	-0.231
ITEM(28)	0.127	-0.068	0.054	0.155	-0.028
ITEM(29)	-0.074	-0.220	0.135	0.117	0.015
ITEM(30)	0.096	0.063	0.059	0.078	-0.060
ITEM(31)	-0.076	0.044	-0.206	-0.129	-0.035
ITEM(32)	0.200	-0.041	0.115	-0.092	0.033
ITEM(33)	-0.080	-0.022	-0.001	0.075	-0.133
ITEM(34)	-0.187	-0.062	0.196	-0.121	-0.078
ITEM(35)	-0.053	-0.197	-0.252	0.122	0.078
ITEM(36)	-0.056	0.339	-0.191	0.115	0.035
ITEM(37)	0.124	0.018	0.031	-0.003	0.094
ITEM(38)	0.033	0.110	-0.086	-0.009	-0.029
ITEM(39)	-0.067	-0.272	-0.070	-0.157	0.027
ITEM(40)	-0.009	0.119	0.137	-0.068	0.082
ITEM(41)	-0.013	0.038	0.215	0.106	0.066
ITEM(42)	0.035	-0.149	0.010	-0.233	0.096
ITEM(43)	0.003	-0.069	0.053	-0.073	-0.071
ITEM(44)	-0.244	0.035	-0.032	0.038	-0.089
ITEM(45)	-0.042	-0.162	0.123	0.089	-0.039
ITEM(46)	-0.113	-0.013	0.035	0.126	0.092
ITEM(47)	-0.001	-0.168	-0.171	-0.085	-0.072
ITEM(48)	0.069	0.002	-0.010	-0.187	-0.167
ITEM(49)	0.045	0.032	-0.017	0.124	0.106
ITEM(50)	0.071	0.054	0.172	-0.155	0.137
ITEM(51)	-0.159	0.104	-0.059	0.069	0.163
ITEM(52)	0.112	-0.108	-0.085	0.030	0.067
ITEM(53)	-0.080	-0.011	-0.030	-0.112	-0.112

COMPONENT LOADINGS

	36	37	38	39	40
ITEM(54)	0.042	0.011	-0.082	-0.075	0.000
ITEM(55)	-0.001	0.028	0.020	0.032	0.011
ITEM(56)	-0.027	-0.000	0.006	0.029	-0.034
ITEM(57)	0.073	-0.023	-0.017	-0.072	0.010
ITEM(58)	-0.027	-0.001	0.005	0.046	-0.004
ITEM(59)	0.059	-0.005	0.026	0.037	-0.053
ITEM(60)	0.074	-0.009	0.005	-0.029	-0.021
ITEM(61)	0.157	0.007	-0.077	-0.120	0.245
ITEM(62)	-0.160	-0.018	0.160	0.137	-0.038
ITEM(63)	-0.121	-0.088	0.033	-0.042	0.041
ITEM(64)	-0.076	0.029	-0.043	-0.155	0.141
ITEM(65)	-0.065	0.011	-0.061	0.040	0.050
ITEM(66)	-0.072	0.129	-0.074	0.026	0.013
ITEM(67)	-0.291	0.027	0.043	-0.128	0.164

COMPONENT LOADINGS

	41	42	43	44	45
ITEM(1)	-0.047	0.102	0.014	-0.034	-0.165
ITEM(2)	0.177	-0.193	0.106	0.094	0.102
ITEM(3)	0.004	-0.098	0.095	-0.137	-0.122
ITEM(4)	0.023	-0.070	-0.069	-0.217	-0.001
ITEM(5)	-0.171	0.128	-0.077	-0.059	-0.034
ITEM(6)	0.086	0.010	0.062	-0.178	0.022
ITEM(7)	0.020	-0.170	-0.101	-0.019	-0.043
ITEM(8)	-0.138	0.106	0.078	0.023	0.183
ITEM(9)	0.114	0.044	0.078	0.125	-0.041
ITEM(10)	-0.003	0.052	0.029	-0.103	0.138
ITEM(11)	-0.055	0.186	0.121	0.019	-0.089
ITEM(12)	-0.066	0.220	-0.155	0.054	0.103
ITEM(13)	0.011	-0.039	-0.106	-0.103	0.250
ITEM(14)	0.122	0.041	-0.069	-0.214	0.006
ITEM(15)	0.099	0.066	0.099	-0.006	-0.210
ITEM(16)	-0.030	-0.049	-0.037	0.211	0.055
ITEM(17)	-0.107	-0.036	-0.132	-0.017	0.133
ITEM(18)	-0.001	-0.118	-0.138	-0.179	-0.085
ITEM(19)	-0.021	0.008	-0.066	-0.080	0.068
ITEM(20)	-0.157	0.044	0.120	0.012	-0.055
ITEM(21)	-0.033	0.063	0.184	0.065	0.020
ITEM(22)	0.018	0.140	0.031	0.010	0.038
ITEM(23)	0.038	0.092	0.116	0.177	0.009
ITEM(24)	0.159	0.032	0.024	0.002	0.002
ITEM(25)	0.061	-0.027	-0.081	0.067	0.110
ITEM(26)	-0.078	0.075	-0.002	0.038	0.038
ITEM(27)	-0.059	0.011	0.196	-0.078	0.030
ITEM(28)	0.074	-0.025	0.037	-0.166	0.187
ITEM(29)	0.034	0.039	-0.064	0.147	0.130
ITEM(30)	-0.062	-0.097	-0.267	-0.112	-0.130
ITEM(31)	0.186	-0.066	-0.074	0.045	0.025
ITEM(32)	0.044	0.058	0.028	0.074	-0.166
ITEM(33)	0.132	-0.025	-0.105	0.090	-0.007
ITEM(34)	0.006	0.009	0.054	-0.086	0.106
ITEM(35)	-0.093	-0.019	-0.051	0.036	-0.012
ITEM(36)	0.006	-0.078	0.063	0.056	-0.010
ITEM(37)	-0.113	-0.036	0.029	0.082	-0.075
ITEM(38)	-0.061	-0.144	-0.050	0.145	-0.028
ITEM(39)	0.065	0.069	-0.087	0.114	-0.108
ITEM(40)	0.089	0.019	-0.078	0.119	-0.009
ITEM(41)	-0.113	-0.240	0.055	0.109	-0.110
ITEM(42)	0.003	-0.179	0.049	-0.080	0.007
ITEM(43)	0.078	0.060	-0.193	0.076	-0.015
ITEM(44)	-0.075	-0.062	-0.131	-0.001	-0.128
ITEM(45)	0.089	-0.086	0.080	-0.066	-0.020
ITEM(46)	-0.097	-0.023	-0.075	-0.007	0.130
ITEM(47)	-0.052	-0.025	0.134	-0.129	-0.102
ITEM(48)	-0.150	0.112	0.022	0.063	0.182
ITEM(49)	0.025	0.049	-0.122	0.140	-0.123
ITEM(50)	0.114	-0.043	0.051	-0.067	-0.033
ITEM(51)	0.007	0.171	-0.099	-0.106	-0.209
ITEM(52)	0.006	-0.058	-0.017	0.049	0.096
ITEM(53)	-0.011	-0.092	0.003	0.042	0.071

COMPONENT LOADINGS

	41	42	43	44	45
ITEM(54)	-0.084	-0.122	0.052	0.006	-0.006
ITEM(55)	-0.015	0.037	-0.010	-0.038	0.027
ITEM(56)	-0.007	0.030	-0.038	-0.018	0.029
ITEM(57)	-0.041	-0.037	0.016	0.000	-0.059
ITEM(58)	-0.003	0.032	0.013	-0.064	0.011
ITEM(59)	0.021	0.050	-0.082	-0.001	0.032
ITEM(60)	0.018	0.037	-0.050	0.049	0.005
ITEM(61)	0.107	0.028	-0.065	-0.022	-0.037
ITEM(62)	0.021	-0.233	0.224	0.081	0.024
ITEM(63)	-0.090	0.097	0.014	-0.028	-0.037
ITEM(64)	-0.223	-0.188	-0.058	-0.064	0.022
ITEM(65)	0.406	-0.017	-0.036	0.026	0.027
ITEM(66)	-0.145	-0.073	0.027	0.046	-0.068
ITEM(67)	0.097	0.174	0.190	-0.140	0.024

COMPONENT LOADINGS

	46	47	48	49	50
ITEM(1)	0.047	0.127	0.210	0.099	0.003
ITEM(2)	0.127	-0.031	0.080	-0.099	0.088
ITEM(3)	-0.086	0.026	-0.139	-0.022	-0.024
ITEM(4)	0.053	0.026	-0.041	-0.014	-0.071
ITEM(5)	0.011	-0.074	0.003	0.006	0.039
ITEM(6)	0.126	-0.019	-0.039	0.055	-0.031
ITEM(7)	0.159	0.042	-0.031	-0.021	0.104
ITEM(8)	-0.064	-0.015	0.117	-0.157	-0.010
ITEM(9)	-0.105	0.072	-0.140	-0.009	0.013
ITEM(10)	0.045	-0.038	-0.043	0.161	-0.199
ITEM(11)	-0.034	0.025	0.146	0.055	-0.006
ITEM(12)	0.055	-0.027	-0.020	-0.107	0.074
ITEM(13)	-0.120	0.072	-0.070	-0.084	0.161
ITEM(14)	0.068	0.027	0.060	-0.048	0.170
ITEM(15)	-0.066	0.158	0.026	-0.030	0.013
ITEM(16)	0.003	-0.123	0.032	-0.124	-0.110
ITEM(17)	-0.072	-0.091	-0.158	0.165	0.007
ITEM(18)	0.063	0.055	0.086	0.006	0.001
ITEM(19)	-0.088	0.041	-0.063	0.044	-0.044
ITEM(20)	0.196	-0.130	-0.076	0.029	-0.001
ITEM(21)	0.135	0.056	0.215	-0.133	-0.030
ITEM(22)	-0.183	-0.023	-0.007	-0.210	-0.104
ITEM(23)	0.007	0.016	-0.039	0.090	0.023
ITEM(24)	-0.262	0.012	-0.108	-0.060	0.002
ITEM(25)	-0.128	0.064	0.029	-0.100	-0.140
ITEM(26)	0.024	-0.187	0.030	0.004	-0.125
ITEM(27)	0.092	0.103	0.015	0.184	-0.005
ITEM(28)	-0.012	0.040	-0.050	-0.119	-0.084
ITEM(29)	0.013	0.008	-0.073	0.156	0.205
ITEM(30)	-0.104	-0.127	0.015	0.049	0.029
ITEM(31)	0.088	-0.076	0.045	0.046	-0.034
ITEM(32)	-0.011	0.005	-0.204	-0.101	0.034
ITEM(33)	0.027	0.097	0.071	-0.071	0.143
ITEM(34)	0.072	-0.139	0.106	0.000	-0.077
ITEM(35)	0.053	0.084	-0.056	-0.021	-0.070
ITEM(36)	-0.210	0.024	-0.072	0.169	-0.076
ITEM(37)	0.119	0.161	-0.135	0.008	0.056
ITEM(38)	0.067	-0.198	0.014	-0.032	0.144
ITEM(39)	-0.104	0.102	0.031	0.045	-0.005
ITEM(40)	0.010	0.065	0.092	0.062	0.075
ITEM(41)	-0.158	-0.045	0.088	0.135	0.041
ITEM(42)	-0.150	-0.157	0.013	-0.025	0.004
ITEM(43)	0.229	0.154	-0.135	0.094	-0.256
ITEM(44)	0.002	0.094	0.071	-0.246	-0.094
ITEM(45)	0.051	-0.154	0.006	0.012	-0.097
ITEM(46)	-0.063	0.215	0.182	0.032	-0.006
ITEM(47)	-0.004	-0.119	0.107	-0.051	0.146
ITEM(48)	-0.023	-0.029	0.014	0.128	0.122
ITEM(49)	0.073	-0.265	-0.029	-0.093	-0.107
ITEM(50)	-0.081	-0.003	0.178	0.088	-0.125
ITEM(51)	-0.026	-0.099	-0.064	-0.011	0.070
ITEM(52)	-0.010	0.026	0.043	0.066	-0.038
ITEM(53)	0.039	0.030	0.002	-0.113	0.069

COMPONENT LOADINGS

	46	47	48	49	50
ITEM(54)	-0.101	0.056	0.004	-0.057	-0.029
ITEM(55)	0.013	-0.021	-0.009	-0.011	0.018
ITEM(56)	0.030	0.027	0.016	-0.031	0.012
ITEM(57)	-0.070	0.004	-0.002	0.007	-0.022
ITEM(58)	0.006	0.001	0.015	-0.063	0.007
ITEM(59)	0.013	-0.017	-0.018	0.014	0.042
ITEM(60)	0.034	-0.018	0.020	0.053	-0.039
ITEM(61)	0.000	0.054	-0.051	0.008	-0.032
ITEM(62)	0.073	0.031	-0.157	-0.046	-0.058
ITEM(63)	-0.151	-0.097	0.063	0.090	0.023
ITEM(64)	0.062	0.078	-0.008	0.004	0.029
ITEM(65)	0.002	-0.103	0.130	0.122	0.085
ITEM(66)	-0.011	0.068	-0.063	-0.028	0.097
ITEM(67)	0.045	-0.032	-0.201	-0.062	0.145

COMPONENT LOADINGS

	51	52	53	54	55
ITEM(1)	0.014	0.015	-0.072	-0.081	0.013
ITEM(2)	-0.112	-0.045	0.150	0.210	-0.049
ITEM(3)	0.111	0.002	-0.034	-0.086	0.003
ITEM(4)	0.179	-0.149	0.085	-0.130	-0.032
ITEM(5)	-0.111	-0.002	-0.131	0.001	0.024
ITEM(6)	-0.021	-0.060	0.071	0.043	0.015
ITEM(7)	-0.103	0.081	0.069	-0.037	0.067
ITEM(8)	0.033	-0.030	0.006	0.017	0.053
ITEM(9)	0.000	-0.056	0.099	0.065	0.159
ITEM(10)	0.059	0.156	0.046	0.118	0.022
ITEM(11)	-0.090	-0.070	0.014	-0.006	-0.134
ITEM(12)	-0.077	0.042	0.032	-0.131	0.099
ITEM(13)	0.079	0.056	-0.048	-0.084	-0.172
ITEM(14)	-0.115	-0.069	-0.032	0.072	-0.027
ITEM(15)	0.154	0.040	0.178	0.067	-0.154
ITEM(16)	-0.041	0.087	0.009	-0.011	-0.035
ITEM(17)	0.025	-0.101	-0.050	-0.057	0.033
ITEM(18)	-0.185	0.038	-0.101	0.059	0.026
ITEM(19)	0.000	0.092	0.070	0.058	-0.009
ITEM(20)	-0.069	0.057	-0.074	-0.102	-0.041
ITEM(21)	0.120	0.060	-0.080	0.005	0.017
ITEM(22)	0.080	-0.036	-0.033	-0.113	-0.022
ITEM(23)	-0.260	-0.232	0.025	-0.024	-0.030
ITEM(24)	-0.056	0.061	-0.027	0.013	0.042
ITEM(25)	-0.111	-0.039	0.029	0.044	-0.066
ITEM(26)	0.113	-0.128	0.082	0.023	0.082
ITEM(27)	0.012	0.048	-0.008	-0.151	0.080
ITEM(28)	-0.137	0.048	-0.001	-0.108	0.068
ITEM(29)	0.075	-0.119	-0.010	0.063	0.044
ITEM(30)	0.058	-0.055	0.090	0.007	-0.114
ITEM(31)	0.171	-0.018	-0.061	0.076	-0.063
ITEM(32)	0.022	-0.007	-0.120	0.226	-0.105
ITEM(33)	0.019	0.123	0.100	-0.094	0.112
ITEM(34)	-0.041	-0.056	0.082	0.112	-0.085
ITEM(35)	-0.080	-0.009	0.011	-0.075	0.028
ITEM(36)	-0.018	0.000	-0.037	0.038	0.040
ITEM(37)	0.032	-0.280	-0.129	0.013	0.060
ITEM(38)	0.025	0.157	-0.001	-0.120	0.025
ITEM(39)	-0.165	0.016	0.123	-0.200	-0.149
ITEM(40)	0.113	0.002	-0.112	-0.106	-0.099
ITEM(41)	0.006	0.156	-0.015	0.081	0.154
ITEM(42)	-0.052	-0.130	-0.154	-0.036	0.066
ITEM(43)	0.054	0.148	-0.020	0.031	0.042
ITEM(44)	-0.050	0.042	-0.242	0.144	0.082
ITEM(45)	-0.087	0.017	0.060	0.013	-0.063
ITEM(46)	0.151	-0.116	0.014	0.064	0.080
ITEM(47)	0.111	-0.041	0.071	0.029	0.107
ITEM(48)	0.042	0.174	-0.068	0.140	-0.213
ITEM(49)	0.102	-0.082	0.100	-0.089	0.017
ITEM(50)	-0.073	-0.018	0.014	-0.133	-0.021
ITEM(51)	-0.010	0.041	-0.012	0.047	-0.110
ITEM(52)	-0.059	0.020	0.033	-0.005	0.009
ITEM(53)	0.081	-0.069	0.045	-0.047	0.017

COMPONENT LOADINGS

	51	52	53	54	55
ITEM(54)	0.037	0.060	-0.006	-0.013	-0.021
ITEM(55)	-0.029	0.002	0.033	0.007	0.014
ITEM(56)	-0.016	-0.004	0.044	0.025	0.000
ITEM(57)	0.029	0.032	-0.031	-0.043	0.018
ITEM(58)	-0.011	0.026	0.033	-0.031	0.004
ITEM(59)	-0.037	-0.044	-0.015	0.031	0.024
ITEM(60)	0.017	-0.004	-0.021	0.010	0.017
ITEM(61)	-0.015	-0.015	0.077	0.080	0.155
ITEM(62)	0.004	0.018	-0.118	-0.120	-0.179
ITEM(63)	-0.075	0.068	0.028	0.062	0.089
ITEM(64)	-0.047	-0.047	0.077	0.018	-0.129
ITEM(65)	0.037	0.012	-0.182	-0.089	0.036
ITEM(66)	-0.014	0.066	0.261	-0.032	0.032
ITEM(67)	0.024	0.141	-0.016	-0.019	0.098

COMPONENT LOADINGS

	56	57	58	59	60
ITEM(1)	0.026	0.130	-0.113	-0.094	0.081
ITEM(2)	0.093	-0.132	0.022	0.099	0.015
ITEM(3)	0.012	-0.099	-0.069	0.005	-0.041
ITEM(4)	0.124	-0.048	0.068	-0.103	-0.085
ITEM(5)	-0.079	0.023	-0.154	0.038	0.002
ITEM(6)	0.041	0.027	-0.012	0.023	-0.047
ITEM(7)	-0.011	0.031	0.085	0.094	0.050
ITEM(8)	-0.015	0.032	-0.009	0.040	-0.089
ITEM(9)	0.008	0.005	-0.029	-0.118	-0.029
ITEM(10)	0.060	0.121	0.047	-0.047	0.145
ITEM(11)	0.123	-0.018	0.055	0.108	0.039
ITEM(12)	0.043	0.013	0.049	-0.079	-0.140
ITEM(13)	-0.136	-0.048	0.072	-0.099	0.057
ITEM(14)	-0.094	0.026	-0.197	-0.011	0.039
ITEM(15)	0.065	-0.073	0.026	0.013	-0.114
ITEM(16)	0.034	-0.029	0.063	-0.039	0.022
ITEM(17)	-0.043	0.003	0.085	0.069	0.084
ITEM(18)	0.012	0.012	0.021	-0.039	-0.019
ITEM(19)	-0.014	0.136	-0.065	0.099	0.131
ITEM(20)	0.028	-0.138	0.158	-0.011	0.010
ITEM(21)	0.004	0.076	-0.069	-0.048	0.035
ITEM(22)	0.050	-0.014	-0.010	0.041	0.022
ITEM(23)	-0.131	0.042	0.075	-0.062	-0.072
ITEM(24)	0.091	0.089	-0.014	0.089	0.002
ITEM(25)	-0.069	-0.051	-0.056	-0.108	0.011
ITEM(26)	-0.122	0.049	0.101	0.019	-0.034
ITEM(27)	0.017	-0.091	0.006	0.172	0.016
ITEM(28)	0.012	-0.067	0.054	-0.073	0.006
ITEM(29)	0.107	0.072	0.078	0.140	-0.050
ITEM(30)	-0.030	-0.009	0.017	0.075	-0.078
ITEM(31)	-0.010	-0.047	0.018	-0.041	-0.061
ITEM(32)	-0.201	-0.041	-0.041	0.066	0.042
ITEM(33)	0.070	0.052	0.034	-0.079	0.114
ITEM(34)	0.082	0.095	0.033	0.018	0.104
ITEM(35)	0.032	0.049	-0.090	0.051	-0.252
ITEM(36)	-0.023	0.010	-0.028	-0.075	0.046
ITEM(37)	0.119	-0.043	-0.016	-0.178	0.146
ITEM(38)	-0.006	0.087	-0.116	0.005	-0.045
ITEM(39)	-0.015	0.023	0.011	-0.002	0.126
ITEM(40)	-0.066	-0.078	0.084	0.050	0.013
ITEM(41)	0.013	-0.048	-0.006	-0.109	-0.072
ITEM(42)	0.171	0.044	-0.063	0.020	0.008
ITEM(43)	-0.094	-0.089	-0.027	-0.015	0.005
ITEM(44)	0.041	-0.018	0.194	0.120	-0.026
ITEM(45)	-0.014	0.010	-0.045	-0.208	-0.119
ITEM(46)	-0.035	0.003	-0.097	0.049	-0.077
ITEM(47)	-0.311	0.071	0.134	-0.077	0.071
ITEM(48)	0.091	0.020	-0.044	-0.088	-0.095
ITEM(49)	0.041	-0.053	-0.233	0.087	0.122
ITEM(50)	-0.148	-0.017	0.045	0.103	-0.086
ITEM(51)	0.125	0.112	0.106	-0.096	-0.040
ITEM(52)	-0.102	-0.100	-0.106	0.052	-0.038
ITEM(53)	0.023	-0.060	-0.025	-0.043	0.073

COMPONENT LOADINGS

	56	57	58	59	60
ITEM(54)	0.030	0.015	0.048	0.028	0.045
ITEM(55)	0.019	-0.025	0.008	0.008	0.041
ITEM(56)	-0.005	0.008	-0.032	-0.017	0.040
ITEM(57)	0.017	0.050	0.039	-0.026	-0.018
ITEM(58)	0.020	-0.016	0.011	0.036	0.069
ITEM(59)	0.021	-0.002	-0.028	-0.033	-0.057
ITEM(60)	-0.029	0.046	-0.009	-0.037	-0.072
ITEM(61)	0.038	0.171	0.034	0.051	-0.043
ITEM(62)	-0.039	0.220	-0.035	0.044	-0.020
ITEM(63)	0.052	-0.306	-0.018	-0.035	0.081
ITEM(64)	0.052	-0.061	-0.104	0.015	-0.004
ITEM(65)	0.047	-0.028	0.004	-0.008	-0.007
ITEM(66)	-0.023	0.057	0.034	0.010	-0.005
ITEM(67)	-0.014	-0.084	-0.091	0.068	-0.069

COMPONENT LOADINGS

	61	62	63	64	65
ITEM(1)	-0.026	-0.029	-0.016	-0.013	-0.012
ITEM(2)	0.101	-0.064	0.040	0.005	0.014
ITEM(3)	0.031	-0.011	-0.020	-0.010	-0.008
ITEM(4)	-0.000	0.106	-0.025	-0.005	0.003
ITEM(5)	0.133	-0.019	0.004	0.005	0.005
ITEM(6)	-0.152	0.025	0.013	0.016	-0.007
ITEM(7)	-0.147	0.033	0.026	-0.004	-0.003
ITEM(8)	0.001	0.008	0.010	-0.003	0.004
ITEM(9)	-0.040	0.058	-0.011	0.009	-0.001
ITEM(10)	-0.058	-0.046	0.022	-0.018	0.001
ITEM(11)	0.151	-0.020	0.002	-0.001	-0.004
ITEM(12)	0.064	-0.024	-0.058	0.002	-0.009
ITEM(13)	-0.046	0.004	0.043	0.008	-0.003
ITEM(14)	-0.065	0.001	0.000	0.016	-0.014
ITEM(15)	0.065	0.007	0.010	-0.001	-0.003
ITEM(16)	-0.067	0.032	0.018	0.002	0.001
ITEM(17)	0.058	-0.044	-0.016	0.008	0.001
ITEM(18)	0.074	0.002	-0.006	0.004	0.005
ITEM(19)	-0.024	0.035	0.021	-0.001	-0.002
ITEM(20)	-0.018	-0.050	0.006	-0.008	-0.001
ITEM(21)	-0.146	0.046	0.014	0.000	0.003
ITEM(22)	-0.077	0.018	0.016	0.006	0.002
ITEM(23)	-0.013	0.015	-0.038	0.002	0.004
ITEM(24)	-0.069	-0.009	0.014	0.014	-0.000
ITEM(25)	0.011	-0.028	0.010	-0.000	-0.003
ITEM(26)	0.109	0.015	-0.005	-0.010	-0.000
ITEM(27)	0.019	-0.036	0.028	-0.013	0.002
ITEM(28)	0.134	-0.009	0.011	-0.003	0.004
ITEM(29)	-0.160	0.035	-0.043	0.012	-0.004
ITEM(30)	-0.009	-0.029	0.027	0.010	-0.003
ITEM(31)	0.022	0.009	-0.025	0.000	0.005
ITEM(32)	0.017	-0.044	-0.042	0.001	0.004
ITEM(33)	0.164	0.054	0.023	-0.008	-0.001
ITEM(34)	0.056	0.048	0.033	-0.002	0.004
ITEM(35)	-0.091	-0.041	-0.038	0.016	-0.010
ITEM(36)	0.016	-0.016	-0.007	-0.002	0.011
ITEM(37)	-0.004	0.061	0.011	0.014	-0.004
ITEM(38)	-0.003	0.018	-0.028	0.007	0.001
ITEM(39)	-0.045	-0.032	0.038	-0.006	-0.004
ITEM(40)	0.087	0.033	0.017	-0.005	0.003
ITEM(41)	0.052	-0.070	-0.029	0.009	0.004
ITEM(42)	0.031	0.019	0.011	0.006	-0.008
ITEM(43)	0.014	-0.019	-0.032	0.008	0.006
ITEM(44)	-0.064	0.054	0.022	-0.004	0.001
ITEM(45)	-0.056	-0.029	-0.045	0.004	-0.007
ITEM(46)	0.037	-0.050	0.004	0.005	0.011
ITEM(47)	-0.003	0.032	0.000	-0.010	-0.006
ITEM(48)	0.016	0.001	-0.061	0.006	0.010
ITEM(49)	0.016	0.004	-0.003	-0.016	0.001
ITEM(50)	-0.108	-0.070	-0.044	-0.009	0.002
ITEM(51)	-0.013	0.025	-0.003	-0.002	-0.000
ITEM(52)	0.042	0.315	-0.012	-0.010	0.015
ITEM(53)	-0.068	-0.318	0.009	0.013	0.001

COMPONENT LOADINGS

	61	62	63	64	65
ITEM(54)	0.039	0.017	-0.142	-0.084	-0.148
ITEM(55)	0.014	0.006	-0.127	0.056	-0.075
ITEM(56)	-0.010	-0.004	-0.143	-0.038	0.035
ITEM(57)	0.021	0.001	0.123	0.045	0.186
ITEM(58)	-0.001	-0.003	-0.178	0.114	0.071
ITEM(59)	-0.034	-0.040	0.135	-0.240	0.031
ITEM(60)	0.035	-0.012	0.314	0.123	-0.127
ITEM(61)	0.144	-0.051	-0.040	-0.004	-0.001
ITEM(62)	0.061	0.052	0.032	-0.010	0.002
ITEM(63)	-0.136	0.076	0.054	0.007	-0.012
ITEM(64)	0.028	0.023	0.022	0.005	0.008
ITEM(65)	0.004	0.012	-0.044	-0.000	-0.005
ITEM(66)	-0.037	0.052	0.035	-0.002	0.003
ITEM(67)	0.073	-0.004	0.064	-0.009	-0.004

