

Technical Report # 1214

The Development of CBM Vocabulary Measures:

Grade 7

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Abstract

In this technical report, we describe the development and piloting of a series of vocabulary assessments intended for use with students in grades two through eight. These measures, available as part of easyCBM™, an online progress monitoring and benchmark/screening assessment system, were developed in 2010 and administered to approximately 1200 students per grade from schools across the United States in the spring of 2011 using a common item design to allow all items to be estimated on the same scale within each grade level. We analyzed the results of the piloting using a one parameter logistic (1PL) Rasch analysis. Because the results of these analyses are quite lengthy, we present the results for each grade's analysis in its own technical report, all sharing a common abstract and introduction but unique methods, results, and discussion sections.

The Development of CBM Vocabulary Measures: Grade 7 (Technical Report 1214)

CBM assessments are a key component of many school improvement efforts, including the Response to Intervention (RTI) approach to meeting students' academic needs. In an RTI approach, teachers first administer a screening or benchmarking assessment to identify students who need supplemental interventions to meet grade-level expectations, then use a series of progress monitoring measures to evaluate the effectiveness of the interventions they provide the students. When students fail to show expected levels of progress (as indicated by 'flat line scores' or little improvement on repeated measures over time), teachers use this information to help them make instructional modifications with the goal of finding an intervention or combination of instructional approaches that will enable each student to make adequate progress toward achieving grade level proficiency and mastering content standards (McMaster, Fuchs, D., Fuchs, L.S., & Compton). In such a system, it is critical to have reliable measures that assess the target construct and are sensitive enough to detect improvement in skill over short periods of time. Because the term is relevant to our item writing efforts, we first provide a brief synthesis of the literature on 'universal design for assessment' before we describe the actual methods used in item creation, piloting, and evaluation.

Universal Design for Assessment

Universal Design for Assessment (UDA) is an approach to creating assessments in which test developers try to make their measures accessible to the widest possible population of students by incorporating design features that will reduce the barriers to students being able to interface successfully with the test items. In creating our mathematics items, we referred to both the National Center on Educational Outcomes' *A State Guide to the Development of Universally Designed Assessment* (Johnstone, Altman, & Thurlow, 2006) and the *Test Accessibility and*

Modification Inventory by Beddow, Kettler, and Elliott (2008).

Assessments that are universally designed encourage testing conditions that are accessible and fair to students with special needs as well as to those in the general education population. Universally designed assessments should: (a) measure true constructs while eliminating irrelevant ones, (b) recognize the diversity of the test-taker population, (c) be both concise and clear in their language, (d) have clear format and visual information, and (e) include the ability to change formatting without compromising the meaning or difficulty of the assessment results. Universally designed assessments aim to provide valid interpretation of all test-takers' abilities and skills, including those with disabilities (Johnstone, Altman, & Thurlow, 2006).

The principles of universal design for assessment guided our item creation efforts. In addition, we sought to reduce the cognitive complexity of our items by reducing the language and working memory load required to answer the test questions, and by consciously attempting to reduce the chance that extraneous information provided in the question stem or answer choices would confuse students. Our goal was to create vocabulary items that would be appropriate for use with students with a wide range of ability in the targeted construct as well as for English language learners.

Germane to our work here, it is important to emphasize that in an RTI model students are expected to be assessed on grade-level content standards, but the achievement standards set for students receiving intensive intervention assistance may not be as high as those set for students from the general education population. Thus, in developing our vocabulary item bank, we sought to create items that would appropriately target the grade-level content standards yet would do so in a way that would render them accessible to a wider range of student ability than might be

typically expected of assessment items. Our focus on reducing the cognitive and linguistic complexity of items as well as on designing the computer interface and features of the items themselves to reduce the impact of construct irrelevant barriers to student understanding was intended to provide a bank of items from which we could draw vocabulary problems representing a wide range of difficulty yet all aligned to grade-level content standards.

Methods

In this technical report, we explain the development of vocabulary CBMs designed for use with students in grades 2-8. This development included three key steps: (a) creating an item bank, (b) piloting all items in the item bank to determine their difficulty, reliability, and appropriateness for use with the intended grade level, and (c) organizing the items into a series of benchmark and progress monitoring assessments. We begin by describing the process of item creation, including background about the item specifications and guidance given to item writers during the development of the individual vocabulary items. Then, we explain the piloting of the vocabulary items. We outline the process we used to create multiple comparable alternate forms of progress monitoring and benchmarking assessments using the item bank information.

Item Development

We used the Oregon State Standards for Vocabulary as the basis for our item creation. All items were written to target one sub-domain within a particular Vocabulary Standard, with item-writers specifically referencing the intended sub-domain in the item database during item writing.

Item writer qualifications. Eight item writers were recruited from across Oregon and California. These individuals had experience in teaching and English language arts. Five of the item writers had worked extensively with students in Special Education programs and were

familiar with their educational needs. Specific background information is provided about each of the item writers. Item writer #1 had a Master's degree in Special Education. She had taught pre-Kindergarten through 5th grade and had completed 2.5 years of research work in assessment. Item writer #2 had the following qualifications: BS in Elementary Education with a Reading Endorsement; work experience with students in kindergarten and elementary grades and preschoolers with special needs; teaching experience as a substitute teacher and tutor for adults. Item writer #3 had also consulted and developed curriculum professionally. Item writer #3 had extensive experience tutoring students with disabilities and working with students in grades K-8. Item writer #4 had a BA in Health Education, a Master's of Arts in Teaching (K-8 Elementary Endorsement), and additional university credits for math education. She had 13 years experience teaching students in first through fourth grade.

Item writer #5 was a retired middle school teacher who had taught students with special needs. She had a BS in Elementary Education with a Reading Endorsement (K-12) and had 25 years of teaching experience. Item writer #6 held a Master's degree in Special Education and a BA in Developmental Psychology. Her experiences included: working as a Special Education teacher and Program Coordinator for a social service program; eight years of supporting individuals with developmental disabilities; and designing functional academic curricula in mathematics, reading, and social skills.

Item writer #7, a fifth-year Ph.D. candidate in developmental psychology, had a Bachelor's and a Master's degree also in developmental psychology. While item writer #7 had completed relevant coursework such as statistics, research methods, developmental psychology, language acquisition, linguistics, and social cognition, she had also taught undergraduate-level courses including Child Development, Cognitive Development, and Language Acquisition.

Finally, item writer #8 received a BA in Humanities with a concentration in Education and a Master's in Special Education. He had 3 years of experience teaching English in grades K-16 and was working in a research organization on projects related to assessments at the time he was writing mathematics items for this project. All item writers started the writing process in October 2008. The item bank was completed in May 2009.

Guidance given to item writers. Item writers were informed that the goal of this project was to create vocabulary items that would be appropriate for students struggling in grade-level reading materials in addition to items that would be appropriate for students who were performing at grade level expectations. In describing this student population, they were told to picture students with very low academic performance, who receive special education services, and who would also likely receive significant support in the general education classrooms. In addition, they were instructed to write some items that would be appropriate for students who were successfully working at grade-level expectations. In other words, they were asked to write items that covered a range of student ability and skill level.

Item writers were provided specific guidelines on how they should approach the item writing process. Two major points were emphasized: (a) the importance of writing items that reduced the cognitive complexity of the tasks, and (b) the need to preserve the integrity of the items by connecting them to grade-level content standards. Although the item-writers were told that researchers are still operationally defining the meaning of 'reducing cognitive complexity', they were given some basic ideas to consider while completing the item-writing tasks.

They were strongly encouraged to use simple language (short words and declarative sentences). The emphasis on simple language was designed to reduce the chance that words would present a barrier to assessing students' ability to demonstrate their vocabulary

knowledge. The overall goal in item writing was to focus students' attention on a single idea. Therefore, it was essential for item writers to: (a) have in-depth understanding of the material, (b) spend time thinking of their audience, (c) be clear and concise in their writing, and (d) avoid irrelevant language and clues when writing the items.

Other specific guidelines provided to item writers included the following: (a) keep grammar structure parallel between a question and each answer option; (b) keep answer options similar in length and complexity levels; and (c) ensure that all answer choices are mutually exclusive.

To increase the alignment between items in consecutive grade levels, the year-long task of writing approximately 800 items per grade level was divided into 40 sets, 20 per three-grade span. Each set of items included 20 vocabulary words per grade (60 total per set). Thus, for each set of items, each item writer wrote vocabulary problems addressing similar Vocabulary Standards for three grades. Item writers completed their work on separate Excel files that were pre-formatted and named by the researchers. Item writers were encouraged to write items so that the difficulty level progressed smoothly from grade to grade. They were asked to create multiple-choice test items with three answer choices to address the Standards.

Although examples of test items were given, item writers were given the freedom to devise comparable questions that met the Standards. Because copies of the general and specific Standards were provided to the item writers, they were expected to study and understand the Standards' requirements. Item writers were reminded of the importance of producing items that met the Standards with the following characteristics: (a) items should be simple, direct, and in the most basic form of the Standard requirements; (b) complexity should be reduced whenever possible; (c) items should use vocabulary, background knowledge and topics appropriate for

students in the target grade level; and (d) the language should be simple, avoiding use of idioms, long words, passive voice, and unnecessary clauses. Item writers were provided the EDL Core Vocabulary list as a reference for determining appropriate grade-level words to use in items and distractors. Finally, researchers stressed the importance of creating original items, although item writers were given print and online resources as sources of inspiration, ideas, or information.

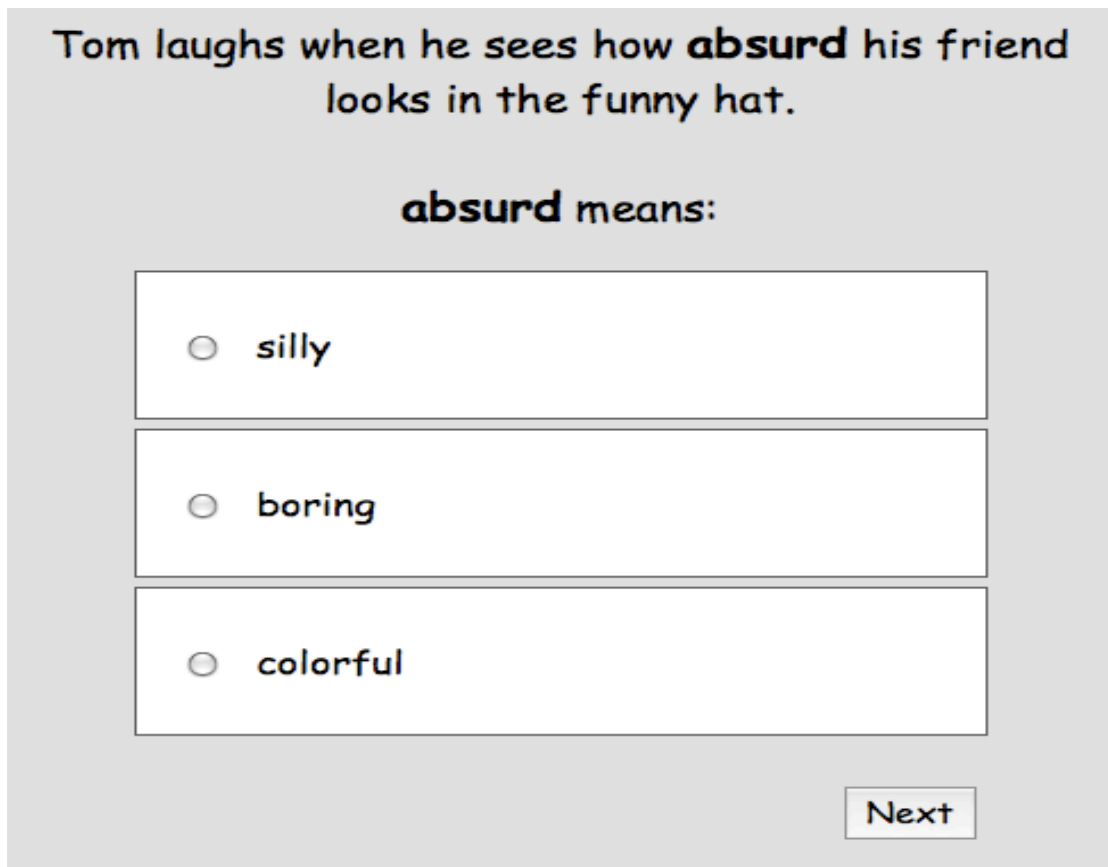
In writing the distractors, item writers were reminded to maintain three answer choices that were similar in length and complexity level, differing only in content. When constructing incorrect choices, they were informed that these distractors should be relevant to the sentence. Item writers were requested to use related words or concepts in the distractors, so that each answer choice appeared to be a relevant option.

Design of computer interface. Because these items were designed specifically for use in online computer delivered assessments, the research team worked closely with the computer programmer to ensure that the items would be able to be displayed appropriately in an online testing environment. The computer programmer provided guidance in the original item writing specifications, assisting with the development of computer code to enable a reliable and efficient transfer of the items from the Excel files provided by the item writers to the computer database and subsequent online display of the items.

Items were designed to be displayed one at a time on the screen, with a sentence in which the target vocabulary word is bolded appearing in the center of the screen and the three answer options below, but also displayed on the same screen (see Figure 1). Students select their answer by clicking anywhere in the large rectangular area corresponding with the answer option they want to pick. Once they are satisfied with their response, they click the “Next” button at the bottom right corner of their screen, and the computer displays the next item.

The size of the question stem and answer options is optimized for display without requiring any ‘scrolling’ to view all parts of the question and all possible answer options. However, should they need to enlarge the text to enable them to read it better, students are able to magnify the size of the display by adjusting their computer’s view to zoom in. The program is designed to be compatible with Firefox, Safari (on a Mac Operating System), and Internet Explorer (on a Windows Operating System).

Each time a question is displayed, the computer randomizes the order of the answer options. Thus, even when two students are looking at the same question at the same time, it is likely that the answer options will appear in a different order on the bottom of their screen. This random display feature built into the programming helps reduce the impact of cheating.



Tom laughs when he sees how **absurd his friend looks in the funny hat.**

absurd means:

- silly
- boring
- colorful

Next

Figure 1
Sample Question Illustrating Computer Display of Item

Item Review Process

A team of six researchers reviewed all items beginning June 2009. These researchers all had experience with assessment and item creation. Two of the researchers had earned doctorates in education, one with an emphasis on assessments. One of the researchers had a Master's in Special Education and had participated in a special program throughout his graduate studies focused on educational assessments. He had been the primary contact for the item writers for the previous year and was very familiar with the project. Of the remaining three researchers, one was a Ph.D. student in Educational Leadership, one was a Master's student in Speech Language Pathology, and one was a full-time research assistant at a research institute at the university where this research was conducted.

During the item review process, the researchers studied specific aspects of the items, including general clarity and alignment with the standards, formatting, wording, and answer choices. Researchers reviewed the items individually and as a group. Each researcher spent on average ten hours per week from June to August 2009 reviewing items individually. Beginning in July and continuing for the next several months, the team met regularly as a group in 2-3 hour meetings, several days per week. During group reviews, the team focused primarily on standardizing formats, verifying answer choices, and identifying errors. As errors were found, they were corrected, resulting in approximately 5600 items to be piloted in school year 2010/2011.

Item Piloting

Districts interested in participating in the piloting were provided a letter of introduction that described the piloting process and explained that to protect confidentiality, no identifying information would be collected on students, teachers, schools, or districts participating in the

piloting. Districts that opted to participate in the piloting agreed to have their students complete a series of pilot test items (which included both 20 vocabulary items and 15 short passage reading items in conjunction with their spring 2011 benchmark assessments. In these districts, students first completed the pilot items and then were administered their regular benchmark assessments. Because all assessments were administered by computer, the order in which the assessments were administered was controlled by the online piloting system. In all cases, students were administered a series of anchor items (5 vocabulary items) then 15 additional vocabulary items, randomly selected by the computer from the larger database of grade-level vocabulary items, then another series of anchor items (5 short reading passage items), followed by an additional 10 short reading passage items, again drawn randomly by the computer program from the larger database of grade-level short reading passage items. Upon completion of all pilot items, students were administered their regular spring benchmark assessments in reading.

These anchor items, selected for their range of difficulty and coverage of a variety of standards within a grade level, were kept constant to allow for calibrating all items within a grade level to the same scale. In keeping with Kolen and Brennan's (2004) recommendation, these anchor items always appeared in the same order and place on each test.

Data Analysis

To analyze the items, we used a 1PL Rasch model and the software Winsteps (Linacre, 2006). We chose the one parameter model rather than a more complicated one for our analysis out of a desire for parsimony and because it appears to fit the data quite well. Key item parameters we analyzed include *Mean Square Outfit* (items falling outside the desired range of 0.50 to 1.50 were examined in greater detail before being retained in the item bank for future use, *Standard Error of Measure*, and *Measure* (an estimate of the item's difficulty). In addition to

these item parameters, we also analyzed how the distractors functioned. In all cases, we sought to retain for our item bank items where students with the highest average estimated ability selected the correct answer choice, while students with lower average estimated ability selected the two other answer choices. We also sought items with a wide range of difficulty, cognizant of the need to have enough items to use for assessments designed for use with students receiving special education assistance as well as with students from the general education population.

Results

Data from each grade level were analyzed separately. The results of these analyses are reported separately by grade, each in its own technical report. Although no items were specifically written for use in grade 7, a number of extremely easy items were identified through the piloting process and were thus organized into vocabulary measures appropriate for students in seventh grade.

Of the Grade 7 items, 165 were over-fit (Mean Square Outfit ranging from 0.06 to 0.49 with an average Mean Square Outfit of 0.31). Of these, 163 items were retained for the item bank because distractor analysis indicated that they were functioning appropriately (students with the highest average estimated ability selected the correct answer choice, while students with lower estimated ability selected distractors). In addition to the over-fit items, 26 items were under-fit (Mean Square Outfit ranging from 1.52 to 5.12 with an average Mean Square Outfit of 2.00). Because distractor analysis indicated that all under-fit items were not functioning appropriately (students with the highest average estimated ability did not select the correct answer choice, while students with lower estimated ability selected the correct answer choice), all under-fit items were removed from the Grade 7 item bank. Additionally, there was one item where both distractors (incorrect answer options) were not chosen by any student. This item was removed

from the Grade 7 item bank because both distractors were not functioning as intended. In all, 29 items were removed from the Grade 7 item bank because distractor analysis indicated inadequate item and/or distractor functioning. Table 1 presents the results of the Rasch analysis for the Grade 7 items, while Table 2 presents the results of distractor analysis.

Discussion

We used the results of the Rasch analysis to select items from the item bank to use in the creation of ten alternate forms of progress monitoring measures and three benchmark screener forms appropriate for use with students in fourth grade, resulting in a total of 13 seventh-grade vocabulary measures. Each form of the measures was comprised of 20 items, and all alternate forms are designed to be of comparable difficulty, as determined by calculating the mean *measure* of the items on each form.

Mean measure of forms 1 – 10 of the Vocabulary progress monitoring measures range from -0.17 to -0.14, with an average of -0.15 across all ten forms. Mean measure of the Vocabulary Benchmark measures range from -0.16 to -0.14, with an average of -0.15 across all three forms. Table 3 lists information about each of the alternate forms of the vocabulary measures for seventh grade. However, because the sample size for the analysis was small for this initial pilot study, we are aware that the interpretation of the results should be made with extreme caution. In the future, additional analyses will be conducted when enough data are gathered for validation purpose.

