

NEW MEXICO HIGH SCHOOL COMPETENCY EXAM TECHNICAL REPORT: SPRING 2009 ADMINISTRATION

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Introduction

The New Mexico High School Competency Examination (NMHSCE) is a set of tests constructed to assess student performance in six content domains defined by the New Mexico Content Standards and Benchmarks. It supports the responsibility of New Mexico public schools in helping to determine if students have attained adequate mastery of the New Mexico essential competencies.

Beginning with the ninth-grade class of 1986-1987, New Mexico public high school students have been required to pass the New Mexico High School Competency Examination (NMHSCE) to receive a New Mexico high school diploma. The 1989-1990 school year was the first year that graduating seniors were required to pass the examination. Seniors who do not pass the examination, but fulfill the other course and credit requirements, are given the option of exiting with a certificate of completion or returning within the next five years to retake the examination, pass it, and receive a diploma. A student may receive an accommodation or waiver to the examination based on bilingual or special education program guidelines or unusual circumstances.

Development and Configuration of the NMHSCE

The NMHSCE assesses competencies in the content areas of Reading, Language Arts, Mathematics, Science, Social Studies, and Writing (Composition). Sophomores who fail any part of the NMHSCE have another chance in their junior year and two chances in their senior year to successfully complete the examination before graduation deadlines. All students participate; some participate through the standardized administration while others receive an accommodated administration as specified by their IEP. The remainder are administered the New Mexico Alternate Assessment. The NMHSCE may be taken in Spanish if the student qualifies to do so.

Test domain specifications, which describe the specific knowledge and skills that are assessed by the examination, were originally developed with the assistance and review of the Statewide Assessment Task Force and their colleagues and put into place with the first administration of the NMHSCE during the 1987-1988 school year.

The data from the tenth grade population tested that year were used to develop a New Mexico scale with a mean of 200 and a standard deviation of 40 for each of the following tests: Reading, Language Arts, Mathematics, Science, and Social Studies. A standard setting committee met that year and recommended that a scale score of 150 would represent adequate performance on each of these tests. The New Mexico State Board of Education adopted that recommendation. The Composition (Writing) Test consists of a single prompt, different each year, and therefore not scaled. Instead, the scoring rubric provides the scale. This scale is a six-point rubric and uses the average of two reads. In the first few years of the program, a score of 2.5 was used as the passing score. In 1993-1994 the standard was raised to 3.0.

As the examination has evolved since 1986, new test items have been added, old ones replaced, and performance-based test items (open-ended and constructed response type items) have been piloted and included. These changes led to a revised examination, with new domain specifications, which were administered during the 1995-1996 school year. Individuals from the State Department of Education, local school districts, institutions of higher education, and publisher's representatives were all involved in the development and review of the pool of new test items, as well as the new domain specifications for the 1995-1996 NMHSCE.

In 1996 a Standard Setting workshop using the Bookmark procedure was conducted to recommend the cut scores for passing. This Standard Setting

workshop involved content specialists from the State Department of Education and teachers from local New Mexico schools utilizing the New Mexico Content Standards and Benchmarks. However the 150 scale score standard stayed in place until Spring 2001 at which time the standard was raised to 175. This change was in response to the recommendations of the 1996 standard setting committee.

Overview

Currently, the NMHSCE is administered twice a year, one in the fall and the other in the spring. The fall administrations contain only multiple-choice (MC) items whereas the spring administrations for English tests contain both MC items and performance assessment (PA) items. Different forms have been rotated through administrations for the English language tests whereas only one form has been used for the Spanish language tests. Table 1 contains the administration-form matrix for the English language tests from the fall 2006 NMHSCE administration to the fall 2009 NMHSCE administration. Form H was used for the spring 2009 NMHSCE administration.

Table 1 NMHSCE Form Schedule for English Language Tests

Administration	Form Name
Fall 06	B
Spring 07	C
Fall 07	E
Spring 08	C
Fall 08	G
Spring 09	H
Fall 09	I

This report contains results of the analyses conducted on five of the six content areas of the spring 2009 NMHSCE. The five content areas are: Reading, Language Arts, Mathematics, Science, and Social Studies. These examinations are given in both English and Spanish, and results are presented for both within this report. Each English test is comprised of both MC and PA items. The Spanish tests contain only MC items.

The Reading component of the spring 2009 English NMHSCE assessments was originally administered in 2000 whereas the other components were first administered in 2001. The Spanish form was first administered in 1999. All tests were equated and scaled using item response theory (IRT). Technical details of these procedures can be found in the NMHSCE technical documentation of each corresponding year. The 2009 assessments make use of IRT pre-equating in order to maintain comparability of scores across administrations (Kolen and Brennan, 2004). Raw-to-scale-score tables for the administrations from fall 2006 to fall 2009 of the NMHSCE are provided in Appendix A.

Descriptive Statistics and Test Reliability

Number-correct classical descriptive statistics were determined for each content area over the full populations who took the English and Spanish NMHSCE tests respectively. These were determined for subgroups as well and are provided in Tables 2 and 3. Maximum obtainable score, raw score mean and standard-deviations of number-correct total scores and coefficient alpha reliability results are presented for each content area.

Table 2 2009 NMHSCE (Form H) Raw Score Statistics and Test Reliability – English Speaking

Content	Group	Mean	Std Dev	N	Alpha
Reading (Maximum obtainable score=35)	Overall	22.09	7.09	25675	0.88
	Male	21.81	7.28	12884	0.89
	Female	22.43	6.86	12467	0.87
	Caucasian	25.65	6.27	6859	0.87
	Hispanic	20.98	6.88	13237	0.87
	Native American	19.01	6.49	3319	0.84
Language Arts (Maximum obtainable score=42)	Overall	25.05	7.13	26048	0.84
	Male	23.81	7.17	13300	0.84
	Female	26.43	6.81	12408	0.83
	Caucasian	28.14	6.81	6958	0.83
	Hispanic	24.09	6.89	13428	0.83
	Native American	22.32	6.34	3365	0.81
Mathematics (Maximum obtainable score=35)	Overall	22.52	7.23	26172	0.87
	Male	22.63	7.43	12974	0.88
	Female	22.48	7.01	12851	0.87
	Caucasian	25.71	6.68	7006	0.87
	Hispanic	21.44	7.06	13468	0.86
	Native American	20.26	6.72	3379	0.84
Science (Maximum obtainable score=36)	Overall	21.18	6.32	26744	0.81
	Male	21.70	6.61	13082	0.83
	Female	20.71	5.96	13306	0.79
	Caucasian	24.59	5.89	6927	0.80
	Hispanic	20.02	6.01	13875	0.79
	Native American	18.90	5.54	3598	0.75
Social Studies (Maximum obtainable score=30)	Overall	16.93	5.28	25703	0.79
	Male	17.28	5.50	12585	0.81
	Female	16.60	5.01	12788	0.76
	Caucasian	19.54	5.09	6881	0.79
	Hispanic	15.98	5.01	13283	0.76
	Native American	15.21	4.56	3262	0.72

Table 3 2009 NMHSCE Raw Score Statistics and Test Reliability – Spanish Speaking

Content	Group	Mean	Std Dev	N	Alpha
Reading (Maximum obtainable score=31)	Overall	16.60	3.97	450	0.61
	Male	16.40	4.09	219	0.63
	Female	16.76	3.85	228	0.59
Language Arts (Maximum obtainable score=25)	Overall	12.18	3.27	440	0.51
	Male	11.73	3.30	217	0.51
	Female	12.65	3.19	219	0.50
Mathematics (Maximum obtainable score=31)	Overall	15.73	4.98	400	0.75
	Male	15.58	5.06	189	0.75
	Female	15.89	4.94	207	0.75
Science (Maximum obtainable score=27)	Overall	9.37	3.15	429	0.44
	Male	9.21	3.15	196	0.44
	Female	9.51	3.17	230	0.45
Social Studies (Maximum obtainable score=29)	Overall	12.36	3.60	449	0.54
	Male	12.55	3.73	214	0.57
	Female	12.23	3.49	230	0.51

Classical item-level statistics for each subject by subgroup were also determined and are provided in Appendices B and C for all MC items. For each item, p-value (item mean based on scoring of 0 for incorrect responses, 1 for correct responses), percentage of students omitting or providing an invalid response on the item, proportion of students choosing each response option (distractor analysis), and point-biserial correlations (for each response option) are provided. Correct answers are denoted by an asterisk within the response distributions.

Appendix D presents classical item level statistics for all PA items (English only) overall and by subgroup. For each item, item mean score, standard deviation, mean score as a percentage of the maximum obtainable score, item-total test correlation coefficient, proportion of students earning each score point, and proportion of students omitting or providing an invalid response are provided.

References

Kolen, M.J. & Brennan, R. L. (2004). Test equating, scaling, and linking: Methods and practices (2nd Edition). New York: Springer.

APPENDIX A

Raw-to-Scale-Score Tables for English and Spanish Tests¹

¹ The conversion tables for the English tests are arranged in the order of administrations, starting from the fall 2009 administration.

A.1. Raw Score to Scale Score Conversion Tables for English Form I (Fall 2009 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form I)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	142
1	30	142
2	30	142
3	30	142
4	30	142
5	30	142
6	30	142
7	30	142
8	114	57
9	136	36
10	148	24
11	157	19
12	164	16
13	170	14
14	175	13
15	180	12
16	185	11
17	189	11
18	194	11
19	198	11
20	203	11
21	208	11
22	213	12
23	218	12
24	224	13
25	231	14
26	239	15
27	249	17
28	264	23
29	291	42
30	330	80

**Raw Score to Scale Score Conversion Table for Language Arts (Form I)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	104
1	20	104
2	20	104
3	20	104
4	20	104
5	20	104
6	20	104
7	54	70
8	79	45
9	95	33
10	107	27
11	117	23
12	126	20
13	133	19
14	140	17
15	147	16
16	153	16
17	159	15
18	166	15
19	172	15
20	179	16
21	186	17
22	194	17
23	203	18
24	212	19
25	223	21
26	237	24
27	256	32
28	287	49
29	340	89
30	340	89

**Raw Score to Scale Score Conversion Table for Mathematics (Form I)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	126
1	17	126
2	17	126
3	17	126
4	17	126
5	17	126
6	17	126
7	31	112
8	75	68
9	98	45
10	114	33
11	126	27
12	136	23
13	144	20
14	152	19
15	159	18
16	166	17
17	172	16
18	179	15
19	185	15
20	191	14
21	197	13
22	203	12
23	209	12
24	215	12
25	221	13
26	229	14
27	238	16
28	251	20
29	272	30
30	320	77

**Raw Score to Scale Score Conversion Table for Science (Form I)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	87
1	60	87
2	60	87
3	60	87
4	60	87
5	60	87
6	60	87
7	100	47
8	117	30
9	128	23
10	136	19
11	144	17
12	150	15
13	156	15
14	162	14
15	168	14
16	174	14
17	180	14
18	187	15
19	193	15
20	200	15
21	208	15
22	215	15
23	224	16
24	233	16
25	244	18
26	258	23
27	283	36
28	330	71

**Raw Score to Scale Score Conversion Table for Social Studies (Form I)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	122
1	50	122
2	50	122
3	50	122
4	50	122
5	50	122
6	50	122
7	106	66
8	130	41
9	145	30
10	156	24
11	165	21
12	172	19
13	180	17
14	186	16
15	192	15
16	199	15
17	205	14
18	210	14
19	216	13
20	222	13
21	228	13
22	234	13
23	241	14
24	248	15
25	257	16
26	267	18
27	282	23
28	307	33
29	340	57

A.2. Raw Score to Scale Score Conversion Tables for English Form H (Spring 2009 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form H)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	140
1	30	140
2	30	140
3	30	140
4	30	140
5	30	140
6	30	140
7	123	47
8	141	29
9	151	20
10	158	15
11	163	13
12	167	11
13	171	10
14	175	9
15	178	9
16	181	9
17	184	8
18	187	8
19	191	8
20	194	8
21	197	8
22	200	8
23	203	8
24	206	8
25	210	9
26	213	9
27	217	9
28	222	10
29	227	11
30	233	12
31	240	13
32	249	15
33	261	19
34	283	29
35	330	63

**Raw Score to Scale Score Conversion Table for Language Arts (Form H)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	113
1	20	113
2	20	113
3	20	113
4	20	113
5	20	113
6	61	72
7	90	43
8	105	28
9	116	22
10	124	19
11	131	16
12	136	15
13	142	14
14	147	13
15	151	12
16	156	12
17	160	11
18	164	11
19	168	11
20	172	11
21	176	11
22	179	10
23	183	10
24	187	10
25	191	10
26	194	10
27	198	10
28	202	10
29	206	10
30	210	10
31	214	10
32	218	10
33	223	11
34	228	11
35	233	12
36	240	13
37	247	14
38	255	15
39	266	17
40	280	20
41	301	27
42	340	54

**Raw Score to Scale Score Conversion Table for Mathematics (Form H)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	131
1	17	131
2	17	131
3	17	131
4	17	131
5	17	131
6	31	117
7	90	58
8	111	37
9	123	27
10	133	22
11	140	19
12	147	17
13	152	15
14	158	14
15	163	14
16	167	13
17	172	13
18	176	13
19	181	13
20	185	12
21	190	12
22	194	12
23	199	12
24	204	12
25	209	12
26	214	12
27	219	12
28	224	12
29	230	12
30	236	13
31	243	15
32	253	19
33	268	26
34	297	44
35	320	62

**Raw Score to Scale Score Conversion Table for Science (Form H)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	76
1	60	76
2	60	76
3	60	76
4	60	76
5	60	76
6	60	76
7	78	58
8	97	39
9	111	30
10	121	25
11	130	23
12	138	21
13	145	19
14	151	18
15	157	17
16	163	17
17	169	16
18	175	16
19	180	16
20	186	16
21	191	15
22	197	15
23	202	15
24	208	15
25	213	15
26	219	14
27	224	14
28	230	15
29	236	15
30	243	16
31	250	17
32	259	19
33	270	22
34	286	28
35	314	44
36	330	54

**Raw Score to Scale Score Conversion Table for Social Studies (Form H)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	101
1	50	101
2	50	101
3	50	101
4	50	101
5	77	73
6	107	43
7	124	30
8	135	24
9	144	21
10	152	19
11	160	18
12	166	17
13	173	16
14	179	16
15	185	16
16	192	16
17	198	15
18	204	15
19	210	15
20	216	15
21	222	15
22	229	15
23	235	15
24	242	15
25	250	16
26	258	17
27	269	20
28	284	25
29	311	39
30	340	59

A.3. Raw Score to Scale Score Conversion Tables for English Form G (Fall 2008 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form G)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	116
1	30	116
2	30	116
3	30	116
4	30	116
5	30	116
6	30	116
7	70	76
8	100	46
9	116	30
10	127	22
11	135	18
12	142	15
13	148	13
14	153	12
15	157	11
16	162	10
17	166	10
18	170	10
19	174	9
20	178	9
21	182	9
22	186	10
23	191	10
24	197	11
25	204	13
26	213	16
27	227	20
28	248	25
29	330	107

**Raw Score to Scale Score Conversion Table for Language Arts (Form G)
English Speaking**

RAW SCORE	SCALED SCORE	SE ²
0	20	NA
1	20	NA
2	20	NA
3	20	NA
4	20	NA
5	57	NA
6	99	NA
7	117	NA
8	130	NA
9	140	NA
10	147	NA
11	154	NA
12	160	NA
13	166	NA
14	171	NA
15	176	NA
16	182	NA
17	187	NA
18	193	NA
19	199	NA
20	204	NA
21	211	NA
22	217	NA
23	225	NA
24	233	NA
25	243	NA
26	254	NA
27	271	NA
28	300	NA
29	340	NA

² The fall administrations of the NMHSCE contain only MC items. The Raw Score to Scale Score conversion tables for Language Arts, Math, Science, and Social Studies components of this administration were obtained by amending the conversion tables from the full tests, which included performance assessment items, using the equi-percentile method. The standard errors were not available for these tests.

**Raw Score to Scale Score Conversion Table for Mathematics (Form G)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	NA
1	17	NA
2	17	NA
3	17	NA
4	17	NA
5	53	NA
6	98	NA
7	116	NA
8	130	NA
9	140	NA
10	148	NA
11	155	NA
12	162	NA
13	168	NA
14	174	NA
15	180	NA
16	186	NA
17	192	NA
18	197	NA
19	202	NA
20	208	NA
21	213	NA
22	219	NA
23	225	NA
24	232	NA
25	240	NA
26	251	NA
27	266	NA
28	297	NA
29	320	NA

**Raw Score to Scale Score Conversion Table for Science (Form G)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	NA
1	60	NA
2	60	NA
3	60	NA
4	60	NA
5	75	NA
6	104	NA
7	120	NA
8	131	NA
9	141	NA
10	149	NA
11	157	NA
12	163	NA
13	171	NA
14	177	NA
15	182	NA
16	188	NA
17	194	NA
18	200	NA
19	206	NA
20	212	NA
21	217	NA
22	224	NA
23	231	NA
24	238	NA
25	245	NA
26	255	NA
27	268	NA
28	291	NA
29	330	NA

**Raw Score to Scale Score Conversion Table for Social Studies (Form G)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	NA
1	50	NA
2	50	NA
3	50	NA
4	50	NA
5	74	NA
6	108	NA
7	124	NA
8	135	NA
9	145	NA
10	153	NA
11	160	NA
12	168	NA
13	176	NA
14	183	NA
15	191	NA
16	198	NA
17	206	NA
18	212	NA
19	218	NA
20	224	NA
21	230	NA
22	236	NA
23	242	NA
24	249	NA
25	257	NA
26	268	NA
27	285	NA
28	317	NA
29	340	NA

A.4. Raw Score to Scale Score Conversion Tables for English Form C (Spring 2008 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	127
1	30	127
2	30	127
3	30	127
4	30	127
5	30	127
6	95	62
7	119	37
8	132	25
9	141	19
10	148	16
11	153	14
12	158	13
13	163	12
14	167	11
15	171	10
16	174	10
17	178	10
18	181	10
19	184	10
20	188	9
21	191	10
22	195	10
23	198	10
24	202	10
25	205	10
26	209	10
27	214	11
28	218	12
29	224	12
30	230	14
31	237	15
32	246	17
33	258	22
34	280	33
35	330	81

**Raw Score to Scale Score Conversion Table for Language Arts (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	120
1	20	120
2	20	120
3	20	120
4	20	120
5	20	120
6	20	120
7	69	71
8	96	44
9	111	30
10	122	23
11	130	19
12	137	17
13	143	15
14	149	14
15	154	13
16	159	13
17	163	12
18	168	12
19	172	12
20	176	12
21	180	12
22	184	11
23	188	11
24	192	11
25	196	11
26	201	11
27	205	11
28	209	11
29	213	11
30	217	11
31	222	11
32	227	11
33	231	11
34	236	11
35	242	12
36	247	12
37	254	13
38	261	14
39	270	16
40	283	20
41	306	32
42	340	67

**Raw Score to Scale Score Conversion Table for Mathematics (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	134
1	17	134
2	17	134
3	17	134
4	17	134
5	17	134
6	17	134
7	63	88
8	99	52
9	116	34
10	128	26
11	138	22
12	145	19
13	152	18
14	159	16
15	164	16
16	170	15
17	175	14
18	180	14
19	185	13
20	190	13
21	194	13
22	198	12
23	202	12
24	206	12
25	210	12
26	214	12
27	218	12
28	222	12
29	227	12
30	231	13
31	236	13
32	241	14
33	247	15
34	255	17
35	264	19
36	277	23
37	298	34
38	320	48

**Raw Score to Scale Score Conversion Table for Science (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	93
1	60	93
2	60	93
3	60	93
4	60	93
5	60	93
6	63	90
7	100	53
8	118	35
9	130	26
10	140	22
11	148	19
12	155	18
13	161	17
14	167	16
15	173	16
16	179	15
17	185	15
18	190	15
19	196	15
20	202	15
21	207	14
22	213	14
23	218	14
24	224	14
25	230	14
26	236	14
27	242	15
28	250	16
29	258	18
30	268	21
31	280	25
32	295	30
33	315	37
34	330	43
35	330	43

