

World-Class Instructional Design and Assessment



**Annual Technical Report for  
ACCESS for ELLs 2.0 Paper English Language Proficiency Test,  
Series 401, 2016–2017 Administration**

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Volume 3 of 3: Analyses Across Tiers**

Prepared by:

Center for Applied Linguistics

Language Assessment Division  
Psychometrics and Quantitative Research Team

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## 7. Analysis Across Tiers: Overview

### 7.1 Background

#### 7.1.1 Reliability of Composites

Four composite scores are reported for ACCESS 2.0 Paper: Oral Language (Oral), Literacy (Litr), Comprehension (Cphn), and Overall Composite (Over). To estimate the reliability of these composite scores, a stratified Cronbach's alpha coefficient (e.g., Kamata, Turhan, & Darandari, 2003; Kane & Case, 2004; Rudner, 2001) is computed, weighted by the contribution of each domain score into the composite. Specifically, the formula is

$$\alpha_c = 1 - \frac{\sum_{j=1}^k w_j^2 \sigma_j^2 (1-\rho_j)}{\sigma_c^2}$$

where

$k$  = number of components  $j$

$w_j$  = weight of component  $j$

$\sigma_j^2$  = variance of component  $j$

$\sigma_c^2$  = variance of composite

$\rho_j$  = reliability coefficient of component  $j$ .

The input to compute the stratified Cronbach's alpha is provided in the appropriate tables in Chapter 8.

Note that when Cronbach's alpha is computed for domains, as described in Section 5.2.8, the alpha is computed for each test form. When stratified Cronbach's alpha is computed for the composites, it is computed by grade-level cluster, as there is not a one-to-one relationship between test forms and grade-level clusters. For example, for Grade 2, Cronbach's alpha for the domains of Listening and Reading is computed for the Cluster 1–2 Tier A, Tier B, and Tier C test forms. For the domains of Writing and Speaking, Cronbach's alpha is computed for the Cluster 2–3 Tier A test form and for the Tier B and C test form (recall Tier B and Tier C are the same form for Writing and Speaking). However, to compute Cronbach's alpha for the Grade 2 composites, the analysis is run at the grade-level cluster. The variance and the reliability at the grade-level cluster for each of the domains is presented, along with the variance and reliability of the composite.

#### 7.1.2 Accuracy and Consistency of Classification

For each domain across tiers, as well as for the four composite scores, tables are provided that indicate estimates of the accuracy and consistency of classification of examinees into the WIDA proficiency levels based on their performance on the test. It is important to know the reliability

of any student's test score and the degree of precision with which it has been measured (i.e., the estimate of the invariant standard error of measure [SEM] of classical test theory and the estimate of the variable conditional standard error of the Rasch measurement model). However, because decisions about students are ultimately made on the basis of their classification into proficiency levels according to their performance on ACCESS 2.0 Paper, it is important to know how well these classifications are made. The analyses that were used utilize the methods outlined and implemented in Livingston and Lewis (1995) and Young and Yoon (1998) as implemented in the software program BB-CLASS (Brennan, 2004b) (cf. also Lee, Hanson, & Brennan, 2002).

In the approach of Livingston and Lewis (1995), the accuracy of a decision is the extent to which decisions made on the basis of the administered test (i.e., the observed scores) would agree with those made if each student could somehow be tested with all possible parallel forms of the assessments; that is, the examinees' "true score." Meanwhile, the consistency of a decision is the extent to which decisions made on the basis of the administered test would agree with those made if each student were to take a different but parallel form of the test. Thus, in every analysis of classification, two parallel analyses are made: accuracy (vis-à-vis "true scores") and consistency (vis-à-vis a parallel test).

In terms of classifications around a single cut point, students can be misclassified in one of two ways. Students who were below the proficiency level cut score (based on their "true score"), but were classified based on the observed score as being above the cut score, are considered to be false positives. Students who were above the proficiency level cut score (based on their "true score"), but were classified as being below a cut score based on the observed score, are considered to be false negatives. All other students are considered to be accurately placed either above or below the cut score.

True scores are, of course, unknown. The approach taken by Livingston and Lewis (1995) and implemented here uses information about the reliability of the test, the cut scores, and the observed distribution of scores. Then, using a four-parameter beta distribution, the distribution of the true scores and of scores on a parallel form were modeled. Overall accuracy and consistency indices are produced by comparing the percentage of students classified across all categories the same way by both the observed distribution and modeled distribution. These indices indicate the percent of all students who would be classified into the same proficiency level by both the administered test and either the true score distribution (accuracy) or a parallel test (consistency). (These tables also provide an estimate of Cohen's kappa statistic, which is a very conservative estimate of the overall classification since it corrects for chance.)

Accuracy and consistency are also observed conditional on the proficiency level. These indices examine the percent of students classified by both tests into a proficiency level divided by all students classified into that level according either to the true score distribution (accuracy) or a parallel test (consistency).

Finally, the most important set of indices may be the indices at the cut points. At every cut point, using the true score distribution (i.e., accuracy), the percentage of students who are consistently

placed above and below the cut score is provided, as well as those who are false positives and false negatives. For consistency, only the percentage of students classified consistently above and below the cut score is calculated. Thus, for example, to evaluate the degree of confidence that one can have in a decision made based on the Overall Composite score as to whether or not students are being accurately classified into PL 5 (“Bridging”), one can look at the accuracy index provided in the table for the cut score 4/5.

## 7.2 Descriptions

### 7.2.1 Scale Score Information (Figure A and Table A)

Figure A and Table A relate to the ACCESS 2.0 Paper scale scores that were achieved by students in the grade-level cluster. Figure A shows the distribution of the scale scores. The horizontal axis shows the full range of all scale scores observed for the grade-level cluster. To provide a full perspective, it extends somewhat below and above the range of observed scale scores. The vertical axis shows the number of students (count). Each bar shows how many students were awarded each scale score. Note that, for Listening and Reading, the effects of capping the scores for Tier A and Tier B can often be clearly detected in this figure.

Table A shows, by grade and by total for the grade-level cluster:

- The number of students in the analyses (the number students who were not absent, invalid, refused, exempt, or in the wrong cluster),
- the minimum observed scale score,
- the maximum observed scale score,
- the mean (average) scale score, and
- the standard deviation (std. dev.) of the scale scores.

### 7.2.2 Proficiency Level Information (Figure B and Table B)

Figure B and Table B provide information on the proficiency level distribution of the students in the grade-level cluster. Figure B shows the distribution of the proficiency levels. The horizontal axis shows the six WIDA proficiency levels. The vertical axis shows the percentage of students. Each bar shows the percentage of students who were placed into each proficiency level.

Each row of Table B shows, by grade and by total for the grade-level cluster:

- The WIDA proficiency level designation (1–6),
- the number of students (count) whose performance on the test form placed them into that proficiency level in the domain being tested, and
- the percentage of students, out of the total number of students taking the form within a grade or within the total of students in the grade-level cluster, who were placed into that proficiency level in the domain being tested.

### **7.2.3 Conditional Standard Error of Measurement at Cut Scores (Table C)**

Table C and Figures C and D provide information across the three overlapping tiers within a grade-level cluster and on the comparative conditional standard error of measurement (CSEM). Note that this information is presented only by domain.

Table C presents information on the CSEM at the most important points at which decisions are made about students, based on performance on ACCESS 2.0 Paper—the cut points between proficiency levels. Because the cut points depend on grade level, information is provided for each grade within the grade-level cluster. The leftmost column shows the cut (e.g., 1/2, which is the cut score between PL 1 and PL 2). The next column shows the grade level. The next column shows the cut score in the scale score metric (e.g., 305). In the last column(s), the corresponding CSEM is given for each cut score in the scale score metric. For each of the other grade-level clusters, the SEMs for the cut scores are provided in one table for the tiers (A, B, and C).

From this table, it is possible to examine how well the different tiers are targeted for making decisions about students at the various cut scores. For example, Tier A is intended for students at the lowest end of the language proficiency continuum. Optimally, Tier A forms should have the lowest CSEM of any tier at the 1/2 cut point, and a relatively low CSEM at the 2/3 cut point. At the other end of the continuum, Tier C forms should optimally have the lowest CSEM at the 5/6 cut point, and a relatively low CSEM at the 4/5 cut point. Tier B should have low CSEM in the middle range. Information from this table provides comparable information on how well the three tiers are targeted to provide the most accurate measure in order to place their intended examinees into the proficiency levels that they target. (Note that, because of the capping of scores on Tiers A and B, there is no information given for some of the cuts.)

### **7.2.4 Test Characteristic Curve (Figure C)**

Figure C shows the test characteristic curve across the entire test for Kindergarten and across the three tiers for the other grade-level clusters. (Note that this information is provided only by domains.) It shows graphically how the tiers differ in difficulty. Tier A is represented by a dotted curve, Tier B by a light solid curve, and Tier C by a dark solid curve. Note that not all tiers have the same number of items, therefore direct comparison between tiers has limitations. Thus, some curves for Listening and Reading in this figure may not end at the top horizontal line. Five vertical lines in the graphic indicate the cut scores at the highest grade in each cluster only.

### **7.2.5 Test Information Function (Figure D)**

Figure D compares the test information function across the entire test for Kindergarten and across the three tiers for the other grade-level clusters. (Note that this information is provided only by domains.) This figure reflects the SEM columns in Table C. Again, Tier A is represented by a dotted curve, Tier B by a light solid curve, and Tier C by a dark solid curve. As in Figure C, the cut scores at the highest grade in each grade-level cluster are indicated by vertical lines. These lines make it easy to see which form measures most accurately at which cut score.

### **7.2.6 Reliability Information (Table D)**

In order to produce accuracy and consistency of classification tables, it was necessary to produce a single reliability estimate across the three tiers. This information is presented by cluster. For the domains, this was a weighted reliability estimate (Cronbach's alpha). In other words, it is the average reliability weighted by the number of students who were administered that tiered form. Thus, Table D, based on the information from Table F in Chapter 6, provides the number of students and the reliability estimate for each tier. The final column presents the weighted reliability, which is an estimate of the reliability of the scale scores across the tiers.

For the composite scores, Table D presents the data used to calculate an estimate of the reliability of the composite using stratified Cronbach's alpha (see Section 7.1.1). The first column shows the components forming the composite, the second column shows the weight of the composite in the total score, the third shows the variance of the scale scores, and the fourth shows the reliability of the composite. (Note that these are the weighted reliabilities across the tiers.) Unlike the weighted composite, which is an average, the stratified alpha reflects the fact that there are 2–4 measures being combined into one single measure. Thus, the reliability of the composite score will be higher than the reliability of any single sub-score within the composite.

### **7.2.7 Accuracy and Consistency of Classification Tables (Table E)**

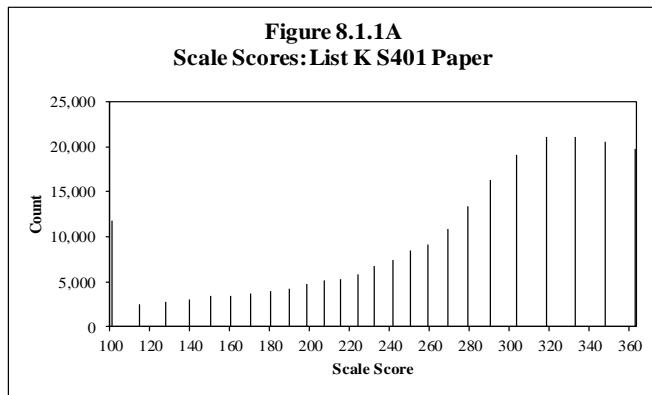
Table E presents three rows of information related to the accuracy and consistency of placement into the WIDA proficiency levels (see Section 7.1.2). These tables are presented by grade. The first row provides overall indices related to the accuracy and consistency of classification, as well as Cohen's kappa. The second row of information shows accuracy and consistency information conditional per proficiency level. The third provides indices of classification accuracy and consistency at the cut points. These indices are perhaps the most important of all when using any of these as an absolute cut-point (i.e., determining which students have reached PL 6). Note that the consistency is generally higher at the cut points than over the proficiency levels. For practical purposes, the primary scores used for such decisions are the Overall Composite scores.

Because of the scoring caps placed on Listening and Reading, there are several cases where there were no test takers placed into the proficiency level and accuracy of classification conditional on that level cannot be computed. In these cases, 'NA' has been placed in the table. In addition, there are a few cases where due to the small percentage of test takers placed into the proficiency level and the range of observed scale scores, accuracy of classification conditional on that level cannot be estimated by BB-CLASS. In such cases, a hyphen (-) has been placed in the table. For Writing, these results can also occur in higher proficiency levels.

## 8 Analyses Across Tiers: Results

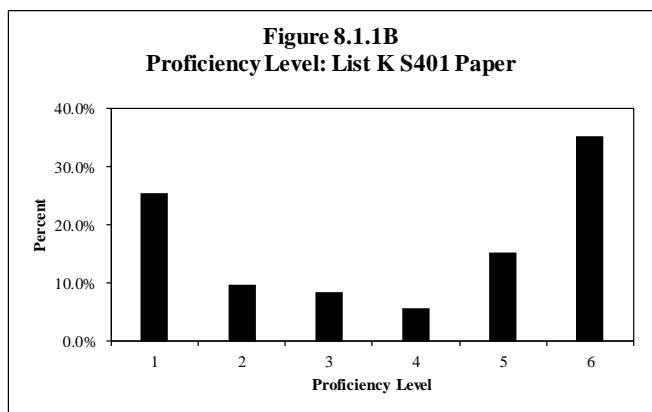
### 8.1 Grade: K

#### 8.1.1 Listening K



**Table 8.1.1A**  
Scale Score Descriptive Statistics: List K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,593	100	363	269.31	73.06



**Table 8.1.1B**  
Proficiency Level Distribution:  
List K S401 Paper

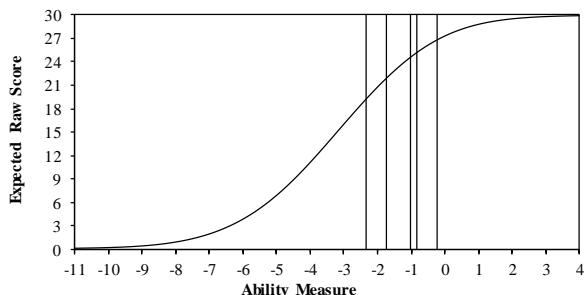
Level	Count	Percent
1	59,724	25.6%
2	22,676	9.7%
3	19,934	8.5%
4	13,397	5.7%
5	35,434	15.2%
6	82,428	35.3%
Total	233,593	100.0%

**Table 8.1.1C**

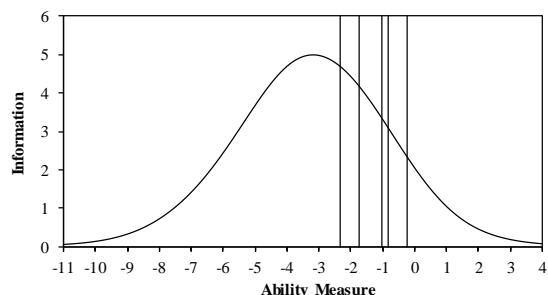
Conditional Standard Error of Measurement  
at Cut Scores: List K S401 Paper

Proficiency Level	Cut Score	SEM
1/2	229	17.28
2/3	251	18.41
3/4	278	20.66
4/5	286	21.42
5/6	308	24.80

**Figure 8.1.1C**  
Test Characteristic Curve: List K S401 Paper



**Figure 8.1.1D**  
Test Information Function: List K S401 Paper



**Table 8.1.1D**

Reliability: List K S401 Paper

Tiers	No. of Students	Reliability
-	233,593	0.939

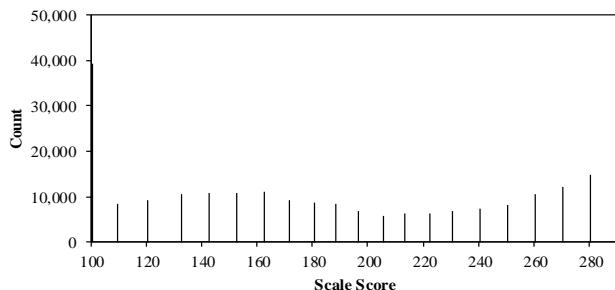
**Table 8.1.1E**

Accuracy and Consistency of Classification Indices: List (Grade K) S401 Paper

Overall Indices	Accuracy	Consistency		Kappa (k)
	0.688	0.624	0.504	
Conditional on Level	Level	Accuracy		Consistency
	1	0.878		0.826
	2	0.462		0.344
	3	0.328		0.249
	4	0.215		0.158
	5	0.464		0.351
	6	0.825		0.774
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.943	0.032	0.921
	2/3	0.931	0.027	0.905
	3/4	0.919	0.046	0.888
	4/5	0.910	0.042	0.879
	5/6	0.899	0.033	0.860

## 8.1.2 Reading K

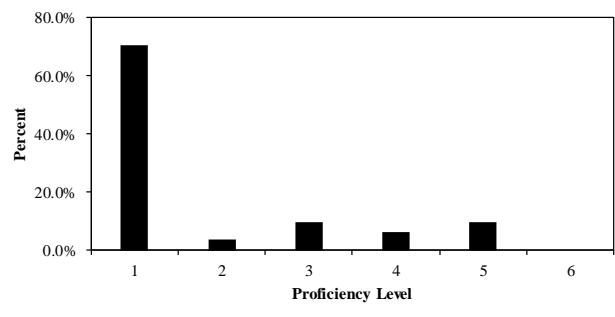
**Figure 8.1.2A**  
Scale Scores: Read K S401 Paper



**Table 8.1.2A**  
Scale Score Descriptive Statistics: Read K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,592	100	290	189.73	67.16

**Figure 8.1.2B**  
Proficiency Level: Read K S401 Paper



**Table 8.1.2B**

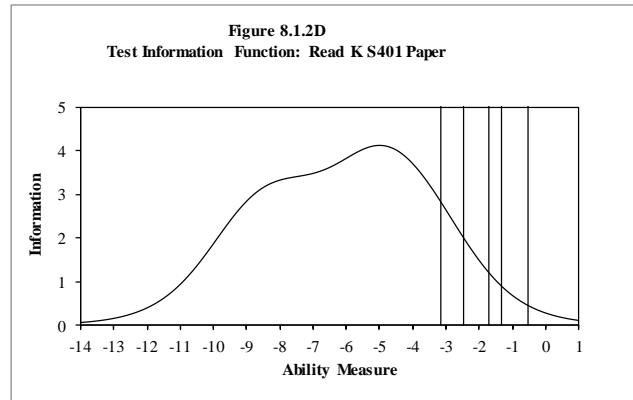
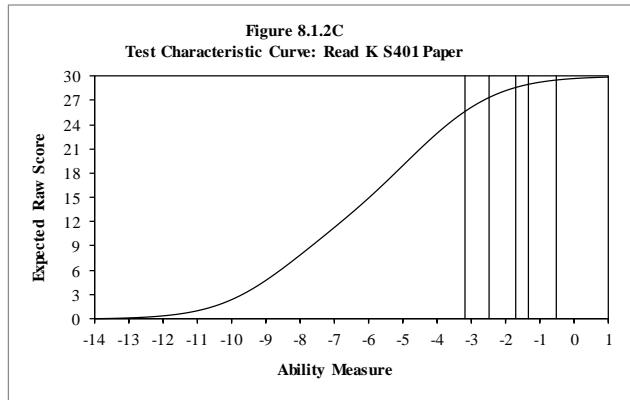
Proficiency Level Distribution:  
Read K S401 Paper

Level	Count	Percent
1	165,131	70.7%
2	8,267	3.5%
3	22,717	9.7%
4	14,680	6.3%
5	22,797	9.8%
6	0	0.0%
Total	233,592	100.0%

**Table 8.1.2C**

Conditional Standard Error of Measurement  
at Cut Scores: Read K S401 Paper

Proficiency Level	Cut Score	SEM
1/2	238	15.08
2/3	251	16.90
3/4	261	18.98
4/5	274	22.10
5/6	295	30.68



**Table 8.1.2D**

Reliability: Read K S401 Paper

Tiers	No. of Students	Reliability
-	233,592	0.949

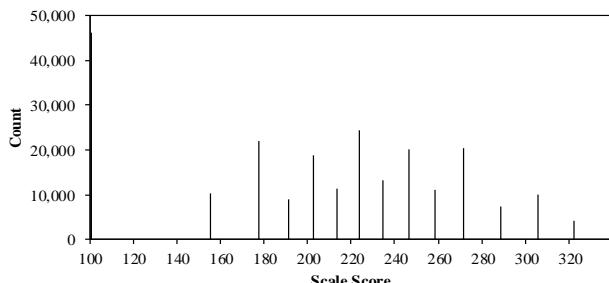
**Table 8.1.2E**

Accuracy and Consistency of Classification Indices: Read (Grade K) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.805	0.776	0.541	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.974	0.963	
	2	0.236	0.164	
	3	0.537	0.410	
	4	0.302	0.265	
	5	0.740	0.573	
	6	N/A	N/A	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.956	0.018	0.935
	2/3	0.957	0.030	0.937
	3/4	0.946	0.034	0.925
	4/5	0.918	0.073	0.912
	5/6	N/A	N/A	N/A

### 8.1.3 Writing K

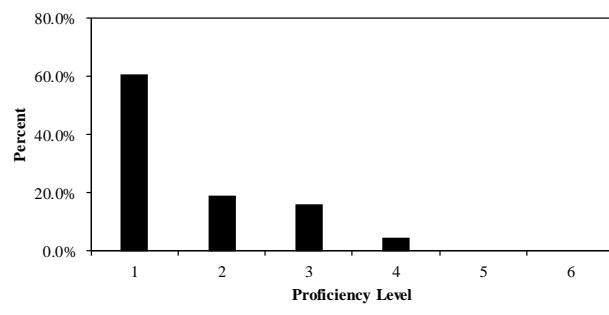
**Figure 8.1.3A**  
Scale Scores: Writ K S401 Paper



**Table 8.1.3A**  
Scale Score Descriptive Statistics: Writ K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,593	100	339	206.74	66.82

**Figure 8.1.3B**  
Proficiency Level: Writ K S401 Paper



**Table 8.1.3B**

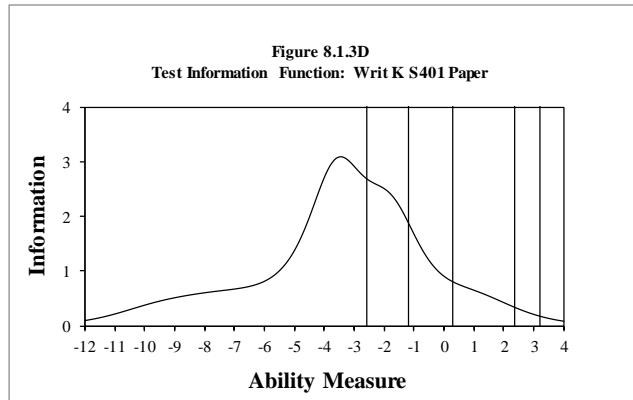
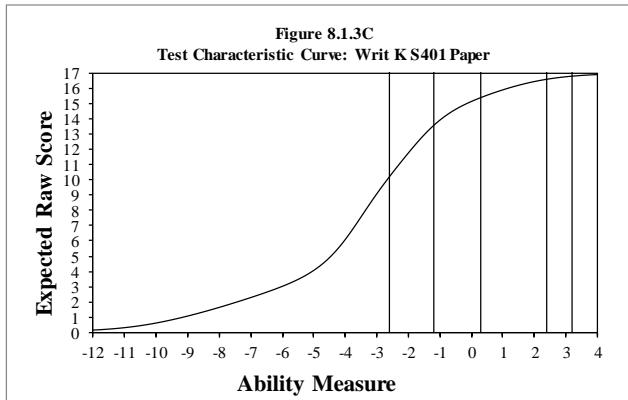
Proficiency Level Distribution:  
Writ K S401 Paper

Level	Count	Percent
1	141,607	60.6%
2	44,143	18.9%
3	37,550	16.1%
4	10,293	4.4%
5	0	0.0%
6	0	0.0%
Total	233,593	100.0%

**Table 8.1.3C**

Conditional Standard Error of Measurement  
at Cut Scores: Writ K S401 Paper

Proficiency Level	Cut Score	SEM
1/2	225	18.35
2/3	259	19.90
3/4	295	26.43
4/5	323	33.90
5/6	350	38.87



**Table 8.1.3D**

Reliability: Writ K S401 Paper

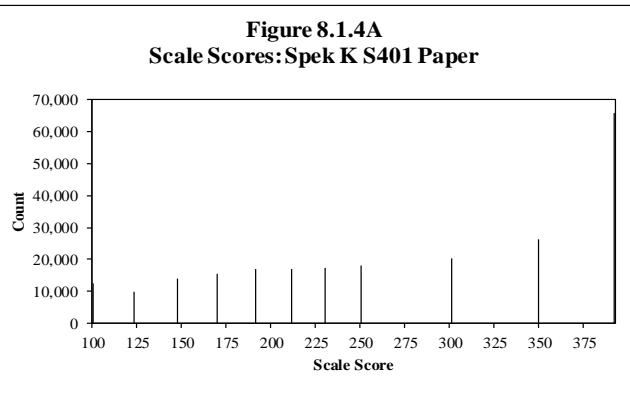
Tiers	No. of Students	Reliability
-	233,593	0.923

**Table 8.1.3E**

Accuracy and Consistency of Classification Indices: Writ (Grade K) S401 Paper

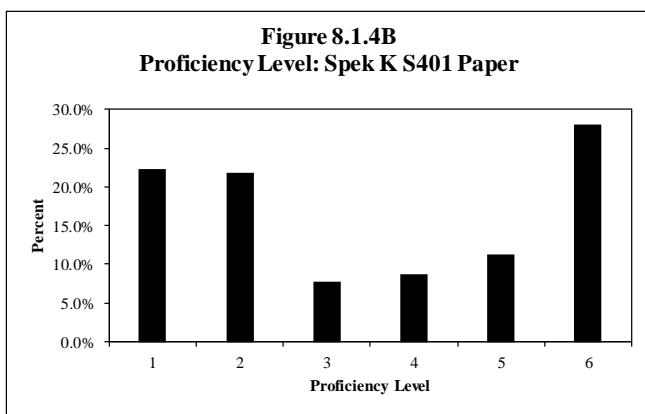
Overall Indices	Accuracy	Consistency		Kappa (k)	
	0.775	0.720		0.509	
Conditional on Level	Level	Accuracy		Consistency	
	1	0.952		0.921	
	2	0.528		0.404	
	3	0.519		0.463	
	4	-		0.177	
	5	N/A		N/A	
Indices at Cut Points	Cut Point	Accuracy		Consistency	
		Accuracy	False Positives		
	1/2	0.926	0.028	0.046	0.895
	2/3	0.885	0.045	0.070	0.840
	3/4	0.956	0.044	0.000	0.949
	4/5	N/A	N/A	N/A	N/A
	5/6	N/A	N/A	N/A	N/A

## 8.1.4 Speaking K



**Table 8.1.4A**  
Scale Score Descriptive Statistics: Spek K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,589	100	392	271.97	99.40



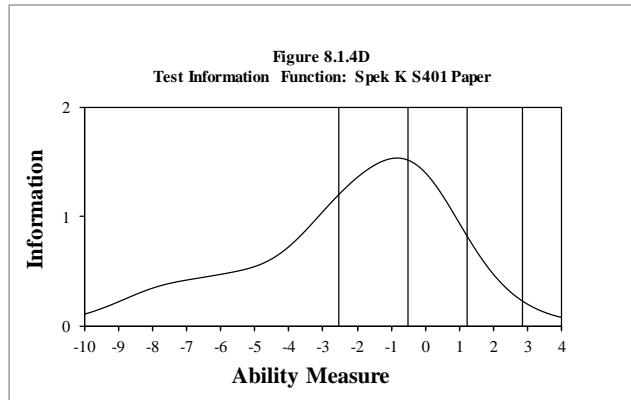
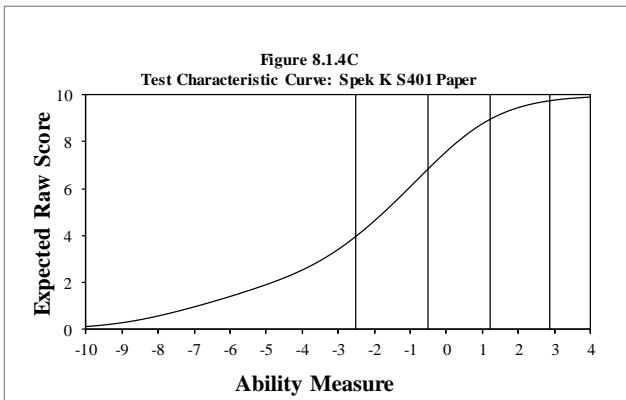
**Table 8.1.4B**  
Proficiency Level Distribution:  
Spek K S401 Paper

Level	Count	Percent
1	52,049	22.3%
2	51,007	21.8%
3	18,160	7.8%
4	20,238	8.7%
5	26,446	11.3%
6	65,689	28.1%
Total	233,589	100.0%

**Table 8.1.4C**

Conditional Standard Error of Measurement  
at Cut Scores: Spek K S401 Paper

Proficiency Level	Cut Score	SEM
1/2	269	18.68
2/3	314	16.27
3/4	343	20.89
4/5	366	31.33
5/6	383	44.99



**Table 8.1.4D**

Reliability: Spek K S401 Paper

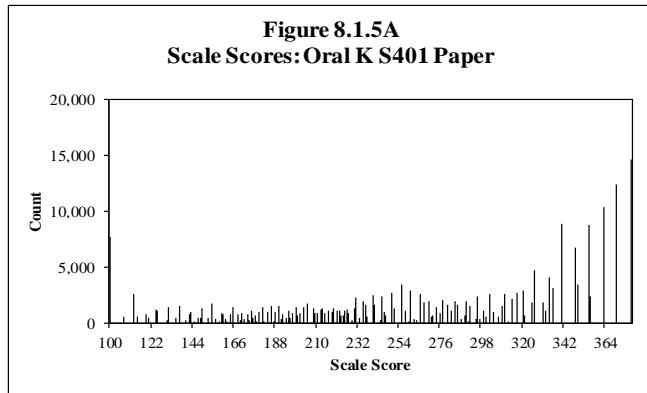
Tiers	No. of Students	Reliability
-	233,589	0.899

**Table 8.1.4E**

Accuracy and Consistency of Classification Indices: Spek (Grade K) S401 Paper

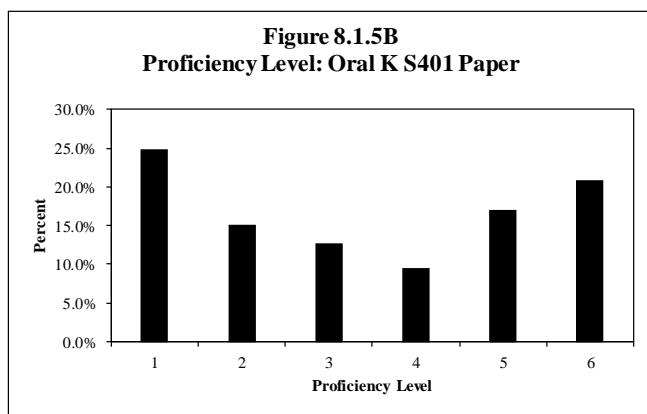
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.453	0.464	0.349	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.683	0.623	
	2	0.632	0.492	
	3	0.349	0.254	
	4	0.468	0.324	
	5	0.244	0.240	
	6	-	0.740	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.880	0.090	0.843
	2/3	0.927	0.029	0.898
	3/4	0.948	0.027	0.923
	4/5	0.951	0.025	0.924
	5/6	0.719	0.281	0.792

## 8.1.5 Oral Language Composite K



**Table 8.1.5A**  
Scale Score Descriptive Statistics: Oral K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,582	100	378	270.90	81.29



**Table 8.1.5B**  
Proficiency Level Distribution:  
Oral K S401 Paper

Level	Count	Percent
1	58,046	24.9%
2	35,290	15.1%
3	29,582	12.7%
4	22,331	9.6%
5	39,669	17.0%
6	48,664	20.8%
Total	233,582	100.0%

**Table 8.1.5C**

n/a

**Figure 8.1.5C**

n/a

**Figure 8.1.5D**

n/a

**Table 8.1.5D**

Oral Composite Reliability: Oral K S401 Paper

Component	Weight	Variance	Reliability
Listening	0.50	5337.016	0.939
Speaking	0.50	9880.902	0.899
Oral		6607.790	0.950

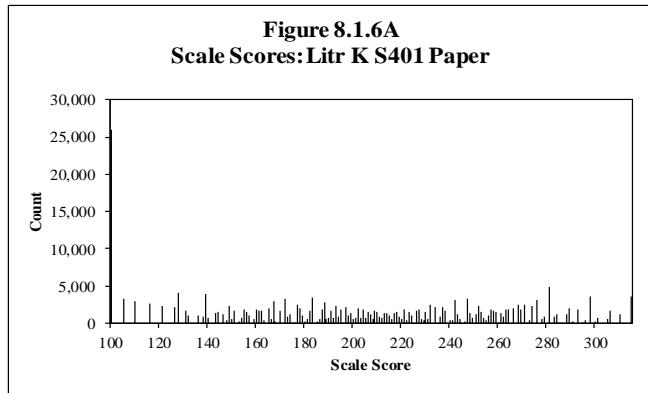
\*Variances from students who had results in all four domains