COMPONENT LOADINGS

	66	67
ITEM(1)	0.008	0.001
ITEM(2)	-0.004	-0.002
ITEM(3)	-0.003	-0.002
ITEM(4)	0.001	0.003
ITEM(5)	0.000	0.001
ITEM(6)	0.001	-0.000
ITEM(7)	-0.004	0.001
ITEM(8)	-0.000	0.001
ITEM(9)	-0.005	0.003
ITEM(10)	-0.001	0.001
ITEM(11)	-0.000	-0.001
ITEM(12)	-0.004	0.001
ITEM(13)	-0.002	-0.004
ITEM(14)	0.001	-0.002
ITEM(15)	-0.002	-0.002
ITEM(16)	-0.003	-0.001
ITEM(17)	0.000	0.001
ITEM(18)	0.000	0.000
ITEM(19)	-0.002	0.001
ITEM(20)	-0.013	-0.000
ITEM(21)	0.008	-0.002
ITEM(22)	-0.002	-0.005
ITEM(23)	-0.000	-0.000
ITEM(24)	0.002	-0.003
ITEM(25)	0.006	0.002
ITEM(26)	-0.002	0.001
ITEM(27)	-0.006	-0.005
ITEM(28)	-0.011	-0.002
ITEM(29)	-0.003	-0.000
ITEM(30)	-0.009	-0.001
ITEM(31)	0.011	0.001
ITEM(32)	0.005	0.002
ITEM(33)	0.013	0.001
ITEM(34)	0.004	-0.001
ITEM(35)	0.005	-0.001
ITEM(36)	-0.000	0.006
ITEM(37)	-0.004	0.004
ITEM(38)	-0.003	-0.000
ITEM(39)	0.003	0.001
ITEM(40)	0.001	0.001
ITEM(41)	-0.002	0.002
ITEM(42)	-0.009	-0.000
ITEM(43)	0.008	-0.000
ITEM(44)	0.003	-0.003
ITEM(45)	0.010	0.003
ITEM(46)	0.006	-0.000
ITEM(47)	0.004	0.003
ITEM(48)	0.005	0.005
ITEM(49)	0.002	-0.001
ITEM(50)	0.000	0.001
ITEM(51)	-0.010	0.002
ITEM(52)	0.006	0.003
ITEM(53)	0.006	-0.002

COMPONENT LOADINGS

	66	67
ITEM(54)	-0.020	0.019
ITEM(55)	0.162	-0.085
ITEM(56)	-0.194	-0.064
ITEM(57)	0.031	-0.047
ITEM(58)	0.014	0.117
ITEM(59)	0.059	0.039
ITEM(60)	-0.056	0.017
ITEM(61)	0.000	0.003
ITEM(62)	0.004	-0.000
ITEM(63)	-0.008	-0.000
ITEM(64)	0.003	0.002
ITEM(65)	-0.009	-0.002
ITEM(66)	0.005	0.001
ITEM(67)	-0.007	-0.001

VARIANCE EXPLAINED BY COMPONENTS

1	2	3	4	5
8.258	5.341	1.954	1.905	1.719
6	7	8	9	10
1.571	1.550	1.479	1.400	1.376
11	12	13	14	15
1.341	1.307	1.290	1.262	1.230
16	17	18	19	20
1.170	1.145	1.100	1.082	1.050
21	22	23	24	25
1.043	1.021	0.993	0.979	0.961
26	27	28	29	30
0.932	0.894	0.872	0.858	0.837
31	32	33	34	35
0.816	0.805	0.791	0.781	0.756
36	37	38	39	40
0.749	0.739	0.718	0.705	0.685
41	42	43	44	45
0.671	0.649	0.621	0.605	0.594
46	47	48	49	50
0.591	0.570	0.558	0.539	0.515
51	52	53	54	55
0.502	0.498	0.484	0.479	0.449
56	57	58	59	60
0.433	0.424	0.397	0.380	0.369
61	62	63	64	65
0.354	0.290	0.268	0.103	0.087
66	67			
0.074	0.030			

PERCENT OF TOTAL VARIANCE EXPLAINED

1	2	3	4	5
12.325	7.972	2.917	2.843	2.565
6	7	8	9	10
2.344	2.313	2.208	2.089	2.053
11	12	13	14	15
2.002	1.950	1.925	1.884	1.836
16	17	18	19	20
1.746	1.709	1.642	1.615	1.567
21	22	23	24	25
1.557	1.524	1.482	1.461	1.434
26	27	28	29	30
1.391	1.334	1.302	1.280	1.250
31	32	33	34	35
1.218	1.202	1.180	1.165	1.129
36	37	38	39	40
1.118	1.103	1.072	1.052	1.022
41	42	43	44	45
1.002	0.969	0.927	0.902	0.886
46	47	48	49	50
0.882	0.851	0.833	0.805	0.769
51	52	53	54	55
0.749	0.743	0.722	0.716	0.670
56	57	58	59	60
0.647	0.633	0.593	0.568	0.550
61	62	63	64	65
0.528	0.432	0.400	0.154	0.130
66	67			
0.111	0.044			

Appendix B

Partial Credit Model Analysis for Global History

TABLE 3.1 Global Form 201 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 9:54 1999 INPUT: 467 PERSONS 30 ITEMS ANALYZED: 464 PERSONS 27 ITEMS 55 CATEGORIES

SUMMARY OF 464 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	17.9	25.8	1.00	.49	1.02	.1	1.03	.1
S.D.	4.9	2.7	.95	.11	.24	1.1	.74	.9

RMSE .50 ADJ.S.D. .81 PERSON SEP 1.62 PERSON SEP REL. .72

MAXIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 27 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	307.5	444.2	.00	.12	.99	.0	1.03	.1
S.D.	78.9	20.0	1.06	.05	.15	2.7	.29	2.7

RMSE .13 ADJ.S.D. 1.05 ITEM SEP 8.07 ITEM SEP REL. .98

LACKING RESPONSES: 3 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 201 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 9:54 1999 INPUT: 467 PERSONS 30 ITEMS ANALYZED: 464 PERSONS 27 ITEMS 55 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	224	464	1.042	.097	1.05	1.5	1.09	1.7	.24	MC1
2	331	464	-.068	.106	1.13	2.4	1.23	2.6	.11	MC2
3	339	464	-.163	.108	1.00	.0	1.00	.0	.27	MC3
4	326	464	-.009	.105	.98	-.4	1.01	.2	.30	MC4
5	240	464	.885	.097	1.09	2.6	1.13	2.4	.17	MC5
6	207	464	1.210	.098	1.05	1.4	1.09	1.7	.23	MC6
7			DROPPED							SPACE
8	360	445	-.645	.124	.79	-3.1	.60	-3.7	.53	CR
9	382	447	-.994	.136	.86	-1.6	.63	-2.7	.43	CR
10	315	443	-.037	.108	.76	-5.2	.68	-4.2	.57	CR
11	312	447	.020	.107	.75	-5.6	.66	-4.7	.58	CR
12	396	435	-1.540	.168	.91	-.7	1.06	.3	.32	CR
13	319	404	-.426	.125	.76	-3.6	.64	-3.4	.55	CR
14	267	401	.239	.110	.93	-1.5	.92	-1.0	.35	CR
15	309	413	-.194	.117	.87	-2.3	.76	-2.6	.43	CR
16	291	408	.000	.113	.78	-4.4	.68	-4.1	-.53	CR
17	326	402	-.587	.130	.93	-.8	.80	-1.6	.33	CR
18			DROPPED							CR
19	393	459	-1.027	.135	1.10	1.1	1.62	3.4	.05	CR
20	451	459	-3.338	.349	.98	.0	1.77	1.3	.02	CR
21	403	457	-1.271	.147	1.12	1.1	1.18	1.0	.06	CR
22	471	453	.892	.064	1.38	6.6	1.54	6.8	.09	CR
23			DROPPED							CR
24	157	448	1.682	.103	1.05	1.1	1.09	1.3	.18	CR
25	194	449	1.284	.100	1.03	.8	1.07	1.3	.21	CR
26	327	449	-.135	.109	1.17	3.1	1.22	2.3	.06	CR
27	243	448	.780	.099	1.11	3.1	1.10	1.8	.15	CR
28	306	449	.115	.105	1.05	1.1	.99	-.1	.21	CR
29	175	449	1.483	.101	1.04	1.0	1.07	1.2	.21	CR
30	239	444	.803	.099	1.06	1.7	1.04	.8	.20	CR

ABLE 3.1 Global Form 202 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
eb 6 10:20 1999 INPUT: 505 PERSONS 29 ITEMS ANALYZED: 504 PERSONS 24 ITEMS 50 CATEGORIES

SUMMARY OF 504 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	16.5	22.9	1.05	.54	1.00	.0	.96	.0
S.D.	3.8	1.8	.95	.09	.27	1.0	.60	.9

RMSE .54 ADJ.S.D. .78 PERSON SEP 1.44 PERSON SEP REL. .68

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 24 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	345.5	481.1	.00	.12	1.00	.2	.96	-.1
S.D.	128.9	27.4	1.33	.04	.07	1.7	.20	1.8

RMSE .13 ADJ.S.D. 1.32 ITEM SEP 10.47 ITEM SEP REL. .99

LACKING RESPONSES: 5 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 202 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:20 1999 INPUT: 505 PERSONS 29 ITEMS ANALYZED: 504 PERSONS 24 ITEMS 50 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	226	504	1.239	.094	1.26	6.9	1.34	6.2	-.03	MC1
2	306	504	.509	.095	1.03	.9	1.01	.2	.23	MC2
3	353	504	.044	.100	.95	-1.1	.86	-1.9	.31	MC3
4	267	504	.867	.093	1.03	1.0	1.04	.9	.22	MC4
5	217	504	1.322	.094	.96	-1.2	.99	-.2	.29	MC5
6	332	504	.258	.097	.92	-2.0	.86	-2.2	.35	MC6
7			DROPPED							SPACE
8	379	490	-.371	.110	.88	-2.0	.75	-2.6	.38	CR
9	467	493	-2.105	.198	.96	-.2	.65	-1.3	.23	CR
10	456	490	-1.812	.175	.94	-.4	.84	-.6	.23	CR
11	467	490	-2.230	.209	.93	-.3	.64	-1.2	.24	CR
12	394	490	-.571	.116	.95	-.7	.81	-1.7	.30	CR
13	459	488	-1.979	.188	.96	-.2	.77	-.8	.20	CR
14			DROPPED							CR
15	328	474	.090	.103	.94	-1.3	.88	-1.6	.33	CR
16	428	481	-1.292	.146	1.03	.3	1.03	.2	.14	CR
17	222	446	1.044	.099	1.09	2.3	1.10	1.9	.17	CR
18	113	471	2.332	.112	1.00	.0	1.00	.0	.24	CR
19			DROPPED							CR
20	394	488	-.591	.117	.98	-.3	.83	-1.5	.27	CR
21	732	476	-.404	.080	1.08	1.2	1.08	.9	.23	CR
22			DROPPED							CR
23	382	501	-.300	.108	1.02	.4	.98	-.1	.22	CR
24	277	477	.660	.097	.97	-.9	.96	-.6	.30	CR
25	294	386	1.890	.091	1.02	.4	1.02	.4	.29	CR
26			DROPPED							CR
27	284	498	.685	.094	1.02	.5	1.06	1.1	.23	CR
28	410	449	-1.567	.166	1.04	.3	1.56	2.3	.09	CR
29	106	435	2.282	.115	1.02	.3	1.08	.8	.17	CR

TABLE 3.1 Global Form 203 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:21 1999 INPUT: 495 PERSONS 47 ITEMS ANALYZED: 495 PERSONS 40 ITEMS 91 CATEGORIES

SUMMARY OF 495 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	29.3	36.9	.67	.37	1.00	.0	.99	.0
S.D.	7.5	4.5	.83	.05	.26	1.1	.42	1.1

RMSE .38 ADJ.S.D. .73 PERSON SEP 1.94 PERSON SEP REL. .79

SUMMARY OF 40 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	362.1	456.4	.00	.11	1.00	-.1	.98	-.1
S.D.	141.7	41.4	1.25	.03	.09	1.6	.18	1.9

RMSE .12 ADJ.S.D. 1.25 ITEM SEP 10.52 ITEM SEP REL. .99

LACKING RESPONSES: 7 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 203 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:21 1999 INPUT: 495 PERSONS 47 ITEMS ANALYZED: 495 PERSONS 40 ITEMS 91 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	158	495	1.499	.100	.96	-.9	1.06	.9	.26	MC1
2	234	495	.776	.094	1.03	.9	1.04	.9	.25	MC2
3	284	495	.323	.095	.93	-2.3	.91	-1.9	.36	MC3
4	287	495	.295	.095	1.16	4.6	1.23	4.6	.08	MC4
5	326	495	-.077	.098	.99	-.3	.98	-.3	.29	MC5
6	99	495	2.189	.116	1.20	2.8	1.52	4.5	-.06	MC6
7			DROPPED							SPACE
8	412	491	2.915	.123	.97	-.3	.90	-.9	.28	CR
9	555	482	.251	.076	.98	-.4	.97	-.5	.35	CR
10	605	467	.025	.070	1.10	1.7	1.05	.8	.29	CR
11	398	397	.696	.067	1.04	.7	1.03	.4	.38	CR
12			DROPPED							CR
13	482	483	.687	.107	1.10	1.2	1.12	1.2	.10	CR
14	356	486	1.425	.077	1.11	1.9	1.14	2.3	.18	CR
15	407	348	.173	.089	.99	-.1	.98	-.2	.34	CR
16	543	352	-.565	.088	.98	-.2	1.05	.5	-.34	CR
17			DROPPED							CR
18	341	464	-.437	.108	.97	-.5	.93	-.9	.27	CR
19	243	459	.556	.097	.92	-2.7	.89	-2.6	.38	CR
20	270	454	.279	.099	.94	-1.8	.91	-1.8	.33	CR
21	291	453	.045	.102	.96	-1.2	.91	-1.6	.32	CR
22	248	456	.496	.098	.92	-2.7	.89	-2.7	.38	CR
23	182	350	.568	.111	.92	-2.3	.91	-1.8	.35	CR
24	225	350	-.007	.115	.91	-2.1	.86	-2.1	.37	CR
25			DROPPED							CR
26	440	469	-2.247	.191	1.00	.1	.98	.0	.16	CR
27	423	470	-1.708	.155	.94	-.5	.83	-1.0	.28	CR
28	403	470	-1.286	.134	.96	-.4	.81	-1.4	.29	CR
29	394	465	-1.197	.131	.92	-.9	.81	-1.5	.34	CR
30	103	463	2.073	.115	1.24	3.5	1.48	4.5	-.05	CR
31			DROPPED							CR
32	421	484	2.135	.128	1.07	.8	1.12	1.0	.10	CR
33	921	469	-2.922	.259	1.00	.0	.77	-.6	.13	CR
34	409	415	.748	.081	1.02	.3	1.02	.4	.30	CR
35			DROPPED							CR
36	[illegible]	[illegible]	.316	.096	1.05	1.4	1.03	.7	.22	CR
37	291	469	.130	.099	1.11	2.8	1.15	2.7	.14	CR
38	374	472	1.057	.063	1.04	.9	1.06	1.0	.34	CR
39			DROPPED							CR
40	[illegible]	[illegible]	-.826	.116	.96	-.7	.97	-.3	.27	CR
41	[illegible]	[illegible]	-1.235	.130	.87	-1.6	.71	-2.4	.41	CR
42	[illegible]	[illegible]	-1.700	.152	1.00	.0	1.01	.1	.18	CR
43	[illegible]	[illegible]	-1.383	.136	.87	-1.4	.68	-2.4	.40	CR
44	[illegible]	[illegible]	-.792	.119	.98	-.3	.93	-.7	.28	CR
45	374	443	-1.130	.133	.88	-1.4	.75	-2.0	.38	CR
46	[illegible]	[illegible]	-.543	.116	.99	-.2	1.04	.5	.24	CR
47	[illegible]	[illegible]	-1.602	.157	.88	-1.0	.67	-2.1	.37	CR

TABLE 3.1 Global Form 204 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.2
Feb 6 10:21 1999 INPUT: 477 PERSONS 34 ITEMS ANALYZED: 475 PERSONS 22 ITEMS 49 CATEGORIES

SUMMARY OF 475 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	17.4	21.2	.98	.50	1.00	.0	.97	.0
S.D.	4.2	2.0	.85	.09	.32	1.0	.51	1.0

RMSE .51 ADJ.S.D. .68 PERSON SEP 1.35 PERSON SEP REL. .64

MAXIMUM EXTREME SCORE: 2 PERSONS

SUMMARY OF 22 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	376.0	456.9	.00	.11	.99	.1	.97	.0
S.D.	173.7	17.6	1.09	.03	.09	1.9	.19	2.1

RMSE .11 ADJ.S.D. 1.08 ITEM SEP 9.63 ITEM SEP REL. .99

LACKING RESPONSES: 12 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 204 first run — R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:21 1999 INPUT: 477 PERSONS 34 ITEMS ANALYZED: 475 PERSONS 22 ITEMS 49 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	213	475	1.155	.095	1.19	5.3	1.23	4.7	-.02	MC1
2	345	475	-.137	.104	.97	-.5	.89	-1.4	.27	MC2
3	186	475	1.412	.096	.98	-.4	1.01	.1	.22	MC3
4	211	475	1.174	.095	.98	-.5	1.01	.3	.23	MC4
5	300	475	.336	.097	1.02	.5	1.06	1.1	.21	MC5
6	362	475	-.338	.109	.99	-.2	.97	-.3	.22	MC6
7			DROPPED							SPACE
8			DROPPED							CR
9			DROPPED							CR
10			DROPPED							CR
11			DROPPED							CR
12	345	474	-.143	.104	.94	-1.2	.90	-1.3	.30	CR
13	269	474	.631	.095	1.04	1.2	1.04	.8	.16	CR
14	637	443	.107	.069	.94	-1.0	.87	-1.4	.35	CR
15			DROPPED							CR
16	406	467	-1.086	.136	1.02	.3	1.18	1.2	-.12	CR
17	799	469	-.508	.080	1.00	.0	.87	-.8	.27	CR
18	529	421	.510	.066	1.06	1.1	1.05	.6	.25	CR
19			DROPPED							CR
20			DROPPED							CR
21			DROPPED							CR
22			DROPPED							CR
23			DROPPED							CR
24	791	464	-.956	.092	1.13	1.6	1.28	2.4	.08	CR
25	178	463	1.440	.098	1.17	4.3	1.29	5.1	-.02	CR
26	167	425	2.441	.086	1.14	1.8	1.23	2.2	.13	CR
27			DROPPED							CR
28	223	440	.910	.098	.90	-3.3	.87	-2.9	.38	CR
29	411	446	-1.677	.173	.90	-.7	.74	-1.2	.30	CR
30	393	442	-1.284	.150	.89	-1.0	.72	-1.7	.34	CR
31	332	440	-.277	.112	.94	-1.0	.92	-.9	.30	CR
32	437	447	-1.537	.163	.91	-.6	.74	-1.3	.30	CR
33	383	447	-.989	.134	.87	-1.5	.71	-2.2	.39	CR
34	396	439	-1.183	.145	.88	-1.2	.67	-2.2	.38	CR

ABLE 3.1 Global Form 205 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
eb 6 11:06 1999 INPUT: 342 PERSONS 8 ITEMS ANALYZED: 332 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 332 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.6	7.0	.54	.78	.93	.0	.97	.1
S.D.	2.2	.1	1.26	.11	.56	.8	.65	.8

RMSE .78 ADJ.S.D. .99 PERSON SEP 1.26 PERSON SEP REL. .61

MAXIMUM EXTREME SCORE: 7 PERSONS
MINIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	266.4	331.1	.00	.12	1.00	.3	.97	-.1
S.D.	151.5	2.1	.91	.03	.13	1.9	.22	1.9

RMSE .12 ADJ.S.D. .90 ITEM SEP 7.49 ITEM SEP REL. .98

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 205 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 11:06 1999 INPUT: 342 PERSONS 8 ITEMS ANALYZED: 332 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	226	332	-.427	.122	.99	-.1	.93	-.6	.27	MC1
2	221	332	-.176	.119	1.17	2.9	1.27	2.4	.12	MC2
3	216	332	-.269	.120	1.09	1.7	1.04	.4	.18	MC3
4	169	332	-1.712	.162	.91	-.7	.61	-1.6	.28	MC4
5	134	332	.947	.119	1.10	1.7	1.22	2.3	.21	MC5
6	169	332	.432	.116	.99	-.2	1.00	.0	.29	MC6
-		DROPPED								SPACE
-	321	316	1.205	.059	.76	-3.4	.75	-3.5	.36	Essay

TABLE 3.1 Global Form 206 first run — R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:50 1999 INPUT: 340 PERSONS 17 ITEMS ANALYZED: 329 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 329 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.8	7.0	.77	.83	.93	-.1	.95	.2
S.D.	1.9	.1	1.26	.08	.68	.9	1.06	.7

RMSE .83 ADJ.S.D. .95 PERSON SEP 1.15 PERSON SEP REL. .57

MAXIMUM EXTREME SCORE: 10 PERSONS
MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	274.7	328.6	.00	.14	.99	.1	.97	.0
S.D.	186.6	1.0	1.63	.07	.10	1.4	.18	1.4

RMSE .16 ADJ.S.D. 1.62 ITEM SEP 10.19 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 206 first run — R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:50 1999 INPUT: 340 PERSONS 17 ITEMS ANALYZED: 329 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	295	329	-1.799	.183	.91	-.6	.64	-1.3	.28	MC1
2	221	329	.182	.119	1.04	.7	1.05	.5	.21	MC2
3	194	329	.289	.118	1.04	.8	1.09	1.0	.19	MC3
4	317	329	-2.981	.285	1.00	.0	.94	.0	.12	MC4
5	103	329	1.660	.124	1.04	.7	1.15	1.1	.17	MC5
6	119	329	1.403	.120	1.10	1.8	1.16	1.4	.13	MC6
7			DROPPED							SPACE
8	694	316	1.245	.063	.79	-2.9	.80	-2.8	.26	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 207 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:53 1999 INPUT: 342 PERSONS 17 ITEMS ANALYZED: 339 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 339 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.6	7.0	.25	.78	.95	.0	.98	.0
S.D.	1.9	.1	1.14	.08	.60	.9	.69	.9

RMSE .79 ADJ.S.D. .82 PERSON SEP 1.05 PERSON SEP REL. .52

MAXIMUM EXTREME SCORE: 2 PERSONS
MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	269.0	338.7	.00	.12	1.00	.3	.98	.1
S.D.	206.2	.7	1.00	.03	.12	2.0	.20	2.0

RMSE .12 ADJ.S.D. 1.00 ITEM SEP 8.38 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 207 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:53 1999 INPUT: 342 PERSONS 17 ITEMS ANALYZED: 339 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	131	339	.762	.115	1.05	1.0	1.17	1.9	.14	MC1
2	151	339	.483	.113	1.21	4.2	1.29	3.4	.00	MC2
3	149	339	.524	.113	1.02	.4	.99	-.1	.17	MC3
4	184	339	-1.198	.132	.93	-.9	.85	-1.0	.25	MC4
5	185	339	-1.902	.161	.93	-.6	.67	-1.5	.26	MC5
6	141	339	.607	.113	1.04	.8	1.09	1.1	.16	MC6
7			DROPPED							SPACE
8	71	337	.724	.062	.80	-2.8	.79	-2.8	.27	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 208 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:54 1999 INPUT: 350 PERSONS 17 ITEMS ANALYZED: 344 PERSONS 7 ITEMS 19 CATEGORIES

SUMMARY OF 344 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.7	7.0	.27	.82	.92	-.1	1.06	.1
S.D.	2.0	.1	1.29	.07	.60	.9	1.31	.9

RMSE .82 ADJ.S.D. 1.00 PERSON SEP 1.22 PERSON SEP REL. .60

MAXIMUM EXTREME SCORE: 6 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	278.7	343.6	.00	.12	.99	-.1	1.12	.6
S.D.	229.9	1.0	1.31	.03	.11	1.8	.24	2.0

RMSE .13 ADJ.S.D. 1.30 ITEM SEP 10.26 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 208 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:54 1999 INPUT: 350 PERSONS 17 ITEMS ANALYZED: 344 PERSONS 7 ITEMS 19 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	163	344	.358	.115	1.09	1.8	1.17	1.9	.19	MC1
2	267	344	-1.250	.133	1.05	.7	1.54	2.7	.16	MC2
3	297	344	-1.923	.158	1.00	.0	1.07	.4	.18	MC3
4	222	344	-.495	.118	.91	-1.7	.87	-1.2	.32	MC4
5	47	344	2.433	.160	1.03	.3	1.16	.7	.19	MC5
6	146	344	.603	.116	1.10	1.8	1.26	2.7	.19	MC6
7			DROPPED							SPACE
8	809	341	.274	.062	.76	-3.4	.77	-3.3	.33	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 209 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:54 1999 INPUT: 345 PERSONS 17 ITEMS ANALYZED: 343 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 343 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.8	7.0	.49	.84	.93	-.1	1.10	.1
S.D.	1.9	.1	1.28	.07	.57	.9	1.18	.9

RMSE .84 ADJ.S.D. .96 PERSON SEP 1.15 PERSON SEP REL. .57

MAXIMUM EXTREME SCORE: 1 PERSONS
MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	282.6	342.7	.00	.12	.99	-.1	1.10	.5
S.D.	187.7	.7	1.15	.02	.13	1.7	.30	2.0

RMSE .12 ADJ.S.D. 1.14 ITEM SEP 9.30 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 209 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:54 1999 INPUT: 345 PERSONS 17 ITEMS ANALYZED: 343 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	198	343	.053	.115	1.02	.3	1.13	1.3	.21	MC1
2	278	343	-1.280	.140	.82	-2.3	.65	-1.9	.36	MC2
3	64	343	2.198	.144	1.14	1.5	1.64	3.0	.08	MC3
4	205	343	-.051	.116	1.09	1.6	1.28	2.6	.15	MC4
5	270	343	-1.117	.135	1.02	.3	1.02	.2	.17	MC5
6	251	343	-.769	.126	1.05	.8	1.20	1.3	.15	MC6
7			DROPPED							SPACE
8	712	341	.966	.068	.78	-3.0	.79	-2.9	.30	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 210 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:55 1999 INPUT: 331 PERSONS 17 ITEMS ANALYZED: 312 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 312 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	6.3	7.0	1.00	.86	.92	-.1	1.00	.1
S.D.	2.3	.1	1.58	.18	.77	1.0	1.23	1.0

RMSE .88 ADJ.S.D. 1.31 PERSON SEP 1.50 PERSON SEP REL. .69

MAXIMUM EXTREME SCORE: 16 PERSONS
MINIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	279.0	311.9	.00	.13	1.00	.0	1.21	.4
S.D.	164.4	.3	1.07	.03	.12	1.5	.39	1.7

RMSE .13 ADJ.S.D. 1.06 ITEM SEP 7.88 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 210 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:55 1999 INPUT: 331 PERSONS 17 ITEMS ANALYZED: 312 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	232	312	-.511	.138	.93	-.9	.83	-.7	.37	MC1
2	196	312	.167	.128	1.03	.6	.94	-.3	.33	MC2
3	270	312	-1.445	.169	.91	-.8	1.61	1.5	.31	MC3
4	263	312	-1.240	.160	1.13	1.3	1.91	2.2	.18	MC4
5	194	312	.202	.127	.94	-.9	.99	.0	.40	MC5
6	131	312	1.294	.129	1.19	2.8	1.35	2.7	.25	MC6
7			DROPPED							SPACE
8	667	311	1.532	.064	.85	-2.1	.82	-2.3	.39	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 211 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:56 1999 INPUT: 351 PERSONS 8 ITEMS ANALYZED: 347 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 347 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFIT
MEAN	5.5	7.0	.20	.80	.94 -.1	1.01 .1
S.D.	2.0	.1	1.23	.07	.54 .9	.90 .9

RMSE .80 ADJ.S.D. .93 PERSON SEP 1.16 PERSON SEP REL. .57

MAXIMUM EXTREME SCORE: 4 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFIT
MEAN	270.3	346.9	.00	.12	1.00 .1	1.02 .0
S.D.	207.4	.3	1.07	.03	.14 2.1	.30 2.3