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Table 1a
Item Information and Statistics, Gr7Vocab1 (Mean Measure = -0.16)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_75097	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.03	68	0.63	0.24	1.17
2	Vocab_It m_75766	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.89	69	0.75	0.18	1.16
3	Vocab_It m_75557	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.02	68	0.50	1.37	0.87
4	Vocab_It m_85139	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.96	58	0.61	0.38	1.13
5	Vocab_It m_75815	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.35	69	0.33	0.79	1.09
6	Vocab_It m_75013	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.49	69	0.34	1.20	0.91
7	Vocab_It m_75510	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.54	69	0.30	1.27	0.68
8	Vocab_It m_75691	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.68	68	0.29	1.19	0.39
9	Vocab_It m_75151	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.50	69	0.56	0.45	1.10
10	Vocab_It m_85098	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.39	58	0.76	0.17	1.23

Table 1a

Item Information and Statistics, Gr7Vocab1 (Mean Measure = -0.16) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75331	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.70	67	0.46	0.51	1.13
12	Vocab_Item_75725	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.52	68	0.45	0.87	1.04
13	Vocab_Item_75376	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.55	68	0.36	0.75	1.19
14	Vocab_Item_75687	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.15	69	0.36	0.83	1.11
15	Vocab_Item_75280	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.82	68	0.31	0.89	1.13
16	Vocab_Item_75420	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.02	69	0.31	1.12	0.89
17	Vocab_Item_75227	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.15	67	0.39	0.55	1.16
18	Vocab_Item_75020	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.80	68	0.35	0.75	1.22
19	Vocab_Item_75095	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.31	69	0.40	1.33	0.84
20	Vocab_Item_75681	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.20	68	0.51	0.39	1.15

Table 1b
Item Information and Statistics, Gr7Vocab2 (Mean Measure = -0.17)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_75097	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.03	68	0.63	0.24	1.17
2	Vocab_Item_75692	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-2.03	68	0.75	0.15	1.19
3	Vocab_Item_75557	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.02	68	0.50	1.37	0.87
4	Vocab_Item_85866	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.02	58	0.63	0.19	1.24
5	Vocab_Item_75815	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.35	69	0.33	0.79	1.09
6	Vocab_Item_75323	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.36	69	0.36	1.12	0.97
7	Vocab_Item_75510	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.54	69	0.30	1.27	0.68
8	Vocab_Item_75875	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.54	68	0.29	0.91	1.13
9	Vocab_Item_85136	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.52	58	0.64	0.23	1.20
10	Vocab_Item_75278	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.42	68	0.62	1.30	0.96

Table 1b

Item Information and Statistics, Gr7Vocab2 (Mean Measure = -0.17) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75556	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.67	68	0.45	0.32	1.34
12	Vocab_Item_75816	EL.07.RE.10 Determine meanings of words using contextual and structural clues. EL.07.RE.11 Demonstrate understanding of idioms and	-0.49	68	0.47	0.80	0.96
13	Vocab_Item_75776	comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.58	68	0.35	1.01	1.01
14	Vocab_Item_75367	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.17	67	0.36	0.52	1.38
15	Vocab_Item_75502	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.90	2673	0.05	1.33	0.52
16	Vocab_Item_75063	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.12	68	0.31	0.98	1.02
17	Vocab_Item_75464	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.12	67	0.41	1.15	1.03
18	Vocab_Item_75467	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.89	68	0.32	1.14	0.87
19	Vocab_Item_75334	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.26	68	0.39	0.85	0.97
20	Vocab_Item_75330	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.17	68	0.55	0.74	0.96

Table 1c
Item Information and Statistics, Gr7Vocab3 (Mean Measure = -0.17)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_75692	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-2.03	68	0.75	0.15	1.19
2	Vocab_It m_85640	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.03	58	1.02	0.32	1.06
3	Vocab_It m_85866	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.02	58	0.63	0.19	1.24
4	Vocab_It m_75058	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.00	69	0.55	0.43	1.12
5	Vocab_It m_75323	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.36	69	0.36	1.12	0.97
6	Vocab_It m_75588	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.36	68	0.35	0.90	1.05
7	Vocab_It m_75875	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.54	68	0.29	0.91	1.13
8	Vocab_It m_75007	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.54	68	0.31	0.60	1.64
9	Vocab_It m_85558	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.51	57	0.76	0.28	1.14
10	Vocab_It m_85103	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.38	58	0.75	0.21	1.18

Table 1c

Item Information and Statistics, Gr7Vocab3 (Mean Measure = -0.17) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75181	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.78	68	0.42	1.01	0.95
12	Vocab_Item_75874	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.57	68	0.41	1.01	1.15
13	Vocab_Item_75739	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.60	68	0.33	0.86	1.18
14	Vocab_Item_75868	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.19	68	0.40	0.82	0.99
15	Vocab_Item_75418	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	2.07	67	0.29	1.39	0.40
16	Vocab_Item_75694	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.04	67	0.32	0.86	1.03
17	Vocab_Item_75599	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.14	69	0.36	0.59	1.24
18	Vocab_Item_75191	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.87	68	0.32	1.03	0.86
19	Vocab_Item_75554	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.26	68	0.40	0.59	1.16
20	Vocab_Item_75010	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.17	69	0.48	0.37	1.20

Table 1d
Item Information and Statistics, Gr7Vocab4 (Mean Measure = -0.16)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_85640	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.03	58	1.02	0.32	1.06
2	Vocab_It m_75276	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.02	68	0.62	0.28	1.15
3	Vocab_It m_75058	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.00	69	0.55	0.43	1.12
4	Vocab_It m_75785	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.00	68	0.55	0.40	1.16
5	Vocab_It m_75588	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.36	68	0.35	0.90	1.05
6	Vocab_It m_75551	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.37	68	0.34	1.27	0.74
7	Vocab_It m_75007	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.54	68	0.31	0.60	1.64
8	Vocab_It m_75737	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.56	67	0.30	1.09	0.77
9	Vocab_It m_75417	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.50	67	0.56	0.90	1.11
10	Vocab_It m_75104	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.44	68	0.56	0.44	1.09

Table 1d

Item Information and Statistics, Gr7Vocab4 (Mean Measure = -0.16) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75461	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.78	68	0.46	1.05	1.03
12	Vocab_Item_75018	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.56	69	0.45	0.42	1.20
13	Vocab_Item_75230	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.61	68	0.33	1.21	0.76
14	Vocab_Item_75141	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.20	69	0.38	1.03	1.05
15	Vocab_Item_75820	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	2.12	69	0.28	1.19	0.75
16	Vocab_Item_75774	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.06	68	0.31	0.97	0.95
17	Vocab_Item_75244	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.14	68	0.40	0.56	1.23
18	Vocab_Item_75505	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.87	67	0.33	0.96	1.01
19	Vocab_Item_75150	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.26	69	0.41	0.42	1.29
20	Vocab_Item_75591	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.16	68	0.50	0.52	1.17

Table 1e

Item Information and Statistics, Gr7Vocab5 (Mean Measure = -0.17)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_75276	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.02	68	0.62	0.28	1.15
2	Vocab_It m_85420	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.02	57	0.75	0.23	1.14
3	Vocab_It m_75785	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.00	68	0.55	0.40	1.16
4	Vocab_It m_75273	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.00	68	0.50	0.32	1.22
5	Vocab_It m_75551	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.37	68	0.34	1.27	0.74
6	Vocab_It m_75184	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.38	68	0.34	0.79	1.16
7	Vocab_It m_75737	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.56	67	0.30	1.09	0.77
8	Vocab_It m_75639	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.59	68	0.30	1.32	0.47
9	Vocab_It m_75453	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.50	68	0.56	0.46	1.15
10	Vocab_It m_85556	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.41	58	0.64	0.31	1.13

Table 1e

Item Information and Statistics, Gr7Vocab5 (Mean Measure = -0.17) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_It m_75421	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.69	67	0.47	0.69	0.98
12	Vocab_It m_75778	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.52	68	0.42	0.85	0.99
13	Vocab_It m_75813	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.56	69	0.32	1.21	0.68
14	Vocab_It m_75335	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.15	68	0.36	0.79	1.16
15	Vocab_It m_75501	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.85	68	0.29	0.81	1.27
16	Vocab_It m_75631	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.03	68	0.33	0.90	1.05
17	Vocab_It m_75504	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.14	66	0.40	1.24	0.80
18	Vocab_It m_75635	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.87	68	0.33	1.15	0.88
19	Vocab_It m_75232	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.25	69	0.41	1.05	0.83
20	Vocab_It m_85327	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.16	58	0.58	0.96	0.96

Table 1f
Item Information and Statistics, Gr7Vocab6 (Mean Measure = -0.14)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_85420	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.02	57	0.75	0.23	1.14
2	Vocab_It m_85685	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.02	58	0.82	0.20	1.15
3	Vocab_It m_75273	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.00	68	0.50	0.32	1.22
4	Vocab_It m_85691	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.00	58	0.64	0.22	1.23
5	Vocab_It m_75184	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.38	68	0.34	0.79	1.16
6	Vocab_It m_75723	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.40	69	0.37	0.87	1.01
7	Vocab_It m_75639	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.59	68	0.30	1.32	0.47
8	Vocab_It m_75721	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.29	1.19	0.68
9	Vocab_It m_75281	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.53	68	0.56	0.25	1.20
10	Vocab_It m_75234	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.44	69	0.54	0.33	1.16

Table 1f

Item Information and Statistics, Gr7Vocab6 (Mean Measure = -0.14) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Ite m_75460	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.77	69	0.48	0.41	1.20
12	Vocab_Ite m_75469	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.54	68	0.42	0.31	1.36
13	Vocab_Ite m_75782	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.63	69	0.33	0.69	1.28
14	Vocab_Ite m_75825	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.22	68	0.36	0.68	1.18
15	Vocab_Ite m_75600	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	2.25	65	0.31	0.97	1.04
16	Vocab_Ite m_75545	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.13	69	0.32	0.70	1.38
17	Vocab_Ite m_75017	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.12	68	0.39	1.06	1.07
18	Vocab_Ite m_75726	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.90	69	0.32	1.16	0.86
19	Vocab_Ite m_75648	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.24	75	0.38	1.46	0.69
20	Vocab_Ite m_85058	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.16	58	0.63	0.59	1.08

Table 1g
Item Information and Statistics, Gr7Vocab7 (Mean Measure = -0.14)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_85685	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.02	58	0.82	0.20	1.15
2	Vocab_It m_75287	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.99	69	0.75	0.39	1.09
3	Vocab_It m_85691	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.00	58	0.64	0.22	1.23
4	Vocab_It m_75736	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.99	68	0.51	0.44	1.12
5	Vocab_It m_75723	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.40	69	0.37	0.87	1.01
6	Vocab_It m_75282	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.41	68	0.36	1.04	0.83
7	Vocab_It m_75721	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.29	1.19	0.68
8	Vocab_It m_75286	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.63	68	0.29	1.05	0.83
9	Vocab_It m_75590	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.55	68	0.63	0.15	1.25
10	Vocab_It m_75466	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.42	67	0.55	0.56	1.12

Table 1g
Item Information and Statistics, Gr7Vocab7 (Mean Measure = -0.14) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75596	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.75	71	0.46	0.74	1.12
12	Vocab_Item_75199	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.55	68	0.42	0.63	1.13
13	Vocab_Item_75546	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.62	69	0.32	1.27	0.96
14	Vocab_Item_75859	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.20	68	0.35	0.69	1.24
15	Vocab_Item_75329	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	2.15	68	0.30	1.07	0.86
16	Vocab_Item_75730	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.08	68	0.31	1.16	0.73
17	Vocab_Item_75009	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.13	69	0.39	1.08	0.99
18	Vocab_Item_75550	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.88	67	0.34	0.96	0.99
19	Vocab_Item_75145	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.26	68	0.40	0.81	1.05
20	Vocab_Item_75738	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.17	68	0.54	0.43	1.09

Table 1h
Item Information and Statistics, Gr7Vocab8 (Mean Measure = -0.15)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_75287	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.99	69	0.75	0.39	1.09
2	Vocab_Item_85152	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.97	58	0.78	0.26	1.13
3	Vocab_Item_75736	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.99	68	0.51	0.44	1.12
4	Vocab_Item_75587	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.98	68	0.63	0.62	1.13
5	Vocab_Item_75282	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.41	68	0.36	1.04	0.83
6	Vocab_Item_75513	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.43	68	0.38	0.95	0.99
7	Vocab_Item_75286	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.63	68	0.29	1.05	0.83
8	Vocab_Item_75632	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.31	0.87	1.17
9	Vocab_Item_85140	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.54	58	0.74	0.26	1.13
10	Vocab_Item_75647	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.44	68	0.51	0.24	1.25

Table 1h

Item Information and Statistics, Gr7Vocab8 (Mean Measure = -0.15) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Item_75236	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.75	69	0.48	0.54	1.13
12	Vocab_Item_75289	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.54	68	0.40	0.61	1.16
13	Vocab_Item_75784	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.62	68	0.34	1.06	0.96
14	Vocab_Item_75822	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.21	67	0.35	1.06	1.06
15	Vocab_Item_75498	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	2.18	68	0.30	0.77	1.46
16	Vocab_Item_75686	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.93	68	0.34	1.28	0.77
17	Vocab_Item_75864	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.16	68	0.38	0.98	0.94
18	Vocab_Item_75781	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.77	68	0.32	1.31	0.58
19	Vocab_Item_75499	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.31	68	0.42	1.04	1.02
20	Vocab_Item_75065	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.20	68	0.55	0.21	1.24

Table 1i
Item Information and Statistics, Gr7Vocab9 (Mean Measure = -0.14)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_85152	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.97	58	0.78	0.26	1.13
2	Vocab_Item_85195	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.94	58	0.77	0.19	1.14
3	Vocab_Item_75587	EL.07.RE.10 Determine meanings of words using contextual and structural clues. EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-0.98	68	0.63	0.62	1.13
4	Vocab_Item_85872	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.98	58	0.62	0.66	1.02
5	Vocab_Item_75513	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.43	68	0.38	0.95	0.99
6	Vocab_Item_75332	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.46	68	0.34	0.84	1.06
7	Vocab_Item_75632	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.31	0.87	1.17
8	Vocab_Item_75724	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.30	0.78	1.34
9	Vocab_Item_75680	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.55	68	0.57	0.44	1.03
10	Vocab_Item_75407	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.39	68	0.55	1.09	0.92

Table 1i
Item Information and Statistics, Gr7Vocab9 (Mean Measure = -0.14) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_Ite m_75322	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.75	68	0.50	0.36	1.21
12	Vocab_Ite m_75603	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.54	68	0.43	0.37	1.29
13	Vocab_Ite m_75451	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.63	69	0.33	0.73	1.30
14	Vocab_Ite m_75649	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.21	68	0.35	0.74	1.11
15	Vocab_Ite m_75008	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	2.20	68	0.28	0.85	1.26
16	Vocab_Ite m_75455	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.96	67	0.32	1.42	0.54
17	Vocab_Ite m_75019	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.16	68	0.44	0.68	1.11
18	Vocab_Ite m_75728	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.77	68	0.33	0.95	0.94
19	Vocab_Ite m_75200	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.30	68	0.41	1.20	0.87
20	Vocab_Ite m_85181	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.20	58	0.63	0.39	1.17

Table 1j
Item Information and Statistics, Gr7Vocab10 (Mean Measure = -0.14)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_85195	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.94	58	0.77	0.19	1.14
2	Vocab_Item_75689	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.93	69	0.62	0.24	1.17
3	Vocab_Item_85243	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-0.98	58	0.71	0.58	1.08
4	Vocab_Item_85872	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-0.98	58	0.62	0.66	1.02
5	Vocab_Item_75332	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.46	68	0.34	0.84	1.06
6	Vocab_Item_75598	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.47	67	0.39	0.69	1.19
7	Vocab_Item_75724	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.63	68	0.30	0.78	1.34
8	Vocab_Item_75182	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.65	69	0.29	1.25	0.77
9	Vocab_Item_75406	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.56	68	0.63	0.24	1.15
10	Vocab_Item_75015	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.43	68	0.61	0.72	1.03

Table 1j

Item Information and Statistics, Gr7Vocab10 (Mean Measure = -0.14) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_It m_75099	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.67	68	0.47	1.03	0.91
12	Vocab_It m_75198	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.49	67	0.45	0.33	1.29
13	Vocab_It m_75316	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.59	68	0.33	0.77	1.18
14	Vocab_It m_75544	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.17	68	0.39	0.52	1.25
15	Vocab_It m_75152	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.90	68	0.29	1.04	0.90
16	Vocab_It m_75242	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.11	69	0.31	0.95	1.00
17	Vocab_It m_75676	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.13	69	0.36	0.52	1.24
18	Vocab_It m_75363	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.88	69	0.32	0.86	1.07
19	Vocab_It m_75373	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.33	68	0.44	0.55	1.16
20	Vocab_It m_75597	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.20	69	0.56	1.16	0.89

Table 1k

Item Information and Statistics, Gr7Vocab Benchmark 1 (Mean Measure = -0.16)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_75689	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.93	69	0.62	0.24	1.17
2	Vocab_Item_85548	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.93	57	0.78	0.44	1.04
3	Vocab_Item_75500	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.97	69	0.46	0.51	1.09
4	Vocab_Item_85243	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-0.98	58	0.71	0.58	1.08
5	Vocab_Item_75598	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.47	67	0.39	0.69	1.19
6	Vocab_Item_75064	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.48	68	0.32	1.43	0.56
7	Vocab_Item_75182	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.65	69	0.29	1.25	0.77
8	Vocab_Item_75558	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.65	68	0.28	1.23	0.54
9	Vocab_Item_75001	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.57	68	0.56	0.22	1.22
10	Vocab_Item_85232	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.42	57	0.63	0.67	1.09

Table 1k

Item Information and Statistics, Gr7Vocab Benchmark 1 (Mean Measure = -0.16) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_It m_75425	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.74	68	0.44	0.98	1.02
12	Vocab_It m_75512	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.53	68	0.43	0.33	1.34
13	Vocab_It m_75155	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.55	69	0.35	0.78	1.12
14	Vocab_It m_75465	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.15	69	0.38	0.90	1.07
15	Vocab_It m_75865	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.81	68	0.31	1.14	0.65
16	Vocab_It m_75415	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.00	67	0.30	1.24	0.60
17	Vocab_It m_75830	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.15	69	0.41	0.81	1.06
18	Vocab_It m_75093	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.80	69	0.32	1.28	0.71
19	Vocab_It m_75645	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.30	68	0.46	1.03	0.92
20	Vocab_It m_75514	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.19	70	0.57	0.42	1.10

Table 11
Item Information and Statistics, Gr7Vocab Benchmark 2 (Mean Measure = -0.16)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_Item_85548	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.93	57	0.78	0.44	1.04
2	Vocab_Item_75149	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.89	69	0.74	0.79	0.96
3	Vocab_Item_75688	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.97	68	0.49	0.44	1.17
4	Vocab_Item_75500	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.97	69	0.46	0.51	1.09
5	Vocab_Item_75734	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.48	68	0.34	0.68	1.28
6	Vocab_Item_75064	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.48	68	0.32	1.43	0.56
7	Vocab_Item_75558	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.65	68	0.28	1.23	0.54
8	Vocab_Item_75812	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.66	67	0.31	0.77	1.41
9	Vocab_Item_75002	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.57	68	0.55	1.13	1.01
10	Vocab_Item_75183	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.41	69	0.63	0.51	1.08

Table 11

Item Information and Statistics, Gr7Vocab Benchmark 2 (Mean Measure = -0.16) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_It m_75541	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.73	69	0.47	0.63	1.05
12	Vocab_It m_75496	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.53	68	0.41	0.78	1.10
13	Vocab_It m_75633	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.55	68	0.34	1.05	1.01
14	Vocab_It m_75423	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.14	68	0.39	0.69	1.16
15	Vocab_It m_75769	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.81	68	0.29	1.24	0.58
16	Vocab_It m_75779	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.96	71	0.31	1.18	0.89
17	Vocab_It m_75731	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.15	69	0.38	0.92	0.99
18	Vocab_It m_75586	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.79	68	0.32	0.96	1.01
19	Vocab_It m_75454	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.29	68	0.39	0.49	1.23
20	Vocab_It m_85329	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.19	58	0.56	0.40	1.20

Table 1m

Item Information and Statistics, Gr7Vocab Benchmark 3 (Mean Measure = -0.14)

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
1	Vocab_It m_75149	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.89	69	0.74	0.79	0.96
2	Vocab_It m_75766	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.89	69	0.75	0.18	1.16
3	Vocab_It m_85139	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.96	58	0.61	0.38	1.13
4	Vocab_It m_75688	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.97	68	0.49	0.44	1.17
5	Vocab_It m_75013	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.49	69	0.34	1.20	0.91
6	Vocab_It m_75734	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.48	68	0.34	0.68	1.28
7	Vocab_It m_75812	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.66	67	0.31	0.77	1.41
8	Vocab_It m_75691	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.68	68	0.29	1.19	0.39
9	Vocab_It m_85187	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.58	58	0.62	0.32	1.14
10	Vocab_It m_75503	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.41	69	0.60	0.40	1.11

Table 1m

Item Information and Statistics, Gr7Vocab Benchmark 3 (Mean Measure = -0.14) Cont.