**Raw Score to Scale Score Conversion Table for Social Studies (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	111
1	50	111
2	50	111
3	50	111
4	50	111
5	50	111
6	73	88
7	107	53
8	125	35
9	137	27
10	147	23
11	155	20
12	162	19
13	168	18
14	175	17
15	181	17
16	187	17
17	193	16
18	198	15
19	204	15
20	209	14
21	214	14
22	219	13
23	224	13
24	229	13
25	235	13
26	240	13
27	246	14
28	252	14
29	259	15
30	267	17
31	277	20
32	292	26
33	320	40
34	340	54

A.5. Raw Score to Scale Score Conversion Tables for English Form E (Fall 2007 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form E)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	140
1	30	140
2	30	140
3	30	140
4	30	140
5	30	140
6	31	140
7	127	44
8	143	28
9	152	19
10	159	15
11	165	13
12	169	11
13	174	10
14	177	10
15	181	9
16	184	9
17	188	8
18	191	8
19	194	8
20	198	8
21	201	8
22	205	9
23	209	9
24	214	10
25	219	11
26	226	12
27	233	13
28	243	15
29	259	22
30	330	93

**Raw Score to Scale Score Conversion Table for Language Arts (Form E)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	130
1	20	130
2	20	130
3	20	130
4	20	130
5	20	130
6	62	88
7	102	48
8	119	31
9	130	22
10	139	18
11	145	16
12	151	14
13	157	13
14	162	13
15	167	12
16	172	12
17	178	13
18	183	13
19	189	13
20	195	13
21	202	14
22	209	14
23	216	14
24	224	14
25	233	15
26	243	16
27	256	19
28	278	30
29	340	89

**Raw Score to Scale Score Conversion Table for Mathematics (Form E)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	145
1	17	145
2	17	145
3	17	145
4	17	145
5	17	145
6	17	145
7	85	77
8	116	46
9	132	30
10	143	23
11	151	19
12	158	17
13	165	16
14	171	15
15	177	15
16	183	14
17	189	14
18	195	13
19	201	13
20	206	12
21	211	11
22	217	11
23	222	10
24	227	11
25	233	11
26	239	12
27	248	14
28	260	20
29	287	39
30	320	67

**Raw Score to Scale Score Conversion Table for Science (Form E)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	93
1	60	93
2	60	93
3	60	93
4	60	93
5	60	93
6	60	93
7	98	55
8	117	36
9	130	28
10	141	24
11	150	21
12	158	19
13	166	18
14	173	17
15	179	16
16	186	16
17	192	15
18	199	15
19	205	14
20	211	14
21	217	13
22	223	13
23	229	13
24	236	14
25	243	15
26	253	17
27	265	21
28	287	30
29	330	67

**Raw Score to Scale Score Conversion Table for Social Studies (Form E)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	107
1	50	107
2	50	107
3	50	107
4	50	107
5	50	107
6	90	67
7	117	40
8	131	27
9	141	22
10	149	19
11	157	18
12	164	17
13	171	17
14	178	17
15	185	18
16	192	18
17	199	18
18	207	18
19	215	17
20	223	17
21	230	16
22	237	15
23	245	15
24	253	16
25	262	17
26	275	23
27	298	43
28	340	80
29	340	80

A.6. Raw Score to Scale Score Conversion Tables for English Form C (Spring 2007 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	127
1	30	127
2	30	127
3	30	127
4	30	127
5	30	127
6	95	62
7	119	37
8	132	25
9	141	19
10	148	16
11	153	14
12	158	13
13	163	12
14	167	11
15	171	10
16	174	10
17	178	10
18	181	10
19	184	10
20	188	9
21	191	10
22	195	10
23	198	10
24	202	10
25	205	10
26	209	10
27	214	11
28	218	12
29	224	12
30	230	14
31	237	15
32	246	17
33	258	22
34	280	33
35	330	81

**Raw Score to Scale Score Conversion Table for Language Arts (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	120
1	20	120
2	20	120
3	20	120
4	20	120
5	20	120
6	20	120
7	69	71
8	96	44
9	111	30
10	122	23
11	130	19
12	137	17
13	143	15
14	149	14
15	154	13
16	159	13
17	163	12
18	168	12
19	172	12
20	176	12
21	180	12
22	184	11
23	188	11
24	192	11
25	196	11
26	201	11
27	205	11
28	209	11
29	213	11
30	217	11
31	222	11
32	227	11
33	231	11
34	236	11
35	242	12
36	247	12
37	254	13
38	261	14
39	270	16
40	283	20
41	306	32
42	340	67

**Raw Score to Scale Score Conversion Table for Mathematics (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	134
1	17	134
2	17	134
3	17	134
4	17	134
5	17	134
6	17	134
7	63	88
8	99	52
9	116	34
10	128	26
11	138	22
12	145	19
13	152	18
14	159	16
15	164	16
16	170	15
17	175	14
18	180	14
19	185	13
20	190	13
21	194	13
22	198	12
23	202	12
24	206	12
25	210	12
26	214	12
27	218	12
28	222	12
29	227	12
30	231	13
31	236	13
32	241	14
33	247	15
34	255	17
35	264	19
36	277	23
37	298	34
38	320	48

**Raw Score to Scale Score Conversion Table for Science (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	93
1	60	93
2	60	93
3	60	93
4	60	93
5	60	93
6	63	90
7	100	53
8	118	35
9	130	26
10	140	22
11	148	19
12	155	18
13	161	17
14	167	16
15	173	16
16	179	15
17	185	15
18	190	15
19	196	15
20	202	15
21	207	14
22	213	14
23	218	14
24	224	14
25	230	14
26	236	14
27	242	15
28	250	16
29	258	18
30	268	21
31	280	25
32	295	30
33	315	37
34	330	43
35	330	43

**Raw Score to Scale Score Conversion Table for Social Studies (Form C)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	111
1	50	111
2	50	111
3	50	111
4	50	111
5	50	111
6	73	88
7	107	53
8	125	35
9	137	27
10	147	23
11	155	20
12	162	19
13	168	18
14	175	17
15	181	17
16	187	17
17	193	16
18	198	15
19	204	15
20	209	14
21	214	14
22	219	13
23	224	13
24	229	13
25	235	13
26	240	13
27	246	14
28	252	14
29	259	15
30	267	17
31	277	20
32	292	26
33	320	40
34	340	54

A.7. Raw Score to Scale Score Conversion Tables for English Form B (Fall 2006 Administration)

**Raw Score to Scale Score Conversion Table for Reading (Form B)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	30	116
1	30	116
2	30	116
3	30	116
4	30	116
5	30	116
6	30	116
7	70	76
8	100	46
9	116	30
10	127	22
11	135	18
12	142	15
13	148	13
14	153	12
15	157	11
16	162	10
17	166	10
18	170	10
19	174	9
20	178	9
21	182	9
22	186	10
23	191	10
24	197	11
25	204	13
26	213	16
27	227	20
28	248	25
29	330	107

**Raw Score to Scale Score Conversion Table for Language Arts (Form B)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	20	104
1	20	104
2	20	104
3	20	104
4	20	104
5	20	104
6	20	104
7	54	70
8	79	45
9	95	33
10	107	27
11	117	23
12	126	20
13	133	19
14	140	17
15	147	16
16	153	16
17	159	15
18	166	15
19	172	15
20	179	16
21	186	17
22	194	17
23	203	18
24	212	19
25	223	21
26	237	24
27	256	32
28	287	49
29	340	89
30	340	89

**Raw Score to Scale Score Conversion Table for Mathematics (Form B)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	17	126
1	17	126
2	17	126
3	17	126
4	17	126
5	17	126
6	17	126
7	31	112
8	75	68
9	98	45
10	114	33
11	126	27
12	136	23
13	144	20
14	152	19
15	159	18
16	166	17
17	172	16
18	179	15
19	185	15
20	191	14
21	197	13
22	203	12
23	209	12
24	215	12
25	221	13
26	229	14
27	238	16
28	251	20
29	272	30
30	320	77

**Raw Score to Scale Score Conversion Table for Science (Form B)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	60	87
1	60	87
2	60	87
3	60	87
4	60	87
5	60	87
6	60	87
7	100	47
8	117	30
9	128	23
10	136	19
11	144	17
12	150	15
13	156	15
14	162	14
15	168	14
16	174	14
17	180	14
18	187	15
19	193	15
20	200	15
21	208	15
22	215	15
23	224	16
24	233	16
25	244	18
26	258	23
27	283	36
28	330	71

**Raw Score to Scale Score Conversion Table for Social Studies (Form B)
English Speaking**

RAW SCORE	SCALED SCORE	SE
0	50	122
1	50	122
2	50	122
3	50	122
4	50	122
5	50	122
6	50	122
7	106	66
8	130	41
9	145	30
10	156	24
11	165	21
12	172	19
13	180	17
14	186	16
15	192	15
16	199	15
17	205	14
18	210	14
19	216	13
20	222	13
21	228	13
22	234	13
23	241	14
24	248	15
25	257	16
26	267	18
27	282	23
28	307	33
29	340	57

A.8. Raw Score to Scale Score Conversion Tables for Spanish Tests (All Administrations)

**Raw Score to Scale Score Conversion Table for Reading
Spanish Speaking**

RAW SCORE	SCALED SCORE
0	40
1	40
2	40
3	40
4	40
5	40
6	40
7	40
8	40
9	74
10	93
11	107
12	119
13	130
14	139
15	149
16	157
17	166
18	174
19	182
20	190
21	198
22	206
23	214
24	224
25	234
26	245
27	257
28	273
29	296
30	335
31	350

**Raw Score to Scale Score Conversion Table for Language Arts
Spanish Speaking**

RAW SCORE	SCALED SCORE
0	40
1	40
2	40
3	40
4	40
5	40
6	40
7	74
8	103
9	123
10	138
11	150
12	160
13	169
14	177
15	185
16	193
17	201
18	209
19	217
20	226
21	237
22	249
23	266
24	296
25	340

**Raw Score to Scale Score Conversion Table for Mathematics
Spanish Speaking**

RAW SCORE	SCALED SCORE
0	51
1	51
2	51
3	51
4	51
5	51
6	51
7	51
8	55
9	91
10	112
11	127
12	138
13	148
14	157
15	164
16	172
17	179
18	185
19	192
20	198
21	204
22	211
23	217
24	224
25	232
26	240
27	250
28	262
29	279
30	309
31	360

**Raw Score to Scale Score Conversion Table for Science
Spanish Speaking**

RAW SCORE	SCALED SCORE
0	75
1	75
2	75
3	75
4	75
5	75
6	75
7	122
8	145
9	159
10	170
11	180
12	188
13	196
14	203
15	211
16	218
17	225
18	232
19	239
20	246
21	254
22	262
23	271
24	281
25	295
26	318
27	360

**Raw Score to Scale Score Conversion Table for Social Studies
Spanish Speaking**

RAW SCORE	SCALED SCORE
0	40
1	40
2	40
3	40
4	40
5	40
6	40
7	45
8	110
9	131
10	145
11	156
12	165
13	174
14	182
15	190
16	198
17	206
18	213
19	220
20	228
21	235
22	242
23	249
24	257
25	265
26	276
27	290
28	324
29	360

APPENDIX B

**Classical Item Statistics for All Multiple-Choice Items:
English (Form H)**

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	T	1	76.54	0.04	0.01	8.01	11.03	76.54*	4.37	-0.20	-0.24	0.36	-0.11
Reading	T	2	66.33	0.04	0.02	18.05	66.33*	10.33	5.22	-0.26	0.44	-0.23	-0.18
Reading	T	3	85.38	0.05	0.02	85.38*	1.98	5.36	7.21	0.39	-0.19	-0.25	-0.21
Reading	T	4	70.02	0.03	0.01	19.18	8.68	70.02*	2.08	-0.14	-0.27	0.33	-0.14
Reading	T	5	75.76	0.04	0.02	5.91	13.04	75.76*	5.23	-0.22	-0.24	0.39	-0.17
Reading	T	6	56.03	0.06	0.01	56.03*	16.20	12.06	15.64	0.32	-0.11	-0.21	-0.14
Reading	T	7	69.44	0.05	0.02	7.88	14.70	7.89	69.44*	-0.21	-0.28	-0.19	0.45
Reading	T	8	73.20	0.04	0.01	73.2*	14.91	3.08	8.75	0.40	-0.26	-0.15	-0.21
Reading	T	9	80.01	0.04	0.02	11.76	3.30	4.88	80.01*	-0.32	-0.16	-0.24	0.46
Reading	T	10	78.81	0.04	0.01	7.11	8.59	78.81*	5.43	-0.22	-0.29	0.46	-0.22
Reading	T	11	77.38	0.05	0.01	77.38*	1.91	3.94	16.71	0.41	-0.19	-0.21	-0.28
Reading	T	12	49.88	0.14	0.01	16.65	6.14	27.19	49.88*	-0.30	-0.23	-0.27	0.58
Reading	T	13	61.50	0.08	0.01	16.63	61.5*	13.01	8.77	-0.08	0.35	-0.21	-0.25
Reading	T	14	39.91	0.13	0.00	39.91*	23.41	12.67	23.88	0.30	-0.13	-0.23	-0.03
Reading	T	15	71.23	0.07	0.00	15.30	71.23*	8.52	4.88	-0.18	0.40	-0.31	-0.14
Reading	T	16	77.39	0.06	0.00	6.63	77.39*	12.14	3.78	-0.23	0.46	-0.30	-0.18
Reading	T	17	78.91	0.13	0.00	6.74	8.81	78.91*	5.41	-0.17	-0.25	0.38	-0.18
Reading	T	18	88.08	0.09	0.01	3.56	3.85	4.41	88.08*	-0.27	-0.27	-0.29	0.51
Reading	T	19	60.91	0.11	0.01	21.04	60.91*	7.71	10.22	-0.08	0.35	-0.28	-0.20
Reading	T	20	69.78	0.10	0.02	5.64	69.78*	13.49	10.96	-0.28	0.49	-0.32	-0.15
Reading	T	21	64.37	0.14	0.03	19.35	8.65	7.46	64.37*	0.06	-0.25	-0.26	0.25
Reading	T	22	73.03	0.12	0.01	14.48	73.03*	7.57	4.79	-0.33	0.51	-0.27	-0.16
Reading	T	23	83.99	0.14	0.02	5.87	4.37	5.60	83.99*	-0.25	-0.28	-0.28	0.50
Reading	T	24	58.75	0.23	0.00	4.18	6.40	58.75*	30.44	-0.23	-0.19	0.30	-0.11
Reading	T	25	56.31	0.15	0.01	4.09	4.63	34.81	56.31*	-0.22	-0.22	-0.21	0.39
Reading	T	26	68.28	0.15	0.02	11.27	9.97	10.31	68.28*	-0.29	-0.28	-0.26	0.56
Reading	T	27	66.65	0.12	0.01	6.40	12.96	66.65*	13.85	-0.25	-0.29	0.48	-0.19
Reading	T	28	57.12	0.20	0.02	8.73	57.12*	22.01	11.92	-0.23	0.26	-0.02	-0.18
Reading	T	29	24.02	0.23	0.01	12.88	41.44	21.43	24.02*	-0.11	0.09	-0.29	0.28
Reading	T	30	71.39	0.20	0.02	16.27	3.36	8.76	71.39*	-0.16	-0.23	-0.27	0.40
Reading	F	1	77.13	0.03	0.00	7.12	11.21	77.13*	4.50	-0.18	-0.25	0.35	-0.11
Reading	F	2	68.46	0.03	0.01	16.80	68.46*	9.74	4.96	-0.28	0.44	-0.21	-0.17
Reading	F	3	85.20	0.02	0.02	85.2*	1.74	5.17	7.84	0.38	-0.18	-0.24	-0.21
Reading	F	4	71.45	0.02	0.01	18.50	8.21	71.45*	1.81	-0.12	-0.26	0.30	-0.15
Reading	F	5	77.14	0.03	0.01	5.41	12.17	77.14*	5.25	-0.21	-0.21	0.36	-0.16
Reading	F	6	56.47	0.06	0.02	56.47*	15.90	12.34	15.22	0.31	-0.10	-0.20	-0.14
Reading	F	7	70.93	0.05	0.03	7.75	14.16	7.08	70.93*	-0.19	-0.28	-0.17	0.43
Reading	F	8	72.36	0.03	0.01	72.36*	16.45	2.45	8.69	0.40	-0.27	-0.12	-0.20
Reading	F	9	81.51	0.03	0.02	11.70	2.72	4.01	81.51*	-0.32	-0.13	-0.22	0.43

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	F	10	80.11	0.04	0.00	6.22	7.88	80.11*	5.75	-0.18	-0.28	0.43	-0.22
Reading	F	11	75.98	0.05	0.02	75.98*	1.51	4.05	18.39	0.40	-0.17	-0.20	-0.28
Reading	F	12	52.91	0.13	0.00	17.00	5.61	24.35	52.91*	-0.31	-0.23	-0.29	0.59
Reading	F	13	62.99	0.05	0.01	16.65	62.99*	12.25	8.05	-0.07	0.35	-0.23	-0.25
Reading	F	14	38.49	0.14	0.01	38.49*	25.56	12.40	23.41	0.29	-0.12	-0.23	-0.04
Reading	F	15	73.60	0.06	0.00	14.13	73.6*	7.87	4.34	-0.18	0.38	-0.29	-0.12
Reading	F	16	78.76	0.04	0.00	6.70	78.76*	11.08	3.43	-0.22	0.45	-0.31	-0.18
Reading	F	17	79.16	0.12	0.00	6.62	9.10	79.16*	5.00	-0.15	-0.23	0.35	-0.17
Reading	F	18	88.87	0.06	0.02	3.20	3.38	4.48	88.87*	-0.25	-0.24	-0.29	0.48
Reading	F	19	56.57	0.07	0.01	24.99	56.57*	8.25	10.11	-0.02	0.30	-0.27	-0.21
Reading	F	20	69.81	0.10	0.03	5.34	69.81*	13.11	11.60	-0.26	0.45	-0.30	-0.15
Reading	F	21	63.56	0.13	0.02	19.80	8.85	7.64	63.56*	0.09	-0.23	-0.26	0.21
Reading	F	22	71.61	0.06	0.01	15.66	71.61*	8.05	4.62	-0.33	0.49	-0.26	-0.15
Reading	F	23	86.32	0.12	0.02	5.06	3.85	4.64	86.32*	-0.23	-0.26	-0.25	0.45
Reading	F	24	58.02	0.18	0.00	2.91	5.41	58.02*	33.49	-0.21	-0.16	0.27	-0.13
Reading	F	25	56.20	0.14	0.00	3.79	3.59	36.28	56.2*	-0.19	-0.17	-0.23	0.37
Reading	F	26	69.50	0.11	0.02	10.84	9.52	10.01	69.5*	-0.29	-0.28	-0.26	0.55
Reading	F	27	68.16	0.11	0.01	5.63	12.30	68.16*	13.80	-0.24	-0.29	0.47	-0.19
Reading	F	28	57.58	0.19	0.02	7.73	57.58*	22.83	11.65	-0.20	0.25	-0.01	-0.20
Reading	F	29	25.31	0.21	0.00	12.02	41.48	20.98	25.31*	-0.10	0.06	-0.30	0.30
Reading	F	30	73.43	0.21	0.03	16.11	2.48	7.74	73.43*	-0.13	-0.21	-0.26	0.35
Reading	M	1	76.05	0.04	0.02	8.86	10.80	76.05*	4.22	-0.21	-0.24	0.37	-0.12
Reading	M	2	64.47	0.05	0.03	19.20	64.47*	10.84	5.42	-0.24	0.44	-0.24	-0.19
Reading	M	3	85.59	0.08	0.02	85.59*	2.20	5.50	6.61	0.40	-0.20	-0.26	-0.21
Reading	M	4	68.85	0.05	0.01	19.76	9.03	68.85*	2.31	-0.15	-0.28	0.35	-0.14
Reading	M	5	74.73	0.04	0.02	6.33	13.72	74.73*	5.16	-0.22	-0.26	0.42	-0.18
Reading	M	6	55.62	0.07	0.00	55.62*	16.49	11.75	16.07	0.34	-0.12	-0.23	-0.14
Reading	M	7	68.17	0.05	0.02	7.99	15.13	8.64	68.17*	-0.22	-0.28	-0.20	0.47
Reading	M	8	74.21	0.05	0.01	74.21*	13.37	3.71	8.65	0.40	-0.25	-0.17	-0.21
Reading	M	9	78.75	0.05	0.01	11.81	3.83	5.56	78.75*	-0.33	-0.19	-0.26	0.49
Reading	M	10	77.79	0.05	0.02	7.85	9.18	77.79*	5.10	-0.24	-0.29	0.48	-0.21
Reading	M	11	78.81	0.05	0.01	78.81*	2.26	3.83	15.03	0.44	-0.20	-0.22	-0.29
Reading	M	12	47.08	0.15	0.02	16.24	6.64	29.87	47.08*	-0.30	-0.24	-0.24	0.56
Reading	M	13	60.24	0.11	0.02	16.51	60.24*	13.75	9.38	-0.09	0.35	-0.20	-0.24
Reading	M	14	41.48	0.12	0.00	41.48*	21.29	12.85	24.25	0.30	-0.15	-0.22	-0.02
Reading	M	15	69.19	0.09	0.00	16.29	69.19*	9.04	5.39	-0.18	0.41	-0.32	-0.15
Reading	M	16	76.15	0.08	0.00	6.54	76.15*	13.15	4.08	-0.24	0.46	-0.30	-0.18
Reading	M	17	78.85	0.14	0.01	6.76	8.55	78.85*	5.70	-0.18	-0.27	0.41	-0.20
Reading	M	18	87.50	0.13	0.01	3.84	4.25	4.26	87.5*	-0.28	-0.29	-0.30	0.53