RMSE .12 ADJ.S.D. 1.06 ITEM SEP 8.89 ITEM SEP REL. .99

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 211 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 7:56 1999 INPUT: 351 PERSONS 8 ITEMS ANALYZED: 347 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFT	PTBIS	NAME
1	100	347	1.262	.123	1.15 2.2	1.50 3.5	.09	MC1
2	235	347	-.688	.120	.98 -.3	.86 -1.3	.27	MC2
3	298	347	-1.907	.156	.86 -1.3	.59 -2.0	.33	MC3
4	215	347	-.388	.116	.95 -.8	.93 -.8	.29	MC4
5	95	347	1.345	.125	1.19 2.7	1.35 2.4	.05	MC5
6	198	347	-.146	.114	1.09 1.8	1.11 1.3	.16	MC6
7			DROPPED					SPACE
8	751	346	.523	.062	.76 -3.5	.77 -3.4	.33	Essay1

TABLE 3.1 Global Form 212 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:14 1999 INPUT: 473 PERSONS 17 ITEMS ANALYZED: 459 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 459 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.2	6.8	.35	.86	.97	.0	.99	.1
S.D.	2.1	.4	1.32	.24	.62	.8	.66	.9

RMSE .90 ADJ.S.D. .97 PERSON SEP 1.08 PERSON SEP REL. .54

MAXIMUM EXTREME SCORE: 12 PERSONS
MINIMUM EXTREME SCORE: 2 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	343.0	444.4	.00	.10	1.00	.1	1.03	.2
S.D.	166.8	35.7	.84	.01	.09	1.7	.19	1.7

RMSE .10 ADJ.S.D. .83 ITEM SEP 8.54 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 212 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:14 1999 INPUT: 473 PERSONS 17 ITEMS ANALYZED: 459 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	319	459	-.693	.104	.99	-.1	.92	-.5	.21	MC1
2	312	459	-.612	.103	.91	-1.9	.91	-.5	.25	MC2
3	176	459	.835	.101	1.11	2.4	1.09	1.0	.14	MC3
4	259	459	-.039	.098	1.01	.2	1.43	3.4	.18	MC4
5	344	459	-.999	.109	1.01	.2	.93	-.3	.17	MC5
6	259	459	-.039	.098	1.10	2.4	1.09	.8	.12	MC6
7			DROPPED							SPACE
8	732	357	1.547	.065	.84	-2.4	.82	-2.5	.33	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

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BLE 3.1 Global Form 213 first run                          R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
b  7  8:15 1999   INPUT:   476 PERSONS    17 ITEMS    ANALYZED:   467 PERSONS     7 ITEMS    18 CATEGORIES
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SUMMARY OF 467 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	4.0	6.7	-.52	.85	.94	.0	1.04	.1
S.D.	1.9	.4	1.17	.17	.53	.8	1.08	.8

RMSE .87 ADJ.S.D. .78 PERSON SEP .90 PERSON SEP REL. .45

MAXIMUM EXTREME SCORE: 1 PERSONS
MINIMUM EXTREME SCORE: 8 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	266.0	449.1	.00	.10	1.00	-.2	1.05	-.4
S.D.	189.6	43.7	1.02	.03	.11	1.9	.27	1.9

RMSE .11 ADJ.S.D. 1.02 ITEM SEP 9.61 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 213 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 476 PERSONS 17 ITEMS ANALYZED: 467 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	327	467	-1.470	.104	1.04	.8	.98	-.1	.12	MC1
2	167	467	.199	.100	1.15	3.1	1.19	2.3	.05	MC2
3	252	467	-.672	.096	.92	-2.0	.87	-2.1	.24	MC3
4	171	467	.154	.100	.94	-1.3	.93	-.9	.18	MC4
5	42	467	2.127	.160	1.16	1.3	1.65	2.2	-.03	MC5
6	217	467	-.321	.096	.98	-.4	.92	-1.2	.16	MC6
7			DROPPED							SPACE
8	686	342	-.017	.059	.83	-2.5	.80	-2.9	.19	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 214 first run — R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:12 1999 INPUT: 470 PERSONS 17 ITEMS ANALYZED: 452 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 452 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	4.5	6.8	-.15	.83	.99	.0	1.04	.1
S.D.	2.2	.4	1.27	.13	.51	.8	.89	.9

RMSE .84 ADJ.S.D. .96 PERSON SEP 1.14 PERSON SEP REL. .56

MAXIMUM EXTREME SCORE: 11 PERSONS
MINIMUM EXTREME SCORE: 7 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	289.3	437.7	.00	.10	1.00	-.1	1.06	.4
S.D.	184.9	35.0	.70	.01	.07	1.3	.18	1.7

RMSE .10 ADJ.S.D. .69 ITEM SEP 7.04 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 214 first run — R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:12 1999 INPUT: 470 PERSONS 17 ITEMS ANALYZED: 452 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	160	452	.535	.104	1.13	2.4	1.20	2.2	.17	MC1
2	280	452	-.770	.100	.94	-1.4	.87	-1.3	.25	MC2
3	207	452	.007	.100	1.06	1.4	1.11	1.5	.22	MC3
4	227	452	-.206	.099	.94	-1.5	.87	-1.7	.28	MC4
5	123	452	1.001	.112	.95	-.7	1.02	.2	.30	MC5
6	314	452	-1.107	.104	1.00	-.1	1.41	3.0	.18	MC6
7			DROPPED							SPACE
8	718	352	.539	.063	.97	-.4	.95	-.7	.30	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

ABLE 3.1 Global Form 215 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
eb 7 8:15 1999 INPUT: 461 PERSONS 17 ITEMS ANALYZED: 450 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 450 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	4.8	6.8	.02	.84	.97	.0	1.00	.1
S.D.	2.1	.4	1.22	.14	.56	.9	.71	1.0

RMSE .85 ADJ.S.D. .88 PERSON SEP 1.04 PERSON SEP REL. .52

MAXIMUM EXTREME SCORE: 6 PERSONS
MINIMUM EXTREME SCORE: 5 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	306.6	435.3	.00	.10	1.00	.0	.99	-.1
S.D.	205.6	36.0	.66	.01	.10	2.0	.11	1.2

RMSE .10 ADJ.S.D. .65 ITEM SEP 6.63 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 215 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 461 PERSONS 17 ITEMS ANALYZED: 450 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	255	450	-.293	.100	1.03	.7	1.05	.7	.20	MC1
2	170	450	.618	.101	1.19	3.8	1.21	2.3	.06	MC2
3	173	450	.585	.101	.87	-2.9	.92	-.9	.32	MC3
4	162	450	.708	.102	1.04	.9	1.03	.3	.14	MC4
5	259	450	-.336	.100	.94	-1.3	.89	-1.4	.26	MC5
6	339	450	-1.277	.113	1.00	.0	.93	-.6	.22	MC6
7			DROPPED							SPACE
8	789	347	-.004	.066	.90	-1.3	.92	-1.0	.27	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 216 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 462 PERSONS 17 ITEMS ANALYZED: 445 PERSONS 7 ITEMS 19 CATEGORIES

SUMMARY OF 445 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	4.5	6.8	-.11	.79	.96	.0	1.03	.1
S.D.	2.1	.4	1.14	.13	.43	.7	.49	.8

RMSE .80 ADJ.S.D. .81 PERSON SEP 1.01 PERSON SEP REL. .51

MAXIMUM EXTREME SCORE: 10 PERSONS
MINIMUM EXTREME SCORE: 7 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	286.7	432.0	.00	.09	.99	.0	1.03	.3
S.D.	157.6	31.8	.46	.01	.11	2.3	.19	2.7

RMSE .09 ADJ.S.D. .45 ITEM SEP 4.74 ITEM SEP REL. .96

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 216 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 462 PERSONS 17 ITEMS ANALYZED: 445 PERSONS 7 ITEMS 19 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	165	445	.503	.102	1.06	1.3	1.13	1.7	.16	MC1
2	228	445	-.175	.098	.92	-2.0	.86	-2.3	.29	MC2
3	200	445	.120	.099	1.00	.1	1.02	.4	.21	MC3
4	252	445	-.427	.099	.92	-1.6	.91	-1.3	.29	MC4
5	227	445	-.164	.098	1.18	4.2	1.42	5.9	.05	MC5
6	270	445	-.620	.100	1.05	1.1	1.04	.5	.18	MC6
7			DROPPED							SPACE
8	665	354	.764	.060	.80	-2.9	.80	-2.9	.34	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 217 first run. R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 466 PERSONS 17 ITEMS ANALYZED: 451 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 451 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	3.8	6.8	-.79	.89	.97	-.1	1.04	.1
S.D.	1.9	.4	1.23	.14	.63	1.0	1.15	.9

RMSE .90 ADJ.S.D. .83 PERSON SEP .92 PERSON SEP REL. .46

MAXIMUM EXTREME SCORE: 2 PERSONS
MINIMUM EXTREME SCORE: 13 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	243.3	437.9	.00	.11	1.00	.0	1.07	.1
S.D.	199.2	32.2	1.12	.02	.07	1.0	.24	1.5

RMSE .11 ADJ.S.D. 1.12 ITEM SEP 10.22 ITEM SEP REL. .99

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 217 first run. R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:15 1999 INPUT: 466 PERSONS 17 ITEMS ANALYZED: 451 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	72	451	1.209	.130	1.13	1.5	1.58	2.8	.07	MC1
2	157	451	.026	.103	1.02	.4	1.05	.6	.18	MC2
3	238	451	-.859	.100	1.01	.2	.99	-.1	.21	MC3
4	138	451	.251	.106	.99	-.1	.97	-.3	.17	MC4
5	351	451	-2.215	.117	1.00	.0	.87	-1.0	.20	MC5
6	70	451	1.246	.131	.99	-.2	1.20	1.1	.18	MC6
7			DROPPED							SPACE
8	677	359	.342	.066	.86	-2.0	.85	-2.2	.28	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 Global Form 218 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:27 1999 INPUT: 352 PERSONS 30 ITEMS ANALYZED: 352 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 352 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	16.1	30.0	.19	.43	.99	.0	1.02	.1
S.D.	5.2	.0	.95	.07	.16	1.0	.34	1.1

RMSE .43 ADJ.S.D. .84 PERSON SEP 1.94 PERSON SEP REL. .79

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	189.2	352.0	.00	.12	1.00	-.2	1.02	-.1
S.D.	60.0	.0	.87	.01	.10	2.0	.25	2.1

RMSE .12 ADJ.S.D. .86 ITEM SEP 7.15 ITEM SEP REL. .98

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 218 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:27 1999 INPUT: 352 PERSONS 30 ITEMS ANALYZED: 352 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	278	352	-1.306	.135	.99	-.1	1.02	.1	.28	MC1
2	214	352	-.319	.114	1.03	.7	1.02	.3	.27	MC2
3	203	352	-.172	.113	1.04	.9	1.02	.3	.26	MC3
4	262	352	-1.008	.126	.91	-1.4	.83	-1.7	.38	MC4
5	138	352	.681	.115	.98	-.5	1.04	.5	.32	MC5
6	298	352	-1.724	.151	.93	-.7	.77	-1.4	.33	MC6
7	171	352	.245	.112	.99	-.1	1.00	-.1	.31	MC7
8	211	352	-.278	.114	.89	-2.7	.84	-2.4	.43	MC8
9	152	352	.493	.113	1.17	3.9	1.23	3.4	.11	MC9
10	153	352	.480	.113	1.00	.0	.99	-.1	.31	MC10
11	205	352	-.198	.113	1.13	2.9	1.19	2.7	.16	MC11
12	168	352	.284	.112	.88	-3.2	.83	-2.9	.45	MC12
13	44	352	2.362	.165	1.27	2.2	2.12	4.4	-.13	MC13
14	198	352	-.106	.113	.87	-3.2	.82	-3.1	.45	MC14
15	135	352	.722	.115	.91	-1.9	.90	-1.4	.39	MC15
16	111	352	1.063	.120	1.06	1.0	1.08	.9	.22	MC16
17	243	352	-.728	.120	.95	-.9	.87	-1.5	.35	MC17
18	262	352	-1.025	.126	1.12	1.8	1.27	2.3	.12	MC18
19	101	352	1.216	.123	.97	-.4	.96	-.4	.31	MC19
20	210	352	-.265	.114	.91	-2.3	.89	-1.7	.41	MC20
21	262	352	-1.025	.126	.94	-.9	.86	-1.3	.34	MC21
22	194	352	-.054	.112	.83	-4.5	.77	-3.9	.50	MC22
23	239	352	-.669	.119	.96	-.7	.91	-1.1	.34	MC23
24	192	352	-.028	.112	.92	-1.9	.89	-1.8	.39	MC24
25	170	352	.258	.112	1.06	1.5	1.10	1.6	.24	MC25
26	151	352	.507	.113	1.10	2.4	1.10	1.6	.19	MC26
27	105	352	1.154	.122	1.09	1.6	1.21	2.2	.16	MC27
28	115	352	1.004	.119	1.17	3.0	1.28	3.1	.10	MC28
29	253	352	-.880	.123	.87	-2.2	.83	-1.8	.42	MC29
30	240	352	-.683	.119	1.03	.6	1.11	1.2	.23	MC30

TABLE 3.1 Global Form 219 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 351 PERSONS 30 ITEMS ANALYZED: 350 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 350 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	17.3	30.0	.44	.44	1.00	.0	.98	.0
S.D.	5.5	.0	1.01	.09	.15	.9	.26	1.0

RMSE .44 ADJ.S.D. .91 PERSON SEP 2.05 PERSON SEP REL. .81

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	202.4	350.0	.00	.12	.99	.0	.98	.0
S.D.	53.3	.0	.80	.01	.10	1.8	.20	2.0

RMSE .12 ADJ.S.D. .79 ITEM SEP 6.45 ITEM SEP REL. .98

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 219 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 351 PERSONS 30 ITEMS ANALYZED: 350 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	228	350	-.310	.118	.99	-.2	.96	-.5	.34	MC1
2	307	350	-1.800	.166	.88	-1.0	.61	-2.1	.40	MC2
3	260	350	-.806	.128	1.02	.4	1.01	.1	.27	MC3
4	173	350	.439	.113	1.04	.9	1.07	1.1	.29	MC4
5	297	350	-1.539	.153	.91	-.9	.82	-1.0	.34	MC5
6	269	350	-.944	.131	.83	-2.6	.67	-2.8	.49	MC6
7	122	350	1.140	.119	1.07	1.4	1.20	2.4	.23	MC7
8	111	350	1.320	.122	1.25	4.1	1.63	6.0	.02	MC8
9	194	350	.160	.114	.94	-1.4	.91	-1.4	.39	MC9
10	171	350	.453	.113	1.00	.0	.96	-.5	.33	MC10
11	219	350	-.182	.117	1.02	.5	1.01	.1	.30	MC11
12	263	350	-.857	.129	.96	-.7	.86	-1.2	.35	MC12
13	191	350	.346	.113	.99	-.1	.98	-.2	.34	MC13
14	275	350	-1.071	.135	.99	-.1	.98	-.1	.28	MC14
15	216	350	-.140	.116	1.05	1.1	1.09	1.2	.27	MC15
16	203	350	.011	.115	.94	-1.4	.89	-1.6	.39	MC16
17	175	350	.413	.113	1.11	2.6	1.16	2.4	.22	MC17
18	177	350	.386	.113	1.09	2.0	1.12	1.8	.24	MC18
19	159	350	.640	.114	1.10	2.2	1.12	1.8	.22	MC19
20	237	350	-.442	.120	.96	-.7	.99	.0	.36	MC20
21	183	350	.307	.113	.89	-2.8	.84	-2.5	.45	MC21
22	151	350	.734	.115	1.04	1.0	1.04	.6	.28	MC22
23	196	350	.133	.114	.84	-3.9	.79	-3.4	.50	MC23
24	140	350	.885	.116	1.16	3.4	1.21	2.8	.15	MC24
25	167	350	.519	.114	1.06	1.4	1.08	1.2	.27	MC25
26	120	350	1.170	.119	1.03	.6	1.13	1.6	.27	MC26
27	256	350	-.739	.126	.90	-1.7	.77	-2.2	.43	MC27
28	159	350	.640	.114	.97	-.8	.99	-.2	.37	MC28
29	186	350	.267	.114	1.02	.5	1.01	.2	.31	MC29
30	278	350	-1.130	.137	.80	-2.7	.65	-2.7	.50	MC30

TABLE 3.1 Global Form 220 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 352 PERSONS 30 ITEMS ANALYZED: 352 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 352 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	14.0	30.0	-.16	.41	1.00	.0	1.01	.0
S.D.	5.0	.0	.84	.05	.12	.8	.19	.9

RMSE .41 ADJ.S.D. .73 PERSON SEP 1.75 PERSON SEP REL. .75

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	164.1	352.0	.00	.12	1.00	-.1	1.01	.0
S.D.	50.1	.0	.67	.01	.09	2.0	.14	2.1

RMSE .12 ADJ.S.D. .66 ITEM SEP 5.73 ITEM SEP REL. .97

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 220 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 352 PERSONS 30 ITEMS ANALYZED: 352 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	138	352	.323	.113	1.16	3.6	1.20	3.3	.07	MC1
2	237	352	-.959	.117	.90	-2.1	.82	-2.5	.39	MC2
3	134	352	.377	.114	.91	-2.2	.86	-2.4	.39	MC3
4	83	352	1.136	.129	1.04	.5	1.15	1.4	.17	MC4
5	252	352	-1.177	.121	.99	-.2	.95	-.5	.26	MC5
6	259	352	-1.285	.123	.95	-.9	.92	-.8	.29	MC6
7	179	352	-.201	.110	1.06	1.8	1.10	1.9	.18	MC7
8	193	352	-.378	.111	1.00	.1	1.01	.2	.26	MC8
9	149	352	.180	.112	.94	-1.4	.92	-1.5	.34	MC9
10	169	352	-.075	.110	.97	-.9	.96	-.8	.31	MC10
11	225	352	-.794	.114	.92	-1.8	.88	-1.8	.35	MC11
12	118	352	.596	.117	1.02	.2	1.03	.5	.24	MC12
13	90	352	1.018	.126	1.14	2.1	1.22	2.2	.08	MC13
14	162	352	.026	.111	1.07	1.9	1.06	1.2	.18	MC14
15	221	352	-.740	.114	1.15	3.3	1.32	4.5	.04	MC15
16	85	352	1.102	.128	1.17	2.3	1.27	2.5	.05	MC16
17	202	352	-.492	.111	.95	-1.4	.92	-1.5	.33	MC17
18	125	352	.498	.115	.95	-1.0	.96	-.5	.32	MC18
19	106	352	.769	.120	1.16	2.8	1.24	2.8	.06	MC19
20	164	352	-.012	.111	.99	-.2	.99	-.1	.28	MC20
21	210	352	-.596	.112	.83	-4.6	.78	-4.0	.48	MC21
22	187	352	-.302	.110	.92	-2.3	.85	-2.4	.37	MC22
23	184	352	-.264	.110	.98	-.5	.97	-.7	.29	MC23
24	152	352	.141	.111	1.00	.0	1.00	-.1	.27	MC24
25	148	352	.193	.112	.88	-3.2	.85	-2.9	.43	MC25
26	145	352	.232	.112	1.00	.0	1.07	1.2	.26	MC26
27	84	352	1.119	.129	.94	-.9	.98	-.1	.32	MC27
28	128	352	.457	.115	.96	-.9	.95	-.8	.31	MC28
29	159	352	.052	.111	1.15	3.9	1.20	3.7	.08	MC29
30	236	352	-.945	.116	.90	-2.2	.84	-2.2	.38	MC30

TABLE 3.1 Global Form 221 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 339 PERSONS 30 ITEMS ANALYZED: 339 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 339 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	16.2	30.0	.21	.42	1.00	.0	1.02	.1
S.D.	4.8	.0	.85	.06	.16	1.0	.26	1.0

RMSE .43 ADJ.S.D. .74 PERSON SEP 1.74 PERSON SEP REL. .75

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	183.1	339.0	.00	.12	1.00	-.2	1.02	.0
S.D.	57.3	.0	.82	.01	.11	2.2	.18	2.2

RMSE .12 ADJ.S.D. .81 ITEM SEP 6.73 ITEM SEP REL. .98

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 221 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 339 PERSONS 30 ITEMS ANALYZED: 339 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	242	339	-.813	.123	1.14	2.3	1.34	3.4	.06	MC1
2	110	339	1.006	.120	1.27	4.8	1.40	4.5	-.09	MC2
3	251	339	-.958	.127	1.08	1.3	1.33	3.0	.09	MC3
4	225	339	-.557	.118	.88	-2.6	.82	-2.4	.41	MC4
5	88	339	1.352	.128	1.10	1.5	1.23	2.2	.09	MC5
6	244	339	-.844	.124	.95	-.9	.93	-.7	.31	MC6
7	204	339	-.264	.115	.97	-.8	.95	-.8	.30	MC7
8	226	339	-.572	.119	.95	-1.0	.91	-1.2	.31	MC8
9	286	339	-1.640	.151	.97	-.3	.99	.0	.26	MC9
10	168	339	.213	.113	1.06	1.5	1.05	.9	.19	MC10
11	180	339	.056	.113	.95	-1.2	.93	-1.3	.32	MC11
12	234	339	-.690	.121	1.09	1.6	1.25	2.8	.12	MC12
13	137	339	.624	.115	1.07	1.6	1.09	1.5	.17	MC13
14	60	339	1.883	.145	1.08	.9	1.26	1.8	.09	MC14
15	182	339	.029	.113	.96	-1.2	.95	-1.0	.32	MC15
16	126	339	.776	.116	1.28	5.6	1.40	5.2	-.08	MC16
17	138	339	.610	.115	.94	-1.5	.93	-1.2	.34	MC17
18	217	339	-.443	.117	.92	-1.7	.87	-1.9	.36	MC18
19	143	339	.543	.114	.99	-.3	.97	-.5	.28	MC19
20	205	339	-.277	.115	.92	-2.1	.87	-2.1	.37	MC20
21	110	339	1.006	.120	.92	-1.5	.90	-1.2	.35	MC21
22	255	339	-1.025	.129	.89	-1.8	.81	-1.9	.39	MC22
23	240	339	-.781	.123	.82	-3.4	.75	-3.1	.48	MC23
24	146	339	.503	.114	.94	-1.6	.91	-1.6	.34	MC24
25	264	339	-1.185	.133	.94	-.9	.93	-.6	.29	MC25
26	169	339	.200	.113	.89	-3.2	.87	-2.4	.41	MC26
27	108	339	1.036	.120	1.01	.2	1.00	.0	.24	MC27
28	159	339	.331	.113	1.14	3.6	1.16	2.8	.08	MC28
29	169	339	.200	.113	.94	-1.7	.92	-1.5	.34	MC29
30	208	339	-.318	.115	.88	-3.1	.84	-2.6	.42	MC30

TABLE 3.1 Global Form 222 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 347 PERSONS 30 ITEMS ANALYZED: 346 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 346 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	17.2	30.0	.39	.44	.99	.0	1.01	.0
S.D.	5.4	.0	1.00	.07	.17	.9	.38	1.0

RMSE .44 ADJ.S.D. .90 PERSON SEP 2.02 PERSON SEP REL. .80

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	198.0	346.0	.00	.12	.99	-.1	1.01	.0
S.D.	61.7	.0	.93	.01	.12	2.1	.26	2.3

RMSE .12 ADJ.S.D. .92 ITEM SEP 7.37 ITEM SEP REL. .98

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 222 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 347 PERSONS 30 ITEMS ANALYZED: 346 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	241	346	-.590	.123	1.10	1.7	1.12	1.2	.21	MC1
2	176	346	.330	.114	.92	-2.0	.89	-1.8	.42	MC2
3	194	346	.086	.115	1.02	.4	.98	-.2	.31	MC3
4	299	346	-1.721	.160	.94	-.5	1.13	.7	.26	MC4
5	242	346	-.606	.123	.95	-.9	.95	-.5	.36	MC5
6	241	346	-.590	.123	1.05	.9	1.06	.6	.26	MC6
7	281	346	-1.300	.142	.82	-2.3	.60	-3.0	.49	MC7
8	271	346	-1.102	.135	.94	-.8	.89	-.8	.34	MC8
9	213	346	-.177	.117	1.08	1.6	1.07	.9	.25	MC9
10	237	346	-.529	.122	.87	-2.4	.76	-2.8	.47	MC10
11	218	346	-.248	.118	.90	-2.1	.87	-1.7	.43	MC11
12	185	346	.209	.115	1.00	-.1	.98	-.2	.34	MC12
13	183	346	.236	.114	.97	-.6	1.00	.1	.36	MC13
14	172	346	.384	.114	1.09	1.9	1.12	1.9	.25	MC14
15	222	346	-.306	.118	1.03	.7	1.04	.5	.29	MC15
16	97	346	1.467	.126	1.10	1.6	1.40	3.5	.15	MC16
17	82	346	1.726	.133	1.06	.9	1.23	1.8	.23	MC17
18	69	346	1.975	.140	1.18	2.2	1.61	3.7	.04	MC18
19	239	346	-.544	.122	.89	-2.1	.83	-1.9	.44	MC19
20	133	346	.921	.117	1.03	.6	1.05	.7	.29	MC20
21	265	346	-.991	.132	.81	-2.9	.65	-3.2	.51	MC21
22	279	346	-1.259	.141	.81	-2.4	.60	-3.1	.49	MC22
23	189	346	.154	.115	1.20	4.4	1.26	3.8	.12	MC23
24	157	346	.588	.115	1.06	1.4	1.05	.8	.26	MC24
25	274	346	-1.159	.137	.79	-2.8	.60	-3.4	.52	MC25
26	208	346	-.107	.116	1.08	1.6	1.04	.6	.25	MC26
27	96	346	1.483	.126	1.33	4.8	1.70	5.7	-.04	MC27
28	123	346	1.065	.119	1.01	.3	1.06	.7	.28	MC28
29	187	346	.182	.115	.84	-3.8	.81	-3.2	.50	MC29
30	169	346	.425	.114	.96	-1.0	.91	-1.5	.38	MC30

TABLE 3.1 Global Form 223 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 341 PERSONS 30 ITEMS ANALYZED: 341 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 341 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	15.6	30.0	.12	.43	.99	.0	1.01	.1
S.D.	5.3	.0	.97	.07	.16	1.0	.30	1.0

RMSE .43 ADJ.S.D. .87 PERSON SEP 2.00 PERSON SEP REL. .80

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	177.0	341.0	.00	.12	1.00	-.2	1.01	.0
S.D.	57.1	.0	.86	.01	.10	2.1	.17	1.9

RMSE .12 ADJ.S.D. .85 ITEM SEP 6.92 ITEM SEP REL. .98

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 223 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:31 1999 INPUT: 341 PERSONS 30 ITEMS ANALYZED: 341 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	114	341	.886	.121	1.17	2.8	1.20	2.3	.16	MC1
2	177	341	.003	.114	.98	-.4	.97	-.4	.33	MC2
3	63	341	1.798	.146	1.10	1.1	1.51	3.2	.12	MC3
4	204	341	-.364	.116	.98	-.3	.96	-.6	.32	MC4
5	213	341	-.489	.117	.87	-3.1	.81	-2.5	.44	MC5
6	232	341	-.765	.120	.98	-.5	1.00	.1	.30	MC6
7	265	341	-1.307	.133	.95	-.7	.82	-1.3	.32	MC7
8	196	341	-.254	.115	.92	-2.1	1.02	.3	.40	MC8
9	220	341	-.589	.118	1.05	1.1	1.02	.3	.24	MC9
10	72	341	1.609	.139	1.14	1.6	1.13	1.0	.18	MC10
11	298	341	-2.040	.164	1.01	.2	1.00	.0	.20	MC11
12	251	341	-1.064	.127	1.02	.4	1.07	.6	.22	MC12
13	162	341	.205	.114	.90	-2.4	.86	-2.3	.43	MC13
14	80	341	1.454	.134	1.10	1.3	1.14	1.2	.20	MC14
15	155	341	.300	.115	.98	-.5	1.02	.3	.34	MC15
16	143	341	.465	.116	.89	-2.4	.88	-1.8	.43	MC16
17	195	341	-.240	.115	.99	-.2	.95	-.8	.32	MC17
18	246	341	-.982	.125	.98	-.3	.96	-.3	.28	MC18
19	137	341	.550	.117	1.21	4.1	1.32	4.4	.11	MC19
20	204	341	-.364	.116	.80	-5.2	.73	-4.0	.53	MC20
21	189	341	-.159	.114	.97	-.7	.92	-1.2	.34	MC21
22	156	341	.287	.115	1.13	3.0	1.12	1.8	.17	MC22
23	172	341	.070	.114	1.18	4.1	1.23	3.4	.12	MC23
24	170	341	.097	.114	.96	-.9	.95	-.8	.36	MC24
25	134	341	.592	.117	1.12	2.4	1.14	2.1	.19	MC25
26	234	341	-.795	.121	.89	-2.2	.80	-2.2	.41	MC26
27	126	341	.707	.119	1.04	.8	1.09	1.3	.27	MC27
28	132	341	.621	.118	.93	-1.4	.94	-.9	.39	MC28
29	237	341	-.841	.122	.92	-1.5	.85	-1.6	.37	MC29
30	133	341	.606	.117	.88	-2.5	.84	-2.5	.45	MC30