**Table 8.1.5E**

Accuracy and Consistency of Classification Indices: Oral (Grade K) S401 Paper

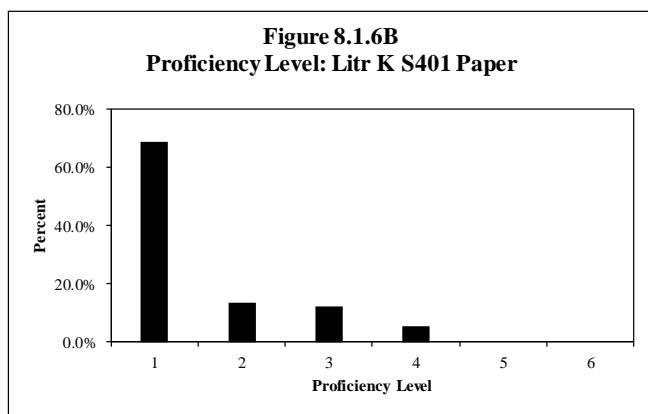
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.702	0.614	0.529		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.885	0.831		
	2	0.627	0.511		
	3	0.530	0.412		
	4	0.426	0.317		
	5	0.628	0.512		
	6	0.851	0.771		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.945	0.029	0.027	0.922
	2/3	0.936	0.027	0.037	0.911
	3/4	0.941	0.029	0.030	0.914
	4/5	0.934	0.039	0.027	0.908
	5/6	0.934	0.036	0.030	0.907

## 8.1.6 Literacy Composite K



**Table 8.1.6A**  
Scale Score Descriptive Statistics: Litr K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,587	100	315	198.48	62.23



**Table 8.1.6B**  
Proficiency Level Distribution: Litr K S401 Paper

Level	Count	Percent
1	160,754	68.8%
2	31,435	13.5%
3	28,913	12.4%
4	12,485	5.3%
5	0	0.0%
6	0	0.0%
Total	233,587	100.0%

**Table 8.1.6C**

n/a

**Figure 8.1.6C**

n/a

**Figure 8.1.6D**

n/a

**Table 8.1.6D**

Literacy Composite Reliability: Litr K S401 Paper

Component	Weight	Variance	Reliability
Reading	0.50	4510.975	0.949
Writing	0.50	4464.667	0.923
Literacy		3872.029	0.963

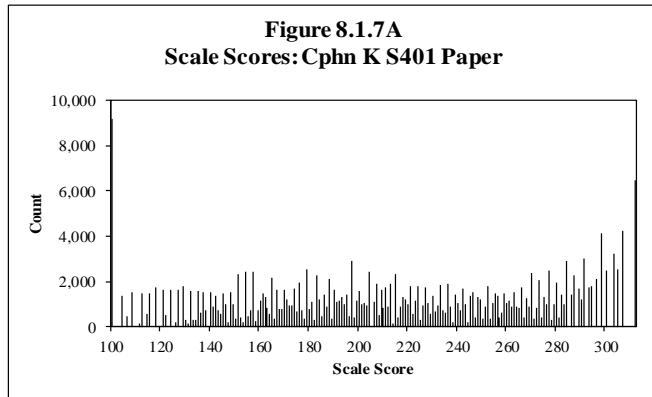
\*Variances from students who had results in all four domains

**Table 8.1.6E**

Accuracy and Consistency of Classification Indices: Litr (Grade K) S401 Paper

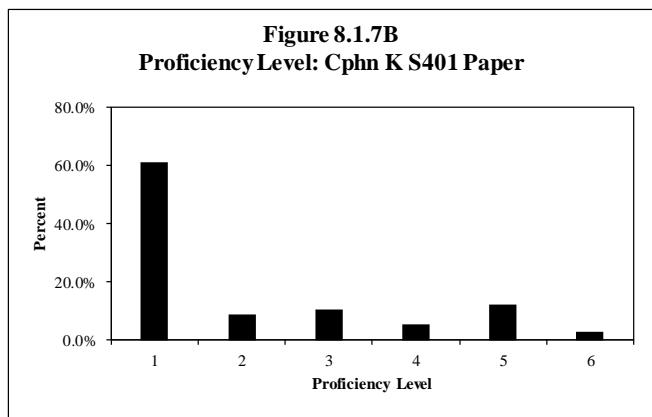
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.848	0.810	0.613		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.963	0.948		
	2	0.643	0.514		
	3	0.563	0.517		
	4	-	0.439		
	5	N/A	N/A		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.948	0.026	0.027	0.927
	2/3	0.953	0.020	0.027	0.931
	3/4	0.947	0.053	0.000	0.944
	4/5	N/A	N/A	N/A	N/A
	5/6	N/A	N/A	N/A	N/A

## 8.1.7 Comprehension Composite K



**Table 8.1.7A**  
Scale Score Descriptive Statistics: Cphn K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,585	100	312	213.60	61.52



**Table 8.1.7B**

Proficiency Level Distribution:  
Cphn K S401 Paper

Level	Count	Percent
1	142,366	60.9%
2	20,134	8.6%
3	24,096	10.3%
4	12,344	5.3%
5	28,183	12.1%
6	6,462	2.8%
Total	233,585	100.0%

**Table 8.1.7C**

n/a

**Figure 8.1.7C**

n/a

**Figure 8.1.7D**

n/a

**Table 8.1.7D**

Comprehension Composite Reliability: Cphn K S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	5337.016	0.939
Reading	0.70	4510.975	0.949
Comprehension		3784.041	0.963

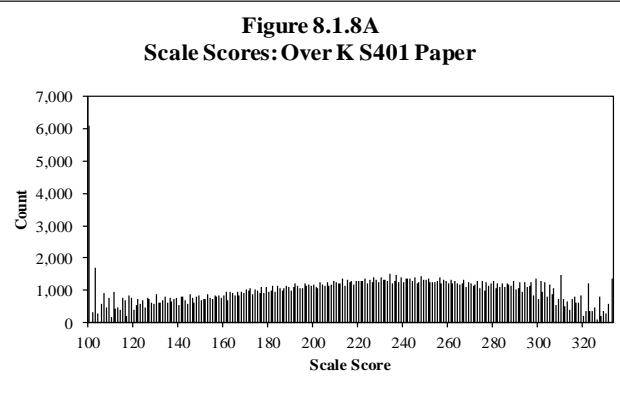
\*Variances from students who had results in all four domains

**Table 8.1.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade K) S401 Paper

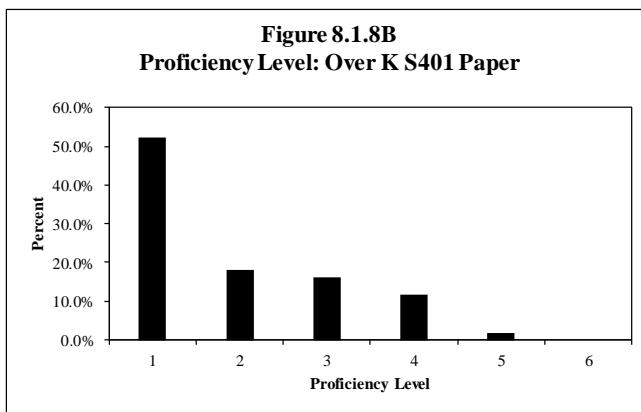
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.810	0.755	0.589		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.959	0.943		
	2	0.474	0.358		
	3	0.561	0.443		
	4	0.361	0.271		
	5	0.741	0.649		
	6	0.744	0.503		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.948	0.025	0.027	0.926
	2/3	0.953	0.026	0.021	0.933
	3/4	0.954	0.028	0.018	0.936
	4/5	0.957	0.025	0.018	0.940
	5/6	0.981	0.014	0.005	0.973

## 8.1.8 Overall Composite K



**Table 8.1.8A**  
Scale Score Descriptive Statistics: Over K S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
K	233,571	100	333	219.98	61.35



**Table 8.1.8B**

Proficiency Level Distribution:  
Over K S401 Paper

Level	Count	Percent
1	121,933	52.2%
2	42,292	18.1%
3	38,029	16.3%
4	27,101	11.6%
5	4,216	1.8%
6	0	0.0%
Total	233,571	100.0%

**Table 8.1.8C**

n/a

**Figure 8.1.8C**

n/a

**Figure 8.1.8D**

n/a

**Table 8.1.8D**

Overall Composite Reliability: Over K S401 Paper

Component	Weight	Variance	Reliability
Listening	0.15	5337.016	0.939
Reading	0.35	4510.975	0.949
Speaking	0.15	9880.902	0.899
Writing	0.35	4464.667	0.923
Overall Composite		3763.784	0.973

\*Variances from students who had results in all four domains

**Table 8.1.8E**

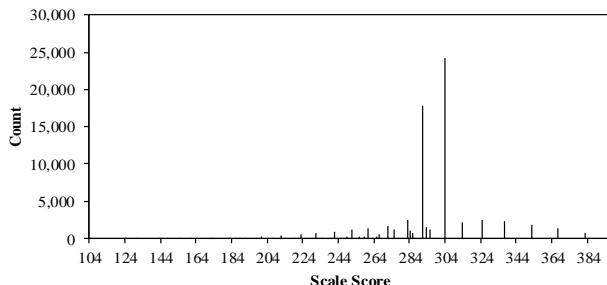
Accuracy and Consistency of Classification Indices: Over (Grade K) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.850	0.797	0.689		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.952	0.932		
	2	0.748	0.648		
	3	0.736	0.635		
	4	0.728	0.666		
	5	-	0.333		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.952	0.025	0.023	0.932
	2/3	0.954	0.021	0.025	0.934
	3/4	0.963	0.019	0.018	0.947
	4/5	0.982	0.018	0.000	0.982
	5/6	N/A	N/A	N/A	N/A

## 8.2 Grade: 1

### 8.2.1 Listening 1

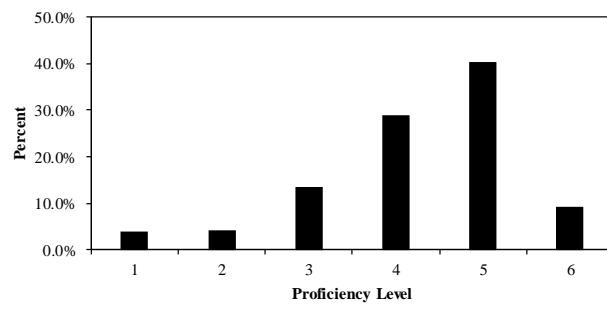
**Figure 8.2.1A**  
Scale Scores: List 1 S401 Paper



**Table 8.2.1A**  
Scale Score Descriptive Statistics: List 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,276	104	397	295.82	29.08

**Figure 8.2.1B**  
Proficiency Level: List 1 S401 Paper



**Table 8.2.1B**

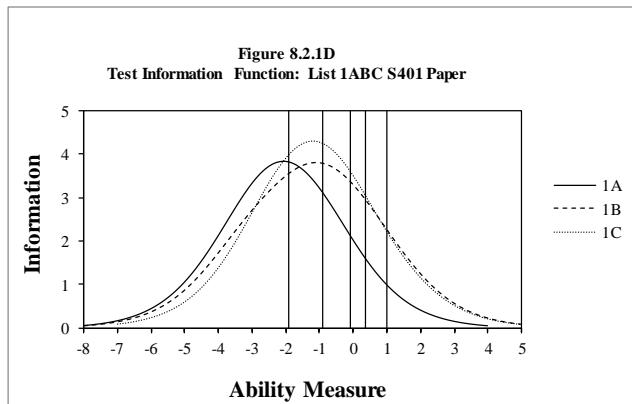
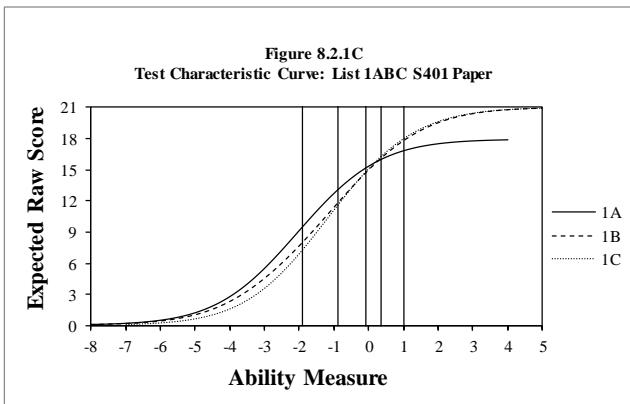
Proficiency Level Distribution:  
List 1 S401 Paper

Level	Count	Percent
1	2,735	3.8%
2	3,042	4.3%
3	9,597	13.5%
4	20,639	29.0%
5	28,775	40.4%
6	6,488	9.1%
Total	71,276	100.0%

**Table 8.2.1C**

Conditional Standard Error of Measurement at Cut Scores: List 1 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	1	236	19.16	20.29	19.16
2/3	1	259	19.16	19.16	18.41
3/4	1	291	22.17	19.54	18.79
4/5	1	303	n/a	19.91	19.24
5/6	1	327	n/a	n/a	21.42



**Table 8.2.1D**

Weighted Reliability: List 1 S401 Paper

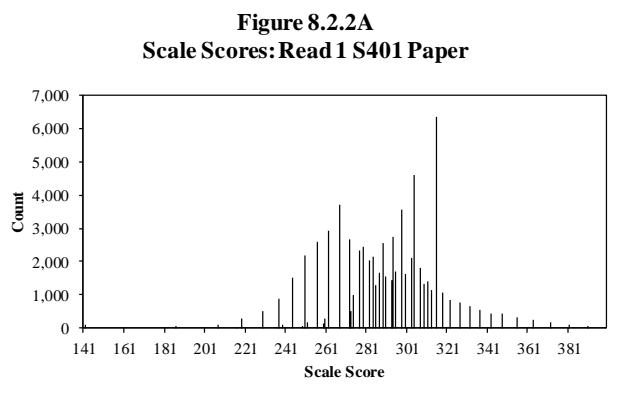
Tiers	No. of Students	Reliability	Weighted Reliability
A	28,097	0.778	0.696
B	25,565	0.664	
C	17,614	0.609	

**Table 8.2.1E**

Accuracy and Consistency of Classification Indices: List (Grade 1) S401 Paper

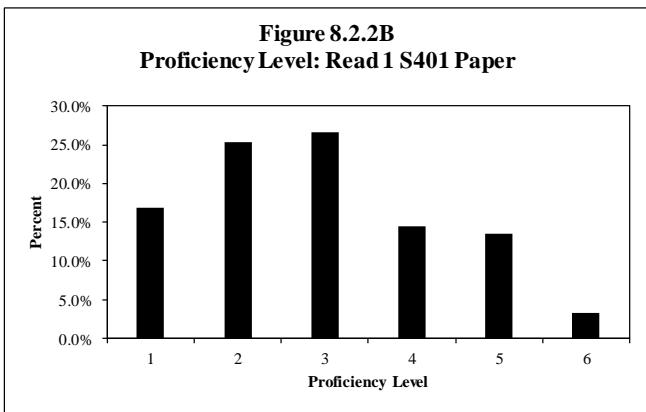
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.488	0.371	0.177	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.857	0.614	
	2	0.349	0.225	
	3	0.344	0.243	
	4	0.440	0.368	
	5	0.600	0.525	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.973	0.002	0.967
	2/3	0.958	0.010	0.930
	3/4	0.827	0.129	0.756
	4/5	0.752	0.131	0.691
	5/6	0.909	0.053	0.844

## 8.2.2 Reading 1



**Table 8.2.2A**  
Scale Score Descriptive Statistics: Read 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,311	141	399	289.20	25.85



**Table 8.2.2B**

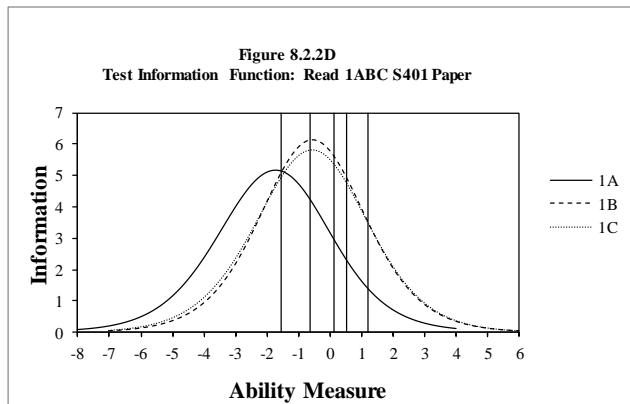
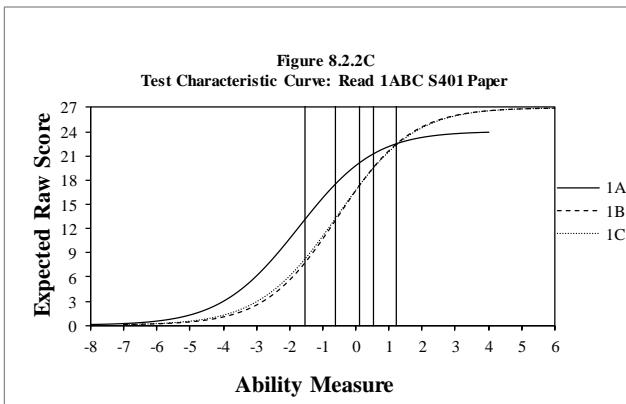
Proficiency Level Distribution:  
Read 1 S401 Paper

Level	Count	Percent
1	11,979	16.8%
2	18,079	25.4%
3	18,954	26.6%
4	10,303	14.4%
5	9,682	13.6%
6	2,314	3.2%
Total	71,311	100.0%

**Table 8.2.2C**

Conditional Standard Error of Measurement at Cut Scores: Read 1 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	1	264	11.70	13.78	14.04
2/3	1	286	11.44	11.18	11.70
3/4	1	304	12.37	10.40	10.87
4/5	1	315	n/a	10.53	10.92
5/6	1	334	n/a	n/a	11.44



**Table 8.2.2D**

Weighted Reliability: Read 1 S401 Paper

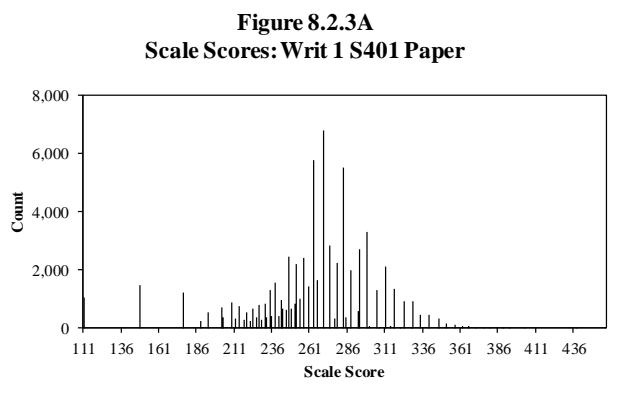
Tiers	No. of Students	Reliability	Weighted Reliability
A	28,115	0.717	0.733
B	25,571	0.741	
C	17,625	0.748	

**Table 8.2.2E**

Accuracy and Consistency of Classification Indices: Read (Grade 1) S401 Paper

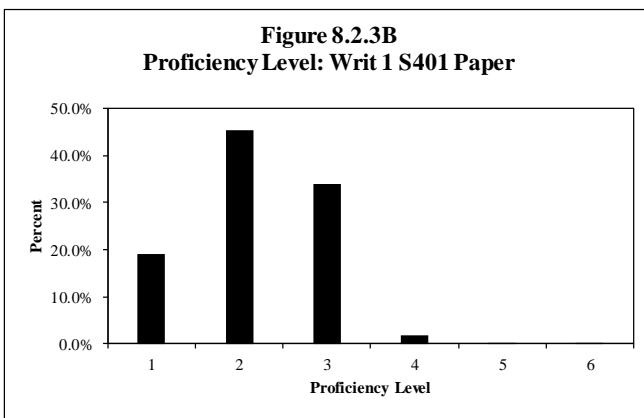
Overall Indices	Accuracy	Consistency	Kappa (k)		
	0.506	0.401	0.248		
Conditional on Level	Level	Accuracy	Consistency		
	1	0.775	0.603		
	2	0.522	0.415		
	3	0.464	0.377		
	4	0.325	0.251		
	5	0.506	0.365		
Indices at Cut Points	Cut Point	Accuracy			
		Accuracy	False Positives		
	1/2	0.906	0.030	0.064	0.866
	2/3	0.838	0.075	0.087	0.775
	3/4	0.841	0.096	0.063	0.782
	4/5	0.884	0.080	0.035	0.839
	5/6	0.969	0.028	0.003	0.953

### 8.2.3 Writing 1



**Table 8.2.3A**  
Scale Score Descriptive Statistics: Writ 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,305	111	457	262.12	40.91

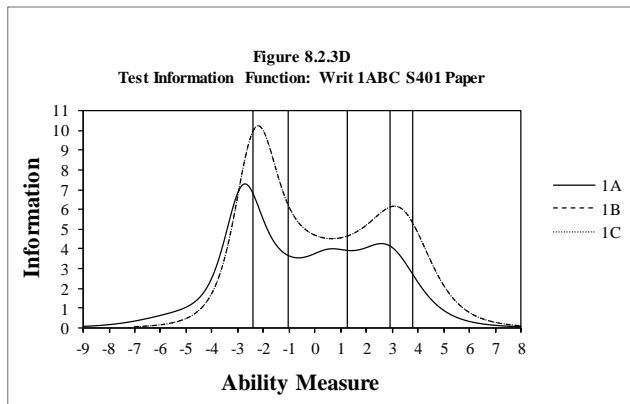
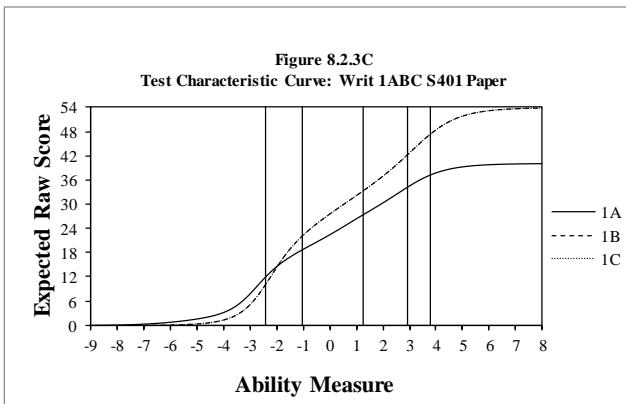


**Table 8.2.3B**  
Proficiency Level Distribution:  
Writ 1 S401 Paper

Level	Count	Percent
1	13,514	19.0%
2	32,296	45.3%
3	24,238	34.0%
4	1,242	1.7%
5	13	0.0%
6	2	0.0%
Total	71,305	100.0%

**Table 8.2.3C**  
Conditional Standard Error of Measurement at Cut Scores: Writ 1 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	1	238	10.31	8.54
2/3	1	275	13.96	10.74
3/4	1	337	13.69	12.35
4/5	1	382	13.16	10.74
5/6	1	405	16.38	11.81



**Table 8.2.3D**

Weighted Reliability: Writ 1 S401 Paper

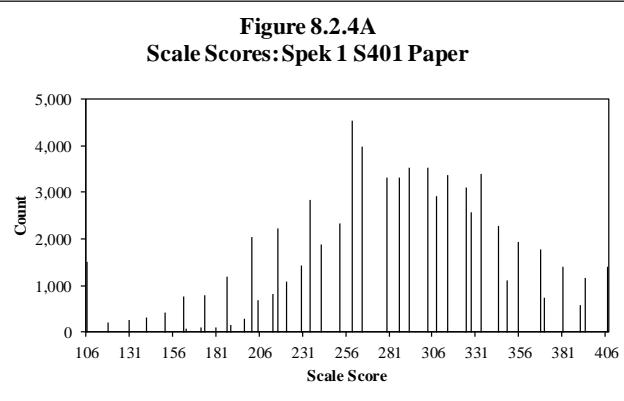
Tiers	No. of Students	Reliability	Weighted Reliability
A	28,106	0.874	0.912
B/C	43,199	0.937	

**Table 8.2.3E**

Accuracy and Consistency of Classification Indices: Writ (Grade 1) S401 Paper

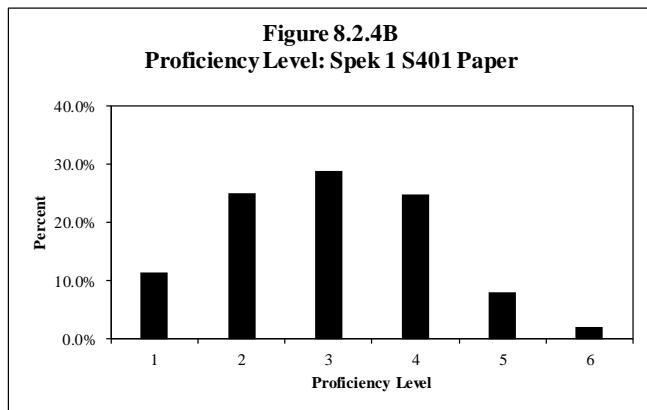
Overall Indices	Accuracy	Consistency		Kappa (k)	
	0.786	0.715	0.564		
Conditional on Level	Level	Accuracy		Consistency	
	1	0.834		0.747	
	2	0.857		0.765	
	3	0.705		0.659	
	4	-		0.118	
	5	-		-	
Indices at Cut Points	Accuracy		Consistency		
	Cut Point	Accuracy	False Positives	False Negatives	
	1/2	0.945	0.033	0.022	0.918
	2/3	0.858	0.029	0.112	0.813
	3/4	0.982	0.018	0.000	0.982
	4/5	1.000	0.000	0.000	1.000
	5/6	1.000	0.000	0.000	1.000

## 8.2.4 Speaking 1



**Table 8.2.4A**  
Scale Score Descriptive Statistics: Spek 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,303	106	407	282.05	63.73



**Table 8.2.4B**

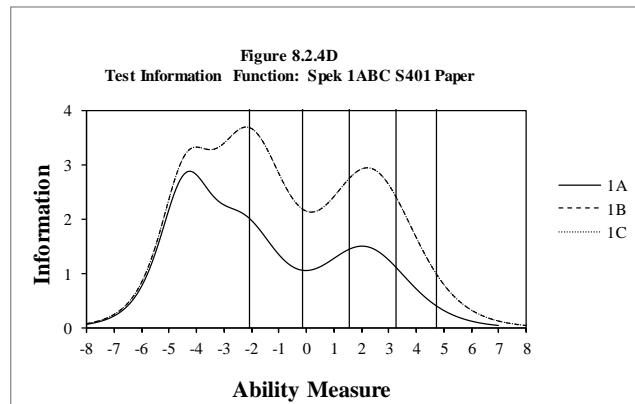
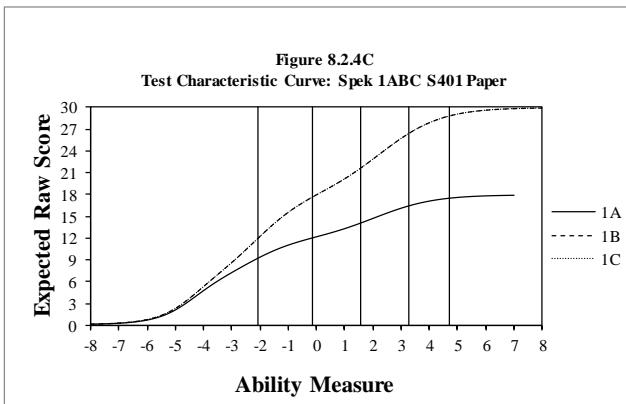
Proficiency Level Distribution:  
Spek 1 S401 Paper

Level	Count	Percent
1	8,123	11.4%
2	17,808	25.0%
3	20,599	28.9%
4	17,720	24.9%
5	5,660	7.9%
6	1,393	2.0%
Total	71,303	100.0%

**Table 8.2.4C**

Conditional Standard Error of Measurement at Cut Scores: Spek 1 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	1	205	20.77	15.21
2/3	1	261	28.37	19.89
3/4	1	311	24.28	17.55
4/5	1	361	28.08	19.01
5/6	1	403	45.63	29.25



**Table 8.2.4D**

Weighted Reliability: Spek 1 S401 Paper

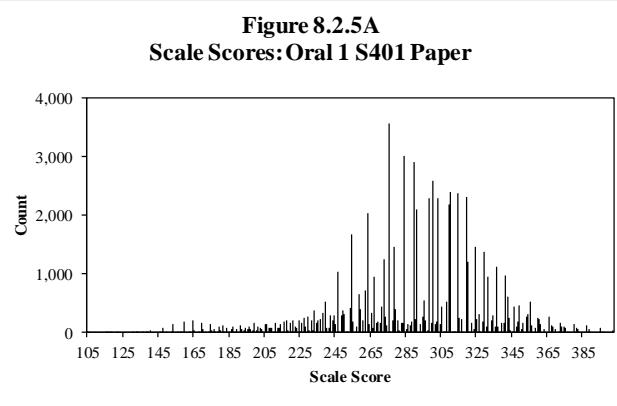
Tiers	No. of Students	Reliability	Weighted Reliability
A	28,111	0.880	0.899
B/C	43,192	0.911	

**Table 8.2.4E**

Accuracy and Consistency of Classification Indices: Spek (Grade 1) S401 Paper

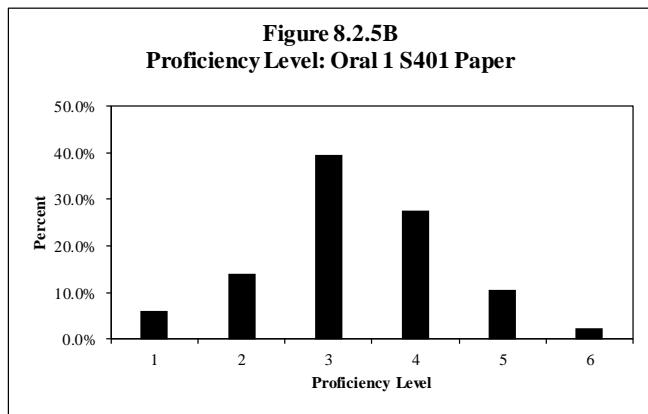
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.684	0.575	0.450	
Conditional on Level	Level	Accuracy		Consistency
	1	0.795		0.674
	2	0.722		0.615
	3	0.669		0.564
	4	0.666		0.562
	5	0.523		0.415
	6	-		0.395
Indices at Cut Points	Accuracy			Consistency
	Cut Point	Accuracy	False Positives	
	1/2	0.952	0.023	0.930
	2/3	0.904	0.043	0.867
	3/4	0.904	0.044	0.864
	4/5	0.939	0.041	0.912
	5/6	0.980	0.020	0.980

## 8.2.5 Oral Language Composite 1



**Table 8.2.5A**  
Scale Score Descriptive Statistics: Oral 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,247	105	402	289.19	41.39



**Table 8.2.5B**

Proficiency Level Distribution:  
Oral 1 S401 Paper

Level	Count	Percent
1	4,336	6.1%
2	9,981	14.0%
3	28,255	39.7%
4	19,610	27.5%
5	7,421	10.4%
6	1,644	2.3%
Total	71,247	100.0%

**Table 8.2.5C**

n/a

**Figure 8.2.5C**

n/a

**Figure 8.2.5D**

n/a

**Table 8.2.5D**

Oral Composite Reliability: Oral 1 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.50	845.329	0.696
Speaking	0.50	4058.802	0.899
Oral		1712.303	0.902

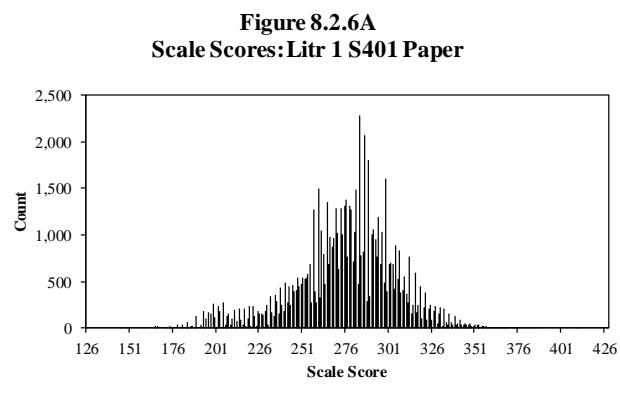
\*Variances from students who had results in all four domains

**Table 8.2.5E**

Accuracy and Consistency of Classification Indices: Oral (Grade 1) S401 Paper

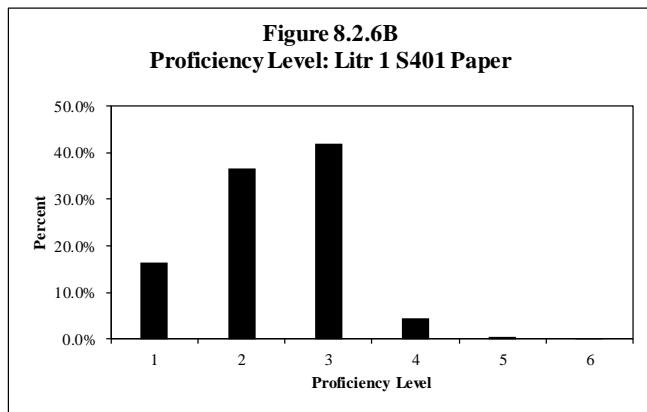
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.712	0.607	0.469		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.838	0.719		
	2	0.663	0.535		
	3	0.789	0.708		
	4	0.674	0.568		
	5	0.570	0.464		
	6	-	0.411		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.976	0.009	0.015	0.966
	2/3	0.932	0.035	0.033	0.902
	3/4	0.891	0.048	0.062	0.847
	4/5	0.935	0.034	0.030	0.904
	5/6	0.977	0.023	0.000	0.976