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	M	19	65.27	0.15	0.02	17.18	65.27*	7.13	10.25	-0.15	0.40	-0.29	-0.19
Reading	M	20	69.89	0.10	0.02	5.81	69.89*	13.83	10.35	-0.30	0.52	-0.34	-0.16
Reading	M	21	65.17	0.16	0.04	18.95	8.44	7.25	65.17*	0.03	-0.27	-0.27	0.28
Reading	M	22	74.44	0.17	0.02	13.33	74.44*	7.09	4.95	-0.34	0.52	-0.28	-0.17
Reading	M	23	81.87	0.16	0.02	6.57	4.84	6.53	81.87*	-0.26	-0.30	-0.30	0.54
Reading	M	24	59.50	0.29	0.00	5.40	7.30	59.5*	27.51	-0.25	-0.21	0.32	-0.09
Reading	M	25	56.47	0.16	0.02	4.31	5.59	33.45	56.47*	-0.25	-0.25	-0.20	0.41
Reading	M	26	67.25	0.19	0.02	11.57	10.39	10.58	67.25*	-0.30	-0.28	-0.27	0.57
Reading	M	27	65.28	0.14	0.01	7.11	13.53	65.28*	13.93	-0.25	-0.30	0.49	-0.18
Reading	M	28	56.82	0.21	0.01	9.66	56.82*	21.23	12.08	-0.24	0.27	-0.02	-0.16
Reading	M	29	22.75	0.23	0.02	13.75	41.52	21.73	22.75*	-0.13	0.12	-0.29	0.26
Reading	M	30	69.58	0.19	0.01	16.33	4.21	9.68	69.58*	-0.17	-0.25	-0.28	0.44
Language	T	1	93.29	0.01	0.01	2.25	2.79	1.65	93.29*	-0.12	-0.24	-0.15	0.31
Language	T	2	79.28	0.00	0.01	11.99	79.28*	4.54	4.17	-0.25	0.36	-0.16	-0.15
Language	T	3	56.67	0.05	0.02	20.48	56.67*	11.25	11.54	-0.29	0.38	-0.07	-0.16
Language	T	4	76.29	0.07	0.01	2.88	13.22	7.54	76.29*	-0.17	-0.28	-0.24	0.44
Language	T	5	56.81	0.03	0.02	23.69	6.69	12.76	56.81*	-0.26	-0.17	-0.17	0.42
Language	T	6	75.49	0.03	0.00	6.81	8.04	9.62	75.49*	-0.12	-0.19	-0.20	0.33
Language	T	7	45.72	0.04	0.02	15.55	45.72*	19.88	18.79	-0.17	0.41	-0.21	-0.14
Language	T	8	58.80	0.02	0.02	30.35	5.92	4.89	58.8*	-0.09	-0.27	-0.24	0.31
Language	T	9	87.71	0.06	0.01	1.75	1.79	87.71*	8.68	-0.17	-0.16	0.23	-0.11
Language	T	10	93.57	0.06	0.00	1.54	3.19	1.64	93.57*	-0.19	-0.18	-0.14	0.30
Language	T	11	86.33	0.06	0.00	3.36	86.33*	6.10	4.15	-0.20	0.41	-0.26	-0.21
Language	T	12	42.64	0.07	0.03	42.64*	28.15	10.15	18.97	0.32	-0.11	-0.28	-0.06
Language	T	13	75.86	0.05	0.01	14.03	75.86*	5.25	4.80	-0.09	0.26	-0.17	-0.19
Language	T	14	82.93	0.08	0.00	2.80	9.16	5.03	82.93*	-0.21	-0.13	-0.19	0.31
Language	T	15	60.99	0.11	0.01	20.40	13.24	60.99*	5.24	-0.32	-0.14	0.43	-0.13
Language	T	16	80.43	0.06	0.00	80.43*	10.48	3.78	5.24	0.34	-0.23	-0.15	-0.17
Language	T	17	41.51	0.21	0.02	41.51*	37.76	12.67	7.83	0.26	-0.04	-0.24	-0.09
Language	T	18	57.78	0.09	0.01	57.78*	9.89	20.58	11.66	0.43	-0.19	-0.26	-0.16
Language	T	19	82.17	0.05	0.02	82.17*	2.87	2.31	12.58	0.44	-0.21	-0.21	-0.30
Language	T	20	71.28	0.07	0.02	5.93	18.67	4.02	71.28*	-0.31	-0.30	-0.22	0.53
Language	T	21	76.23	0.08	0.02	76.23*	14.19	7.45	2.02	0.34	-0.17	-0.24	-0.17
Language	T	22	91.04	0.08	0.00	4.05	1.69	91.04*	3.13	-0.20	-0.19	0.35	-0.20
Language	T	23	80.42	0.10	0.02	80.42*	1.61	5.77	12.09	0.36	-0.15	-0.22	-0.22
Language	T	24	59.79	0.13	0.01	17.15	59.79*	10.83	12.10	0.03	0.20	-0.11	-0.22
Language	T	25	90.75	0.10	0.02	0.69	4.68	90.75*	3.76	-0.15	-0.16	0.27	-0.16
Language	T	26	70.66	0.13	0.02	4.18	10.20	14.81	70.66*	-0.23	-0.07	-0.19	0.30
Language	T	27	84.29	0.12	0.00	5.25	84.29*	5.14	5.19	-0.25	0.45	-0.27	-0.21

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Language	T	28	76.52	0.09	0.02	17.06	2.25	76.52*	4.06	-0.12	-0.24	0.30	-0.23
Language	T	29	34.20	0.17	0.01	34.2*	20.45	20.11	25.06	0.22	-0.14	-0.09	-0.02
Language	T	30	75.91	0.14	0.02	3.24	4.54	16.15	75.91*	-0.20	-0.20	-0.22	0.37
Language	F	1	94.54	0.02	0.00	1.83	2.30	1.32	94.54*	-0.10	-0.23	-0.14	0.28
Language	F	2	80.31	0.01	0.01	12.43	80.31*	3.72	3.53	-0.25	0.35	-0.14	-0.17
Language	F	3	60.82	0.06	0.02	17.51	60.82*	11.67	9.92	-0.29	0.37	-0.07	-0.16
Language	F	4	79.64	0.06	0.02	2.10	11.74	6.44	79.64*	-0.14	-0.30	-0.23	0.44
Language	F	5	63.31	0.02	0.01	19.65	6.05	10.96	63.31*	-0.28	-0.16	-0.17	0.42
Language	F	6	80.28	0.02	0.01	5.29	6.68	7.72	80.28*	-0.12	-0.19	-0.20	0.32
Language	F	7	49.14	0.01	0.02	14.33	49.14*	18.18	18.33	-0.19	0.44	-0.22	-0.17
Language	F	8	62.99	0.02	0.02	29.55	3.99	3.43	62.99*	-0.11	-0.23	-0.21	0.28
Language	F	9	90.14	0.07	0.00	1.16	1.35	90.14*	7.28	-0.14	-0.14	0.20	-0.11
Language	F	10	95.04	0.05	0.01	0.99	2.77	1.14	95.04*	-0.15	-0.16	-0.11	0.24
Language	F	11	89.43	0.06	0.00	2.70	89.43*	4.81	3.00	-0.18	0.38	-0.26	-0.19
Language	F	12	45.88	0.05	0.02	45.88*	26.35	9.13	18.56	0.33	-0.12	-0.29	-0.07
Language	F	13	77.11	0.02	0.00	13.82	77.11*	4.59	4.46	-0.10	0.26	-0.15	-0.20
Language	F	14	85.11	0.02	0.00	2.16	8.61	4.10	85.11*	-0.19	-0.13	-0.18	0.29
Language	F	15	64.73	0.10	0.01	16.84	13.67	64.73*	4.66	-0.33	-0.16	0.43	-0.14
Language	F	16	82.51	0.04	0.00	82.51*	9.82	3.39	4.24	0.33	-0.23	-0.16	-0.15
Language	F	17	42.17	0.19	0.02	42.17*	38.62	11.81	7.18	0.27	-0.06	-0.24	-0.09
Language	F	18	63.72	0.09	0.01	63.72*	8.59	17.21	10.38	0.43	-0.17	-0.27	-0.19
Language	F	19	85.48	0.03	0.02	85.48*	2.26	1.60	10.61	0.41	-0.18	-0.19	-0.29
Language	F	20	76.70	0.08	0.01	4.11	16.25	2.85	76.7*	-0.30	-0.32	-0.20	0.51
Language	F	21	78.63	0.06	0.02	78.63*	12.88	6.91	1.51	0.32	-0.15	-0.24	-0.14
Language	F	22	93.71	0.04	0.00	2.99	1.05	93.71*	2.22	-0.16	-0.15	0.29	-0.18
Language	F	23	84.11	0.05	0.01	84.11*	1.18	4.25	10.40	0.34	-0.13	-0.21	-0.22
Language	F	24	60.78	0.11	0.01	18.53	60.78*	10.62	9.95	0.01	0.19	-0.10	-0.21
Language	F	25	93.79	0.06	0.02	0.31	3.24	93.79*	2.60	-0.10	-0.12	0.21	-0.14
Language	F	26	74.15	0.10	0.01	2.39	8.65	14.71	74.15*	-0.20	-0.07	-0.19	0.27
Language	F	27	86.64	0.06	0.00	4.23	86.64*	4.22	4.85	-0.23	0.43	-0.26	-0.22
Language	F	28	78.84	0.06	0.01	15.84	1.44	78.84*	3.80	-0.13	-0.21	0.29	-0.24
Language	F	29	36.43	0.08	0.01	36.43*	18.46	19.26	25.77	0.24	-0.15	-0.09	-0.06
Language	F	30	80.87	0.11	0.01	2.44	3.26	13.31	80.87*	-0.17	-0.20	-0.22	0.35
Language	M	1	92.17	0.00	0.02	2.62	3.22	1.97	92.17*	-0.13	-0.25	-0.15	0.32
Language	M	2	78.44	0.00	0.02	11.52	78.44*	5.29	4.74	-0.25	0.37	-0.18	-0.14
Language	M	3	53.04	0.03	0.02	22.95	53.04*	10.87	13.09	-0.27	0.37	-0.07	-0.16
Language	M	4	73.35	0.07	0.01	3.57	14.54	8.47	73.35*	-0.19	-0.26	-0.24	0.44
Language	M	5	50.93	0.05	0.02	27.37	7.17	14.46	50.93*	-0.22	-0.17	-0.16	0.40
Language	M	6	71.17	0.05	0.00	8.20	9.26	11.32	71.17*	-0.10	-0.19	-0.20	0.32
Language	M	7	42.68	0.07	0.02	16.67	42.68*	21.34	19.23	-0.15	0.37	-0.19	-0.12

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Language	M	8	55.08	0.02	0.02	31.00	7.71	6.17	55.08*	-0.07	-0.27	-0.24	0.32
Language	M	9	85.44	0.05	0.02	2.29	2.20	85.44*	9.99	-0.18	-0.17	0.24	-0.11
Language	M	10	92.32	0.08	0.00	2.03	3.47	2.11	92.32*	-0.21	-0.18	-0.16	0.33
Language	M	11	83.65	0.07	0.01	3.94	83.65*	7.14	5.19	-0.20	0.41	-0.25	-0.22
Language	M	12	39.69	0.08	0.03	39.69*	29.86	11.01	19.33	0.30	-0.09	-0.27	-0.05
Language	M	13	74.74	0.07	0.02	14.21	74.74*	5.84	5.12	-0.09	0.27	-0.18	-0.19
Language	M	14	80.97	0.12	0.01	3.35	9.71	5.85	80.97*	-0.23	-0.13	-0.19	0.32
Language	M	15	57.73	0.13	0.01	23.62	12.75	57.73*	5.77	-0.31	-0.13	0.41	-0.13
Language	M	16	78.59	0.08	0.00	78.59*	11.08	4.11	6.14	0.35	-0.23	-0.14	-0.18
Language	M	17	41.02	0.23	0.02	41.02*	36.89	13.41	8.43	0.25	-0.03	-0.23	-0.09
Language	M	18	52.40	0.09	0.01	52.4*	11.05	23.63	12.83	0.40	-0.19	-0.23	-0.13
Language	M	19	79.19	0.08	0.02	79.19*	3.32	2.95	14.44	0.45	-0.22	-0.22	-0.29
Language	M	20	66.46	0.07	0.02	7.57	20.82	5.06	66.46*	-0.31	-0.28	-0.22	0.53
Language	M	21	74.12	0.11	0.02	74.12*	15.36	7.91	2.48	0.35	-0.17	-0.24	-0.18
Language	M	22	88.65	0.11	0.01	5.00	2.25	88.65*	3.98	-0.22	-0.20	0.37	-0.20
Language	M	23	77.13	0.15	0.02	77.13*	1.99	7.05	13.66	0.36	-0.16	-0.22	-0.21
Language	M	24	58.91	0.14	0.02	15.83	58.91*	11.04	14.07	0.02	0.21	-0.11	-0.22
Language	M	25	87.95	0.14	0.02	1.01	6.05	87.95*	4.84	-0.17	-0.17	0.29	-0.16
Language	M	26	67.58	0.16	0.04	5.83	11.62	14.77	67.58*	-0.24	-0.05	-0.20	0.31
Language	M	27	82.31	0.17	0.01	6.12	82.31*	5.94	5.46	-0.25	0.45	-0.27	-0.20
Language	M	28	74.49	0.13	0.03	18.13	2.95	74.49*	4.28	-0.11	-0.26	0.31	-0.23
Language	M	29	32.32	0.25	0.01	32.32*	22.13	20.95	24.35	0.19	-0.13	-0.09	0.01
Language	M	30	71.47	0.17	0.02	3.94	5.70	18.71	71.47*	-0.21	-0.20	-0.19	0.36
Math	T	1	75.80	0.06	0.00	75.8*	9.25	10.17	4.71	0.21	-0.11	-0.09	-0.14
Math	T	2	69.43	0.05	0.01	3.92	7.85	69.43*	18.75	-0.19	-0.18	0.31	-0.14
Math	T	4	71.15	0.12	0.01	9.41	8.18	11.13	71.15*	-0.26	-0.25	-0.18	0.45
Math	T	5	66.80	0.07	0.01	66.8*	16.46	11.38	5.28	0.15	-0.01	-0.11	-0.15
Math	T	6	41.32	0.11	0.02	19.40	41.32*	25.66	13.49	-0.09	0.26	-0.07	-0.19
Math	T	7	51.11	0.14	0.01	28.79	9.55	51.11*	10.40	-0.24	-0.21	0.44	-0.16
Math	T	8	35.81	0.07	0.02	3.73	27.82	32.54	35.81*	-0.05	-0.49	-0.02	0.50
Math	T	9	51.17	0.11	0.01	19.54	11.55	51.17*	17.62	-0.12	-0.23	0.47	-0.30
Math	T	10	74.91	0.04	0.00	4.25	74.91*	4.89	15.91	-0.17	0.35	-0.24	-0.18
Math	T	11	82.94	0.06	0.00	3.23	10.32	82.94*	3.45	-0.20	-0.25	0.40	-0.20
Math	T	12	67.94	0.16	0.01	11.44	9.96	67.94*	10.50	-0.21	-0.21	0.44	-0.25
Math	T	13	38.53	0.10	0.02	21.20	34.53	5.63	38.53*	-0.45	-0.10	-0.16	0.55
Math	T	14	72.74	0.05	0.02	5.98	72.74*	17.89	3.33	-0.25	0.51	-0.35	-0.18
Math	T	15	71.47	0.05	0.03	71.47*	9.58	13.20	5.67	0.45	-0.27	-0.29	-0.11
Math	T	16	80.16	0.07	0.01	80.16*	8.18	7.71	3.87	0.45	-0.22	-0.29	-0.22
Math	T	17	79.74	0.10	0.02	79.74*	4.23	4.04	11.88	0.41	-0.27	-0.25	-0.18
Math	T	18	73.31	0.10	0.01	12.84	3.67	10.08	73.31*	-0.22	-0.22	-0.20	0.40