TABLE 3.1 Global Form 224 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:32 1999 INPUT: 345 PERSONS 30 ITEMS ANALYZED: 344 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 344 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	16.3	30.0	.23	.42	1.00	.0	.99	.0
S.D.	6.0	.0	.99	.07	.10	.8	.17	.9

RMSE .43 ADJ.S.D. .90 PERSON SEP 2.11 PERSON SEP REL. .82

MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	187.1	344.0	.00	.12	1.00	-.1	.99	-.1
S.D.	37.2	.0	.54	.01	.14	2.8	.21	2.6

RMSE .12 ADJ.S.D. .52 ITEM SEP 4.44 ITEM SEP REL. .95

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 224 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:32 1999 INPUT: 345 PERSONS 30 ITEMS ANALYZED: 344 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	207	344	-.265	.117	.91	-1.9	.87	-1.6	.44	MC1
2	158	344	.409	.115	.98	-.5	.95	-.7	.38	MC2
3	188	344	-.001	.115	1.14	2.9	1.20	3.0	.21	MC3
4	212	344	-.336	.117	.97	-.6	.95	-.7	.37	MC4
5	188	344	-.001	.115	1.13	2.8	1.18	2.7	.21	MC5
6	173	344	.204	.115	.98	-.5	.95	-.8	.37	MC6
7	162	344	.354	.115	1.07	1.4	1.11	1.8	.28	MC7
8	198	344	-.139	.116	1.09	1.8	1.09	1.3	.26	MC8
9	168	344	.272	.115	1.07	1.5	1.08	1.3	.27	MC9
10	233	344	-.645	.121	1.01	.3	1.04	.5	.30	MC10
11	143	344	.618	.117	1.23	4.5	1.30	4.2	.12	MC11
12	160	344	.392	.115	.91	-2.1	.88	-2.1	.44	MC12
13	172	344	.218	.115	.88	-2.7	.85	-2.7	.47	MC13
14	174	344	.190	.115	.83	-3.9	.79	-3.7	.53	MC14
15	143	344	.618	.117	1.16	3.3	1.20	2.9	.17	MC15
16	218	344	-.423	.118	1.05	1.1	1.03	.4	.28	MC16
17	176	344	.163	.115	.96	-.8	.94	-1.0	.39	MC17
18	128	344	.832	.119	.97	-.5	.97	-.3	.36	MC18
19	200	344	-.167	.116	.87	-3.0	.86	-2.2	.48	MC19
20	111	344	1.086	.122	1.38	6.2	1.69	6.7	-.06	MC20
21	165	344	.313	.115	1.14	3.0	1.15	2.4	.21	MC21
22	279	344	-1.448	.142	.94	-.7	.87	-.9	.33	MC22
23	235	344	-.676	.122	.79	-4.1	.70	-3.7	.55	MC23
24	221	344	-.466	.119	.88	-2.4	.81	-2.5	.46	MC24
25	238	344	-.722	.123	.83	-3.3	.71	-3.3	.52	MC25
26	247	344	-.866	.125	.79	-3.8	.68	-3.5	.54	MC26
27	192	344	-.056	.116	1.11	2.3	1.12	1.8	.24	MC27
28	163	344	.341	.115	.91	-2.0	.89	-1.9	.43	MC28
29	153	344	.478	.116	1.14	3.0	1.17	2.7	.20	MC29
30	207	344	-.265	.117	.83	-3.9	.78	-3.4	.53	MC30

TABLE 3.1 Global Form 888 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. [illegible]
Feb 7 8:44 1999 INPUT: 988 PERSONS 81 ITEMS ANALYZED: 988 PERSONS 72 ITEMS 171 CATEGORIES

SUMMARY OF 988 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	44.1	65.5	.40	.28	1.02	.1	1.00	.1
S.D.	11.6	2.1	.83	.03	.16	1.0	.28	.9

RMSE .28 ADJ.S.D. .78 PERSON SEP 2.79 PERSON SEP REL. .89

SUMMARY OF 72 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	605.8	899.5	.00	.08	1.01	.0	1.01	.1
S.D.	290.9	248.5	1.01	.05	.13	3.2	.20	3.3

RMSE .10 ADJ.S.D. 1.01 ITEM SEP 10.40 ITEM SEP REL. .99

LACKING RESPONSES: 9 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 Global Form 888 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 8:44 1999 INPUT: 988 PERSONS 81 ITEMS ANALYZED: 988 PERSONS 72 ITEMS 171 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	924	988	-2.514	.130	.90	-1.0	.60	-2.9	.34	MC1
2	797	988	-1.207	.083	.95	-1.1	.87	-1.8	.34	MC2
3	324	988	1.204	.071	1.11	3.4	1.22	4.9	.15	MC3
4	618	988	-.192	.069	.90	-4.0	.87	-3.7	.44	MC4
5	898	988	-2.132	.112	.95	-.6	.74	-2.2	.29	MC5
6	533	988	.210	.068	1.10	4.2	1.14	4.5	.21	MC6
7	823	988	-1.399	.088	.98	-.4	.99	-.1	.27	MC7
8	304	988	1.309	.073	1.11	3.4	1.20	4.2	.15	MC8
9	672	988	-.464	.072	1.08	2.6	1.10	2.2	.21	MC9
10	452	988	.584	.068	.91	-3.8	.92	-2.7	.41	MC10
11	531	988	.219	.068	1.01	.6	1.01	.2	.30	MC11
12	493	988	.394	.067	1.04	1.8	1.06	2.0	.27	MC12
13	769	988	-1.019	.080	.91	-2.1	.87	-2.1	.39	MC13
14	375	988	.948	.069	.98	-.6	1.02	.5	.32	MC14
15	523	988	.256	.068	.94	-2.8	.93	-2.4	.39	MC15
16	347	988	1.087	.070	1.05	1.7	1.13	3.2	.23	MC16
17	624	988	-.222	.070	.97	-1.2	.97	-.9	.35	MC17
18	474	988	.482	.067	1.13	5.3	1.15	5.0	.18	MC18
19	739	988	-.834	.076	.93	-1.9	.92	-1.5	.37	MC19
20	505	988	.339	.067	.99	-.6	.98	-.5	.34	MC20
21	682	988	-.516	.072	.94	-2.0	.87	-2.9	.39	MC21
22	736	988	-.816	.076	.96	-1.2	.96	-.6	.34	MC22
23	563	988	.070	.068	1.00	-.1	.99	-.4	.32	MC23
24	723	988	-.741	.075	.92	-2.3	.89	-2.2	.39	MC24
25	478	988	.463	.067	1.00	.1	.99	-.2	.32	MC25
26	495	988	.385	.067	1.13	5.3	1.16	5.3	.17	MC26
27	614	988	-.173	.069	.90	-3.9	.87	-3.9	.44	MC27
28	606	988	-.134	.069	.94	-2.3	.94	-1.7	.39	MC28
29	571	988	.032	.068	.95	-2.3	.93	-2.2	.38	MC29
30	722	988	-.735	.075	.91	-2.5	.83	-3.3	.41	MC30
31	357	988	1.037	.070	1.18	6.1	1.28	6.8	.09	MC31
32	615	988	-.178	.069	.90	-3.9	.87	-3.7	.44	MC32
33	625	988	-.227	.070	1.05	1.8	1.08	2.0	.26	MC33
34	693	988	-.575	.073	.93	-2.1	.86	-2.9	.39	MC34
35	791	988	-1.165	.082	.89	-2.5	.76	-3.5	.43	MC35
36	833	988	.210	.068	.97	-1.5	.95	-1.7	.36	MC36
37	708	988	-.640	.074	.86	-4.5	.77	-5.0	.49	MC37
38	829	988	.228	.068	.99	-.6	.98	-.7	.34	MC38
39	373	988	.958	.069	.97	-1.0	1.00	.1	.33	MC39
40	495	988	.385	.067	1.06	2.7	1.09	2.9	.25	MC40
41	622	988	-.212	.069	.85	-5.9	.79	-5.9	.50	MC41
42	311	988	1.325	.073	1.01	.3	1.13	2.7	.25	MC42

TABLE CONTINUED ON NEXT SHEET

CONTINUED FROM PREVIOUS SHEET

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
43	492	988	.399	.067	.92	-3.5	.91	-3.2	.41	MC43
44	669	988	-.448	.071	.82	-6.6	.76	-5.9	.54	MC44
45	885	988	-1.976	.106	.90	-1.3	.70	-2.7	.36	MC45
46	603	988	-.120	.069	.96	-1.6	.93	-2.1	.37	MC46
47	553	988	.117	.068	.84	-7.5	.80	-7.2	.53	MC47
48	700	988	-.613	.073	.87	-4.3	.82	-3.8	.47	MC48
49	707	988	-.651	.074	.87	-4.1	.78	-4.5	.48	MC49
50	773	988	-1.045	.080	.89	-2.5	.80	-3.2	.42	MC50
51			DROPPED							SPACE
52	352	958	1.024	.071	.98	-.8	.99	-.2	.33	Essay1
53	1003	944	.218	.057	1.13	2.9	1.13	2.9	.24	Essay2
54	1416	929	-.901	.057	1.11	2.4	1.18	3.2	.25	Essay3
55			DROPPED							Essay4
56	592	867	-.469	.077	1.14	4.3	1.19	3.8	.12	Essay5
57	502	932	.233	.069	1.08	3.4	1.08	2.7	.22	Essay6
58	556	928	-.045	.071	1.07	2.5	1.07	2.0	.23	Essay7
59	543	849	-.231	.075	1.09	2.6	1.08	1.8	.22	Essay8
60	530	928	.088	.070	1.11	4.3	1.11	3.4	.19	Essay9
61	622	922	-.413	.074	1.09	2.8	1.11	2.4	.19	Essay10
62	593	912	-.284	.073	1.09	2.9	1.09	2.1	.21	Essay11
63			DROPPED							Essay12
64	821	978	-1.441	.090	1.01	.3	1.24	2.6	.19	Essay13
65	619	957	2.962	.070	.98	-.7	.99	-.2	.34	Essay14
66	1543	962	-.680	.049	1.15	2.9	1.85	5.9	.27	Essay15
67			DROPPED							Essay16
68	1922	983	-2.114	.115	.99	.0	.92	-.0	.18	Essay17
69	561	987	3.300	.067	1.27	9.7	1.32	9.0	.00	Essay18
70	601	816	1.173	.059	1.17	3.7	1.22	4.8	.22	Essay19
71			DROPPED							Essay20
72			DROPPED							Essay21
73			DROPPED							Essay22
74			DROPPED							Essay23
75	229	126	1.027	.091	1.33	2.5	1.31	2.3	.36	Essay24
76	344	186	1.007	.070	1.24	2.2	1.21	2.0	.48	Essay25
77	201	118	1.217	.094	1.18	1.3	1.26	1.8	.45	Essay26
78	85	50	1.016	.131	1.25	1.3	1.31	1.5	.33	Essay27
79	29	19	.733	.227	1.57	1.6	1.56	1.4	.02	Essay28
80	18	10	.886	.468	.69	-.8	.66	-.9	.73	Essay29
81			DROPPED							Essay30

Appendix C

Partial Credit Model Analysis for United States History

ABLE 3.1 US History Form 401 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 1.17
eb 6 10:22 1999 INPUT: 254 PERSONS 32 ITEMS ANALYZED: 254 PERSONS 26 ITEMS 61 CATEGORIES

SUMMARY OF 254 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT		MNSQ OUTFIT	
MEAN	17.3	23.5	.29	.42	1.01	.0	.98	.0
S.D.	5.7	2.2	.86	.07	.29	1.0	.38	.9

RMSE .43 ADJ.S.D. .74 PERSON SEP 1.74 PERSON SEP REL. .75

SUMMARY OF 26 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT		MNSQ OUTFIT	
MEAN	168.8	229.2	.00	.14	1.00	.0	.99	-.1
S.D.	53.3	28.6	1.29	.05	.07	1.0	.10	1.0

RMSE .15 ADJ.S.D. 1.28 ITEM SEP 8.54 ITEM SEP REL. .99

LACKING RESPONSES: 6 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 401 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. [illegible]
Feb 6 10:22 1999 INPUT: 254 PERSONS 32 ITEMS ANALYZED: 254 PERSONS 26 ITEMS 62 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	168	254	-.470	.136	.97	-.6	.90	-1.1	.32	MC1
2	101	254	.730	.132	.94	-1.1	.91	-1.3	.34	MC2
3	171	254	-.528	.137	1.02	.3	1.07	.7	.22	MC3
4	51	254	1.792	.160	.95	-.5	.90	-.7	.29	MC4
5	210	254	-1.429	.167	.98	-.2	.90	-.5	.25	MC5
6	171	254	-.528	.137	1.13	2.1	1.11	1.2	.10	MC6
7			DROPPED							SPACE
8	302	242	-.208	.092	1.15	1.9	1.21	2.2	.22	CR
9	135	168	1.887	.184	1.10	.8	1.14	1.0	.12	CR
10	199	167	.020	.102	1.03	.4	1.09	.8	.34	CR
11			DROPPED							CR
12	272	244	.101	.079	.99	-.1	1.04	.4	.39	CR
13	150	207	-.686	.158	.85	-2.1	.86	-1.2	.44	CR
14	117	168	-.470	.172	.95	-.6	.94	-.4	.30	CR
15			DROPPED							CR
16	232	247	-2.625	.261	1.00	.0	.95	.0	.14	CR
17	148	251	-.119	.132	.92	-1.7	.89	-1.5	.36	CR
18	128	229	.039	.137	.97	-.7	.93	-1.0	.31	CR
19	158	227	-.614	.147	.98	-.3	.92	-.8	.28	CR
20			DROPPED							CR
21	239	252	-2.790	.279	1.00	.1	.90	-.1	.12	CR
22	205	249	-1.371	.167	.99	-.1	.93	-.4	.22	CR
23	158	214	-.856	.158	1.04	.5	1.06	.5	.18	CR
24	108	209	.210	.142	1.03	.8	1.02	.3	.20	CR
25			DROPPED							CR
26	137	239	2.073	.126	.98	-.3	.96	-.5	.31	CR
27	206	220	.453	.098	1.13	1.7	1.16	1.9	.25	CR
28	152	182	.696	.097	1.00	.0	1.01	.1	.37	CR
29			DROPPED							CR
30	140	249	2.850	.130	.97	-.6	.93	-1.1	.30	CR
31	152	241	1.074	.098	1.01	.1	1.03	.4	.36	CR
32	180	230	.770	.097	.94	-.5	.92	-1.0	.42	CR

TABLE 3.1 US History Form 402 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. [illegible]
Oct 6 10:22 1999 INPUT: 250 PERSONS 27 ITEMS ANALYZED: 250 PERSONS 15 ITEMS 36 CATEGORIES

SUMMARY OF 250 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	12.6	14.7	.66	.54	.99	.0	1.04	.1
S.D.	3.4	.8	.91	.14	.32	.8	.83	.7

RMSE .56 ADJ.S.D. .71 PERSON SEP 1.28 PERSON SEP REL. .62

SUMMARY OF 15 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	210.3	245.3	.00	.15	1.00	.0	1.04	.2
S.D.	100.7	6.5	1.51	.09	.05	.8	.14	.8

RMSE .19 ADJ.S.D. 1.50 ITEM SEP 8.49 ITEM SEP REL. .99

LACKING RESPONSES: 12 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 402 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:22 1999 INPUT: 250 PERSONS 27 ITEMS ANALYZED: 250 PERSONS 15 ITEMS 36 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	200	250	-.877	.156	1.00	.0	1.05	.3	.18	MC1
2	131	250	.497	.127	.99	-.1	.99	-.1	.23	MC2
3	83	250	1.363	.135	1.03	.5	1.06	.6	.17	MC3
4	112	250	.829	.128	.96	-.9	.98	-.3	.29	MC4
5	126	250	.584	.127	1.10	2.2	1.13	1.8	.09	MC5
6	97	250	1.098	.131	1.00	.0	.98	-.2	.22	MC6
7			DROPPED							SPACE
8	215	248	-1.359	.182	.93	-.5	.86	-.6	.26	CR
9	145	244	3.107	.129	.98	-.4	.96	-.5	.25	CR
10	206	227	.783	.084	.98	-.2	.96	-.3	.33	CR
11			DROPPED							CR
12	243	247	-3.566	.475	1.04	.2	1.08	.4	.00	CR
13	212	247	-1.307	.178	1.06	.5	1.34	1.5	.07	CR
14	315	243	.094	.083	1.00	.0	.93	-.5	.30	CR
15			DROPPED							CR
16	455	247	-1.457	.146	1.01	.1	1.33	1.1	.15	CR
17	356	242	-.235	.089	.89	-1.3	.84	-1.0	.35	CR
18	259	234	.447	.082	.99	-.2	1.05	.5	.28	CR
19			DROPPED							CR
20			DROPPED							CR
21			DROPPED							CR
22			DROPPED							CR
23			DROPPED							CR
24			DROPPED							CR
25			DROPPED							CR
26			DROPPED							CR
27			DROPPED							CR

TABLE 3.1 US History Form 403 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 1.07
Feb 6 10:22 1999 INPUT: 266 PERSONS 25 ITEMS ANALYZED: 266 PERSONS 20 ITEMS 53 CATEGORIES

SUMMARY OF 266 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	16.1	18.1	-.13	.45	1.01	.0	1.06	.1
S.D.	4.6	1.4	.78	.05	.39	1.0	.65	1.0

RMSE .45 ADJ.S.D. .64 PERSON SEP 1.44 PERSON SEP REL. .67

SUMMARY OF 20 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	213.8	240.2	.00	.19	.99	-.3	1.04	-.1
S.D.	135.6	57.0	1.31	.28	.10	1.5	.22	1.8

RMSE .33 ADJ.S.D. 1.26 ITEM SEP 3.79 ITEM SEP REL. .93

LACKING RESPONSES: 5 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 403 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 1.[illegible]
Feb 6 10:22 1999 INPUT: 266 PERSONS 25 ITEMS ANALYZED: 266 PERSONS 20 ITEMS 53 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFT	PTBIS	NAME
1	32	266	2.028	.190	1.06 .5	1.52 2.3	.03	MC1
2	165	266	-.668	.131	.97 -.6	.94 -.9	.27	MC2
3	56	266	1.322	.154	1.21 2.3	1.61 4.1	-.13	MC3
4	118	266	.126	.128	.86 -3.5	.83 -3.1	.41	MC4
5	214	266	-1.672	.158	.94 -.6	.84 -1.2	.29	MC5
6	150	266	-.410	.128	.88 -2.9	.84 -2.9	.39	MC6
7			DROPPED					SPACE
8	410	265	-1.409	.104	1.12 1.4	1.19 1.7	.14	CR
9	168	247	.943	.116	.97 -.4	.96 -.5	.30	CR
10	339	245	-.768	.087	1.11 1.3	1.10 .8	.24	CR
11			DROPPED					CR
12	461	254	-1.966	.134	1.08 .5	1.31 1.2	.15	CR
13	298	263	-.427	.091	.97 -.5	.98 -.2	.35	CR
14	1	1	-.241	1.383	.84 -1.3	.84 -1.3	1.00	CR
15			DROPPED					CR
16	56	266	2.232	.143	1.04 .4	1.05 .3	.17	CR
17	299	233	-.552	.086	1.07 .9	1.09 .8	.28	CR
18	224	213	-.176	.090	1.13 1.7	1.11 1.2	.20	CR
19			DROPPED					CR
20	430	258	-1.441	.104	1.03 .3	1.07 .4	.26	CR
21	93	243	2.675	.135	.86 -2.4	.80 -2.7	.42	CR
22	153	215	.540	.098	.88 -1.6	.85 -1.5	.40	CR
23			DROPPED					CR
24	231	257	1.025	.187	.91 -.6	.82 -1.0	.32	CR
25	379	247	-1.161	.098	.94 -.7	1.04 .3	.32	CR

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TAE 3.1 US History Form 404 first run                    R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.17
 6 10:21 1999   INPUT:   269 PERSONS    26 ITEMS    ANALYZED:   268 PERSONS    18 ITEMS    36 CATEGORIES
```

SUMMARY OF 268 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	10.7	17.2	.45	.60	.97	-.1	1.09	.1
S.D.	2.7	1.1	.86	.06	.34	1.0	.97	1.0

RMSE .60 ADJ.S.D. .64 PERSON SEP 1.06 PERSON SEP REL. .53

SUMMARY OF 18 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	158.6	255.9	.00	.16	.99	-.3	1.07	.1
S.D.	66.0	17.5	1.58	.05	.12	1.7	.32	1.9

RMSE .17 ADJ.S.D. 1.57 ITEM SEP 9.41 ITEM SEP REL. .99

LACKING RESPONSES: 8 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 404 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 6 10:22 1999 INPUT: 269 PERSONS 26 ITEMS ANALYZED: 269 PERSONS 18 ITEMS 39 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	98	268	1.030	.129	1.00	.1	1.05	.7	.18	MC1
2	182	268	-.403	.132	.88	-2.2	.80	-2.3	.34	MC2
3	183	269	-.422	.133	1.19	3.1	1.28	2.8	-.07	MC3
4	27	268	2.781	.200	1.19	1.3	2.12	3.7	-.19	MC4
5	100	268	.994	.129	1.09	1.7	1.14	1.9	.07	MC5
6	184	268	-.441	.133	1.02	.3	.98	-.1	.14	MC6
7			DROPPED							SPACE
8			DROPPED							CR
9			DROPPED							CR
10			DROPPED							CR
11			DROPPED							CR
12	219	261	-1.351	.166	.97	-.3	.97	-.1	.16	CR
13	241	267	-1.947	.201	1.03	.2	1.19	.8	.06	CR
14	50	243	1.908	.159	1.17	1.8	1.41	2.6	-.07	CR
15			DROPPED							CR
16	256	264	-3.156	.343	.95	.0	1.15	.5	.11	CR
17	176	254	-.454	.137	.95	-.8	.97	-.3	.24	CR
18	168	245	2.713	.137	.85	-2.3	.82	-2.0	.37	CR
19			DROPPED							CR
20	223	268	-1.305	.162	1.02	.3	1.15	.9	.09	CR
21	217	264	-1.228	.159	1.03	.3	1.13	.8	.10	CR
22	217	260	-1.318	.165	.99	.0	.90	-.5	.16	CR
23			DROPPED							CR
24	120	240	.453	.132	.94	-1.3	.96	-.6	.26	CR
25	100	233	.766	.136	.81	-3.8	.77	-3.6	.45	CR
26	94	200	1.379	.105	.71	-2.9	.53	-2.8	.46	CR

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BLE 3.1 US History Form 405 first run                    R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
eb  6 11:10 1999   INPUT:   395 PERSONS     8 ITEMS    ANALYZED:   390 PERSONS     7 ITEMS    18 CATEGORIES
```

SUMMARY OF 390 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.0	6.9	.10	.85	.96	.0	.98	.1
S.D.	2.1	.3	1.32	.11	.56	.9	.81	.9

RMSE .85 ADJ.S.D. 1.01 PERSON SEP 1.18 PERSON SEP REL. .58

MAXIMUM EXTREME SCORE: 3 PERSONS
MINIMUM EXTREME SCORE: 2 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	276.4	382.4	.00	.11	1.00	.1	.98	-.2
S.D.	186.2	18.5	1.08	.02	.10	1.6	.13	1.4