Item	Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
11	Vocab_It m_75685	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.71	68	0.48	0.22	1.33
12	Vocab_It m_75186	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.49	68	0.47	1.02	1.02
13	Vocab_It m_75553	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.56	69	0.34	0.95	1.00
14	Vocab_It m_75858	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.15	68	0.36	0.69	1.06
15	Vocab_It m_75143	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.86	69	0.28	1.27	0.35
16	Vocab_It m_75463	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.96	69	0.31	1.23	0.74
17	Vocab_It m_75824	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.15	69	0.38	0.95	0.96
18	Vocab_It m_75777	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.79	67	0.32	1.03	0.91
19	Vocab_It m_75238	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.26	69	0.40	0.96	0.99
20	Vocab_It m_85595	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.18	57	0.65	0.33	1.19

Table 1n
Item Information and Statistics, Unassigned Items

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75003	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.32	69	0.78	0.15	1.18
Vocab_It m_75004	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.92	2824	0.08	0.81	1.05
Vocab_It m_75006	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.11	68	0.39	0.67	1.05
Vocab_It m_75011	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.29	68	0.32	1.44	0.32
Vocab_It m_75012	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.92	68	0.50	0.27	1.26
Vocab_It m_75014	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.08	68	0.39	0.99	1.02
Vocab_It m_75016	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.51	68	0.34	1.43	0.61
Vocab_It m_75054	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.72	69	0.61	0.24	1.17
Vocab_It m_75055	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.60	68	0.55	0.37	1.13
Vocab_It m_75056	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.07	69	0.52	1.03	1.02
Vocab_It m_75057	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	3.33	68	0.32	1.02	0.95
Vocab_It m_75059	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	2.33	68	0.28	1.49	0.27

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75060	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.43	68	0.41	0.65	1.14
Vocab_It m_75061	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.04	63	0.48	0.43	1.12
Vocab_It m_75062	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.26	68	0.51	0.46	1.16
Vocab_It m_75091	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.30	69	0.31	1.06	0.91
Vocab_It m_75092	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.73	68	0.30	1.27	0.35
Vocab_It m_75094	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.18	68	0.44	0.74	1.10
Vocab_It m_75098	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.37	69	0.39	1.02	0.93
Vocab_It m_75100	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.08	68	0.37	1.04	0.90
Vocab_It m_75101	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.75	68	0.63	0.26	1.16
Vocab_It m_75102	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	2.80	68	0.30	0.86	1.24
Vocab_It m_75103	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.03	68	0.41	0.90	1.06
Vocab_It m_75106	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	2.30	69	0.30	1.20	0.76
Vocab_It m_75107	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.21	70	0.31	0.95	0.95

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75108	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.48	68	0.32	1.21	0.55
Vocab_It m_75109	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.01	2764	0.06	0.78	1.10
Vocab_It m_75110	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.27	68	0.30	0.85	1.20
Vocab_It m_75136	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.74	68	0.29	1.27	0.72
Vocab_It m_75139	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-3.87	68	1.84	1.00	1.00
Vocab_It m_75140	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.19	68	0.74	0.46	1.06
Vocab_It m_75142	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.20	69	0.77	0.13	1.19
Vocab_It m_75144	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-2.38	68	0.76	0.15	1.17
Vocab_It m_75147	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.28	68	0.31	1.30	0.49
Vocab_It m_75148	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.31	69	0.31	0.81	1.23
Vocab_It m_75153	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.86	69	0.46	0.58	1.12
Vocab_It m_75154	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.13	68	0.50	0.43	1.19
Vocab_It m_75185	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.03	68	0.38	0.92	0.99
Vocab_It m_75187	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.74	68	0.74	0.24	1.13
Vocab_It m_75188	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-2.49	69	1.02	0.14	1.13

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75189	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.52	68	0.32	1.23	0.70
Vocab_It m_75190	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.00	69	0.39	1.38	0.80
Vocab_It m_75192	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	3.32	70	0.29	1.08	0.96
Vocab_It m_75193	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.84	67	0.63	0.43	1.09
Vocab_It m_75195	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	2.54	68	0.28	1.43	0.01
Vocab_It m_75196	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.59	69	0.52	0.37	1.20
Vocab_It m_75197	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.63	68	0.48	0.37	1.22
Vocab_It m_75226	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.78	67	0.64	0.36	1.11
Vocab_It m_75229	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.01	68	0.39	1.16	0.68
Vocab_It m_75233	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.35	68	0.40	1.01	0.93
Vocab_It m_75239	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.10	69	0.37	0.58	1.17
Vocab_It m_75241	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-2.29	68	0.75	0.27	1.10
Vocab_It m_75243	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.05	67	0.38	1.29	0.67

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75245	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.32	69	0.30	1.26	0.81
Vocab_It m_75271	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.39	69	0.43	0.94	1.02
Vocab_It m_75272	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	2.58	67	0.29	1.07	0.56
Vocab_It m_75274	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.31	68	0.37	0.72	1.11
Vocab_It m_75275	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.09	68	0.50	0.66	0.98
Vocab_It m_75277	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.08	68	0.36	0.74	1.17
Vocab_It m_75279	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.08	68	0.40	0.94	1.08
Vocab_It m_75283	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.35	68	0.30	0.96	0.96
Vocab_It m_75284	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.08	68	0.34	0.81	1.16
Vocab_It m_75288	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.65	68	0.34	0.83	1.07
Vocab_It m_75290	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.12	68	0.37	0.84	1.11
Vocab_It m_75317	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	2.30	68	0.29	1.05	1.07
Vocab_It m_75318	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-3.84	68	1.84	1.00	1.00
Vocab_It m_75319	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.45	69	0.40	1.01	1.00
Vocab_It m_75321	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.48	68	0.29	1.25	0.36
Vocab_It m_75325	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.45	62	0.56	0.36	1.13

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_Item_75326	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-3.20	68	1.03	0.61	0.98
Vocab_Item_75327	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-2.49	69	0.77	0.83	0.96
Vocab_Item_75328	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.00	68	0.36	1.41	0.97
Vocab_Item_75333	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.49	68	0.37	1.01	0.94
Vocab_Item_75361	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.68	69	0.62	0.38	1.12
Vocab_Item_75364	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-2.24	68	0.76	0.17	1.16
Vocab_Item_75365	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.05	67	0.48	1.20	0.94
Vocab_Item_75366	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.20	68	0.31	1.00	0.90
Vocab_Item_75368	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.39	68	0.45	1.16	1.00
Vocab_Item_75369	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.07	68	0.37	0.94	0.96
Vocab_Item_75370	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.28	68	0.39	1.16	0.91
Vocab_Item_75371	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.30	66	0.57	0.62	1.10

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75372	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.27	69	0.39	0.70	1.17
Vocab_It m_75374	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.20	68	0.40	0.58	1.23
Vocab_It m_75375	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.39	69	0.30	1.02	0.89
Vocab_It m_75377	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.10	2712	0.06	1.04	0.97
Vocab_It m_75379	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.80	68	0.61	0.41	1.13
Vocab_It m_75380	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.43	68	0.41	0.58	1.17
Vocab_It m_75408	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.21	68	0.43	0.75	1.06
Vocab_It m_75409	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.03	68	0.37	0.76	1.07
Vocab_It m_75410	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.67	68	0.33	1.39	0.59
Vocab_It m_75411	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.87	68	0.75	0.36	1.07
Vocab_It m_75413	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.31	68	0.37	0.94	1.02
Vocab_It m_75416	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.63	68	0.48	0.30	1.27
Vocab_It m_75419	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-2.96	68	1.04	0.19	1.08
Vocab_It m_75422	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.12	69	0.37	0.60	1.26
Vocab_It m_75452	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.10	68	0.40	0.64	1.18

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75457	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.74	69	0.29	1.38	0.35
Vocab_It m_75458	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.10	69	0.37	0.46	1.28
Vocab_It m_75459	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.03	2693	0.06	0.82	1.06
Vocab_It m_75462	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.23	68	0.56	0.54	1.12
Vocab_It m_75468	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.36	68	0.41	0.99	1.12
Vocab_It m_75470	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.20	69	0.41	0.76	1.04
Vocab_It m_75497	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.24	68	0.35	0.70	1.22
Vocab_It m_75506	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.84	69	0.44	0.33	1.28
Vocab_It m_75507	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.67	68	0.32	1.30	0.73
Vocab_It m_75508	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.09	69	0.50	0.92	1.00
Vocab_It m_75509	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.87	68	0.66	0.33	1.08
Vocab_It m_75511	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.02	68	0.35	0.79	1.12
Vocab_It m_75515	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.46	68	0.47	0.94	1.00

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75548	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.01	69	0.38	0.90	1.04
Vocab_It m_75549	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-2.15	68	0.74	0.25	1.10
Vocab_It m_75552	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.11	68	0.44	1.44	0.86
Vocab_It m_75555	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.58	68	0.41	0.86	1.05
Vocab_It m_75559	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.22	67	0.41	0.80	1.14
Vocab_It m_75560	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.22	68	0.42	1.35	0.75
Vocab_It m_75589	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.13	68	0.60	0.48	1.13
Vocab_It m_75595	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.29	69	0.30	1.00	1.08
Vocab_It m_75601	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.30	68	0.31	1.29	0.42
Vocab_It m_75602	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.26	68	0.32	1.28	0.67
Vocab_It m_75604	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.66	68	0.44	1.20	0.83
Vocab_It m_75605	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-3.88	69	1.84	1.00	1.00
Vocab_It m_75634	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.04	69	0.38	1.00	0.87
Vocab_It m_75636	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.23	68	0.31	0.99	1.09

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75637	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.46	68	0.44	0.89	0.98
Vocab_It m_75640	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.09	68	0.39	1.16	1.00
Vocab_It m_75641	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.58	67	0.49	0.96	1.05
Vocab_It m_75644	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.23	68	0.37	0.69	1.17
Vocab_It m_75646	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.83	68	0.63	0.25	1.17
Vocab_It m_75650	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.29	69	0.36	1.26	0.85
Vocab_It m_75677	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.59	68	0.45	1.36	0.97
Vocab_It m_75678	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	1.49	68	0.30	1.30	0.76
Vocab_It m_75679	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.47	69	0.53	0.39	1.14
Vocab_It m_75682	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.38	68	0.45	0.47	1.16
Vocab_It m_75683	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.19	69	0.40	0.90	1.03
Vocab_It m_75684	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.06	68	0.37	0.30	1.47
Vocab_It m_75690	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.07	67	0.41	0.37	1.34
Vocab_It m_75693	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.30	68	0.38	1.29	0.83

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_Item_75695	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.24	68	0.40	1.03	0.89
Vocab_Item_75722	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	2.73	68	0.29	1.13	0.85
Vocab_Item_75727	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.82	68	0.53	0.59	1.13
Vocab_Item_75729	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	1.27	68	0.30	1.12	0.80
Vocab_Item_75732	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.29	67	0.35	0.97	1.09
Vocab_Item_75735	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.47	67	0.43	0.66	1.14
Vocab_Item_75740	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.21	68	0.39	0.79	1.17
Vocab_Item_75767	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.60	68	0.75	0.20	1.16
Vocab_Item_75768	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.60	68	0.44	0.74	1.13
Vocab_Item_75771	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.33	68	0.60	0.52	1.07
Vocab_Item_75772	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.73	68	0.34	0.80	1.16
Vocab_Item_75773	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.63	68	0.46	0.47	1.16
Vocab_Item_75775	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.93	68	0.54	0.40	1.15
Vocab_Item_75780	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.67	68	0.37	0.89	1.02

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75783	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.21	68	0.30	1.06	0.88
Vocab_It m_75811	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.10	68	0.42	0.70	1.34
Vocab_It m_75814	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	2.65	69	0.29	1.24	0.46
Vocab_It m_75817	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.79	68	0.47	0.73	1.11
Vocab_It m_75818	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.20	68	0.39	0.67	1.19
Vocab_It m_75819	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.69	69	0.34	0.65	1.27
Vocab_It m_75821	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-3.18	68	1.03	1.13	0.93
Vocab_It m_75823	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.48	67	0.42	0.67	1.14
Vocab_It m_75826	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-3.79	68	1.84	1.00	1.00
Vocab_It m_75827	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-0.11	68	0.37	0.72	1.01
Vocab_It m_75828	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	1.35	68	0.31	1.09	0.78
Vocab_It m_75829	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	0.68	66	0.35	1.16	0.80
Vocab_It m_75856	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-1.46	68	0.62	0.32	1.16
Vocab_It m_75857	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.10	68	0.40	0.77	1.15
Vocab_It m_75860	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	-0.23	68	0.41	0.74	1.09

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_75861	EL.07.RE.10 Determine meanings of words using contextual and structural clues.	0.24	68	0.38	1.00	0.87
Vocab_It m_75862	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-1.06	65	0.56	0.38	1.14
Vocab_It m_75863	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	0.29	79	0.33	0.90	1.20
Vocab_It m_75866	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.45	68	0.43	0.51	1.23
Vocab_It m_75867	EL.07.RE.11 Demonstrate understanding of idioms and comparisons, such as analogies, metaphors, and similes, in prose (informational and literary text) and poetry.	-0.83	68	0.46	0.87	1.03
Vocab_It m_75869	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-2.99	69	1.03	0.24	1.07
Vocab_It m_75870	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-2.21	68	0.76	0.45	1.04
Vocab_It m_75871	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.05	69	0.47	0.58	1.10
Vocab_It m_75872	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.60	69	0.62	0.24	1.16
Vocab_It m_75873	EL.07.RE.12 Clarify word meanings through the use of definition, inference, example, restatement, or contrast.	-1.74	68	0.63	0.84	1.08
Vocab_It m_85002	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.34	58	0.65	0.20	1.26
Vocab_It m_85005	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.91	58	0.57	0.31	1.23
Vocab_It m_85008	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.67	58	0.78	0.49	1.10

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_Ite m_85013	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.12	58	0.53	0.63	1.02
Vocab_Ite m_85015	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.22	58	0.75	0.44	1.12
Vocab_Ite m_85020	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.37	58	0.63	1.45	0.93
Vocab_Ite m_85049	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.94	58	0.52	1.30	0.89
Vocab_Ite m_85056	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.66	58	0.76	0.21	1.15
Vocab_Ite m_85063	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.54	57	1.08	1.31	0.84
Vocab_Ite m_85093	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.10	58	0.62	0.56	1.05
Vocab_Ite m_85107	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.82	56	0.78	0.30	1.16
Vocab_Ite m_85138	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.10	58	0.63	0.25	1.23
Vocab_Ite m_85146	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.06	58	0.65	0.46	1.17
Vocab_Ite m_85150	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.61	57	0.76	0.19	1.18
Vocab_Ite m_85184	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-2.48	58	1.03	0.14	1.13
Vocab_Ite m_85186	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.06	58	0.55	0.37	1.21

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_Ite m_85189	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.14	58	1.02	0.44	1.04
Vocab_Ite m_85198	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.47	58	1.06	0.12	1.14
Vocab_Ite m_85233	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.29	2355	0.10	0.56	1.11
Vocab_Ite m_85236	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-0.93	58	0.58	0.86	1.09
Vocab_Ite m_85242	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.27	58	0.66	0.71	1.13
Vocab_Ite m_85321	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.69	58	0.74	0.65	1.00
Vocab_Ite m_85326	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.41	57	1.04	0.17	1.11
Vocab_Ite m_85331	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.93	58	1.04	0.22	1.08
Vocab_Ite m_85332	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.24	58	1.05	0.16	1.11
Vocab_Ite m_85372	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.49	58	1.03	0.16	1.13
Vocab_Ite m_85375	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.49	58	0.75	0.85	1.02

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_85376	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.24	57	0.74	1.22	0.97
Vocab_It m_85380	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.32	58	0.65	0.15	1.28
Vocab_It m_85418	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.36	58	1.03	0.17	1.11
Vocab_It m_85423	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-2.15	58	1.02	0.27	1.08
Vocab_It m_85455	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.91	58	0.60	0.20	1.30
Vocab_It m_85457	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.05	58	0.56	0.57	1.13
Vocab_It m_85469	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.71	58	0.75	0.22	1.15
Vocab_It m_85511	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.84	58	0.76	0.36	1.10
Vocab_It m_85513	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.35	57	0.76	0.71	1.02
Vocab_It m_85553	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.11	58	0.85	0.85	0.82
Vocab_It m_85588	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.32	58	0.74	0.41	1.10
Vocab_It m_85589	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-2.62	58	1.04	0.30	1.05

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_It m_85590	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-2.46	58	1.05	0.49	0.99
Vocab_It m_85594	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-0.92	58	0.52	0.63	1.04
Vocab_It m_85641	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.81	59	0.75	0.48	1.05
Vocab_It m_85679	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.71	58	0.65	0.18	1.25
Vocab_It m_85684	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.58	58	1.05	0.46	1.00
Vocab_It m_85686	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.27	58	1.02	0.39	1.05
Vocab_It m_85694	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.75	58	0.76	0.94	0.94
Vocab_It m_85722	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.93	58	0.56	0.46	1.15
Vocab_It m_85729	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.46	58	1.06	0.12	1.16
Vocab_It m_85766	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.63	58	0.78	0.76	1.06
Vocab_It m_85768	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.04	57	0.64	0.24	1.25
Vocab_It m_85811	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.13	58	0.76	0.61	0.99
Vocab_It m_85818	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.03	58	0.59	0.35	1.15
Vocab_It m_85820	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-2.66	58	1.06	0.12	1.13

Table 1n
Item Information and Statistics, Unassigned Items Cont.