## 8.2.6 Literacy Composite 1



**Table 8.2.6A**  
Scale Score Descriptive Statistics:Litr 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,288	126	428	275.91	29.52



**Table 8.2.6B**  
Proficiency Level Distribution: Litr 1 S401 Paper

Level	Count	Percent
1	11,780	16.5%
2	26,050	36.5%
3	29,988	42.1%
4	3,157	4.4%
5	291	0.4%
6	22	0.0%
Total	71,288	100.0%

**Table 8.2.6C**

n/a

**Figure 8.2.6C**

n/a

**Figure 8.2.6D**

n/a

**Table 8.2.6D**

Literacy Composite Reliability: Litr 1 S401 Paper

Component	Weight	Variance	Reliability
Reading	0.50	668.053	0.733
Writing	0.50	1673.385	0.912
Literacy		871.209	0.907

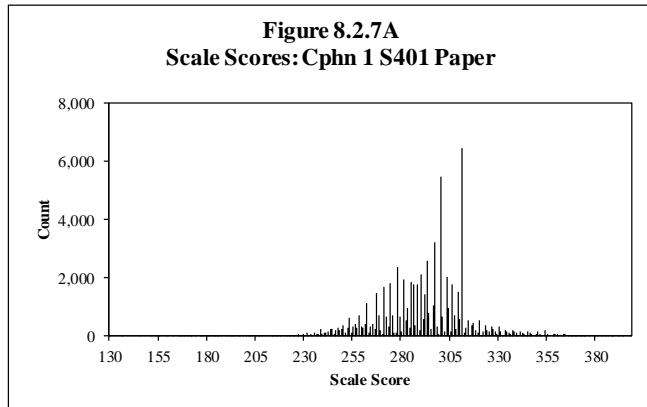
\*Variances from students who had results in all four domains

**Table 8.2.6E**

Accuracy and Consistency of Classification Indices: Litr (Grade 1) S401 Paper

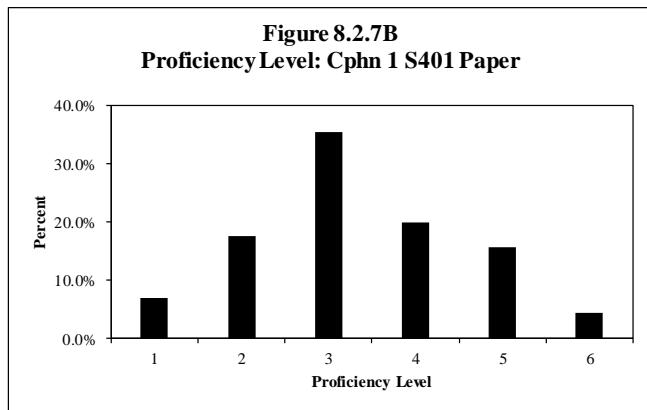
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.801	0.724	0.582		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.837	0.745		
	2	0.796	0.714		
	3	0.802	0.755		
	4	0.568	0.382		
	5	-	0.200		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.946	0.027	0.027	0.922
	2/3	0.898	0.045	0.057	0.857
	3/4	0.960	0.034	0.006	0.947
	4/5	0.996	0.004	0.000	0.996
	5/6	1.000	0.000	0.000	1.000

## 8.2.7 Comprehension Composite 1



**Table 8.2.7A**  
Scale Score Descriptive Statistics: Cphn 1 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
1	71,261	130	398	291.22	24.12



**Table 8.2.7B**

Proficiency Level Distribution:  
Cphn 1 S401 Paper

Level	Count	Percent
1	4,993	7.0%
2	12,534	17.6%
3	25,256	35.4%
4	14,247	20.0%
5	11,174	15.7%
6	3,057	4.3%
Total	71,261	100.0%

**Table 8.2.7C**

n/a

**Figure 8.2.7C**

n/a

**Figure 8.2.7D**

n/a

**Table 8.2.7D**

Comprehension Composite Reliability: Cphn 1 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	845.329	0.696
Reading	0.70	668.053	0.733
Comprehension		581.528	0.810

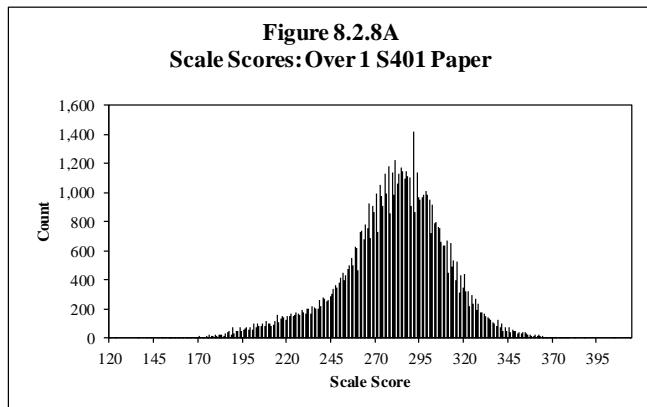
\*Variances from students who had results in all four domains

**Table 8.2.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade 1) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.585	0.468	0.313		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.772	0.566		
	2	0.569	0.439		
	3	0.624	0.534		
	4	0.454	0.356		
	5	0.572	0.434		
	6	0.757	0.496		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.958	0.012	0.031	0.939
	2/3	0.890	0.052	0.058	0.841
	3/4	0.848	0.091	0.062	0.795
	4/5	0.894	0.059	0.047	0.848
	5/6	0.970	0.024	0.006	0.957

## 8.2.8 Overall Composite 1



**Table 8.2.8B**

Proficiency Level Distribution:

Over 1 S401 Paper

Level	Count	Percent
1	7,420	10.4%
2	18,760	26.3%
3	37,995	53.4%
4	6,300	8.8%
5	695	1.0%
6	44	0.1%
Total	71,214	100.0%

**Figure 8.2.8C**

n/a

**Figure 8.2.8D**

n/a

**Table 8.2.8D**

Overall Composite Reliability: Over 1 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.15	845.329	0.696
Reading	0.35	668.053	0.733
Speaking	0.15	4058.802	0.899
Writing</			

**Table 8.2.8E**

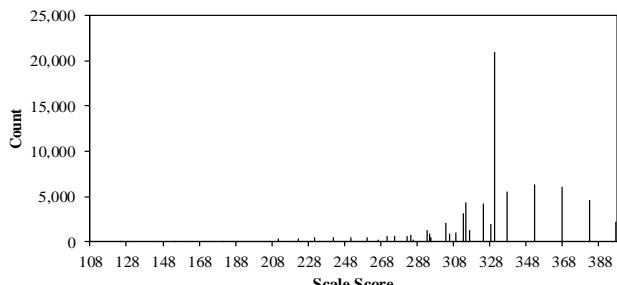
Accuracy and Consistency of Classification Indices: Over (Grade 1) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.840	0.776	0.647		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.866	0.793		
	2	0.810	0.730		
	3	0.882	0.847		
	4	0.654	0.534		
	5	-	0.460		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.970	0.014	0.016	0.958
	2/3	0.929	0.035	0.036	0.900
	3/4	0.949	0.028	0.023	0.928
	4/5	0.990	0.010	0.000	0.990
	5/6	0.999	0.001	0.000	1.000

## 8.3 Grade: 2

### 8.3.1 Listening 2

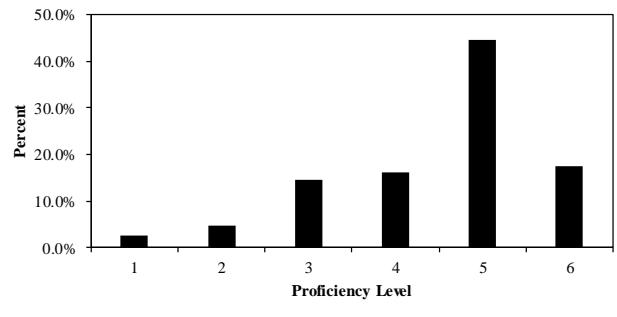
**Figure 8.3.1A**  
Scale Scores: List 2 S401 Paper



**Table 8.3.1A**  
Scale Score Descriptive Statistics: List 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,483	108	397	329.45	33.05

**Figure 8.3.1B**  
Proficiency Level: List 2 S401 Paper



**Table 8.3.1B**

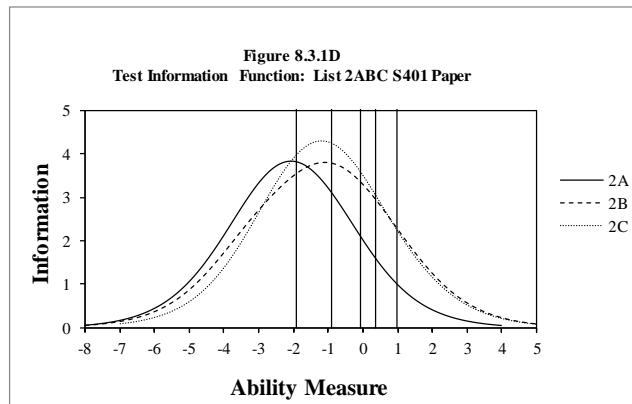
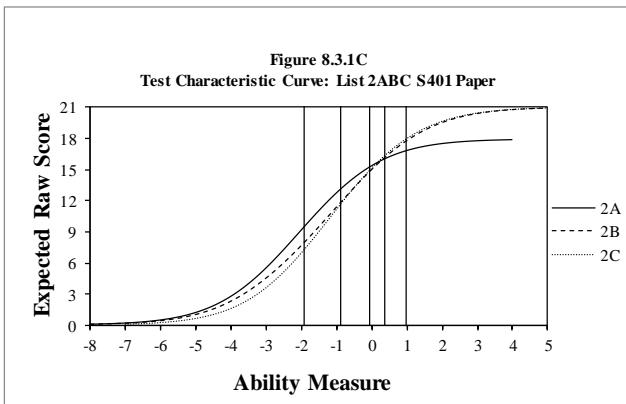
Proficiency Level Distribution:  
List 2 S401 Paper

Level	Count	Percent
1	1,832	2.5%
2	3,539	4.8%
3	10,603	14.4%
4	11,892	16.2%
5	32,771	44.6%
6	12,846	17.5%
Total	73,483	100.0%

**Table 8.3.1C**

Conditional Standard Error of Measurement at Cut Scores: List 2 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	2	245	19.16	19.75	18.79
2/3	2	283	21.04	19.16	18.41
3/4	2	314	25.92	20.66	19.91
4/5	2	330	n/a	21.79	21.79
5/6	2	354	n/a	n/a	25.55



**Table 8.3.1D**

Weighted Reliability: List 2 S401 Paper

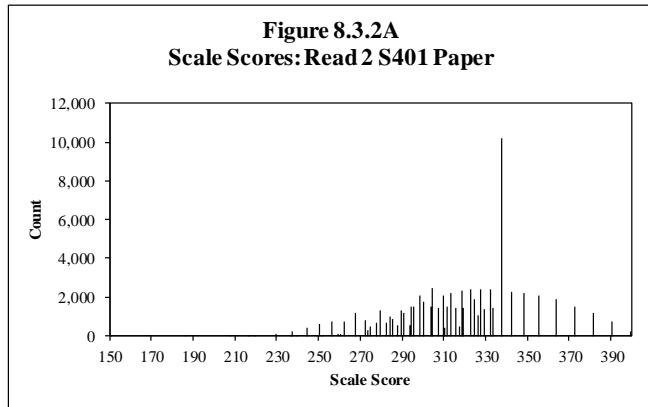
Tiers	No. of Students	Reliability	Weighted Reliability
A	10,265	0.826	0.642
B	26,342	0.647	
C	36,876	0.588	

**Table 8.3.1E**

Accuracy and Consistency of Classification Indices: List (Grade 2) S401 Paper

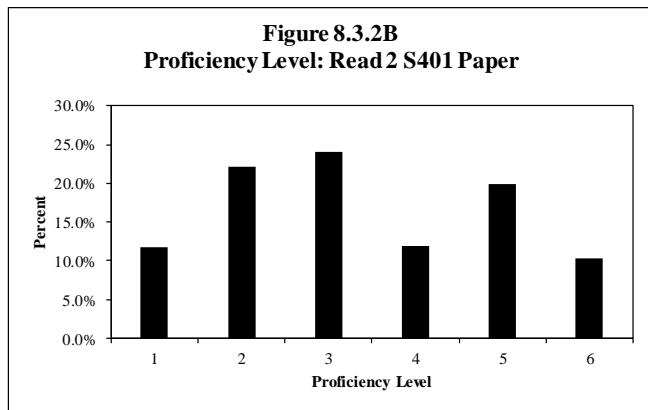
Overall Indices	Accuracy	Consistency	Kappa (k)
	0.480	0.362	0.160
Conditional on Level	Level	Accuracy	Consistency
	1	0.836	0.524
	2	0.384	0.237
	3	0.412	0.277
	4	0.270	0.210
	5	0.596	0.529
Indices at Cut Points	Cut Point	Accuracy	
		Accuracy	Consistency
	1/2	0.980	0.001
	2/3	0.953	0.014
	3/4	0.859	0.068
	4/5	0.774	0.127
	5/6	0.826	0.091

## 8.3.2 Reading 2



**Table 8.3.2A**  
Scale Score Descriptive Statistics: Read 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,486	150	399	317.23	29.59

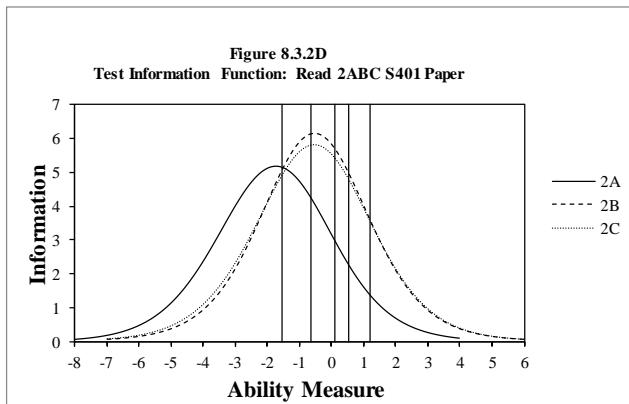
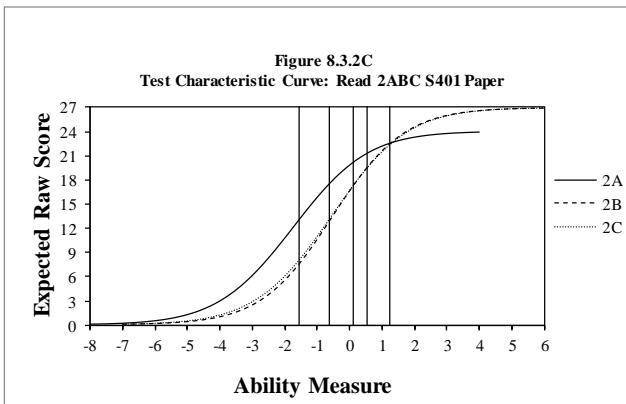


**Table 8.3.2B**  
Proficiency Level Distribution:  
Read 2 S401 Paper

Level	Count	Percent
1	8,631	11.7%
2	16,214	22.1%
3	17,663	24.0%
4	8,726	11.9%
5	14,653	19.9%
6	7,599	10.3%
Total	73,486	100.0%

**Table 8.3.2C**  
Conditional Standard Error of Measurement at Cut Scores: Read 2 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	2	283	11.44	11.44	11.96
2/3	2	307	12.74	10.47	10.92
3/4	2	326	15.08	10.92	11.18
4/5	2	337	n/a	11.70	11.67
5/6	2	355	n/a	n/a	13.54



**Table 8.3.2D**

Weighted Reliability: Read 2 S401 Paper

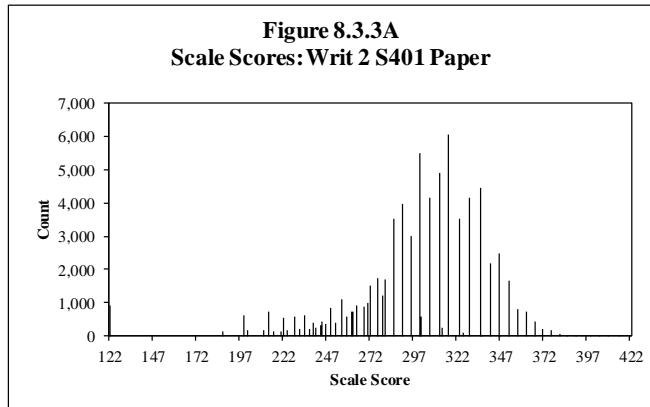
Tiers	No. of Students	Reliability	Weighted Reliability
A	10,265	0.828	0.820
B	26,340	0.830	
C	36,881	0.812	

**Table 8.3.2E**

Accuracy and Consistency of Classification Indices: Read (Grade 2) S401 Paper

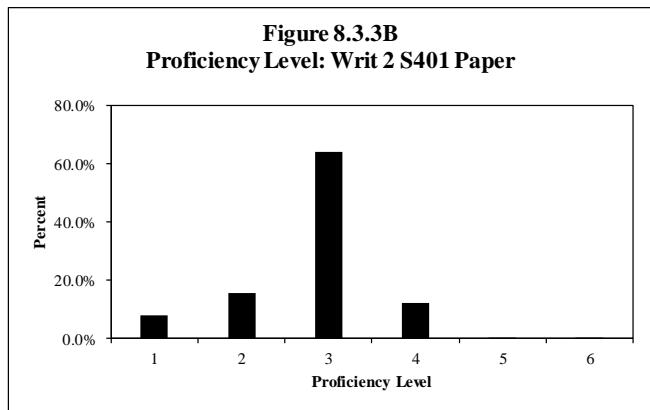
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.548	0.439	0.315	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.741	0.571	
	2	0.568	0.457	
	3	0.509	0.405	
	4	0.292	0.221	
	5	0.584	0.462	
	6	0.752	0.568	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.930	0.026	0.044
	2/3	0.874	0.061	0.066
	3/4	0.871	0.070	0.058
	4/5	0.882	0.078	0.040
	5/6	0.939	0.040	0.021

### 8.3.3 Writing 2



**Table 8.3.3A**  
Scale Score Descriptive Statistics: Writ 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,500	122	422	297.93	40.19



**Table 8.3.3B**

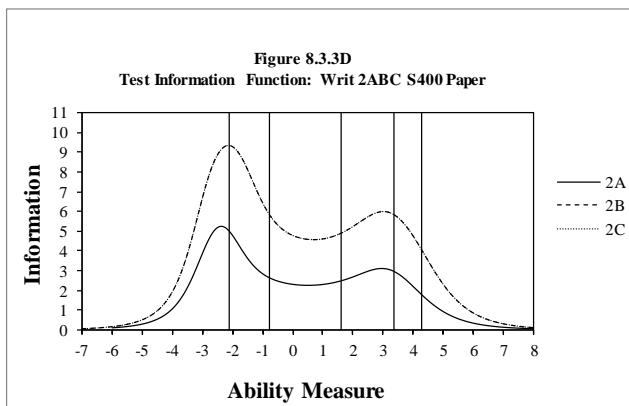
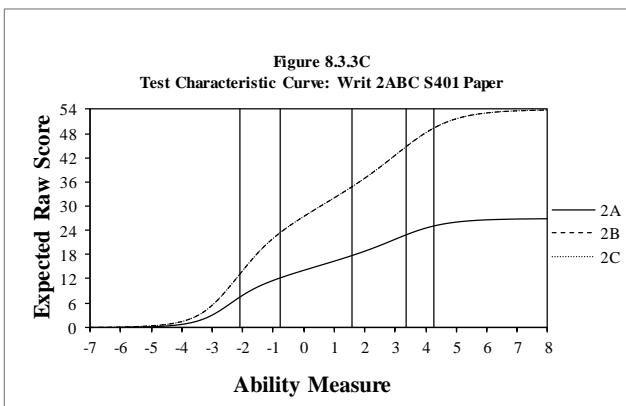
Proficiency Level Distribution:  
Writ 2 S401 Paper

Level	Count	Percent
1	5,963	8.1%
2	11,571	15.7%
3	47,069	64.0%
4	8,842	12.0%
5	50	0.1%
6	5	0.0%
Total	73,500	100.0%

**Table 8.3.3C**

Conditional Standard Error of Measurement at Cut Scores: Writ 2 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	2	242	11.81	8.86
2/3	2	279	16.27	11.01
3/4	2	341	17.18	12.30
4/5	2	388	15.31	11.01
5/6	2	411	18.26	12.35



**Table 8.3.3D**

Weighted Reliability: Writ 2 S401 Paper

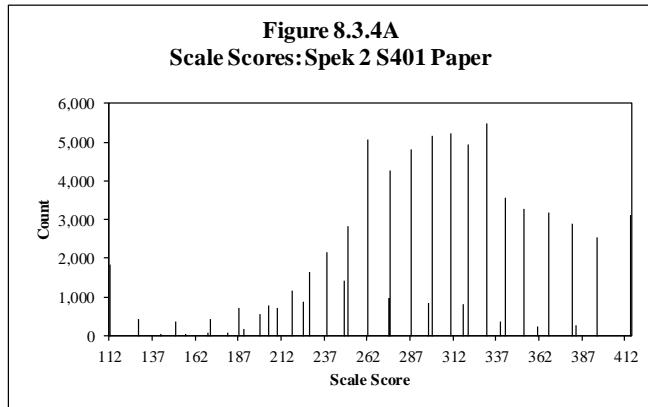
Tiers	No. of Students	Reliability	Weighted Reliability
A	10,268	0.910	0.930
B/C	63,232	0.934	

**Table 8.3.3E**

Accuracy and Consistency of Classification Indices: Writ (Grade 2) S401 Paper

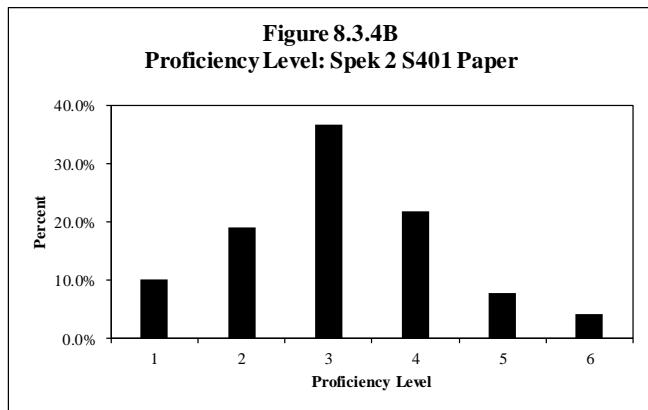
Overall Indices	Accuracy	Consistency		Kappa (k)	
	0.810	0.759		0.528	
Conditional on Level	Level	Accuracy		Consistency	
	1	0.865		0.791	
	2	0.806		0.710	
	3	0.805		0.803	
	4	-		0.308	
	5	-		-	
Indices at Cut Points	Accuracy		Consistency		
	Cut Point	Accuracy	False Positives	False Negatives	
	1/2	0.979	0.011	0.010	0.970
	2/3	0.952	0.018	0.029	0.933
	3/4	0.879	0.121	0.000	0.857
	4/5	0.999	0.001	0.000	0.999
	5/6	1.000	0.000	0.000	1.000

### 8.3.4 Speaking 2



**Table 8.3.4A**  
Scale Score Descriptive Statistics: Spek 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,488	112	415	298.21	64.46



**Table 8.3.4B**

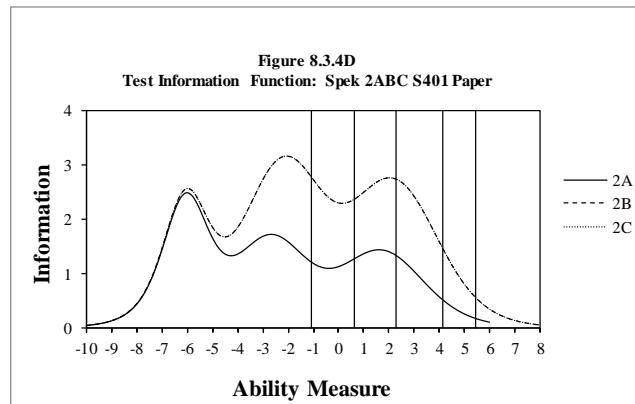
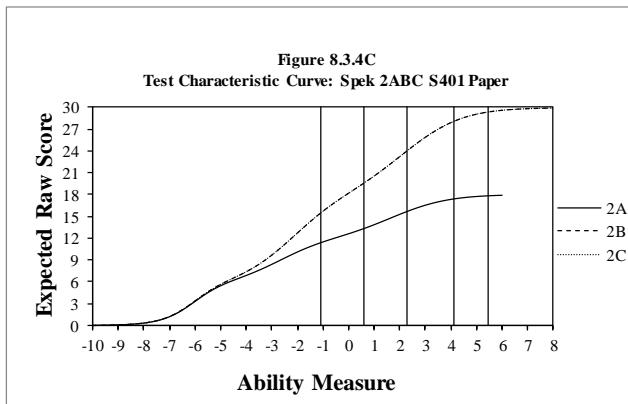
Proficiency Level Distribution:  
Spek 2 S401 Paper

Level	Count	Percent
1	7,487	10.2%
2	13,993	19.0%
3	27,028	36.8%
4	16,129	21.9%
5	5,718	7.8%
6	3,133	4.3%
Total	73,488	100.0%

**Table 8.3.4C**

Conditional Standard Error of Measurement at Cut Scores: Spek 2 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	2	220	24.86	16.67
2/3	2	273	26.91	19.30
3/4	2	322	24.57	17.55
4/5	2	374	35.39	21.64
5/6	2	415	62.30	34.80



**Table 8.3.4D**

Weighted Reliability: Spek 2 S401 Paper

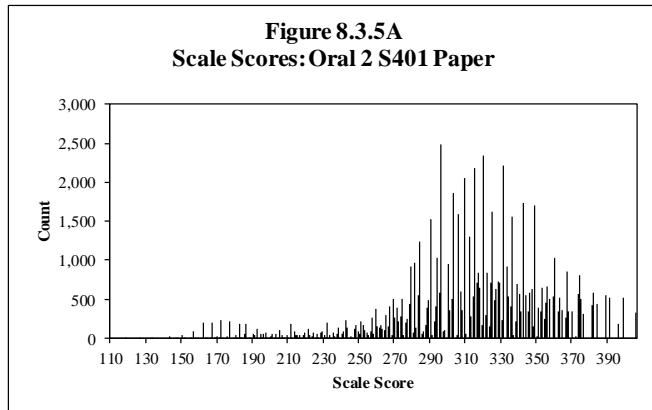
Tiers	No. of Students	Reliability	Weighted Reliability
A	10,265	0.921	0.913
B/C	63,223	0.912	

**Table 8.3.4E**

Accuracy and Consistency of Classification Indices: Spek (Grade 2) S401 Paper

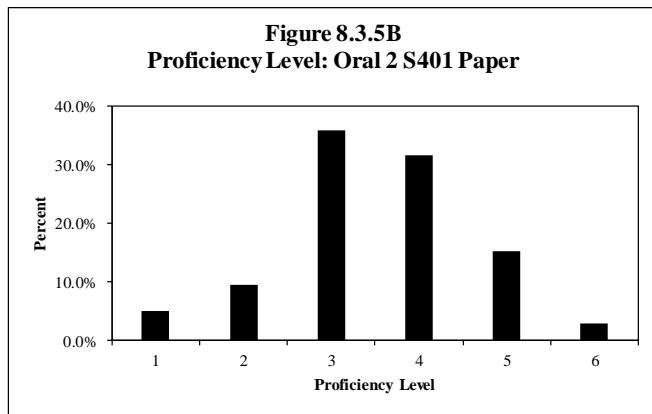
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.673	0.569	0.441	
Conditional on Level	Level	Accuracy		Consistency
	1	0.814		0.701
	2	0.655		0.534
	3	0.777		0.689
	4	0.603		0.492
	5	0.418		0.371
	6	-		0.731
Indices at Cut Points	Accuracy			Consistency
	Cut Point	Accuracy	False Positives	
	1/2	0.962	0.019	0.943
	2/3	0.909	0.050	0.872
	3/4	0.901	0.031	0.861
	4/5	0.938	0.044	0.909
	5/6	0.957	0.043	0.958

### 8.3.5 Oral Language Composite 2



**Table 8.3.5A**  
Scale Score Descriptive Statistics: Oral 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,461	110	406	314.08	43.50



**Table 8.3.5B**

Proficiency Level Distribution:  
Oral 2 S401 Paper

Level	Count	Percent
1	3,710	5.1%
2	7,031	9.6%
3	26,299	35.8%
4	23,184	31.6%
5	11,140	15.2%
6	2,097	2.9%
Total	73,461	100.0%

**Table 8.3.5C**

n/a

**Figure 8.3.5C**

n/a

**Figure 8.3.5D**

n/a

**Table 8.3.5D**

Oral Composite Reliability: Oral 2 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.50	1092.531	0.642
Speaking	0.50	4155.545	0.913
Oral		1892.177	0.901

\*Variances from students who had results in all four domains

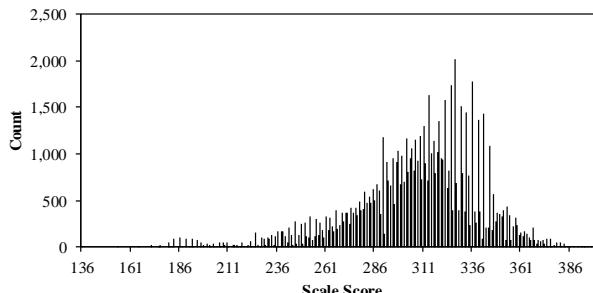
**Table 8.3.5E**

Accuracy and Consistency of Classification Indices: Oral (Grade 2) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.696	0.589	0.448		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.869	0.765		
	2	0.595	0.458		
	3	0.796	0.706		
	4	0.665	0.560		
	5	0.597	0.502		
	6	-	0.305		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.982	0.006	0.013	0.975
	2/3	0.944	0.034	0.023	0.917
	3/4	0.887	0.043	0.070	0.844
	4/5	0.910	0.046	0.044	0.870
	5/6	0.971	0.029	0.000	0.970

## 8.3.6 Literacy Composite 2

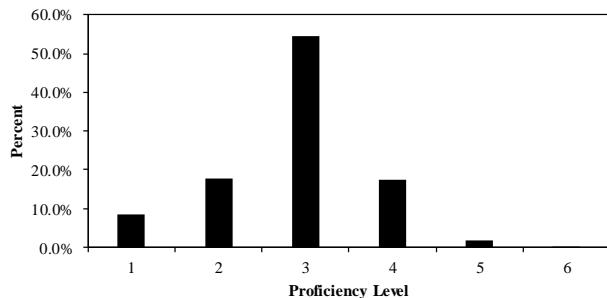
**Figure 8.3.6A**  
Scale Scores:Litr 2 S401 Paper



**Table 8.3.6A**  
Scale Score Descriptive Statistics:Litr 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,475	136	403	307.84	31.65

**Figure 8.3.6B**  
Proficiency Level: Litr 2 S401 Paper



**Table 8.3.6B**  
Proficiency Level Distribution: Litr 2 S401 Paper

Level	Count	Percent
1	6,228	8.5%
2	13,061	17.8%
3	40,017	54.5%
4	12,732	17.3%
5	1,365	1.9%
6	72	0.1%
Total	73,475	100.0%

**Table 8.3.6C**

n/a

**Figure 8.3.6C**

n/a

**Figure 8.3.6D**

n/a

**Table 8.3.6D**

Literacy Composite Reliability: Litr 2 S401 Paper

Component	Weight	Variance	Reliability
Reading	0.50	875.493	0.820
Writing	0.50	1615.100	0.930
Literacy		1001.836	0.933

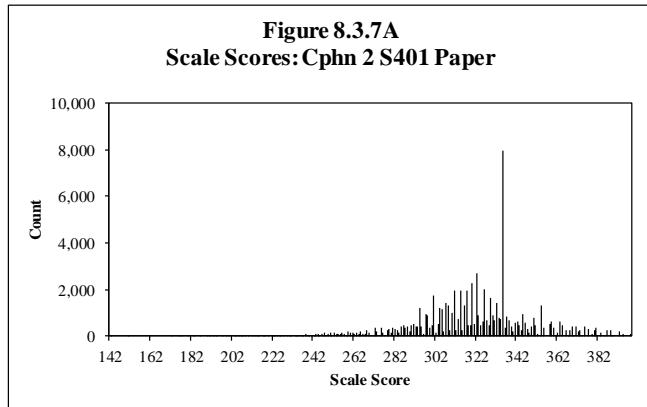
\*Variances from students who had results in all four domains