RMSE .11 ADJ.S.D. 1.07 ITEM SEP 9.43 ITEM SEP REL. .99

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

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TABLE 14.1 US History Form 405 first run                 R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
Feb  6 11:10 1999   INPUT:   395 PERSONS     8 ITEMS    ANALYZED:   390 PERSONS     7 ITEMS    18 CATEGORIES
```

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	300	390	-1.368	.126	.96	-.5	.87	-.9	.29	MC1
2	135	390	.683	.113	.99	-.2	.94	-.5	.23	MC2
3	329	390	-1.931	.143	1.08	.8	.98	.0	.18	MC3
4	185	390	.232	.108	.99	-.2	.95	-.6	.26	MC4
5	131	390	.952	.113	.99	-.2	1.06	.5	.25	MC5
6	160	390	.550	.110	1.19	3.5	1.24	2.5	.14	MC6
7			DROPPED							SPACE
8	696	337	.681	.066	.83	-2.4	.83	-2.4	.35	Essay

TABLE 3.1 US History Form 406 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:29 1999 INPUT: 402 PERSONS 8 ITEMS ANALYZED: 379 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 379 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.3	6.8	.60	.84	.90	-.1	1.07	.1
S.D.	2.4	.4	1.36	.15	.54	.8	1.04	.9

RMSE .85 ADJ.S.D. 1.07 PERSON SEP 1.26 PERSON SEP REL. .61

MAXIMUM EXTREME SCORE: 18 PERSONS
MINIMUM EXTREME SCORE: 5 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	284.7	367.7	.00	.12	.97	-.2	1.06	.3
S.D.	124.1	27.6	1.10	.03	.16	2.3	.42	3.1

RMSE .12 ADJ.S.D. 1.09 ITEM SEP 9.24 ITEM SEP REL. .99

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 406 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:29 1999 INPUT: 402 PERSONS 8 ITEMS ANALYZED: 379 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	276	379	-.667	.123	.95	-.8	.82	-1.3	.34	MC1
2	326	379	-1.659	.152	.92	-.7	.80	-.8	.28	MC2
3	256	379	-.354	.118	1.19	2.9	2.03	6.9	.08	MC3
4	123	379	1.482	.117	1.12	2.0	1.15	1.2	.22	MC4
5	285	379	-.819	.126	.96	-.5	.83	-1.1	.33	MC5
6	181	379	.682	.111	1.01	.1	1.07	.8	.30	MC6
7			DROPPED							SPACE
8	546	300	1.334	.059	.64	-4.7	.71	-3.7	.38	Essay1

TABLE 3.1 US History Form 407 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:30 1999 INPUT: 394 PERSONS 8 ITEMS ANALYZED: 380 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 380 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.2	6.8	.10	.82	.96	.0	1.04	.0
S.D.	2.1	.4	1.22	.10	.53	.9	.75	.9

RMSE .83 ADJ.S.D. .90 PERSON SEP 1.08 PERSON SEP REL. .54

MAXIMUM EXTREME SCORE: 8 PERSONS
MINIMUM EXTREME SCORE: 6 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	281.9	371.9	.00	.11	.99	-.1	1.03	.2
S.D.	215.6	19.9	.76	.02	.10	1.6	.15	1.7

RMSE .11 ADJ.S.D. .76 ITEM SEP 6.98 ITEM SEP REL. .98

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 407 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:30 1999 INPUT: 394 PERSONS 8 ITEMS ANALYZED: 380 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	235	380	-.497	.110	.93	-1.6	.87	-1.4	.28	MC1
2	240	380	-.562	.110	.98	-.4	1.04	.4	.20	MC2
3	214	380	-.230	.108	.99	-.2	1.08	1.0	.20	MC3
4	89	380	1.472	.126	1.07	.9	1.09	.7	.18	MC4
5	264	380	-.889	.115	1.06	1.1	1.06	.5	.13	MC5
6	140	380	.709	.111	1.13	2.3	1.29	3.0	.09	MC6
7			DROPPED							SPACE
8	791	323	-.005	.069	.80	-2.6	.79	-2.7	.37	Essay1

TABLE 3.1 US History Form 408 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:31 1999 INPUT: 390 PERSONS 8 ITEMS ANALYZED: 388 PERSONS 7 ITEMS 19 CATEGORIES

SUMMARY OF 388 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFIT
MEAN	5.2	6.9	-.09	.77	.97 .0	1.02 .0
S.D.	2.1	.3	1.05	.10	.50 .8	.62 .9

RMSE .78 ADJ.S.D. .70 PERSON SEP .89 PERSON SEP REL. .44

MAXIMUM EXTREME SCORE: 1 PERSONS
MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ OUTFIT
MEAN	289.6	381.0	.00	.10	1.00 -.1	1.02 .0
S.D.	262.9	17.1	.53	.02	.08 1.6	.14 1.7

RMSE .10 ADJ.S.D. .52 ITEM SEP 5.11 ITEM SEP REL. .96

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 408 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:31 1999 INPUT: 390 PERSONS 8 ITEMS ANALYZED: 388 PERSONS 7 ITEMS 19 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT	MNSQ INFIT	MNSQ OUTFT	MNSQ OUTFT	PTBIS	NAME
1	115	388	.887	.112	1.10	1.7	1.28	2.8	.04	MC1
2	129	388	.713	.110	1.09	1.7	1.13	1.5	.09	MC2
3	231	388	-.517	.105	1.06	1.4	1.07	1.0	.13	MC3
4	226	388	-.457	.105	.98	-.4	.97	-.5	.20	MC4
5	214	388	-.315	.104	.89	-2.8	.85	-2.5	.29	MC5
6	188	388	-.013	.104	.98	-.6	.96	-.6	.17	MC6
7			DROPPED							SPACE
8	938	338	-.398	.063	.89	-1.5	.88	-1.5	.20	Essay1

TABLE 3.1 US History Form 409 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:31 1999 INPUT: 399 PERSONS 8 ITEMS ANALYZED: 394 PERSONS 7 ITEMS 19 CATEGORIES

SUMMARY OF 394 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	4.5	6.9	.02	.87	.96	.0	1.07	.1
S.D.	1.8	.4	1.24	.11	.61	.9	1.19	.9

RMSE .87 ADJ.S.D. .88 PERSON SEP 1.00 PERSON SEP REL. .50

MAXIMUM EXTREME SCORE: 1 PERSONS
MINIMUM EXTREME SCORE: 4 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	250.7	385.9	.00	.11	.99	-.1	1.08	.3
S.D.	128.4	19.9	1.29	.02	.11	1.8	.30	2.2

RMSE .12 ADJ.S.D. 1.29 ITEM SEP 11.13 ITEM SEP REL. .99

LACKING RESPONSES: 1 ITEMS .

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 409 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:31 1999 INPUT: 399 PERSONS 8 ITEMS ANALYZED: 394 PERSONS 7 ITEMS 19 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT	PTBIS	NAME
1	336	394	-1.908	.140	.95	-.6	.93	-.3	.23	MC1
2	143	394	.705	.109	1.14	2.7	1.34	3.3	.06	MC2
3	84	394	1.561	.125	1.14	1.9	1.69	3.6	.03	MC3
4	172	394	.342	.107	.89	-2.4	.87	-1.6	.29	MC4
5	212	394	-.148	.107	1.01	.2	1.04	.5	.18	MC5
6	326	394	-1.825	.137	.98	-.3	.92	-.4	.21	MC6
7			DROPPED							SPACE
8	488	337	1.274	.069	.81	-2.5	.80	-2.7	.25	Essay1

TABLE 3.1 US History Form 410 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:32 1999 INPUT: 388 PERSONS 8 ITEMS ANALYZED: 373 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 373 MEASURED (NON-EXTREME) PERSONS

	.SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.8	6.8	.76	.91	.97	-.1	1.07	.1
S.D.	2.1	.4	1.48	.12	.67	1.0	1.32	.9

RMSE .92 ADJ.S.D. 1.17 PERSON SEP 1.27 PERSON SEP REL. .62

MAXIMUM EXTREME SCORE: 14 PERSONS
MINIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	308.1	364.4	.00	.12	.99	-.1	1.12	.6
S.D.	179.7	21.0	1.02	.02	.06	.8	.24	1.3

RMSE .12 ADJ.S.D. 1.01 ITEM SEP 8.34 ITEM SEP REL. .99

LACKING RESPONSES: 1 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 410 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:32 1999 INPUT: 388 PERSONS 8 ITEMS ANALYZED: 373 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	200	373	.487	.112	.98	-.3	.97	-.3	.32	MC1
2	241	373	-.091	.116	1.01	.2	1.27	1.8	.28	MC2
3	312	373	-1.339	.145	.94	-.6	.76	-.8	.28	MC3
4	249	373	-.210	.118	1.02	.4	1.22	1.4	.24	MC4
5	121	373	1.608	.120	1.06	1.0	1.26	1.9	.20	MC5
6	312	373	-1.339	.145	1.02	.3	1.48	1.6	.17	MC6
7			DROPPED							SPACE
8	722	313	.986	.078	.88	-1.6	.88	-1.5	.34	Essay1

TABLE 3.1 US History Form 412 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:02 1999 INPUT: 398 PERSONS 17 ITEMS ANALYZED: 360 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 360 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	6.4	6.8	1.26	1.02	.94	-.1	1.05	.1
S.D.	2.4	.4	1.81	.26	.91	.9	1.48	.8

RMSE 1.05 ADJ.S.D. 1.48 PERSON SEP 1.41 PERSON SEP REL. .66

MAXIMUM EXTREME SCORE: 38 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	329.0	349.3	.00	.12	.98	-.3	1.45	1.1
S.D.	175.8	26.2	.64	.02	.10	1.5	.64	1.7

RMSE .13 ADJ.S.D. .63 ITEM SEP 5.02 ITEM SEP REL. .96

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 412 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:02 1999 INPUT: 398 PERSONS 17 ITEMS ANALYZED: 360 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	250	360	-.061	.126	.90	-1.7	1.28	1.2	.44	MC1
2	258	360	-.202	.128	.98	-.3	1.63	2.1	.36	MC2
3	233	360	.234	.123	.91	-1.5	.87	-.6	.40	MC3
4	273	360	-.480	.133	.91	-1.2	.82	-.5	.38	MC4
5	295	360	-.940	.145	1.09	1.0	2.69	3.1	.26	MC5
6	237	360	.168	.124	1.18	2.8	1.92	3.5	.23	MC6
7			DROPPED							SPACE
8	757	285	1.281	.089	.92	-1.0	.91	-1.0	.38	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 US History Form 413 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:02 1999 INPUT: 385 PERSONS 17 ITEMS ANALYZED: 366 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 366 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.6	6.8	.67	.89	.97	.0	1.03	.1
S.D.	2.3	.4	1.49	.18	.69	.9	.99	.9

RMSE .91 ADJ.S.D. 1.18 PERSON SEP 1.29 PERSON SEP REL. .63

MAXIMUM EXTREME SCORE: 16 PERSONS
MINIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	294.3	354.7	.00	.11	.99	-.1	1.04	.3
S.D.	146.9	27.6	.80	.02	.06	.9	.14	1.0

RMSE .12 ADJ.S.D. .79 ITEM SEP 6.88 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 413 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:02 1999 INPUT: 385 PERSONS 17 ITEMS ANALYZED: 366 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	172	366	.722	.114	.97	-.5	1.05	.5	.35	MC1
2	212	366	.158	.114	1.01	.3	.97	-.2	.30	MC2
3	215	366	.115	.115	.98	-.5	1.25	1.8	.33	MC3
4	250	366	-.400	.119	1.11	1.9	1.25	1.4	.15	MC4
5	299	366	-1.063	.133	.94	-.8	.85	-.6	.29	MC5
6	281	366	-.896	.129	1.00	.0	1.00	.1	.28	MC6
7			DROPPED							SPACE
8	642	287	1.365	.076	.93	-.9	.91	-1.1	.36	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 US History Form 414 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:03 1999 INPUT: 383 PERSONS 17 ITEMS ANALYZED: 348 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 348 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.9	6.7	.84	.83	.92	.0	1.05	.1
S.D.	2.3	.4	1.14	.15	.51	.7	.96	.8

RMSE .84 ADJ.S.D. .77 PERSON SEP .91 PERSON SEP REL. .45

MAXIMUM EXTREME SCORE: 32 PERSONS
MINIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	290.9	334.3	.00	.12	.98	.0	1.04	.4
S.D.	141.6	33.6	.82	.03	.14	2.2	.23	2.2

RMSE .12 ADJ.S.D. .81 ITEM SEP 6.75 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 414 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:03 1999 INPUT: 383 PERSONS 17 ITEMS ANALYZED: 348 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	189	348	.573	.112	1.04	.9	1.14	1.9	.20	MC1
2	220	348	.145	.115	1.01	.1	1.05	.5	.19	MC2
3	230	348	.000	.117	.97	-.4	.99	.0	.21	MC3
4	184	348	.640	.111	1.22	4.3	1.27	3.5	.02	MC4
5	289	348	-1.033	.143	.96	-.4	1.40	2.0	.17	MC5
6	302	348	-1.348	.157	.93	-.6	.75	-1.1	.20	MC6
7			DROPPED							SPACE
8	622	252	1.023	.064	.71	-3.7	.71	-3.8	.24	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 US History Form 415 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:03 1999 INPUT: 386 PERSONS 17 ITEMS ANALYZED: 358 PERSONS 7 ITEMS 18 CATEGORIES

SUMMARY OF 358 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.6	6.7	.64	.84	.95	.0	1.03	.1
S.D.	2.4	.5	1.22	.16	.53	.8	.78	.8

RMSE .85 ADJ.S.D. .86 PERSON SEP 1.03 PERSON SEP REL. .52

MAXIMUM EXTREME SCORE: 22 PERSONS
MINIMUM EXTREME SCORE: 6 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	286.6	343.3	.00	.11	.99	.1	1.02	.3
S.D.	137.0	36.0	.55	.02	.11	1.8	.19	2.0

RMSE .11 ADJ.S.D. .53 ITEM SEP 4.81 ITEM SEP REL. .96

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 415 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:03 1999 INPUT: 386 PERSONS 17 ITEMS ANALYZED: 358 PERSONS 7 ITEMS 18 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	192	358	.402	.111	1.17	3.4	1.36	4.0	.07	MC1
2	230	358	-.119	.115	1.05	.9	1.12	1.2	.20	MC2
3	234	358	-.176	.115	1.02	.5	.93	-.6	.22	MC3
4	203	358	.253	.111	1.03	.6	1.09	1.0	.20	MC4
5	260	358	-.570	.122	.86	-2.2	.75	-2.0	.37	MC5
6	271	358	-.753	.126	.98	-.3	1.09	.7	.24	MC6
7			DROPPED							SPACE
8	616	255	.963	.069	.81	-2.3	.80	-2.4	.25	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

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.S 3.1 US History Form 416 first run                    R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
 7 11:04 1999   INPUT:   383 PERSONS    17 ITEMS    ANALYZED:   362 PERSONS     7 ITEMS    18 CATEGORIES
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SUMMARY OF 362 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.5	6.7	.57	.87	.97	.0	.99	.1
S.D.	2.3	.5	1.27	.15	.57	.9	.77	.9

RMSE .89 ADJ.S.D. .90 PERSON SEP 1.02 PERSON SEP REL. .51

MAXIMUM EXTREME SCORE: 18 PERSONS
MINIMUM EXTREME SCORE: 3 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	295.3	347.0	.00	.11	1.00	.1	.98	-.1
S.D.	155.1	36.7	.73	.02	.08	1.3	.14	1.4

RMSE .11 ADJ.S.D. .72 ITEM SEP 6.27 ITEM SEP REL. .98

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

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TABLE 14.1 US History Form 416 first run                R MODEL  "BIGSTEPS" RASCH ANALYSIS  VER. 2.27
Feb  7 11:04 1999   INPUT:   383 PERSONS    17 ITEMS    ANALYZED:   362 PERSONS     7 ITEMS    18 CATEGORIES
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ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	302	362	-1.379	.143	1.00	.1	.83	-.8	.25	MC1
2	235	362	-.222	.116	1.02	.4	1.17	1.6	.19	MC2
3	263	362	-.649	.122	1.03	.5	.98	-.1	.17	MC3
4	195	362	.334	.111	1.14	2.7	1.21	2.4	.13	MC4
5	176	362	.587	.111	.96	-.8	.91	-1.1	.25	MC5
6	176	362	.587	.111	.98	-.4	.95	-.5	.25	MC6
7			DROPPED							SPACE
8	650	257	.741	.078	.85	-1.8	.84	-1.9	.30	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 US History Form 417 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:05 1999 INPUT: 213 PERSONS 17 ITEMS ANALYZED: 203 PERSONS 7 ITEMS 17 CATEGORIES

SUMMARY OF 203 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	5.1	6.7	.45	.84	.99	.0	1.02	.0
S.D.	2.0	.5	1.06	.15	.46	.8	.75	.9

RMSE .86 ADJ.S.D. .62 PERSON SEP .73 PERSON SEP REL. .35

MAXIMUM EXTREME SCORE: 5 PERSONS
MINIMUM EXTREME SCORE: 5 PERSONS

SUMMARY OF 7 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	147.1	193.9	.00	.13	.99	.1	1.02	.2
S.D.	60.0	22.4	.57	.02	.06	.9	.11	1.0

RMSE .14 ADJ.S.D. .55 ITEM SEP 4.08 ITEM SEP REL. .94

LACKING RESPONSES: 10 ITEMS

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 417 first run R MODEL "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 11:05 1999 INPUT: 213 PERSONS 17 ITEMS ANALYZED: 203 PERSONS 7 ITEMS 17 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	155	203	-.827	.155	.94	-.6	1.12	.7	.18	MC1
2	119	203	.027	.135	1.04	.6	1.05	.6	.11	MC2
3	129	203	-.190	.138	1.07	1.1	1.06	.6	.04	MC3
4	90	203	.630	.134	.96	-.6	.89	-1.2	.22	MC4
5	151	203	-.718	.151	.91	-1.0	.86	-.8	.27	MC5
6	102	203	.381	.133	1.08	1.4	1.18	2.0	.05	MC6
7			DROPPED							SPACE
8	284	139	.696	.095	.96	-.3	.95	-.4	.04	Essay1
9			DROPPED							Essay2
10			DROPPED							Essay3
11			DROPPED							Essay4
12			DROPPED							Essay5
13			DROPPED							Essay6
14			DROPPED							Essay7
15			DROPPED							Essay8
16			DROPPED							Essay9
17			DROPPED							Essay10

TABLE 3.1 US History Form 418 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:47 1999 INPUT: 158 PERSONS 30 ITEMS ANALYZED: 158 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 158 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	13.9	30.0	-.19	.41	1.00	.0	1.02	.0
S.D.	4.7	.0	.81	.04	.16	1.0	.31	1.1

RMSE .42 ADJ.S.D. .69 PERSON SEP 1.67 PERSON SEP REL. .74

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	73.0	158.0	.00	.18	1.00	-.1	1.02	.1
S.D.	26.0	.0	.80	.01	.08	1.0	.17	1.2

RMSE .18 ADJ.S.D. .78 ITEM SEP 4.44 ITEM SEP REL. .95

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 418 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:47 1999 INPUT: 158 PERSONS 30 ITEMS ANALYZED: 158 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	92	158	-.559	.166	.96	-.8	.94	-.7	.30	MC1
2	112	158	-1.166	.179	1.02	.3	.98	-.1	.21	MC2
3	110	158	-1.101	.177	.94	-.8	.85	-1.3	.33	MC3
4	49	158	.686	.177	1.00	.0	1.06	.6	.23	MC4
5	68	158	.115	.166	1.13	2.1	1.29	3.5	.09	MC5
6	21	158	1.846	.237	1.24	1.4	1.72	2.5	-.14	MC6
7	81	158	-.250	.164	.99	-.2	.99	-.2	.27	MC7
8	78	158	-.166	.164	.94	-1.2	.94	-.9	.34	MC8
9	93	158	-.588	.166	.98	-.3	.96	-.4	.26	MC9
10	74	158	-.054	.165	1.02	.4	1.04	.5	.23	MC10
11	37	158	1.107	.192	.95	-.5	1.02	.2	.28	MC11
12	68	158	.115	.166	.95	-.9	.94	-.7	.32	MC12
13	75	158	-.083	.165	1.07	1.3	1.06	.8	.17	MC13
14	62	158	.299	.168	.94	-.9	1.07	.8	.32	MC14
15	40	158	.995	.188	.99	.0	1.06	.4	.23	MC15
16	68	158	.115	.166	1.04	.7	1.05	.6	.20	MC16
17	74	158	-.054	.165	.97	-.6	.94	-.9	.30	MC17
18	104	158	-.912	.172	.85	-2.3	.77	-2.4	.44	MC18
19	117	158	-1.337	.185	.85	-1.6	.79	-1.6	.40	MC19
20	116	158	-1.302	.183	1.02	.1	1.04	.3	.20	MC20
21	39	158	1.032	.189	1.07	.7	1.09	.7	.13	MC21
22	44	158	.853	.182	1.14	1.5	1.18	1.4	.07	MC22
23	104	158	-.912	.172	.89	-1.6	.85	-1.5	.38	MC23
24	85	158	-.362	.165	.91	-1.8	.89	-1.5	.37	MC24
25	65	158	.201	.167	1.08	1.4	1.07	.9	.15	MC25
26	39	158	1.032	.189	1.09	.9	1.10	.8	.14	MC26
27	65	158	.201	.167	.99	-.1	.98	-.3	.27	MC27
28	39	158	1.069	.191	.98	-.2	1.00	.1	.26	MC28
29	87	158	-.418	.165	1.00	.1	1.09	1.2	.23	MC29
30	86	158	-.390	.165	.99	-.2	.97	-.4	.27	MC30

TABLE 3.1 US History Form 419 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:48 1999 INPUT: 164 PERSONS 30 ITEMS ANALYZED: 164 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 164 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	12.0	30.0	-.53	.43	1.00	-.1	1.04	.0
S.D.	5.0	.0	.90	.08	.13	.8	.29	.9

RMSE .44 ADJ.S.D. .79 PERSON SEP 1.81 PERSON SEP REL. .77

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	65.4	164.0	.00	.18	1.00	-.3	1.04	.0
S.D.	24.6	.0	.77	.02	.09	1.4	.18	1.4

RMSE .18 ADJ.S.D. .75 ITEM SEP 4.21 ITEM SEP REL. .95

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 419 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:48 1999 INPUT: 164 PERSONS 30 ITEMS ANALYZED: 164 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	80	164	-.461	.163	1.06	1.1	1.08	1.0	.20	MC1
2	26	164	1.339	.219	1.12	.9	1.04	.3	.13	MC2
3	69	164	-.157	.165	1.12	2.0	1.13	1.4	.14	MC3
4	49	164	.473	.178	1.12	1.3	1.54	3.6	.12	MC4
5	70	164	-.185	.165	.97	-.5	1.00	.0	.32	MC5
6	24	164	1.441	.225	1.03	.2	1.27	1.1	.15	MC6
7	55	164	.252	.172	1.08	1.0	1.09	.8	.19	MC7
8	65	164	-.044	.166	.97	-.4	1.13	1.4	.32	MC8
9	81	164	-.488	.163	.81	-3.7	.77	-3.1	.51	MC9
10	65	164	-.044	.166	1.02	.3	1.03	.3	.26	MC10
11	47	164	.506	.179	1.03	.3	1.09	.7	.24	MC11
12	109	164	-1.278	.171	.99	-.2	.96	-.3	.28	MC12
13	41	164	.713	.187	1.19	1.8	1.22	1.4	.06	MC13
14	55	164	.252	.172	1.05	.7	1.02	.2	.23	MC14
15	27	164	1.290	.216	1.09	.7	1.37	1.5	.09	MC15
16	81	164	-.488	.163	.81	-3.8	.75	-3.3	.52	MC16