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Math	T	19	57.62	0.16	0.02	23.85	12.98	57.62*	5.37	-0.34	-0.26	0.53	-0.11
Math	T	20	77.59	0.13	0.02	77.59*	11.72	6.71	3.82	0.44	-0.25	-0.23	-0.21
Math	T	21	83.53	0.10	0.01	9.23	83.53*	5.49	1.64	-0.26	0.40	-0.22	-0.15
Math	T	22	67.91	0.09	0.03	14.76	10.17	67.91*	7.03	-0.20	-0.24	0.38	-0.13
Math	T	23	37.44	0.21	0.04	37.44*	40.10	15.97	6.24	0.31	-0.20	-0.05	-0.15
Math	T	24	56.20	0.11	0.02	1.47	2.92	56.2*	39.28	-0.17	-0.11	0.41	-0.33
Math	T	25	82.14	0.10	0.02	3.00	11.69	82.14*	3.06	-0.27	-0.37	0.50	-0.15
Math	T	26	84.39	0.13	0.01	3.00	5.81	6.68	84.39*	-0.22	-0.30	-0.24	0.47
Math	T	27	67.77	0.19	0.03	14.35	67.77*	7.80	9.85	-0.26	0.46	-0.20	-0.22
Math	T	28	82.17	0.11	0.03	7.77	82.17*	4.17	5.76	-0.24	0.42	-0.25	-0.20
Math	T	29	78.10	0.11	0.02	3.38	78.1*	14.08	4.31	-0.21	0.52	-0.41	-0.15
Math	T	30	66.84	0.15	0.03	10.94	15.98	66.84*	6.07	-0.11	-0.29	0.35	-0.10
Math	F	1	73.99	0.06	0.00	73.99*	9.63	10.57	5.75	0.21	-0.09	-0.09	-0.16
Math	F	2	69.46	0.04	0.00	3.55	7.35	69.46*	19.61	-0.15	-0.17	0.28	-0.14
Math	F	4	72.97	0.11	0.02	8.30	7.56	11.05	72.97*	-0.27	-0.25	-0.18	0.44
Math	F	5	68.88	0.09	0.00	68.88*	15.29	10.19	5.56	0.12	0.01	-0.09	-0.14
Math	F	6	41.69	0.11	0.02	21.65	41.69*	23.90	12.63	-0.05	0.24	-0.08	-0.19
Math	F	7	48.56	0.14	0.00	31.48	8.58	48.56*	11.25	-0.26	-0.19	0.44	-0.15
Math	F	8	31.44	0.09	0.00	3.46	30.22	34.80	31.44*	-0.01	-0.49	0.02	0.47
Math	F	9	51.83	0.07	0.01	20.71	10.98	51.83*	16.40	-0.13	-0.23	0.48	-0.31
Math	F	10	73.45	0.05	0.00	4.24	73.45*	4.38	17.88	-0.14	0.33	-0.23	-0.18
Math	F	11	80.48	0.05	0.00	3.62	12.03	80.48*	3.83	-0.19	-0.24	0.39	-0.20
Math	F	12	68.21	0.16	0.02	11.50	9.38	68.21*	10.73	-0.22	-0.19	0.42	-0.23
Math	F	13	32.74	0.10	0.03	23.50	38.04	5.59	32.74*	-0.46	-0.06	-0.11	0.53
Math	F	14	69.01	0.05	0.03	5.98	69.01*	21.20	3.72	-0.24	0.50	-0.35	-0.18
Math	F	15	73.08	0.04	0.02	73.08*	9.14	12.12	5.59	0.43	-0.26	-0.29	-0.10
Math	F	16	79.97	0.05	0.02	79.97*	8.44	8.14	3.39	0.45	-0.21	-0.31	-0.20
Math	F	17	79.19	0.09	0.02	79.19*	3.71	4.19	12.81	0.39	-0.25	-0.25	-0.18
Math	F	18	75.78	0.09	0.00	11.87	2.72	9.53	75.78*	-0.23	-0.19	-0.19	0.38
Math	F	19	56.44	0.15	0.02	25.57	13.15	56.44*	4.67	-0.36	-0.25	0.54	-0.10
Math	F	20	77.60	0.12	0.01	77.6*	12.20	6.59	3.48	0.40	-0.24	-0.22	-0.19
Math	F	21	83.86	0.09	0.02	9.28	83.86*	5.39	1.36	-0.26	0.38	-0.21	-0.13
Math	F	22	68.41	0.09	0.02	13.65	10.55	68.41*	7.28	-0.18	-0.24	0.36	-0.12
Math	F	23	35.13	0.23	0.04	35.13*	42.68	15.80	6.13	0.28	-0.18	-0.02	-0.13
Math	F	24	57.86	0.09	0.02	1.17	2.16	57.86*	38.71	-0.15	-0.07	0.39	-0.33
Math	F	25	83.70	0.12	0.02	2.51	10.72	83.7*	2.93	-0.26	-0.36	0.48	-0.14
Math	F	26	83.87	0.12	0.00	3.39	5.93	6.68	83.87*	-0.22	-0.30	-0.23	0.47
Math	F	27	66.03	0.20	0.02	15.82	66.03*	7.41	10.52	-0.26	0.46	-0.20	-0.23
Math	F	28	83.73	0.08	0.04	7.68	83.73*	3.40	5.07	-0.23	0.39	-0.23	-0.18
Math	F	29	76.74	0.13	0.02	3.53	76.74*	15.29	4.28	-0.22	0.52	-0.41	-0.15

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Math	F	30	63.96	0.14	0.01	12.56	17.00	63.96*	6.33	-0.09	-0.29	0.33	-0.06
Math	M	1	77.64	0.05	0.01	77.64*	8.87	9.77	3.65	0.21	-0.13	-0.09	-0.13
Math	M	2	69.50	0.04	0.02	4.26	8.38	69.5*	17.80	-0.22	-0.19	0.33	-0.14
Math	M	4	69.45	0.14	0.01	10.47	8.78	11.15	69.45*	-0.26	-0.26	-0.19	0.46
Math	M	5	64.86	0.06	0.02	64.86*	17.60	12.46	5.00	0.17	-0.02	-0.11	-0.16
Math	M	6	40.93	0.12	0.01	17.20	40.93*	27.49	14.26	-0.13	0.29	-0.06	-0.18
Math	M	7	53.83	0.13	0.02	26.06	10.41	53.83*	9.55	-0.23	-0.23	0.44	-0.18
Math	M	8	40.34	0.06	0.05	3.92	25.24	30.39	40.34*	-0.09	-0.50	-0.05	0.53
Math	M	9	50.66	0.16	0.01	18.31	12.09	50.66*	18.78	-0.11	-0.23	0.47	-0.30
Math	M	10	76.50	0.03	0.00	4.21	76.5*	5.31	13.95	-0.19	0.37	-0.25	-0.18
Math	M	11	85.44	0.07	0.01	2.81	8.58	85.44*	3.09	-0.22	-0.26	0.41	-0.20
Math	M	12	67.80	0.16	0.01	11.31	10.54	67.8*	10.19	-0.21	-0.23	0.46	-0.27
Math	M	13	44.44	0.09	0.01	18.69	31.12	5.65	44.44*	-0.44	-0.14	-0.20	0.57
Math	M	14	76.74	0.04	0.01	5.93	76.74*	14.37	2.91	-0.26	0.52	-0.37	-0.19
Math	M	15	70.10	0.07	0.02	70.1*	9.94	14.12	5.75	0.46	-0.28	-0.29	-0.13
Math	M	16	80.65	0.09	0.01	80.65*	7.85	7.12	4.29	0.46	-0.23	-0.27	-0.24
Math	M	17	80.51	0.10	0.02	80.51*	4.68	3.81	10.88	0.43	-0.29	-0.26	-0.19
Math	M	18	70.97	0.09	0.02	13.79	4.56	10.57	70.97*	-0.22	-0.25	-0.21	0.43
Math	M	19	59.08	0.15	0.01	22.01	12.77	59.08*	5.97	-0.33	-0.27	0.52	-0.11
Math	M	20	77.77	0.14	0.04	77.77*	11.18	6.74	4.13	0.47	-0.27	-0.25	-0.24
Math	M	21	83.38	0.10	0.01	9.10	83.38*	5.53	1.88	-0.26	0.41	-0.23	-0.16
Math	M	22	67.64	0.09	0.04	15.75	9.78	67.64*	6.69	-0.23	-0.24	0.41	-0.14
Math	M	23	39.91	0.19	0.04	39.91*	37.51	16.09	6.26	0.34	-0.21	-0.07	-0.17
Math	M	24	54.84	0.12	0.02	1.72	3.62	54.84*	39.67	-0.18	-0.14	0.42	-0.32
Math	M	25	80.82	0.06	0.02	3.46	12.49	80.82*	3.16	-0.29	-0.38	0.52	-0.15
Math	M	26	84.99	0.12	0.02	2.55	5.66	6.66	84.99*	-0.22	-0.30	-0.25	0.47
Math	M	27	69.65	0.17	0.05	12.86	69.65*	8.14	9.13	-0.27	0.46	-0.21	-0.22
Math	M	28	80.78	0.13	0.02	7.81	80.78*	4.89	6.38	-0.25	0.45	-0.26	-0.21
Math	M	29	79.69	0.08	0.02	3.18	79.69*	12.73	4.30	-0.20	0.51	-0.41	-0.16
Math	M	30	69.82	0.15	0.05	9.24	14.85	69.82*	5.89	-0.12	-0.29	0.38	-0.15
Science	T	1	60.32	0.05	0.00	60.32*	9.12	22.43	8.07	0.34	-0.21	-0.14	-0.18
Science	T	2	59.38	0.10	0.01	8.74	59.38*	15.21	16.56	-0.13	0.30	-0.16	-0.13
Science	T	3	93.77	0.03	0.03	93.77*	1.68	2.92	1.57	0.30	-0.18	-0.19	-0.13
Science	T	4	84.29	0.07	0.01	3.26	4.29	84.29*	8.09	-0.18	-0.22	0.31	-0.14
Science	T	5	75.04	0.05	0.01	7.14	75.04*	8.63	9.12	-0.21	0.42	-0.19	-0.25
Science	T	6	77.71	0.04	0.01	9.16	77.71*	9.36	3.72	-0.13	0.33	-0.22	-0.19
Science	T	7	73.11	0.03	0.01	73.11*	10.16	11.66	5.03	0.36	-0.21	-0.18	-0.17
Science	T	9	51.42	0.12	0.01	10.16	28.06	10.23	51.42*	-0.27	-0.12	-0.11	0.35
Science	T	10	75.06	0.04	0.01	75.06*	7.68	7.24	9.98	0.39	-0.20	-0.19	-0.23
Science	T	11	45.42	0.07	0.03	10.86	34.97	45.42*	8.66	-0.15	-0.14	0.35	-0.22

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Science	T	12	60.80	0.08	0.00	8.51	60.8*	18.54	12.06	-0.16	0.37	-0.22	-0.16
Science	T	13	70.66	0.05	0.02	6.12	5.60	70.66*	17.55	-0.14	-0.18	0.30	-0.16
Science	T	14	52.63	0.37	0.00	7.82	52.63*	26.84	12.34	-0.12	0.29	-0.18	-0.09
Science	T	15	65.35	0.10	0.03	65.35*	15.04	15.47	4.00	0.23	0.02	-0.24	-0.17
Science	T	16	87.75	0.08	0.03	87.75*	3.91	3.97	4.27	0.31	-0.19	-0.19	-0.12
Science	T	17	38.80	0.10	0.02	11.37	9.75	39.95	38.8*	-0.11	-0.22	-0.08	0.29
Science	T	18	42.65	0.10	0.02	34.02	7.16	16.05	42.65*	0.01	-0.18	-0.17	0.22
Science	T	19	54.84	0.15	0.01	12.27	26.54	6.18	54.84*	-0.12	-0.07	-0.16	0.22
Science	T	20	49.82	0.13	0.04	35.48	6.09	49.82*	8.44	-0.14	-0.17	0.30	-0.16
Science	T	21	73.36	0.12	0.03	4.62	4.17	17.70	73.36*	-0.07	-0.13	-0.10	0.19
Science	T	22	42.60	0.17	0.00	8.13	31.68	17.42	42.6*	-0.12	-0.19	-0.19	0.39
Science	T	23	79.87	0.14	0.00	6.28	79.87*	9.10	4.61	-0.19	0.36	-0.21	-0.18
Science	T	24	59.01	0.13	0.01	12.69	59.01*	16.31	11.85	-0.15	0.35	-0.17	-0.18
Science	T	25	71.75	0.21	0.02	10.48	4.93	12.61	71.75*	-0.17	-0.21	-0.26	0.42
Science	T	26	33.24	0.21	0.03	22.40	15.39	28.72	33.24*	-0.09	-0.20	-0.06	0.29
Science	T	27	63.09	0.11	0.01	11.20	10.90	14.69	63.09*	-0.34	-0.20	-0.08	0.41
Science	T	28	49.21	0.20	0.01	10.74	49.21*	15.56	24.27	-0.18	0.28	-0.19	-0.03
Science	T	29	63.52	0.21	0.01	11.63	13.13	63.52*	11.49	-0.19	-0.16	0.39	-0.22
Science	T	30	77.73	0.22	0.01	16.54	3.48	77.73*	2.01	-0.16	-0.16	0.27	-0.14
Science	F	1	58.12	0.08	0.01	58.12*	9.97	23.03	8.79	0.34	-0.19	-0.13	-0.19
Science	F	2	58.67	0.14	0.01	9.07	58.67*	15.03	17.08	-0.10	0.29	-0.16	-0.14
Science	F	3	94.47	0.02	0.02	94.47*	1.29	2.73	1.48	0.24	-0.14	-0.16	-0.11
Science	F	4	84.73	0.08	0.01	3.01	4.16	84.73*	8.02	-0.17	-0.21	0.29	-0.13
Science	F	5	74.69	0.05	0.00	6.94	74.69*	8.51	9.82	-0.20	0.40	-0.18	-0.25
Science	F	6	79.36	0.04	0.01	8.52	79.36*	8.67	3.40	-0.13	0.32	-0.21	-0.19
Science	F	7	71.94	0.02	0.02	71.94*	11.03	11.83	5.16	0.34	-0.19	-0.16	-0.17
Science	F	9	51.32	0.13	0.02	10.23	28.65	9.65	51.32*	-0.27	-0.12	-0.08	0.32
Science	F	10	71.83	0.04	0.01	71.83*	8.37	7.34	12.42	0.36	-0.18	-0.14	-0.22
Science	F	11	37.46	0.06	0.02	11.90	40.67	37.46*	9.89	-0.12	-0.08	0.29	-0.20
Science	F	12	61.30	0.06	0.00	7.39	61.3*	19.05	12.20	-0.16	0.36	-0.21	-0.16
Science	F	13	68.13	0.04	0.03	6.14	5.93	68.13*	19.73	-0.12	-0.16	0.28	-0.16
Science	F	14	51.88	0.38	0.00	8.24	51.88*	27.58	11.92	-0.10	0.24	-0.15	-0.07
Science	F	15	59.38	0.08	0.02	59.38*	15.83	20.25	4.45	0.18	0.09	-0.22	-0.15
Science	F	16	87.73	0.05	0.01	87.73*	3.95	3.74	4.52	0.26	-0.16	-0.15	-0.11
Science	F	17	33.68	0.07	0.03	12.71	11.23	42.29	33.68*	-0.10	-0.21	-0.06	0.27
Science	F	18	41.13	0.08	0.03	34.37	6.40	18.00	41.13*	0.04	-0.16	-0.16	0.17
Science	F	19	52.31	0.12	0.01	13.05	27.60	6.91	52.31*	-0.12	-0.03	-0.13	0.18
Science	F	20	45.12	0.10	0.03	39.27	6.04	45.12*	9.44	-0.12	-0.15	0.28	-0.14
Science	F	21	75.24	0.09	0.03	4.22	3.54	16.88	75.24*	-0.04	-0.11	-0.10	0.16
Science	F	22	43.66	0.10	0.00	7.64	31.29	17.31	43.66*	-0.09	-0.19	-0.18	0.37

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Science	F	23	82.71	0.10	0.01	5.36	82.71*	7.73	4.10	-0.17	0.32	-0.19	-0.16
Science	F	24	59.65	0.11	0.02	11.47	59.65*	16.80	11.96	-0.15	0.34	-0.16	-0.19
Science	F	25	70.22	0.17	0.01	11.80	4.31	13.50	70.22*	-0.13	-0.17	-0.24	0.35
Science	F	26	33.30	0.16	0.02	23.40	13.99	29.13	33.3*	-0.09	-0.20	-0.03	0.26
Science	F	27	61.40	0.09	0.03	11.87	12.27	14.34	61.4*	-0.34	-0.16	-0.05	0.38
Science	F	28	46.63	0.16	0.02	10.69	46.63*	15.93	26.57	-0.17	0.25	-0.18	-0.01
Science	F	29	60.96	0.23	0.00	11.51	14.20	60.96*	13.10	-0.19	-0.12	0.35	-0.21
Science	F	30	78.27	0.23	0.01	17.05	2.76	78.27*	1.68	-0.15	-0.13	0.23	-0.12
Science	M	1	62.72	0.02	0.00	62.72*	8.29	21.74	7.22	0.34	-0.23	-0.15	-0.16
Science	M	2	60.20	0.05	0.01	8.43	60.2*	15.34	15.97	-0.16	0.31	-0.17	-0.12
Science	M	3	93.14	0.04	0.04	93.14*	2.06	3.09	1.64	0.35	-0.21	-0.22	-0.16
Science	M	4	83.91	0.05	0.02	3.48	4.40	83.91*	8.14	-0.19	-0.23	0.34	-0.15
Science	M	5	75.62	0.05	0.03	7.37	75.62*	8.65	8.28	-0.23	0.44	-0.20	-0.25
Science	M	6	76.16	0.05	0.01	9.78	76.16*	10.02	3.98	-0.14	0.35	-0.23	-0.20
Science	M	7	74.53	0.04	0.02	74.53*	9.18	11.37	4.86	0.38	-0.23	-0.19	-0.18
Science	M	9	51.76	0.11	0.00	9.98	27.40	10.76	51.76*	-0.27	-0.13	-0.15	0.37
Science	M	10	78.44	0.04	0.02	78.44*	6.93	7.15	7.44	0.42	-0.22	-0.23	-0.23
Science	M	11	53.58	0.08	0.03	9.74	29.24	53.58*	7.34	-0.18	-0.18	0.39	-0.23
Science	M	12	60.44	0.11	0.01	9.57	60.44*	17.96	11.91	-0.16	0.38	-0.22	-0.16
Science	M	13	73.35	0.06	0.02	6.12	5.13	73.35*	15.33	-0.17	-0.20	0.33	-0.17
Science	M	14	53.45	0.37	0.01	7.35	53.45*	26.05	12.77	-0.14	0.33	-0.20	-0.11
Science	M	15	71.34	0.12	0.05	71.34*	14.31	10.66	3.52	0.27	-0.04	-0.25	-0.18
Science	M	16	87.86	0.11	0.05	87.86*	3.85	4.12	4.01	0.35	-0.21	-0.23	-0.14
Science	M	17	43.98	0.12	0.02	9.99	8.22	37.68	43.98*	-0.13	-0.23	-0.09	0.29
Science	M	18	44.17	0.13	0.01	33.78	7.89	14.03	44.17*	-0.01	-0.21	-0.19	0.26
Science	M	19	57.45	0.18	0.02	11.43	25.52	5.41	57.45*	-0.11	-0.10	-0.18	0.25
Science	M	20	54.66	0.16	0.05	31.75	6.10	54.66*	7.28	-0.15	-0.19	0.32	-0.16
Science	M	21	71.52	0.15	0.02	4.99	4.77	18.55	71.52*	-0.10	-0.16	-0.11	0.22
Science	M	22	41.59	0.23	0.01	8.65	31.99	17.53	41.59*	-0.14	-0.18	-0.21	0.42
Science	M	23	77.24	0.18	0.00	7.12	77.24*	10.36	5.10	-0.21	0.41	-0.23	-0.20
Science	M	24	58.39	0.14	0.02	13.90	58.39*	15.81	11.74	-0.16	0.37	-0.18	-0.17
Science	M	25	73.50	0.24	0.04	9.10	5.47	11.66	73.5*	-0.21	-0.24	-0.28	0.48
Science	M	26	33.34	0.27	0.03	21.42	16.74	28.20	33.34*	-0.08	-0.21	-0.07	0.31
Science	M	27	65.04	0.12	0.00	10.38	9.44	15.02	65.04*	-0.33	-0.22	-0.10	0.43
Science	M	28	51.93	0.24	0.02	10.68	51.93*	15.22	21.92	-0.19	0.31	-0.20	-0.05
Science	M	29	66.40	0.20	0.03	11.74	11.91	66.4*	9.72	-0.19	-0.20	0.42	-0.24
Science	M	30	77.21	0.21	0.02	16.02	4.22	77.21*	2.32	-0.17	-0.18	0.30	-0.17
Social	T	1	66.99	0.11	0.01	66.99*	18.22	12.16	2.51	0.16	-0.08	-0.08	-0.09
Social	T	2	85.74	0.07	0.01	3.08	5.03	85.74*	6.07	-0.16	-0.17	0.29	-0.16
Social	T	3	59.68	0.07	0.02	18.10	13.94	8.20	59.68*	-0.02	-0.13	-0.18	0.20