**Table 8.3.6E**

Accuracy and Consistency of Classification Indices: Litr (Grade 2) S401 Paper

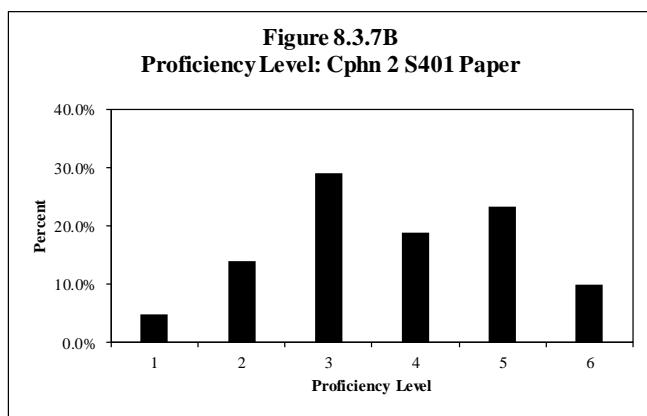
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.811	0.740	0.596		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.855	0.781		
	2	0.758	0.655		
	3	0.872	0.826		
	4	0.678	0.589		
	5	-	0.282		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.974	0.012	0.014	0.964
	2/3	0.938	0.030	0.032	0.913
	3/4	0.916	0.038	0.046	0.881
	4/5	0.980	0.020	0.000	0.981
	5/6	0.999	0.001	0.000	1.000

### 8.3.7 Comprehension Composite 2



**Table 8.3.7A**  
Scale Score Descriptive Statistics: Cphn 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,462	142	398	320.97	27.95



**Table 8.3.7B**  
Proficiency Level Distribution:  
Cphn 2 S401 Paper

Level	Count	Percent
1	3,565	4.9%
2	10,223	13.9%
3	21,303	29.0%
4	13,905	18.9%
5	17,189	23.4%
6	7,277	9.9%
Total	73,462	100.0%

**Table 8.3.7C**

n/a

**Figure 8.3.7C**

n/a

**Figure 8.3.7D**

n/a

**Table 8.3.7D**

Comprehension Composite Reliability: Cphn 2 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	1092.531	0.642
Reading	0.70	875.493	0.820
Comprehension		781.491	0.856

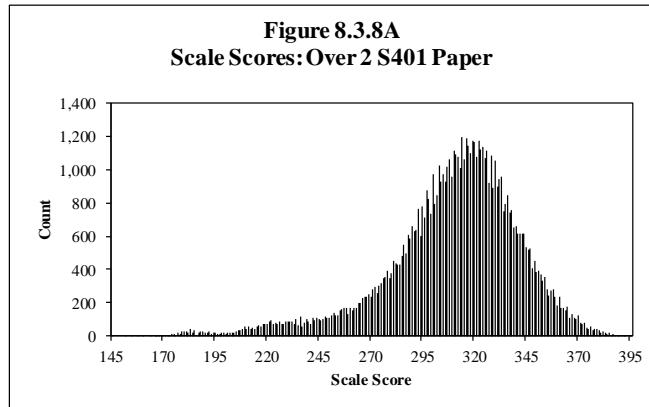
\*Variances from students who had results in all four domains

**Table 8.3.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade 2) S401 Paper

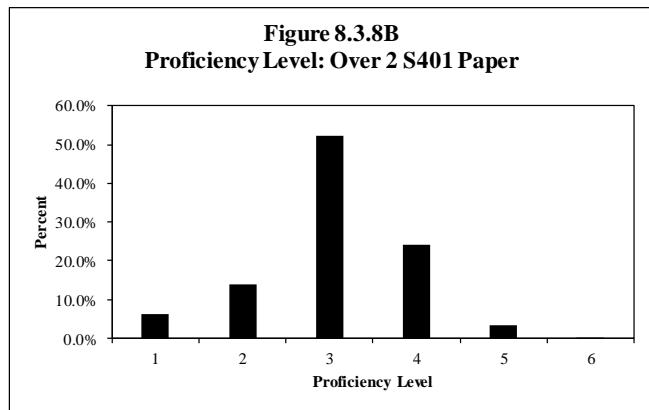
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.607	0.491	0.362		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.799	0.609		
	2	0.598	0.465		
	3	0.639	0.533		
	4	0.435	0.341		
	5	0.637	0.518		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.972	0.007	0.020	0.961
	2/3	0.917	0.041	0.042	0.880
	3/4	0.869	0.065	0.065	0.820
	4/5	0.882	0.067	0.051	0.835
	5/6	0.945	0.035	0.020	0.919

### 8.3.8 Overall Composite 2



**Table 8.3.8A**  
Scale Score Descriptive Statistics: Over 2 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
2	73,433	145	396	309.50	32.39



**Table 8.3.8B**  
Proficiency Level Distribution:  
Over 2 S401 Paper

Level	Count	Percent
1	4,514	6.1%
2	10,276	14.0%
3	38,338	52.2%
4	17,748	24.2%
5	2,476	3.4%
6	81	0.1%
Total	73,433	100.0%

**Table 8.3.8C**

n/a

**Figure 8.3.8C**

n/a

**Figure 8.3.8D**

n/a

**Table 8.3.8D**

Overall Composite Reliability: Over 2 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.15	1092.531	0.642
Reading	0.35	875.493	0.820
Speaking	0.15	4155.545	0.913
Writing	0.35	1615.100	0.930
Overall Composite		1049.191	0.952

\*Variances from students who had results in all four domains

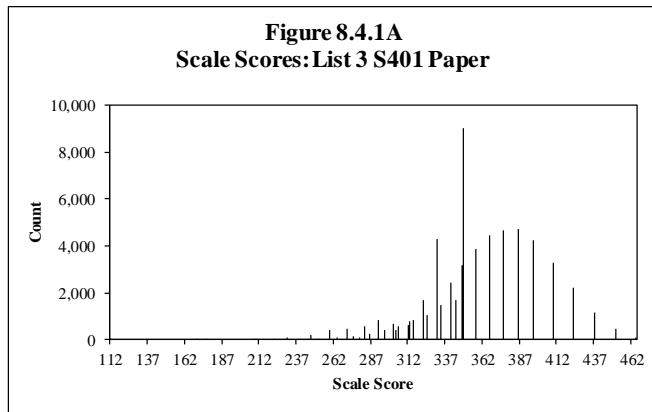
**Table 8.3.8E**

Accuracy and Consistency of Classification Indices: Over (Grade 2) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.828	0.771	0.648		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.880	0.832		
	2	0.780	0.687		
	3	0.902	0.861		
	4	0.717	0.661		
	5	-	0.359		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.984	0.007	0.009	0.979
	2/3	0.956	0.025	0.020	0.937
	3/4	0.920	0.030	0.050	0.889
	4/5	0.965	0.035	0.000	0.966
	5/6	0.999	0.001	0.000	1.000

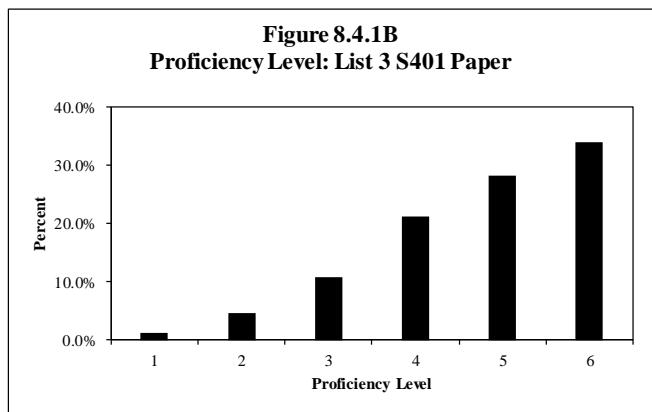
## 8.4 Grade: 3

### 8.4.1 Listening 3



**Table 8.4.1A**  
Scale Score Descriptive Statistics: List 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,360	112	465	357.28	37.45



**Table 8.4.1B**

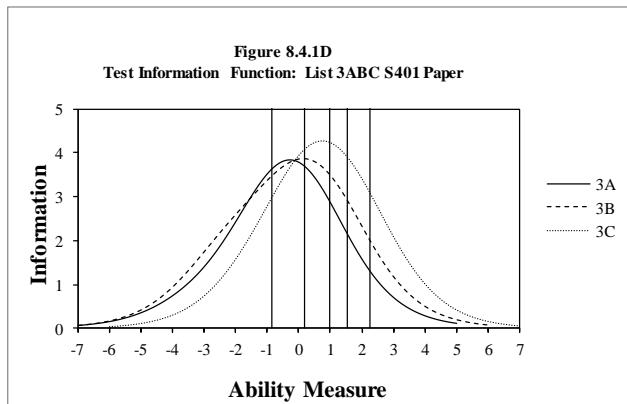
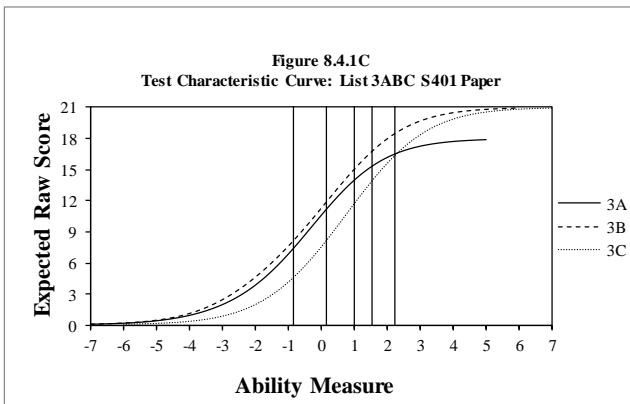
Proficiency Level Distribution:  
List 3 S401 Paper

Level	Count	Percent
1	782	1.3%
2	2,823	4.6%
3	6,627	10.8%
4	12,979	21.2%
5	17,324	28.2%
6	20,825	33.9%
Total	61,360	100.0%

**Table 8.4.1C**

Conditional Standard Error of Measurement at Cut Scores: List 3 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	3	262	21.42	21.04	25.55
2/3	3	300	19.16	19.16	19.91
3/4	3	331	19.91	18.79	18.25
4/5	3	349	n/a	19.54	18.03
5/6	3	374	n/a	n/a	18.79



**Table 8.4.1D**

Weighted Reliability: List 3 S401 Paper

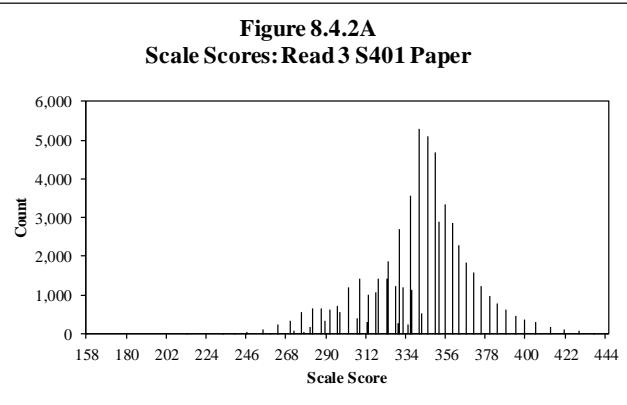
Tiers	No. of Students	Reliability	Weighted Reliability
A	6,832	0.749	0.641
B	15,488	0.644	
C	39,040	0.622	

**Table 8.4.1E**

Accuracy and Consistency of Classification Indices: List (Grade 3) S401 Paper

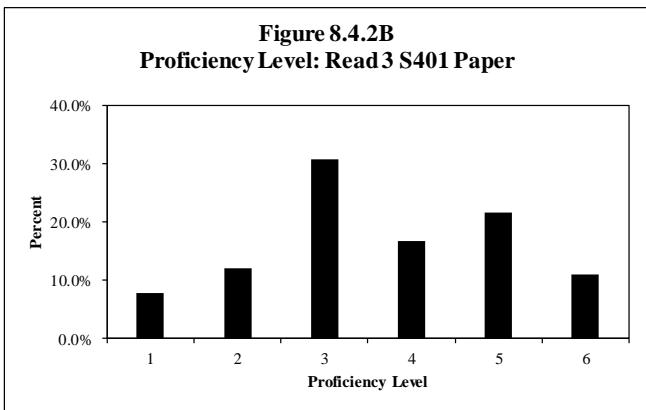
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.497	0.407	0.213	
Conditional on Level	Level	Accuracy	Consistency	
	1	-	0.199	
	2	0.399	0.214	
	3	0.313	0.218	
	4	0.376	0.298	
	5	0.422	0.354	
	6	0.756	0.621	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.987	0.000	0.984
	2/3	0.949	0.006	0.919
	3/4	0.862	0.074	0.796
	4/5	0.786	0.106	0.720
	5/6	0.817	0.109	0.746

## 8.4.2 Reading 3



**Table 8.4.2A**  
Scale Score Descriptive Statistics: Read 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,340	158	445	339.98	27.21



**Table 8.4.2B**

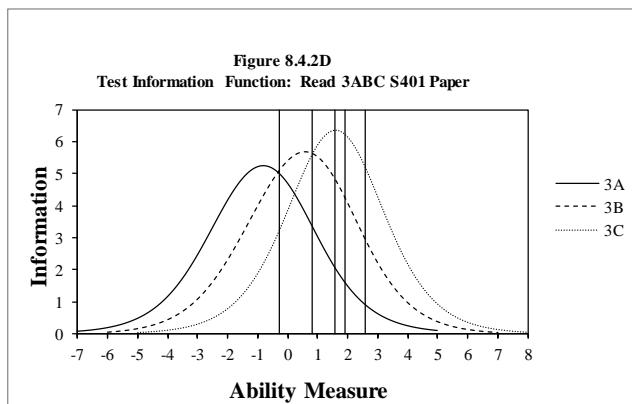
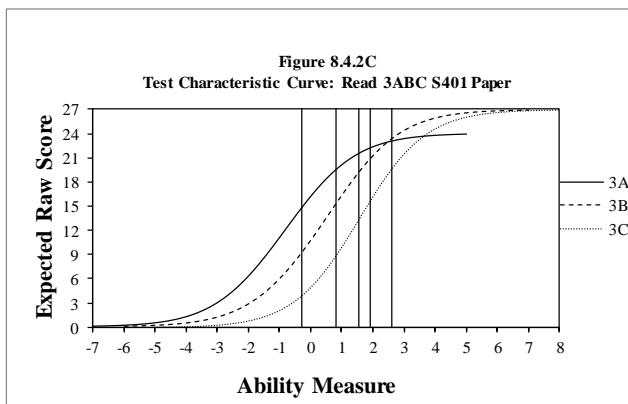
Proficiency Level Distribution:  
Read 3 S401 Paper

Level	Count	Percent
1	4,722	7.7%
2	7,398	12.1%
3	18,930	30.9%
4	10,304	16.8%
5	13,218	21.5%
6	6,768	11.0%
Total	61,340	100.0%

**Table 8.4.2C**

Conditional Standard Error of Measurement at Cut Scores: Read 3 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	3	297	11.41	13.00	19.24
2/3	3	323	11.93	11.10	13.26
3/4	3	342	13.78	10.92	11.18
4/5	3	352	n/a	11.18	10.66
5/6	3	370	n/a	n/a	10.40



**Table 8.4.2D**

Weighted Reliability: Read 3 S401 Paper

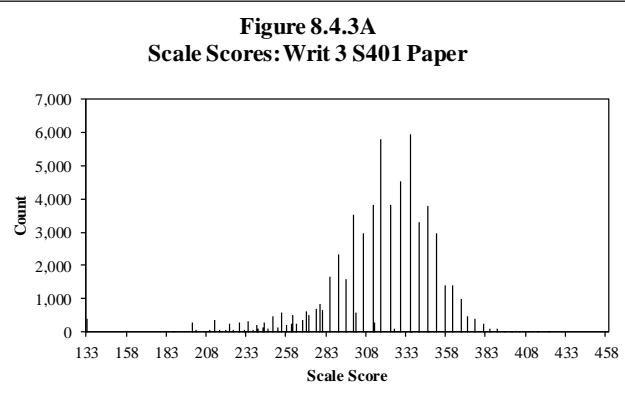
Tiers	No. of Students	Reliability	Weighted Reliability
A	6,832	0.785	0.723
B	15,475	0.765	
C	39,033	0.695	

**Table 8.4.2E**

Accuracy and Consistency of Classification Indices: Read (Grade 3) S401 Paper

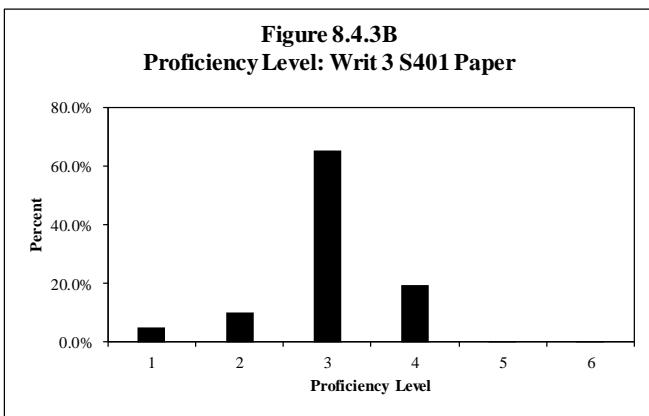
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.466	0.363	0.211	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.824	0.599	
	2	0.409	0.288	
	3	0.545	0.442	
	4	0.283	0.228	
	5	0.440	0.348	
	6	0.625	0.381	
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.954	0.008	0.936
	2/3	0.888	0.058	0.832
	3/4	0.801	0.089	0.737
	4/5	0.818	0.089	0.751
	5/6	0.906	0.068	0.860

### 8.4.3 Writing 3



**Table 8.4.3A**  
Scale Score Descriptive Statistics: Writ 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,358	133	459	314.29	36.53



**Table 8.4.3B**

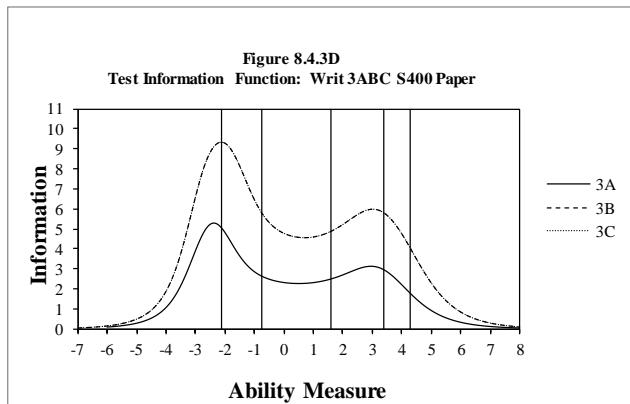
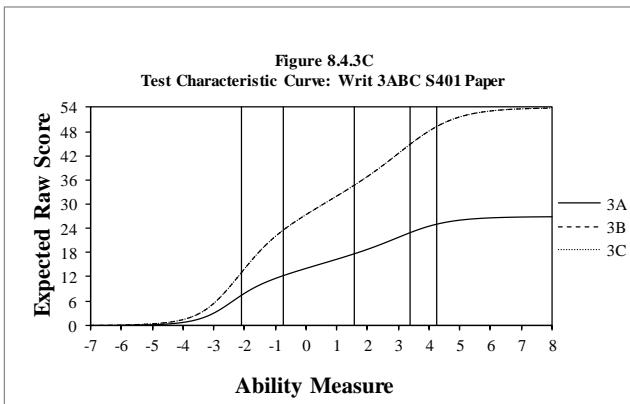
Proficiency Level Distribution:  
Writ 3 S401 Paper

Level	Count	Percent
1	3,155	5.1%
2	6,087	9.9%
3	40,228	65.6%
4	11,799	19.2%
5	85	0.1%
6	4	0.0%
Total	61,358	100.0%

**Table 8.4.3C**

Conditional Standard Error of Measurement at Cut Scores: Writ 3 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	3	247	12.08	8.86
2/3	3	283	16.65	11.28
3/4	3	346	17.18	12.14
4/5	3	394	15.65	11.14
5/6	3	418	20.41	13.43



**Table 8.4.3D**

Weighted Reliability: Writ 3 S401 Paper

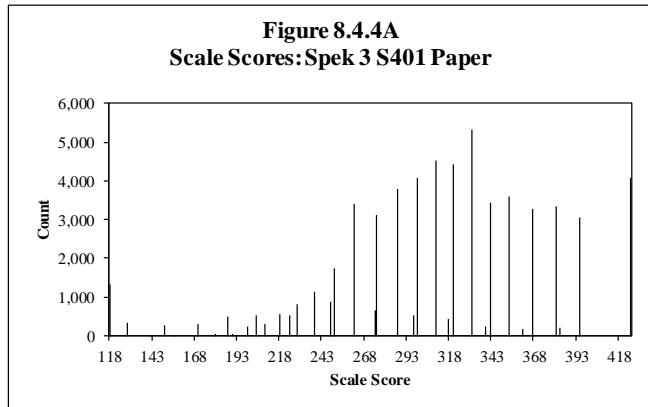
Tiers	No. of Students	Reliability	Weighted Reliability
A	6,831	0.909	0.917
B/C	54,527	0.918	

**Table 8.4.3E**

Accuracy and Consistency of Classification Indices: Writ (Grade 3) S401 Paper

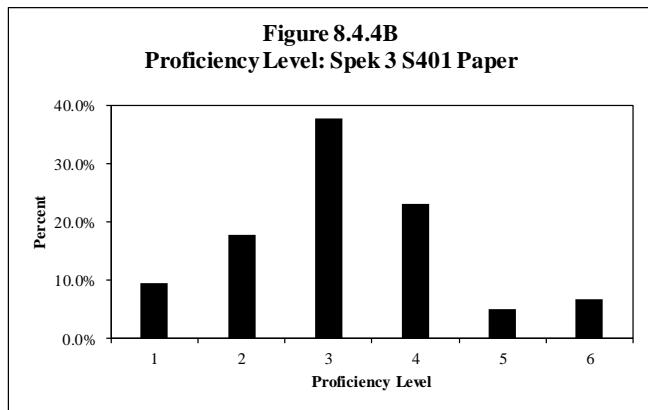
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.758	0.713	0.434	
Conditional on Level	Level	Accuracy		Consistency
	1	0.877		0.801
	2	0.767		0.656
	3	0.750		0.783
	4	-		0.424
	5	-		-
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.987	0.006	0.007
	2/3	0.965	0.015	0.020
	3/4	0.806	0.194	0.000
	4/5	0.999	0.001	0.000
	5/6	1.000	0.000	0.000
	Consistency			

## 8.4.4 Speaking 3



**Table 8.4.4A**  
Scale Score Descriptive Statistics: Spek 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,329	118	425	312.71	64.89

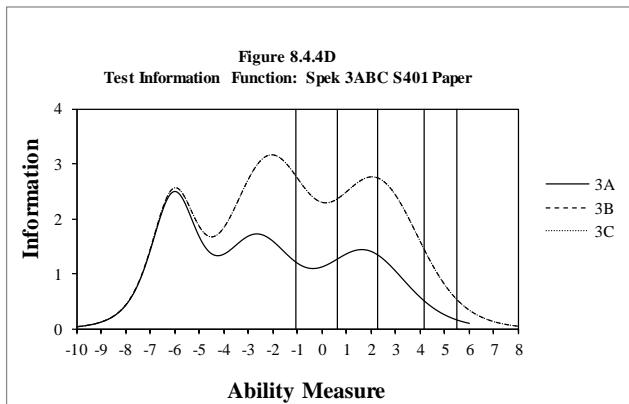
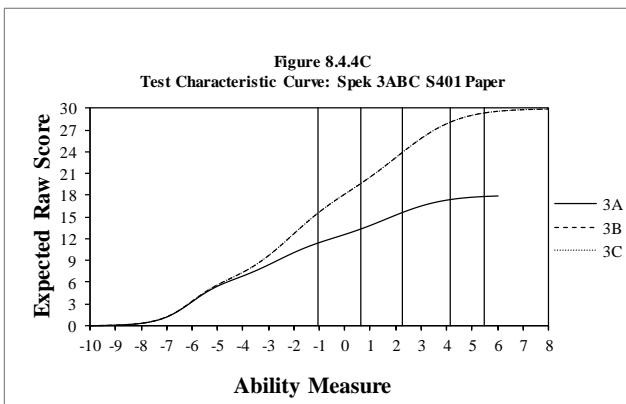


**Table 8.4.4B**  
Proficiency Level Distribution:  
Spek 3 S401 Paper

Level	Count	Percent
1	5,882	9.6%
2	10,944	17.8%
3	23,129	37.7%
4	14,235	23.2%
5	3,054	5.0%
6	4,085	6.7%
Total	61,329	100.0%

**Table 8.4.4C**  
Conditional Standard Error of Measurement at Cut Scores: Spek 3 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	3	234	26.62	17.55
2/3	3	283	26.03	19.01
3/4	3	332	25.45	17.55
4/5	3	386	40.95	24.28
5/6	3	425	72.83	40.07



**Table 8.4.4D**

Weighted Reliability: Spek 3 S401 Paper

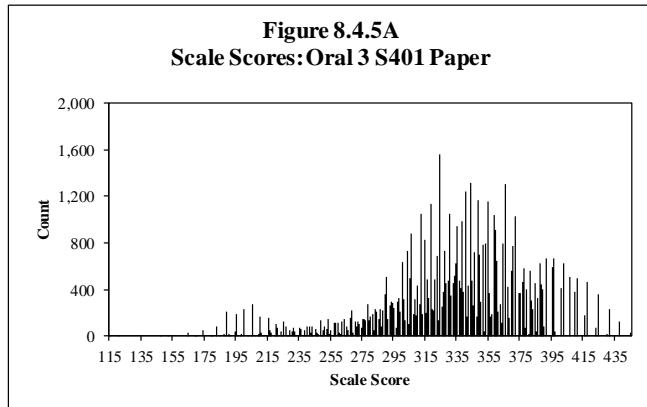
Tiers	No. of Students	Reliability	Weighted Reliability
A	6,828	0.921	0.911
B/C	54,501	0.910	

**Table 8.4.4E**

Accuracy and Consistency of Classification Indices: Spek (Grade 3) S401 Paper

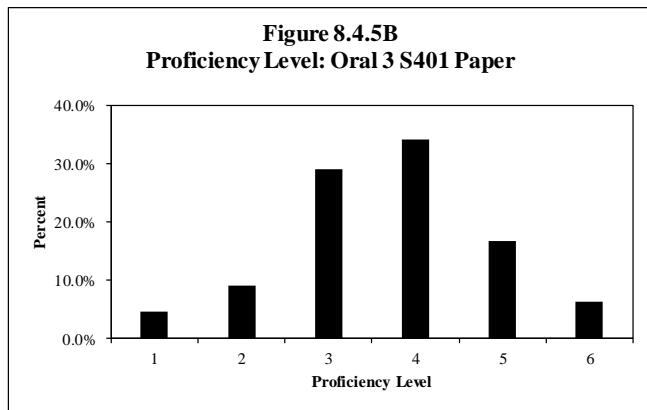
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.653	0.547	0.412	
Conditional on Level	Level	Accuracy		Consistency
	1	0.791		0.669
	2	0.624		0.498
	3	0.774		0.688
	4	0.631		0.509
	5	0.253		0.230
Indices at Cut Points	Cut Point	Accuracy		Consistency
	1/2	0.961	0.020	0.942
	2/3	0.905	0.052	0.867
	3/4	0.895	0.031	0.855
	4/5	0.947	0.033	0.914
	5/6	0.933	0.067	0.934

## 8.4.5 Oral Language Composite 3



**Table 8.4.5A**  
Scale Score Descriptive Statistics: Oral 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,323	115	445	335.25	45.28



**Table 8.4.5B**

Proficiency Level Distribution:  
Oral 3 S401 Paper

Level	Count	Percent
1	2,817	4.6%
2	5,604	9.1%
3	17,897	29.2%
4	20,907	34.1%
5	10,212	16.7%
6	3,886	6.3%
Total	61,323	100.0%

**Table 8.4.5C**

n/a

**Figure 8.4.5C**

n/a

**Figure 8.4.5D**

n/a

**Table 8.4.5D**

Oral Composite Reliability: Oral 3 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.50	1402.148	0.641
Speaking	0.50	4210.077	0.911
Oral		2050.509	0.893

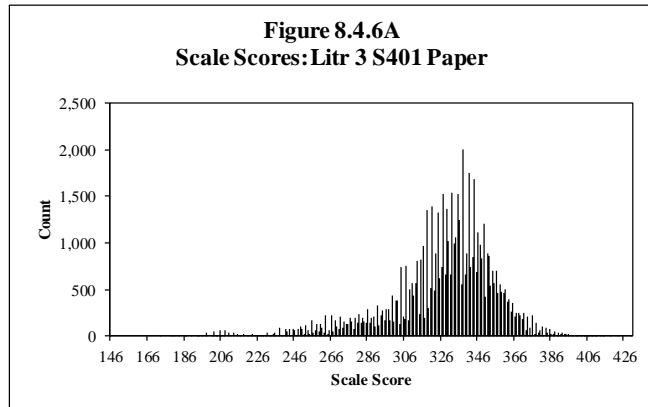
\*Variances from students who had results in all four domains

**Table 8.4.5E**

Accuracy and Consistency of Classification Indices: Oral (Grade 3) S401 Paper

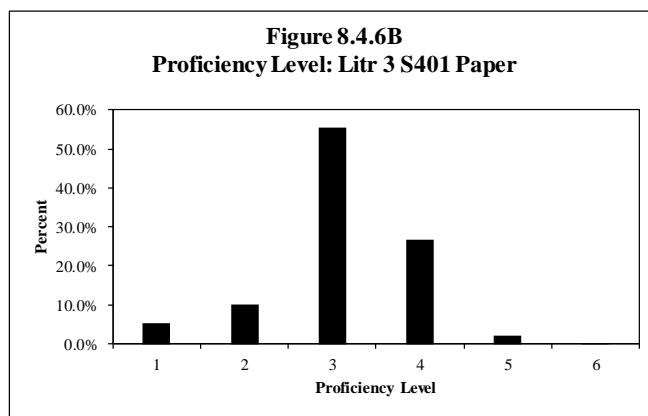
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.667	0.563	0.426		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.862	0.740		
	2	0.601	0.462		
	3	0.735	0.630		
	4	0.701	0.602		
	5	0.533	0.457		
	6	0.759	0.482		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.982	0.005	0.013	0.974
	2/3	0.948	0.028	0.024	0.922
	3/4	0.889	0.049	0.062	0.846
	4/5	0.908	0.041	0.051	0.866
	5/6	0.940	0.059	0.001	0.935

## **8.4.6 Literacy Composite 3**



**Table 8.4.6A**  
Scale Score Descriptive Statistics: Litr 3 S401 Paper

<b>Grade</b>	<b>No. of Students</b>	<b>Min.</b>	<b>Max.</b>	<b>Mean</b>	<b>Std. Dev.</b>
<b>3</b>	<b>61,328</b>	<b>146</b>	<b>430</b>	<b>327.39</b>	<b>28.67</b>



**Table 8.4.6B**  
Proficiency Level Distribution: Litr  
3 S401 Paper

Level	Count	Percent
1	3,279	5.3%
2	6,234	10.2%
3	33,930	55.3%
4	16,419	26.8%
5	1,313	2.1%
6	153	0.2%
Total	61,328	100.0%

**Table 8.4.6C**

n/a

**Figure 8.4.6C**

n/a

**Figure 8.4.6D**

n/a

**Table 8.4.6D**

Literacy Composite Reliability: Litr 3 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Reading	0.50	739.959	0.723
Writing	0.50	1333.541	0.917
Literacy		821.927	0.904

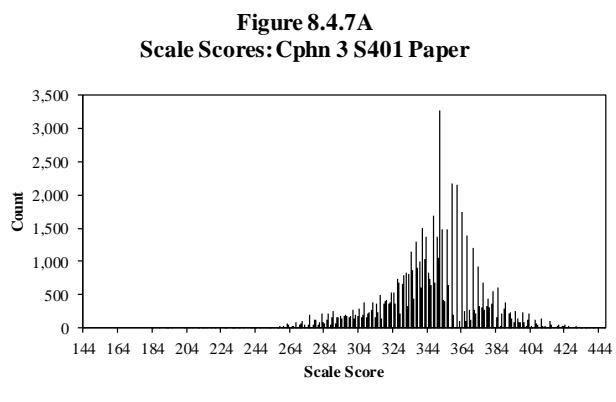
\*Variances from students who had results in all four domains

**Table 8.4.6E**

Accuracy and Consistency of Classification Indices: Litr (Grade 3) S401 Paper

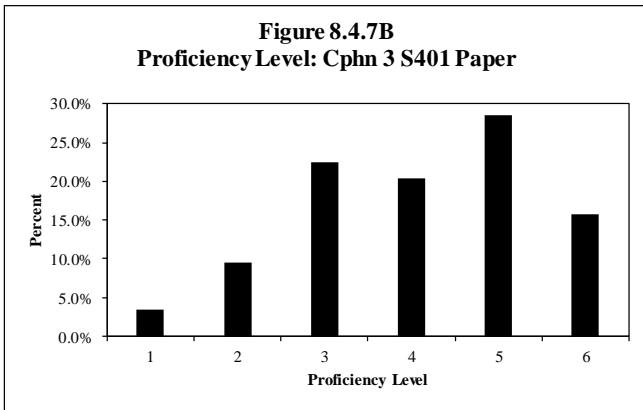
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.787	0.712	0.534		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.847	0.806		
	2	0.688	0.560		
	3	0.865	0.801		
	4	0.685	0.611		
	5	-	0.140		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.982	0.008	0.011	0.978
	2/3	0.952	0.025	0.022	0.934
	3/4	0.870	0.051	0.079	0.822
	4/5	0.976	0.024	0.000	0.976
	5/6	0.998	0.002	0.000	1.000