17	45	164	.573	.182	1.04	.4	1.06	.4	.22	MC17
18	26	164	1.339	.219	1.05	.6	1.37	1.5	.09	MC18
19	37	164	.862	.193	.91	-.9	.90	-.5	.35	MC19
20	72	164	-.241	.164	.91	-1.6	.90	-1.2	.40	MC20
21	54	164	.282	.173	.97	-.4	.95	-.4	.32	MC21
22	111	164	-1.340	.173	.95	-.7	.94	-.5	.31	MC22
23	71	164	-.213	.164	.89	-2.0	.89	-1.3	.43	MC23
24	106	164	-1.189	.169	.95	-.8	.94	-.5	.32	MC24
25	76	164	-.351	.163	1.02	.4	1.07	.8	.25	MC25
26	89	164	-.707	.163	1.00	.1	1.01	.1	.27	MC26
27	62	164	.043	.168	1.03	.5	1.04	.4	.24	MC27
28	92	164	-.790	.164	.94	-1.1	.92	-.9	.34	MC28
29	98	164	-.958	.165	.92	-1.4	.87	-1.5	.36	MC29
30	79	164	-.434	.163	.85	-2.8	.81	-2.4	.46	MC30

TABLE 3.1 US History Form 420 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:49 1999 INPUT: 163 PERSONS, 30 ITEMS ANALYZED: 163 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 163 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	13.3	30.0	-.26	.42	1.00	.0	1.00	.0
S.D.	5.1	.0	.89	.06	.13	.8	.22	.9

RMSE .42 ADJ.S.D. .78 PERSON SEP 1.85 PERSON SEP REL. .77

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	72.4	163.0	.00	.17	1.00	.0	1.00	.0
S.D.	24.4	.0	.72	.01	.08	1.2	.12	1.1

RMSE .17 ADJ.S.D. .70 ITEM SEP 4.06 ITEM SEP REL. .94

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 420 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:49 1999 INPUT: 163 PERSONS 30 ITEMS ANALYZED: 163 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT	PTBIS	NAME
1	110	163	-1.084	.172	1.07	1.1	1.15	1.1	.15	MC1
2	102	163	-.848	.167	1.02	.4	1.02	.3	.23	MC2
3	73	163	-.043	.164	.95	-.8	1.01	.2	.34	MC3
4	58	163	.388	.171	.96	-.6	.90	-1.1	.35	MC4
5	74	163	-.071	.164	1.01	.2	.97	-.3	.27	MC5
6	42	163	.910	.187	1.03	.4	1.18	1.3	.23	MC6
7	38	163	1.059	.193	.97	-.2	.97	-.1	.30	MC7
8	110	163	-1.084	.172	.97	-.4	.93	-.5	.28	MC8
9	68	163	.097	.166	1.15	2.5	1.18	2.0	.10	MC9
10	99	163	-.762	.166	1.02	.3	1.00	.0	.24	MC10
11	108	163	-1.024	.170	.99	-.1	.95	-.4	.26	MC11
12	56	163	.449	.172	1.02	.2	1.00	.1	.28	MC12
13	52	163	.573	.175	1.15	1.8	1.32	2.7	.11	MC13
14	58	163	.388	.171	.95	-.7	.95	-.5	.35	MC14
15	27	163	1.535	.219	1.07	.5	1.16	.8	.18	MC15
16	78	163	-.182	.163	1.11	1.9	1.13	1.5	.15	MC16
17	75	163	-.099	.164	1.02	.4	1.00	.0	.25	MC17
18	69	163	.069	.165	.92	-1.3	.92	-1.0	.38	MC18
19	110	163	-1.084	.172	.89	-1.6	.79	-1.7	.39	MC19
20	51	163	.605	.176	.99	-.2	1.07	.6	.29	MC20
21	79	163	-.209	.163	1.03	.6	1.01	.2	.24	MC21
22	45	163	.805	.183	1.00	.0	.99	.0	.29	MC22
23	83	163	-.319	.163	.89	-2.1	.85	-1.9	.41	MC23
24	82	163	-.291	.163	.88	-2.3	.84	-2.0	.43	MC24
25	113	163	-1.177	.174	.90	-1.4	.84	-1.2	.36	MC25
26	49	163	.670	.178	.89	-1.3	.83	-1.5	.43	MC26
27	93	163	-.594	.164	.91	-1.7	.86	-1.4	.38	MC27
28	46	163	.770	.181	1.11	1.2	1.11	.9	.17	MC28
29	47	163	.737	.180	1.07	.8	1.05	.4	.21	MC29
30	78	163	-.182	.163	1.07	1.2	1.09	1.0	.20	MC30

TABLE 3.1 US History Form 421 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 158 PERSONS 30 ITEMS ANALYZED: 157 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 157 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT		MNSQ OUTFIT	
MEAN	17.1	30.0	.43	.44	1.00	.0	1.00	.1
S.D.	6.0	.0	1.11	.10	.12	.8	.22	.8

RMSE .45 ADJ.S.D. 1.02 PERSON SEP 2.24 PERSON SEP REL. .83

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT		MNSQ OUTFIT	
MEAN	89.6	157.0	.00	.18	1.00	-.1	1.00	.0
S.D.	23.0	.0	.81	.02	.12	1.6	.22	1.5

RMSE .19 ADJ.S.D. .79 ITEM SEP 4.24 ITEM SEP REL. .95

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 421 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 158 PERSONS 30 ITEMS ANALYZED: 157 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ INFIT		MNSQ OUTFT		PTBIS	NAME
1	123	157	-1.119	.202	1.20	1.8	1.37	1.5	.08	MC1
2	73	157	.555	.174	.93	-1.0	.90	-1.0	.45	MC2
3	86	157	.154	.173	.94	-.9	.91	-.8	.43	MC3
4	115	157	-.803	.190	.91	-1.0	.76	-1.3	.43	MC4
5	100	157	-.286	.177	.96	-.5	.92	-.5	.39	MC5
6	62	157	.904	.177	1.01	.2	1.05	.5	.36	MC6
7	83	157	.247	.173	.88	-1.8	.84	-1.5	.49	MC7
8	117	157	-.879	.192	.92	-.8	.87	-.6	.38	MC8
9	80	157	.339	.173	.97	-.4	.92	-.8	.41	MC9
10	87	157	.123	.173	.83	-2.7	.79	-2.0	.54	MC10
11	55	157	1.137	.182	1.17	1.9	1.24	1.8	.22	MC11
12	80	157	.339	.173	1.06	.8	1.08	.8	.32	MC12
13	84	157	.216	.173	.91	-1.3	.90	-.9	.46	MC13
14	145	157	-1.419	.301	.98	.0	.74	-.4	.25	MC14
15	123	157	-1.119	.202	.86	-1.4	.77	-1.0	.44	MC15
16	94	157	-.095	.175	1.32	4.2	1.72	4.8	.06	MC16
17	64	157	.839	.177	1.05	.7	1.20	1.7	.32	MC17
18	113	157	-.730	.187	.91	-1.0	.81	-1.0	.42	MC18
19	86	157	.154	.173	.89	-1.6	.83	-1.5	.48	MC19
20	114	157	-.766	.188	1.01	.1	1.06	.4	.30	MC20
21	74	157	.514	.173	1.22	2.9	1.24	2.1	.18	MC21
22	81	157	.308	.173	.95	-.7	.89	-1.1	.42	MC22
23	72	157	.586	.174	1.01	.2	1.09	.9	.37	MC23
24	117	157	-.879	.192	.93	-.7	.83	-.9	.39	MC24
25	94	157	-.095	.175	.90	-1.5	.81	-1.6	.47	MC25
26	62	157	.904	.177	1.00	.0	1.07	.6	.36	MC26
27	110	157	-.623	.184	.88	-1.5	.79	-1.2	.45	MC27
28	68	157	.712	.175	.93	-.9	.93	-.7	.44	MC28
29	51	157	1.275	.185	1.24	2.5	1.34	2.3	.14	MC29
30	75	157	.493	.173	1.16	2.2	1.20	1.9	.25	MC30

TABLE 3.1 US History Form 422 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 162 PERSONS 30 ITEMS ANALYZED: 161 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 161 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	15.8	30.0	.16	.44	1.00	.0	1.03	.0
S.D.	5.7	.0	1.08	.06	.17	.9	.48	.9

RMSE .44 ADJ.S.D. .98 PERSON SEP 2.20 PERSON SEP REL. .83

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	84.7	161.0	.00	.18	.99	-.1	1.03	.1
S.D.	29.6	.0	1.01	.02	.14	1.6	.37	1.7

RMSE .19 ADJ.S.D. .99 ITEM SEP 5.32 ITEM SEP REL. .97

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 422 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 162 PERSONS 30 ITEMS ANALYZED: 161 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	79	161	.213	.169	.88	-1.8	.86	-1.4	.47	MC1
2	127	161	-1.386	.204	.88	-1.0	.76	-1.2	.44	MC2
3	145	161	-2.387	.272	.91	-.4	.82	-.4	.32	MC3
4	75	161	.331	.169	.81	-3.1	.77	-2.3	.54	MC4
5	102	161	-.493	.175	1.02	.3	1.04	.4	.32	MC5
6	109	161	-.711	.180	1.06	.7	1.09	.7	.28	MC6
7	61	161	.754	.173	.89	-1.6	.93	-.5	.44	MC7
8	36	161	1.623	.198	1.46	3.8	2.65	5.6	-.17	MC8
9	92	161	-.174	.171	.98	-.2	1.04	.4	.38	MC9
10	74	161	.361	.170	.88	-1.9	.81	-1.9	.48	MC10
11	49	161	1.143	.182	.92	-.9	.94	-.4	.40	MC11
12	66	161	.601	.171	.94	-.9	1.01	.1	.39	MC12
13	80	161	.183	.169	1.06	.9	1.09	.9	.30	MC13
14	98	161	-.357	.173	.95	-.7	.90	-.9	.41	MC14
15	122	161	-1.180	.195	.82	-1.8	.65	-2.1	.51	MC15
16	140	161	-2.045	.244	.84	-1.0	.60	-1.4	.43	MC16
17	134	161	-1.712	.221	.76	-1.9	.58	-1.9	.51	MC17
18	99	161	-.388	.174	1.03	.4	1.03	.3	.33	MC18
19	104	161	-.547	.177	1.00	.0	1.04	.3	.35	MC19
20	40	161	1.466	.192	1.05	.6	1.32	1.6	.25	MC20
21	80	161	.183	.169	1.02	.4	1.01	.1	.34	MC21
22	45	161	1.282	.186	.97	-.3	1.03	.2	.32	MC22
23	48	161	1.177	.182	1.25	2.8	1.55	3.0	.08	MC23
24	93	161	-.204	.171	1.08	1.1	1.04	.4	.29	MC24
25	77	161	.272	.169	1.22	3.2	1.29	2.7	.14	MC25
26	57	161	.880	.176	1.17	2.2	1.20	1.4	.18	MC26
27	100	161	-.420	.174	1.04	.6	.98	-.2	.33	MC27
28	90	161	-.114	.170	1.01	.2	1.08	.8	.35	MC28
29	55	161	.944	.177	.83	-2.3	.73	-2.1	.51	MC29
30	63	161	.692	.173	.98	-.2	.95	-.4	.36	MC30

TABLE 3.1 US History Form 423 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 159 PERSONS 30 ITEMS ANALYZED: 158 PERSONS 30 ITEMS 60 CATEGORIES

SUMMARY OF 158 MEASURED (NON-EXTREME) PERSONS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	17.0	30.0	.37	.44	1.00	.0	1.01	.1
S.D.	6.7	.0	1.17	.10	.09	.6	.18	.7

RMSE .45 ADJ.S.D. 1.08 PERSON SEP 2.39 PERSON SEP REL. .85

MAXIMUM EXTREME SCORE: 1 PERSONS

SUMMARY OF 30 MEASURED (NON-EXTREME) ITEMS

	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFIT
MEAN	89.4	158.0	.00	.18	1.00	-.1	1.01	.1
S.D.	16.3	.0	.54	.00	.11	1.3	.16	1.2

RMSE .18 ADJ.S.D. .51 ITEM SEP 2.82 ITEM SEP REL. .89

SUMMARY OF MEASURED STEPS

TABLE 14.1 US History Form 423 first run "BIGSTEPS" RASCH ANALYSIS VER. 2.27
Feb 7 10:50 1999 INPUT: 159 PERSONS 30 ITEMS ANALYZED: 158 PERSONS 30 ITEMS 60 CATEGORIES

ITEMS STATISTICS: ENTRY ORDER

NUM	SCORE	COUNT	MEASURE	ERROR	MNSQ	INFIT	MNSQ	OUTFT	PTBIS	NAME
1	88	158	.049	.176	1.01	.2	1.16	1.4	.40	MC1
2	96	158	-.209	.178	.97	-.4	.90	-.7	.44	MC2
3	104	158	-.475	.182	1.07	.9	1.04	.3	.33	MC3
4	95	158	-.176	.178	1.02	.3	1.03	.3	.39	MC4
5	82	158	.240	.175	.95	-.7	.90	-.9	.46	MC5
6	103	158	-.441	.181	1.05	.6	1.06	.4	.34	MC6
7	87	158	.081	.176	1.12	1.6	1.28	2.3	.31	MC7
8	88	158	.049	.176	.99	-.2	.95	-.4	.43	MC8
9	78	158	.367	.175	1.05	.6	1.04	.4	.37	MC9
10	107	158	-.579	.184	.95	-.6	.86	-.8	.43	MC10
11	47	158	1.409	.190	1.10	1.0	1.28	1.6	.27	MC11
12	113	158	-.794	.189	.90	-1.2	.86	-.7	.45	MC12
13	93	158	-.111	.177	1.02	.3	1.03	.2	.39	MC13
14	90	158	-.015	.176	.91	-1.3	.84	-1.4	.49	MC14
15	86	158	.113	.176	.95	-.7	.91	-.8	.46	MC15
16	112	158	-.758	.188	.82	-2.1	.74	-1.6	.53	MC16
17	88	158	.049	.176	.90	-1.4	.86	-1.2	.50	MC17
18	75	158	.462	.176	.92	-1.2	.87	-1.2	.48	MC18
19	109	158	-.649	.185	.93	-.8	1.02	.2	.43	MC19
20	104	158	-.475	.182	.90	-1.3	.93	-.4	.48	MC20
21	88	158	.049	.176	.91	-1.2	.98	-.1	.49	MC21
22	87	158	.081	.176	1.10	1.3	1.14	1.2	.33	MC22
23	108	158	-.510	.182	.95	-.6	.92	-.5	.44	MC23
24	90	158	-.015	.176	1.01	.2	1.08	.7	.40	MC24
25	66	158	.752	.178	1.33	3.8	1.37	2.9	.16	MC25
26	68	158	.687	.177	1.04	.5	1.07	.7	.37	MC26
27	94	158	-.144	.177	1.23	2.9	1.32	2.3	.20	MC27
28	82	158	.240	.175	.90	-1.3	.89	-1.0	.50	MC28
29	108	158	-.614	.185	.89	-1.3	.81	-1.2	.48	MC29
30	49	158	1.335	.188	1.02	.2	1.09	.6	.37	MC30

Appendix D

Item Analysis for Global History

Item Statistics for Global History Form 201.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.12	.12	.49	.27	.00	0.49	0.24	1.042
2	M	.00	.00	.04	.04	.20	.72	.00	0.72	0.11	-0.068
3	M	.00	.00	.73	.08	.09	.09	.00	0.73	0.27	-0.163
4	M	.00	.00	.09	.70	.12	.08	.00	0.70	0.30	-0.009
5	M	.00	.00	.06	.14	.28	.52	.00	0.52	0.17	0.885
6	M	.00	.00	.45	.16	.31	.07	.00	0.45	0.23	1.210
1	O	.00	.18	.78	.00	.00	.00	.04	1.02	0.53	-0.645
2	O	.00	.14	.82	.00	.00	.00	.04	1.04	0.43	-0.994
3	O	.00	.27	.68	.00	.00	.00	.04	0.95	0.57	-0.037
4	O	.00	.29	.67	.00	.00	.00	.04	0.89	0.58	0.020
5	O	.00	.08	.85	.00	.00	.00	.06	1.23	0.32	-1.540
6	O	.01	.18	.69	.00	.00	.00	.12	1.40	0.55	-0.426
7	O	.00	.29	.58	.00	.00	.00	.13	1.37	0.35	0.239
8	O	.00	.22	.67	.00	.00	.00	.11	1.32	0.43	-0.194
9	O	.00	.25	.63	.00	.00	.00	.12	1.35	0.53	0.000
10	O	.02	.16	.70	.00	.00	.00	.11	1.39	0.33	-0.587
1	O	.01	.14	.85	.00	.00	.00	.00	0.85	0.05	-1.027
2	O	.01	.02	.97	.00	.00	.00	.00	0.97	0.02	-3.338
3	O	.01	.12	.87	.00	.00	.00	.00	0.87	0.06	-1.271
4	O	.01	.32	.29	.37	.00	.00	.01	1.10	0.09	0.892
1	O	.00	.62	.34	.00	.00	.00	.03	0.55	0.18	1.682
2	O	.00	.55	.42	.00	.00	.00	.03	0.61	0.21	1.284
3	O	.00	.26	.71	.00	.00	.00	.03	0.90	0.06	-0.135
4	O	.00	.44	.53	.00	.00	.00	.03	0.73	0.15	0.780
5	O	.00	.31	.66	.00	.00	.00	.03	0.85	0.21	0.115
6	O	.00	.59	.38	.00	.00	.00	.03	0.57	0.21	1.483
7	O	.00	.44	.52	.00	.00	.00	.04	0.75	0.20	0.803

Item Statistics for Global History Form 202.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.30	.14	.45	.10	.00	0.45	-.03	1.239
2	M	.00	.00	.61	.19	.08	.13	.00	0.61	0.23	0.509
3	M	.00	.00	.13	.04	.70	.12	.00	0.70	0.31	0.044
4	M	.00	.00	.26	.53	.13	.08	.00	0.53	0.22	0.867
5	M	.00	.00	.43	.17	.08	.32	.00	0.43	0.29	1.322
6	M	.00	.00	.09	.15	.10	.66	.00	0.66	0.35	0.258
1	O	.01	.22	.75	.00	.00	.00	.02	0.88	0.38	-0.371
2	O	.01	.05	.93	.00	.00	.00	.02	1.02	0.23	-2.105
3	O	.01	.07	.90	.00	.00	.00	.02	1.04	0.23	-1.812
4	O	.01	.05	.93	.00	.00	.00	.02	1.06	0.24	-2.230
5	O	.01	.19	.78	.00	.00	.00	.02	0.91	0.30	-0.571
6	O	.01	.06	.91	.00	.00	.00	.02	1.04	0.20	-1.979
1	O	.00	.29	.65	.00	.00	.00	.06	1.01	0.33	0.090
2	O	.00	.10	.85	.00	.00	.00	.05	1.12	0.14	-1.292
3	O	.00	.44	.44	.00	.00	.00	.11	1.13	0.17	1.044
4	O	.00	.71	.23	.00	.00	.00	.07	0.62	0.24	2.332
1	O	.01	.19	.78	.00	.00	.00	.02	0.89	0.27	-0.591
2	O	.02	.06	.31	.57	.00	.00	.04	1.68	0.23	-0.404
1	O	.00	.24	.76	.00	.00	.00	.01	0.79	0.22	-0.300
2	O	.00	.40	.55	.00	.00	.00	.05	0.85	0.30	0.660
3	O	.00	.25	.44	.07	.00	.00	.23	1.96	0.29	1.890
1	O	.00	.42	.56	.00	.00	.00	.01	0.64	0.23	0.685
2	O	.09	.08	.81	.00	.00	.00	.02	0.91	0.09	-1.567
3	O	.09	.65	.21	.00	.00	.00	.04	0.47	0.17	2.282

Item Statistics for Global History Form 203.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.42	.06	.32	.19	.00	0.32	0.26	1.499
2	M	.00	.00	.06	.19	.27	.47	.00	0.47	0.25	0.776
3	M	.00	.00	.12	.11	.20	.57	.00	0.57	0.36	0.323
4	M	.00	.00	.07	.08	.58	.27	.00	0.58	0.08	0.295
5	M	.00	.00	.14	.12	.66	.08	.00	0.66	0.29	-0.077
6	M	.01	.00	.20	.30	.46	.04	.00	0.20	-.06	2.189
1	O	.00	.16	.83	.00	.00	.00	.01	0.88	0.28	2.915
2	O	.00	.14	.54	.29	.00	.00	.03	1.28	0.35	0.251
3	O	.00	.15	.36	.43	.00	.00	.06	1.56	0.29	0.025
4	O	.01	.29	.23	.29	.00	.00	.19	1.94	0.38	0.696
1	O	.00	.09	.79	.09	.00	.00	.02	1.12	0.10	0.687
2	O	.00	.37	.51	.11	.00	.00	.02	0.83	0.18	1.425
3	O	.24	.10	.39	.22	.00	.00	.05	1.15	0.34	0.173
4	O	.24	.06	.20	.45	.00	.00	.05	1.38	0.34	-0.565
1	O	.00	.25	.69	.00	.00	.00	.06	1.06	0.27	-0.437
2	O	.00	.44	.49	.00	.00	.00	.07	0.93	0.38	0.556
3	O	.00	.37	.55	.00	.00	.00	.08	1.04	0.33	0.279
4	O	.00	.33	.59	.00	.00	.00	.08	1.10	0.32	0.045
5	O	.00	.42	.50	.00	.00	.00	.08	0.97	0.38	0.496
6	O	.22	.34	.37	.00	.00	.00	.07	0.80	0.35	0.568
7	O	.22	.25	.45	.00	.00	.00	.07	0.87	0.37	-0.007
1	O	.00	.06	.89	.00	.00	.00	.05	1.19	0.16	-2.247
2	O	.00	.09	.85	.00	.00	.00	.05	1.16	0.28	-1.708
3	O	.00	.14	.81	.00	.00	.00	.05	1.12	0.29	-1.286
4	O	.01	.14	.80	.00	.00	.00	.05	1.09	0.34	-1.197
5	O	.01	.73	.21	.00	.00	.00	.05	0.54	-.05	2.073
1	O	.00	.14	.83	.01	.00	.00	.02	0.98	0.10	2.135
2	O	.04	.00	.03	.92	.00	.00	.02	1.97	0.13	-2.922
3	O	.04	.19	.48	.17	.00	.00	.12	1.56	0.30	0.748
1	O	.00	.40	.56	.00	.00	.00	.04	0.78	0.22	0.316
2	O	.00	.36	.59	.00	.00	.00	.05	0.89	0.14	0.130
3	O	.00	.44	.27	.25	.00	.00	.04	1.03	0.34	1.057
1	O	.00	.20	.77	.00	.00	.00	.03	0.97	0.27	-0.826
2	O	.00	.15	.82	.00	.00	.00	.03	1.02	0.41	-1.235
3	O	.00	.10	.86	.00	.00	.00	.04	1.08	0.18	-1.700
4	O	.00	.13	.83	.00	.00	.00	.04	1.05	0.40	-1.383
5	O	.00	.19	.73	.00	.00	.00	.09	1.25	0.28	-0.792
6	O	.00	.14	.76	.00	.00	.00	.10	1.37	0.38	-1.130
7	O	.00	.21	.66	.00	.00	.00	.13	1.43	0.24	-0.543
8	O	.00	.09	.79	.00	.00	.00	.11	1.47	0.37	-1.602

Item Statistics for Global History Form 204.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.01	.00	.45	.03	.14	.37	.00	0.45	-.02	1.155
2	M	.01	.00	.08	.07	.73	.12	.00	0.73	0.27	-0.137
3	M	.01	.00	.16	.39	.09	.34	.00	0.39	0.22	1.412
4	M	.01	.00	.29	.45	.22	.04	.00	0.45	0.23	1.174
5	M	.00	.00	.07	.18	.12	.63	.00	0.63	0.21	0.336
6	M	.01	.00	.76	.08	.04	.11	.00	0.76	0.22	-0.338
MISSING											
1	O	.00	.27	.73	.00	.00	.00	.00	0.74	0.30	-0.143
2	O	.00	.43	.57	.00	.00	.00	.00	0.58	0.16	0.631
3	O	.01	.14	.24	.55	.00	.00	.06	1.68	0.35	0.107
1	O	.00	.13	.86	.00	.00	.00	.02	0.96	0.12	-1.086
2	O	.00	.08	.13	.78	.00	.00	.01	1.76	0.27	-0.508
3	O	.01	.21	.24	.44	.00	.00	.11	1.76	0.25	0.510
MISSING											
1	O	.00	.03	.22	.72	.00	.00	.02	1.81	0.08	-0.956
2	O	.00	.60	.38	.00	.00	.00	.03	0.53	-.02	1.440
3	O	.00	.60	.24	.06	.00	.00	.10	0.99	0.13	2.441
1	O	.00	.45	.47	.00	.00	.00	.07	0.91	0.38	0.910
2	O	.00	.07	.87	.00	.00	.00	.06	1.22	0.30	-1.677
3	O	.00	.10	.83	.00	.00	.00	.07	1.23	0.34	-1.284
4	O	.00	.23	.70	.00	.00	.00	.07	1.13	0.30	-0.277
5	O	.00	.08	.86	.00	.00	.00	.06	1.20	0.30	-1.537
6	O	.00	.13	.81	.00	.00	.00	.06	1.16	0.39	-0.989
7	O	.01	.11	.81	.00	.00	.00	.07	1.23	0.38	-1.183

Item Statistics for Global History Form 205.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.68	.19	.06	.07	.00	.00	0.68	0.27	-0.427
2	M	.00	.00	.02	.63	.27	.07	.00	.00	0.63	0.12	-0.176
3	M	.00	.00	.65	.19	.10	.05	.00	.00	0.65	0.18	-0.269
4	M	.00	.00	.10	.01	.03	.87	.00	.00	0.87	0.28	-1.712
5	M	.00	.00	.41	.05	.09	.45	.00	.00	0.41	0.21	0.947
6	M	.00	.00	.20	.12	.17	.51	.00	.00	0.51	0.29	0.432
1	O	.02	.15	.26	.24	.20	.08	.05	.00	1.92	0.36	1.205

Item Statistics for Global History Form 206.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.02	.03	.05	.90	.00	.00	0.90	0.28	-1.799
2	M	.00	.00	.09	.04	.24	.62	.00	.00	0.62	0.21	0.182
3	M	.00	.00	.60	.11	.04	.24	.00	.00	0.60	0.19	0.289
4	M	.00	.00	.96	.01	.01	.01	.00	.00	0.96	0.12	-2.981
5	M	.00	.00	.04	.33	.41	.21	.00	.00	0.33	0.17	1.660
6	M	.00	.00	.38	.41	.12	.09	.00	.00	0.38	0.13	1.403
1	O	.01	.09	.18	.34	.24	.09	.05	.00	2.19	0.26	1.245

Item Statistics for Global History Form 207.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.39	.35	.19	.07	.00	.00	0.39	0.14	0.762
2	M	.00	.00	.11	.36	.45	.08	.00	.00	0.45	0.00	0.483
3	M	.00	.00	.19	.44	.26	.11	.00	.00	0.44	0.17	0.524
4	M	.00	.00	.02	.01	.19	.78	.00	.00	0.78	0.25	-1.198
5	M	.00	.00	.87	.04	.05	.05	.00	.00	0.87	0.26	-1.902
6	M	.00	.00	.13	.23	.42	.22	.00	.00	0.42	0.16	0.607
1	O	.01	.08	.13	.38	.30	.08	.02	.00	2.23	0.27	0.724

em Statistics for Global History Form 208.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.48	.20	.24	.08	.00	.00	0.48	0.19	0.358
2	M	.00	.00	.04	.05	.13	.78	.00	.00	0.78	0.16	-1.250
3	M	.00	.00	.02	.04	.07	.87	.00	.00	0.87	0.18	-1.923
4	M	.00	.00	.03	.65	.25	.07	.00	.00	0.65	0.32	-0.495
5	M	.00	.00	.57	.06	.23	.15	.00	.00	0.15	0.19	2.433
6	M	.01	.00	.15	.13	.43	.28	.00	.00	0.43	0.19	0.603
1	O	.00	.03	.18	.35	.24	.11	.07	.01	2.43	0.33	0.274

Item Statistics for Global History Form 209.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.21	.06	.58	.14	.00	.00	0.58	0.21	0.053
2	M	.00	.00	.01	.81	.12	.06	.00	.00	0.81	0.36	-1.280
3	M	.01	.00	.31	.34	.15	.19	.00	.00	0.19	0.08	2.198
4	M	.00	.00	.08	.60	.19	.12	.00	.00	0.60	0.15	-0.051
5	M	.00	.00	.03	.16	.79	.03	.00	.00	0.79	0.17	-1.117
6	M	.00	.00	.10	.73	.02	.15	.00	.00	0.73	0.15	-0.769
1	O	.01	.05	.22	.43	.21	.06	.02	.00	2.08	0.30	0.966

Item Statistics for Global History Form 210.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.13	.75	.07	.05	.00	.00	0.75	0.37	-0.511
2	M	.00	.00	.15	.11	.64	.11	.00	.00	0.64	0.33	0.167
3	M	.00	.00	.86	.04	.05	.04	.00	.00	0.86	0.31	-1.445
4	M	.00	.00	.04	.84	.08	.03	.00	.00	0.84	0.18	-1.240
5	M	.00	.00	.08	.06	.22	.63	.00	.00	0.63	0.40	0.202
6	M	.01	.00	.12	.26	.44	.17	.00	.00	0.44	0.25	1.294
1	O	.01	.13	.19	.23	.25	.12	.08	.00	2.26	0.39	1.532

Item Statistics for Global History Form 211.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.55	.06	.30	.09	.00	.00	0.30	0.09	1.262
2	M	.00	.00	.06	.68	.11	.15	.00	.00	0.68	0.27	-0.688