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Social	T	4	47.07	0.07	0.03	47.07*	24.78	16.82	11.22	0.31	-0.16	-0.11	-0.13
Social	T	5	42.84	0.06	0.01	21.41	42.84*	31.90	3.79	-0.13	0.25	-0.07	-0.18
Social	T	6	58.20	0.09	0.01	20.58	58.2*	13.78	7.34	-0.15	0.35	-0.19	-0.19
Social	T	8	89.83	0.05	0.03	89.83*	3.48	4.19	2.42	0.34	-0.20	-0.20	-0.16
Social	T	9	44.21	0.07	0.04	44.21*	39.09	11.59	4.99	0.27	-0.07	-0.21	-0.14
Social	T	10	70.12	0.22	0.01	10.26	12.43	70.12*	6.96	-0.16	-0.18	0.35	-0.19
Social	T	11	75.26	0.13	0.02	4.87	75.26*	10.84	8.88	-0.18	0.40	-0.20	-0.24
Social	T	12	63.08	0.13	0.01	7.26	10.42	19.10	63.08*	-0.19	-0.26	-0.19	0.43
Social	T	13	41.65	0.13	0.02	18.03	24.53	41.65*	15.64	-0.06	-0.13	0.26	-0.13
Social	T	14	42.72	0.25	0.03	22.50	13.68	20.81	42.72*	-0.06	-0.09	-0.16	0.24
Social	T	15	42.76	0.15	0.02	20.56	18.19	42.76*	18.32	-0.06	-0.13	0.22	-0.09
Social	T	16	86.14	0.11	0.03	5.85	86.14*	3.42	4.45	-0.22	0.32	-0.17	-0.13
Social	T	18	53.18	0.18	0.00	53.18*	11.52	27.68	7.43	0.30	-0.18	-0.13	-0.13
Social	T	19	43.69	0.18	0.01	20.58	27.56	43.69*	7.98	-0.01	-0.02	0.12	-0.16
Social	T	20	68.41	0.16	0.02	7.77	12.69	10.96	68.41*	-0.21	-0.23	-0.17	0.40
Social	T	22	39.01	0.16	0.01	11.64	23.88	39.01*	25.30	-0.24	-0.17	0.27	0.05
Social	T	23	67.63	0.13	0.01	16.83	8.87	67.63*	6.54	-0.14	-0.27	0.36	-0.15
Social	T	24	67.95	0.17	0.03	7.29	67.95*	6.22	18.34	-0.22	0.36	-0.25	-0.12
Social	T	26	61.97	0.21	0.04	11.31	11.49	14.99	61.97*	-0.25	-0.21	-0.18	0.44
Social	T	27	76.07	0.16	0.03	76.07*	11.94	6.40	5.39	0.30	-0.15	-0.15	-0.18
Social	T	28	38.62	0.14	0.04	8.12	20.71	32.38	38.62*	-0.20	-0.19	-0.03	0.31
Social	T	29	44.89	0.14	0.01	22.19	44.89*	22.50	10.27	-0.18	0.26	-0.08	-0.05
Social	T	30	57.32	0.12	0.02	17.55	57.32*	11.89	13.10	-0.11	0.37	-0.22	-0.21
Social	F	1	66.11	0.13	0.01	66.11*	18.50	12.75	2.50	0.13	-0.06	-0.07	-0.10
Social	F	2	88.07	0.06	0.02	2.56	4.30	88.07*	4.99	-0.14	-0.16	0.27	-0.14
Social	F	3	60.54	0.07	0.02	16.48	14.00	8.88	60.54*	-0.03	-0.12	-0.16	0.20
Social	F	4	45.69	0.08	0.01	45.69*	25.66	17.65	10.91	0.29	-0.16	-0.10	-0.12
Social	F	5	41.24	0.05	0.00	22.44	41.24*	32.16	4.11	-0.12	0.22	-0.06	-0.16
Social	F	6	52.85	0.08	0.01	22.54	52.85*	16.45	8.07	-0.13	0.34	-0.18	-0.19
Social	F	8	91.06	0.04	0.05	91.06*	2.85	3.79	2.21	0.29	-0.17	-0.17	-0.14
Social	F	9	38.97	0.06	0.03	38.97*	41.58	13.93	5.43	0.23	-0.04	-0.18	-0.12
Social	F	10	69.22	0.20	0.00	11.24	12.23	69.22*	7.11	-0.14	-0.16	0.31	-0.17
Social	F	11	77.83	0.09	0.02	3.65	77.83*	9.13	9.29	-0.15	0.36	-0.17	-0.24
Social	F	12	62.09	0.12	0.02	6.05	10.92	20.81	62.09*	-0.15	-0.25	-0.17	0.38
Social	F	13	40.09	0.11	0.02	18.86	25.59	40.09*	15.33	-0.04	-0.15	0.26	-0.12
Social	F	14	43.61	0.29	0.02	21.90	13.04	21.14	43.61*	-0.06	-0.06	-0.14	0.20
Social	F	15	41.32	0.12	0.02	21.25	18.81	41.32*	18.48	-0.05	-0.13	0.22	-0.10
Social	F	16	86.97	0.09	0.02	5.83	86.97*	2.83	4.25	-0.20	0.27	-0.12	-0.11
Social	F	18	53.35	0.16	0.00	53.35*	11.79	27.35	7.36	0.31	-0.15	-0.15	-0.13
Social	F	19	44.10	0.17	0.00	19.12	29.71	44.1*	6.90	-0.01	0.01	0.08	-0.16

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Social	F	20	67.87	0.17	0.01	7.44	13.55	10.96	67.87*	-0.18	-0.21	-0.16	0.37
Social	F	22	34.59	0.14	0.01	11.86	26.35	34.59*	27.05	-0.24	-0.16	0.26	0.06
Social	F	23	68.39	0.15	0.01	16.88	8.80	68.39*	5.78	-0.12	-0.26	0.33	-0.13
Social	F	24	65.91	0.16	0.00	7.29	65.91*	6.12	20.52	-0.20	0.34	-0.22	-0.14
Social	F	26	60.53	0.16	0.04	11.75	12.15	15.37	60.53*	-0.24	-0.20	-0.17	0.42
Social	F	27	73.80	0.16	0.03	73.8*	13.27	6.78	5.96	0.24	-0.12	-0.11	-0.16
Social	F	28	34.88	0.13	0.04	8.62	22.97	33.36	34.88*	-0.18	-0.17	-0.03	0.30
Social	F	29	39.34	0.13	0.01	24.44	39.34*	25.84	10.24	-0.19	0.23	-0.05	-0.02
Social	F	30	55.06	0.10	0.01	18.78	55.06*	11.78	14.27	-0.08	0.34	-0.20	-0.21
Social	M	1	67.93	0.09	0.02	67.93*	17.97	11.56	2.44	0.18	-0.10	-0.09	-0.08
Social	M	2	83.53	0.09	0.01	3.54	5.73	83.53*	7.10	-0.17	-0.18	0.32	-0.17
Social	M	3	58.82	0.06	0.02	19.72	13.84	7.55	58.82*	-0.02	-0.13	-0.19	0.21
Social	M	4	48.57	0.06	0.05	48.57*	23.89	15.89	11.55	0.31	-0.16	-0.12	-0.14
Social	M	5	44.50	0.07	0.01	20.41	44.5*	31.54	3.48	-0.14	0.27	-0.09	-0.20
Social	M	6	63.64	0.10	0.02	18.59	63.64*	11.08	6.58	-0.16	0.36	-0.20	-0.19
Social	M	8	88.72	0.06	0.02	88.72*	4.09	4.53	2.58	0.39	-0.24	-0.22	-0.17
Social	M	9	49.49	0.07	0.06	49.49*	36.62	9.23	4.54	0.31	-0.10	-0.23	-0.16
Social	M	10	71.17	0.23	0.02	9.22	12.61	71.17*	6.75	-0.18	-0.21	0.38	-0.20
Social	M	11	72.79	0.16	0.03	6.09	72.79*	12.55	8.38	-0.22	0.44	-0.22	-0.24
Social	M	12	64.12	0.14	0.01	8.53	9.82	17.39	64.12*	-0.23	-0.27	-0.21	0.47
Social	M	13	43.30	0.14	0.03	17.12	23.54	43.3*	15.87	-0.08	-0.12	0.26	-0.13
Social	M	14	41.87	0.21	0.05	22.95	14.33	20.60	41.87*	-0.06	-0.12	-0.17	0.28
Social	M	15	44.24	0.17	0.02	19.77	17.65	44.24*	18.15	-0.07	-0.14	0.23	-0.08
Social	M	16	85.31	0.14	0.03	5.84	85.31*	4.02	4.66	-0.24	0.37	-0.21	-0.15
Social	M	18	53.09	0.20	0.01	53.09*	11.18	28.02	7.50	0.29	-0.20	-0.10	-0.13
Social	M	19	43.23	0.18	0.02	22.11	25.40	43.23*	9.07	-0.01	-0.05	0.15	-0.17
Social	M	20	69.09	0.14	0.03	8.07	11.77	10.90	69.09*	-0.23	-0.24	-0.18	0.43
Social	M	22	43.63	0.17	0.01	11.39	21.30	43.63*	23.50	-0.24	-0.18	0.26	0.05
Social	M	23	67.02	0.11	0.01	16.80	8.80	67.02*	7.26	-0.16	-0.28	0.40	-0.18
Social	M	24	70.05	0.17	0.04	7.25	70.05*	6.28	16.21	-0.25	0.37	-0.27	-0.10
Social	M	26	63.51	0.25	0.04	10.84	10.76	14.60	63.51*	-0.26	-0.22	-0.19	0.45
Social	M	27	78.36	0.16	0.03	78.36*	10.58	6.04	4.83	0.34	-0.17	-0.18	-0.20
Social	M	28	42.42	0.14	0.04	7.60	18.40	31.39	42.42*	-0.21	-0.20	-0.04	0.31
Social	M	29	50.55	0.14	0.02	19.86	50.55*	19.13	10.29	-0.17	0.28	-0.12	-0.08
Social	M	30	59.83	0.14	0.03	16.28	59.83*	11.86	11.86	-0.13	0.40	-0.24	-0.21

APPENDIX C

Classical Item Statistics for All Multiple-Choice Items: Spanish

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	T	1	60.44	0.00	0.00	17.56	12.44	60.44*	9.56	-0.12	-0.29	0.32	-0.06
Reading	T	2	32.89	0.00	0.00	38.89	32.89*	21.56	6.67	-0.13	0.18	-0.01	-0.06
Reading	T	3	65.11	0.00	0.00	65.11*	2.89	14.00	18.00	0.19	-0.12	-0.05	-0.14
Reading	T	4	87.78	0.00	0.00	5.33	87.78*	2.89	4.00	-0.18	0.20	-0.12	-0.01
Reading	T	5	17.78	0.44	0.00	59.33	5.33	17.78*	17.11	-0.01	-0.01	0.10	-0.07
Reading	T	6	45.33	0.00	0.00	11.33	45.33*	4.44	38.89	-0.13	0.06	-0.18	0.11
Reading	T	7	32.89	0.00	0.22	32.89*	13.33	36.00	17.56	0.04	-0.12	0.10	-0.07
Reading	T	8	60.00	0.44	0.00	21.11	60*	10.00	8.44	0.02	0.16	-0.14	-0.14
Reading	T	9	68.22	0.22	0.00	68.22*	6.44	17.11	8.00	0.26	-0.12	-0.19	-0.07
Reading	T	10	65.33	0.00	0.00	23.11	5.56	65.33*	6.00	-0.16	-0.14	0.23	-0.04
Reading	T	11	65.56	0.22	0.00	65.56*	4.67	10.67	18.89	0.26	-0.08	-0.22	-0.08
Reading	T	12	40.22	0.00	0.00	3.33	48.67	40.22*	7.78	-0.17	-0.01	0.14	-0.13
Reading	T	13	85.33	0.00	0.00	6.89	1.33	85.33*	6.44	-0.22	-0.10	0.30	-0.16
Reading	T	15	59.78	0.00	0.00	28.22	6.89	59.78*	5.11	-0.21	-0.15	0.33	-0.13
Reading	T	16	63.56	0.00	0.00	63.56*	24.67	8.22	3.56	0.26	-0.06	-0.25	-0.16
Reading	T	17	78.67	0.00	0.00	11.33	3.78	6.22	78.67*	-0.16	-0.21	-0.22	0.34
Reading	T	18	56.44	0.00	0.00	56.44*	8.44	12.67	22.44	0.28	-0.12	-0.28	-0.02
Reading	T	19	24.44	0.00	0.00	24.44*	19.78	42.44	13.33	0.07	0.03	0.01	-0.13
Reading	T	20	30.00	0.00	0.00	30*	25.11	19.56	25.33	-0.12	0.06	-0.13	0.19
Reading	T	21	60.67	0.00	0.00	60.67*	24.44	11.11	3.78	0.28	-0.19	-0.12	-0.10
Reading	T	24	28.44	0.22	0.00	26.89	28.44*	22.22	22.22	0.10	0.09	-0.12	-0.07
Reading	T	25	81.56	0.00	0.00	7.56	4.00	81.56*	6.89	-0.14	-0.16	0.30	-0.18
Reading	T	26	47.78	0.00	0.00	26.89	47.78*	14.89	10.44	-0.07	0.07	0.00	-0.02
Reading	T	27	60.89	0.00	0.00	17.33	60.89*	17.56	4.22	0.00	0.13	-0.08	-0.15
Reading	T	28	57.11	0.44	0.00	5.11	57.11*	27.56	9.78	-0.22	0.05	0.03	0.02
Reading	T	29	33.56	0.44	0.00	33.56*	18.67	12.44	34.89	0.11	-0.05	-0.03	-0.05
Reading	T	30	37.56	0.22	0.22	32.00	37.56*	22.44	7.56	0.02	0.10	-0.06	-0.11
Reading	T	31	26.44	0.44	0.00	64.67	4.44	26.44*	4.00	0.05	-0.15	0.10	-0.17
Reading	T	32	87.56	0.89	0.00	5.33	87.56*	4.00	2.22	-0.09	0.25	-0.21	-0.13
Reading	T	33	74.00	0.44	0.00	13.56	4.44	74*	7.56	-0.13	-0.08	0.30	-0.27
Reading	T	34	25.11	0.67	0.00	25.11*	14.44	54.00	5.78	0.08	-0.01	0.02	-0.19
Reading	F	1	59.65	0.00	0.00	15.35	15.35	59.65*	9.65	-0.09	-0.30	0.31	-0.04
Reading	F	2	29.39	0.00	0.00	35.09	29.39*	26.75	8.77	-0.11	0.18	0.00	-0.11

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	F	3	67.11	0.00	0.00	67.11*	1.75	12.72	18.42	0.07	-0.02	0.02	-0.09
Reading	F	4	86.84	0.00	0.00	6.58	86.84*	2.63	3.95	-0.19	0.19	-0.13	0.02
Reading	F	5	17.11	0.88	0.00	61.84	4.39	17.11*	15.79	-0.12	-0.02	0.17	0.02
Reading	F	6	46.05	0.00	0.00	11.40	46.05*	5.70	36.84	-0.11	0.10	-0.23	0.08
Reading	F	7	32.02	0.00	0.00	32.02*	14.47	35.09	18.42	0.04	-0.15	0.08	0.00
Reading	F	8	63.16	0.88	0.00	20.61	63.16*	9.65	5.70	0.13	0.07	-0.18	-0.13
Reading	F	9	67.98	0.00	0.00	67.98*	5.26	17.54	9.21	0.23	-0.04	-0.19	-0.09
Reading	F	10	64.91	0.00	0.00	24.12	4.39	64.91*	6.58	-0.14	-0.09	0.20	-0.07
Reading	F	11	60.53	0.00	0.00	60.53*	4.82	13.60	21.05	0.31	-0.14	-0.28	-0.06
Reading	F	12	40.79	0.00	0.00	3.07	49.12	40.79*	7.02	-0.23	0.01	0.14	-0.14
Reading	F	13	85.96	0.00	0.00	6.58	1.75	85.96*	5.70	-0.20	-0.10	0.25	-0.11
Reading	F	15	59.21	0.00	0.00	28.95	6.14	59.21*	5.70	-0.19	-0.17	0.33	-0.15
Reading	F	16	67.54	0.00	0.00	67.54*	23.68	6.58	2.19	0.30	-0.17	-0.24	-0.07
Reading	F	17	84.21	0.00	0.00	10.09	2.19	3.51	84.21*	-0.19	-0.19	-0.12	0.29
Reading	F	18	55.70	0.00	0.00	55.7*	7.46	10.09	26.75	0.34	-0.20	-0.27	-0.08
Reading	F	19	24.56	0.00	0.00	24.56*	21.93	41.23	12.28	0.05	0.08	-0.02	-0.14
Reading	F	20	29.39	0.00	0.00	29.39*	25.88	18.42	26.32	-0.13	0.02	-0.10	0.20
Reading	F	21	64.47	0.00	0.00	64.47*	22.81	9.21	3.51	0.33	-0.21	-0.16	-0.12
Reading	F	24	26.75	0.00	0.00	25.88	26.75*	22.37	25.00	0.13	0.11	-0.18	-0.07
Reading	F	25	79.82	0.00	0.00	8.77	3.07	79.82*	8.33	-0.11	-0.16	0.27	-0.18
Reading	F	26	47.81	0.00	0.00	22.81	47.81*	16.67	12.72	-0.09	0.03	0.03	0.03
Reading	F	27	61.84	0.00	0.00	13.60	61.84*	20.18	4.39	-0.09	0.21	-0.10	-0.15
Reading	F	28	57.02	0.88	0.00	2.63	57.02*	28.95	10.53	-0.07	-0.02	0.06	-0.06
Reading	F	29	37.28	0.44	0.00	37.28*	16.23	10.09	35.96	0.09	-0.08	-0.05	0.00
Reading	F	30	39.91	0.00	0.44	28.51	39.91*	23.68	7.46	0.07	0.07	-0.08	-0.08
Reading	F	31	28.51	0.00	0.00	65.79	3.51	28.51*	2.19	-0.03	-0.17	0.13	-0.10
Reading	F	32	91.67	1.32	0.00	3.51	91.67*	2.19	1.32	-0.01	0.20	-0.18	-0.14
Reading	F	33	77.63	0.44	0.00	11.40	3.51	77.63*	7.02	-0.06	0.00	0.24	-0.29
Reading	F	34	21.05	0.44	0.00	21.05*	14.47	57.89	6.14	0.05	-0.01	0.05	-0.12
Reading	M	1	60.73	0.00	0.00	20.09	9.59	60.73*	9.59	-0.14	-0.28	0.33	-0.08
Reading	M	2	36.99	0.00	0.00	42.47	36.99*	15.98	4.57	-0.16	0.20	-0.05	0.00
Reading	M	3	63.01	0.00	0.00	63.01*	4.11	15.07	17.81	0.31	-0.19	-0.12	-0.19
Reading	M	4	88.58	0.00	0.00	4.11	88.58*	3.20	4.11	-0.18	0.21	-0.12	-0.04
Reading	M	5	18.72	0.00	0.00	56.62	6.39	18.72*	18.26	0.08	0.00	0.05	-0.15