## 8.4.7 Comprehension Composite 3



**Table 8.4.7A**  
Scale Score Descriptive Statistics: Cphn 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,337	144	447	345.24	28.00



**Table 8.4.7B**

Proficiency Level Distribution:  
Cphn 3 S401 Paper

Level	Count	Percent
1	2,144	3.5%
2	5,853	9.5%
3	13,726	22.4%
4	12,529	20.4%
5	17,452	28.5%
6	9,633	15.7%
Total	61,337	100.0%

**Table 8.4.7C**

n/a

**Figure 8.4.7C**

n/a

**Figure 8.4.7D**

n/a

**Table 8.4.7D**

Comprehension Composite Reliability: Cphn 3 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	1402.148	0.641
Reading	0.70	739.959	0.723
Comprehension		783.831	0.814

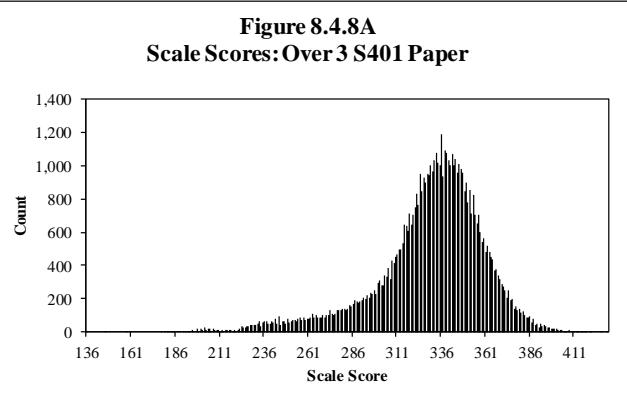
\*Variances from students who had results in all four domains

**Table 8.4.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade 3) S401 Paper

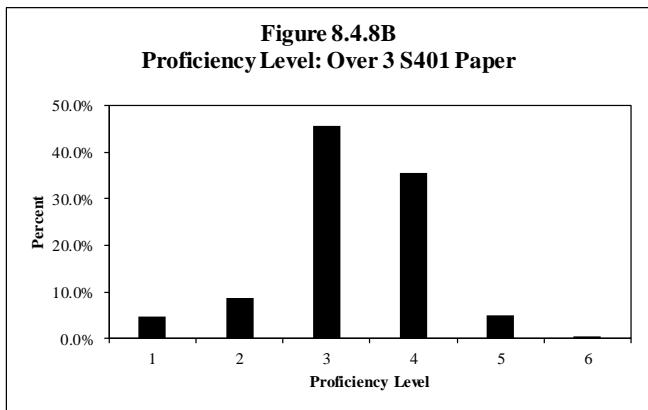
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.562	0.450	0.308		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.831	0.620		
	2	0.560	0.411		
	3	0.555	0.437		
	4	0.410	0.325		
	5	0.572	0.472		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.979	0.003	0.018	0.972
	2/3	0.937	0.026	0.038	0.905
	3/4	0.860	0.074	0.067	0.806
	4/5	0.841	0.080	0.079	0.785
	5/6	0.907	0.054	0.039	0.863

## 8.4.8 Overall Composite 3



**Table 8.4.8A**  
Scale Score Descriptive Statistics: Over 3 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
3	61,292	136	430	329.54	31.16



**Table 8.4.8B**  
Proficiency Level Distribution:  
Over 3 S401 Paper

Level	Count	Percent
1	2,938	4.8%
2	5,296	8.6%
3	28,054	45.8%
4	21,818	35.6%
5	2,958	4.8%
6	228	0.4%
Total	61,292	100.0%

**Table 8.4.8C**

n/a

**Figure 8.4.8C**

n/a

**Figure 8.4.8D**

n/a

**Table 8.4.8D**

Overall Composite Reliability: Over 3 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.15	1402.148	0.641
Reading	0.35	739.959	0.723
Speaking	0.15	4210.077	0.911
Writing	0.35	1333.541	0.917
Overall Composite		971.188	0.940

\*Variances from students who had results in all four domains

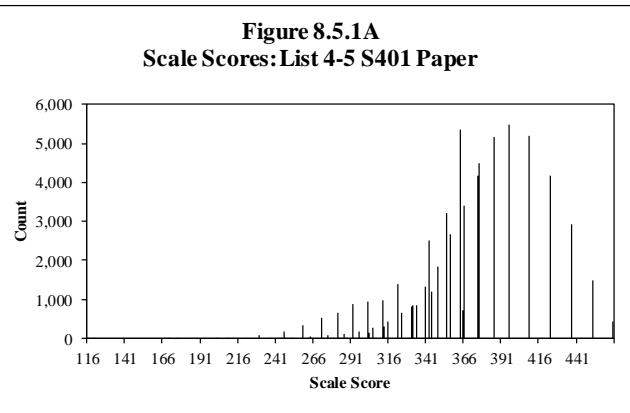
**Table 8.4.8E**

Accuracy and Consistency of Classification Indices: Over (Grade 3) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.814	0.756	0.625		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.848	0.861		
	2	0.719	0.606		
	3	0.891	0.839		
	4	0.755	0.716		
	5	-	0.311		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.985	0.007	0.008	0.984
	2/3	0.963	0.023	0.014	0.951
	3/4	0.908	0.036	0.056	0.876
	4/5	0.948	0.052	0.000	0.945
	5/6	0.996	0.004	0.000	1.000

## 8.5 Grades: 4–5

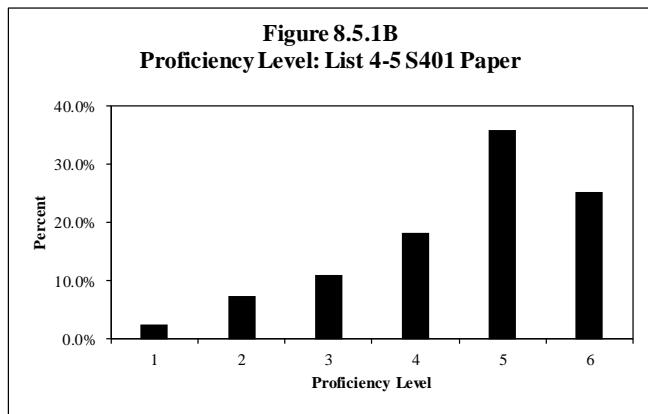
### 8.5.1 Listening 4–5



**Table 8.5.1A**

Scale Score Descriptive Statistics: List 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,323	116	465	365.03	39.21
5	32,341	120	465	376.72	40.54
Total	66,664	116	465	370.70	40.29



**Table 8.5.1B**

Proficiency Level Distribution: List 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	770	2.2%	865	2.7%	1,635	2.5%
2	2,404	7.0%	2,444	7.6%	4,848	7.3%
3	3,975	11.6%	3,316	10.3%	7,291	10.9%
4	6,437	18.8%	5,663	17.5%	12,100	18.2%
5	12,317	35.9%	11,585	35.8%	23,902	35.9%
6	8,420	24.5%	8,468	26.2%	16,888	25.3%
Total	34,323	100.0%	32,341	100.0%	66,664	100.0%

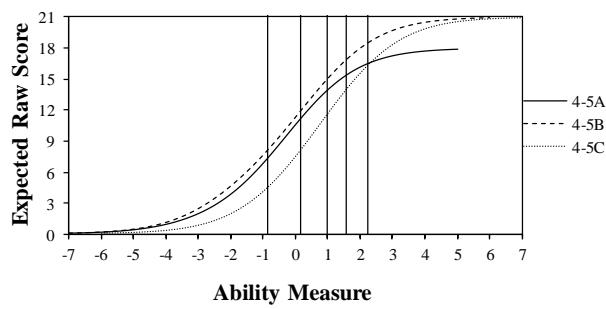
**Table 8.5.1C**

Conditional Standard Error of Measurement at Cut Scores: List 4-5 S401 Paper

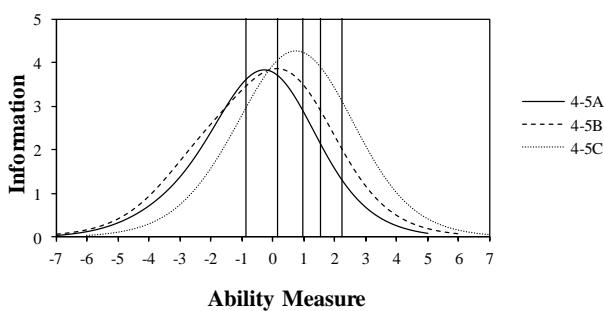
Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	4	275	20.29	20.22	23.29
	5	285	19.54	19.54	21.79
2/3	4	313	19.16	18.79	19.05
	5	323	19.54	18.79	18.41
3/4	4	343	20.75	19.54	18.03
	5	354	22.17	19.97	18.03
4/5	4	363	n/a	20.66	18.41
	5	375	n/a	22.17	19.16
5/6	4	388	n/a	n/a	19.91
	5	401	n/a	n/a	21.42

**Figure 8.5.1C**

Test Characteristic Curve: List 4-5ABC S401 Paper

**Figure 8.5.1D**

Test Information Function: List 4-5ABC S401 Paper

**Table 8.5.1D**

Weighted Reliability: List 4-5 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	10,541	0.771	0.667
B	15,653	0.695	
C	40,470	0.629	

**Table 8.5.1Ei**

Accuracy and Consistency of Classification Indices: List (Grade 4) S401 Paper

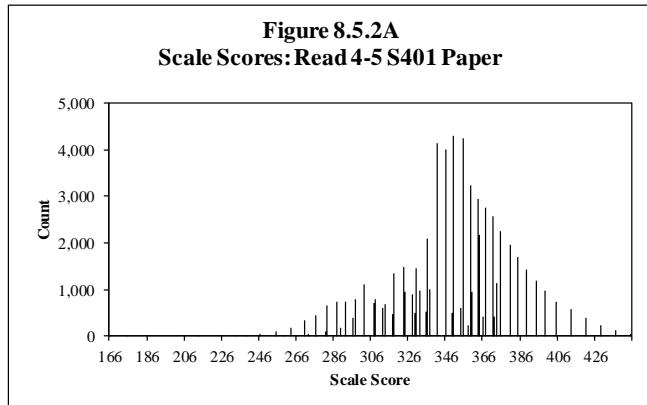
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.479	0.381	0.202	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.745	0.338	
	2	0.450	0.287	
	3	0.317	0.221	
	4	0.322	0.256	
	5	0.535	0.456	
	6	0.662	0.513	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.979	0.001	0.020
	2/3	0.934	0.014	0.052
	3/4	0.861	0.075	0.064
	4/5	0.781	0.131	0.088
	5/6	0.833	0.085	0.082
				<b>Consistency</b>
				0.973
				0.900

**Table 8.5.1Eii**

Accuracy and Consistency of Classification Indices: List (Grade 5) S401 Paper

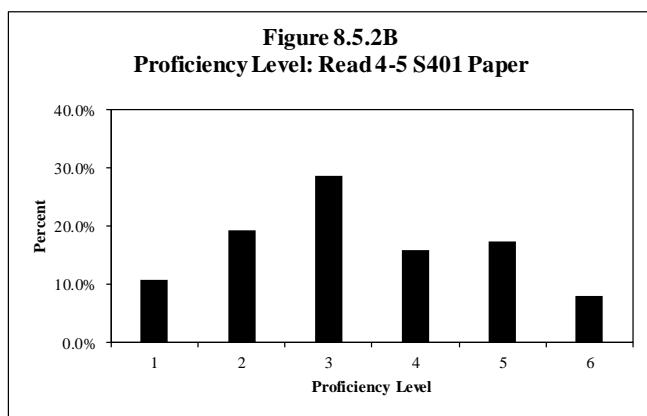
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.479	0.382	0.201	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.735	0.381	
	2	0.462	0.300	
	3	0.290	0.200	
	4	0.310	0.242	
	5	0.527	0.451	
	6	0.670	0.521	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.976	0.002	0.022
	2/3	0.931	0.014	0.056
	3/4	0.870	0.068	0.062
	4/5	0.786	0.128	0.086
	5/6	0.822	0.096	0.081
				<b>Consistency</b>
				0.969
				0.898

## 8.5.2 Reading 4–5



**Table 8.5.2A**  
Scale Score Descriptive Statistics: Read 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,305	166	445	344.98	28.97
5	32,317	175	445	354.01	30.71
Total	66,622	166	445	349.36	30.16



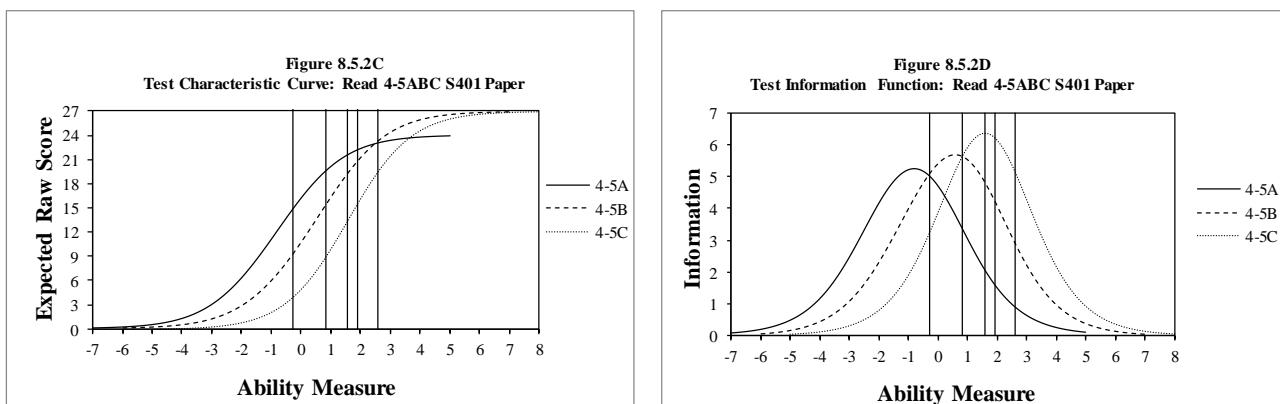
**Table 8.5.2B**  
Proficiency Level Distribution: Read 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	3,492	10.2%	3,645	11.3%	7,137	10.7%
2	6,343	18.5%	6,453	20.0%	12,796	19.2%
3	9,535	27.8%	9,559	29.6%	19,094	28.7%
4	6,498	18.9%	4,139	12.8%	10,637	16.0%
5	5,936	17.3%	5,655	17.5%	11,591	17.4%
6	2,501	7.3%	2,866	8.9%	5,367	8.1%
Total	34,305	100.0%	32,317	100.0%	66,622	100.0%

**Table 8.5.2C**

Conditional Standard Error of Measurement at Cut Scores: Read 4-5 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	4	307	11.39	11.96	16.38
	5	316	11.70	11.44	14.56
2/3	4	335	12.86	10.92	11.70
	5	345	14.30	10.92	10.92
3/4	4	354	15.86	11.18	10.66
	5	364	17.94	11.96	10.40
4/5	4	364	n/a	11.96	10.40
	5	373	n/a	12.74	10.40
5/6	4	382	n/a	n/a	10.92
	5	391	n/a	n/a	11.44

**Table 8.5.2D**

Weighted Reliability: Read 4-5 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	10,540	0.826	0.781
B	15,638	0.813	
C	40,444	0.756	

**Table 8.5.2Ei**

Accuracy and Consistency of Classification Indices: Read (Grade 4) S401 Paper

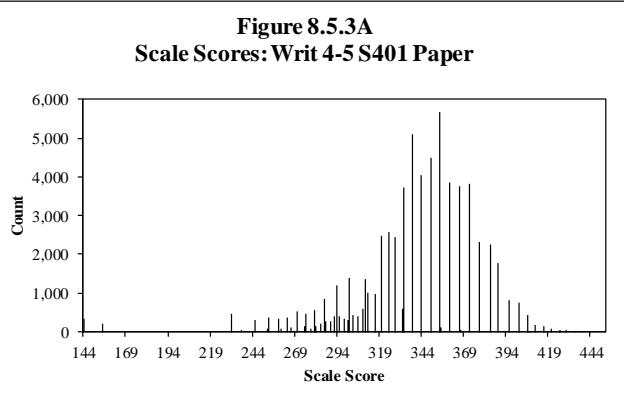
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.501	0.393	0.252	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.808	0.631	
	2	0.523	0.396	
	3	0.499	0.409	
	4	0.362	0.289	
	5	0.448	0.342	
	6	0.633	0.367	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.946	0.015	0.039
	2/3	0.874	0.066	0.060
	3/4	0.819	0.101	0.080
	4/5	0.850	0.075	0.075
	5/6	0.939	0.045	0.016
	<b>Cut Point</b>	<b>Consistency</b>		
		0.923	0.818	0.761
	4/5	0.792	0.905	

**Table 8.5.2Eii**

Accuracy and Consistency of Classification Indices: Read (Grade 5) S401 Paper

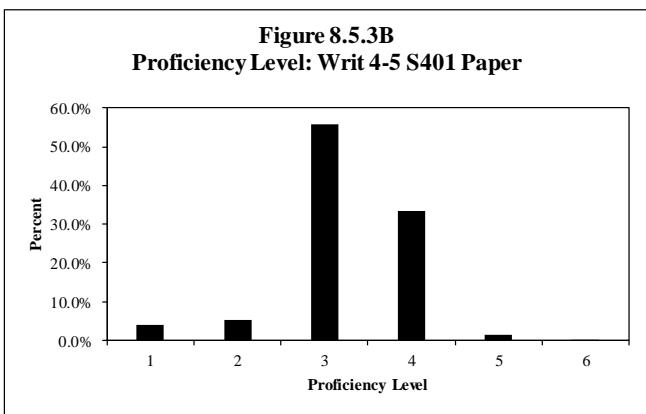
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.503	0.397	0.257	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.793	0.611	
	2	0.509	0.393	
	3	0.526	0.433	
	4	0.258	0.201	
	5	0.454	0.344	
	6	0.668	0.423	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.939	0.018	0.043
	2/3	0.860	0.076	0.064
	3/4	0.828	0.086	0.086
	4/5	0.855	0.078	0.067
	5/6	0.932	0.048	0.020
	<b>Cut Point</b>	<b>Consistency</b>		
		0.912	0.803	0.769
	4/5	0.797	0.896	

### 8.5.3 Writing 4–5



**Table 8.5.3A**  
Scale Score Descriptive Statistics: Writ 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,322	144	443	333.20	37.64
5	32,336	155	452	343.56	37.69
Total	66,658	144	452	338.22	38.02



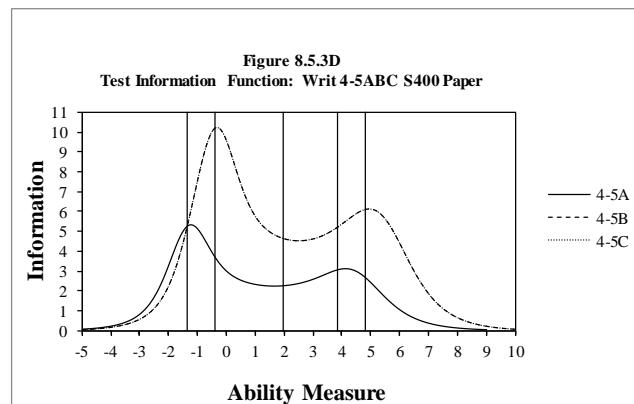
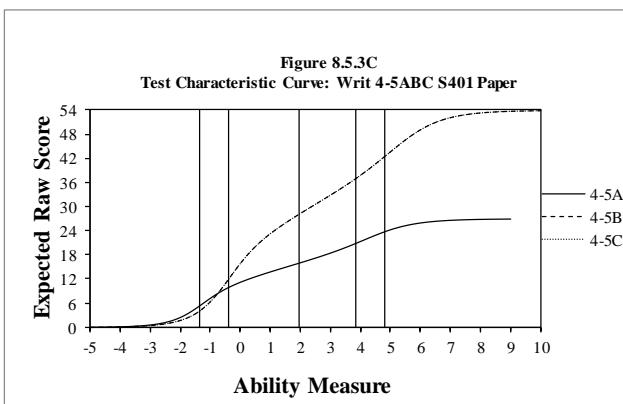
**Table 8.5.3B**  
Proficiency Level Distribution: Writ 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	1,521	4.4%	1,106	3.4%	2,627	3.9%
2	1,937	5.6%	1,667	5.2%	3,604	5.4%
3	19,923	58.0%	17,347	53.6%	37,270	55.9%
4	10,401	30.3%	11,827	36.6%	22,228	33.3%
5	507	1.5%	369	1.1%	876	1.3%
6	33	0.1%	20	0.1%	53	0.1%
Total	34,322	100.0%	32,336	100.0%	66,658	100.0%

**Table 8.5.3C**

Conditional Standard Error of Measurement at Cut Scores: Writ 4-5 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	4	266	11.81	11.79
	5	267	11.55	11.55
2/3	4	288	13.43	8.59
	5	293	14.04	8.32
3/4	4	351	17.99	12.35
	5	356	17.72	12.35
4/5	4	401	15.57	11.98
	5	407	15.31	11.81
5/6	4	425	15.57	11.01
	5	433	16.65	10.74

**Table 8.5.3D**

Weighted Reliability: Writ 4-5 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	10,542	0.879	0.894
B/C	56,116	0.897	

**Table 8.5.3Ei**

Accuracy and Consistency of Classification Indices: Writ (Grade 4) S401 Paper

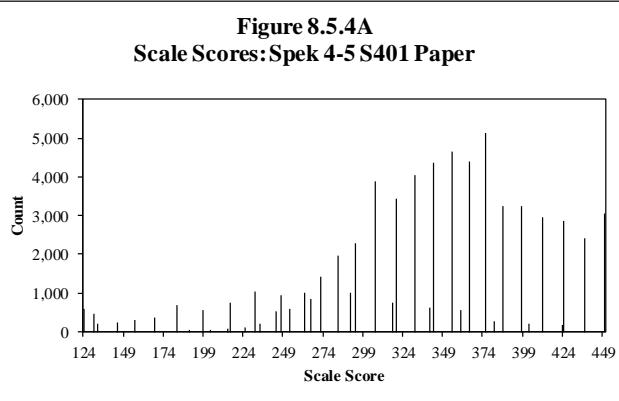
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.744	0.669	0.429		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.798	0.703		
	2	0.582	0.435		
	3	0.867	0.768		
	4	0.615	0.559		
	5	-	-		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.983	0.009	0.007	0.976
	2/3	0.965	0.016	0.019	0.951
	3/4	0.810	0.046	0.144	0.749
	4/5	0.984	0.016	0.000	0.985
	5/6	0.999	0.001	0.000	1.000

**Table 8.5.3Eii**

Accuracy and Consistency of Classification Indices: Writ (Grade 5) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.802	0.732	0.542		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.813	0.706		
	2	0.573	0.422		
	3	0.883	0.809		
	4	0.742	0.691		
	5	-	0.045		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.987	0.006	0.007	0.981
	2/3	0.967	0.017	0.016	0.953
	3/4	0.858	0.040	0.102	0.807
	4/5	0.988	0.012	0.000	0.988
	5/6	0.999	0.001	0.000	1.000

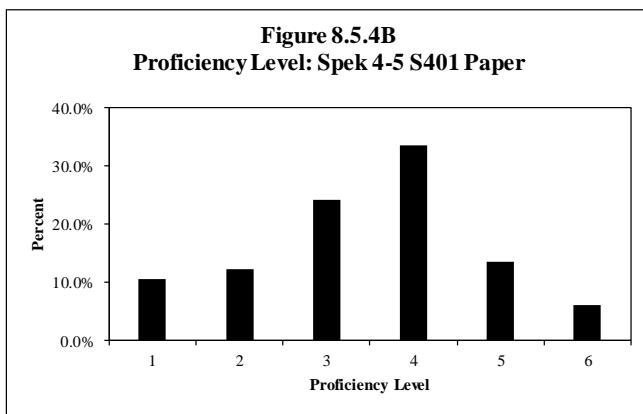
## 8.5.4 Speaking 4–5



**Table 8.5.4A**

Scale Score Descriptive Statistics: Spek 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,328	124	450	334.34	70.01
5	32,340	130	450	343.69	70.04
Total	66,668	124	450	338.88	70.18



**Table 8.5.4B**

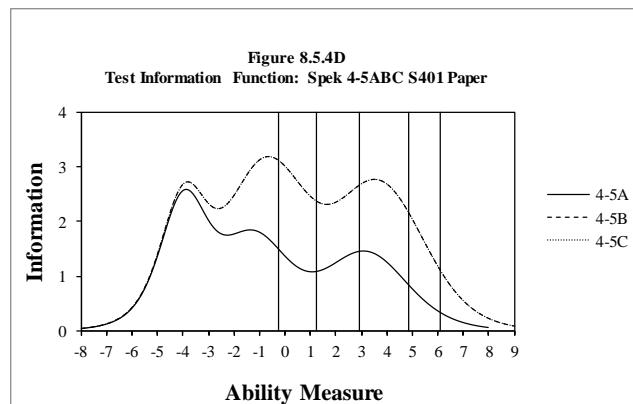
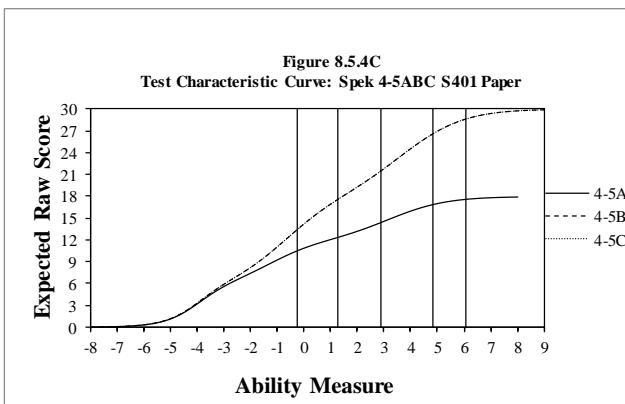
Proficiency Level Distribution: Spek 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	3,400	9.9%	3,576	11.1%	6,976	10.5%
2	4,414	12.9%	3,696	11.4%	8,110	12.2%
3	8,279	24.1%	7,867	24.3%	16,146	24.2%
4	11,468	33.4%	10,879	33.6%	22,347	33.5%
5	4,341	12.6%	4,650	14.4%	8,991	13.5%
6	2,426	7.1%	1,672	5.2%	4,098	6.1%
Total	34,328	100.0%	32,340	100.0%	66,668	100.0%

**Table 8.5.4C**

Conditional Standard Error of Measurement at Cut Scores: Spek 4-5 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	4	246	22.52	16.38
	5	258	23.98	16.67
2/3	4	293	28.08	18.72
	5	302	28.08	19.01
3/4	4	342	24.57	18.13
	5	350	24.28	17.84
4/5	4	397	29.25	19.01
	5	407	31.88	20.18
5/6	4	435	45.04	25.74
	5	443	50.60	28.08

**Table 8.5.4D**

Weighted Reliability: Spek 4-5 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	10,541	0.897	0.906
B/C	56,127	0.908	

**Table 8.5.4Ei**

Accuracy and Consistency of Classification Indices: Spek (Grade 4) S401 Paper

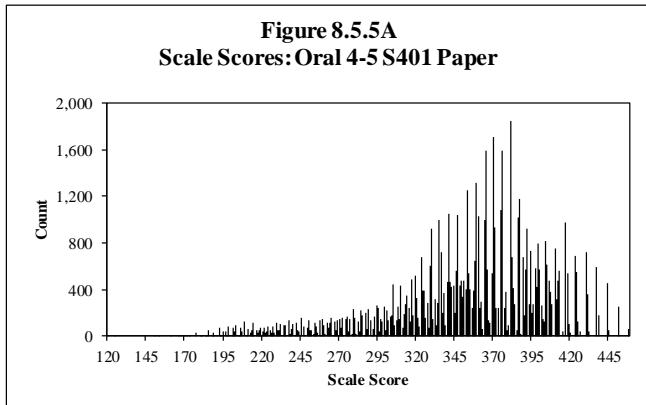
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.627	0.523	0.391	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.820	0.709	
	2	0.589	0.460	
	3	0.658	0.546	
	4	0.694	0.578	
	5	0.416	0.358	
	6	-	0.350	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.964	0.018	0.019
	2/3	0.928	0.036	0.036
	3/4	0.899	0.042	0.059
	4/5	0.898	0.046	0.056
	5/6	0.929	0.071	0.000
				<b>Consistency</b>
				0.946
				0.899

**Table 8.5.4Eii**

Accuracy and Consistency of Classification Indices: Spek (Grade 5) S401 Paper

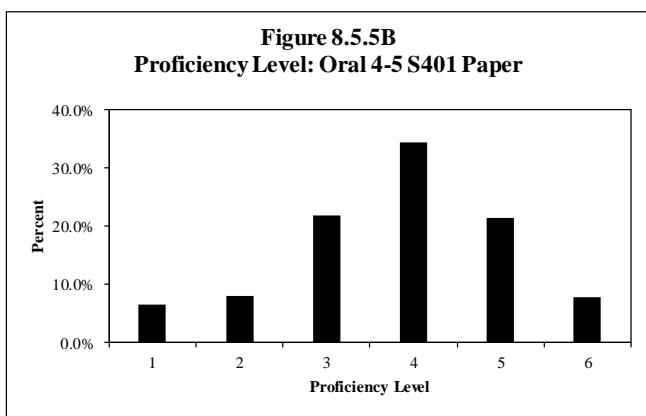
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.640	0.536	0.402	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.835	0.729	
	2	0.540	0.413	
	3	0.676	0.563	
	4	0.676	0.569	
	5	0.484	0.413	
	6	-	0.243	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.962	0.018	0.020
	2/3	0.929	0.037	0.034
	3/4	0.901	0.038	0.060
	4/5	0.889	0.057	0.053
	5/6	0.948	0.052	0.000
				<b>Consistency</b>
				0.944
				0.900

## 8.5.5 Oral Language Composite 4–5



**Table 8.5.5A**  
Scale Score Descriptive Statistics: Oral 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,319	120	458	349.94	49.33
5	32,339	125	458	360.46	49.94
Total	66,658	120	458	355.05	49.90



**Table 8.5.5B**

Proficiency Level Distribution: Oral 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	2,167	6.3%	2,212	6.8%	4,379	6.6%
2	2,760	8.0%	2,582	8.0%	5,342	8.0%
3	8,059	23.5%	6,532	20.2%	14,591	21.9%
4	11,351	33.1%	11,581	35.8%	22,932	34.4%
5	7,407	21.6%	6,867	21.2%	14,274	21.4%
6	2,575	7.5%	2,565	7.9%	5,140	7.7%
Total	34,319	100.0%	32,339	100.0%	66,658	100.0%

**Table 8.5.5C**

n/a

**Figure 8.5.5C**

n/a

**Figure 8.5.5D**

n/a

**Table 8.5.5D**

Oral Composite Reliability: Oral 4-5 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.50	1622.783	0.667
Speaking	0.50	4926.133	0.906
Oral		2490.914	0.899

\*Variances from students who had results in all four domains

**Table 8.5.5Ei**

Accuracy and Consistency of Classification Indices: Oral (Grade 4) S401 Paper

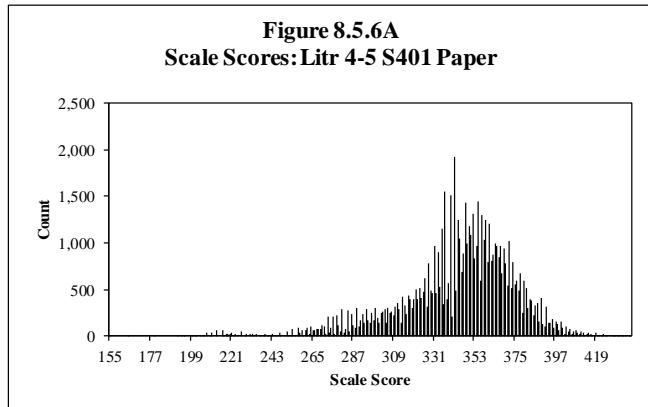
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.656	0.550		0.419
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.883		0.783
	2	0.564		0.429
	3	0.700		0.583
	4	0.695		0.591
	5	0.567		0.497
	6	0.659		0.413
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.978	0.006	0.016
	2/3	0.953	0.025	0.022
	3/4	0.901	0.045	0.054
	4/5	0.894	0.046	0.060
	5/6	0.928	0.069	0.003
	<b>Consistency</b>			
	0.970			
	0.930			
	0.862			
	0.849			
	0.915			

**Table 8.5.5Eii**

Accuracy and Consistency of Classification Indices: Oral (Grade 5) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.649	0.546	0.412		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.881	0.782		
	2	0.562	0.428		
	3	0.659	0.536		
	4	0.725	0.623		
	5	0.540	0.476		
	6	-	0.397		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.977	0.007	0.016	0.968
	2/3	0.954	0.023	0.023	0.932
	3/4	0.905	0.045	0.049	0.868
	4/5	0.890	0.045	0.065	0.842
	5/6	0.921	0.079	0.000	0.910

## 8.5.6 Literacy Composite 4–5



**Table 8.5.6D**

Literacy Composite Reliability: Litr 4-5 S401 Paper

Component	Weight	Variance	Reliability
Reading	0.50	909.877	0.781
Writing	0.50	1445.912	0.894
Literacy		972.080	0.909