Item Name	Standard	Measure	Count	Error	MSQ Outfit	Disc
Vocab_Item_85829	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-0.90	58	0.61	0.61	1.03
Vocab_Item_85859	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-1.07	58	0.57	0.46	1.09
Vocab_Item_85861	EL.08.RE.10 Determine meanings of words using contextual and structural clues.	-0.91	58	0.56	0.29	1.23
Vocab_Item_85862	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-1.32	57	0.75	0.28	1.14
Vocab_Item_85865	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-0.92	57	0.55	0.48	1.12
Vocab_Item_85868	EL.08.RE.11 Analyze idioms and comparisons, such as analogies, metaphors, and similes, to infer the literal and figurative meanings of phrases.	-0.90	57	0.51	0.44	1.19
Vocab_Item_85869	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.25	58	0.67	0.20	1.23
Vocab_Item_85870	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.88	57	0.77	0.17	1.19
Vocab_Item_85871	EL.08.RE.12 Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.	-1.22	58	0.59	0.23	1.27

Table 2
Distractor Analysis Results

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75001	A	1	25	-3.91	0.09	1.18
v75001	B	0	1	-5.54	0.00	0.19
v75001	C	0	2	-5.21	0.33	0.28
v75001	Missing	0	1391	-5.10	0.06	1.00
v75002	A	1	25	-3.84	0.09	1.07
v75002	B	0	0	0.00	0.00	0.00
v75002	C	0	2	-3.89	0.19	1.01
v75002	Missing	0	1392	-5.11	0.06	1.00
v75003	A	1	26	-3.85	0.08	1.06
v75003	B	0	0	0.00	0.00	0.00
v75003	C	0	1	-5.99	0.00	0.12
v75003	Missing	0	1392	-5.11	0.06	1.00
v75004	A	1	1024	-4.02	0.03	1.41
v75004	B	0	61	-4.91	0.15	0.94
v75004	C	0	41	-5.03	0.23	1.04
v75004	Missing	0	293	-8.83	0.00	0.00
v75005	A	1	20	-4.01	0.15	1.54
v75005	B	0	1	-3.82	0.00	1.07
v75005	C	0	6	-4.08	0.09	0.84
v75005	Missing	0	1392	-5.10	0.06	1.00
v75006	A	1	22	-3.81	0.09	1.05
v75006	B	0	2	-5.36	0.18	0.23
v75006	C	0	3	-4.05	0.12	0.86
v75006	Missing	0	1392	-5.11	0.06	1.00
v75007	A	1	16	-3.68	0.05	0.84
v75007	B	0	7	-4.15	0.13	0.81
v75007	C	0	5	-4.75	0.48	0.58
v75007	Missing	0	1391	-5.11	0.06	1.00
v75008	A	1	10	-3.67	0.05	0.82
v75008	B	0	7	-4.03	0.17	0.93
v75008	C	0	9	-4.00	0.11	0.93
v75008	Missing	0	1393	-5.11	0.06	1.00
v75009	A	1	25	-3.81	0.08	1.04
v75009	B	0	3	-4.74	0.65	0.59
v75009	C	0	0	0.00	0.00	0.00
v75009	Missing	0	1391	-5.11	0.06	1.00
v75010	A	1	22	-3.91	0.10	1.19
v75010	B	0	0	0.00	0.00	0.00
v75010	C	0	3	-4.63	0.32	0.52
v75010	Missing	0	1394	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75011	A	1	18	-3.75	0.09	0.95
v75011	B	0	0	0.00	0.00	0.00
v75011	C	0	9	-3.89	0.07	1.01
v75011	Missing	0	1392	-5.11	0.06	1.00
v75012	A	1	24	-3.67	0.04	0.82
v75012	B	0	2	-4.49	0.40	0.59
v75012	C	0	1	-5.99	0.00	0.12
v75012	Missing	0	1392	-5.11	0.06	1.00
v75013	A	1	25	-3.78	0.06	0.96
v75013	B	0	0	0.00	0.00	0.00
v75013	C	0	2	-3.97	0.27	0.95
v75013	Missing	0	1392	-5.11	0.06	1.00
v75014	A	1	23	-3.71	0.06	0.88
v75014	B	0	2	-4.09	0.00	0.82
v75014	C	0	2	-4.89	0.65	0.44
v75014	Missing	0	1392	-5.11	0.06	1.00
v75015	A	1	25	-3.86	0.12	1.29
v75015	B	0	0	0.00	0.00	0.00
v75015	C	0	2	-5.44	0.55	0.24
v75015	Missing	0	1392	-5.10	0.06	1.00
v75016	A	1	20	-3.88	0.09	1.11
v75016	B	0	5	-4.43	0.43	0.76
v75016	C	0	1	-4.24	0.00	0.70
v75016	Missing	0	1393	-5.10	0.06	1.00
v75017	A	1	23	-3.85	0.07	1.03
v75017	B	0	2	-5.03	0.15	0.32
v75017	C	0	2	-4.71	0.47	0.48
v75017	Missing	0	1392	-5.10	0.06	1.00
v75018	A	1	23	-3.68	0.07	0.90
v75018	B	0	0	0.00	0.00	0.00
v75018	C	0	3	-4.58	0.15	0.51
v75018	Missing	0	1393	-5.11	0.06	1.00
v75019	A	1	24	-3.68	0.03	0.83
v75019	B	0	2	-3.82	0.12	1.07
v75019	C	0	1	-5.99	0.00	0.12
v75019	Missing	0	1392	-5.11	0.06	1.00
v75020	A	1	22	-3.67	0.04	0.82
v75020	B	0	4	-4.42	0.20	0.62
v75020	C	0	1	-4.89	0.00	0.37
v75020	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75054	A	1	25	-3.77	0.06	0.94
v75054	B	0	0	0.00	0.00	0.00
v75054	C	0	1	-4.89	0.00	0.37
v75054	Missing	0	1393	-5.11	0.06	1.00
v75055	A	1	24	-3.80	0.08	1.02
v75055	B	0	3	-4.57	0.31	0.56
v75055	C	0	1	-5.54	0.00	0.19
v75055	Missing	0	1391	-5.11	0.06	1.00
v75056	A	1	23	-3.72	0.04	0.86
v75056	B	0	2	-4.49	0.40	0.59
v75056	C	0	1	-4.89	0.00	0.37
v75056	Missing	0	1393	-5.11	0.06	1.00
v75057	A	1	11	-3.74	0.07	0.89
v75057	B	0	3	-3.82	0.07	1.07
v75057	C	0	14	-4.22	0.16	0.83
v75057	Missing	0	1391	-5.11	0.06	1.00
v75058	A	1	25	-3.76	0.08	0.98
v75058	B	0	1	-5.18	0.00	0.27
v75058	C	0	2	-4.12	0.30	0.82
v75058	Missing	0	1391	-5.11	0.06	1.00
v75059	A	1	16	-3.87	0.13	1.18
v75059	B	0	2	-4.35	0.53	0.72
v75059	C	0	9	-3.87	0.09	1.04
v75059	Missing	0	1392	-5.11	0.06	1.00
v75060	A	1	22	-3.76	0.05	0.90
v75060	B	0	2	-4.66	0.23	0.47
v75060	C	0	3	-4.30	0.29	0.71
v75060	Missing	0	1392	-5.11	0.06	1.00
v75061	A	1	25	-3.80	0.06	0.97
v75061	B	0	2	-4.71	0.47	0.49
v75061	C	0	1	-4.64	0.00	0.47
v75061	Missing	0	1391	-5.11	0.06	1.00
v75062	A	1	26	-3.73	0.03	0.87
v75062	B	0	1	-4.64	0.00	0.47
v75062	C	0	1	-5.18	0.00	0.27
v75062	Missing	0	1391	-5.11	0.06	1.00
v75063	A	1	18	-3.68	0.04	0.83
v75063	B	0	3	-5.16	0.62	0.42
v75063	C	0	6	-4.00	0.08	0.90
v75063	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75064	A	1	22	-3.84	0.06	1.00
v75064	B	0	2	-4.56	0.62	0.61
v75064	C	0	2	-3.65	0.05	1.26
v75064	Missing	0	1393	-5.11	0.06	1.00
v75065	A	1	25	-3.77	0.05	0.92
v75065	B	0	2	-4.76	0.12	0.42
v75065	C	0	0	0.00	0.00	0.00
v75065	Missing	0	1392	-5.11	0.06	1.00
v75091	A	1	17	-3.65	0.04	0.80
v75091	B	0	3	-3.96	0.14	0.94
v75091	C	0	6	-4.08	0.19	0.89
v75091	Missing	0	1393	-5.11	0.06	1.00
v75092	A	1	19	-3.74	0.05	0.89
v75092	B	0	4	-4.03	0.29	0.96
v75092	C	0	5	-4.00	0.13	0.92
v75092	Missing	0	1391	-5.11	0.06	1.00
v75093	A	1	21	-3.69	0.04	0.84
v75093	B	0	5	-3.91	0.09	0.99
v75093	C	0	1	-4.43	0.00	0.58
v75093	Missing	0	1392	-5.11	0.06	1.00
v75094	A	1	25	-3.69	0.03	0.83
v75094	B	0	0	0.00	0.00	0.00
v75094	C	0	1	-5.54	0.00	0.19
v75094	Missing	0	1393	-5.11	0.06	1.00
v75095	A	1	24	-3.70	0.04	0.85
v75095	B	0	1	-5.54	0.00	0.19
v75095	C	0	3	-4.46	0.21	0.59
v75095	Missing	0	1391	-5.11	0.06	1.00
v75096	A	1	8	-3.74	0.06	0.88
v75096	B	0	19	-3.91	0.06	1.00
v75096	C	0	0	0.00	0.00	0.00
v75096	Missing	0	1392	-5.11	0.06	1.00
v75097	A	1	26	-3.98	0.09	1.22
v75097	B	0	0	0.00	0.00	0.00
v75097	C	0	1	-5.54	0.00	0.19
v75097	Missing	0	1392	-5.10	0.06	1.01
v75098	A	1	24	-3.84	0.08	1.07
v75098	B	0	2	-5.03	0.15	0.32
v75098	C	0	1	-4.24	0.00	0.70
v75098	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75099	A	1	22	-3.84	0.10	1.11
v75099	B	0	2	-3.88	0.06	1.00
v75099	C	0	2	-4.26	0.17	0.70
v75099	Missing	0	1393	-5.11	0.06	1.00
v75100	A	1	22	-3.78	0.07	0.95
v75100	B	0	3	-4.31	0.43	0.76
v75100	C	0	2	-4.29	0.59	0.78
v75100	Missing	0	1392	-5.11	0.06	1.00
v75101	A	1	25	-3.88	0.08	1.09
v75101	B	0	2	-4.66	0.23	0.47
v75101	C	0	0	0.00	0.00	0.00
v75101	Missing	0	1392	-5.11	0.06	1.00
v75102	A	1	8	-3.65	0.03	0.80
v75102	B	0	6	-4.52	0.24	0.60
v75102	C	0	13	-4.06	0.12	0.90
v75102	Missing	0	1392	-5.10	0.06	1.00
v75103	A	1	21	-3.61	0.03	0.76
v75103	B	0	3	-4.28	0.46	0.80
v75103	C	0	2	-4.89	0.65	0.44
v75103	Missing	0	1393	-5.11	0.06	1.00
v75104	A	1	24	-3.89	0.07	1.07
v75104	B	0	2	-4.56	0.32	0.53
v75104	C	0	1	-3.94	0.00	0.94
v75104	Missing	0	1392	-5.11	0.06	1.00
v75105	A	1	17	-3.79	0.06	0.94
v75105	B	0	4	-4.89	0.39	0.44
v75105	C	0	5	-3.93	0.08	0.97
v75105	Missing	0	1393	-5.10	0.06	1.00
v75106	A	1	15	-3.80	0.11	1.01
v75106	B	0	5	-4.02	0.10	0.89
v75106	C	0	7	-4.15	0.20	0.85
v75106	Missing	0	1392	-5.11	0.06	1.00
v75107	A	1	14	-3.82	0.10	1.03
v75107	B	0	3	-4.03	0.21	0.91
v75107	C	0	10	-4.20	0.17	0.82
v75107	Missing	0	1392	-5.10	0.06	1.00
v75108	A	1	20	-3.65	0.04	0.81
v75108	B	0	0	0.00	0.00	0.00
v75108	C	0	6	-3.93	0.16	1.01
v75108	Missing	0	1393	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75109	A	1	913	-3.89	0.02	0.97
v75109	B	0	83	-4.60	0.09	0.88
v75109	C	0	99	-4.59	0.11	0.96
v75109	Missing	0	324	-8.71	0.02	0.04
v75110	A	1	19	-3.68	0.03	0.83
v75110	B	0	7	-4.06	0.19	0.92
v75110	C	0	0	0.00	0.00	0.00
v75110	Missing	0	1393	-5.11	0.06	1.00
v75136	A	1	14	-3.67	0.04	0.82
v75136	B	0	11	-4.09	0.20	0.91
v75136	C	0	1	-3.70	0.00	1.19
v75136	Missing	0	1393	-5.11	0.06	1.00
v75137	A	1	24	-3.82	0.08	1.04
v75137	B	0	2	-3.60	0.00	1.33
v75137	C	0	1	-5.18	0.00	0.27
v75137	Missing	0	1392	-5.11	0.06	1.00
v75138	A	1	11	-3.86	0.14	1.12
v75138	B	0	4	-3.96	0.11	0.94
v75138	C	0	13	-3.99	0.12	0.96
v75138	Missing	0	1391	-5.11	0.06	1.00
v75139	A	1	27	-3.82	0.05	0.98
v75139	B	0	0	0.00	0.00	0.00
v75139	C	0	0	0.00	0.00	0.00
v75139	Missing	0	1392	-5.11	0.06	1.00
v75140	A	1	26	-3.84	0.07	1.03
v75140	B	0	1	-4.89	0.00	0.37
v75140	C	0	0	0.00	0.00	0.00
v75140	Missing	0	1392	-5.11	0.06	1.00
v75141	A	1	21	-3.76	0.06	0.93
v75141	B	0	2	-4.19	0.24	0.76
v75141	C	0	4	-4.13	0.20	0.83
v75141	Missing	0	1392	-5.11	0.06	1.00
v75142	A	1	25	-3.84	0.09	1.11
v75142	B	0	1	-5.99	0.00	0.12
v75142	C	0	1	-5.18	0.00	0.27
v75142	Missing	0	1392	-5.11	0.06	1.00
v75143	A	1	14	-3.93	0.08	1.10
v75143	B	0	7	-4.04	0.15	0.91
v75143	C	0	5	-4.35	0.23	0.69
v75143	Missing	0	1393	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75144	A	1	27	-3.75	0.05	0.91
v75144	B	0	0	0.00	0.00	0.00
v75144	C	0	1	-5.54	0.00	0.19
v75144	Missing	0	1391	-5.11	0.06	1.00
v75145	A	1	23	-3.88	0.10	1.17
v75145	B	0	2	-4.71	0.47	0.48
v75145	C	0	2	-3.95	0.13	0.94
v75145	Missing	0	1392	-5.11	0.06	1.00
v75146	A	1	21	-3.75	0.05	0.91
v75146	B	0	3	-3.88	0.28	1.08
v75146	C	0	2	-4.56	0.62	0.61
v75146	Missing	0	1393	-5.11	0.06	1.00
v75147	A	1	14	-3.74	0.07	0.90
v75147	B	0	5	-4.18	0.36	0.89
v75147	C	0	8	-4.00	0.17	0.97
v75147	Missing	0	1392	-5.11	0.06	1.00
v75148	A	1	20	-3.70	0.06	0.87
v75148	B	0	7	-3.92	0.14	1.02
v75148	C	0	0	0.00	0.00	0.00
v75148	Missing	0	1392	-5.11	0.06	1.00
v75149	A	1	25	-3.81	0.07	1.01
v75149	B	0	1	-4.09	0.00	0.82
v75149	C	0	1	-3.94	0.00	0.94
v75149	Missing	0	1392	-5.11	0.06	1.00
v75150	A	1	21	-3.74	0.07	0.92
v75150	B	0	2	-5.18	0.00	0.27
v75150	C	0	4	-4.44	0.26	0.62
v75150	Missing	0	1392	-5.11	0.06	1.00
v75151	A	1	24	-3.75	0.05	0.90
v75151	B	0	2	-5.21	0.33	0.28
v75151	C	0	1	-4.24	0.00	0.70
v75151	Missing	0	1392	-5.11	0.06	1.00
v75152	A	1	17	-3.78	0.06	0.93
v75152	B	0	2	-4.56	0.32	0.53
v75152	C	0	8	-3.87	0.09	1.04
v75152	Missing	0	1392	-5.11	0.06	1.00
v75153	A	1	24	-3.82	0.06	0.98
v75153	B	0	2	-5.18	0.00	0.27
v75153	C	0	2	-4.17	0.08	0.76
v75153	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75154	A	1	22	-3.78	0.07	0.96
v75154	B	0	1	-5.54	0.00	0.19
v75154	C	0	3	-5.12	0.26	0.31
v75154	Missing	0	1393	-5.10	0.06	1.00
v75155	A	1	20	-3.76	0.06	0.91
v75155	B	0	0	0.00	0.00	0.00
v75155	C	0	7	-3.95	0.14	0.98
v75155	Missing	0	1392	-5.11	0.06	1.00
v75181	A	1	22	-3.87	0.09	1.11
v75181	B	0	3	-4.23	0.47	0.85
v75181	C	0	2	-4.34	0.09	0.64
v75181	Missing	0	1392	-5.11	0.06	1.00
v75182	A	1	14	-3.73	0.07	0.89
v75182	B	0	8	-4.44	0.35	0.75
v75182	C	0	4	-4.08	0.16	0.85
v75182	Missing	0	1393	-5.10	0.06	1.00
v75183	A	1	25	-3.68	0.03	0.83
v75183	B	0	1	-5.18	0.00	0.27
v75183	C	0	1	-3.94	0.00	0.94
v75183	Missing	0	1392	-5.11	0.06	1.00
v75184	A	1	20	-3.76	0.07	0.93
v75184	B	0	6	-4.20	0.14	0.76
v75184	C	0	2	-4.41	0.47	0.65
v75184	Missing	0	1391	-5.11	0.06	1.00
v75185	A	1	20	-3.87	0.09	1.09
v75185	B	0	4	-4.57	0.28	0.57
v75185	C	0	3	-4.66	0.96	0.82
v75185	Missing	0	1392	-5.10	0.06	1.00
v75186	A	1	26	-3.79	0.05	0.95
v75186	B	0	1	-5.99	0.00	0.12
v75186	C	0	1	-4.09	0.00	0.82
v75186	Missing	0	1391	-5.11	0.06	1.00
v75187	A	1	27	-3.78	0.06	0.97
v75187	B	0	0	0.00	0.00	0.00
v75187	C	0	0	0.00	0.00	0.00
v75187	Missing	0	1392	-5.11	0.06	1.00
v75188	A	1	26	-3.75	0.05	0.90
v75188	B	0	1	-4.64	0.00	0.47
v75188	C	0	0	0.00	0.00	0.00
v75188	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75189	A	1	16	-3.75	0.09	0.95
v75189	B	0	7	-3.94	0.13	0.98
v75189	C	0	5	-4.30	0.25	0.74
v75189	Missing	0	1391	-5.11	0.06	1.00
v75190	A	1	22	-3.82	0.10	1.12
v75190	B	0	2	-4.09	0.15	0.82
v75190	C	0	2	-4.12	0.52	0.90
v75190	Missing	0	1393	-5.11	0.06	1.00
v75191	A	1	21	-3.74	0.07	0.93
v75191	B	0	3	-4.09	0.09	0.82
v75191	C	0	3	-5.05	0.33	0.35
v75191	Missing	0	1392	-5.11	0.06	1.00
v75192	A	1	10	-3.89	0.16	1.19
v75192	B	0	2	-4.98	0.56	0.38
v75192	C	0	15	-3.81	0.05	1.09
v75192	Missing	0	1392	-5.11	0.06	1.00
v75193	A	1	24	-3.81	0.06	0.98
v75193	B	0	1	-3.94	0.00	0.94
v75193	C	0	2	-4.98	0.56	0.39
v75193	Missing	0	1392	-5.11	0.06	1.00
v75194	A	1	23	-3.92	0.12	1.34
v75194	B	0	3	-3.96	0.16	0.94
v75194	C	0	1	-3.94	0.00	0.94
v75194	Missing	0	1392	-5.11	0.06	1.00
v75195	A	1	15	-3.86	0.07	1.01
v75195	B	0	2	-3.82	0.12	1.07
v75195	C	0	12	-3.74	0.03	1.16
v75195	Missing	0	1390	-5.11	0.06	1.00
v75196	A	1	25	-3.75	0.05	0.91
v75196	B	0	1	-4.89	0.00	0.37
v75196	C	0	1	-3.82	0.00	1.07
v75196	Missing	0	1392	-5.11	0.06	1.00
v75197	A	1	22	-3.79	0.09	1.01
v75197	B	0	1	-4.89	0.00	0.37
v75197	C	0	3	-4.62	0.46	0.57
v75197	Missing	0	1393	-5.10	0.06	1.00
v75198	A	1	26	-3.78	0.05	0.93
v75198	B	0	2	-4.53	0.11	0.53
v75198	C	0	0	0.00	0.00	0.00
v75198	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75199	A	1	22	-3.80	0.06	0.96
v75199	B	0	4	-4.64	0.32	0.55
v75199	C	0	1	-4.43	0.00	0.58
v75199	Missing	0	1392	-5.11	0.06	1.00
v75200	A	1	26	-3.78	0.09	1.08
v75200	B	0	2	-3.95	0.13	0.94
v75200	C	0	0	0.00	0.00	0.00
v75200	Missing	0	1391	-5.11	0.06	1.00
v75226	A	1	24	-3.85	0.07	1.05
v75226	B	0	2	-5.21	0.78	0.35
v75226	C	0	0	0.00	0.00	0.00
v75226	Missing	0	1393	-5.10	0.06	1.00
v75227	A	1	22	-3.75	0.04	0.88
v75227	B	0	3	-4.27	0.16	0.70
v75227	C	0	1	-4.89	0.00	0.37
v75227	Missing	0	1393	-5.11	0.06	1.00
v75228	A	1	19	-3.85	0.11	1.11
v75228	B	0	4	-4.06	0.28	0.92
v75228	C	0	3	-4.74	0.92	0.73
v75228	Missing	0	1393	-5.10	0.06	1.00
v75229	A	1	23	-3.92	0.14	1.41
v75229	B	0	2	-4.01	0.07	0.88
v75229	C	0	1	-4.43	0.00	0.58
v75229	Missing	0	1393	-5.10	0.06	1.00
v75230	A	1	16	-3.81	0.07	0.98
v75230	B	0	7	-4.40	0.37	0.77
v75230	C	0	4	-4.65	0.65	0.69
v75230	Missing	0	1392	-5.10	0.06	1.00
v75231	A	1	27	-3.87	0.08	1.09
v75231	B	0	0	0.00	0.00	0.00
v75231	C	0	0	0.00	0.00	0.00
v75231	Missing	0	1392	-5.11	0.06	1.00
v75232	A	1	24	-3.88	0.12	1.28
v75232	B	0	0	0.00	0.00	0.00
v75232	C	0	3	-3.83	0.13	1.07
v75232	Missing	0	1392	-5.11	0.06	1.00
v75233	A	1	23	-3.86	0.08	1.07
v75233	B	0	0	0.00	0.00	0.00
v75233	C	0	4	-4.84	0.41	0.47
v75233	Missing	0	1392	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75234	A	1	25	-3.85	0.06	1.02
v75234	B	0	1	-4.09	0.00	0.82
v75234	C	0	2	-4.80	0.38	0.43
v75234	Missing	0	1391	-5.11	0.06	1.00
v75235	A	1	25	-3.78	0.05	0.93
v75235	B	0	0	0.00	0.00	0.00
v75235	C	0	1	-5.99	0.00	0.12
v75235	Missing	0	1393	-5.11	0.06	1.00
v75236	A	1	22	-3.73	0.04	0.87
v75236	B	0	0	0.00	0.00	0.00
v75236	C	0	5	-4.94	0.47	0.49
v75236	Missing	0	1392	-5.11	0.06	1.00
v75238	A	1	22	-3.78	0.06	0.95
v75238	B	0	2	-5.59	0.40	0.20
v75238	C	0	2	-5.36	0.18	0.23
v75238	Missing	0	1393	-5.10	0.06	1.00
v75239	A	1	18	-3.81	0.07	0.97
v75239	B	0	5	-4.19	0.18	0.78
v75239	C	0	3	-4.65	0.13	0.47
v75239	Missing	0	1393	-5.10	0.06	1.00
v75240	A	1	26	-3.83	0.07	1.03
v75240	B	0	0	0.00	0.00	0.00
v75240	C	0	0	0.00	0.00	0.00
v75240	Missing	0	1393	-5.11	0.06	1.00
v75241	A	1	26	-3.87	0.07	1.08
v75241	B	0	1	-5.18	0.00	0.27
v75241	C	0	0	0.00	0.00	0.00
v75241	Missing	0	1392	-5.11	0.06	1.00
v75242	A	1	20	-3.77	0.08	0.95
v75242	B	0	3	-4.67	0.50	0.58
v75242	C	0	4	-4.42	0.27	0.65
v75242	Missing	0	1392	-5.11	0.06	1.00
v75243	A	1	22	-3.81	0.08	1.02
v75243	B	0	2	-3.92	0.32	1.01
v75243	C	0	3	-4.32	0.31	0.71
v75243	Missing	0	1392	-5.11	0.06	1.00
v75244	A	1	24	-3.75	0.06	0.92
v75244	B	0	2	-4.44	0.20	0.58
v75244	C	0	1	-5.54	0.00	0.19
v75244	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75245	A	1	19	-3.80	0.11	1.08
v75245	B	0	7	-3.88	0.11	1.04
v75245	C	0	1	-4.43	0.00	0.58
v75245	Missing	0	1392	-5.11	0.06	1.00
v75271	A	1	25	-3.77	0.06	0.95
v75271	B	0	0	0.00	0.00	0.00
v75271	C	0	2	-5.09	0.45	0.33
v75271	Missing	0	1392	-5.11	0.06	1.00
v75272	A	1	13	-3.72	0.04	0.86
v75272	B	0	6	-4.36	0.38	0.82
v75272	C	0	9	-3.94	0.16	1.02
v75272	Missing	0	1391	-5.11	0.06	1.00
v75273	A	1	23	-3.88	0.10	1.17
v75273	B	0	0	0.00	0.00	0.00
v75273	C	0	3	-5.47	0.52	0.27
v75273	Missing	0	1393	-5.10	0.06	1.00
v75274	A	1	20	-3.74	0.05	0.89
v75274	B	0	4	-3.98	0.17	0.95
v75274	C	0	2	-4.01	0.07	0.88
v75274	Missing	0	1393	-5.11	0.06	1.00
v75275	A	1	21	-3.89	0.10	1.17
v75275	B	0	3	-3.99	0.05	0.90
v75275	C	0	2	-4.17	0.08	0.76
v75275	Missing	0	1393	-5.11	0.06	1.00
v75276	A	1	27	-3.94	0.08	1.17
v75276	B	0	0	0.00	0.00	0.00
v75276	C	0	1	-4.43	0.00	0.58
v75276	Missing	0	1391	-5.11	0.06	1.00
v75277	A	1	20	-3.70	0.04	0.85
v75277	B	0	3	-5.05	0.79	0.49
v75277	C	0	3	-5.54	0.45	0.24