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Reading	M	6	45.21	0.00	0.00	10.96	45.21*	3.20	40.64	-0.17	0.02	-0.13	0.13
Reading	M	7	33.33	0.00	0.46	33.33*	12.33	37.44	16.44	0.03	-0.09	0.14	-0.13
Reading	M	8	56.16	0.00	0.00	21.92	56.16*	10.50	11.42	-0.09	0.23	-0.10	-0.14
Reading	M	9	68.04	0.46	0.00	68.04*	7.76	16.89	6.85	0.29	-0.18	-0.20	-0.05
Reading	M	10	65.30	0.00	0.00	22.37	6.85	65.3*	5.48	-0.17	-0.17	0.24	-0.01
Reading	M	11	70.78	0.46	0.00	70.78*	4.11	7.76	16.89	0.23	-0.05	-0.18	-0.11
Reading	M	12	38.81	0.00	0.00	3.65	48.86	38.81*	8.68	-0.11	-0.01	0.12	-0.12
Reading	M	13	84.47	0.00	0.00	7.31	0.91	84.47*	7.31	-0.24	-0.11	0.35	-0.20
Reading	M	15	59.82	0.00	0.00	27.85	7.76	59.82*	4.57	-0.22	-0.13	0.32	-0.11
Reading	M	16	59.36	0.00	0.00	59.36*	25.57	10.05	5.02	0.22	0.05	-0.26	-0.22
Reading	M	17	73.52	0.00	0.00	12.33	5.02	9.13	73.52*	-0.14	-0.27	-0.28	0.42
Reading	M	18	57.08	0.00	0.00	57.08*	9.59	15.53	17.81	0.22	-0.05	-0.29	0.02
Reading	M	19	24.66	0.00	0.00	24.66*	16.89	43.84	14.61	0.09	-0.04	0.04	-0.12
Reading	M	20	30.14	0.00	0.00	30.14*	24.20	21.00	24.66	-0.11	0.09	-0.16	0.19
Reading	M	21	57.08	0.00	0.00	57.08*	25.57	13.24	4.11	0.24	-0.17	-0.09	-0.07
Reading	M	24	30.59	0.46	0.00	27.40	30.59*	21.92	19.63	0.07	0.08	-0.08	-0.07
Reading	M	25	83.11	0.00	0.00	6.39	5.02	83.11*	5.48	-0.17	-0.17	0.33	-0.20
Reading	M	26	47.03	0.00	0.00	31.51	47.03*	13.24	8.22	-0.03	0.10	-0.02	-0.09
Reading	M	27	59.82	0.00	0.00	21.00	59.82*	15.07	4.11	0.07	0.05	-0.06	-0.16
Reading	M	28	57.53	0.00	0.00	7.76	57.53*	26.03	8.68	-0.31	0.11	0.00	0.10
Reading	M	29	29.22	0.46	0.00	29.22*	21.00	15.07	34.25	0.11	-0.02	0.01	-0.10
Reading	M	30	34.25	0.46	0.00	36.07	34.25*	21.46	7.76	-0.01	0.10	-0.04	-0.12
Reading	M	31	24.20	0.91	0.00	63.47	5.48	24.2*	5.94	0.12	-0.12	0.06	-0.22
Reading	M	32	83.11	0.46	0.00	7.31	83.11*	5.94	3.20	-0.15	0.29	-0.22	-0.13
Reading	M	33	69.86	0.46	0.00	15.98	5.48	69.86*	8.22	-0.18	-0.14	0.35	-0.25
Reading	M	34	29.22	0.91	0.00	29.22*	14.16	50.23	5.48	0.13	-0.01	-0.02	-0.25
Language	T	1	85.00	0.00	0.00	3.86	1.59	9.55	85*	-0.11	-0.10	-0.08	0.16
Language	T	2	43.18	0.00	0.00	2.73	9.55	44.55	43.18*	-0.08	0.07	-0.04	0.03
Language	T	3	30.91	0.00	0.00	30.91*	30.45	32.95	5.68	0.03	0.04	-0.04	-0.05
Language	T	4	54.77	0.00	0.00	54.77*	3.86	11.59	29.77	0.15	-0.11	-0.15	-0.01
Language	T	5	37.50	0.45	0.00	26.82	11.82	23.41	37.5*	-0.04	-0.06	-0.03	0.10
Language	T	6	48.18	0.00	0.00	33.86	15.68	2.27	48.18*	0.04	-0.17	-0.09	0.12
Language	T	7	59.77	0.00	0.00	29.77	7.73	59.77*	2.73	0.07	-0.16	0.07	-0.15
Language	T	8	45.68	0.45	0.00	9.77	45.68*	36.36	7.73	-0.12	-0.03	0.18	-0.15

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Language	T	9	64.09	0.00	0.00	4.55	64.09*	21.14	10.23	-0.18	0.15	0.03	-0.15
Language	T	10	30.91	0.00	0.00	3.41	8.18	57.50	30.91*	-0.18	-0.13	-0.05	0.20
Language	T	11	21.82	0.45	0.00	9.32	33.18	21.82*	35.23	-0.20	-0.06	0.11	0.09
Language	T	12	75.00	0.00	0.00	10.00	8.64	75*	6.36	-0.20	-0.21	0.37	-0.18
Language	T	13	57.05	0.23	0.00	17.73	57.05*	20.68	4.32	-0.13	0.22	-0.08	-0.12
Language	T	14	78.64	0.23	0.00	3.64	78.64*	12.73	4.77	-0.20	0.21	-0.13	-0.02
Language	T	15	52.73	0.23	0.00	5.91	10.23	52.73*	30.91	-0.08	-0.20	0.28	-0.12
Language	T	16	56.82	0.00	0.00	21.36	56.82*	8.18	13.64	-0.13	0.18	-0.15	0.01
Language	T	17	44.32	0.23	0.00	44.32*	39.77	7.05	8.64	0.17	0.05	-0.23	-0.17
Language	T	18	62.50	0.00	0.00	62.5*	7.95	18.18	11.36	0.17	-0.14	-0.05	-0.07
Language	T	19	34.32	0.00	0.00	14.55	10.91	34.32*	40.23	-0.10	-0.09	-0.02	0.14
Language	T	20	16.82	0.00	0.00	32.05	19.55	16.82*	31.59	-0.04	-0.13	0.00	0.15
Language	T	21	54.09	0.23	0.00	7.73	9.77	28.18	54.09*	-0.04	-0.24	-0.08	0.23
Language	T	22	65.91	0.23	0.00	10.45	18.64	4.77	65.91*	-0.21	-0.05	-0.17	0.26
Language	T	23	52.27	0.23	0.00	52.27*	10.00	16.59	20.91	0.33	-0.14	-0.23	-0.08
Language	T	24	19.55	0.00	0.00	19.55*	33.64	34.32	12.50	-0.07	-0.02	0.11	-0.05
Language	T	25	26.59	0.00	0.00	26.59*	20.23	15.91	37.27	0.15	-0.07	-0.15	0.03
Language	F	1	89.50	0.00	0.00	2.28	0.46	7.76	89.5*	-0.07	-0.08	-0.11	0.15
Language	F	2	39.73	0.00	0.00	2.28	12.33	45.66	39.73*	0.01	0.06	0.00	-0.05
Language	F	3	33.33	0.00	0.00	33.33*	30.14	30.14	6.39	0.05	0.04	-0.07	-0.05
Language	F	4	55.71	0.00	0.00	55.71*	1.83	8.68	33.79	0.13	-0.10	-0.10	-0.04
Language	F	5	43.38	0.46	0.00	28.31	6.85	21.00	43.38*	-0.08	0.04	0.04	0.01
Language	F	6	48.86	0.00	0.00	34.70	15.07	1.37	48.86*	0.08	-0.17	-0.10	0.07
Language	F	7	62.10	0.00	0.00	31.05	5.48	62.1*	1.37	-0.02	-0.17	0.13	-0.14
Language	F	8	42.92	0.91	0.00	9.13	42.92*	38.81	8.22	-0.08	0.00	0.17	-0.23
Language	F	9	65.75	0.00	0.00	3.20	65.75*	22.37	8.68	-0.14	0.15	-0.03	-0.12
Language	F	10	28.77	0.00	0.00	3.20	6.85	61.19	28.77*	-0.19	-0.02	-0.15	0.25
Language	F	11	21.92	0.46	0.00	6.85	34.25	21.92*	36.53	-0.10	-0.03	0.11	-0.01
Language	F	12	79.00	0.00	0.00	10.05	6.39	79*	4.57	-0.15	-0.20	0.32	-0.19
Language	F	13	61.19	0.00	0.00	15.98	61.19*	19.63	3.20	-0.17	0.20	-0.06	-0.06
Language	F	14	83.11	0.46	0.00	3.20	83.11*	8.22	5.02	-0.20	0.12	-0.07	0.06
Language	F	15	54.79	0.46	0.00	5.94	9.13	54.79*	29.68	-0.05	-0.20	0.21	-0.06
Language	F	16	66.21	0.00	0.00	15.98	66.21*	6.39	11.42	-0.09	0.22	-0.17	-0.09
Language	F	17	42.92	0.46	0.00	42.92*	40.18	5.94	10.50	0.31	-0.12	-0.13	-0.21

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Language	F	18	66.21	0.00	0.00	66.21*	5.94	17.35	10.50	0.13	-0.04	-0.02	-0.14
Language	F	19	36.07	0.00	0.00	13.24	9.13	36.07*	41.55	-0.06	-0.04	-0.06	0.12
Language	F	20	18.72	0.00	0.00	28.77	18.72	18.72*	33.79	0.02	-0.13	-0.02	0.11
Language	F	21	56.16	0.00	0.00	4.57	5.48	33.79	56.16*	-0.13	-0.22	-0.10	0.25
Language	F	22	70.78	0.00	0.00	10.96	16.44	1.83	70.78*	-0.19	-0.11	-0.12	0.25
Language	F	23	53.42	0.00	0.00	53.42*	8.22	14.16	24.20	0.30	-0.10	-0.19	-0.13
Language	F	24	17.81	0.00	0.00	17.81*	32.88	36.99	12.33	-0.02	-0.07	0.17	-0.12
Language	F	25	26.94	0.00	0.00	26.94*	17.81	16.44	38.81	0.26	-0.05	-0.15	-0.09
Language	M	1	80.18	0.00	0.00	5.53	2.76	11.52	80.18*	-0.12	-0.11	-0.04	0.14
Language	M	2	45.62	0.00	0.00	3.23	6.91	44.24	45.62*	-0.15	0.06	-0.10	0.13
Language	M	3	29.03	0.00	0.00	29.03*	29.49	36.41	5.07	-0.01	0.03	0.00	-0.06
Language	M	4	54.84	0.00	0.00	54.84*	5.07	14.75	25.35	0.17	-0.10	-0.17	-0.01
Language	M	5	31.34	0.46	0.00	25.81	17.05	25.35	31.34*	0.00	-0.10	-0.08	0.16
Language	M	6	47.47	0.00	0.00	32.72	16.59	3.23	47.47*	-0.01	-0.18	-0.07	0.17
Language	M	7	57.14	0.00	0.00	28.57	10.14	57.14*	4.15	0.16	-0.14	0.00	-0.15
Language	M	8	47.93	0.00	0.00	10.60	47.93*	34.10	7.37	-0.15	-0.03	0.17	-0.08
Language	M	9	62.67	0.00	0.00	5.99	62.67*	19.35	11.98	-0.20	0.16	0.07	-0.17
Language	M	10	33.64	0.00	0.00	3.69	9.68	53.00	33.64*	-0.17	-0.20	0.02	0.18
Language	M	11	21.66	0.46	0.00	11.98	32.72	21.66*	33.18	-0.26	-0.09	0.10	0.19
Language	M	12	70.51	0.00	0.00	10.14	11.06	70.51*	8.29	-0.25	-0.20	0.40	-0.16
Language	M	13	52.53	0.46	0.00	19.35	52.53*	22.12	5.53	-0.08	0.22	-0.11	-0.15
Language	M	14	74.65	0.00	0.00	4.15	74.65*	17.05	4.15	-0.20	0.28	-0.15	-0.14
Language	M	15	50.69	0.00	0.00	5.99	11.52	50.69*	31.80	-0.12	-0.18	0.34	-0.17
Language	M	16	47.47	0.00	0.00	26.73	47.47*	9.68	16.13	-0.13	0.11	-0.12	0.11
Language	M	17	45.62	0.00	0.00	45.62*	39.17	8.29	6.91	0.06	0.20	-0.32	-0.15
Language	M	18	59.45	0.00	0.00	59.45*	9.22	18.89	12.44	0.18	-0.21	-0.07	0.00
Language	M	19	31.80	0.00	0.00	16.13	12.90	31.8*	39.17	-0.13	-0.12	0.02	0.15
Language	M	20	15.21	0.00	0.00	35.02	19.82	15.21*	29.95	-0.07	-0.14	0.01	0.18
Language	M	21	52.53	0.46	0.00	11.06	13.82	22.12	52.53*	0.04	-0.22	-0.10	0.20
Language	M	22	61.75	0.46	0.00	9.68	20.28	7.83	61.75*	-0.25	0.02	-0.17	0.24
Language	M	23	51.15	0.46	0.00	51.15*	11.98	18.89	17.51	0.36	-0.16	-0.24	-0.06
Language	M	24	21.20	0.00	0.00	21.2*	34.56	31.34	12.90	-0.09	0.03	0.04	0.02
Language	M	25	26.73	0.00	0.00	26.73*	22.12	15.21	35.94	0.05	-0.07	-0.16	0.13
Math	T	1	77.75	0.00	0.00	1.75	77.75*	2.75	17.75	-0.14	0.28	-0.07	-0.23

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Math	T	2	50.75	0.00	0.00	50.75*	44.75	3.00	1.50	0.31	-0.28	-0.01	-0.12
Math	T	3	26.00	0.50	0.00	44.75	16.00	26*	12.75	-0.05	-0.12	0.20	-0.05
Math	T	4	22.00	0.50	0.00	62.25	12.00	22*	3.25	-0.23	-0.01	0.32	-0.08
Math	T	5	69.25	0.00	0.00	69.25*	11.00	18.50	1.25	0.40	-0.08	-0.38	-0.12
Math	T	6	67.00	0.75	0.00	12.75	9.25	67*	10.25	-0.17	-0.19	0.37	-0.16
Math	T	8	38.00	0.75	0.00	16.25	28.25	16.75	38*	-0.12	-0.13	-0.22	0.40
Math	T	9	79.25	0.25	0.00	3.50	8.75	79.25*	8.25	-0.10	-0.09	0.20	-0.11
Math	T	10	42.75	0.25	0.00	42.75*	35.75	11.00	10.25	0.28	-0.05	-0.17	-0.18
Math	T	12	40.00	0.25	0.00	21.25	15.50	23.00	40*	-0.01	-0.13	-0.09	0.19
Math	T	13	47.25	0.50	0.25	47.25*	11.00	20.75	20.25	0.25	-0.12	-0.11	-0.07
Math	T	14	70.50	0.50	0.00	9.50	12.75	70.5*	6.75	-0.22	-0.15	0.35	-0.12
Math	T	15	74.75	0.75	0.00	9.00	74.75*	9.50	6.00	-0.17	0.27	-0.12	-0.10
Math	T	16	57.00	0.75	0.00	19.00	57*	22.25	1.00	-0.06	0.17	-0.09	-0.10
Math	T	17	55.25	0.75	0.00	55.25*	25.00	17.50	1.50	0.19	-0.17	0.00	-0.05
Math	T	18	39.00	0.50	0.00	31.00	39*	27.00	2.50	-0.07	0.21	-0.09	-0.14
Math	T	19	40.75	0.75	0.00	23.50	20.25	40.75*	14.75	-0.03	-0.09	0.18	-0.07
Math	T	20	52.25	0.75	0.00	8.75	52.25*	33.75	4.50	-0.08	0.10	0.01	-0.09
Math	T	21	23.25	0.50	0.00	23.25*	61.00	8.50	6.75	-0.02	0.15	-0.09	-0.11
Math	T	22	22.00	0.75	0.00	22*	23.50	41.00	12.75	0.08	-0.10	0.04	0.01
Math	T	23	32.50	1.00	0.00	32.5*	6.50	53.00	7.00	0.03	-0.12	0.05	0.02
Math	T	24	75.25	0.50	0.00	6.25	5.50	12.50	75.25*	-0.19	-0.18	-0.11	0.32
Math	T	25	62.00	0.75	0.00	22.75	62*	8.75	5.75	-0.23	0.30	-0.11	-0.01
Math	T	26	43.25	2.25	0.00	19.25	24.00	43.25*	11.25	-0.16	-0.05	0.20	-0.01
Math	T	27	69.25	0.50	0.00	18.75	69.25*	6.50	5.00	-0.26	0.38	-0.10	-0.17
Math	T	28	64.25	0.75	0.00	10.25	64.25*	17.25	7.50	-0.12	0.40	-0.24	-0.19
Math	T	29	48.75	1.00	0.00	29.25	48.75*	12.75	8.25	-0.09	0.31	-0.14	-0.20
Math	T	30	33.75	1.00	0.00	18.75	33.75*	23.75	22.75	-0.12	0.17	-0.06	0.02
Math	T	31	58.50	0.75	0.00	13.00	13.25	14.50	58.5*	-0.22	-0.11	-0.12	0.33
Math	T	32	52.50	1.50	0.00	28.25	52.5*	14.50	3.25	-0.19	0.27	-0.05	-0.06
Math	T	33	38.00	0.75	0.25	3.75	19.75	38*	37.50	-0.16	-0.34	0.45	-0.08
Math	F	1	78.26	0.00	0.00	0.48	78.26*	2.42	18.84	-0.12	0.30	-0.07	-0.27
Math	F	2	50.24	0.00	0.00	50.24*	46.86	2.42	0.48	0.27	-0.25	0.02	-0.21
Math	F	3	24.15	0.97	0.00	44.44	14.49	24.15*	15.94	-0.09	-0.10	0.22	-0.03
Math	F	4	17.87	0.48	0.00	67.15	11.59	17.87*	2.90	-0.29	0.11	0.26	0.02

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Math	F	5	70.05	0.00	0.00	70.05*	12.08	16.91	0.97	0.36	-0.12	-0.29	-0.14
Math	F	6	69.08	0.97	0.00	14.01	6.76	69.08*	9.18	-0.11	-0.13	0.31	-0.19
Math	F	8	38.65	1.45	0.00	16.43	28.99	14.49	38.65*	-0.09	-0.15	-0.20	0.39
Math	F	9	79.71	0.48	0.00	2.42	11.59	79.71*	5.80	-0.07	-0.06	0.16	-0.09
Math	F	10	34.30	0.48	0.00	34.3*	41.06	12.56	11.59	0.33	-0.08	-0.17	-0.14
Math	F	12	38.65	0.48	0.00	20.77	17.39	22.71	38.65*	0.02	-0.12	-0.10	0.19
Math	F	13	47.34	0.48	0.00	47.34*	8.21	19.81	24.15	0.24	-0.16	-0.05	-0.10
Math	F	14	75.85	0.48	0.00	6.76	11.59	75.85*	5.31	-0.15	-0.25	0.37	-0.13
Math	F	15	72.46	0.97	0.00	9.18	72.46*	11.11	6.28	-0.15	0.31	-0.18	-0.10
Math	F	16	57.00	0.97	0.00	20.29	57*	21.74	0.00	-0.15	0.22	-0.08	
Math	F	17	54.59	0.97	0.00	54.59*	25.12	18.36	0.97	0.25	-0.20	-0.05	-0.01
Math	F	18	36.23	0.48	0.00	34.78	36.23*	25.12	3.38	-0.11	0.18	-0.02	-0.07
Math	F	19	40.10	0.48	0.00	21.26	22.71	40.1*	15.46	-0.07	-0.03	0.19	-0.12
Math	F	20	49.76	0.97	0.00	9.66	49.76*	36.23	3.38	-0.08	-0.03	0.13	-0.03
Math	F	21	25.12	0.48	0.00	25.12*	59.90	7.73	6.76	-0.01	0.15	-0.11	-0.11
Math	F	22	20.77	0.97	0.00	20.77*	22.22	42.51	13.53	0.08	-0.04	-0.03	0.02
Math	F	23	30.43	1.45	0.00	30.43*	3.86	56.52	7.73	-0.01	-0.07	0.04	0.04
Math	F	24	76.81	0.48	0.00	5.80	3.86	13.04	76.81*	-0.22	-0.15	-0.12	0.32
Math	F	25	66.18	0.97	0.00	21.26	66.18*	6.76	4.83	-0.33	0.39	-0.09	-0.07
Math	F	26	42.03	2.90	0.00	20.29	24.15	42.03*	10.63	-0.13	-0.10	0.27	-0.04
Math	F	27	73.43	0.48	0.00	16.43	73.43*	6.76	2.90	-0.33	0.41	-0.11	-0.12
Math	F	28	69.08	0.48	0.00	9.18	69.08*	13.53	7.73	-0.11	0.39	-0.22	-0.22
Math	F	29	55.56	0.97	0.00	28.50	55.56*	10.14	4.83	-0.12	0.30	-0.21	-0.11
Math	F	30	34.78	0.97	0.00	19.81	34.78*	20.29	24.15	-0.17	0.27	-0.11	-0.01
Math	F	31	63.29	0.97	0.00	11.11	13.04	11.59	63.29*	-0.15	-0.08	-0.19	0.30
Math	F	32	59.90	2.42	0.00	22.22	59.9*	11.59	3.86	-0.20	0.28	-0.02	-0.07
Math	F	33	37.20	0.97	0.48	1.93	15.94	37.2*	43.48	-0.05	-0.28	0.48	-0.22
Math	M	1	77.78	0.00	0.00	3.17	77.78*	3.17	15.87	-0.17	0.26	-0.07	-0.18
Math	M	2	51.85	0.00	0.00	51.85*	42.33	3.70	2.12	0.35	-0.31	-0.04	-0.10
Math	M	3	27.51	0.00	0.00	46.03	16.93	27.51*	9.52	-0.01	-0.15	0.20	-0.09
Math	M	4	25.93	0.53	0.00	57.67	12.17	25.93*	3.70	-0.18	-0.14	0.39	-0.17
Math	M	5	68.78	0.00	0.00	68.78*	9.52	20.11	1.59	0.45	-0.04	-0.46	-0.11
Math	M	6	65.61	0.53	0.00	11.64	10.58	65.61*	11.64	-0.25	-0.25	0.43	-0.13
Math	M	8	37.57	0.00	0.00	15.34	28.04	19.05	37.57*	-0.16	-0.12	-0.22	0.41