\*Variances from students who had results in all four domains

**Table 8.5.6Ei**

Accuracy and Consistency of Classification Indices: Litr (Grade 4) S401 Paper

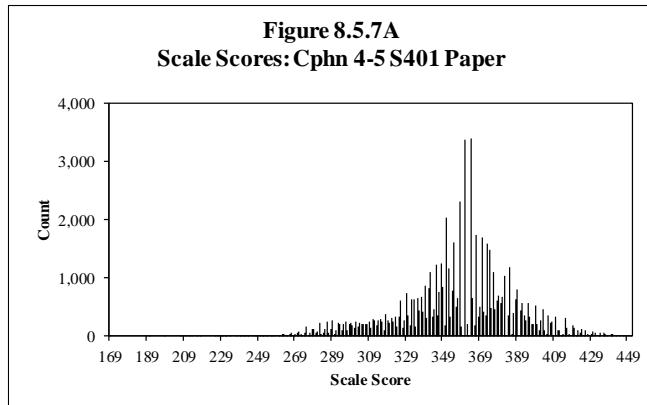
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.781	0.708		0.549
Conditional on Level	Level	Accuracy		Consistency
	1	0.810		0.783
	2	0.632		0.494
	3	0.862		0.799
	4	0.712		0.652
	5	-		0.222
	6	-		1.000
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.976	0.012	0.012
	2/3	0.949	0.028	0.023
	3/4	0.883	0.046	0.071
	4/5	0.960	0.040	0.000
	5/6	0.995	0.005	0.000
				1.000

**Table 8.5.6Eii**

Accuracy and Consistency of Classification Indices: Litr (Grade 5) S401 Paper

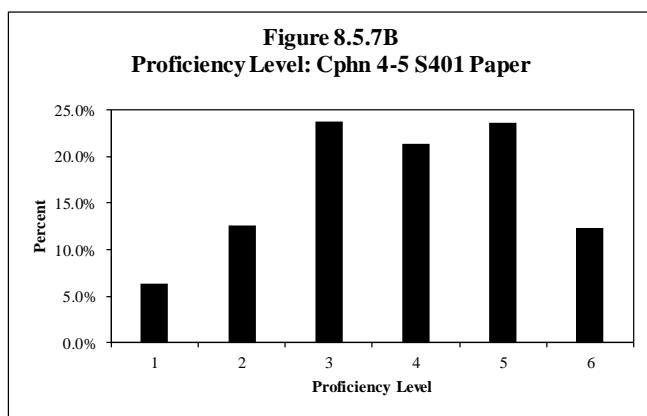
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.777	0.697	0.544		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.827	0.784		
	2	0.639	0.505		
	3	0.845	0.776		
	4	0.733	0.685		
	5	-	0.269		
	6	-	0.994		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.978	0.010	0.012	0.974
	2/3	0.953	0.025	0.022	0.936
	3/4	0.890	0.047	0.063	0.850
	4/5	0.946	0.054	0.000	0.935
	5/6	0.994	0.006	0.000	0.998

## 8.5.7 Comprehension Composite 4–5



**Table 8.5.7A**  
Scale Score Descriptive Statistics: Cphn 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,298	169	451	351.08	29.84
5	32,314	213	451	360.92	31.51
Total	66,612	169	451	355.85	31.05



**Table 8.5.7B**  
Proficiency Level Distribution: Cphn 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	2,000	5.8%	2,205	6.8%	4,205	6.3%
2	4,302	12.5%	4,101	12.7%	8,403	12.6%
3	8,340	24.3%	7,514	23.3%	15,854	23.8%
4	7,190	21.0%	7,018	21.7%	14,208	21.3%
5	8,503	24.8%	7,198	22.3%	15,701	23.6%
6	3,963	11.6%	4,278	13.2%	8,241	12.4%
Total	34,298	100.0%	32,314	100.0%	66,612	100.0%

**Table 8.5.7C**

n/a

**Figure 8.5.7C**

n/a

**Figure 8.5.7D**

n/a

**Table 8.5.7D**

Comprehension Composite Reliability: Cphn 4-5 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	1622.783	0.667
Reading	0.70	909.877	0.781
Comprehension		964.340	0.848

\*Variances from students who had results in all four domains

**Table 8.5.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade 4) S401 Paper

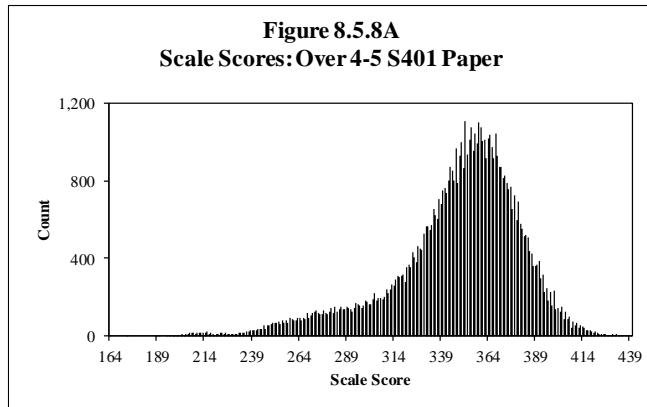
Overall Indices	Accuracy	Consistency		Kappa (k)
	0.582	0.468		0.340
Conditional on Level	Level	Accuracy		Consistency
	1	0.855		0.706
	2	0.596		0.461
	3	0.584		0.470
	4	0.449		0.357
	5	0.583		0.476
	6	0.714		0.531
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.971	0.006	0.962
	2/3	0.929	0.033	0.895
	3/4	0.866	0.072	0.815
	4/5	0.861	0.071	0.811
	5/6	0.927	0.045	0.892

**Table 8.5.7Eii**

Accuracy and Consistency of Classification Indices: Cphn (Grade 5) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.566	0.454	0.329		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.854	0.712		
	2	0.583	0.447		
	3	0.561	0.449		
	4	0.462	0.368		
	5	0.516	0.416		
	6	0.717	0.538		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.968	0.008	0.024	0.957
	2/3	0.927	0.035	0.038	0.892
	3/4	0.863	0.074	0.064	0.813
	4/5	0.859	0.063	0.078	0.807
	5/6	0.916	0.053	0.031	0.878

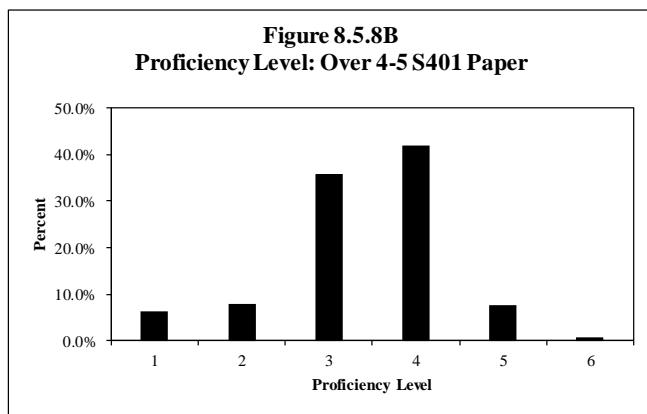
## 8.5.8 Overall Composite 4–5



**Table 8.5.8A**

Scale Score Descriptive Statistics: Over 4-5 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
4	34,286	164	440	342.31	33.76
5	32,305	188	440	352.23	34.66
Total	66,591	164	440	347.12	34.56



**Table 8.5.8B**

Proficiency Level Distribution: Over 4-5 S401 Paper

Level	Grade 4		Grade 5		Total	
	Count	Percent	Count	Percent	Count	Percent
1	2,116	6.2%	1,988	6.2%	4,104	6.2%
2	2,670	7.8%	2,493	7.7%	5,163	7.8%
3	12,928	37.7%	10,978	34.0%	23,906	35.9%
4	14,065	41.0%	13,806	42.7%	27,871	41.9%
5	2,243	6.5%	2,825	8.7%	5,068	7.6%
6	264	0.8%	215	0.7%	479	0.7%
Total	34,286	100.0%	32,305	100.0%	66,591	100.0%

**Table 8.5.8C**

n/a

**Figure 8.5.8C**

n/a

**Figure 8.5.8D**

n/a

**Table 8.5.8D**

Overall Composite Reliability: Over 4-5 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.15	1622.783	0.667
Reading	0.35	909.877	0.781
Speaking	0.15	4926.133	0.906
Writing	0.35	1445.912	0.894
Overall Composite		1194.079	0.945

\*Variances from students who had results in all four domains

**Table 8.5.8Ei**

Accuracy and Consistency of Classification Indices: Over (Grade 4) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.804	0.743		0.618
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.827		0.863
	2	0.697		0.578
	3	0.872		0.813
	4	0.769		0.747
	5	-		0.334
	6	-		1.000
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.980	0.011	0.009
	2/3	0.963	0.023	0.014
	3/4	0.915	0.038	0.047
	4/5	0.927	0.073	0.000
	5/6	0.992	0.008	0.000
				<b>Consistency</b>

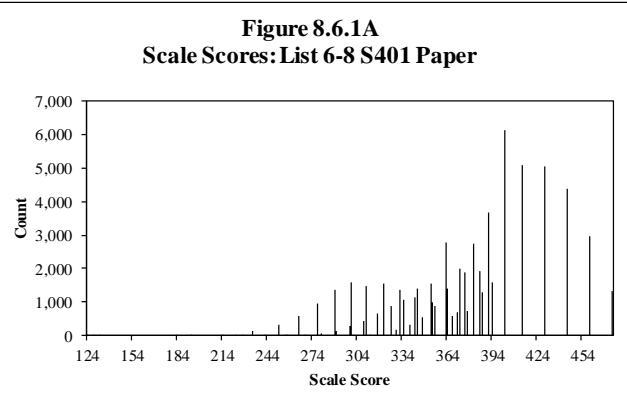
**Table 8.5.8Eii**

Accuracy and Consistency of Classification Indices: Over (Grade 5) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.787	0.725	0.596		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.844	0.862		
	2	0.699	0.584		
	3	0.865	0.799		
	4	0.747	0.737		
	5	-	0.367		
	6	-	0.998		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.981	0.010	0.009	0.981
	2/3	0.965	0.021	0.014	0.956
	3/4	0.921	0.034	0.044	0.895
	4/5	0.906	0.094	0.000	0.893
	5/6	0.993	0.007	0.000	0.998

## 8.6 Grades: 6–8

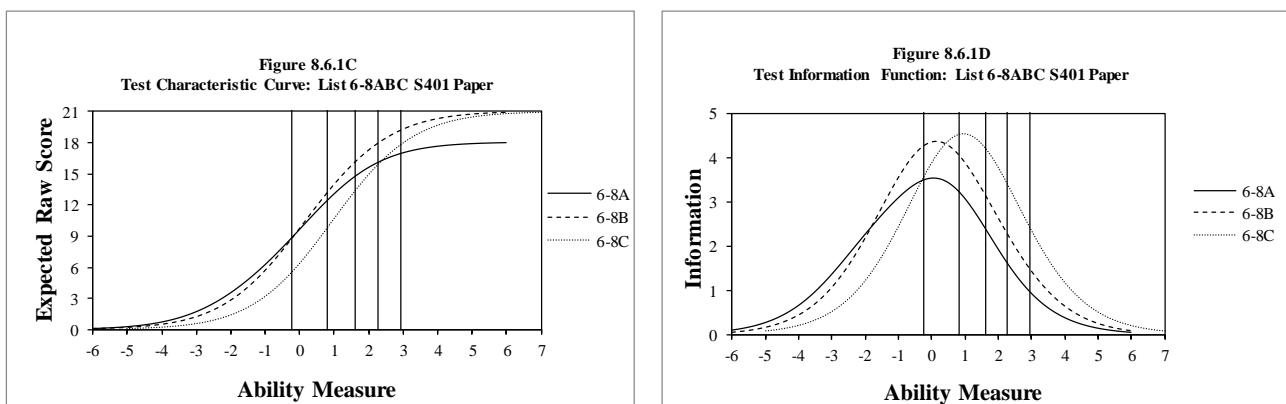
### 8.6.1 Listening 6–8



**Table 8.6.1C**

Conditional Standard Error of Measurement at Cut Scores: List 6-8 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	6	294	20.29	18.79	21.42
	7	302	19.91	18.41	20.29
	8	308	19.91	18.24	19.54
2/3	6	332	20.03	18.41	18.03
	7	340	20.29	18.41	17.66
	8	347	20.66	18.79	17.66
3/4	6	363	22.17	20.00	17.66
	7	370	23.29	20.66	18.03
	8	377	24.05	21.42	18.41
4/5	6	385	n/a	22.54	19.16
	7	394	n/a	23.67	19.91
	8	402	n/a	25.18	20.63
5/6	6	411	n/a	n/a	21.79
	7	420	n/a	n/a	23.29
	8	427	n/a	n/a	24.80

**Table 8.6.1D**

Weighted Reliability: List 6-8 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	14,480	0.734	0.661
B	16,617	0.682	
C	35,256	0.621	

**Table 8.6.1Ei**

Accuracy and Consistency of Classification Indices: List (Grade 6) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.437	0.351	0.198	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.726	0.406	
	2	0.388	0.267	
	3	0.317	0.239	
	4	0.370	0.299	
	5	0.380	0.309	
	6	0.730	0.547	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.953	0.006	0.042
	2/3	0.897	0.033	0.069
	3/4	0.824	0.099	0.076
	4/5	0.793	0.114	0.093
	5/6	0.846	0.104	0.050
				<b>Consistency</b>
				0.935
				0.846

**Table 8.6.1Eii**

Accuracy and Consistency of Classification Indices: List (Grade 7) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.419	0.337	0.192	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.708	0.418	
	2	0.364	0.266	
	3	0.301	0.232	
	4	0.345	0.278	
	5	0.389	0.309	
	6	0.710	0.517	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.930	0.009	0.060
	2/3	0.872	0.047	0.081
	3/4	0.813	0.105	0.082
	4/5	0.799	0.118	0.083
	5/6	0.862	0.091	0.047
				<b>Consistency</b>
				0.905
				0.815

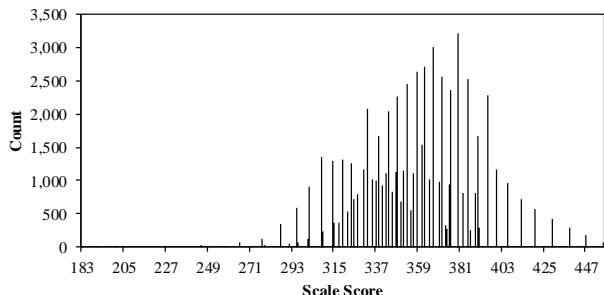
**Table 8.6.1Eiii**

Accuracy and Consistency of Classification Indices: List (Grade 8) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.435	0.358	0.215		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.612	0.365		
	2	0.421	0.327		
	3	0.301	0.231		
	4	0.247	0.189		
	5	0.388	0.306		
	6	0.762	0.604		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.922	0.015	0.063	0.891
	2/3	0.859	0.051	0.090	0.805
	3/4	0.839	0.084	0.077	0.770
	4/5	0.818	0.124	0.058	0.755
	5/6	0.845	0.106	0.049	0.790

## 8.6.2 Reading 6–8

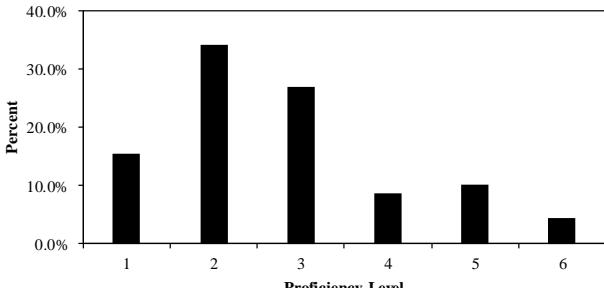
**Figure 8.6.2A**  
Scale Scores: Read 6–8 S401 Paper



**Table 8.6.2A**  
Scale Score Descriptive Statistics: Read 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,938	183	456	351.63	26.15
7	21,441	191	456	357.09	28.58
8	20,969	200	456	364.18	31.38
Total	66,348	183	456	357.36	29.13

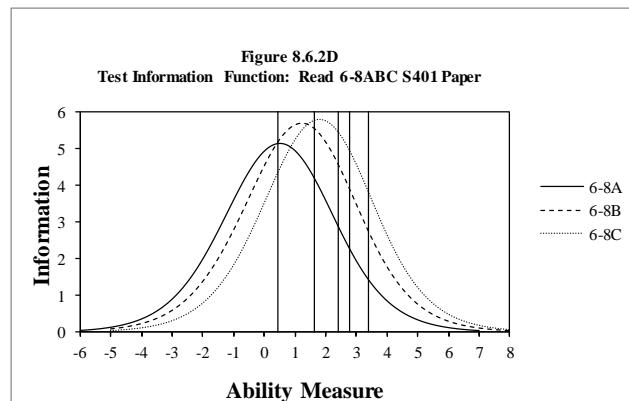
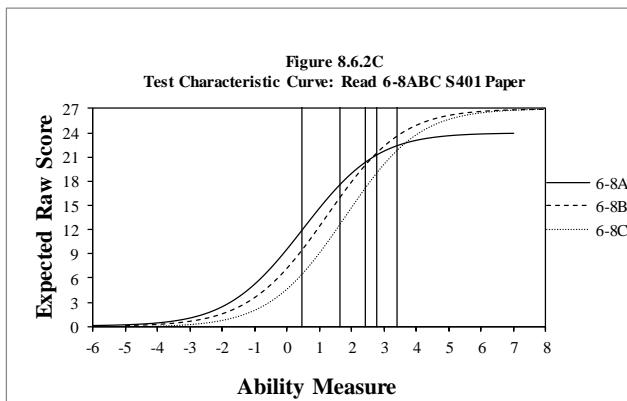
**Figure 8.6.2B**  
Proficiency Level: Read 6-8 S401 Paper



**Table 8.6.2C**

Conditional Standard Error of Measurement at Cut Scores: Read 6-8 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	6	323	11.70	12.22	13.78
	7	329	11.44	11.70	13.00
	8	335	11.45	11.44	12.48
2/3	6	353	11.96	10.92	11.13
	7	360	12.22	10.92	10.92
	8	366	12.74	10.92	10.92
3/4	6	373	13.52	11.44	10.66
	7	380	14.56	11.71	10.91
	8	386	15.60	12.22	11.18
4/5	6	382	n/a	11.96	10.92
	7	389	n/a	12.48	11.18
	8	395	n/a	13.26	11.61
5/6	6	399	n/a	n/a	11.96
	7	406	n/a	n/a	12.61
	8	412	n/a	n/a	13.26

**Table 8.6.2D**

Weighted Reliability: Read 6-8 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	14,477	0.777	0.787
B	16,616	0.808	
C	35,255	0.780	

**Table 8.6.2Ei**

Accuracy and Consistency of Classification Indices: Read (Grade 6) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.595	0.481	0.309	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.769	0.598	
	2	0.654	0.558	
	3	0.575	0.480	
	4	0.312	0.225	
	5	0.460	0.314	
	6	0.740	0.411	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.925	0.025	0.050
	2/3	0.844	0.083	0.073
	3/4	0.884	0.071	0.045
	4/5	0.927	0.048	0.025
	5/6	0.976	0.021	0.003
				Consistency
				0.892
				0.785

**Table 8.6.2Eii**

Accuracy and Consistency of Classification Indices: Read (Grade 7) S401 Paper

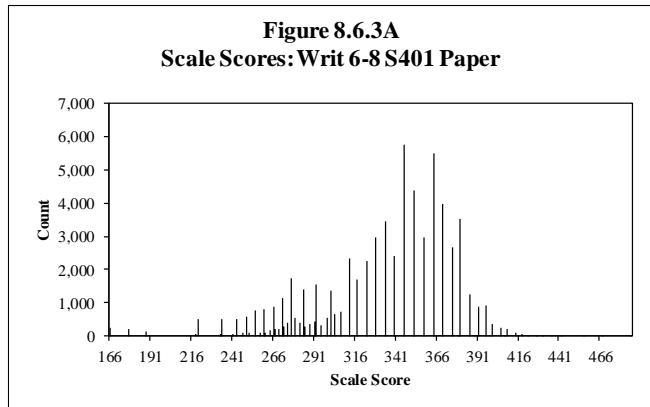
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.581	0.470	0.309	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.752	0.591	
	2	0.656	0.564	
	3	0.491	0.395	
	4	0.312	0.231	
	5	0.492	0.354	
	6	0.726	0.455	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.908	0.033	0.058
	2/3	0.854	0.077	0.069
	3/4	0.883	0.079	0.038
	4/5	0.916	0.056	0.027
	5/6	0.970	0.024	0.007
				Consistency
				0.870
				0.796

**Table 8.6.2Eii**

Accuracy and Consistency of Classification Indices: Read (Grade 8) S401 Paper

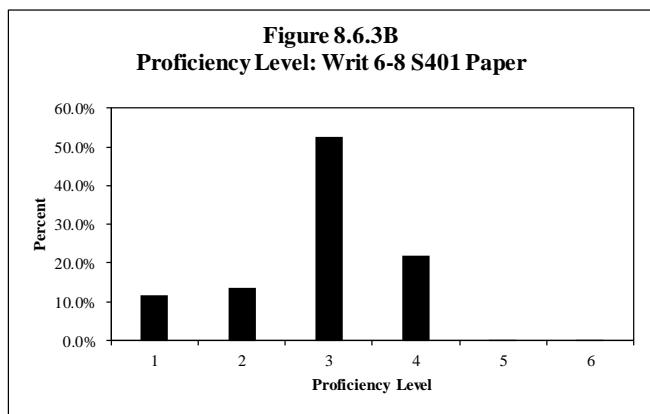
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.566	0.455	0.303		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.747	0.591		
	2	0.599	0.506		
	3	0.534	0.427		
	4	0.179	0.129		
	5	0.510	0.370		
	6	0.738	0.508		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.900	0.038	0.062	0.858
	2/3	0.846	0.087	0.067	0.789
	3/4	0.890	0.061	0.049	0.840
	4/5	0.908	0.065	0.027	0.870
	5/6	0.957	0.031	0.011	0.938

### 8.6.3 Writing 6–8



**Table 8.6.3A**  
Scale Score Descriptive Statistics: Writ 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,934	166	456	326.64	42.30
7	21,426	177	485	330.61	43.71
8	20,962	188	467	336.53	43.82
Total	66,322	166	485	331.05	43.43



**Table 8.6.3B**

Proficiency Level Distribution: Writ 6-8 S401 Paper

Level	Grade 6		Grade 7		Grade 8		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,276	9.5%	2,590	12.1%	2,992	14.3%	7,858	11.8%
2	3,455	14.4%	3,269	15.3%	2,277	10.9%	9,001	13.6%
3	12,582	52.6%	10,996	51.3%	11,200	53.4%	34,778	52.4%
4	5,601	23.4%	4,540	21.2%	4,463	21.3%	14,604	22.0%
5	19	0.1%	29	0.1%	28	0.1%	76	0.1%
6	1	0.0%	2	0.0%	2	0.0%	5	0.0%
Total	23,934	100.0%	21,426	100.0%	20,962	100.0%	66,322	100.0%

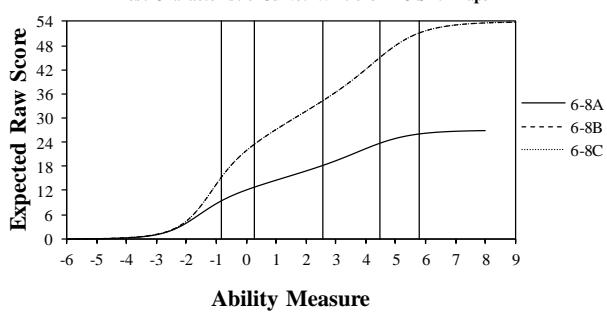
**Table 8.6.3C**

Conditional Standard Error of Measurement at Cut Scores: Writ 6-8 S401 Paper

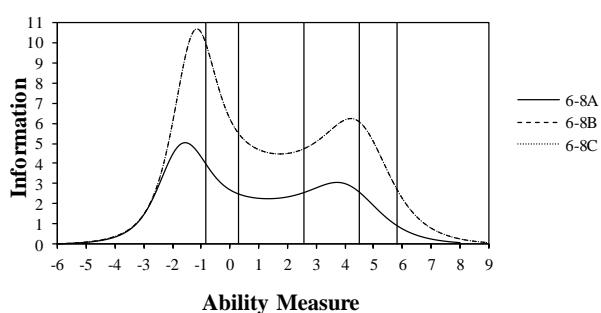
Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	6	268	12.35	8.32
	7	273	12.62	8.32
	8	281	13.69	8.59
2/3	6	298	15.84	10.20
	7	305	16.65	11.01
	8	311	16.92	11.55
3/4	6	361	17.45	12.62
	7	367	17.18	12.35
	8	372	16.92	12.35
4/5	6	413	15.57	10.74
	7	419	16.11	10.74
	8	424	16.92	11.01
5/6	6	441	20.68	12.35
	7	450	23.90	14.23
	8	459	27.93	16.38

**Figure 8.6.3C**

Test Characteristic Curve: Writ 6-8ABC S401 Paper

**Figure 8.6.3D**

Test Information Function: Writ 6-8ABC S400 Paper

**Table 8.6.3D**

Weighted Reliability: Writ 6-8 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	14,468	0.873	0.903
B/C	51,854	0.911	

**Table 8.6.3Ei**

Accuracy and Consistency of Classification Indices: Writ (Grade 6) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.765	0.681	0.497		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.836	0.739		
	2	0.704	0.582		
	3	0.797	0.730		
	4	0.696	0.594		
	5	-	-		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.968	0.016	0.016	0.954
	2/3	0.939	0.023	0.038	0.915
	3/4	0.858	0.072	0.070	0.809
	4/5	0.999	0.001	0.000	0.999
	5/6	1.000	0.000	0.000	1.000

**Table 8.6.3Eii**

Accuracy and Consistency of Classification Indices: Writ (Grade 7) S401 Paper

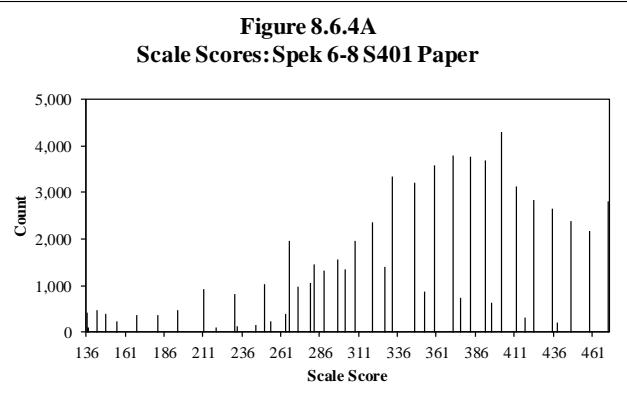
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.770	0.686	0.520		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.867	0.783		
	2	0.688	0.567		
	3	0.806	0.740		
	4	0.687	0.583		
	5	-	-		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.964	0.015	0.020	0.949
	2/3	0.936	0.025	0.038	0.911
	3/4	0.871	0.063	0.067	0.824
	4/5	0.999	0.001	0.000	0.999
	5/6	1.000	0.000	0.000	1.000

**Table 8.6.3Eiii**

Accuracy and Consistency of Classification Indices: Writ (Grade 8) S401 Paper

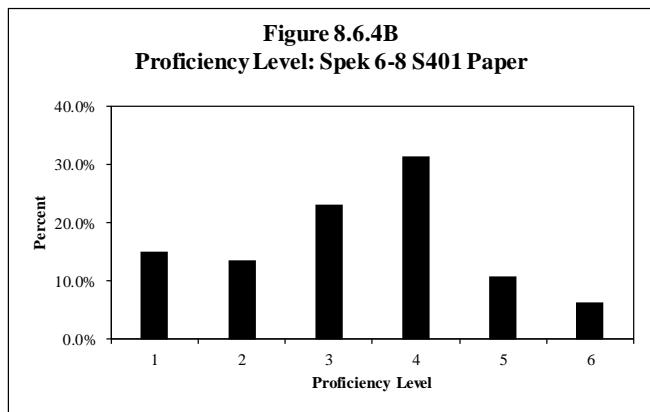
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.778	0.696	0.529		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.904	0.836		
	2	0.568	0.440		
	3	0.836	0.771		
	4	0.685	0.584		
	5	-	-		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.963	0.013	0.024	0.949
	2/3	0.943	0.028	0.029	0.917
	3/4	0.873	0.057	0.070	0.826
	4/5	0.999	0.001	0.000	0.999
	5/6	1.000	0.000	0.000	1.000

## 8.6.4 Speaking 6–8



**Table 8.6.4A**  
Scale Score Descriptive Statistics: Spek 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,940	136	471	351.12	72.44
7	21,445	142	471	352.99	74.59
8	20,966	148	471	358.61	76.08
Total	66,351	136	471	354.09	74.36



**Table 8.6.4B**

Proficiency Level Distribution: Spek 6-8 S401 Paper

Level	Grade 6		Grade 7		Grade 8		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,974	12.4%	3,181	14.8%	3,755	17.9%	9,910	14.9%
2	3,650	15.2%	2,794	13.0%	2,506	12.0%	8,950	13.5%
3	5,831	24.4%	4,742	22.1%	4,836	23.1%	15,409	23.2%
4	7,314	30.6%	7,543	35.2%	5,948	28.4%	20,805	31.4%
5	2,765	11.5%	1,614	7.5%	2,743	13.1%	7,122	10.7%
6	1,406	5.9%	1,571	7.3%	1,178	5.6%	4,155	6.3%
Total	23,940	100.0%	21,445	100.0%	20,966	100.0%	66,351	100.0%

**Table 8.6.4C**

Conditional Standard Error of Measurement at Cut Scores: Spek 6-8 S401 Paper

Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	6	268	21.64	15.79
	7	277	22.23	15.50
	8	284	22.81	15.79
2/3	6	310	26.62	18.13
	7	317	27.49	19.01
	8	323	28.08	19.60
3/4	6	360	26.03	19.01
	7	369	25.15	18.43
	8	377	24.57	17.84
4/5	6	417	25.74	17.84
	7	425	27.20	18.43
	8	433	28.96	19.60
5/6	6	451	35.10	23.11
	7	457	37.73	24.86
	8	463	40.95	26.62

Figure 8.6.4C

Test Characteristic Curve: Spek 6-8ABC S401 Paper

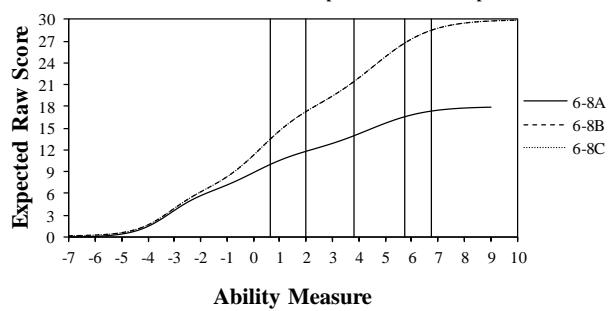
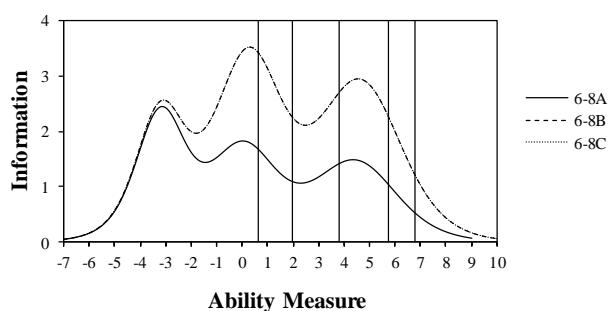


Figure 8.6.4D

Test Information Function: Spek 6-8ABC S401 Paper

**Table 8.6.4D**

Weighted Reliability: Spek 6-8 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	14,482	0.889	0.909
B/C	51,869	0.915	

**Table 8.6.4Ei**

Accuracy and Consistency of Classification Indices: Spek (Grade 6) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.633	0.529	0.405		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.804	0.698		
	2	0.599	0.475		
	3	0.643	0.535		
	4	0.686	0.572		
	5	0.433	0.369		
	6	-	0.328		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.953	0.025	0.022	0.931
	2/3	0.916	0.037	0.047	0.885
	3/4	0.904	0.039	0.058	0.865
	4/5	0.909	0.042	0.049	0.866
	5/6	0.941	0.059	0.000	0.936

**Table 8.6.4Eii**

Accuracy and Consistency of Classification Indices: Spek (Grade 7) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.628	0.528	0.399		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.833	0.740		
	2	0.548	0.425		
	3	0.606	0.494		
	4	0.743	0.633		
	5	0.294	0.243		
	6	-	0.403		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.950	0.025	0.025	0.928
	2/3	0.923	0.034	0.043	0.893
	3/4	0.900	0.049	0.051	0.861
	4/5	0.912	0.036	0.052	0.866
	5/6	0.927	0.073	0.000	0.924