v75277	Missing	0	1393	-5.10	0.06	1.00
v75278	A	1	25	-3.86	0.06	1.02
v75278	B	0	1	-4.89	0.00	0.37
v75278	C	0	0	0.00	0.00	0.00
v75278	Missing	0	1393	-5.11	0.06	1.00
v75279	A	1	25	-3.68	0.06	0.86
v75279	B	0	2	-4.17	0.47	0.83
v75279	C	0	0	0.00	0.00	0.00
v75279	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75280	A	1	17	-3.64	0.04	0.79
v75280	B	0	3	-4.32	0.44	0.76
v75280	C	0	7	-4.19	0.24	0.86
v75280	Missing	0	1392	-5.11	0.06	1.00
v75281	A	1	24	-3.78	0.07	0.98
v75281	B	0	0	0.00	0.00	0.00
v75281	C	0	2	-5.36	0.18	0.23
v75281	Missing	0	1393	-5.11	0.06	1.00
v75282	A	1	21	-3.81	0.09	1.03
v75282	B	0	3	-3.82	0.07	1.07
v75282	C	0	3	-3.88	0.18	1.03
v75282	Missing	0	1392	-5.11	0.06	1.00
v75283	A	1	22	-3.74	0.04	0.88
v75283	B	0	6	-4.27	0.36	0.85
v75283	C	0	0	0.00	0.00	0.00
v75283	Missing	0	1391	-5.11	0.06	1.00
v75284	A	1	21	-3.83	0.07	0.99
v75284	B	0	1	-4.89	0.00	0.37
v75284	C	0	4	-4.41	0.16	0.62
v75284	Missing	0	1393	-5.10	0.06	1.00
v75286	A	1	17	-3.81	0.07	0.96
v75286	B	0	2	-3.88	0.06	1.00
v75286	C	0	8	-3.91	0.08	0.99
v75286	Missing	0	1392	-5.11	0.06	1.00
v75287	A	1	26	-3.74	0.05	0.89
v75287	B	0	0	0.00	0.00	0.00
v75287	C	0	0	0.00	0.00	0.00
v75287	Missing	0	1393	-5.11	0.06	1.00
v75288	A	1	23	-3.73	0.04	0.88
v75288	B	0	3	-4.09	0.09	0.82
v75288	C	0	1	-4.24	0.00	0.70
v75288	Missing	0	1392	-5.11	0.06	1.00
v75289	A	1	20	-3.82	0.07	0.98
v75289	B	0	1	-5.18	0.00	0.27
v75289	C	0	5	-4.74	0.43	0.58
v75289	Missing	0	1393	-5.10	0.06	1.00
v75290	A	1	23	-3.70	0.04	0.85
v75290	B	0	0	0.00	0.00	0.00
v75290	C	0	4	-3.89	0.10	1.01
v75290	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75316	A	1	22	-3.72	0.04	0.86
v75316	B	0	1	-4.43	0.00	0.58
v75316	C	0	4	-4.46	0.28	0.63
v75316	Missing	0	1392	-5.11	0.06	1.00
v75317	A	1	17	-3.60	0.03	0.76
v75317	B	0	9	-3.95	0.16	1.01
v75317	C	0	0	0.00	0.00	0.00
v75317	Missing	0	1393	-5.11	0.06	1.00
v75318	A	1	27	-3.78	0.06	0.95
v75318	B	0	0	0.00	0.00	0.00
v75318	C	0	0	0.00	0.00	0.00
v75318	Missing	0	1392	-5.11	0.06	1.00
v75319	A	1	22	-3.91	0.10	1.19
v75319	B	0	2	-4.62	0.92	0.69
v75319	C	0	3	-4.60	0.50	0.61
v75319	Missing	0	1392	-5.10	0.06	1.00
v75321	A	1	16	-3.88	0.10	1.09
v75321	B	0	2	-3.76	0.06	1.13
v75321	C	0	8	-4.24	0.25	0.83
v75321	Missing	0	1393	-5.10	0.06	1.00
v75322	A	1	23	-3.70	0.03	0.84
v75322	B	0	2	-4.80	0.38	0.43
v75322	C	0	2	-4.56	0.62	0.61
v75322	Missing	0	1392	-5.11	0.06	1.00
v75323	A	1	21	-3.78	0.07	0.95
v75323	B	0	1	-3.82	0.00	1.07
v75323	C	0	5	-4.37	0.11	0.63
v75323	Missing	0	1392	-5.11	0.06	1.00
v75324	A	1	19	-3.81	0.09	1.01
v75324	B	0	1	-5.54	0.00	0.19
v75324	C	0	7	-3.93	0.14	1.00
v75324	Missing	0	1392	-5.11	0.06	1.00
v75325	A	1	25	-3.83	0.07	1.03
v75325	B	0	1	-4.43	0.00	0.58
v75325	C	0	1	-5.18	0.00	0.27
v75325	Missing	0	1392	-5.11	0.06	1.00
v75326	A	1	27	-3.88	0.07	1.08
v75326	B	0	1	-4.24	0.00	0.70
v75326	C	0	0	0.00	0.00	0.00
v75326	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75327	A	1	26	-3.88	0.12	1.45
v75327	B	0	0	0.00	0.00	0.00
v75327	C	0	1	-5.54	0.00	0.19
v75327	Missing	0	1392	-5.11	0.06	1.00
v75328	A	1	21	-3.83	0.11	1.22
v75328	B	0	3	-4.69	0.27	0.48
v75328	C	0	2	-4.41	0.47	0.65
v75328	Missing	0	1393	-5.10	0.06	1.00
v75329	A	1	16	-3.72	0.04	0.86
v75329	B	0	7	-3.87	0.08	1.03
v75329	C	0	4	-4.19	0.23	0.80
v75329	Missing	0	1392	-5.11	0.06	1.00
v75330	A	1	24	-3.88	0.09	1.11
v75330	B	0	1	-3.82	0.00	1.07
v75330	C	0	2	-4.09	0.00	0.82
v75330	Missing	0	1392	-5.11	0.06	1.00
v75331	A	1	24	-3.76	0.07	0.94
v75331	B	0	1	-5.18	0.00	0.27
v75331	C	0	2	-4.17	0.08	0.76
v75331	Missing	0	1392	-5.11	0.06	1.00
v75332	A	1	24	-3.83	0.08	1.03
v75332	B	0	2	-5.21	0.33	0.28
v75332	C	0	1	-3.70	0.00	1.20
v75332	Missing	0	1392	-5.11	0.06	1.00
v75333	A	1	22	-3.68	0.04	0.83
v75333	B	0	4	-4.12	0.27	0.86
v75333	C	0	1	-5.54	0.00	0.19
v75333	Missing	0	1392	-5.11	0.06	1.00
v75334	A	1	24	-3.83	0.08	1.05
v75334	B	0	2	-4.23	0.41	0.77
v75334	C	0	1	-4.43	0.00	0.58
v75334	Missing	0	1392	-5.11	0.06	1.00
v75335	A	1	21	-3.76	0.06	0.92
v75335	B	0	4	-4.31	0.33	0.75
v75335	C	0	3	-4.73	0.45	0.54
v75335	Missing	0	1391	-5.11	0.06	1.00
v75361	A	1	26	-3.89	0.07	1.09
v75361	B	0	1	-4.64	0.00	0.47
v75361	C	0	0	0.00	0.00	0.00
v75361	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75362	A	1	27	-3.96	0.08	1.17
v75362	B	0	0	0.00	0.00	0.00
v75362	C	0	1	-3.94	0.00	0.94
v75362	Missing	0	1391	-5.11	0.06	1.00
v75363	A	1	18	-3.79	0.08	0.96
v75363	B	0	2	-4.53	0.11	0.53
v75363	C	0	6	-4.27	0.17	0.73
v75363	Missing	0	1393	-5.10	0.06	1.00
v75364	A	1	24	-3.89	0.10	1.15
v75364	B	0	2	-5.03	0.15	0.32
v75364	C	0	0	0.00	0.00	0.00
v75364	Missing	0	1393	-5.10	0.06	1.00
v75365	A	1	27	-3.87	0.08	1.10
v75365	B	0	1	-4.09	0.00	0.82
v75365	C	0	0	0.00	0.00	0.00
v75365	Missing	0	1391	-5.11	0.06	1.00
v75366	A	1	18	-3.75	0.07	0.92
v75366	B	0	6	-4.13	0.21	0.85
v75366	C	0	3	-4.36	0.28	0.67
v75366	Missing	0	1392	-5.11	0.06	1.00
v75367	A	1	22	-3.71	0.05	0.86
v75367	B	0	0	0.00	0.00	0.00
v75367	C	0	5	-4.89	0.22	0.40
v75367	Missing	0	1392	-5.11	0.06	1.00
v75368	A	1	24	-3.72	0.04	0.87
v75368	B	0	1	-4.64	0.00	0.47
v75368	C	0	1	-3.70	0.00	1.20
v75368	Missing	0	1393	-5.11	0.06	1.00
v75369	A	1	21	-3.76	0.10	1.02
v75369	B	0	4	-4.32	0.26	0.71
v75369	C	0	2	-3.89	0.19	1.01
v75369	Missing	0	1392	-5.11	0.06	1.00
v75370	A	1	22	-3.76	0.05	0.91
v75370	B	0	1	-3.94	0.00	0.94
v75370	C	0	3	-4.17	0.36	0.83
v75370	Missing	0	1393	-5.11	0.06	1.00
v75371	A	1	25	-3.83	0.08	1.04
v75371	B	0	2	-5.59	0.40	0.20
v75371	C	0	1	-3.82	0.00	1.07
v75371	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75372	A	1	23	-3.72	0.05	0.88
v75372	B	0	0	0.00	0.00	0.00
v75372	C	0	3	-4.27	0.16	0.70
v75372	Missing	0	1393	-5.11	0.06	1.00
v75373	A	1	21	-3.74	0.05	0.89
v75373	B	0	3	-4.87	0.34	0.41
v75373	C	0	2	-4.29	0.35	0.71
v75373	Missing	0	1393	-5.11	0.06	1.00
v75374	A	1	22	-3.76	0.05	0.91
v75374	B	0	3	-4.68	0.44	0.53
v75374	C	0	1	-4.09	0.00	0.82
v75374	Missing	0	1393	-5.11	0.06	1.00
v75375	A	1	15	-3.80	0.09	0.98
v75375	B	0	6	-4.20	0.22	0.81
v75375	C	0	5	-4.95	0.49	0.49
v75375	Missing	0	1393	-5.10	0.06	1.00
v75376	A	1	21	-3.71	0.05	0.87
v75376	B	0	4	-4.50	0.40	0.67
v75376	C	0	2	-4.24	0.00	0.70
v75376	Missing	0	1392	-5.11	0.06	1.00
v75377	A	1	906	-3.86	0.02	0.82
v75377	B	0	99	-4.45	0.07	0.97
v75377	C	0	71	-4.49	0.10	1.00
v75377	Missing	0	343	-8.62	0.03	0.06
v75378	A	1	10	-3.93	0.18	1.25
v75378	B	0	2	-3.76	0.06	1.13
v75378	C	0	14	-3.96	0.16	1.03
v75378	Missing	0	1393	-5.10	0.06	1.00
v75379	A	1	25	-3.85	0.05	1.00
v75379	B	0	1	-5.18	0.00	0.27
v75379	C	0	0	0.00	0.00	0.00
v75379	Missing	0	1393	-5.11	0.06	1.00
v75380	A	1	20	-3.78	0.07	0.96
v75380	B	0	5	-4.42	0.40	0.73
v75380	C	0	2	-4.80	0.38	0.43
v75380	Missing	0	1392	-5.10	0.06	1.00
v75406	A	1	26	-3.84	0.07	1.03
v75406	B	0	1	-4.89	0.00	0.37
v75406	C	0	0	0.00	0.00	0.00
v75406	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75407	A	1	25	-3.85	0.08	1.10
v75407	B	0	1	-3.82	0.00	1.07
v75407	C	0	1	-5.18	0.00	0.27
v75407	Missing	0	1392	-5.11	0.06	1.00
v75408	A	1	25	-3.74	0.05	0.90
v75408	B	0	2	-4.09	0.15	0.82
v75408	C	0	0	0.00	0.00	0.00
v75408	Missing	0	1392	-5.11	0.06	1.00
v75409	A	1	20	-3.82	0.11	1.10
v75409	B	0	3	-4.42	0.27	0.63
v75409	C	0	5	-4.58	0.28	0.58
v75409	Missing	0	1391	-5.10	0.06	1.00
v75410	A	1	22	-3.84	0.11	1.22
v75410	B	0	0	0.00	0.00	0.00
v75410	C	0	5	-4.52	0.41	0.69
v75410	Missing	0	1392	-5.11	0.06	1.00
v75411	A	1	25	-3.73	0.06	0.91
v75411	B	0	1	-4.43	0.00	0.58
v75411	C	0	1	-4.24	0.00	0.70
v75411	Missing	0	1392	-5.11	0.06	1.00
v75412	A	1	27	-3.84	0.09	1.17
v75412	B	0	1	-6.58	0.00	0.07
v75412	C	0	0	0.00	0.00	0.00
v75412	Missing	0	1391	-5.11	0.06	1.00
v75413	A	1	25	-3.77	0.07	0.96
v75413	B	0	2	-4.53	0.11	0.53
v75413	C	0	1	-3.60	0.00	1.33
v75413	Missing	0	1391	-5.11	0.06	1.00
v75414	A	1	24	-3.79	0.07	0.97
v75414	B	0	1	-4.89	0.00	0.37
v75414	C	0	1	-4.43	0.00	0.58
v75414	Missing	0	1393	-5.11	0.06	1.00
v75415	A	1	17	-3.90	0.07	1.06
v75415	B	0	3	-4.05	0.12	0.86
v75415	C	0	6	-4.25	0.21	0.77
v75415	Missing	0	1393	-5.10	0.06	1.00
v75416	A	1	23	-3.76	0.07	0.95
v75416	B	0	1	-4.24	0.00	0.70
v75416	C	0	2	-5.31	0.68	0.30
v75416	Missing	0	1393	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75417	A	1	26	-3.77	0.04	0.92
v75417	B	0	0	0.00	0.00	0.00
v75417	C	0	1	-3.70	0.00	1.20
v75417	Missing	0	1392	-5.11	0.06	1.00
v75418	A	1	16	-3.70	0.05	0.85
v75418	B	0	2	-4.74	0.80	0.57
v75418	C	0	9	-4.02	0.17	0.95
v75418	Missing	0	1392	-5.11	0.06	1.00
v75419	A	1	26	-3.82	0.07	1.01
v75419	B	0	0	0.00	0.00	0.00
v75419	C	0	1	-5.18	0.00	0.27
v75419	Missing	0	1392	-5.11	0.06	1.00
v75420	A	1	18	-3.79	0.07	0.96
v75420	B	0	6	-4.31	0.30	0.79
v75420	C	0	4	-3.80	0.07	1.10
v75420	Missing	0	1391	-5.11	0.06	1.00
v75421	A	1	24	-3.75	0.05	0.91
v75421	B	0	0	0.00	0.00	0.00
v75421	C	0	3	-4.23	0.24	0.74
v75421	Missing	0	1392	-5.11	0.06	1.00
v75422	A	1	25	-3.78	0.04	0.93
v75422	B	0	2	-4.19	0.24	0.76
v75422	C	0	0	0.00	0.00	0.00
v75422	Missing	0	1392	-5.11	0.06	1.00
v75423	A	1	23	-3.71	0.05	0.87
v75423	B	0	2	-4.64	0.00	0.47
v75423	C	0	2	-5.54	0.00	0.19
v75423	Missing	0	1392	-5.11	0.06	1.00
v75424	A	1	27	-3.73	0.04	0.88
v75424	B	0	0	0.00	0.00	0.00
v75424	C	0	1	-5.18	0.00	0.27
v75424	Missing	0	1391	-5.11	0.06	1.00
v75425	A	1	21	-3.91	0.11	1.20
v75425	B	0	3	-4.19	0.37	0.84
v75425	C	0	3	-4.72	0.33	0.49
v75425	Missing	0	1392	-5.10	0.06	1.00
v75451	A	1	19	-3.71	0.06	0.87
v75451	B	0	5	-4.43	0.06	0.58
v75451	C	0	3	-4.57	0.49	0.61
v75451	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75452	A	1	23	-3.78	0.06	0.95
v75452	B	0	5	-4.17	0.18	0.80
v75452	C	0	0	0.00	0.00	0.00
v75452	Missing	0	1391	-5.11	0.06	1.00
v75453	A	1	25	-3.75	0.05	0.91
v75453	B	0	0	0.00	0.00	0.00
v75453	C	0	1	-5.18	0.00	0.27
v75453	Missing	0	1393	-5.11	0.06	1.00
v75454	A	1	21	-3.77	0.06	0.94
v75454	B	0	2	-4.66	0.23	0.47
v75454	C	0	4	-4.34	0.21	0.68
v75454	Missing	0	1392	-5.11	0.06	1.00
v75455	A	1	20	-3.75	0.05	0.90
v75455	B	0	3	-4.75	0.22	0.44
v75455	C	0	4	-3.94	0.24	1.01
v75455	Missing	0	1392	-5.11	0.06	1.00
v75456	A	1	11	-3.83	0.14	1.10
v75456	B	0	7	-4.17	0.21	0.83
v75456	C	0	10	-4.24	0.24	0.84
v75456	Missing	0	1391	-5.10	0.06	1.00
v75457	A	1	14	-3.97	0.13	1.24
v75457	B	0	9	-3.87	0.05	1.03
v75457	C	0	4	-4.31	0.15	0.67
v75457	Missing	0	1392	-5.10	0.06	1.00
v75458	A	1	21	-3.66	0.03	0.81
v75458	B	0	3	-4.42	0.27	0.63
v75458	C	0	4	-4.34	0.10	0.64
v75458	Missing	0	1391	-5.11	0.06	1.00
v75459	A	1	890	-3.83	0.01	0.79
v75459	B	0	99	-4.44	0.07	0.96
v75459	C	0	79	-4.50	0.08	0.89
v75459	Missing	0	351	-8.57	0.03	0.07
v75460	A	1	24	-3.83	0.08	1.04
v75460	B	0	2	-5.54	0.00	0.19
v75460	C	0	1	-4.43	0.00	0.58
v75460	Missing	0	1392	-5.10	0.06	1.00
v75461	A	1	25	-3.85	0.06	1.02
v75461	B	0	2	-3.84	0.24	1.07
v75461	C	0	1	-5.18	0.00	0.27
v75461	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75462	A	1	24	-3.80	0.06	0.97
v75462	B	0	2	-5.54	0.00	0.19
v75462	C	0	0	0.00	0.00	0.00
v75462	Missing	0	1393	-5.10	0.06	1.00
v75463	A	1	21	-3.87	0.13	1.33
v75463	B	0	3	-3.96	0.16	0.94
v75463	C	0	5	-4.18	0.27	0.83
v75463	Missing	0	1390	-5.11	0.06	1.00
v75464	A	1	23	-3.66	0.04	0.81
v75464	B	0	3	-4.14	0.38	0.88
v75464	C	0	2	-4.09	0.15	0.82
v75464	Missing	0	1391	-5.11	0.06	1.00
v75465	A	1	22	-3.76	0.08	0.95
v75465	B	0	0	0.00	0.00	0.00
v75465	C	0	5	-4.10	0.09	0.82
v75465	Missing	0	1392	-5.11	0.06	1.00
v75466	A	1	25	-3.80	0.08	1.02
v75466	B	0	1	-5.54	0.00	0.19
v75466	C	0	1	-3.94	0.00	0.94
v75466	Missing	0	1392	-5.11	0.06	1.00
v75467	A	1	22	-3.79	0.06	0.95
v75467	B	0	4	-3.73	0.05	1.16
v75467	C	0	2	-4.07	0.36	0.89
v75467	Missing	0	1391	-5.11	0.06	1.00
v75468	A	1	23	-3.73	0.06	0.91
v75468	B	0	3	-4.68	0.44	0.53
v75468	C	0	0	0.00	0.00	0.00
v75468	Missing	0	1393	-5.11	0.06	1.00
v75469	A	1	23	-3.72	0.04	0.87
v75469	B	0	1	-4.64	0.00	0.47
v75469	C	0	2	-4.66	0.23	0.47
v75469	Missing	0	1393	-5.11	0.06	1.00
v75470	A	1	24	-3.75	0.05	0.90
v75470	B	0	1	-5.18	0.00	0.27
v75470	C	0	1	-4.09	0.00	0.82
v75470	Missing	0	1393	-5.11	0.06	1.00
v75496	A	1	20	-3.85	0.07	1.01
v75496	B	0	4	-4.00	0.22	0.95
v75496	C	0	2	-4.71	0.47	0.48
v75496	Missing	0	1393	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75497	A	1	17	-3.75	0.06	0.90
v75497	B	0	6	-4.70	0.27	0.53
v75497	C	0	4	-4.73	0.63	0.63
v75497	Missing	0	1392	-5.10	0.06	1.00
v75498	A	1	13	-3.71	0.07	0.87
v75498	B	0	4	-4.24	0.18	0.73
v75498	C	0	10	-4.20	0.16	0.81
v75498	Missing	0	1392	-5.11	0.06	1.00
v75499	A	1	23	-3.71	0.04	0.86
v75499	B	0	3	-4.18	0.24	0.78
v75499	C	0	0	0.00	0.00	0.00
v75499	Missing	0	1393	-5.11	0.06	1.00
v75500	A	1	26	-3.83	0.06	0.99
v75500	B	0	1	-3.94	0.00	0.94
v75500	C	0	0	0.00	0.00	0.00
v75500	Missing	0	1392	-5.11	0.06	1.00
v75501	A	1	19	-3.66	0.04	0.81
v75501	B	0	1	-5.18	0.00	0.27
v75501	C	0	7	-4.06	0.20	0.92
v75501	Missing	0	1392	-5.11	0.06	1.00
v75502	A	1	610	-3.78	0.02	0.89
v75502	B	0	142	-4.28	0.05	0.91
v75502	C	0	304	-4.01	0.03	1.11
v75502	Missing	0	363	-8.48	0.04	0.08
v75503	A	1	26	-3.81	0.07	1.01
v75503	B	0	0	0.00	0.00	0.00
v75503	C	0	1	-3.94	0.00	0.94
v75503	Missing	0	1392	-5.11	0.06	1.00
v75504	A	1	24	-3.85	0.09	1.09
v75504	B	0	1	-4.43	0.00	0.58
v75504	C	0	1	-3.70	0.00	1.20
v75504	Missing	0	1393	-5.11	0.06	1.00
v75505	A	1	18	-3.76	0.06	0.92
v75505	B	0	3	-3.96	0.13	0.94
v75505	C	0	5	-3.97	0.12	0.94
v75505	Missing	0	1393	-5.11	0.06	1.00
v75506	A	1	23	-3.83	0.07	1.01
v75506	B	0	2	-4.53	0.11	0.53
v75506	C	0	2	-4.64	0.00	0.47
v75506	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75507	A	1	21	-3.88	0.08	1.09
v75507	B	0	1	-4.64	0.00	0.47
v75507	C	0	4	-4.02	0.19	0.92
v75507	Missing	0	1393	-5.11	0.06	1.00
v75508	A	1	25	-3.77	0.05	0.91
v75508	B	0	0	0.00	0.00	0.00
v75508	C	0	1	-3.82	0.00	1.07
v75508	Missing	0	1393	-5.11	0.06	1.00
v75509	A	1	24	-3.83	0.12	1.25
v75509	B	0	0	0.00	0.00	0.00
v75509	C	0	2	-5.76	0.22	0.16
v75509	Missing	0	1393	-5.10	0.06	1.00
v75510	A	1	17	-3.86	0.14	1.31
v75510	B	0	5	-4.38	0.32	0.72
v75510	C	0	5	-4.38	0.22	0.66
v75510	Missing	0	1392	-5.10	0.06	1.00
v75511	A	1	21	-3.86	0.07	1.03
v75511	B	0	3	-4.22	0.35	0.79
v75511	C	0	2	-4.41	0.47	0.65
v75511	Missing	0	1393	-5.10	0.06	1.00
v75512	A	1	23	-3.75	0.04	0.89
v75512	B	0	3	-4.56	0.31	0.56
v75512	C	0	1	-5.54	0.00	0.19
v75512	Missing	0	1392	-5.11	0.06	1.00
v75513	A	1	19	-3.76	0.07	0.94
v75513	B	0	6	-4.22	0.29	0.84
v75513	C	0	2	-5.09	0.45	0.33
v75513	Missing	0	1392	-5.11	0.06	1.00
v75514	A	1	25	-3.81	0.10	1.08
v75514	B	0	2	-4.17	0.08	0.76
v75514	C	0	0	0.00	0.00	0.00
v75514	Missing	0	1392	-5.11	0.06	1.00
v75515	A	1	23	-3.72	0.04	0.87
v75515	B	0	2	-4.74	0.80	0.57
v75515	C	0	3	-4.14	0.38	0.88
v75515	Missing	0	1391	-5.11	0.06	1.00
v75541	A	1	24	-3.78	0.09	1.05
v75541	B	0	0	0.00	0.00	0.00
v75541	C	0	4	-4.11	0.14	0.82
v75541	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75542	A	1	23	-3.83	0.08	1.03
v75542	B	0	1	-5.18	0.00	0.27
v75542	C	0	2	-3.65	0.05	1.26
v75542	Missing	0	1393	-5.11	0.06	1.00
v75543	A	1	13	-3.74	0.11	0.95
v75543	B	0	4	-4.12	0.18	0.82
v75543	C	0	10	-4.02	0.12	0.92
v75543	Missing	0	1392	-5.11	0.06	1.00
v75544	A	1	23	-3.70	0.05	0.86
v75544	B	0	0	0.00	0.00	0.00
v75544	C	0	3	-3.99	0.05	0.90
v75544	Missing	0	1393	-5.11	0.06	1.00
v75545	A	1	19	-3.72	0.05	0.87
v75545	B	0	8	-4.29	0.16	0.72
v75545	C	0	0	0.00	0.00	0.00
v75545	Missing	0	1392	-5.11	0.06	1.00
v75546	A	1	19	-3.80	0.08	0.98
v75546	B	0	3	-4.32	0.31	0.71
v75546	C	0	4	-4.24	0.18	0.73
v75546	Missing	0	1393	-5.11	0.06	1.00
v75547	A	1	17	-3.80	0.10	1.02
v75547	B	0	3	-4.20	0.27	0.79
v75547	C	0	8	-4.05	0.11	0.88
v75547	Missing	0	1391	-5.11	0.06	1.00
v75548	A	1	21	-3.86	0.10	1.13
v75548	B	0	3	-4.50	0.34	0.60
v75548	C	0	3	-4.57	0.31	0.56
v75548	Missing	0	1392	-5.10	0.06	1.00
v75549	A	1	25	-3.85	0.09	1.10
v75549	B	0	1	-4.89	0.00	0.37
v75549	C	0	1	-4.64	0.00	0.47
v75549	Missing	0	1392	-5.11	0.06	1.00
v75550	A	1	20	-3.73	0.05	0.89
v75550	B	0	6	-4.02	0.13	0.91
v75550	C	0	1	-3.60	0.00	1.33
v75550	Missing	0	1392	-5.11	0.06	1.00
v75551	A	1	20	-3.77	0.06	0.93
v75551	B	0	7	-3.88	0.07	1.01
v75551	C	0	0	0.00	0.00	0.00
v75551	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75552	A	1	25	-3.67	0.04	0.83
v75552	B	0	0	0.00	0.00	0.00
v75552	C	0	3	-3.99	0.24	0.95
v75552	Missing	0	1391	-5.11	0.06	1.00
v75553	A	1	19	-3.85	0.10	1.10
v75553	B	0	6	-4.27	0.21	0.75
v75553	C	0	2	-4.34	0.09	0.64
v75553	Missing	0	1392	-5.10	0.06	1.00
v75554	A	1	23	-3.77	0.09	1.01
v75554	B	0	2	-4.24	0.00	0.70
v75554	C	0	2	-4.91	0.27	0.37
v75554	Missing	0	1392	-5.11	0.06	1.00
v75555	A	1	22	-3.83	0.08	1.02
v75555	B	0	3	-4.32	0.44	0.76
v75555	C	0	2	-5.33	1.25	0.44
v75555	Missing	0	1392	-5.10	0.06	1.00