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Math	M	9	78.31	0.00	0.00	4.76	5.82	78.31*	11.11	-0.12	-0.15	0.25	-0.13
Math	M	10	51.32	0.00	0.00	51.32*	30.16	9.52	8.99	0.27	-0.03	-0.19	-0.24
Math	M	12	41.80	0.00	0.00	21.69	13.76	22.75	41.8*	-0.04	-0.14	-0.09	0.21
Math	M	13	47.62	0.53	0.53	47.62*	13.76	21.69	15.87	0.26	-0.09	-0.16	-0.05
Math	M	14	64.55	0.53	0.00	12.17	14.29	64.55*	8.47	-0.28	-0.06	0.33	-0.11
Math	M	15	76.72	0.53	0.00	8.99	76.72*	7.94	5.82	-0.19	0.24	-0.04	-0.10
Math	M	16	58.20	0.53	0.00	17.99	58.2*	21.69	1.59	0.03	0.12	-0.11	-0.11
Math	M	17	55.03	0.53	0.00	55.03*	25.40	16.93	2.12	0.13	-0.14	0.05	-0.08
Math	M	18	40.74	0.53	0.00	27.51	40.74*	29.63	1.59	-0.03	0.27	-0.16	-0.26
Math	M	19	40.74	1.06	0.00	25.93	17.99	40.74*	14.29	0.01	-0.17	0.18	-0.02
Math	M	20	55.03	0.53	0.00	7.41	55.03*	31.22	5.82	-0.07	0.26	-0.13	-0.14
Math	M	21	21.69	0.53	0.00	21.69*	61.38	9.52	6.88	-0.03	0.15	-0.07	-0.11
Math	M	22	23.81	0.53	0.00	23.81*	24.87	38.62	12.17	0.09	-0.17	0.11	-0.02
Math	M	23	34.92	0.53	0.00	34.92*	8.47	49.74	6.35	0.06	-0.15	0.05	0.00
Math	M	24	74.07	0.53	0.00	6.88	6.88	11.64	74.07*	-0.17	-0.19	-0.11	0.32
Math	M	25	58.73	0.53	0.00	23.81	58.73*	10.05	6.88	-0.14	0.20	-0.12	0.04
Math	M	26	44.44	1.59	0.00	18.52	23.28	44.44*	12.17	-0.21	0.02	0.13	0.03
Math	M	27	65.08	0.53	0.00	20.63	65.08*	6.35	7.41	-0.20	0.35	-0.09	-0.20
Math	M	28	59.26	1.06	0.00	10.58	59.26*	21.69	7.41	-0.13	0.42	-0.26	-0.15
Math	M	29	41.80	1.06	0.00	30.16	41.8*	15.34	11.64	-0.06	0.33	-0.08	-0.25
Math	M	30	32.28	1.06	0.00	17.99	32.28*	27.51	21.16	-0.08	0.07	-0.01	0.05
Math	M	31	53.44	0.53	0.00	14.81	13.76	17.46	53.44*	-0.28	-0.13	-0.06	0.36
Math	M	32	44.97	0.53	0.00	34.92	44.97*	16.93	2.65	-0.18	0.27	-0.06	-0.07
Math	M	33	38.10	0.53	0.00	5.82	23.81	38.1*	31.75	-0.24	-0.39	0.42	0.07
Science	T	1	40.79	0.47	0.00	15.62	40.79*	25.17	17.95	-0.06	0.10	-0.15	0.08
Science	T	3	34.50	0.23	0.00	34.5*	15.15	27.51	22.61	0.19	-0.11	-0.16	0.04
Science	T	4	37.30	0.00	0.00	26.57	20.05	37.3*	16.08	-0.22	-0.08	0.21	0.07
Science	T	5	36.83	0.00	0.00	10.02	36.83*	11.42	41.72	-0.13	0.24	-0.19	-0.04
Science	T	6	20.75	0.00	0.00	20.75*	22.84	35.66	20.75	0.06	0.00	0.03	-0.10
Science	T	7	18.88	0.00	0.00	20.75	17.02	18.88*	43.36	0.06	-0.01	-0.03	-0.02
Science	T	8	32.17	0.00	0.00	32.17*	23.54	33.33	10.96	-0.08	0.08	0.00	0.02
Science	T	9	28.67	0.00	0.00	28.67*	29.14	30.07	12.12	0.11	0.08	-0.12	-0.09
Science	T	10	37.53	0.23	0.23	18.65	37.53*	28.21	15.15	-0.13	0.18	-0.05	-0.04
Science	T	11	46.39	0.23	0.00	46.39*	20.98	14.22	18.18	0.29	-0.22	-0.05	-0.09

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Science	T	12	44.99	0.00	0.00	12.35	44.99*	23.78	18.88	-0.15	0.11	0.00	-0.01
Science	T	13	23.78	0.00	0.00	23.08	27.97	25.17	23.78*	-0.10	-0.10	0.12	0.08
Science	T	14	23.78	0.00	0.00	23.78*	25.17	23.08	27.97	0.13	-0.15	-0.08	0.09
Science	T	15	24.71	0.00	0.00	24.71*	42.89	19.58	12.82	0.07	-0.01	-0.07	0.01
Science	T	16	18.41	0.00	0.00	17.48	18.41*	42.66	21.45	-0.09	-0.04	0.07	0.04
Science	T	17	38.00	0.47	0.00	13.99	38*	21.91	25.64	-0.10	0.13	-0.07	-0.01
Science	T	18	26.34	0.00	0.00	26.34*	31.47	8.86	33.33	0.12	0.01	-0.14	-0.04
Science	T	19	26.11	0.00	0.00	35.90	16.78	21.21	26.11*	-0.01	-0.13	-0.04	0.15
Science	T	20	53.85	0.00	0.00	8.16	53.85*	15.62	22.38	-0.02	0.10	-0.17	0.04
Science	T	21	36.83	0.00	0.00	36.83*	19.81	21.91	21.45	-0.01	-0.15	0.08	0.08
Science	T	22	56.88	0.00	0.00	18.88	56.88*	21.68	2.56	-0.11	0.14	-0.03	-0.12
Science	T	23	44.99	0.23	0.00	23.54	13.29	44.99*	17.95	0.12	-0.18	0.15	-0.16
Science	T	24	71.79	0.23	0.47	7.23	9.32	10.96	71.79*	-0.15	-0.12	-0.14	0.26
Science	T	25	32.40	0.00	0.00	36.13	32.4*	20.51	10.96	0.09	0.05	-0.16	-0.02
Science	T	26	24.01	0.47	0.00	14.45	24.24	36.83	24.01*	-0.08	-0.07	0.04	0.09
Science	T	27	31.93	0.00	0.23	37.06	14.92	31.93*	15.85	0.07	-0.16	0.09	-0.05
Science	T	28	24.01	0.00	0.00	22.61	32.63	20.75	24.01*	0.01	0.01	-0.08	0.05
Science	F	1	40.87	0.87	0.00	14.78	40.87*	27.83	15.65	-0.02	0.10	-0.13	0.03
Science	F	3	35.22	0.00	0.00	35.22*	10.87	30.43	23.48	0.22	-0.13	-0.15	0.00
Science	F	4	36.09	0.00	0.00	29.13	21.74	36.09*	13.04	-0.18	-0.05	0.16	0.08
Science	F	5	33.91	0.00	0.00	9.13	33.91*	12.61	44.35	-0.11	0.21	-0.18	-0.02
Science	F	6	22.61	0.00	0.00	22.61*	22.17	36.52	18.70	0.06	0.02	0.01	-0.10
Science	F	7	17.39	0.00	0.00	19.57	16.52	17.39*	46.52	0.02	-0.01	-0.15	0.10
Science	F	8	33.48	0.00	0.00	33.48*	22.61	35.22	8.70	-0.12	0.14	-0.01	0.02
Science	F	9	28.70	0.00	0.00	28.7*	30.87	28.26	12.17	0.12	0.16	-0.12	-0.22
Science	F	10	38.70	0.43	0.43	16.96	38.7*	26.09	17.39	-0.08	0.23	-0.09	-0.08
Science	F	11	47.39	0.43	0.00	47.39*	21.30	13.48	17.39	0.30	-0.24	0.00	-0.13
Science	F	12	49.57	0.00	0.00	11.30	49.57*	19.57	19.57	-0.18	0.11	0.01	0.00
Science	F	13	25.65	0.00	0.00	21.30	27.83	25.22	25.65*	-0.04	-0.14	0.09	0.10
Science	F	14	25.65	0.00	0.00	25.65*	25.65	21.74	26.96	0.13	-0.15	-0.10	0.11
Science	F	15	25.22	0.00	0.00	25.22*	41.74	20.00	13.04	0.13	-0.04	-0.04	-0.06
Science	F	16	18.70	0.00	0.00	17.83	18.7*	46.09	17.39	-0.10	-0.07	0.17	-0.05
Science	F	17	37.39	0.43	0.00	13.91	37.39*	21.74	26.52	-0.07	0.16	-0.06	-0.06
Science	F	18	25.22	0.00	0.00	25.22*	30.00	7.39	37.39	0.07	0.00	-0.14	0.01

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Science	F	19	26.09	0.00	0.00	36.09	17.39	20.43	26.09*	0.05	-0.11	-0.02	0.06
Science	F	20	55.65	0.00	0.00	7.83	55.65*	16.09	20.43	-0.11	0.14	-0.18	0.06
Science	F	21	40.00	0.00	0.00	40*	17.83	18.26	23.91	-0.07	-0.15	0.12	0.10
Science	F	22	60.43	0.00	0.00	19.57	60.43*	16.96	3.04	-0.09	0.17	-0.06	-0.14
Science	F	23	44.78	0.00	0.00	23.48	12.17	44.78*	19.57	0.11	-0.18	0.14	-0.14
Science	F	24	76.96	0.00	0.87	5.65	8.26	8.26	76.96*	-0.15	-0.11	-0.21	0.29
Science	F	25	27.83	0.00	0.00	39.13	27.83*	20.43	12.61	0.09	0.10	-0.15	-0.08
Science	F	26	21.74	0.87	0.00	13.48	23.48	40.43	21.74*	-0.06	-0.17	0.06	0.16
Science	F	27	33.91	0.00	0.43	36.09	13.91	33.91*	15.65	0.02	-0.19	0.15	-0.03
Science	F	28	22.17	0.00	0.00	23.91	33.48	20.43	22.17*	0.02	-0.06	-0.12	0.15
Science	M	1	40.82	0.00	0.00	16.84	40.82*	21.94	20.41	-0.10	0.11	-0.18	0.14
Science	M	3	34.18	0.51	0.00	34.18*	19.90	24.49	20.92	0.16	-0.10	-0.18	0.10
Science	M	4	38.78	0.00	0.00	23.47	17.86	38.78*	19.90	-0.27	-0.12	0.28	0.07
Science	M	5	39.29	0.00	0.00	11.22	39.29*	10.20	39.29	-0.14	0.30	-0.22	-0.07
Science	M	6	18.88	0.00	0.00	18.88*	23.47	34.69	22.96	0.06	-0.02	0.06	-0.11
Science	M	7	20.92	0.00	0.00	21.43	17.86	20.92*	39.80	0.11	0.00	0.11	-0.17
Science	M	8	31.12	0.00	0.00	31.12*	25.00	30.61	13.27	-0.04	0.00	0.02	0.03
Science	M	9	29.08	0.00	0.00	29.08*	27.04	31.63	12.24	0.10	-0.03	-0.11	0.07
Science	M	10	35.20	0.00	0.00	20.92	35.2*	31.12	12.76	-0.18	0.14	0.00	0.02
Science	M	11	44.90	0.00	0.00	44.9*	20.41	15.31	19.39	0.28	-0.19	-0.11	-0.05
Science	M	12	39.80	0.00	0.00	13.78	39.8*	28.06	18.37	-0.13	0.10	0.00	-0.01
Science	M	13	21.43	0.00	0.00	25.00	28.57	25.00	21.43*	-0.17	-0.05	0.16	0.05
Science	M	14	21.43	0.00	0.00	21.43*	24.49	25.00	29.08	0.15	-0.15	-0.05	0.06
Science	M	15	23.98	0.00	0.00	23.98*	44.39	18.88	12.76	0.01	0.02	-0.10	0.09
Science	M	16	17.86	0.00	0.00	17.35	17.86*	38.78	26.02	-0.07	0.00	-0.07	0.13
Science	M	17	38.78	0.51	0.00	14.29	38.78*	21.94	24.49	-0.13	0.10	-0.07	0.05
Science	M	18	28.06	0.00	0.00	28.06*	33.67	10.20	28.06	0.18	0.02	-0.13	-0.11
Science	M	19	26.53	0.00	0.00	35.71	16.33	21.43	26.53*	-0.08	-0.15	-0.05	0.25
Science	M	20	52.04	0.00	0.00	8.67	52.04*	15.31	23.98	0.08	0.04	-0.15	0.03
Science	M	21	33.67	0.00	0.00	33.67*	20.92	26.53	18.88	0.07	-0.15	0.03	0.04
Science	M	22	52.55	0.00	0.00	17.86	52.55*	27.55	2.04	-0.13	0.11	0.01	-0.08
Science	M	23	44.90	0.51	0.00	23.98	14.80	44.9*	15.82	0.12	-0.19	0.17	-0.19
Science	M	24	66.33	0.51	0.00	9.18	10.20	13.78	66.33*	-0.15	-0.13	-0.08	0.23
Science	M	25	38.27	0.00	0.00	31.63	38.27*	20.92	9.18	0.10	0.01	-0.16	0.05

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Science	M	26	26.02	0.00	0.00	15.82	25.51	32.65	26.02*	-0.10	0.04	0.01	0.04
Science	M	27	29.59	0.00	0.00	38.27	16.33	29.59*	15.82	0.13	-0.12	0.02	-0.07
Science	M	28	26.53	0.00	0.00	20.92	31.63	20.92	26.53*	0.00	0.08	-0.04	-0.05
Social	T	1	25.61	0.00	0.00	25.61*	66.59	5.57	2.23	0.16	-0.09	-0.13	0.00
Social	T	2	34.97	0.67	0.00	6.68	45.66	12.03	34.97*	-0.08	-0.11	-0.10	0.23
Social	T	3	71.94	0.00	0.00	13.81	71.94*	7.35	6.90	-0.06	0.12	-0.11	-0.03
Social	T	4	66.37	0.00	0.00	9.80	18.26	66.37*	5.57	-0.06	-0.09	0.06	0.11
Social	T	5	33.85	0.22	0.00	33.85*	32.52	16.48	16.93	0.09	-0.11	0.00	0.03
Social	T	6	25.61	0.22	0.22	26.28	25.61*	30.07	17.59	-0.14	0.10	-0.04	0.12
Social	T	7	67.04	0.00	0.00	6.46	18.26	67.04*	8.24	-0.11	-0.12	0.24	-0.15
Social	T	8	32.29	0.00	0.00	32.29*	17.37	15.14	35.19	0.06	-0.09	0.00	0.01
Social	T	9	45.43	0.22	0.00	22.72	23.83	45.43*	7.80	-0.15	-0.02	0.18	-0.07
Social	T	10	23.39	0.00	0.00	23.39*	19.82	29.62	27.17	0.18	-0.16	0.00	-0.02
Social	T	11	23.39	0.00	0.00	55.23	19.38	23.39*	2.00	0.14	-0.09	-0.04	-0.13
Social	T	12	33.85	0.22	0.00	9.35	33.85*	51.22	5.35	-0.14	0.13	0.02	-0.13
Social	T	13	58.57	0.22	0.00	58.57*	14.70	12.47	14.03	0.19	-0.15	-0.13	0.02
Social	T	14	52.78	0.00	0.00	12.47	16.93	52.78*	17.82	-0.04	-0.13	0.19	-0.09
Social	T	15	29.40	0.22	0.00	29.62	29.4*	38.75	2.00	0.00	0.05	0.01	-0.18
Social	T	16	34.74	0.00	0.00	25.61	34.74*	14.48	25.17	-0.11	0.13	-0.12	0.07
Social	T	17	31.85	0.22	0.00	31.85*	28.73	26.28	12.92	0.15	-0.04	0.00	-0.16
Social	T	18	63.03	0.00	0.22	15.14	9.13	63.03*	12.47	-0.05	-0.13	0.17	-0.07
Social	T	19	14.70	0.22	0.00	36.53	25.84	22.72	14.7*	0.06	-0.03	-0.02	0.00
Social	T	20	31.63	0.67	0.00	31.63*	12.47	38.08	17.15	0.08	-0.16	0.07	-0.06
Social	T	21	71.05	0.22	0.00	71.05*	17.37	2.90	8.46	0.17	-0.07	-0.08	-0.13
Social	T	22	73.05	0.45	0.00	12.03	5.12	73.05*	9.35	-0.18	-0.03	0.23	-0.11
Social	T	23	49.00	0.45	0.00	26.28	17.82	49*	6.46	-0.02	-0.17	0.20	-0.11
Social	T	24	49.00	0.67	0.22	49*	30.51	12.69	6.90	0.27	-0.15	-0.12	-0.07
Social	T	25	35.19	0.67	0.00	5.12	35.19*	20.94	38.08	-0.15	0.26	-0.10	-0.11
Social	T	26	14.92	0.89	0.00	30.51	15.14	14.92*	38.53	0.09	-0.05	0.09	-0.11
Social	T	27	60.36	0.22	0.00	18.26	13.36	7.80	60.36*	-0.11	-0.09	-0.18	0.25
Social	T	29	37.19	0.45	0.00	29.84	16.48	16.04	37.19*	0.13	-0.08	-0.14	0.06
Social	T	30	46.10	0.45	0.00	16.70	46.1*	27.84	8.91	-0.12	0.12	0.03	-0.08
Social	F	1	23.91	0.00	0.00	23.91*	65.65	7.39	3.04	0.18	-0.08	-0.11	-0.05
Social	F	2	33.04	0.43	0.00	7.83	47.83	10.87	33.04*	-0.06	-0.05	-0.06	0.13