3	M	.00	.00	.86	.04	.07	.04	.00	.00	0.86	0.33	-1.907
4	M	.00	.00	.08	.62	.10	.19	.00	.00	0.62	0.29	-0.388
5	M	.00	.00	.15	.28	.49	.08	.00	.00	0.28	0.05	1.345
6	M	.00	.00	.03	.17	.23	.58	.00	.00	0.58	0.16	-0.146
1	O	.00	.05	.25	.31	.28	.07	.04	.00	2.20	0.33	0.523

Item Statistics for Global History Form 212.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.70	.07	.16	.08	.00	.00	0.70	0.21	-0.693
2	M	.00	.00	.14	.08	.68	.10	.00	.00	0.68	0.25	-0.612
3	M	.01	.00	.40	.17	.19	.23	.00	.00	0.40	0.14	0.835
4	M	.00	.00	.09	.09	.57	.24	.00	.00	0.57	0.18	-0.039
5	M	.00	.00	.75	.19	.02	.04	.00	.00	0.75	0.17	-0.999
6	M	.01	.00	.11	.19	.57	.12	.00	.00	0.57	0.12	-0.039
1	O	.24	.04	.22	.25	.19	.07	.00	.00	1.56	0.33	1.547

Item Statistics for Global History Form 213.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.08	.18	.05	.69	.00	.00	0.69	0.12	-1.470
2	M	.00	.00	.35	.31	.21	.13	.00	.00	0.35	0.05	0.198
3	M	.00	.00	.16	.53	.12	.18	.00	.00	0.53	0.24	-0.672
4	M	.00	.00	.36	.07	.24	.33	.00	.00	0.36	0.18	0.154
5	M	.00	.00	.12	.09	.54	.25	.00	.00	0.09	-.03	2.127
6	M	.00	.00	.28	.46	.17	.09	.00	.00	0.46	0.16	-0.321
1	O	.26	.05	.25	.17	.19	.06	.01	.01	1.50	0.19	-0.017

Item Statistics for Global History Form 214.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.36	.26	.24	.13	.00	.00	0.36	0.17	0.535
2	M	.00	.00	.09	.10	.20	.62	.00	.00	0.62	0.25	-0.770
3	M	.00	.00	.46	.11	.10	.33	.00	.00	0.46	0.22	0.007
4	M	.00	.00	.11	.12	.51	.27	.00	.00	0.51	0.28	-0.206
5	M	.00	.00	.17	.10	.45	.29	.00	.00	0.29	0.30	1.001
6	M	.00	.00	.12	.68	.11	.08	.00	.00	0.68	0.18	-1.107
1	O	.24	.05	.23	.21	.19	.05	.03	.00	1.59	0.30	0.539

Item Statistics for Global History Form 215.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.57	.22	.06	.15	.00	.00	0.57	0.20	-0.293
2	M	.00	.00	.20	.25	.16	.38	.00	.00	0.38	0.06	0.618
3	M	.00	.00	.23	.20	.39	.18	.00	.00	0.39	0.32	0.585
4	M	.00	.00	.36	.21	.33	.10	.00	.00	0.36	0.14	0.708
5	M	.00	.00	.57	.12	.12	.19	.00	.00	0.57	0.26	-0.336
6	M	.00	.00	.06	.75	.14	.05	.00	.00	0.75	0.22	-1.277
1	O	.23	.01	.15	.33	.18	.06	.03	.02	1.82	0.27	-0.004

Item Statistics for Global History Form 216.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.33	.07	.22	.38	.00	.00	0.38	0.16	0.503
2	M	.00	.00	.52	.13	.19	.16	.00	.00	0.52	0.29	-0.175
3	M	.00	.00	.08	.14	.33	.45	.00	.00	0.45	0.21	0.120
4	M	.00	.00	.19	.57	.15	.09	.00	.00	0.57	0.29	-0.427
5	M	.00	.00	.05	.02	.51	.41	.00	.00	0.51	0.05	-0.164
6	M	.00	.00	.18	.16	.06	.61	.00	.00	0.61	0.18	-0.620
1	O	.21	.10	.18	.30	.13	.05	.02	.00	1.50	0.34	0.764

Item Statistics for Global History Form 217.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.28	.10	.47	.16	.00	.00	0.16	0.07	1.209
2	M	.00	.00	.34	.09	.48	.09	.00	.00	0.34	0.18	0.026
3	M	.00	.00	.15	.52	.18	.15	.00	.00	0.52	0.21	-0.859
4	M	.00	.00	.21	.36	.30	.13	.00	.00	0.30	0.17	0.251
5	M	.00	.00	.10	.11	.76	.03	.00	.00	0.76	0.20	-2.215
6	M	.00	.00	.43	.20	.21	.15	.00	.00	0.15	0.18	1.246
1	O	.21	.07	.21	.29	.16	.04	.00	.01	1.52	0.28	0.342

Item Statistics for Global History Form 218.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.09	.05	.79	.07	.00	0.79	0.28	-1.306
2	M	.01	.00	.15	.13	.10	.61	.00	0.61	0.27	-0.319
3	M	.01	.00	.09	.20	.13	.58	.00	0.58	0.26	-0.172
4	M	.01	.00	.03	.74	.18	.04	.00	0.74	0.38	-1.008
5	M	.00	.00	.24	.23	.14	.39	.00	0.39	0.32	0.681
6	M	.00	.00	.03	.85	.10	.02	.00	0.85	0.33	-1.724
7	M	.01	.00	.49	.10	.39	.02	.00	0.49	0.31	0.245
8	M	.01	.00	.14	.14	.60	.11	.00	0.60	0.43	-0.278
9	M	.01	.00	.27	.16	.13	.43	.00	0.43	0.11	0.493
10	M	.01	.00	.43	.15	.26	.15	.00	0.43	0.31	0.480
11	M	.01	.00	.05	.58	.27	.09	.00	0.58	0.16	-0.198
12	M	.01	.00	.18	.48	.29	.05	.00	0.48	0.45	0.284
13	M	.01	.00	.22	.13	.13	.51	.00	0.13	-.13	2.362
14	M	.01	.00	.24	.06	.56	.13	.00	0.56	0.45	-0.106
15	M	.01	.00	.28	.38	.19	.14	.00	0.38	0.39	0.722
16	M	.01	.00	.32	.21	.32	.15	.00	0.32	0.22	1.063
17	M	.01	.00	.16	.06	.69	.08	.00	0.69	0.35	-0.728
18	M	.01	.00	.74	.16	.05	.04	.00	0.74	0.12	-1.025
19	M	.01	.00	.06	.44	.20	.29	.00	0.29	0.31	1.216
20	M	.01	.00	.20	.60	.07	.13	.00	0.60	0.41	-0.265
21	M	.01	.00	.74	.09	.12	.03	.00	0.74	0.34	-1.025
22	M	.01	.00	.55	.14	.18	.11	.00	0.55	0.50	-0.054
23	M	.02	.00	.13	.10	.68	.08	.00	0.68	0.34	-0.669
24	M	.02	.00	.26	.55	.11	.07	.00	0.55	0.39	-0.028
25	M	.02	.00	.23	.13	.14	.48	.00	0.48	0.24	0.258
26	M	.03	.00	.18	.43	.16	.21	.00	0.43	0.19	0.507
27	M	.03	.00	.20	.35	.30	.12	.00	0.30	0.16	1.154
28	M	.03	.00	.24	.26	.33	.15	.00	0.33	0.10	1.004
29	M	.03	.00	.72	.15	.04	.06	.00	0.72	0.42	-0.880
30	M	.03	.00	.05	.68	.18	.06	.00	0.68	0.23	-0.683

Item Statistics for Global History Form 219.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.01	.00	.17	.07	.65	.10	.00	0.65	0.34	-0.310
2	M	.00	.00	.06	.02	.88	.04	.00	0.88	0.40	-1.800
3	M	.00	.00	.06	.13	.06	.74	.00	0.74	0.27	-0.806
4	M	.01	.00	.17	.15	.50	.18	.00	0.50	0.29	0.439
5	M	.00	.00	.09	.01	.05	.85	.00	0.85	0.34	-1.539
6	M	.00	.00	.07	.77	.12	.04	.00	0.77	0.49	-0.944
7	M	.01	.00	.31	.35	.30	.03	.00	0.35	0.23	1.140
8	M	.00	.00	.47	.32	.05	.17	.00	0.32	0.02	1.320
9	M	.00	.00	.56	.11	.26	.07	.00	0.56	0.39	0.160
10	M	.00	.00	.29	.05	.49	.17	.00	0.49	0.33	0.453
11	M	.01	.00	.10	.14	.13	.63	.00	0.63	0.30	-0.182
12	M	.01	.00	.14	.05	.75	.05	.00	0.75	0.35	-0.857
13	M	.01	.00	.52	.26	.15	.06	.00	0.52	0.34	0.346
14	M	.01	.00	.07	.79	.09	.05	.00	0.79	0.28	-1.072
15	M	.01	.00	.17	.11	.62	.09	.00	0.62	0.27	-0.140
16	M	.01	.00	.15	.07	.59	.19	.00	0.59	0.39	0.011
17	M	.01	.00	.24	.50	.19	.06	.00	0.50	0.22	0.413
18	M	.01	.00	.51	.26	.11	.11	.00	0.51	0.24	0.386
19	M	.01	.00	.14	.25	.15	.45	.00	0.45	0.22	0.640
20	M	.01	.00	.12	.12	.68	.07	.00	0.68	0.36	-0.442
21	M	.01	.00	.52	.08	.26	.12	.00	0.52	0.45	0.307
22	M	.01	.00	.43	.04	.06	.46	.00	0.43	0.28	0.734
23	M	.01	.00	.16	.07	.19	.56	.00	0.56	0.50	0.133
24	M	.01	.00	.40	.07	.08	.44	.00	0.40	0.15	0.885
25	M	.01	.00	.20	.48	.21	.10	.00	0.48	0.27	0.519
26	M	.02	.00	.20	.21	.34	.23	.00	0.34	0.27	1.170
27	M	.03	.00	.10	.10	.73	.05	.00	0.73	0.43	-0.739
28	M	.03	.00	.22	.18	.12	.45	.00	0.45	0.37	0.640
29	M	.03	.00	.07	.27	.10	.53	.00	0.53	0.31	0.267
30	M	.03	.00	.05	.07	.79	.05	.00	0.79	0.50	-1.130

Item Statistics for Global History Form 220.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.05	.39	.10	.46	.00	0.39	0.07	0.323
2	M	.01	.00	.23	.05	.04	.67	.00	0.67	0.39	-0.959
3	M	.00	.00	.15	.25	.22	.38	.00	0.38	0.39	0.377
4	M	.00	.00	.42	.24	.12	.22	.00	0.24	0.17	1.136
5	M	.01	.00	.72	.09	.10	.08	.00	0.72	0.26	-1.177
6	M	.01	.00	.01	.74	.07	.17	.00	0.74	0.29	-1.285
7	M	.01	.00	.21	.17	.51	.10	.00	0.51	0.18	-0.201
8	M	.01	.00	.18	.55	.24	.03	.00	0.55	0.26	-0.378
9	M	.01	.00	.20	.14	.23	.42	.00	0.42	0.34	0.180
10	M	.01	.00	.04	.48	.21	.26	.00	0.48	0.31	-0.075
11	M	.01	.00	.13	.10	.13	.64	.00	0.64	0.35	-0.794
12	M	.01	.00	.05	.04	.34	.57	.00	0.34	0.24	0.596
13	M	.01	.00	.26	.03	.52	.20	.00	0.26	0.08	1.018
14	M	.01	.00	.11	.46	.20	.22	.00	0.46	0.18	0.026
15	M	.01	.00	.17	.15	.63	.04	.00	0.63	0.04	-0.740
16	M	.01	.00	.24	.46	.12	.17	.00	0.24	0.05	1.102
17	M	.01	.00	.18	.08	.16	.57	.00	0.57	0.33	-0.492
18	M	.02	.00	.45	.06	.36	.12	.00	0.36	0.32	0.498
19	M	.02	.00	.19	.30	.16	.33	.00	0.30	0.06	0.769
20	M	.02	.00	.10	.47	.28	.13	.00	0.47	0.28	-0.012
21	M	.01	.00	.15	.08	.16	.60	.00	0.60	0.48	-0.596
22	M	.02	.00	.09	.22	.53	.14	.00	0.53	0.37	-0.302
23	M	.01	.00	.21	.09	.17	.52	.00	0.52	0.29	-0.264
24	M	.02	.00	.25	.09	.43	.21	.00	0.43	0.27	0.141
25	M	.02	.00	.42	.22	.28	.05	.00	0.42	0.43	0.193
26	M	.02	.00	.31	.41	.17	.09	.00	0.41	0.26	0.232
27	M	.02	.00	.24	.22	.43	.09	.00	0.24	0.32	1.119
28	M	.03	.00	.36	.13	.22	.26	.00	0.36	0.31	0.457
29	M	.04	.00	.29	.45	.17	.05	.00	0.45	0.08	0.052
30	M	.03	.00	.15	.04	.67	.11	.00	0.67	0.38	-0.945

Item Statistics for Global History Form 221.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.01	.00	.71	.16	.07	.05	.00	0.71	0.06	-0.813
2	M	.01	.00	.31	.32	.32	.04	.00	0.32	-.09	1.006
3	M	.00	.00	.06	.74	.18	.02	.00	0.74	0.09	-0.958
4	M	.01	.00	.12	.07	.14	.66	.00	0.66	0.41	-0.557
5	M	.01	.00	.25	.24	.26	.24	.00	0.26	0.09	1.352
6	M	.00	.00	.06	.72	.08	.14	.00	0.72	0.31	-0.844
7	M	.01	.00	.09	.60	.04	.25	.00	0.60	0.30	-0.264
8	M	.01	.00	.67	.02	.16	.15	.00	0.67	0.31	-0.572
9	M	.00	.00	.03	.84	.09	.03	.00	0.84	0.26	-1.640
10	M	.01	.00	.17	.10	.22	.50	.00	0.50	0.19	0.213
11	M	.01	.00	.53	.27	.14	.06	.00	0.53	0.32	0.056
12	M	.01	.00	.13	.08	.69	.10	.00	0.69	0.12	-0.690
13	M	.01	.00	.12	.40	.15	.31	.00	0.40	0.17	0.624
14	M	.01	.00	.17	.06	.18	.58	.00	0.18	0.09	1.883
15	M	.01	.00	.23	.14	.54	.07	.00	0.54	0.32	0.029
16	M	.01	.00	.40	.12	.37	.11	.00	0.37	-.08	0.776
17	M	.01	.00	.46	.03	.10	.41	.00	0.41	0.34	0.610
18	M	.01	.00	.14	.08	.64	.13	.00	0.64	0.36	-0.443
19	M	.02	.00	.17	.21	.19	.42	.00	0.42	0.28	0.543
20	M	.01	.00	.30	.60	.04	.04	.00	0.60	0.37	-0.277
21	M	.03	.00	.32	.17	.20	.28	.00	0.32	0.35	1.006
22	M	.02	.00	.04	.75	.13	.06	.00	0.75	0.39	-1.025
23	M	.02	.00	.10	.12	.05	.71	.00	0.71	0.48	-0.781
24	M	.02	.00	.20	.31	.43	.03	.00	0.43	0.34	0.503
25	M	.03	.00	.09	.78	.08	.03	.00	0.78	0.29	-1.185
26	M	.03	.00	.19	.17	.50	.11	.00	0.50	0.41	0.200
27	M	.02	.00	.24	.19	.23	.32	.00	0.32	0.24	1.036
28	M	.04	.00	.16	.27	.47	.07	.00	0.47	0.08	0.331
29	M	.04	.00	.50	.17	.16	.14	.00	0.50	0.34	0.200
30	M	.04	.00	.61	.16	.08	.11	.00	0.61	0.42	-0.318

Item Statistics for Global History Form 222.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.04	.11	.70	.15	.00	0.70	0.21	-0.590
2	M	.00	.00	.51	.11	.09	.29	.00	0.51	0.42	0.330
3	M	.01	.00	.09	.56	.20	.14	.00	0.56	0.31	0.086
4	M	.00	.00	.86	.03	.03	.07	.00	0.86	0.26	-1.721
5	M	.00	.00	.70	.08	.08	.14	.00	0.70	0.36	-0.606
6	M	.00	.00	.05	.24	.70	.01	.00	0.70	0.26	-0.590
7	M	.00	.00	.03	.07	.10	.81	.00	0.81	0.49	-1.300
8	M	.00	.00	.12	.78	.07	.03	.00	0.78	0.34	-1.102
9	M	.00	.00	.05	.18	.15	.62	.00	0.62	0.25	-0.177
10	M	.00	.00	.14	.13	.69	.04	.00	0.69	0.47	-0.529
11	M	.00	.00	.63	.09	.14	.14	.00	0.63	0.43	-0.248
12	M	.00	.00	.12	.10	.24	.54	.00	0.54	0.34	0.209
13	M	.00	.00	.23	.53	.14	.10	.00	0.53	0.36	0.236
14	M	.00	.00	.15	.50	.18	.17	.00	0.50	0.25	0.384
15	M	.00	.00	.21	.06	.64	.08	.00	0.64	0.29	-0.306
16	M	.00	.00	.28	.36	.28	.08	.00	0.28	0.15	1.467
17	M	.00	.00	.24	.38	.17	.20	.00	0.24	0.23	1.726
18	M	.00	.00	.21	.19	.20	.39	.00	0.20	0.04	1.975
19	M	.00	.00	.09	.69	.08	.14	.00	0.69	0.44	-0.544
20	M	.01	.00	.22	.22	.17	.39	.00	0.39	0.29	0.921
21	M	.01	.00	.05	.08	.77	.10	.00	0.77	0.51	-0.991
22	M	.01	.00	.03	.07	.07	.81	.00	0.81	0.49	-1.259
23	M	.01	.00	.04	.55	.23	.17	.00	0.55	0.12	0.154
24	M	.01	.00	.12	.36	.46	.05	.00	0.46	0.26	0.588
25	M	.01	.00	.79	.10	.04	.05	.00	0.79	0.52	-1.159
26	M	.02	.00	.60	.15	.13	.10	.00	0.60	0.25	-0.107
27	M	.02	.00	.12	.48	.28	.10	.00	0.28	-.04	1.483
28	M	.02	.00	.25	.11	.36	.27	.00	0.36	0.28	1.065
29	M	.03	.00	.14	.10	.20	.54	.00	0.54	0.50	0.182
30	M	.03	.00	.49	.20	.16	.12	.00	0.49	0.38	0.425

Item Statistics for Global History Form 223.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.10	.33	.31	.25	.00	0.33	0.16	0.886
2	M	.01	.00	.52	.20	.17	.10	.00	0.52	0.33	0.003
3	M	.01	.00	.28	.05	.18	.47	.00	0.18	0.12	1.798
4	M	.00	.00	.60	.13	.22	.05	.00	0.60	0.32	-0.364
5	M	.00	.00	.08	.20	.09	.62	.00	0.62	0.44	-0.489
6	M	.01	.00	.68	.07	.12	.12	.00	0.68	0.30	-0.765
7	M	.00	.00	.08	.78	.10	.04	.00	0.78	0.32	-1.307
8	M	.00	.00	.16	.08	.18	.57	.00	0.57	0.40	-0.254
9	M	.00	.00	.12	.65	.09	.14	.00	0.65	0.24	-0.589
10	M	.01	.00	.42	.21	.21	.16	.00	0.21	0.18	1.609
11	M	.00	.00	.04	.05	.87	.04	.00	0.87	0.20	-2.040
12	M	.00	.00	.10	.11	.74	.05	.00	0.74	0.22	-1.064
13	M	.00	.00	.18	.48	.12	.23	.00	0.48	0.43	0.205
14	M	.00	.00	.22	.29	.25	.23	.00	0.23	0.20	1.454
15	M	.00	.00	.32	.45	.07	.16	.00	0.45	0.34	0.300
16	M	.00	.00	.23	.42	.06	.29	.00	0.42	0.43	0.465
17	M	.00	.00	.57	.07	.11	.24	.00	0.57	0.32	-0.240
18	M	.00	.00	.09	.72	.14	.04	.00	0.72	0.28	-0.982
19	M	.00	.00	.13	.39	.40	.07	.00	0.40	0.11	0.550
20	M	.00	.00	.09	.60	.14	.17	.00	0.60	0.53	-0.364
21	M	.00	.00	.18	.55	.07	.18	.00	0.55	0.34	-0.159
22	M	.00	.00	.10	.13	.46	.31	.00	0.46	0.17	0.287
23	M	.01	.00	.50	.21	.14	.13	.00	0.50	0.12	0.070
24	M	.01	.00	.15	.50	.15	.20	.00	0.50	0.36	0.097
25	M	.01	.00	.21	.35	.05	.39	.00	0.39	0.19	0.592
26	M	.01	.00	.10	.11	.11	.69	.00	0.69	0.41	-0.795
27	M	.01	.00	.27	.20	.37	.16	.00	0.37	0.27	0.707
28	M	.01	.00	.39	.11	.14	.35	.00	0.39	0.39	0.621
29	M	.01	.00	.08	.10	.70	.11	.00	0.70	0.37	-0.841
30	M	.01	.00	.15	.24	.21	.39	.00	0.39	0.45	0.606

Item Statistics for Global History Form 224.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.01	.00	.20	.60	.14	.06	.00	0.60	0.44	-0.265
2	M	.00	.00	.21	.18	.46	.14	.00	0.46	0.38	0.409
3	M	.00	.00	.08	.54	.13	.25	.00	0.54	0.21	-0.001
4	M	.00	.00	.61	.17	.12	.10	.00	0.61	0.37	-0.336
5	M	.00	.00	.09	.13	.54	.23	.00	0.54	0.21	-0.001
6	M	.00	.00	.04	.21	.50	.25	.00	0.50	0.37	0.204
7	M	.01	.00	.47	.10	.29	.14	.00	0.47	0.28	0.354
8	M	.01	.00	.09	.13	.20	.57	.00	0.57	0.26	-0.139
9	M	.00	.00	.07	.06	.39	.49	.00	0.49	0.27	0.272
10	M	.01	.00	.68	.08	.15	.09	.00	0.68	0.30	-0.645
11	M	.01	.00	.11	.41	.07	.41	.00	0.41	0.12	0.618
12	M	.01	.00	.03	.06	.46	.45	.00	0.46	0.44	0.382
13	M	.01	.00	.50	.21	.24	.05	.00	0.50	0.47	0.218
14	M	.01	.00	.24	.11	.14	.50	.00	0.50	0.53	0.190
15	M	.01	.00	.16	.41	.18	.23	.00	0.41	0.17	0.618
16	M	.01	.00	.10	.13	.12	.63	.00	0.63	0.28	-0.423
17	M	.01	.00	.19	.10	.19	.51	.00	0.51	0.39	0.163
18	M	.01	.00	.41	.37	.15	.06	.00	0.37	0.36	0.832
19	M	.01	.00	.58	.14	.13	.13	.00	0.58	0.48	-0.167
20	M	.02	.00	.12	.27	.32	.26	.00	0.32	-.06	1.086
21	M	.02	.00	.48	.10	.16	.24	.00	0.48	0.21	0.313
22	M	.02	.00	.04	.08	.81	.05	.00	0.81	0.33	-1.448
23	M	.02	.00	.10	.09	.11	.68	.00	0.68	0.55	-0.676
24	M	.03	.00	.64	.13	.10	.10	.00	0.64	0.46	-0.466
25	M	.03	.00	.08	.69	.12	.08	.00	0.69	0.52	-0.722
26	M	.03	.00	.04	.10	.11	.72	.00	0.72	0.54	-0.866
27	M	.03	.00	.30	.56	.06	.05	.00	0.56	0.24	-0.056
28	M	.04	.00	.15	.47	.23	.11	.00	0.47	0.43	0.341
29	M	.04	.00	.31	.05	.44	.16	.00	0.44	0.20	0.478
30	M	.04	.00	.60	.14	.05	.17	.00	0.60	0.53	-0.265

Item Statistics for Global History Form 888.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.04	.01	.01	.94	.00	0.94	0.34	-2.440
2	M	.00	.00	.02	.81	.16	.02	.00	0.81	0.34	-1.134
3	M	.00	.00	.21	.17	.33	.29	.00	0.33	0.15	1.275
4	M	.00	.00	.07	.20	.63	.10	.00	0.63	0.44	-0.120
5	M	.00	.00	.06	.91	.02	.01	.00	0.91	0.29	-2.058
6	M	.00	.00	.05	.19	.22	.54	.00	0.54	0.21	0.281
7	M	.00	.00	.83	.03	.08	.06	.00	0.83	0.27	-1.326
8	M	.00	.00	.34	.31	.26	.09	.00	0.31	0.15	1.380
9	M	.00	.00	.12	.09	.68	.11	.00	0.68	0.21	-0.391
10	M	.00	.00	.11	.32	.10	.46	.00	0.46	0.41	0.655
11	M	.00	.00	.54	.23	.13	.10	.00	0.54	0.30	0.291
12	M	.00	.00	.26	.50	.12	.12	.00	0.50	0.27	0.466
13	M	.00	.00	.06	.78	.07	.09	.00	0.78	0.39	-0.946
14	M	.00	.00	.37	.20	.05	.38	.00	0.38	0.32	1.020
15	M	.00	.00	.53	.04	.25	.19	.00	0.53	0.39	0.327
16	M	.00	.00	.18	.35	.20	.27	.00	0.35	0.23	1.158
17	M	.00	.00	.07	.19	.11	.63	.00	0.63	0.36	-0.150
18	M	.00	.00	.27	.20	.48	.05	.00	0.48	0.18	0.553
19	M	.00	.00	.08	.05	.13	.75	.00	0.75	0.37	-0.761
20	M	.00	.00	.51	.13	.25	.11	.00	0.51	0.34	0.410
21	M	.00	.00	.06	.69	.18	.07	.00	0.69	0.39	-0.444
22	M	.00	.00	.09	.07	.09	.74	.00	0.74	0.34	-0.744
23	M	.00	.00	.18	.16	.57	.09	.00	0.57	0.32	0.142
24	M	.00	.00	.73	.14	.07	.06	.00	0.73	0.39	-0.669
25	M	.00	.00	.06	.19	.48	.26	.00	0.48	0.32	0.535
26	M	.00	.00	.27	.13	.50	.09	.00	0.50	0.17	0.457
27	M	.00	.00	.17	.11	.09	.62	.00	0.62	0.44	-0.101
28	M	.00	.00	.09	.61	.20	.10	.00	0.61	0.39	-0.062
29	M	.00	.00	.27	.09	.58	.06	.00	0.58	0.38	0.104
30	M	.00	.00	.17	.05	.73	.05	.00	0.73	0.41	-0.663
31	M	.00	.00	.10	.36	.32	.21	.00	0.36	0.09	1.108
32	M	.00	.00	.21	.10	.06	.62	.00	0.62	0.44	-0.106
33	M	.00	.00	.63	.12	.10	.15	.00	0.63	0.26	-0.155
34	M	.00	.00	.13	.70	.09	.08	.00	0.70	0.39	-0.503
35	M	.00	.00	.80	.08	.07	.04	.00	0.80	0.43	-1.092
36	M	.00	.00	.17	.54	.15	.14	.00	0.54	0.36	0.281
37	M	.00	.00	.71	.11	.06	.12	.00	0.71	0.49	-0.568
38	M	.00	.00	.16	.54	.09	.21	.00	0.54	0.34	0.300
39	M	.00	.00	.38	.21	.13	.28	.00	0.38	0.33	1.029
40	M	.00	.00	.50	.24	.14	.12	.00	0.50	0.25	0.457
41	M	.00	.00	.18	.14	.63	.05	.00	0.63	0.50	-0.140
42	M	.00	.00	.54	.30	.08	.08	.00	0.30	0.25	1.396
43	M	.00	.00	.26	.14	.10	.50	.00	0.50	0.41	0.470
44	M	.00	.00	.68	.08	.12	.13	.00	0.68	0.54	-0.376

45	M	.00	.00	.04	.03	.90	.03	.00	0.90	0.36	-1.902
46	M	.00	.00	.61	.11	.15	.13	.00	0.61	0.37	-0.048
47	M	.00	.00	.16	.15	.12	.56	.00	0.56	0.53	0.188
48	M	.00	.00	.09	.71	.11	.09	.00	0.71	0.47	-0.540
49	M	.00	.00	.10	.10	.72	.09	.00	0.72	0.48	-0.579
50	M	.00	.00	.05	.06	.78	.10	.00	0.78	0.42	-0.972
1	O	.00	.61	.36	.00	.00	.00	.03	0.54	0.33	1.095
2	O	.00	.16	.58	.22	.00	.00	.04	1.26	0.24	0.290
3	O	.00	.07	.31	.56	.00	.00	.06	1.79	0.25	-0.828
1	O	.00	.28	.60	.00	.00	.00	.12	1.33	0.12	-0.396
2	O	.00	.44	.51	.00	.00	.00	.06	0.85	0.22	0.305
3	O	.00	.38	.56	.00	.00	.00	.06	0.91	0.23	0.027
4	O	.00	.31	.55	.00	.00	.00	.14	1.38	0.22	-0.159
5	O	.00	.40	.54	.00	.00	.00	.06	0.89	0.19	0.160
6	O	.00	.30	.63	.00	.00	.00	.06	1.02	0.19	-0.341
7	O	.01	.32	.60	.00	.00	.00	.07	1.03	0.20	-0.212
1	O	.00	.16	.83	.00	.00	.00	.01	0.89	0.19	-1.368
2	O	.00	.35	.62	.00	.00	.00	.03	0.81	0.34	3.031
3	O	.00	.16	.07	.74	.00	.00	.02	1.71	0.28	-0.607
1	O	.00	.02	.01	.97	.00	.00	.00	1.97	0.18	-2.040
2	O	.00	.43	.56	.00	.00	.00	.00	0.57	0.00	3.368
3	O	.13	.32	.41	.10	.00	.00	.05	0.88	0.22	1.244
1	O	.49	.07	.19	.10	.10	.03	.00	0.82	0.43	1.135

Appendix E

Item Analysis for United State History

Item Statistics for US History Form 401.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.66	.12	.10	.11	.00	0.66	0.32	-0.470
2	M	.01	.00	.26	.06	.28	.40	.00	0.40	0.34	0.730
3	M	.00	.00	.67	.10	.11	.12	.00	0.67	0.22	-0.528
4	M	.00	.00	.35	.20	.35	.11	.00	0.20	0.29	1.792
5	M	.00	.00	.03	.05	.10	.83	.00	0.83	0.25	-1.429
6	M	.01	.00	.06	.04	.67	.22	.00	0.67	0.10	-0.528
1	O	.00	.19	.33	.43	.00	.00	.04	1.45	0.22	-0.208
2	O	.31	.14	.52	.01	.00	.00	.02	0.67	0.12	1.887
3	O	.31	.19	.16	.31	.00	.00	.03	0.95	0.34	0.020
1	O	.00	.37	.10	.48	.00	.00	.04	1.28	0.39	0.101
2	O	.09	.22	.59	.00	.00	.00	.09	1.13	0.44	-0.686
3	O	.10	.20	.46	.00	.00	.00	.24	1.90	0.30	-0.470
1	O	.00	.06	.91	.00	.00	.00	.03	1.08	0.14	-2.625
2	O	.00	.41	.58	.00	.00	.00	.01	0.65	0.36	-0.118
3	O	.07	.40	.50	.00	.00	.00	.03	0.67	0.31	0.039
4	O	.07	.27	.62	.00	.00	.00	.03	0.81	0.28	-0.614
1	O	.00	.05	.94	.00	.00	.00	.00	0.96	0.12	-2.790
2	O	.01	.17	.81	.00	.00	.00	.01	0.88	0.22	-1.371