v75556	A	1	23	-3.78	0.06	0.93
v75556	B	0	3	-4.68	0.44	0.53
v75556	C	0	1	-5.18	0.00	0.27
v75556	Missing	0	1392	-5.11	0.06	1.00
v75557	A	1	24	-3.90	0.09	1.13
v75557	B	0	2	-3.70	0.00	1.20
v75557	C	0	1	-4.89	0.00	0.37
v75557	Missing	0	1392	-5.11	0.06	1.00
v75558	A	1	16	-3.83	0.07	0.99
v75558	B	0	10	-3.95	0.09	0.97
v75558	C	0	2	-4.71	0.47	0.48
v75558	Missing	0	1391	-5.11	0.06	1.00
v75559	A	1	21	-3.76	0.04	0.90
v75559	B	0	0	0.00	0.00	0.00
v75559	C	0	6	-4.75	0.29	0.52
v75559	Missing	0	1392	-5.10	0.06	1.00
v75560	A	1	23	-3.88	0.10	1.17
v75560	B	0	0	0.00	0.00	0.00
v75560	C	0	4	-4.25	0.21	0.74
v75560	Missing	0	1392	-5.11	0.06	1.00
v75586	A	1	21	-3.91	0.10	1.17
v75586	B	0	5	-4.51	0.38	0.69
v75586	C	0	2	-4.53	0.11	0.53
v75586	Missing	0	1391	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75587	A	1	26	-3.69	0.03	0.83
v75587	B	0	2	-4.29	0.59	0.78
v75587	C	0	0	0.00	0.00	0.00
v75587	Missing	0	1391	-5.11	0.06	1.00
v75588	A	1	19	-3.80	0.08	0.99
v75588	B	0	4	-4.31	0.33	0.75
v75588	C	0	5	-4.40	0.30	0.69
v75588	Missing	0	1391	-5.11	0.06	1.00
v75589	A	1	25	-3.70	0.05	0.86
v75589	B	0	1	-4.89	0.00	0.37
v75589	C	0	1	-4.43	0.00	0.58
v75589	Missing	0	1392	-5.11	0.06	1.00
v75590	A	1	26	-3.76	0.05	0.92
v75590	B	0	1	-5.18	0.00	0.27
v75590	C	0	1	-5.18	0.00	0.27
v75590	Missing	0	1391	-5.11	0.06	1.00
v75591	A	1	25	-3.77	0.04	0.91
v75591	B	0	2	-4.56	0.62	0.61
v75591	C	0	0	0.00	0.00	0.00
v75591	Missing	0	1392	-5.11	0.06	1.00
v75592	A	1	25	-3.85	0.06	1.02
v75592	B	0	1	-3.60	0.00	1.33
v75592	C	0	0	0.00	0.00	0.00
v75592	Missing	0	1393	-5.11	0.06	1.00
v75593	A	1	10	-3.76	0.08	0.91
v75593	B	0	17	-4.00	0.11	0.97
v75593	C	0	0	0.00	0.00	0.00
v75593	Missing	0	1392	-5.11	0.06	1.00
v75594	A	1	23	-3.76	0.06	0.92
v75594	B	0	1	-4.43	0.00	0.58
v75594	C	0	3	-4.05	0.29	0.91
v75594	Missing	0	1392	-5.11	0.06	1.00
v75595	A	1	14	-3.87	0.17	1.38
v75595	B	0	7	-4.36	0.20	0.70
v75595	C	0	5	-4.54	0.28	0.60
v75595	Missing	0	1393	-5.10	0.06	1.00
v75596	A	1	23	-3.79	0.06	0.96
v75596	B	0	3	-4.34	0.34	0.71
v75596	C	0	1	-4.89	0.00	0.37
v75596	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75597	A	1	26	-3.80	0.05	0.96
v75597	B	0	0	0.00	0.00	0.00
v75597	C	0	0	0.00	0.00	0.00
v75597	Missing	0	1393	-5.11	0.06	1.00
v75598	A	1	22	-3.64	0.02	0.79
v75598	B	0	3	-4.04	0.10	0.86
v75598	C	0	1	-5.54	0.00	0.19
v75598	Missing	0	1393	-5.11	0.06	1.00
v75599	A	1	21	-3.87	0.08	1.07
v75599	B	0	4	-5.01	0.38	0.39
v75599	C	0	1	-4.09	0.00	0.82
v75599	Missing	0	1393	-5.10	0.06	1.00
v75600	A	1	14	-3.73	0.08	0.91
v75600	B	0	6	-3.87	0.09	1.03
v75600	C	0	7	-4.61	0.28	0.59
v75600	Missing	0	1392	-5.10	0.06	1.00
v75601	A	1	19	-3.82	0.10	1.05
v75601	B	0	4	-4.47	0.41	0.70
v75601	C	0	4	-4.12	0.18	0.82
v75601	Missing	0	1392	-5.11	0.06	1.00
v75602	A	1	21	-3.72	0.05	0.87
v75602	B	0	4	-3.78	0.12	1.13
v75602	C	0	1	-4.24	0.00	0.70
v75602	Missing	0	1393	-5.11	0.06	1.00
v75603	A	1	24	-3.76	0.04	0.90
v75603	B	0	0	0.00	0.00	0.00
v75603	C	0	2	-4.36	0.28	0.64
v75603	Missing	0	1393	-5.11	0.06	1.00
v75604	A	1	23	-3.90	0.11	1.27
v75604	B	0	3	-4.26	0.32	0.75
v75604	C	0	1	-3.94	0.00	0.94
v75604	Missing	0	1392	-5.11	0.06	1.00
v75605	A	1	26	-3.85	0.07	1.04
v75605	B	0	0	0.00	0.00	0.00
v75605	C	0	0	0.00	0.00	0.00
v75605	Missing	0	1393	-5.11	0.06	1.00
v75631	A	1	21	-3.77	0.08	0.98
v75631	B	0	4	-4.08	0.16	0.85
v75631	C	0	3	-4.87	0.31	0.41
v75631	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75632	A	1	16	-3.70	0.06	0.86
v75632	B	0	8	-4.04	0.09	0.88
v75632	C	0	3	-4.41	0.40	0.68
v75632	Missing	0	1392	-5.11	0.06	1.00
v75633	A	1	21	-3.80	0.09	1.01
v75633	B	0	4	-4.20	0.27	0.80
v75633	C	0	2	-4.36	0.28	0.64
v75633	Missing	0	1392	-5.11	0.06	1.00
v75634	A	1	23	-3.76	0.06	0.93
v75634	B	0	3	-3.94	0.00	0.94
v75634	C	0	0	0.00	0.00	0.00
v75634	Missing	0	1393	-5.11	0.06	1.00
v75635	A	1	22	-3.81	0.09	1.04
v75635	B	0	4	-3.98	0.17	0.95
v75635	C	0	2	-4.01	0.41	0.95
v75635	Missing	0	1391	-5.11	0.06	1.00
v75636	A	1	19	-3.73	0.05	0.88
v75636	B	0	6	-4.06	0.20	0.91
v75636	C	0	1	-3.94	0.00	0.94
v75636	Missing	0	1393	-5.11	0.06	1.00
v75637	A	1	23	-3.86	0.10	1.13
v75637	B	0	2	-4.07	0.36	0.89
v75637	C	0	2	-3.88	0.06	1.00
v75637	Missing	0	1392	-5.11	0.06	1.00
v75638	A	1	22	-3.65	0.03	0.80
v75638	B	0	1	-3.60	0.00	1.33
v75638	C	0	3	-4.20	0.49	0.89
v75638	Missing	0	1393	-5.11	0.06	1.00
v75639	A	1	15	-3.81	0.13	1.13
v75639	B	0	3	-4.48	0.54	0.69
v75639	C	0	8	-4.31	0.37	0.87
v75639	Missing	0	1393	-5.10	0.06	1.00
v75640	A	1	22	-3.74	0.05	0.90
v75640	B	0	2	-4.80	0.38	0.43
v75640	C	0	3	-4.37	0.06	0.62
v75640	Missing	0	1392	-5.11	0.06	1.00
v75641	A	1	26	-3.64	0.04	0.80
v75641	B	0	0	0.00	0.00	0.00
v75641	C	0	0	0.00	0.00	0.00
v75641	Missing	0	1393	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75642	A	1	24	-3.91	0.09	1.17
v75642	B	0	2	-4.09	0.15	0.82
v75642	C	0	1	-4.89	0.00	0.37
v75642	Missing	0	1392	-5.11	0.06	1.00
v75643	A	1	5	-4.03	0.30	1.40
v75643	B	0	19	-4.02	0.10	0.94
v75643	C	0	3	-4.32	0.61	0.86
v75643	Missing	0	1392	-5.10	0.06	1.00
v75644	A	1	21	-3.70	0.05	0.85
v75644	B	0	0	0.00	0.00	0.00
v75644	C	0	5	-3.92	0.03	0.97
v75644	Missing	0	1393	-5.11	0.06	1.00
v75645	A	1	27	-3.70	0.03	0.85
v75645	B	0	0	0.00	0.00	0.00
v75645	C	0	0	0.00	0.00	0.00
v75645	Missing	0	1392	-5.11	0.06	1.00
v75646	A	1	26	-3.82	0.06	0.99
v75646	B	0	0	0.00	0.00	0.00
v75646	C	0	0	0.00	0.00	0.00
v75646	Missing	0	1393	-5.11	0.06	1.00
v75647	A	1	24	-3.92	0.08	1.13
v75647	B	0	2	-5.59	0.40	0.20
v75647	C	0	1	-4.43	0.00	0.58
v75647	Missing	0	1392	-5.10	0.06	1.00
v75648	A	1	21	-3.88	0.09	1.09
v75648	B	0	0	0.00	0.00	0.00
v75648	C	0	5	-3.91	0.11	0.99
v75648	Missing	0	1393	-5.11	0.06	1.00
v75649	A	1	21	-3.76	0.06	0.92
v75649	B	0	2	-6.28	0.29	0.09
v75649	C	0	5	-4.05	0.11	0.87
v75649	Missing	0	1391	-5.11	0.06	1.00
v75650	A	1	20	-3.84	0.11	1.15
v75650	B	0	3	-4.23	0.24	0.74
v75650	C	0	4	-4.21	0.32	0.84
v75650	Missing	0	1392	-5.11	0.06	1.00
v75676	A	1	22	-3.82	0.09	1.04
v75676	B	0	3	-4.89	0.37	0.42
v75676	C	0	2	-4.81	0.73	0.50
v75676	Missing	0	1392	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75677	A	1	24	-3.73	0.06	0.91
v75677	B	0	0	0.00	0.00	0.00
v75677	C	0	2	-3.76	0.06	1.13
v75677	Missing	0	1393	-5.11	0.06	1.00
v75678	A	1	17	-4.05	0.15	1.46
v75678	B	0	11	-4.28	0.12	0.72
v75678	C	0	1	-5.54	0.00	0.19
v75678	Missing	0	1390	-5.10	0.06	1.01
v75679	A	1	26	-3.80	0.06	0.96
v75679	B	0	1	-5.54	0.00	0.19
v75679	C	0	0	0.00	0.00	0.00
v75679	Missing	0	1392	-5.11	0.06	1.00
v75680	A	1	26	-3.89	0.13	1.50
v75680	B	0	1	-5.18	0.00	0.27
v75680	C	0	1	-4.24	0.00	0.70
v75680	Missing	0	1391	-5.11	0.06	1.00
v75681	A	1	26	-3.80	0.06	0.96
v75681	B	0	0	0.00	0.00	0.00
v75681	C	0	0	0.00	0.00	0.00
v75681	Missing	0	1393	-5.11	0.06	1.00
v75682	A	1	26	-3.72	0.04	0.87
v75682	B	0	1	-4.43	0.00	0.58
v75682	C	0	0	0.00	0.00	0.00
v75682	Missing	0	1392	-5.11	0.06	1.00
v75683	A	1	25	-3.81	0.08	1.02
v75683	B	0	2	-4.17	0.08	0.76
v75683	C	0	0	0.00	0.00	0.00
v75683	Missing	0	1392	-5.11	0.06	1.00
v75684	A	1	18	-3.74	0.05	0.89
v75684	B	0	6	-4.76	0.26	0.47
v75684	C	0	2	-4.98	0.56	0.39
v75684	Missing	0	1393	-5.10	0.06	1.00
v75685	A	1	25	-3.72	0.04	0.87
v75685	B	0	1	-4.43	0.00	0.58
v75685	C	0	1	-4.43	0.00	0.58
v75685	Missing	0	1392	-5.11	0.06	1.00
v75686	A	1	17	-3.73	0.05	0.88
v75686	B	0	1	-4.89	0.00	0.37
v75686	C	0	9	-4.27	0.17	0.75
v75686	Missing	0	1392	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75687	A	1	21	-3.79	0.07	0.96
v75687	B	0	7	-4.48	0.26	0.66
v75687	C	0	0	0.00	0.00	0.00
v75687	Missing	0	1391	-5.11	0.06	1.00
v75688	A	1	24	-3.78	0.06	0.95
v75688	B	0	2	-4.76	0.12	0.42
v75688	C	0	2	-5.36	0.18	0.23
v75688	Missing	0	1391	-5.11	0.06	1.00
v75689	A	1	25	-3.82	0.06	0.98
v75689	B	0	2	-4.89	0.00	0.37
v75689	C	0	0	0.00	0.00	0.00
v75689	Missing	0	1392	-5.11	0.06	1.00
v75690	A	1	26	-3.70	0.03	0.84
v75690	B	0	1	-4.09	0.00	0.82
v75690	C	0	0	0.00	0.00	0.00
v75690	Missing	0	1392	-5.11	0.06	1.00
v75691	A	1	13	-3.82	0.10	1.01
v75691	B	0	2	-4.29	0.35	0.70
v75691	C	0	11	-3.97	0.05	0.93
v75691	Missing	0	1393	-5.11	0.06	1.00
v75692	A	1	24	-3.76	0.08	0.97
v75692	B	0	0	0.00	0.00	0.00
v75692	C	0	2	-5.18	0.00	0.27
v75692	Missing	0	1393	-5.11	0.06	1.00
v75693	A	1	21	-3.74	0.05	0.89
v75693	B	0	2	-4.17	0.08	0.76
v75693	C	0	4	-3.86	0.10	1.04
v75693	Missing	0	1392	-5.11	0.06	1.00
v75694	A	1	18	-3.84	0.09	1.04
v75694	B	0	1	-3.70	0.00	1.20
v75694	C	0	7	-4.15	0.17	0.83
v75694	Missing	0	1393	-5.11	0.06	1.00
v75695	A	1	24	-3.68	0.03	0.82
v75695	B	0	0	0.00	0.00	0.00
v75695	C	0	4	-3.95	0.17	0.98
v75695	Missing	0	1391	-5.11	0.06	1.00
v75721	A	1	14	-3.80	0.13	1.07
v75721	B	0	9	-4.01	0.11	0.92
v75721	C	0	3	-5.45	0.27	0.22
v75721	Missing	0	1393	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75722	A	1	12	-3.74	0.08	0.90
v75722	B	0	8	-4.06	0.14	0.89
v75722	C	0	7	-3.92	0.18	1.04
v75722	Missing	0	1392	-5.11	0.06	1.00
v75723	A	1	22	-3.76	0.06	0.93
v75723	B	0	1	-4.09	0.00	0.82
v75723	C	0	3	-4.52	0.36	0.60
v75723	Missing	0	1393	-5.11	0.06	1.00
v75724	A	1	15	-3.71	0.06	0.86
v75724	B	0	9	-4.19	0.16	0.80
v75724	C	0	3	-4.75	0.22	0.44
v75724	Missing	0	1392	-5.10	0.06	1.00
v75725	A	1	24	-3.81	0.06	0.97
v75725	B	0	1	-4.43	0.00	0.58
v75725	C	0	1	-3.82	0.00	1.07
v75725	Missing	0	1393	-5.11	0.06	1.00
v75726	A	1	24	-3.80	0.07	0.99
v75726	B	0	0	0.00	0.00	0.00
v75726	C	0	2	-4.80	0.38	0.43
v75726	Missing	0	1393	-5.11	0.06	1.00
v75727	A	1	22	-3.62	0.04	0.78
v75727	B	0	5	-4.83	0.48	0.57
v75727	C	0	0	0.00	0.00	0.00
v75727	Missing	0	1392	-5.11	0.06	1.00
v75728	A	1	16	-3.70	0.05	0.85
v75728	B	0	4	-4.28	0.25	0.74
v75728	C	0	2	-4.98	0.56	0.39
v75728	Missing	0	1397	-5.10	0.06	1.00
v75729	A	1	16	-3.81	0.09	1.01
v75729	B	0	1	-3.70	0.00	1.20
v75729	C	0	9	-4.29	0.23	0.77
v75729	Missing	0	1393	-5.10	0.06	1.00
v75730	A	1	19	-3.94	0.15	1.43
v75730	B	0	3	-4.16	0.18	0.78
v75730	C	0	4	-4.12	0.26	0.86
v75730	Missing	0	1393	-5.10	0.06	1.00
v75731	A	1	20	-3.83	0.08	1.03
v75731	B	0	6	-4.27	0.29	0.80
v75731	C	0	2	-3.89	0.19	1.01
v75731	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75732	A	1	21	-3.86	0.08	1.06
v75732	B	0	1	-4.09	0.00	0.82
v75732	C	0	5	-4.26	0.18	0.73
v75732	Missing	0	1392	-5.11	0.06	1.00
v75733	A	1	12	-3.90	0.20	1.38
v75733	B	0	4	-3.83	0.09	1.07
v75733	C	0	11	-4.26	0.21	0.81
v75733	Missing	0	1392	-5.10	0.06	1.00
v75734	A	1	23	-3.68	0.05	0.84
v75734	B	0	1	-3.82	0.00	1.07
v75734	C	0	3	-4.26	0.32	0.75
v75734	Missing	0	1392	-5.11	0.06	1.00
v75735	A	1	21	-3.68	0.04	0.83
v75735	B	0	3	-4.84	0.42	0.46
v75735	C	0	3	-5.12	0.26	0.31
v75735	Missing	0	1392	-5.11	0.06	1.00
v75736	A	1	23	-3.78	0.08	0.98
v75736	B	0	3	-4.97	0.81	0.53
v75736	C	0	1	-4.09	0.00	0.82
v75736	Missing	0	1392	-5.11	0.06	1.00
v75737	A	1	17	-3.66	0.05	0.82
v75737	B	0	5	-4.04	0.23	0.93
v75737	C	0	4	-3.87	0.13	1.04
v75737	Missing	0	1393	-5.11	0.06	1.00
v75738	A	1	25	-3.76	0.05	0.91
v75738	B	0	1	-4.24	0.00	0.70
v75738	C	0	1	-4.64	0.00	0.47
v75738	Missing	0	1392	-5.11	0.06	1.00
v75739	A	1	22	-3.82	0.14	1.47
v75739	B	0	4	-4.53	0.34	0.60
v75739	C	0	1	-4.09	0.00	0.82
v75739	Missing	0	1392	-5.11	0.06	1.00
v75740	A	1	24	-3.72	0.04	0.87
v75740	B	0	0	0.00	0.00	0.00
v75740	C	0	2	-4.56	0.62	0.61
v75740	Missing	0	1393	-5.11	0.06	1.00
v75766	A	1	25	-3.71	0.05	0.87
v75766	B	0	1	-4.43	0.00	0.58
v75766	C	0	0	0.00	0.00	0.00
v75766	Missing	0	1393	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75767	A	1	25	-3.65	0.03	0.80
v75767	B	0	1	-4.24	0.00	0.70
v75767	C	0	0	0.00	0.00	0.00
v75767	Missing	0	1393	-5.11	0.06	1.00
v75768	A	1	23	-3.82	0.07	0.99
v75768	B	0	3	-4.20	0.27	0.79
v75768	C	0	1	-4.43	0.00	0.58
v75768	Missing	0	1392	-5.11	0.06	1.00
v75769	A	1	14	-3.80	0.12	1.05
v75769	B	0	5	-3.92	0.19	1.02
v75769	C	0	7	-4.16	0.23	0.85
v75769	Missing	0	1393	-5.11	0.06	1.00
v75770	A	1	5	-3.62	0.04	0.77
v75770	B	0	16	-4.04	0.12	0.93
v75770	C	0	6	-3.92	0.20	1.03
v75770	Missing	0	1392	-5.11	0.06	1.00
v75771	A	1	26	-3.81	0.07	1.01
v75771	B	0	0	0.00	0.00	0.00
v75771	C	0	1	-4.24	0.00	0.70
v75771	Missing	0	1392	-5.11	0.06	1.00
v75772	A	1	21	-3.70	0.06	0.88
v75772	B	0	3	-4.59	0.19	0.51
v75772	C	0	4	-4.43	0.36	0.69
v75772	Missing	0	1391	-5.11	0.06	1.00
v75773	A	1	23	-3.83	0.09	1.05
v75773	B	0	2	-4.24	0.00	0.70
v75773	C	0	1	-3.94	0.00	0.94
v75773	Missing	0	1393	-5.11	0.06	1.00
v75774	A	1	21	-3.76	0.05	0.90
v75774	B	0	3	-3.91	0.11	0.98
v75774	C	0	4	-4.27	0.24	0.74
v75774	Missing	0	1391	-5.11	0.06	1.00
v75775	A	1	25	-3.72	0.04	0.87
v75775	B	0	1	-4.64	0.00	0.47
v75775	C	0	1	-4.43	0.00	0.58
v75775	Missing	0	1392	-5.11	0.06	1.00
v75776	A	1	17	-3.69	0.07	0.86
v75776	B	0	7	-4.14	0.15	0.83
v75776	C	0	2	-4.09	0.00	0.82
v75776	Missing	0	1393	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75777	A	1	19	-3.74	0.05	0.89
v75777	B	0	6	-4.18	0.16	0.79
v75777	C	0	2	-5.59	0.40	0.20
v75777	Missing	0	1392	-5.10	0.06	1.00
v75778	A	1	24	-3.84	0.08	1.06
v75778	B	0	3	-5.35	0.77	0.40
v75778	C	0	1	-3.70	0.00	1.20
v75778	Missing	0	1391	-5.11	0.06	1.00
v75779	A	1	20	-3.67	0.04	0.82
v75779	B	0	3	-3.88	0.14	1.03
v75779	C	0	3	-4.59	0.19	0.51
v75779	Missing	0	1393	-5.11	0.06	1.00
v75780	A	1	21	-3.64	0.04	0.80
v75780	B	0	4	-4.16	0.34	0.87
v75780	C	0	2	-4.64	0.00	0.47
v75780	Missing	0	1392	-5.11	0.06	1.00
v75781	A	1	19	-3.73	0.06	0.89
v75781	B	0	4	-3.95	0.09	0.94
v75781	C	0	4	-3.94	0.14	0.98
v75781	Missing	0	1392	-5.11	0.06	1.00
v75782	A	1	17	-3.69	0.04	0.84
v75782	B	0	3	-4.54	0.24	0.55
v75782	C	0	6	-4.34	0.20	0.69
v75782	Missing	0	1393	-5.10	0.06	1.00
v75783	A	1	20	-3.71	0.06	0.87
v75783	B	0	2	-4.09	0.00	0.82
v75783	C	0	5	-4.34	0.30	0.75
v75783	Missing	0	1392	-5.11	0.06	1.00
v75784	A	1	19	-3.88	0.13	1.32
v75784	B	0	8	-4.28	0.23	0.78
v75784	C	0	0	0.00	0.00	0.00
v75784	Missing	0	1392	-5.10	0.06	1.00
v75785	A	1	25	-3.82	0.07	1.01
v75785	B	0	0	0.00	0.00	0.00
v75785	C	0	2	-4.01	0.07	0.88
v75785	Missing	0	1392	-5.11	0.06	1.00
v75811	A	1	19	-3.73	0.06	0.90
v75811	B	0	2	-4.79	1.19	0.72
v75811	C	0	5	-4.98	0.29	0.38
v75811	Missing	0	1393	-5.10	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75812	A	1	18	-3.67	0.04	0.83
v75812	B	0	5	-4.49	0.39	0.71
v75812	C	0	3	-4.11	0.30	0.87
v75812	Missing	0	1393	-5.11	0.06	1.00
v75813	A	1	19	-3.95	0.12	1.28
v75813	B	0	4	-4.09	0.19	0.86
v75813	C	0	4	-4.12	0.24	0.86
v75813	Missing	0	1392	-5.10	0.06	1.00
v75814	A	1	14	-3.73	0.06	0.89
v75814	B	0	13	-3.92	0.12	1.03
v75814	C	0	0	0.00	0.00	0.00
v75814	Missing	0	1392	-5.11	0.06	1.00
v75815	A	1	24	-3.79	0.06	0.96
v75815	B	0	1	-3.70	0.00	1.20
v75815	C	0	2	-3.82	0.12	1.07
v75815	Missing	0	1392	-5.11	0.06	1.00
v75816	A	1	24	-3.74	0.09	1.00
v75816	B	0	1	-3.82	0.00	1.07
v75816	C	0	2	-3.88	0.06	1.00
v75816	Missing	0	1392	-5.11	0.06	1.00
v75817	A	1	23	-3.78	0.06	0.95
v75817	B	0	2	-4.50	0.68	0.67
v75817	C	0	2	-4.89	0.00	0.37
v75817	Missing	0	1392	-5.11	0.06	1.00
v75818	A	1	21	-3.77	0.08	0.96
v75818	B	0	3	-4.64	0.47	0.57
v75818	C	0	2	-5.03	0.15	0.32
v75818	Missing	0	1393	-5.10	0.06	1.00
v75819	A	1	20	-3.66	0.03	0.81
v75819	B	0	0	0.00	0.00	0.00
v75819	C	0	6	-4.56	0.33	0.63
v75819	Missing	0	1393	-5.11	0.06	1.00
v75820	A	1	15	-3.73	0.08	0.91
v75820	B	0	7	-3.92	0.12	1.00
v75820	C	0	5	-3.94	0.10	0.97
v75820	Missing	0	1392	-5.11	0.06	1.00
v75821	A	1	28	-3.95	0.09	1.21
v75821	B	0	0	0.00	0.00	0.00
v75821	C	0	0	0.00	0.00	0.00
v75821	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75822	A	1	22	-3.77	0.06	0.93
v75822	B	0	3	-4.16	0.30	0.83
v75822	C	0	2	-4.66	0.23	0.47
v75822	Missing	0	1392	-5.11	0.06	1.00
v75823	A	1	23	-3.77	0.05	0.92
v75823	B	0	1	-4.09	0.00	0.82
v75823	C	0	3	-4.14	0.38	0.88
v75823	Missing	0	1392	-5.11	0.06	1.00
v75824	A	1	22	-3.83	0.06	0.98
v75824	B	0	5	-3.83	0.08	1.07
v75824	C	0	0	0.00	0.00	0.00
v75824	Missing	0	1392	-5.11	0.06	1.00
v75825	A	1	23	-3.77	0.07	0.97
v75825	B	0	1	-3.94	0.00	0.94
v75825	C	0	3	-4.85	0.52	0.51
v75825	Missing	0	1392	-5.11	0.06	1.00
v75826	A	1	27	-3.83	0.09	1.08
v75826	B	0	0	0.00	0.00	0.00
v75826	C	0	0	0.00	0.00	0.00
v75826	Missing	0	1392	-5.11	0.06	1.00
v75827	A	1	20	-3.85	0.09	1.07
v75827	B	0	4	-4.37	0.17	0.64
v75827	C	0	4	-4.60	0.53	0.69
v75827	Missing	0	1391	-5.10	0.06	1.00
v75828	A	1	20	-3.76	0.07	0.94
v75828	B	0	5	-4.16	0.27	0.86
v75828	C	0	2	-4.68	0.86	0.63
v75828	Missing	0	1392	-5.11	0.06	1.00
v75829	A	1	22	-3.75	0.09	1.02
v75829	B	0	3	-4.22	0.34	0.79
v75829	C	0	2	-4.39	0.79	0.80
v75829	Missing	0	1392	-5.11	0.06	1.00
v75830	A	1	21	-3.73	0.08	0.95
v75830	B	0	3	-4.46	0.37	0.64
v75830	C	0	3	-4.28	0.34	0.75
v75830	Missing	0	1392	-5.11	0.06	1.00
v75856	A	1	25	-3.82	0.09	1.08
v75856	B	0	0	0.00	0.00	0.00
v75856	C	0	3	-4.97	0.81	0.53
v75856	Missing	0	1391	-5.11	0.06	1.00

Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75857	A	1	25	-3.74	0.05	0.89
v75857	B	0	2	-4.56	0.62	0.61
v75857	C	0	0	0.00	0.00	0.00
v75857	Missing	0	1392	-5.11	0.06	1.00
v75858	A	1	23	-3.81	0.08	1.02
v75858	B	0	3	-4.14	0.05	0.78
v75858	C	0	1	-4.24	0.00	0.70
v75858	Missing	0	1392	-5.11	0.06	1.00
v75859	A	1	23	-3.68	0.03	0.82
v75859	B	0	2	-4.07	0.36	0.89
v75859	C	0	2	-5.36	0.18	0.23
v75859	Missing	0	1392	-5.11	0.06	1.00
v75860	A	1	20	-3.80	0.06	0.96
v75860	B	0	4	-4.36	0.41	0.76
v75860	C	0	2	-3.95	0.13	0.94
v75860	Missing	0	1393	-5.11	0.06	1.00
v75861	A	1	23	-3.81	0.09	1.06
v75861	B	0	3	-4.18	0.36	0.83
v75861	C	0	2	-4.71	0.47	0.48
v75861	Missing	0	1391	-5.11	0.06	1.00
v75862	A	1	26	-3.70	0.04	0.85
v75862	B	0	1	-5.18	0.00	0.27
v75862	C	0	0	0.00	0.00	0.00
v75862	Missing	0	1392	-5.11	0.06	1.00
v75863	A	1	19	-3.71	0.03	0.85
v75863	B	0	5	-4.75	0.36	0.52
v75863	C	0	4	-4.96	0.27	0.38
v75863	Missing	0	1391	-5.10	0.06	1.00
v75864	A	1	20	-3.89	0.12	1.23
v75864	B	0	4	-4.30	0.31	0.74
v75864	C	0	3	-3.87	0.11	1.03
v75864	Missing	0	1392	-5.11	0.06	1.00
v75865	A	1	13	-3.63	0.06	0.80
v75865	B	0	10	-3.90	0.10	1.02
v75865	C	0	3	-4.59	0.36	0.56
v75865	Missing	0	1393	-5.11	0.06	1.00
v75866	A	1	23	-3.74	0.04	0.89
v75866	B	0	2	-5.18	0.00	0.27
v75866	C	0	3	-4.77	0.28	0.45
v75866	Missing	0	1391	-5.11	0.06	1.00