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Social	F	3	66.09	0.00	0.00	17.39	66.09*	10.00	6.52	-0.04	0.08	-0.10	0.04
Social	F	4	66.52	0.00	0.00	8.70	18.26	66.52*	6.52	-0.02	-0.14	0.08	0.09
Social	F	5	36.96	0.00	0.00	36.96*	32.61	15.22	15.22	0.13	-0.11	0.03	-0.06
Social	F	6	25.22	0.00	0.00	29.13	25.22*	32.61	13.04	-0.12	0.13	-0.04	0.04
Social	F	7	66.09	0.00	0.00	8.70	18.70	66.09*	6.52	-0.10	-0.06	0.19	-0.17
Social	F	8	32.17	0.00	0.00	32.17*	15.65	16.09	36.09	0.03	-0.09	0.09	-0.04
Social	F	9	40.43	0.00	0.00	23.91	27.83	40.43*	7.83	-0.12	0.01	0.15	-0.09
Social	F	10	20.43	0.00	0.00	20.43*	19.13	31.74	28.70	0.12	-0.15	0.00	0.02
Social	F	11	20.00	0.00	0.00	60.43	18.70	20*	0.87	0.11	-0.12	0.00	-0.06
Social	F	12	41.74	0.43	0.00	7.83	41.74*	46.96	3.04	-0.14	0.09	0.04	-0.09
Social	F	13	60.00	0.00	0.00	60*	8.26	13.48	18.26	0.17	-0.09	-0.14	-0.02
Social	F	14	57.39	0.00	0.00	7.39	19.13	57.39*	16.09	-0.03	-0.13	0.15	-0.04
Social	F	15	26.96	0.00	0.00	28.26	26.96*	43.48	1.30	-0.03	0.10	-0.02	-0.19
Social	F	16	32.61	0.00	0.00	23.48	32.61*	12.17	31.74	-0.05	0.11	-0.14	0.03
Social	F	17	35.22	0.43	0.00	35.22*	24.78	25.65	13.91	0.07	-0.01	0.06	-0.17
Social	F	18	67.83	0.00	0.00	14.35	7.83	67.83*	10.00	-0.11	-0.11	0.21	-0.09
Social	F	19	14.35	0.43	0.00	40.87	24.35	20.00	14.35*	0.16	-0.09	-0.11	0.04
Social	F	20	32.61	0.87	0.00	32.61*	10.43	37.83	18.26	0.05	-0.17	0.05	0.00
Social	F	21	71.30	0.00	0.00	71.3*	14.35	3.91	10.43	0.16	-0.04	-0.07	-0.14
Social	F	22	73.91	0.43	0.00	12.61	3.91	73.91*	9.13	-0.17	0.03	0.18	-0.08
Social	F	23	48.70	0.43	0.00	22.61	21.30	48.7*	6.96	0.02	-0.15	0.15	-0.09
Social	F	24	45.22	0.87	0.00	45.22*	36.52	12.17	5.22	0.26	-0.11	-0.14	-0.09
Social	F	25	32.61	0.87	0.00	2.61	32.61*	23.48	40.43	-0.13	0.25	-0.05	-0.16
Social	F	26	12.61	1.30	0.00	30.00	13.04	12.61*	43.04	0.04	-0.08	0.26	-0.16
Social	F	27	57.83	0.00	0.00	20.00	14.78	7.39	57.83*	-0.15	-0.03	-0.16	0.23
Social	F	29	35.22	0.43	0.00	29.57	17.83	16.96	35.22*	0.17	-0.09	-0.15	0.03
Social	F	30	46.52	0.43	0.00	13.48	46.52*	29.13	10.43	-0.15	0.14	0.02	-0.07
Social	M	1	26.64	0.00	0.00	26.64*	68.22	3.74	1.40	0.17	-0.12	-0.17	0.08
Social	M	2	37.38	0.93	0.00	5.14	43.93	12.62	37.38*	-0.09	-0.18	-0.13	0.31
Social	M	3	78.97	0.00	0.00	9.81	78.97*	4.21	7.01	-0.09	0.17	-0.11	-0.08
Social	M	4	66.36	0.00	0.00	10.75	18.22	66.36*	4.67	-0.10	-0.05	0.04	0.15
Social	M	5	30.37	0.47	0.00	30.37*	31.78	18.22	19.16	0.06	-0.10	-0.04	0.10
Social	M	6	26.17	0.47	0.00	22.90	26.17*	27.57	22.90	-0.18	0.07	-0.06	0.17
Social	M	7	67.76	0.00	0.00	3.74	18.22	67.76*	10.28	-0.11	-0.19	0.30	-0.15

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SUBJECT	GROUP	ITEM	PVAL	OMIT	INV	PCT_A	PCT_B	PCT_C	PCT_D	PB_A	PB_B	PB_C	PB_D
Social	M	8	33.18	0.00	0.00	33.18*	19.16	13.55	34.11	0.08	-0.09	-0.08	0.06
Social	M	9	51.87	0.47	0.00	21.50	18.22	51.87*	7.94	-0.19	-0.01	0.20	-0.06
Social	M	10	26.17	0.00	0.00	26.17*	20.09	28.04	25.70	0.23	-0.16	-0.02	-0.08
Social	M	11	27.57	0.00	0.00	49.07	20.09	27.57*	3.27	0.17	-0.05	-0.08	-0.18
Social	M	12	25.70	0.00	0.00	11.21	25.7*	55.61	7.48	-0.15	0.22	-0.02	-0.16
Social	M	13	57.01	0.47	0.00	57.01*	21.50	11.21	9.81	0.21	-0.20	-0.11	0.09
Social	M	14	47.66	0.00	0.00	18.22	14.95	47.66*	19.16	-0.08	-0.13	0.25	-0.13
Social	M	15	31.78	0.47	0.00	30.37	31.78*	34.58	2.80	0.02	0.01	0.04	-0.18
Social	M	16	37.38	0.00	0.00	28.04	37.38*	16.36	18.22	-0.19	0.14	-0.09	0.13
Social	M	17	28.04	0.00	0.00	28.04*	32.71	27.57	11.68	0.24	-0.08	-0.07	-0.12
Social	M	18	57.01	0.00	0.47	16.36	10.75	57.01*	15.42	0.00	-0.17	0.17	-0.07
Social	M	19	15.42	0.00	0.00	32.24	27.10	25.23	15.42*	-0.04	0.02	0.06	-0.05
Social	M	20	31.31	0.47	0.00	31.31*	14.95	37.85	15.42	0.10	-0.16	0.10	-0.10
Social	M	21	70.56	0.47	0.00	70.56*	21.03	1.87	6.07	0.20	-0.12	-0.10	-0.11
Social	M	22	72.43	0.47	0.00	10.75	6.54	72.43*	9.81	-0.19	-0.09	0.27	-0.13
Social	M	23	49.53	0.47	0.00	29.91	14.02	49.53*	6.07	-0.05	-0.18	0.25	-0.14
Social	M	24	54.21	0.47	0.47	54.21*	22.90	13.08	8.88	0.28	-0.19	-0.10	-0.07
Social	M	25	38.79	0.47	0.00	7.48	38.79*	18.22	35.05	-0.17	0.27	-0.17	-0.04
Social	M	26	16.82	0.47	0.00	30.84	17.29	16.82*	34.58	0.14	-0.04	-0.04	-0.06
Social	M	27	63.55	0.47	0.00	16.82	11.21	7.94	63.55*	-0.06	-0.13	-0.20	0.25
Social	M	29	39.72	0.47	0.00	29.44	15.42	14.95	39.72*	0.08	-0.08	-0.13	0.09
Social	M	30	45.33	0.47	0.00	19.63	45.33*	27.10	7.48	-0.09	0.10	0.03	-0.10

APPENDIX D

**Classical Item Statistics for All Performance Assessment Items:
English (Form H)**

**New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point - Overall**

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv		
							0	1	2	3	4	5	6	7	8	9	10	11			12	
Reading	PA1(2)	25675	0.84	0.83	0.42	0.60	39.30	27.99	27.87												4.78	0.07
Reading	PA2(3)	25675	0.95	0.81	0.32	0.49	25.02	47.79	17.06	4.41											5.59	0.12
Reading	PA TOTAL(5)	25675	1.79	1.37	0.36		21.39	25.18	21.30	19.94	9.67	2.52										
Language	PA1(6)	26048	2.15	1.45	0.36	0.62	0.96	18.13	25.87	23.22	11.40	4.22	1.52								14.67	0.00
Language	PA2(6)	26048	1.44	1.43	0.24	0.66	3.17	21.39	18.80	13.92	7.20	2.35	0.44								32.72	0.00
Language	PA TOTAL(12)	26048	3.59	2.56	0.30		13.34	12.01	12.71	13.16	12.89	11.79	9.73	6.84	4.01	2.10	0.95	0.39	0.07			
Math	PA1(4)	26172	2.27	1.28	0.57	0.55	12.11	7.06	27.10	33.08	16.70										3.95	0.00
Math	PA2(2)	26172	0.79	0.79	0.39	0.46	40.05	33.16	22.91												3.87	0.00
Math	PA TOTAL(6)	26172	3.06	1.73	0.51		12.13	6.97	15.66	22.62	20.50	14.59	7.53									
Science	PA1(4)	26744	2.38	1.29	0.59	0.50	7.81	13.11	26.65	24.15	24.66										3.59	0.03
Science	PA2(3)	26744	0.48	0.86	0.16	0.36	66.37	11.63	12.16	4.07											5.71	0.06
Science	PA TOTAL(7)	26744	2.86	1.74	0.41		10.65	11.71	22.15	18.62	20.22	8.85	5.90	1.90								
Social	PA1(2)	25703	0.83	0.65	0.41	0.28	27.32	55.49	13.74												3.43	0.02
Social	PA2(2)	25703	0.75	0.79	0.37	0.44	43.46	31.52	21.61												3.39	0.02
Social	PA TOTAL(4)	25703	1.58	1.11	0.39		18.30	32.56	26.98	17.46	4.70											

New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point - Female

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv			
							0	1	2	3	4	5	6	7	8	9	10	11			12		
Reading	PA1(2)	12467	0.94	0.85	0.47	0.62	36.01	27.34	33.14												3.47	0.05	
Reading	PA2(3)	12467	1.02	0.82	0.34	0.49	23.29	48.24	19.35	5.10											3.95	0.07	
Reading	PA TOTAL(5)	12467	1.96	1.39	0.39		17.77	23.90	21.08	22.28	11.90	3.07											
Language	PA1(6)	12408	2.36	1.42	0.39	0.62	0.69	15.84	26.28	26.17	13.34	4.91	1.83								10.95	0.00	
Language	PA2(6)	12408	1.71	1.47	0.28	0.66	2.59	21.47	20.96	16.93	9.18	3.24	0.59								25.04	0.00	
Language	PA TOTAL(12)	12408	4.06	2.56	0.34		9.57	9.35	10.90	13.44	13.43	13.69	11.57	8.25	5.25	2.64	1.21	0.60	0.10				
Math	PA1(4)	12851	2.38	1.24	0.60	0.54	10.02	6.32	27.12	34.88	18.33										3.34	0.00	
Math	PA2(2)	12851	0.81	0.79	0.41	0.45	39.21	33.90	23.61												3.28	0.00	
Math	PA TOTAL(6)	12851	3.20	1.68	0.53		9.90	6.26	15.10	23.21	22.03	15.65	7.86										
Science	PA1(4)	13306	2.34	1.31	0.59	0.50	8.94	13.78	27.30	22.22	24.84										2.91	0.02	
Science	PA2(3)	13306	0.41	0.80	0.14	0.34	70.67	10.69	10.42	3.12											5.04	0.05	
Science	PA TOTAL(7)	13306	2.75	1.70	0.39		11.00	12.69	23.76	18.08	19.81	7.85	5.25	1.55									
Social	PA1(2)	12788	0.84	0.65	0.42	0.28	27.49	55.51	14.13												2.83	0.04	
Social	PA2(2)	12788	0.73	0.78	0.36	0.46	44.73	31.97	20.46												2.80	0.04	
Social	PA TOTAL(4)	12788	1.57	1.11	0.39		18.19	33.41	26.65	17.03	4.72												

New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point - Male

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv	
							0	1	2	3	4	5	6	7	8	9	10	11			12
Reading	PA1(2)	12884	0.74	0.80	0.37	0.59	42.39	28.74	22.86											5.92	0.09
Reading	PA2(3)	12884	0.89	0.79	0.30	0.49	26.71	47.38	14.95	3.82										6.98	0.17
Reading	PA TOTAL(5)	12884	1.63	1.33	0.33		24.68	26.44	21.48	17.83	7.58	2.00									
Language	PA1(6)	13300	1.97	1.45	0.33	0.61	1.22	20.17	25.53	20.53	9.72	3.60	1.26							17.98	0.00
Language	PA2(6)	13300	1.20	1.35	0.20	0.63	3.70	21.43	16.81	11.30	5.37	1.56	0.31							39.52	0.00
Language	PA TOTAL(12)	13300	3.17	2.48	0.26		16.69	14.35	14.39	12.94	12.38	10.08	8.10	5.60	2.88	1.61	0.73	0.20	0.05		
Math	PA1(4)	12974	2.17	1.31	0.54	0.57	14.07	7.78	26.94	31.54	15.24									4.42	0.01
Math	PA2(2)	12974	0.77	0.79	0.39	0.48	40.74	32.58	22.34											4.33	0.01
Math	PA TOTAL(6)	12974	2.94	1.77	0.49		14.10	7.67	16.09	22.11	19.09	13.72	7.22								
Science	PA1(4)	13082	2.41	1.28	0.60	0.51	6.65	12.44	26.03	26.11	24.60									4.14	0.04
Science	PA2(3)	13082	0.56	0.91	0.19	0.36	62.05	12.65	13.96	5.05										6.21	0.08
Science	PA TOTAL(7)	13082	2.97	1.76	0.42		10.13	10.72	20.56	19.19	20.64	9.88	6.58	2.29							
Social	PA1(2)	12585	0.82	0.64	0.41	0.29	27.06	55.58	13.42											3.93	0.00
Social	PA2(2)	12585	0.77	0.80	0.38	0.43	42.05	31.19	22.87											3.89	0.00
Social	PA TOTAL(4)	12585	1.59	1.12	0.40		18.21	31.66	27.41	18.01	4.71										

**New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point - Caucasian**

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv		
							0	1	2	3	4	5	6	7	8	9	10	11			12	
Reading	PA1(2)	6859	1.12	0.81	0.56	0.56	24.01	32.77	39.77												3.44	0.00
Reading	PA2(3)	6859	1.17	0.85	0.39	0.49	17.39	47.60	23.57	7.44											3.92	0.07
Reading	PA TOTAL(5)	6859	2.29	1.37	0.46		12.41	17.39	23.34	26.77	15.45	4.64										
Language	PA1(6)	6958	2.63	1.45	0.44	0.61	0.37	12.86	23.89	28.31	16.63	6.40	3.08								8.47	0.00
Language	PA2(6)	6958	1.97	1.56	0.33	0.66	2.36	18.65	20.62	18.58	12.78	5.02	0.93								21.05	0.00
Language	PA TOTAL(12)	6958	4.60	2.67	0.38		7.56	7.57	9.08	11.01	12.65	13.68	13.41	10.30	7.32	4.25	2.11	0.92	0.13			
Math	PA1(4)	7006	2.59	1.20	0.65	0.54	7.11	5.45	25.05	34.97	24.59										2.83	0.00
Math	PA2(2)	7006	0.97	0.83	0.48	0.47	33.20	31.12	32.90												2.78	0.00
Math	PA TOTAL(6)	7006	3.56	1.69	0.59		7.58	4.28	13.45	20.07	21.64	20.10	12.89									
Science	PA1(4)	6927	2.79	1.20	0.70	0.48	4.26	8.24	21.29	27.76	36.21										2.22	0.01
Science	PA2(3)	6927	0.72	1.00	0.24	0.30	57.20	14.31	17.74	7.42											3.33	0.00
Science	PA TOTAL(7)	6927	3.51	1.74	0.50		5.72	6.83	16.05	18.78	25.52	12.83	10.39	3.87								
Social	PA1(2)	6881	0.98	0.66	0.49	0.24	19.79	56.56	20.96												2.69	0.00
Social	PA2(2)	6881	1.00	0.80	0.50	0.41	28.82	36.75	31.77												2.66	0.00
Social	PA TOTAL(4)	6881	1.99	1.12	0.50		10.25	23.57	31.83	25.88	8.47											

New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point - Hispanic

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv	
							0	1	2	3	4	5	6	7	8	9	10	11			12
Reading	PA1(2)	13237	0.76	0.82	0.38	0.58	42.86	27.42	24.42											5.17	0.12
Reading	PA2(3)	13237	0.88	0.77	0.29	0.46	27.33	48.52	14.51	3.33										6.16	0.14
Reading	PA TOTAL(5)	13237	1.64	1.32	0.33		23.70	27.57	21.18	18.15	7.58	1.82									
Language	PA1(6)	13428	2.02	1.41	0.34	0.60	1.14	19.46	26.78	22.05	9.69	3.57	0.98							16.33	0.00
Language	PA2(6)	13428	1.26	1.33	0.21	0.63	3.40	22.14	18.28	12.68	5.21	1.35	0.24							36.70	0.00
Language	PA TOTAL(12)	13428	3.27	2.41	0.27		15.07	13.26	13.79	13.83	13.05	11.60	8.65	5.90	2.86	1.30	0.46	0.18	0.04		
Math	PA1(4)	13468	2.17	1.28	0.54	0.54	13.47	7.33	28.41	32.45	13.88									4.46	0.01
Math	PA2(2)	13468	0.73	0.77	0.36	0.44	42.46	33.35	19.81											4.37	0.01
Math	PA TOTAL(6)	13468	2.90	1.70	0.48		13.59	7.61	16.71	23.60	19.89	13.01	5.58								
Science	PA1(4)	13875	2.21	1.30	0.55	0.49	9.22	15.29	27.97	22.84	20.30									4.34	0.04
Science	PA2(3)	13875	0.40	0.78	0.13	0.34	68.94	10.91	10.21	2.74										7.11	0.09
Science	PA TOTAL(7)	13875	2.61	1.68	0.37		12.77	13.85	23.91	18.43	18.21	7.39	4.29	1.15							
Social	PA1(2)	13283	0.77	0.64	0.38	0.26	30.53	54.23	11.27											3.93	0.04
Social	PA2(2)	13283	0.69	0.77	0.34	0.41	46.33	30.74	19.01											3.88	0.04
Social	PA TOTAL(4)	13283	1.46	1.09	0.36		21.13	34.36	25.75	15.35	3.40										

**New Mexico High School Competency Exam, Spring 2009 (Form H)
Performance Assessment Item Analysis Data: Score Frequencies and Mean MC Score at each Score Point – Native American**

CONTENT	ITEM	N	MEAN	STD	PA Mean as % of Max	Item- Test Corr.	% at each Score Level												Omit	Inv		
							0	1	2	3	4	5	6	7	8	9	10	11			12	
Reading	PA1(2)	3319	0.52	0.75	0.26	0.53	57.91	21.51	15.28												5.30	0.00
Reading	PA2(3)	3319	0.78	0.74	0.26	0.42	32.03	47.63	11.99	2.26											5.94	0.15
Reading	PA TOTAL(5)	3319	1.30	1.20	0.26		30.01	33.56	18.62	12.32	4.73	0.75										
Language	PA1(6)	3365	1.73	1.30	0.29	0.57	1.13	24.55	28.05	17.30	7.16	1.87	0.48								19.47	0.00
Language	PA2(6)	3365	1.01	1.15	0.17	0.58	4.01	25.65	17.68	8.65	2.70	0.51	0.09								40.71	0.00
Language	PA TOTAL(12)	3365	2.74	2.14	0.23		16.91	16.61	17.03	15.39	13.37	9.18	6.15	3.09	1.43	0.45	0.27	0.09	0.03			
Math	PA1(4)	3379	2.06	1.30	0.51	0.51	16.87	9.06	26.66	32.44	11.51										3.46	0.00
Math	PA2(2)	3379	0.67	0.72	0.33	0.39	44.54	37.61	14.50												3.34	0.00
Math	PA TOTAL(6)	3379	2.72	1.67	0.45		14.74	9.80	16.57	24.12	20.75	10.09	3.94									
Science	PA1(4)	3598	2.22	1.27	0.55	0.42	10.06	13.59	31.24	23.12	19.07										2.92	0.00
Science	PA2(3)	3598	0.33	0.73	0.11	0.33	75.99	8.56	8.87	2.31											4.22	0.06
Science	PA TOTAL(7)	3598	2.55	1.60	0.36		12.28	12.37	27.63	19.73	17.09	6.39	3.75	0.75								
Social	PA1(2)	3262	0.80	0.61	0.40	0.26	28.63	58.43	10.67												2.27	0.00
Social	PA2(2)	3262	0.45	0.67	0.22	0.36	63.58	23.85	10.36												2.21	0.00
Social	PA TOTAL(4)	3262	1.24	0.98	0.31		22.62	44.30	21.49	9.29	2.30											