3	O	.12	.22	.62	.00	.00	.00	.04	0.86	0.18	-0.856
4	O	.13	.40	.43	.00	.00	.00	.05	0.71	0.20	0.210
1	O	.00	.42	.50	.02	.00	.00	.06	0.87	0.31	2.073
2	O	.06	.28	.36	.22	.00	.00	.07	1.24	0.25	0.453
3	O	.07	.33	.17	.22	.00	.00	.22	1.90	0.37	0.696
1	O	.00	.43	.54	.00	.00	.00	.02	0.65	0.30	2.850
2	O	.00	.49	.31	.14	.00	.00	.05	0.88	0.36	1.074
3	O	.00	.37	.35	.18	.00	.00	.09	1.25	0.42	0.770

'tem Statistics for US History Form 402.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.04	.80	.04	.12	.00	0.80	0.18	-0.877
2	M	.00	.00	.18	.52	.14	.15	.00	0.52	0.23	0.497
3	M	.00	.00	.33	.05	.35	.26	.00	0.33	0.17	1.363
4	M	.01	.00	.36	.13	.45	.05	.00	0.45	0.29	0.829
5	M	.00	.00	.50	.20	.20	.10	.00	0.50	0.09	0.584
6	M	.00	.00	.06	.06	.48	.39	.00	0.39	0.22	1.098
1	O	.01	.13	.86	.00	.00	.00	.00	0.86	0.26	-1.359
2	O	.01	.40	.57	.00	.00	.00	.02	0.68	0.25	3.107
3	O	.01	.40	.20	.31	.00	.00	.08	1.30	0.33	0.783
1	O	.01	.02	.97	.00	.00	.00	.00	0.97	0.00	-3.566
2	O	.00	.14	.85	.00	.00	.00	.01	0.90	0.07	-1.307
3	O	.01	.24	.20	.53	.00	.00	.02	1.36	0.30	0.094
1	O	.01	.03	.10	.86	.00	.00	.00	1.82	0.15	-1.457
2	O	.01	.17	.18	.62	.00	.00	.02	1.54	0.35	-0.235
3	O	.02	.31	.21	.41	.00	.00	.05	1.32	0.28	0.447
1	O	.89	.00	.11	.00	.00	.00	.00	0.11	0.00	0.000
2	O	.89	.00	.00	.11	.00	.00	.00	0.22	0.00	0.000
3	O	.89	.00	.11	.00	.00	.00	.00	0.11	0.00	0.000
4	O	.89	.00	.11	.00	.00	.00	.00	0.11	0.00	0.000
1	O	.20	.80	.00	.00	.00	.00	.00	0.00	0.00	0.000
2	O	.20	.00	.80	.00	.00	.00	.00	0.80	0.00	0.000
3	O	.20	.80	.00	.00	.00	.00	.00	0.00	0.00	0.000

Item Statistics for US History Form 403.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.12	.65	.12	.11	.00	0.12	0.03	2.028
2	M	.00	.00	.62	.18	.13	.07	.00	0.62	0.27	-0.668
3	M	.01	.00	.39	.21	.25	.14	.00	0.21	-.13	1.322
4	M	.00	.00	.17	.18	.44	.21	.00	0.44	0.41	0.126
5	M	.00	.00	.06	.09	.05	.80	.00	0.80	0.29	-1.672
6	M	.00	.00	.10	.15	.19	.56	.00	0.56	0.39	-0.410
1	O	.00	.08	.30	.62	.00	.00	.00	1.56	0.14	-1.409
2	O	.04	.35	.52	.06	.00	.00	.03	0.83	0.30	0.943
3	O	.04	.21	.15	.56	.00	.00	.04	1.50	0.24	-0.768
1	O	.05	.05	.09	.82	.00	.00	.00	1.73	0.15	-1.966
2	O	.00	.22	.42	.35	.00	.00	.01	1.19	0.35	-0.427
3	O	.99	.00	.00	.00	.00	.00	.00	0.00	1.00	-0.241
1	O	.00	.80	.18	.02	.00	.00	.00	0.21	0.17	2.232
2	O	.00	.25	.13	.50	.00	.00	.12	1.85	0.28	-0.552
3	O	.00	.27	.21	.32	.00	.00	.20	2.02	0.20	-0.176
1	O	.01	.10	.13	.74	.00	.00	.02	1.75	0.26	-1.441
2	O	.01	.57	.34	.00	.00	.00	.08	0.82	0.42	2.675
3	O	.01	.39	.26	.16	.00	.00	.18	1.68	0.40	0.540
1	O	.01	.11	.85	.01	.00	.00	.02	1.00	0.32	1.025
2	O	.01	.12	.20	.61	.00	.00	.06	1.78	0.32	-1.161

Item Statistics for US History Form 404.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.09	.18	.37	.36	.00	0.37	0.18	1.030
2	M	.01	.00	.16	.68	.13	.03	.00	0.68	0.34	-0.403
3	M	.00	.00	.08	.17	.07	.68	.00	0.68	-.07	-0.422
4	M	.00	.00	.04	.10	.83	.03	.00	0.10	-.19	2.781
5	M	.00	.00	.37	.36	.12	.14	.00	0.37	0.07	0.994
6	M	.01	.00	.12	.03	.69	.15	.00	0.69	0.14	-0.441
MISSING											
1	O	.00	.16	.82	.00	.00	.00	.02	0.95	0.16	-1.351
2	O	.00	.10	.90	.00	.00	.00	.00	0.92	0.06	-1.947
3	O	.01	.72	.19	.00	.00	.00	.09	0.70	-.07	1.908
1	O	.00	.03	.96	.00	.00	.00	.01	1.04	0.11	-3.156
2	O	.00	.29	.66	.00	.00	.00	.05	0.95	0.24	-0.454
3	O	.00	.29	.62	.00	.00	.00	.09	1.14	0.37	2.713
1	O	.00	.17	.83	.00	.00	.00	.00	0.83	0.09	-1.305
2	O	.00	.18	.81	.00	.00	.00	.01	0.90	0.10	-1.228
3	O	.00	.16	.81	.00	.00	.00	.03	0.99	0.16	-1.318
1	O	.01	.45	.45	.00	.00	.00	.10	1.03	0.26	0.453
2	O	.01	.50	.37	.00	.00	.00	.12	1.11	0.45	0.766
3	O	.03	.53	.09	.13	.00	.00	.23	1.72	0.46	1.379

Item Statistics for US History Form 405.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.77	.07	.08	.08	.00	.00	0.77	0.29	-1.368
2	M	.01	.00	.21	.35	.23	.21	.00	.00	0.35	0.23	0.883
3	M	.00	.00	.84	.03	.12	.02	.00	.00	0.84	0.18	-1.931
4	M	.00	.00	.13	.48	.12	.27	.00	.00	0.48	0.26	0.232
5	M	.00	.00	.34	.13	.24	.29	.00	.00	0.34	0.25	0.952
6	M	.00	.00	.23	.23	.41	.13	.00	.00	0.41	0.14	0.550
1	O	.14	.06	.21	.29	.24	.05	.02	.00	1.79	0.35	0.681

Item Statistics for US History Form 406.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.12	.12	.73	.02	.00	.00	0.73	0.34	-0.667
2	M	.00	.00	.02	.86	.07	.04	.00	.00	0.86	0.28	-1.659
3	M	.00	.00	.68	.04	.14	.13	.00	.00	0.68	0.08	-0.354
4	M	.00	.00	.42	.05	.18	.35	.00	.00	0.35	0.22	1.482
5	M	.00	.00	.05	.75	.06	.13	.00	.00	0.75	0.33	-0.819
6	M	.00	.00	.24	.50	.14	.12	.00	.00	0.50	0.30	0.682
1	O	.24	.14	.24	.16	.07	.08	.06	.00	1.42	0.38	1.334

Item Statistics for US History Form 407.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.21	.11	.06	.62	.00	.00	0.62	0.28	-0.497
2	M	.01	.00	.04	.63	.23	.09	.00	.00	0.63	0.20	-0.562
3	M	.00	.00	.10	.56	.26	.07	.00	.00	0.56	0.20	-0.230
4	M	.01	.00	.26	.25	.23	.26	.00	.00	0.25	0.18	1.472
5	M	.01	.00	.09	.19	.69	.03	.00	.00	0.69	0.13	-0.889
6	M	.01	.00	.20	.16	.26	.38	.00	.00	0.38	0.09	0.709
1	O	.17	.02	.10	.38	.21	.09	.05	.00	2.05	0.37	-0.003

Item Statistics for US History Form 408.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.30	.32	.12	.26	.00	.00	0.30	0.04	0.887
2	M	.01	.00	.33	.29	.26	.12	.00	.00	0.33	0.09	0.713
3	M	.00	.00	.08	.59	.04	.28	.00	.00	0.59	0.13	-0.517
4	M	.00	.00	.58	.06	.17	.19	.00	.00	0.58	0.20	-0.457
5	M	.01	.00	.55	.11	.11	.22	.00	.00	0.55	0.29	-0.315
6	M	.00	.00	.48	.25	.16	.09	.00	.00	0.48	0.17	-0.013
1	O	.13	.02	.08	.23	.37	.13	.04	.00	2.38	0.20	-0.298

Item Statistics for US History Form 409.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.06	.08	.83	.04	.00	.00	0.83	0.23	-1.908
2	M	.00	.00	.10	.10	.36	.44	.00	.00	0.36	0.06	0.705
3	M	.00	.00	.15	.29	.21	.35	.00	.00	0.21	0.03	1.561
4	M	.00	.00	.43	.07	.34	.15	.00	.00	0.43	0.29	0.342
5	M	.00	.00	.16	.53	.21	.11	.00	.00	0.53	0.18	-0.148
6	M	.01	.00	.06	.82	.09	.03	.00	.00	0.82	0.21	-1.825
1	O	.15	.12	.37	.25	.08	.02	.01	.00	1.22	0.25	1.274

Item Statistics for US History Form 410.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.55	.10	.30	.04	.00	.00	0.55	0.32	0.487
2	M	.01	.00	.07	.19	.66	.09	.00	.00	0.66	0.28	-0.091
3	M	.00	.00	.84	.06	.07	.02	.00	.00	0.84	0.28	-1.339
4	M	.00	.00	.08	.11	.68	.12	.00	.00	0.68	0.24	-0.210
5	M	.00	.00	.35	.27	.14	.24	.00	.00	0.35	0.20	1.608
6	M	.01	.00	.06	.02	.07	.84	.00	.00	0.84	0.17	-1.339
1	O	.19	.01	.15	.31	.27	.04	.03	.00	1.90	0.34	0.886

Item Statistics for US History Form 412.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.07	.20	.72	.01	.00	.00	0.72	0.44	-0.061
2	M	.00	.00	.74	.05	.13	.08	.00	.00	0.74	0.36	-0.202
3	M	.02	.00	.07	.03	.20	.68	.00	.00	0.68	0.40	0.234
4	M	.00	.00	.10	.78	.08	.04	.00	.00	0.78	0.38	-0.480
5	M	.00	.00	.09	.05	.02	.84	.00	.00	0.84	0.26	-0.940
6	M	.01	.00	.69	.14	.10	.07	.00	.00	0.69	0.23	0.168
1	O	.25	.01	.05	.23	.31	.09	.05	.00	2.07	0.38	1.281

Item Statistics for US History Form 413.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.13	.12	.26	.49	.00	.00	0.49	0.35	0.722
2	M	.01	.00	.16	.20	.59	.04	.00	.00	0.59	0.30	0.158
3	M	.01	.00	.60	.08	.20	.11	.00	.00	0.60	0.33	0.115
4	M	.00	.00	.69	.11	.04	.15	.00	.00	0.69	0.15	-0.400
5	M	.00	.00	.07	.79	.10	.04	.00	.00	0.79	0.29	-1.063
6	M	.00	.00	.09	.05	.77	.09	.00	.00	0.77	0.28	-0.896
1	O	.24	.03	.16	.24	.23	.07	.03	.00	1.75	0.36	1.365

Item Statistics for US History Form 414.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.01	.00	.58	.14	.09	.19	.00	.00	0.58	0.20	0.573
2	M	.01	.00	.10	.66	.14	.09	.00	.00	0.66	0.19	0.145
3	M	.00	.00	.07	.09	.16	.68	.00	.00	0.68	0.21	0.000
4	M	.00	.00	.56	.30	.08	.05	.00	.00	0.56	0.02	0.640
5	M	.01	.00	.06	.06	.04	.84	.00	.00	0.84	0.17	-1.033
6	M	.01	.00	.07	.02	.87	.02	.00	.00	0.87	0.20	-1.348
1	O	.30	.05	.09	.19	.19	.10	.08	.01	1.84	0.24	1.023

Item Statistics for US History Form 415.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.55	.11	.08	.25	.00	.00	0.55	0.07	0.402
2	M	.01	.00	.15	.11	.65	.07	.00	.00	0.65	0.20	-0.119
3	M	.01	.00	.07	.66	.14	.12	.00	.00	0.66	0.22	-0.176
4	M	.00	.00	.24	.10	.58	.08	.00	.00	0.58	0.20	0.253
5	M	.01	.00	.07	.73	.10	.09	.00	.00	0.73	0.37	-0.570
6	M	.01	.00	.12	.07	.04	.76	.00	.00	0.76	0.24	-0.753
1	O	.31	.03	.11	.20	.20	.09	.05	.01	1.73	0.25	0.963

Item Statistics for US History Form 416.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.04	.05	.07	.84	.00	.00	0.84	0.25	-1.379
2	M	.00	.00	.66	.05	.13	.16	.00	.00	0.66	0.19	-0.222
3	M	.00	.00	.06	.10	.73	.10	.00	.00	0.73	0.17	-0.649
4	M	.00	.00	.15	.15	.14	.56	.00	.00	0.56	0.13	0.334
5	M	.00	.00	.21	.19	.51	.09	.00	.00	0.51	0.25	0.587
6	M	.01	.00	.18	.51	.24	.07	.00	.00	0.51	0.25	0.587
1	O	.32	.02	.07	.24	.23	.09	.02	.00	1.74	0.30	0.741

Item Statistics for US History Form 417.

Item	Key	B	0	1	2	3	4	5	9	Mean	Cor.	Rasch
1	M	.00	.00	.15	.75	.02	.08	.00	.00	0.75	0.18	-0.827
2	M	.01	.00	.58	.12	.24	.05	.00	.00	0.58	0.11	0.027
3	M	.00	.00	.13	.10	.63	.14	.00	.00	0.63	0.04	-0.190
4	M	.00	.00	.21	.21	.14	.45	.00	.00	0.45	0.22	0.630
5	M	.00	.00	.73	.13	.04	.09	.00	.00	0.73	0.27	-0.718
6	M	.00	.00	.06	.50	.42	.02	.00	.00	0.50	0.05	0.381
1	O	.34	.05	.14	.25	.20	.02	.00	.00	1.33	0.04	0.696

Item Statistics for US History Form 418.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.58	.28	.10	.03	.00	0.58	0.30	-0.559
2	M	.00	.00	.16	.11	.02	.71	.00	0.71	0.21	-1.166
3	M	.01	.00	.06	.70	.11	.11	.00	0.70	0.33	-1.101
4	M	.01	.00	.39	.13	.16	.31	.00	0.31	0.23	0.686
5	M	.01	.00	.21	.13	.43	.22	.00	0.43	0.09	0.115
6	M	.01	.00	.39	.20	.13	.27	.00	0.13	-.14	1.846
7	M	.00	.00	.51	.25	.15	.09	.00	0.51	0.27	-0.250
8	M	.00	.00	.49	.12	.23	.15	.00	0.49	0.34	-0.166
9	M	.00	.00	.09	.23	.59	.09	.00	0.59	0.26	-0.588
10	M	.00	.00	.31	.47	.09	.13	.00	0.47	0.23	-0.054
11	M	.00	.00	.16	.44	.16	.23	.00	0.23	0.28	1.107
12	M	.00	.00	.15	.43	.15	.27	.00	0.43	0.32	0.115
13	M	.00	.00	.47	.16	.20	.16	.00	0.47	0.17	-0.083
14	M	.00	.00	.26	.09	.39	.26	.00	0.39	0.32	0.288
15	M	.00	.00	.22	.28	.25	.25	.00	0.25	0.23	0.995
16	M	.00	.00	.17	.27	.13	.43	.00	0.43	0.20	0.115
17	M	.00	.00	.15	.47	.24	.15	.00	0.47	0.30	-0.054
18	M	.00	.00	.09	.20	.05	.66	.00	0.66	0.44	-0.912
19	M	.00	.00	.03	.15	.74	.08	.00	0.74	0.40	-1.337
20	M	.01	.00	.08	.73	.11	.08	.00	0.73	0.20	-1.302
21	M	.01	.00	.50	.11	.25	.13	.00	0.25	0.13	1.032
22	M	.01	.00	.29	.32	.28	.10	.00	0.28	0.07	0.853
23	M	.01	.00	.13	.66	.11	.09	.00	0.66	0.38	-0.912
24	M	.02	.00	.11	.14	.19	.54	.00	0.54	0.37	-0.362
25	M	.01	.00	.41	.14	.36	.08	.00	0.41	0.15	0.201
26	M	.01	.00	.25	.25	.28	.20	.00	0.25	0.14	1.032
27	M	.02	.00	.13	.41	.23	.21	.00	0.41	0.27	0.201
28	M	.01	.00	.24	.22	.27	.26	.00	0.24	0.26	1.069
29	M	.01	.00	.55	.11	.22	.11	.00	0.55	0.23	-0.418
30	M	.01	.00	.08	.54	.31	.05	.00	0.54	0.27	-0.390

Item Statistics for US History Form 419.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.21	.49	.16	.15	.00	0.49	0.20	-0.461
2	M	.00	.00	.26	.33	.25	.16	.00	0.16	0.13	1.339
3	M	.01	.00	.42	.26	.23	.08	.00	0.42	0.14	-0.157
4	M	.00	.00	.11	.29	.21	.38	.00	0.29	0.12	0.473
5	M	.01	.00	.43	.11	.17	.29	.00	0.43	0.32	-0.185
6	M	.00	.00	.71	.10	.15	.04	.00	0.15	0.15	1.441
7	M	.01	.00	.09	.37	.20	.34	.00	0.34	0.19	0.252
8	M	.01	.00	.43	.40	.07	.10	.00	0.40	0.32	-0.044
9	M	.01	.00	.08	.34	.49	.08	.00	0.49	0.51	-0.488
10	M	.01	.00	.16	.14	.40	.30	.00	0.40	0.26	-0.044
11	M	.01	.00	.08	.34	.29	.29	.00	0.29	0.24	0.506
12	M	.01	.00	.10	.05	.66	.17	.00	0.66	0.28	-1.278
13	M	.01	.00	.25	.10	.35	.30	.00	0.25	0.06	0.713
14	M	.01	.00	.21	.38	.34	.07	.00	0.34	0.23	0.252
15	M	.02	.00	.18	.16	.26	.38	.00	0.16	0.09	1.290
16	M	.02	.00	.49	.14	.19	.16	.00	0.49	0.52	-0.488
17	M	.02	.00	.41	.13	.16	.27	.00	0.27	0.22	0.573
18	M	.02	.00	.16	.32	.24	.26	.00	0.16	0.09	1.339
19	M	.02	.00	.20	.34	.21	.23	.00	0.23	0.35	0.862
20	M	.02	.00	.13	.25	.16	.44	.00	0.44	0.40	-0.241
21	M	.02	.00	.42	.10	.33	.13	.00	0.33	0.32	0.282
22	M	.02	.00	.14	.07	.68	.09	.00	0.68	0.31	-1.340
23	M	.02	.00	.16	.14	.24	.43	.00	0.43	0.43	-0.213
24	M	.02	.00	.14	.05	.65	.14	.00	0.65	0.32	-1.189
25	M	.02	.00	.46	.21	.20	.10	.00	0.46	0.25	-0.351
26	M	.02	.00	.54	.13	.12	.18	.00	0.54	0.27	-0.707
27	M	.02	.00	.13	.38	.37	.10	.00	0.38	0.24	0.043
28	M	.02	.00	.10	.56	.13	.18	.00	0.56	0.34	-0.790
29	M	.02	.00	.60	.18	.13	.07	.00	0.60	0.36	-0.958
30	M	.03	.00	.13	.14	.22	.48	.00	0.48	0.46	-0.434

Item Statistics for US History Form 420.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.14	.67	.12	.06	.00	0.67	0.15	-1.084
2	M	.00	.00	.63	.12	.18	.08	.00	0.63	0.23	-0.848
3	M	.00	.00	.09	.20	.26	.45	.00	0.45	0.34	-0.043
4	M	.01	.00	.24	.36	.10	.30	.00	0.36	0.35	0.388
5	M	.00	.00	.10	.23	.45	.22	.00	0.45	0.27	-0.071
6	M	.00	.00	.26	.10	.09	.55	.00	0.26	0.23	0.910
7	M	.00	.00	.12	.39	.26	.23	.00	0.23	0.30	1.059
8	M	.00	.00	.23	.06	.67	.04	.00	0.67	0.28	-1.084
9	M	.00	.00	.39	.42	.03	.17	.00	0.42	0.10	0.097
10	M	.00	.00	.61	.12	.06	.22	.00	0.61	0.24	-0.762
11	M	.01	.00	.09	.66	.12	.12	.00	0.66	0.26	-1.024
12	M	.00	.00	.34	.45	.08	.13	.00	0.34	0.28	0.449
13	M	.01	.00	.32	.13	.31	.23	.00	0.32	0.11	0.573
14	M	.01	.00	.31	.14	.19	.36	.00	0.36	0.35	0.388
15	M	.01	.00	.36	.24	.17	.23	.00	0.17	0.18	1.535
16	M	.01	.00	.07	.33	.48	.10	.00	0.48	0.15	-0.182
17	M	.01	.00	.14	.46	.26	.13	.00	0.46	0.25	-0.099
18	M	.01	.00	.12	.15	.30	.42	.00	0.42	0.38	0.069
19	M	.01	.00	.67	.09	.16	.06	.00	0.67	0.39	-1.084
20	M	.01	.00	.31	.31	.21	.15	.00	0.31	0.29	0.605
21	M	.01	.00	.48	.27	.10	.13	.00	0.48	0.24	-0.209
22	M	.02	.00	.26	.20	.28	.23	.00	0.28	0.29	0.805
23	M	.01	.00	.51	.36	.06	.07	.00	0.51	0.41	-0.319
24	M	.02	.00	.05	.26	.17	.50	.00	0.50	0.43	-0.291
25	M	.02	.00	.10	.69	.15	.04	.00	0.69	0.36	-1.177
26	M	.02	.00	.36	.30	.07	.25	.00	0.30	0.43	0.670
27	M	.03	.00	.07	.12	.57	.21	.00	0.57	0.38	-0.594
28	M	.02	.00	.15	.40	.13	.28	.00	0.28	0.17	0.770
29	M	.03	.00	.15	.29	.44	.10	.00	0.29	0.21	0.737
30	M	.03	.00	.48	.20	.20	.09	.00	0.48	0.20	-0.182

Item Statistics for US History Form 421.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.03	.78	.11	.08	.00	0.78	0.08	-1.119
2	M	.00	.00	.47	.06	.15	.33	.00	0.47	0.45	0.555
3	M	.00	.00	.13	.03	.55	.29	.00	0.55	0.43	0.154
4	M	.00	.00	.73	.08	.09	.09	.00	0.73	0.43	-0.803
5	M	.00	.00	.08	.64	.21	.07	.00	0.64	0.39	-0.286
6	M	.00	.00	.05	.40	.08	.47	.00	0.40	0.36	0.904
7	M	.00	.00	.29	.13	.53	.05	.00	0.53	0.49	0.247
8	M	.00	.00	.12	.04	.75	.09	.00	0.75	0.38	-0.879
9	M	.00	.00	.23	.08	.18	.51	.00	0.51	0.41	0.339
10	M	.01	.00	.56	.17	.20	.07	.00	0.56	0.54	0.123
11	M	.00	.00	.14	.29	.35	.22	.00	0.35	0.22	1.137
12	M	.01	.00	.20	.12	.51	.16	.00	0.51	0.32	0.339
13	M	.01	.00	.28	.54	.08	.09	.00	0.54	0.46	0.216
14	M	.00	.00	.04	.92	.01	.03	.00	0.92	0.25	-2.419
15	M	.00	.00	.03	.04	.15	.78	.00	0.78	0.44	-1.119
16	M	.00	.00	.17	.13	.60	.10	.00	0.60	0.06	-0.095
17	M	.00	.00	.16	.18	.25	.41	.00	0.41	0.32	0.839
18	M	.01	.00	.15	.04	.08	.72	.00	0.72	0.42	-0.730
19	M	.01	.00	.55	.11	.14	.20	.00	0.55	0.48	0.154
20	M	.01	.00	.73	.14	.06	.06	.00	0.73	0.30	-0.766
21	M	.01	.00	.35	.47	.11	.06	.00	0.47	0.18	0.524
22	M	.01	.00	.09	.52	.23	.15	.00	0.52	0.42	0.308
23	M	.01	.00	.06	.13	.33	.46	.00	0.46	0.37	0.586
24	M	.01	.00	.12	.01	.75	.11	.00	0.75	0.39	-0.879
25	M	.01	.00	.60	.23	.09	.06	.00	0.60	0.47	-0.095
26	M	.01	.00	.40	.30	.07	.22	.00	0.40	0.36	0.904
27	M	.01	.00	.12	.10	.06	.70	.00	0.70	0.45	-0.623
28	M	.01	.00	.08	.06	.44	.41	.00	0.44	0.44	0.712
29	M	.01	.00	.32	.15	.18	.33	.00	0.33	0.14	1.275
30	M	.01	.00	.03	.48	.39	.08	.00	0.48	0.25	0.493

Item Statistics for US History Form 422.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.25	.24	.49	.02	.00	0.49	0.47	0.213
2	M	.00	.00	.79	.16	.03	.02	.00	0.79	0.44	-1.386
3	M	.00	.00	.04	.90	.02	.04	.00	0.90	0.32	-2.387
4	M	.00	.00	.17	.09	.47	.27	.00	0.47	0.54	0.331
5	M	.00	.00	.07	.64	.12	.17	.00	0.64	0.32	-0.483
6	M	.00	.00	.08	.15	.09	.68	.00	0.68	0.28	-0.711
7	M	.00	.00	.11	.09	.41	.38	.00	0.38	0.44	0.754
8	M	.00	.00	.23	.46	.23	.09	.00	0.23	-.17	1.623
9	M	.00	.00	.05	.27	.11	.57	.00	0.57	0.38	-0.174
10	M	.00	.00	.17	.29	.46	.08	.00	0.46	0.48	0.361
11	M	.00	.00	.12	.31	.06	.51	.00	0.31	0.40	1.143
12	M	.01	.00	.41	.10	.28	.19	.00	0.41	0.39	0.601
13	M	.00	.00	.50	.35	.12	.02	.00	0.50	0.30	0.183
14	M	.02	.00	.08	.19	.61	.10	.00	0.61	0.41	-0.357
15	M	.00	.00	.01	.15	.09	.76	.00	0.76	0.51	-1.180
16	M	.01	.00	.03	.04	.05	.87	.00	0.87	0.43	-2.045
17	M	.01	.00	.03	.10	.03	.83	.00	0.83	0.51	-1.712
18	M	.02	.00	.12	.62	.15	.10	.00	0.62	0.33	-0.388
19	M	.01	.00	.15	.65	.10	.09	.00	0.65	0.35	-0.547
20	M	.01	.00	.39	.12	.25	.23	.00	0.25	0.25	1.466
21	M	.01	.00	.19	.19	.12	.50	.00	0.50	0.34	0.183
22	M	.01	.00	.07	.28	.33	.30	.00	0.28	0.32	1.282
23	M	.02	.00	.22	.25	.30	.21	.00	0.30	0.08	1.177
24	M	.01	.00	.10	.25	.58	.06	.00	0.58	0.29	-0.204
25	M	.01	.00	.19	.48	.22	.10	.00	0.48	0.14	0.272
26	M	.01	.00	.13	.36	.17	.33	.00	0.36	0.18	0.880
27	M	.02	.00	.06	.10	.20	.62	.00	0.62	0.33	-0.420
28	M	.02	.00	.14	.56	.20	.07	.00	0.56	0.35	-0.114
29	M	.02	.00	.35	.06	.38	.19	.00	0.35	0.51	0.944
30	M	.03	.00	.20	.07	.31	.40	.00	0.40	0.36	0.692

Item Statistics for US History Form 423.

Item	Key	B	0	1	2	3	4	9	Mean	Cor.	Rasch
1	M	.00	.00	.56	.11	.24	.09	.00	0.56	0.40	0.049
2	M	.00	.00	.04	.61	.06	.28	.00	0.61	0.44	-0.209
3	M	.01	.00	.66	.21	.06	.06	.00	0.66	0.33	-0.475
4	M	.00	.00	.60	.24	.05	.11	.00	0.60	0.39	-0.176
5	M	.01	.00	.24	.52	.15	.08	.00	0.52	0.46	0.240
6	M	.00	.00	.13	.13	.09	.65	.00	0.65	0.34	-0.441
7	M	.00	.00	.10	.55	.20	.14	.00	0.55	0.31	0.081
8	M	.01	.00	.56	.08	.20	.14	.00	0.56	0.43	0.049
9	M	.00	.00	.26	.50	.06	.18	.00	0.50	0.37	0.367
10	M	.01	.00	.08	.13	.68	.11	.00	0.68	0.43	-0.579
11	M	.00	.00	.30	.26	.22	.22	.00	0.30	0.27	1.409
12	M	.00	.00	.11	.12	.05	.72	.00	0.72	0.45	-0.794
13	M	.00	.00	.09	.11	.20	.59	.00	0.59	0.39	-0.111
14	M	.01	.00	.14	.57	.16	.11	.00	0.57	0.49	-0.015
15	M	.01	.00	.14	.16	.14	.55	.00	0.55	0.46	0.113
16	M	.01	.00	.71	.09	.12	.07	.00	0.71	0.53	-0.758
17	M	.01	.00	.56	.12	.04	.27	.00	0.56	0.50	0.049
18	M	.03	.00	.15	.12	.23	.48	.00	0.48	0.48	0.462
19	M	.01	.00	.69	.05	.21	.04	.00	0.69	0.43	-0.649
20	M	.03	.00	.66	.11	.10	.10	.00	0.66	0.48	-0.475
21	M	.01	.00	.28	.56	.08	.08	.00	0.56	0.49	0.049
22	M	.03	.00	.55	.11	.26	.06	.00	0.55	0.33	0.081
23	M	.02	.00	.11	.67	.11	.09	.00	0.67	0.44	-0.510
24	M	.02	.00	.09	.21	.57	.11	.00	0.57	0.40	-0.015
25	M	.02	.00	.10	.42	.27	.19	.00	0.42	0.16	0.752
26	M	.02	.00	.18	.43	.22	.15	.00	0.43	0.37	0.687
27	M	.01	.00	.03	.09	.60	.26	.00	0.60	0.20	-0.144
28	M	.03	.00	.19	.17	.52	.09	.00	0.52	0.50	0.240
29	M	.01	.00	.09	.13	.08	.69	.00	0.69	0.48	-0.614
30	M	.03	.00	.31	.39	.12	.15	.00	0.31	0.37	1.335