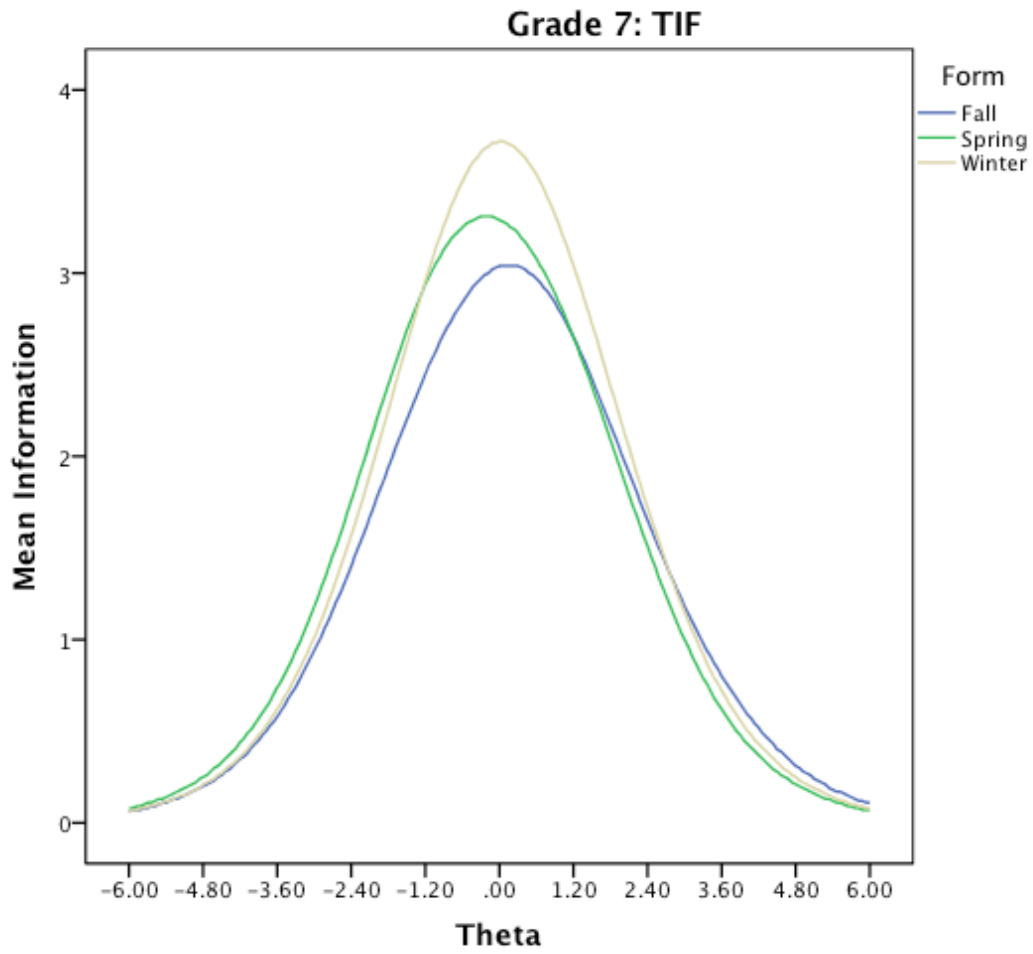
Table 2
Distractor Analysis Results Cont.

Item	Answer choice	Score	# of students	Average measure	Standard error	Mean square outfit
v75867	A	1	24	-3.87	0.07	1.06
v75867	B	0	3	-4.64	0.47	0.57
v75867	C	0	0	0.00	0.00	0.00
v75867	Missing	0	1392	-5.11	0.06	1.00
v75868	A	1	24	-3.72	0.06	0.90
v75868	B	0	0	0.00	0.00	0.00
v75868	C	0	4	-4.02	0.09	0.88
v75868	Missing	0	1391	-5.11	0.06	1.00
v75869	A	1	26	-3.94	0.09	1.19
v75869	B	0	1	-4.89	0.00	0.37
v75869	C	0	0	0.00	0.00	0.00
v75869	Missing	0	1392	-5.10	0.06	1.00
v75870	A	1	25	-3.85	0.09	1.12
v75870	B	0	1	-4.09	0.00	0.82
v75870	C	0	0	0.00	0.00	0.00
v75870	Missing	0	1393	-5.11	0.06	1.00
v75871	A	1	26	-3.71	0.04	0.85
v75871	B	0	1	-4.43	0.00	0.58
v75871	C	0	0	0.00	0.00	0.00
v75871	Missing	0	1392	-5.11	0.06	1.00
v75872	A	1	26	-3.81	0.05	0.95
v75872	B	0	0	0.00	0.00	0.00
v75872	C	0	1	-4.24	0.00	0.70
v75872	Missing	0	1392	-5.11	0.06	1.00
v75873	A	1	27	-3.80	0.06	0.97
v75873	B	0	1	-3.70	0.00	1.20
v75873	C	0	0	0.00	0.00	0.00
v75873	Missing	0	1391	-5.11	0.06	1.00
v75874	A	1	23	-3.84	0.05	0.99
v75874	B	0	3	-4.90	0.16	0.37
v75874	C	0	0	0.00	0.00	0.00
v75874	Missing	0	1393	-5.10	0.06	1.00
v75875	A	1	13	-3.65	0.06	0.81
v75875	B	0	7	-4.02	0.16	0.93
v75875	C	0	6	-4.21	0.27	0.81
v75875	Missing	0	1393	-5.11	0.06	1.00

Table 3
Test Information Summary

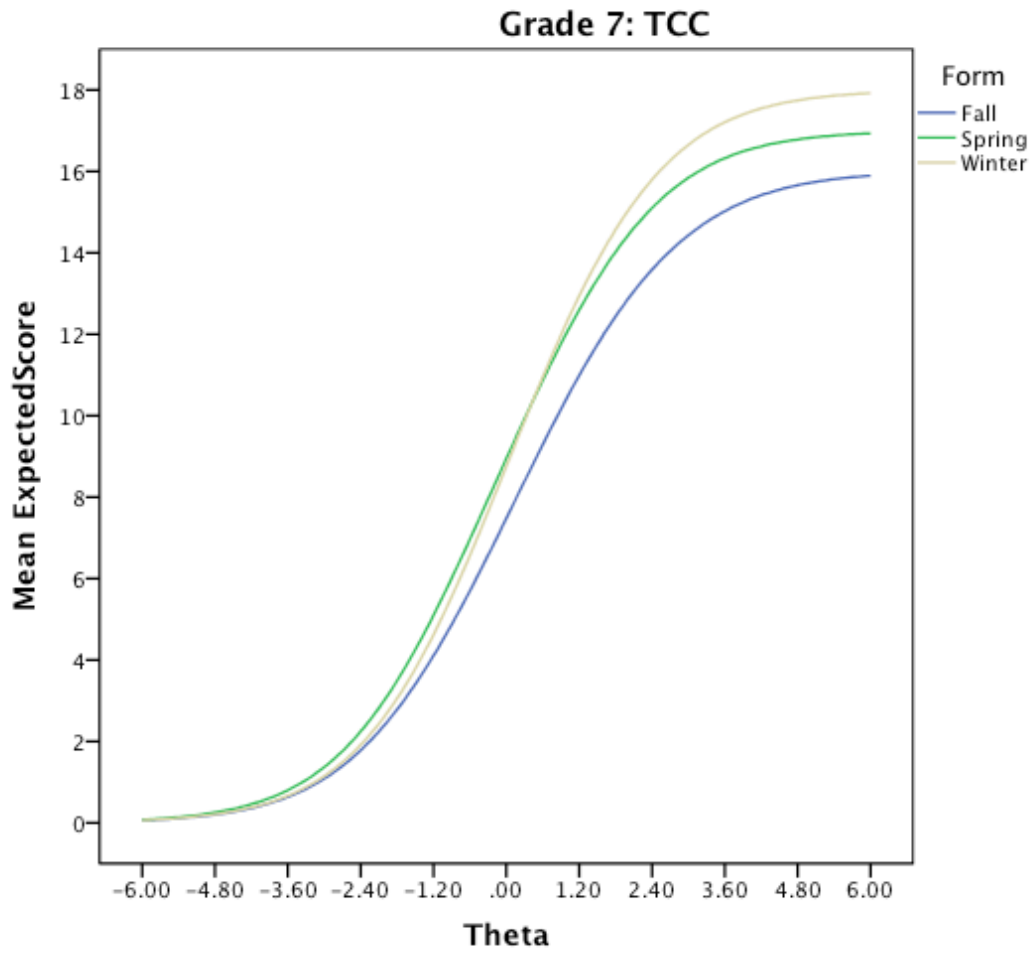
Form	Mean measure
Form 1	-0.16
Form 2	-0.17
Form 3	-0.17
Form 4	-0.16
Form 5	-0.17
Form 6	-0.14
Form 7	-0.14
Form 8	-0.15
Form 9	-0.14
Form 10	-0.14
Benchmark 1	-0.16
Benchmark 2	-0.16
Benchmark 3	-0.14

Figure 1. Test Information Function of Grade 7 Vocabulary Measures



Note. Winter form has one more item represented.

Figure 2. Test Characteristics Curve of Grade 7 Vocabulary Measures



Note. Winter form has one more item represented.