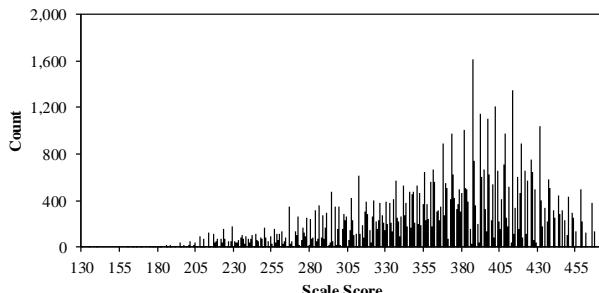
**Table 8.6.4Eiii**

Accuracy and Consistency of Classification Indices: Spek (Grade 8) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.639	0.538	0.420		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.857	0.774		
	2	0.494	0.379		
	3	0.642	0.530		
	4	0.657	0.546		
	5	0.483	0.412		
	6	-	0.293		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.945	0.025	0.030	0.921
	2/3	0.923	0.036	0.041	0.892
	3/4	0.908	0.041	0.051	0.870
	4/5	0.905	0.055	0.041	0.863
	5/6	0.944	0.056	0.000	0.936

## 8.6.5 Oral Language Composite 6–8

**Figure 8.6.5A**  
Scale Scores: Oral 6–8 S401 Paper



**Table 8.6.5D**

Oral Composite Reliability: Oral 6-8 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.50	2401.347	0.661
Speaking	0.50	5525.711	0.909
Oral		3179.188	0.897

\*Variances from students who had results in all four domains

**Table 8.6.5Ei**

Accuracy and Consistency of Classification Indices: Oral (Grade 6) S401 Paper

Overall Indices	Accuracy	Consistency		Kappa (k)
	0.641	0.529		0.405
Conditional on Level	Level	Accuracy		Consistency
	1	0.852		0.740
	2	0.577		0.446
	3	0.643		0.526
	4	0.688		0.584
	5	0.527		0.439
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.968	0.011	0.021
	2/3	0.939	0.028	0.032
	3/4	0.897	0.050	0.053
	4/5	0.899	0.047	0.054
	5/6	0.932	0.058	0.010
	Consistency			

**Table 8.6.5Eii**

Accuracy and Consistency of Classification Indices: Oral (Grade 7) S401 Paper

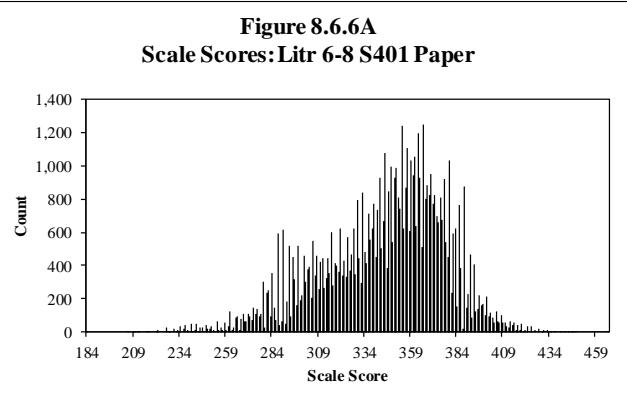
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.643	0.528	0.409	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.843	0.735	
	2	0.579	0.453	
	3	0.594	0.479	
	4	0.686	0.585	
	5	0.568	0.460	
	6	0.674	0.443	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.959	0.016	0.026
	2/3	0.930	0.030	0.039
	3/4	0.897	0.054	0.049
	4/5	0.903	0.050	0.047
	5/6	0.948	0.040	0.012
	<b>Cut Point</b>	<b>Consistency</b>		
		0.942	0.901	0.856
	0.863	0.928		

**Table 8.6.5Eiii**

Accuracy and Consistency of Classification Indices: Oral (Grade 8) S401 Paper

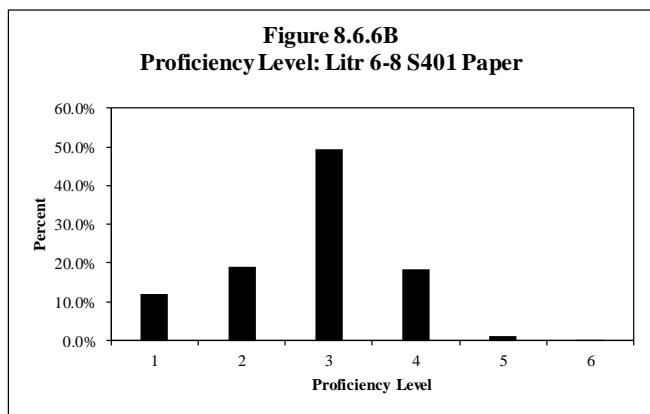
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.633	0.518	0.403	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.846	0.743	
	2	0.545	0.424	
	3	0.593	0.477	
	4	0.661	0.556	
	5	0.561	0.457	
	6	0.661	0.448	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.953	0.018	0.029
	2/3	0.929	0.032	0.039
	3/4	0.901	0.052	0.047
	4/5	0.902	0.053	0.045
	5/6	0.939	0.045	0.016
	<b>Cut Point</b>	<b>Consistency</b>		
		0.934	0.899	0.861
	0.862	0.915		

## 8.6.6 Literacy Composite 6–8



**Table 8.6.6A**  
Scale Score Descriptive Statistics: Litr 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,929	206	435	339.38	31.09
7	21,419	184	466	344.11	33.14
8	20,958	210	448	350.62	34.71
Total	66,306	184	466	344.46	33.25



**Table 8.6.6B**

Proficiency Level Distribution: Litr 6-8 S401 Paper

Level	Grade 6		Grade 7		Grade 8		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,460	10.3%	2,549	11.9%	2,954	14.1%	7,963	12.0%
2	4,525	18.9%	4,371	20.4%	3,753	17.9%	12,649	19.1%
3	12,528	52.4%	10,494	49.0%	9,680	46.2%	32,702	49.3%
4	4,223	17.6%	3,766	17.6%	4,206	20.1%	12,195	18.4%
5	184	0.8%	224	1.0%	357	1.7%	765	1.2%
6	9	0.0%	15	0.1%	8	0.0%	32	0.0%
Total	23,929	100.0%	21,419	100.0%	20,958	100.0%	66,306	100.0%

**Table 8.6.6C**

n/a

**Figure 8.6.6C**

n/a

**Figure 8.6.6D**

n/a

**Table 8.6.6D**

Literacy Composite Reliability: Litr 6-8 S401 Paper

Component	Weight	Variance	Reliability
Reading	0.50	848.591	0.787
Writing	0.50	1885.940	0.903
Literacy		1105.560	0.918

\*Variances from students who had results in all four domains

**Table 8.6.6E**

Accuracy and Consistency of Classification Indices: Litr (Grade 6) S401 Paper

Overall Indices	Accuracy	Consistency		Kappa (k)
	0.802	0.724		0.578
Conditional on Level	Level	Accuracy		Consistency
	1	0.870		0.789
	2	0.736		0.629
	3	0.846		0.794
	4	0.711		0.606
	5	-		0.114
	6	-		1.000
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
		0.969	0.013	
		0.932	0.032	
		0.909	0.045	
		0.992	0.008	
		1.000	0.000	1.000

**Table 8.6.6Eii**

Accuracy and Consistency of Classification Indices: Litr (Grade 7) S401 Paper

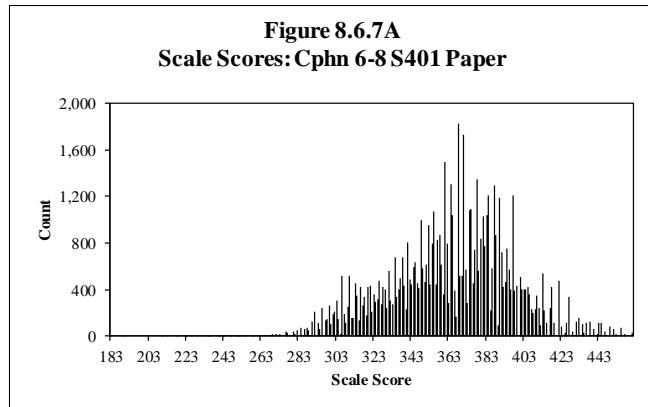
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.799	0.718	0.584		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.877	0.801		
	2	0.726	0.621		
	3	0.837	0.785		
	4	0.731	0.628		
	5	-	0.198		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.964	0.014	0.022	0.950
	2/3	0.926	0.036	0.038	0.896
	3/4	0.918	0.044	0.038	0.885
	4/5	0.989	0.011	0.000	0.986
	5/6	0.999	0.001	0.000	1.000

**Table 8.6.6Eiii**

Accuracy and Consistency of Classification Indices: Litr (Grade 8) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.787	0.703	0.576		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.891	0.820		
	2	0.674	0.561		
	3	0.833	0.774		
	4	0.728	0.638		
	5	-	0.257		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.960	0.014	0.026	0.945
	2/3	0.928	0.038	0.035	0.897
	3/4	0.915	0.043	0.042	0.880
	4/5	0.983	0.017	0.000	0.979
	5/6	1.000	0.000	0.000	1.000

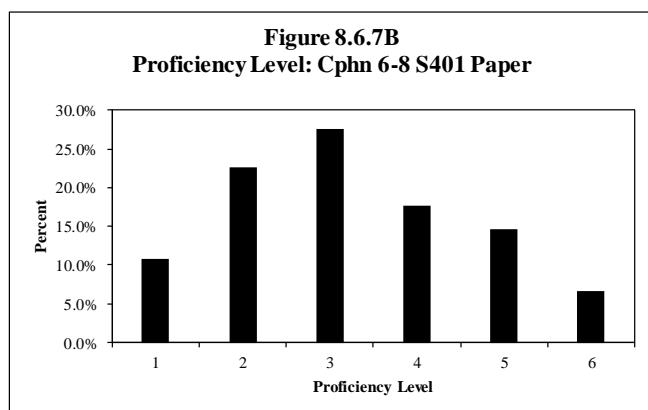
### **8.6.7 Comprehension Composite 6–8**



**Table 8.6.7A**

Scale Score Descriptive Statistics: Cphn 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,938	183	461	358.73	29.26
7	21,436	189	461	363.80	32.03
8	20,965	210	461	370.42	34.99
<b>Total</b>	66,339	183	461	364.06	32.41



**Table 8.6.7B**

## Proficiency Level Distribution: Cphn 6-8 S401 Paper

Level	Grade 6		Grade 7		Grade 8		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,005	8.4%	2,365	11.0%	2,739	13.1%	7,109	10.7%
2	5,286	22.1%	5,080	23.7%	4,646	22.2%	15,012	22.6%
3	7,444	31.1%	5,758	26.9%	5,131	24.5%	18,333	27.6%
4	4,328	18.1%	3,971	18.5%	3,400	16.2%	11,699	17.6%
5	3,600	15.0%	2,893	13.5%	3,244	15.5%	9,737	14.7%
6	1,275	5.3%	1,369	6.4%	1,805	8.6%	4,449	6.7%
Total	23,938	100.0%	21,436	100.0%	20,965	100.0%	66,339	100.0%

**Table 8.6.7C**

n/a

**Figure 8.6.7C**

n/a

**Figure 8.6.7D**

n/a

**Table 8.6.7D**

Comprehension Composite Reliability: Cphn 6-8 S401 Paper

Component	Weight	Variance	Reliability
Listening	0.30	2401.347	0.661
Reading	0.70	848.591	0.787
Comprehension		1050.592	0.846

\*Variances from students who had results in all four domains

**Table 8.6.7E**

Accuracy and Consistency of Classification Indices: Cphn (Grade 6) S401 Paper

Overall Indices	Accuracy	Consistency		Kappa (k)
	0.606	0.493		0.358
Conditional on Level	Level	Accuracy		Consistency
	1	0.829		0.673
	2	0.653		0.538
	3	0.619		0.520
	4	0.450		0.352
	5	0.563		0.432
	6	0.739		0.500
Indices at Cut Points	Cut Point	Accuracy		Consistency
		Accuracy	False Positives	
	1/2	0.958	0.011	0.942
	2/3	0.894	0.052	0.849
	3/4	0.867	0.074	0.818
	4/5	0.902	0.056	0.860
	5/6	0.963	0.027	0.947

**Table 8.6.7Eii**

Accuracy and Consistency of Classification Indices: Cphn (Grade 7) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.592	0.480	0.352	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.820	0.671	
	2	0.639	0.528	
	3	0.560	0.461	
	4	0.471	0.370	
	5	0.521	0.393	
	6	0.757	0.538	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.945	0.016	0.039
	2/3	0.889	0.055	0.056
	3/4	0.869	0.079	0.052
	4/5	0.904	0.055	0.041
	5/6	0.960	0.028	0.011
	<b>Cut Point</b>	<b>Consistency</b>		
		0.924	0.842	0.823
	0.864	0.941		

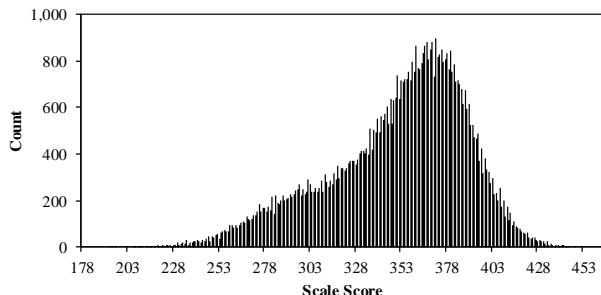
**Table 8.6.7Eiii**

Accuracy and Consistency of Classification Indices: Cphn (Grade 8) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.578	0.469	0.349	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.823	0.683	
	2	0.600	0.489	
	3	0.536	0.434	
	4	0.415	0.322	
	5	0.531	0.409	
	6	0.768	0.573	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.937	0.019	0.044
	2/3	0.889	0.056	0.055
	3/4	0.872	0.074	0.054
	4/5	0.896	0.060	0.043
	5/6	0.950	0.035	0.016
	<b>Cut Point</b>	<b>Consistency</b>		
		0.914	0.842	0.825
	0.855	0.927		

## 8.6.8 Overall Composite 6–8

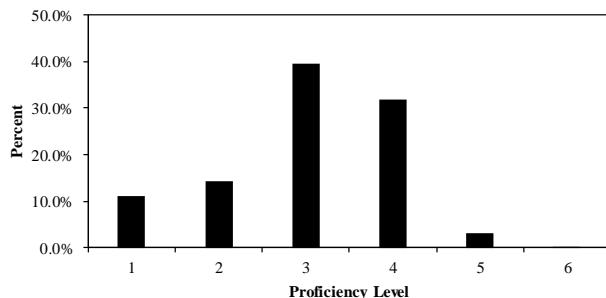
**Figure 8.6.8A**  
Scale Scores: Over 6-8 S401 Paper



**Table 8.6.8A**  
Scale Score Descriptive Statistics: Over 6-8 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
6	23,924	194	443	346.38	35.50
7	21,410	178	464	350.56	37.99
8	20,947	207	452	356.83	39.93
Total	66,281	178	464	351.03	37.99

**Figure 8.6.8B**  
Proficiency Level: Over 6-8 S401 Paper



**Table 8.6.8B**

Proficiency Level Distribution: Over 6-8 S401 Paper

Level	Grade 6		Grade 7		Grade 8		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,169	9.1%	2,484	11.6%	2,706	12.9%	7,359	11.1%
2	3,280	13.7%	3,194	14.9%	3,026	14.4%	9,500	14.3%
3	10,040	42.0%	8,502	39.7%	7,631	36.4%	26,173	39.5%
4	7,774	32.5%	6,567	30.7%	6,712	32.0%	21,053	31.8%
5	625	2.6%	629	2.9%	838	4.0%	2,092	3.2%
6	36	0.2%	34	0.2%	34	0.2%	104	0.2%
Total	23,924	100.0%	21,410	100.0%	20,947	100.0%	66,281	100.0%

**Table 8.6.8C**

n/a

**Figure 8.6.8C**

n/a

**Figure 8.6.8D**

n/a

**Table 8.6.8D**

Overall Composite Reliability: Over 6-8 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.15	2401.347	0.661
Reading	0.35	848.591	0.787
Speaking	0.15	5525.711	0.909
Writing	0.35	1885.940	0.903
Overall Composite		1443.427	0.949

\*Variances from students who had results in all four domains

**Table 8.6.8Ei**

Accuracy and Consistency of Classification Indices: Over (Grade 6) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.830	0.766		0.662
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.895		0.851
	2	0.752		0.653
	3	0.862		0.806
	4	0.807		0.763
	5	-		0.253
	6	-		1.000
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.978	0.009	0.013
	2/3	0.954	0.024	0.022
	3/4	0.921	0.036	0.043
	4/5	0.972	0.028	0.000
	5/6	0.999	0.002	0.000
				1.000

**Table 8.6.8Eii**

Accuracy and Consistency of Classification Indices: Over (Grade 7) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.819	0.750	0.649	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.902	0.857	
	2	0.737	0.638	
	3	0.847	0.788	
	4	0.797	0.755	
	5	-	0.311	
	6	-	1.000	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.973	0.011	0.016
	2/3	0.950	0.026	0.024
	3/4	0.923	0.037	0.039
	4/5	0.969	0.031	0.000
	5/6	0.998	0.002	0.000
				1.000

**Table 8.6.8Eiii**

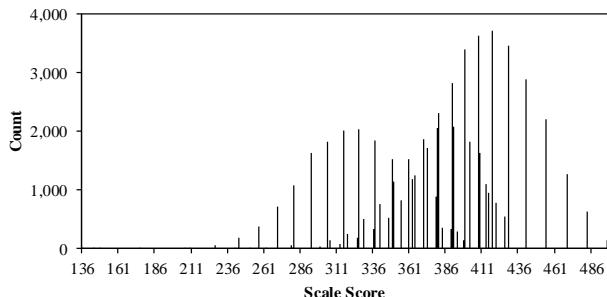
Accuracy and Consistency of Classification Indices: Over (Grade 8) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.807	0.735	0.635	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.904	0.860	
	2	0.719	0.614	
	3	0.833	0.768	
	4	0.781	0.749	
	5	2.200	0.346	
	6	-	1.000	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.970	0.012	0.018
	2/3	0.950	0.026	0.024
	3/4	0.924	0.038	0.039
	4/5	0.956	0.042	0.002
	5/6	0.998	0.002	0.000
				1.000

## 8.7 Grades: 9–12

### 8.7.1 Listening 9–12

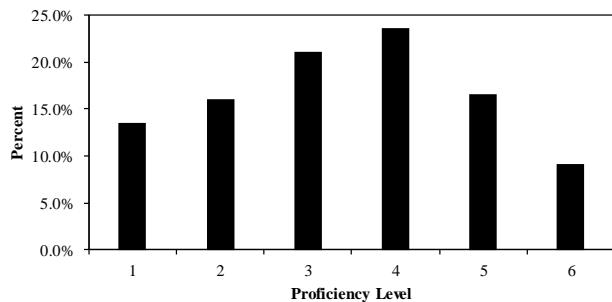
**Figure 8.7.1A**  
Scale Scores: List 9-12 S401 Paper



**Table 8.7.1A**  
Scale Score Descriptive Statistics: List 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,491	136	497	375.02	51.44
10	18,210	175	497	380.92	47.85
11	14,660	144	497	384.22	46.36
12	9,741	148	497	390.45	42.06
Total	65,102	136	497	381.05	48.28

**Figure 8.7.1B**  
Proficiency Level: List 9-12 S401 Paper



**Table 8.7.1B**

Proficiency Level Distribution: List 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	3,036	13.5%	2,344	12.9%	2,139	14.6%	1,305	13.4%	8,824	13.6%
2	4,032	17.9%	2,801	15.4%	2,287	15.6%	1,296	13.3%	10,416	16.0%
3	4,250	18.9%	3,623	19.9%	3,524	24.0%	2,322	23.8%	13,719	21.1%
4	4,908	21.8%	4,548	25.0%	3,443	23.5%	2,491	25.6%	15,390	23.6%
5	4,051	18.0%	2,901	15.9%	2,212	15.1%	1,632	16.8%	10,796	16.6%
6	2,214	9.8%	1,993	10.9%	1,055	7.2%	695	7.1%	5,957	9.2%
Total	22,491	100.0%	18,210	100.0%	14,660	100.0%	9,741	100.0%	65,102	100.0%

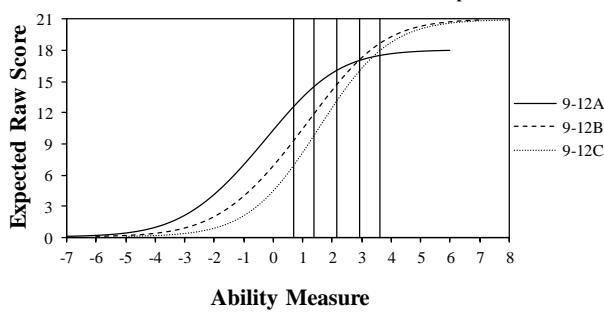
**Table 8.7.1C**

Conditional Standard Error of Measurement at Cut Scores: List 9-12 S401 Paper

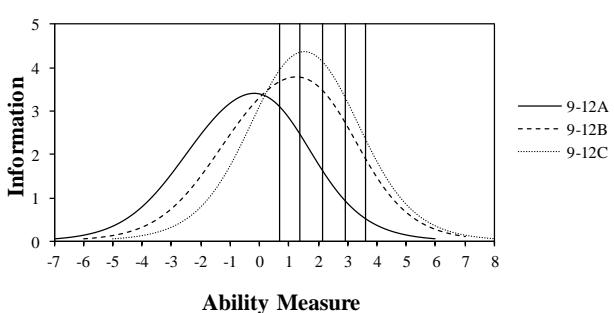
Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	9	314	20.29	21.04	22.17
	10	325	20.66	20.29	20.60
	11	335	21.04	19.91	19.54
	12	342	21.42	19.91	19.16
2/3	9	353	22.17	19.54	18.41
	10	358	22.92	19.54	18.41
	11	364	23.29	19.54	18.20
	12	368	24.05	19.54	18.03
3/4	9	383	26.30	19.54	18.03
	10	389	27.43	19.91	18.03
	11	394	28.55	19.91	18.41
	12	398	29.68	20.29	18.41
4/5	9	409	n/a	21.04	19.16
	10	415	n/a	21.42	19.54
	11	420	n/a	22.17	19.91
	12	426	n/a	22.75	20.29
5/6	9	434	n/a	n/a	21.04
	10	441	n/a	n/a	22.10
	11	447	n/a	n/a	22.92
	12	452	n/a	n/a	24.05

**Figure 8.7.1C**

Test Characteristic Curve: List 9-12ABC S401 Paper

**Figure 8.7.1D**

Test Information Function: List 9-12ABC S401 Paper

**Table 8.7.1D**

Weighted Reliability: List 9-12 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	16,436	0.660	0.657
B	17,255	0.667	
C	31,411	0.649	

**Table 8.7.1Ei**

Accuracy and Consistency of Classification Indices: List (Grade 9) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.404	0.315	0.171	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.715	0.513	
	2	0.414	0.311	
	3	0.328	0.253	
	4	0.355	0.289	
	5	0.378	0.300	
	6	0.482	0.269	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.907	0.028	0.065
	2/3	0.845	0.064	0.091
	3/4	0.807	0.101	0.092
	4/5	0.808	0.111	0.080
	5/6	0.901	0.085	0.014
		Consistency		
		0.868		
		0.781		
		0.735		
		0.744		
		0.846		

**Table 8.7.1Eii**

Accuracy and Consistency of Classification Indices: List (Grade 10) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.406	0.319	0.173	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.739	0.513	
	2	0.376	0.274	
	3	0.337	0.266	
	4	0.400	0.328	
	5	0.343	0.266	
	6	0.640	0.347	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.912	0.022	0.065
	2/3	0.849	0.058	0.092
	3/4	0.797	0.118	0.085
	4/5	0.818	0.115	0.066
	5/6	0.900	0.088	0.012
		Consistency		
		0.874		
		0.784		
		0.725		
		0.753		
		0.859		

**Table 8.7.1Eiii**

Accuracy and Consistency of Classification Indices: List (Grade 11) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.424	0.330	0.179	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.722	0.505	
	2	0.347	0.259	
	3	0.386	0.313	
	4	0.395	0.320	
	5	0.399	0.288	
	6	0.639	0.313	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.900	0.029	0.071
	2/3	0.834	0.070	0.096
	3/4	0.794	0.114	0.092
	4/5	0.846	0.101	0.053
	5/6	0.935	0.056	0.009
		Consistency		

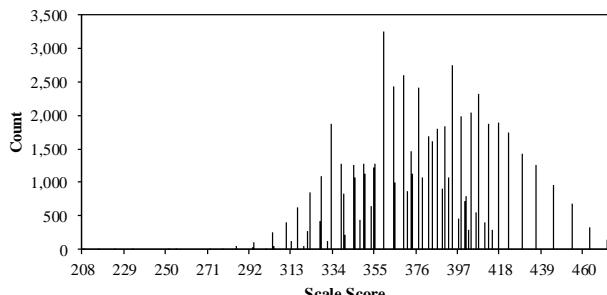
**Table 8.7.1Eiv**

Accuracy and Consistency of Classification Indices: List (Grade 12) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.440	0.344	0.189	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.743	0.522	
	2	0.333	0.244	
	3	0.407	0.325	
	4	0.424	0.348	
	5	0.436	0.328	
	6	0.666	0.323	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.909	0.023	0.068
	2/3	0.854	0.057	0.089
	3/4	0.806	0.107	0.087
	4/5	0.841	0.115	0.044
	5/6	0.934	0.061	0.005
		Consistency		

## 8.7.2 Reading 9–12

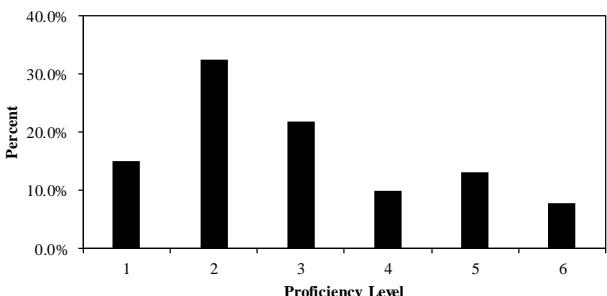
**Figure 8.7.2A**  
Scale Scores: Read 9–12 S401 Paper



**Table 8.7.2A**  
Scale Score Descriptive Statistics: Read 9–12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,488	208	472	373.52	33.00
10	18,210	216	472	378.14	32.21
11	14,660	224	472	382.91	32.13
12	9,745	233	472	386.22	30.33
Total	65,103	208	472	378.83	32.53

**Figure 8.7.2B**  
Proficiency Level: Read 9–12 S401 Paper



**Table 8.7.2B**

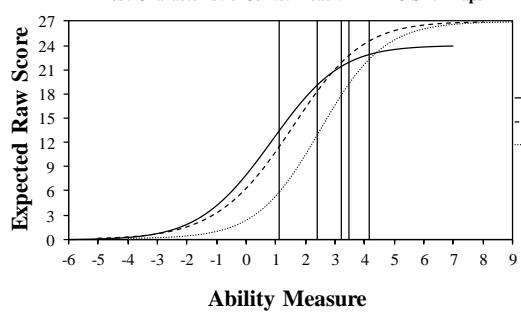
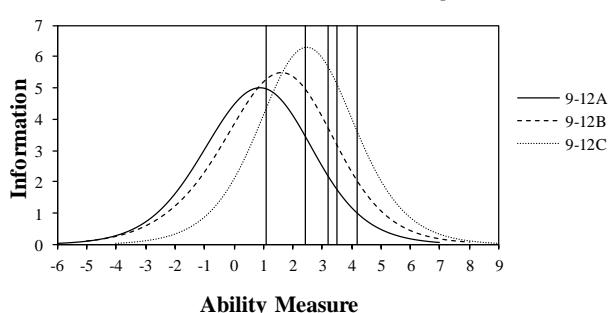
Proficiency Level Distribution: Read 9–12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	4,004	17.8%	2,507	13.8%	2,035	13.9%	1,229	12.6%	9,775	15.0%
2	6,733	29.9%	5,984	32.9%	4,884	33.3%	3,501	35.9%	21,102	32.4%
3	4,515	20.1%	4,132	22.7%	3,311	22.6%	2,243	23.0%	14,201	21.8%
4	2,389	10.6%	1,771	9.7%	1,346	9.2%	910	9.3%	6,416	9.9%
5	3,089	13.7%	2,533	13.9%	1,744	11.9%	1,218	12.5%	8,584	13.2%
6	1,758	7.8%	1,283	7.0%	1,340	9.1%	644	6.6%	5,025	7.7%
Total	22,488	100.0%	18,210	100.0%	14,660	100.0%	9,745	100.0%	65,103	100.0%

**Table 8.7.2C**

Conditional Standard Error of Measurement at Cut Scores: Read 9-12 S401 Paper

Proficiency Level	Grade	Cut Score	SEM		
			Tier A	Tier B	Tier C
1/2	9	340	11.70	11.96	14.33
	10	344	11.58	11.70	13.52
	11	348	11.70	11.44	13.00
	12	352	11.70	11.44	12.48
2/3	9	372	12.74	11.18	10.66
	10	377	13.01	11.18	10.52
	11	382	13.52	11.44	10.42
	12	386	14.04	11.70	10.37
3/4	9	392	14.88	11.96	10.40
	10	397	15.86	12.48	10.40
	11	402	16.90	13.00	10.66
	12	407	17.94	13.59	10.96
4/5	9	401	n/a	13.00	10.66
	10	406	n/a	13.52	10.92
	11	410	n/a	14.04	11.18
	12	414	n/a	14.56	11.44
5/6	9	418	n/a	n/a	11.96
	10	423	n/a	n/a	12.48
	11	427	n/a	n/a	13.00
	12	432	n/a	n/a	13.78

**Figure 8.7.2C**  
Test Characteristic Curve: Read 9-12ABC S401 Paper**Figure 8.7.2D**  
Test Information Function: Read 9-12ABC S401 Paper**Table 8.7.2D**

Weighted Reliability: Read 9-12 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	16,434	0.797	0.806
B	17,257	0.800	
C	31,412	0.814	

**Table 8.7.2Ei**

Accuracy and Consistency of Classification Indices: Read (Grade 9) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.554	0.449	0.312	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.770	0.622	
	2	0.605	0.506	
	3	0.436	0.343	
	4	0.292	0.222	
	5	0.493	0.372	
	6	0.715	0.515	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.900	0.033	0.066
	2/3	0.868	0.070	0.062
	3/4	0.873	0.083	0.043
	4/5	0.894	0.066	0.040
	5/6	0.951	0.030	0.019
	Consistency			

**Table 8.7.2Eii**

Accuracy and Consistency of Classification Indices: Read (Grade 10) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.563	0.453	0.305	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.702	0.532	
	2	0.638	0.544	
	3	0.478	0.379	
	4	0.272	0.204	
	5	0.524	0.391	
	6	0.707	0.506	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.909	0.035	0.056
	2/3	0.861	0.078	0.062
	3/4	0.877	0.078	0.046
	4/5	0.898	0.065	0.037
	5/6	0.955	0.026	0.018
	Consistency			

**Table 8.7.2Eiii**

Accuracy and Consistency of Classification Indices: Read (Grade 11) S401 Paper

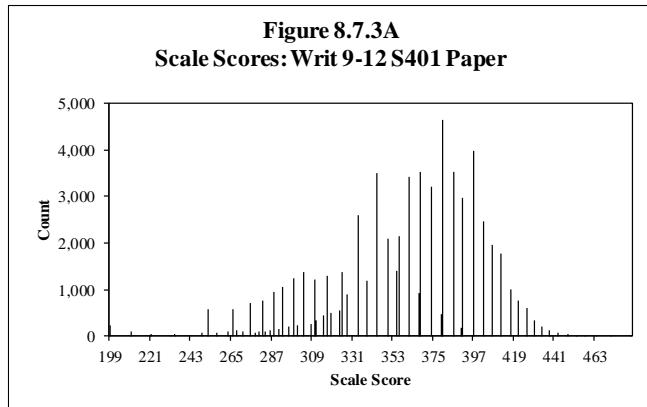
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.570	0.462	0.316	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.711	0.542	
	2	0.643	0.551	
	3	0.484	0.385	
	4	0.268	0.198	
	5	0.452	0.333	
	6	0.782	0.593	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.910	0.033	0.057
	2/3	0.862	0.077	0.061
	3/4	0.880	0.075	0.045
	4/5	0.904	0.057	0.039
	5/6	0.950	0.034	0.016
	<b>Cut Point</b>	<b>Consistency</b>		
		0.873	0.807	0.836
	4/5	0.865	0.926	

**Table 8.7.2Eiv**

Accuracy and Consistency of Classification Indices: Read (Grade 12) S401 Paper

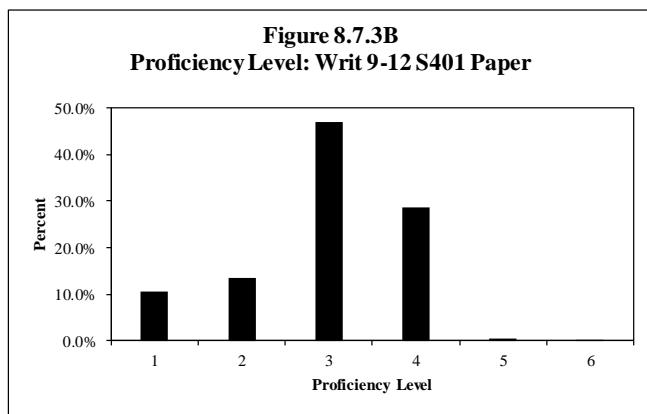
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.591	0.479	0.326	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.669	0.494	
	2	0.672	0.587	
	3	0.503	0.401	
	4	0.299	0.221	
	5	0.532	0.400	
	6	0.781	0.586	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.909	0.034	0.057
	2/3	0.867	0.074	0.060
	3/4	0.889	0.075	0.036
	4/5	0.913	0.052	0.035
	5/6	0.964	0.025	0.012
	<b>Cut Point</b>	<b>Consistency</b>		
		0.872	0.812	0.850
	4/5	0.878	0.946	

### 8.7.3 Writing 9–12



**Table 8.7.3A**  
Scale Score Descriptive Statistics: Writ 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,486	199	472	351.11	44.65
10	18,203	210	472	356.41	41.32
11	14,658	221	483	362.32	39.77
12	9,739	232	472	368.25	36.64
Total	65,086	199	483	357.68	41.95



**Table 8.7.3B**

Proficiency Level Distribution: Writ 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,479	11.0%	1,738	9.5%	1,580	10.8%	1,110	11.4%	6,907	10.6%
2	3,038	13.5%	2,637	14.5%	2,156	14.7%	910	9.3%	8,741	13.4%
3	9,359	41.6%	8,512	46.8%	6,801	46.4%	5,849	60.1%	30,521	46.9%
4	7,416	33.0%	5,246	28.8%	4,067	27.7%	1,850	19.0%	18,579	28.5%
5	192	0.9%	70	0.4%	54	0.4%	20	0.2%	336	0.5%
6	2	0.0%	0	0.0%	0	0.0%	0	0.0%	2	0.0%
Total	22,486	100.0%	18,203	100.0%	14,658	100.0%	9,739	100.0%	65,086	100.0%

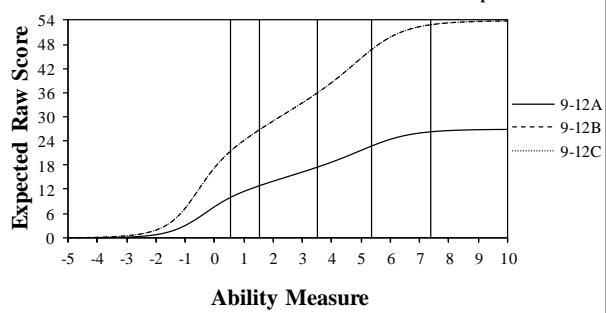
**Table 8.7.3C**

Conditional Standard Error of Measurement at Cut Scores: Writ 9-12 S401 Paper

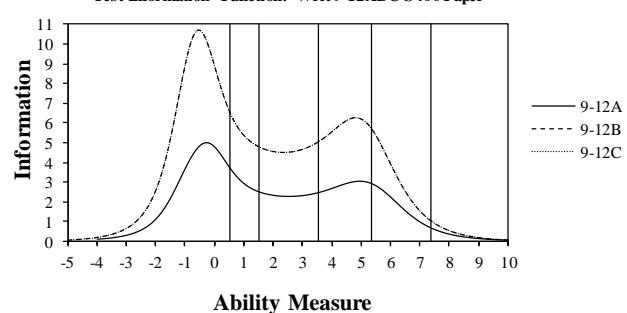
Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	9	289	12.35	8.32
	10	298	12.08	8.59
	11	308	12.89	9.53
	12	318	14.23	10.74
2/3	9	319	14.23	10.77
	10	326	15.31	11.28
	11	335	16.38	11.81
	12	344	17.02	12.32
3/4	9	378	17.72	12.62
	10	385	17.72	12.35
	11	391	17.45	12.22
	12	398	17.18	12.08
4/5	9	430	15.47	10.74
	10	436	15.31	10.74
	11	441	15.57	11.01
	12	447	15.84	11.28
5/6	9	469	19.33	14.77
	10	479	22.29	17.45
	11	490	27.12	21.48
	12	501	33.03	26.42

**Figure 8.7.3C**

Test Characteristic Curve: Writ 9-12ABC S401 Paper

**Figure 8.7.3D**

Test Information Function: Writ 9-12ABC S400 Paper

**Table 8.7.3D**

Weighted Reliability: Writ 9-12 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	16,430	0.850	0.898
B/C	48,656	0.914	

**Table 8.7.3Ei**

Accuracy and Consistency of Classification Indices: Writ (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.780	0.697	0.557		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.851	0.754		
	2	0.641	0.517		
	3	0.781	0.701		
	4	0.810	0.746		
	5	-	0.065		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.963	0.015	0.022	0.947
	2/3	0.937	0.025	0.039	0.911
	3/4	0.889	0.055	0.056	0.843
	4/5	0.991	0.009	0.000	0.989
	5/6	1.000	0.000	0.000	1.000

**Table 8.7.3Eii**

Accuracy and Consistency of Classification Indices: Writ (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.786	0.704	0.556		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.827	0.716		
	2	0.660	0.535		
	3	0.800	0.734		
	4	0.809	0.732		
	5	-	0.065		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.964	0.016	0.020	0.948
	2/3	0.932	0.026	0.042	0.906
	3/4	0.893	0.056	0.051	0.850
	4/5	0.996	0.004	0.000	0.995
	5/6	N/A	N/A	N/A	N/A

**Table 8.7.3Eiii**

Accuracy and Consistency of Classification Indices: Writ (Grade 11) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.784	0.701	0.555		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.842	0.739		
	2	0.655	0.532		
	3	0.798	0.731		
	4	0.802	0.723		
	5	-	0.076		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.962	0.016	0.022	0.945
	2/3	0.932	0.026	0.041	0.905
	3/4	0.892	0.057	0.051	0.849
	4/5	0.996	0.004	0.000	0.996
	5/6	N/A	N/A	N/A	N/A

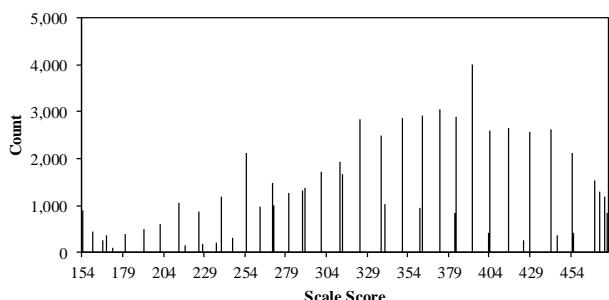
**Table 8.7.3Eiv**

Accuracy and Consistency of Classification Indices: Writ (Grade 12) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.796	0.716	0.529		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.897	0.819		
	2	0.521	0.391		
	3	0.872	0.824		
	4	0.684	0.573		
	5	-	0.949		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.967	0.010	0.023	0.954
	2/3	0.942	0.032	0.026	0.915
	3/4	0.888	0.049	0.064	0.843
	4/5	0.998	0.002	0.000	0.998
	5/6	N/A	N/A	N/A	N/A

## 8.7.4 Speaking 9–12

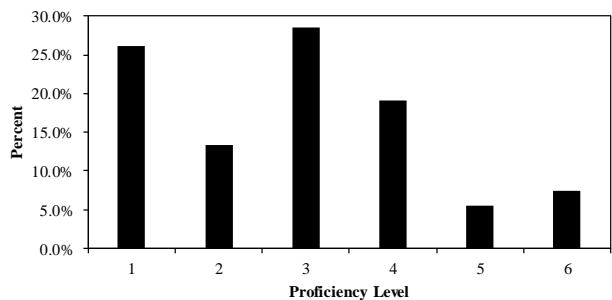
**Figure 8.7.4A**  
Scale Scores: Spek 9-12 S401 Paper



**Table 8.7.4A**  
Scale Score Descriptive Statistics: Spek 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,491	154	468	341.64	84.90
10	18,214	160	471	346.15	79.82
11	14,663	166	474	352.32	76.59
12	9,742	172	476	364.56	69.54
Total	65,110	154	476	348.73	79.85

**Figure 8.7.4B**  
Proficiency Level: Spek 9-12 S401 Paper



**Table 8.7.4B**

Proficiency Level Distribution: Spek 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	6,246	27.8%	5,102	28.0%	3,598	24.5%	2,023	20.8%	16,969	26.1%
2	2,910	12.9%	2,263	12.4%	1,940	13.2%	1,623	16.7%	8,736	13.4%
3	5,654	25.1%	4,649	25.5%	4,849	33.1%	3,416	35.1%	18,568	28.5%
4	4,280	19.0%	4,205	23.1%	2,526	17.2%	1,422	14.6%	12,433	19.1%
5	1,871	8.3%	701	3.8%	573	3.9%	414	4.2%	3,559	5.5%
6	1,530	6.8%	1,294	7.1%	1,177	8.0%	844	8.7%	4,845	7.4%
Total	22,491	100.0%	18,214	100.0%	14,663	100.0%	9,742	100.0%	65,110	100.0%

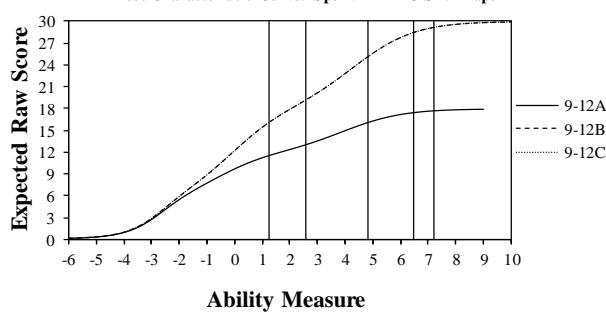
**Table 8.7.4C**

Conditional Standard Error of Measurement at Cut Scores: Spek 9-12 S401 Paper

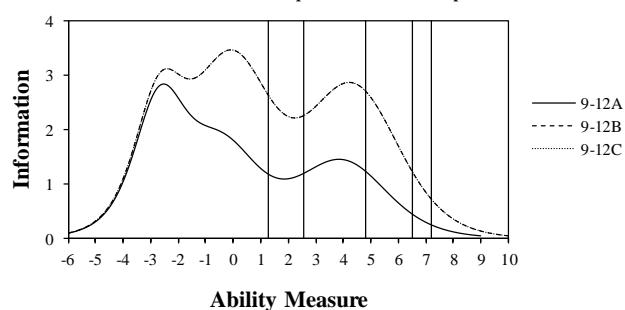
Proficiency Level	Grade	Cut Score	SEM	
			Tier A	Tier B/C
1/2	9	290	25.15	16.96
	10	295	26.03	17.55
	11	299	26.62	17.84
	12	302	26.91	18.13
2/3	9	328	27.79	19.60
	10	333	27.20	19.60
	11	337	26.91	19.60
	12	340	26.62	19.30
3/4	9	385	24.28	17.26
	10	393	24.86	17.26
	11	400	25.74	17.55
	12	406	26.32	17.84
4/5	9	440	36.27	22.52
	10	446	38.90	23.98
	11	451	41.82	25.15
	12	455	43.87	26.62
5/6	9	468	52.94	31.29
	10	471	55.57	32.46
	11	474	57.91	33.93
	12	476	59.67	35.10

**Figure 8.7.4C**

Test Characteristic Curve: Spek 9-12ABC S401 Paper

**Figure 8.7.4D**

Test Information Function: Spek 9-12ABC S401 Paper

**Table 8.7.4D**

Weighted Reliability: Spek 9-12 S401 Paper

Tiers	No. of Students	Reliability	Weighted Reliability
A	16,438	0.900	0.927
B/C	48,672	0.937	

**Table 8.7.4Ei**

Accuracy and Consistency of Classification Indices: Spek (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.653	0.566	0.453	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.883	0.822	
	2	0.478	0.369	
	3	0.698	0.593	
	4	0.577	0.463	
	5	0.377	0.338	
	6	-	0.410	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.934	0.032	0.033
	2/3	0.916	0.042	0.042
	3/4	0.923	0.029	0.048
	4/5	0.923	0.055	0.022
	5/6	0.932	0.068	0.000
	<b>Cut Point</b>	<b>Consistency</b>		
		0.906	0.884	0.890
	4/5	0.892	0.931	

**Table 8.7.4Eii**

Accuracy and Consistency of Classification Indices: Spek (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.682	0.598	0.489	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.895	0.837	
	2	0.477	0.365	
	3	0.695	0.593	
	4	0.747	0.630	
	5	0.227	0.198	
	6	-	0.685	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.935	0.029	0.037
	2/3	0.924	0.039	0.037
	3/4	0.921	0.042	0.038
	4/5	0.961	0.021	0.018
	5/6	0.929	0.071	0.000
	<b>Cut Point</b>	<b>Consistency</b>		
		0.907	0.892	0.889
	4/5	0.935	0.934	

**Table 8.7.4Eiii**

Accuracy and Consistency of Classification Indices: Spek (Grade 11) S401 Paper

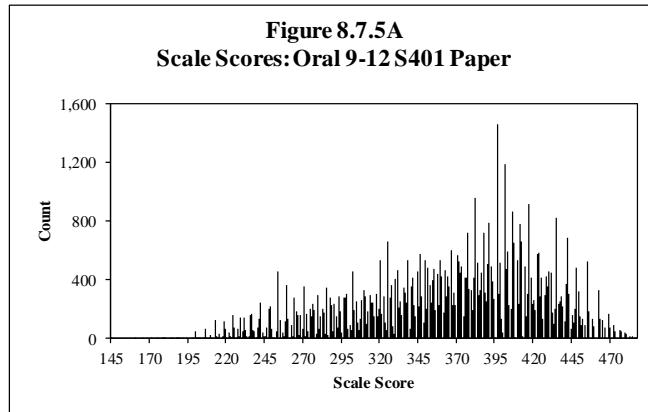
Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.679	0.603	0.494	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.881	0.812	
	2	0.483	0.370	
	3	0.776	0.692	
	4	0.681	0.554	
	5	0.225	0.214	
	6	-	0.796	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.937	0.029	0.034
	2/3	0.916	0.046	0.038
	3/4	0.926	0.032	0.042
	4/5	0.970	0.019	0.012
	5/6	0.920	0.080	0.000
				0.933

**Table 8.7.4Eiv**

Accuracy and Consistency of Classification Indices: Spek (Grade 12) S401 Paper

Overall Indices	Accuracy	Consistency	Kappa (k)	
	0.682	0.610	0.503	
Conditional on Level	Level	Accuracy	Consistency	
	1	0.851	0.773	
	2	0.574	0.456	
	3	0.799	0.722	
	4	0.667	0.540	
	5	0.237	0.237	
	6	-	0.823	
Indices at Cut Points	Cut Point	Accuracy		
		Accuracy	False Positives	False Negatives
	1/2	0.936	0.031	0.033
	2/3	0.916	0.041	0.043
	3/4	0.937	0.025	0.038
	4/5	0.973	0.018	0.009
	5/6	0.913	0.087	0.000
				0.928

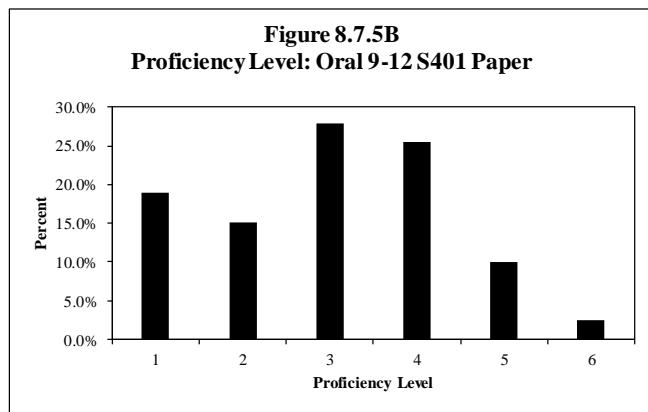
## 8.7.5 Oral Language Composite 9–12



**Table 8.7.5A**

Scale Score Descriptive Statistics: Oral 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,483	145	483	358.58	63.41
10	18,209	183	484	363.76	58.56
11	14,657	171	486	368.52	55.94
12	9,737	160	487	377.75	49.55
Total	65,086	145	487	365.13	58.84



**Table 8.7.5B**

Proficiency Level Distribution: Oral 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	4,744	21.1%	3,558	19.5%	2,706	18.5%	1,371	14.1%	12,379	19.0%
2	3,050	13.6%	2,806	15.4%	2,430	16.6%	1,514	15.5%	9,800	15.1%
3	5,271	23.4%	4,934	27.1%	4,430	30.2%	3,503	36.0%	18,138	27.9%
4	6,106	27.2%	4,641	25.5%	3,488	23.8%	2,357	24.2%	16,592	25.5%
5	2,664	11.8%	1,774	9.7%	1,270	8.7%	813	8.3%	6,521	10.0%
6	648	2.9%	496	2.7%	333	2.3%	179	1.8%	1,656	2.5%
Total	22,483	100.0%	18,209	100.0%	14,657	100.0%	9,737	100.0%	65,086	100.0%

**Table 8.7.5C**

n/a

**Figure 8.7.5C**

n/a

**Figure 8.7.5D**

n/a

**Table 8.7.5D**

Oral Composite Reliability: Oral 9-12 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.50	2329.153	0.657
Speaking	0.50	6375.280	0.927
Oral		3460.810	0.909

\*Variances from students who had results in all four domains

**Table 8.7.5Ei**

Accuracy and Consistency of Classification Indices: Oral (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.663	0.556		0.442
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.884		0.817
	2	0.533		0.413
	3	0.647		0.530
	4	0.657		0.552
	5	0.522		0.422
	6	-		0.189
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	
	1/2	0.944	0.023	0.920
	2/3	0.926	0.039	0.894
	3/4	0.905	0.046	0.867
	4/5	0.909	0.048	0.873
	5/6	0.971	0.029	0.958

**Table 8.7.5Eii**

Accuracy and Consistency of Classification Indices: Oral (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.676	0.570	0.457	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.871	0.792	
	2	0.559	0.440	
	3	0.671	0.565	
	4	0.677	0.573	
	5	0.534	0.427	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.942	0.024	0.035
	2/3	0.919	0.039	0.042
	3/4	0.904	0.050	0.046
	4/5	0.933	0.040	0.027
	5/6	0.973	0.027	0.000
				<b>Consistency</b>
				0.918
				0.885
				0.866
				0.904
				0.964

**Table 8.7.5Eiii**

Accuracy and Consistency of Classification Indices: Oral (Grade 11) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.691	0.585	0.470	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.855	0.768	
	2	0.573	0.455	
	3	0.698	0.600	
	4	0.685	0.580	
	5	0.584	0.456	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.940	0.025	0.034
	2/3	0.914	0.041	0.045
	3/4	0.907	0.050	0.044
	4/5	0.946	0.034	0.020
	5/6	0.980	0.018	0.002
				<b>Consistency</b>
				0.915
				0.879
				0.869
				0.922
				0.973

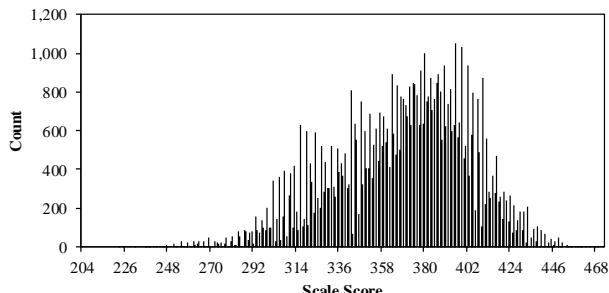
**Table 8.7.5Eiv**

Accuracy and Consistency of Classification Indices: Oral (Grade 12) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.719	0.616	0.497		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.846	0.747		
	2	0.585	0.464		
	3	0.756	0.674		
	4	0.704	0.605		
	5	0.654	0.518		
	6	0.728	0.443		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.950	0.020	0.030	0.929
	2/3	0.919	0.038	0.043	0.885
	3/4	0.910	0.047	0.043	0.873
	4/5	0.953	0.033	0.014	0.934
	5/6	0.986	0.012	0.002	0.980

## 8.7.6 Literacy Composite 9–12

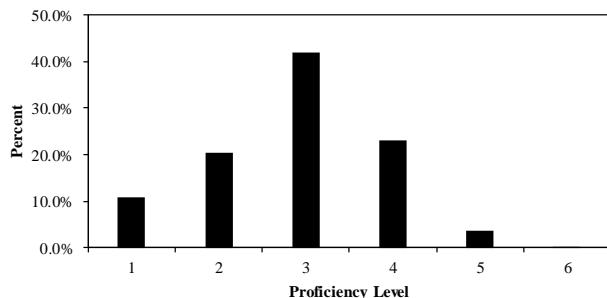
**Figure 8.7.6A**  
Scale Scores:Litr 9-12 S401 Paper



**Table 8.7.6A**  
Scale Score Descriptive Statistics: Litr 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,477	204	472	362.58	36.06
10	18,200	231	468	367.53	33.80
11	14,653	223	469	372.88	32.78
12	9,738	248	465	377.49	30.01
Total	65,068	204	472	368.51	34.27

**Figure 8.7.6B**  
Proficiency Level: Litr 9-12 S401 Paper



**Table 8.7.6B**

Proficiency Level Distribution: Litr 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	2,669	11.9%	1,883	10.3%	1,490	10.2%	915	9.4%	6,957	10.7%
2	4,323	19.2%	3,695	20.3%	3,158	21.6%	2,062	21.2%	13,238	20.3%
3	8,529	37.9%	7,700	42.3%	6,272	42.8%	4,812	49.4%	27,313	42.0%
4	5,937	26.4%	4,219	23.2%	3,178	21.7%	1,715	17.6%	15,049	23.1%
5	970	4.3%	688	3.8%	548	3.7%	234	2.4%	2,440	3.7%
6	49	0.2%	15	0.1%	7	0.0%	0	0.0%	71	0.1%
Total	22,477	100.0%	18,200	100.0%	14,653	100.0%	9,738	100.0%	65,068	100.0%

**Table 8.7.6C**

n/a

**Figure 8.7.6C**

n/a

**Figure 8.7.6D**

n/a

**Table 8.7.6D**

Literacy Composite Reliability: Litr 9-12 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Reading	0.50	1057.967	0.806
Writing	0.50	1759.854	0.898
Literacy		1174.139	0.918

\*Variances from students who had results in all four domains

**Table 8.7.6Ei**

Accuracy and Consistency of Classification Indices: Litr (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.769	0.676		0.559
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.864		0.774
	2	0.708		0.602
	3	0.783		0.709
	4	0.771		0.688
	5	0.625		0.432
	6	-		0.630
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.960	0.015	0.025
	2/3	0.929	0.033	0.038
	3/4	0.914	0.047	0.039
	4/5	0.967	0.023	0.010
	5/6	0.998	0.002	0.000
	<b>Consistency</b>			
	0.945	0.900	0.880	0.952
	0.998			

**Table 8.7.6Eii**

Accuracy and Consistency of Classification Indices: Litr (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.781	0.692	0.570	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.856	0.759	
	2	0.721	0.617	
	3	0.807	0.744	
	4	0.763	0.672	
	5	0.702	0.492	
	6	-	0.935	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.963	0.013	0.023
	2/3	0.925	0.035	0.039
	3/4	0.918	0.045	0.037
	4/5	0.973	0.019	0.008
	5/6	0.999	0.001	0.000
	<b>Cut Point</b>	<b>Consistency</b>		
		0.949	0.895	0.885
	4/5	0.962	0.999	

**Table 8.7.6Eiii**

Accuracy and Consistency of Classification Indices: Litr (Grade 11) S401 Paper

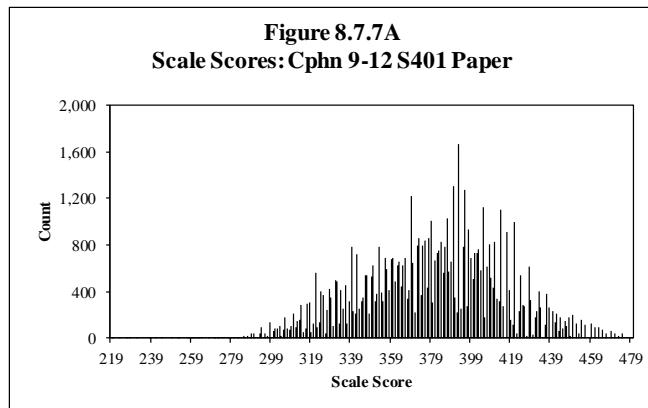
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.784	0.697	0.576	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.850	0.750	
	2	0.729	0.628	
	3	0.809	0.747	
	4	0.767	0.673	
	5	0.756	0.555	
	6	-	0.974	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.963	0.014	0.023
	2/3	0.922	0.037	0.041
	3/4	0.922	0.044	0.034
	4/5	0.976	0.017	0.007
	5/6	1.000	0.000	0.000
	<b>Cut Point</b>	<b>Consistency</b>		
		0.948	0.891	0.891
	4/5	0.967	1.000	

**Table 8.7.6Eiv**

Accuracy and Consistency of Classification Indices: Litr (Grade 12) S401 Paper

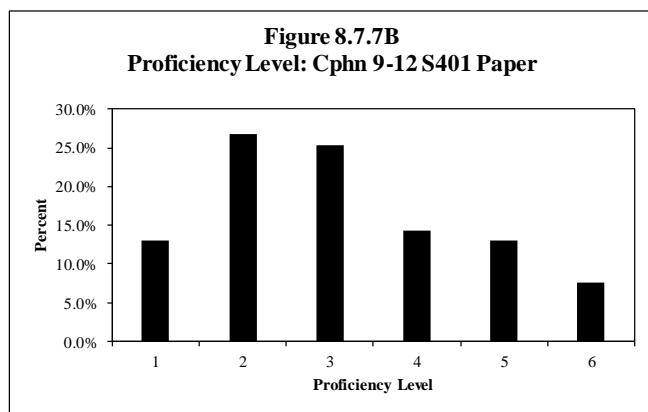
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.799	0.719	0.584		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.857	0.756		
	2	0.733	0.631		
	3	0.848	0.798		
	4	0.722	0.628		
	5	0.777	0.502		
	6	N/A	N/A		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.967	0.012	0.021	0.953
	2/3	0.924	0.038	0.038	0.892
	3/4	0.928	0.037	0.035	0.897
	4/5	0.980	0.018	0.002	0.976
	5/6	N/A	N/A	N/A	N/A

## 8.7.7 Comprehension Composite 9–12



**Table 8.7.7A**  
Scale Score Descriptive Statistics: Cphn 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,484	223	480	374.03	36.14
10	18,208	249	480	379.05	34.40
11	14,657	219	475	383.37	33.65
12	9,740	220	480	387.57	30.99
Total	65,089	219	480	379.56	34.71



**Table 8.7.7B**  
Proficiency Level Distribution: Cphn 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	3,276	14.6%	2,292	12.6%	1,900	13.0%	1,040	10.7%	8,508	13.1%
2	5,494	24.4%	4,915	27.0%	4,163	28.4%	2,889	29.7%	17,461	26.8%
3	5,256	23.4%	4,709	25.9%	3,807	26.0%	2,699	27.7%	16,471	25.3%
4	3,311	14.7%	2,659	14.6%	1,851	12.6%	1,462	15.0%	9,283	14.3%
5	3,304	14.7%	2,174	11.9%	1,847	12.6%	1,133	11.6%	8,458	13.0%
6	1,843	8.2%	1,459	8.0%	1,089	7.4%	517	5.3%	4,908	7.5%
Total	22,484	100.0%	18,208	100.0%	14,657	100.0%	9,740	100.0%	65,089	100.0%

**Table 8.7.7C**  
n/a

**Figure 8.7.7C**  
n/a

**Figure 8.7.7D**  
n/a

**Table 8.7.7D**

Comprehension Composite Reliability: Cphn 9-12 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.30	2329.153	0.657
Reading	0.70	1057.967	0.806
Comprehension		1203.924	0.857

\*Variances from students who had results in all four domains

**Table 8.7.7Ei**

Accuracy and Consistency of Classification Indices: Cphn (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.591	0.484		0.365
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.827		0.697
	2	0.630		0.522
	3	0.536		0.431
	4	0.403		0.311
	5	0.534		0.412
	6	0.753		0.566
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.934	0.021	0.045
	2/3	0.891	0.055	0.054
	3/4	0.881	0.069	0.050
	4/5	0.902	0.058	0.040
	5/6	0.952	0.031	0.017
	<b>Consistency</b>			
	1/2	0.934	0.021	0.045
	2/3	0.891	0.055	0.054
	3/4	0.881	0.069	0.050
	4/5	0.902	0.058	0.040
	5/6	0.952	0.031	0.017
	0.908			
	1/2	0.934	0.021	0.045
	2/3	0.891	0.055	0.054
	3/4	0.881	0.069	0.050
	4/5	0.902	0.058	0.040
	5/6	0.952	0.031	0.017
	0.929			

**Table 8.7.7Eii**

Accuracy and Consistency of Classification Indices: Cphn (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.602	0.492	0.366	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.796	0.647	
	2	0.660	0.555	
	3	0.565	0.462	
	4	0.423	0.323	
	5	0.493	0.370	
	6	0.790	0.605	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.937	0.022	0.042
	2/3	0.884	0.057	0.059
	3/4	0.884	0.067	0.049
	4/5	0.914	0.050	0.036
	5/6	0.956	0.031	0.013
	<b>Cut Point</b>	<b>Consistency</b>		
		0.911	0.838	0.840
	0.877	0.937		

**Table 8.7.7Eiii**

Accuracy and Consistency of Classification Indices: Cphn (Grade 11) S401 Paper

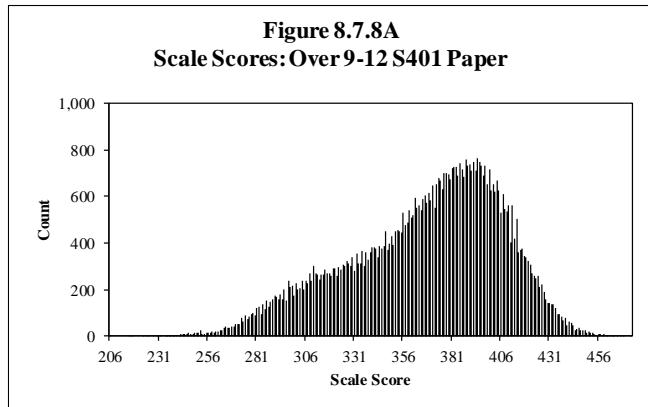
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>	
	0.612	0.501	0.375	
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>	
	1	0.774	0.625	
	2	0.659	0.560	
	3	0.581	0.475	
	4	0.398	0.299	
	5	0.550	0.419	
	6	0.806	0.631	
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>		
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>
	1/2	0.931	0.025	0.044
	2/3	0.882	0.061	0.057
	3/4	0.894	0.060	0.046
	4/5	0.921	0.047	0.032
	5/6	0.961	0.028	0.011
	<b>Cut Point</b>	<b>Consistency</b>		
		0.903	0.835	0.852
	0.887	0.945		

**Table 8.7.7Eiv**

Accuracy and Consistency of Classification Indices: Cphn (Grade 12) S401 Paper

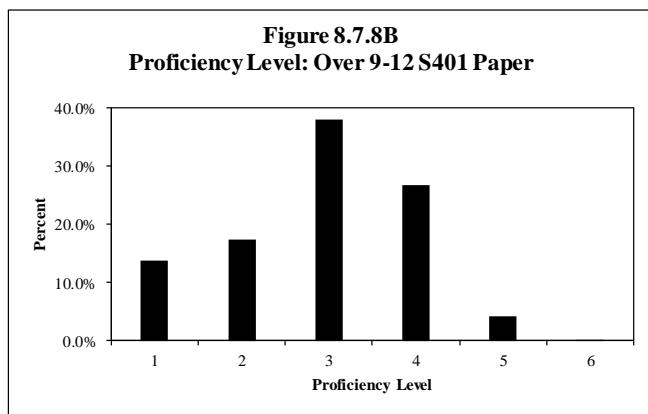
<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.627	0.514	0.381		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.762	0.602		
	2	0.694	0.595		
	3	0.596	0.493		
	4	0.469	0.358		
	5	0.569	0.434		
	6	0.803	0.605		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.941	0.022	0.037	0.916
	2/3	0.882	0.058	0.060	0.835
	3/4	0.892	0.063	0.045	0.850
	4/5	0.927	0.043	0.029	0.896
	5/6	0.970	0.023	0.007	0.957

## 8.7.8 Overall Composite 9–12



**Table 8.7.8A**  
Scale Score Descriptive Statistics: Over 9-12 S401 Paper

Grade	No. of Students	Min.	Max.	Mean	Std. Dev.
9	22,466	206	473	361.16	42.24
10	18,198	225	466	366.19	39.02
11	14,649	216	469	371.35	37.37
12	9,730	235	468	377.37	32.99
Total	65,043	206	473	367.29	39.39



**Table 8.7.8B**

Proficiency Level Distribution: Over 9-12 S401 Paper

Level	Grade 9		Grade 10		Grade 11		Grade 12		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1	3,517	15.7%	2,527	13.9%	1,892	12.9%	951	9.8%	8,887	13.7%
2	3,541	15.8%	3,203	17.6%	2,708	18.5%	1,893	19.5%	11,345	17.4%
3	7,517	33.5%	6,834	37.6%	5,942	40.6%	4,444	45.7%	24,737	38.0%
4	6,667	29.7%	4,872	26.8%	3,564	24.3%	2,239	23.0%	17,342	26.7%
5	1,176	5.2%	743	4.1%	534	3.6%	202	2.1%	2,655	4.1%
6	48	0.2%	19	0.1%	9	0.1%	1	0.0%	77	0.1%
Total	22,466	100.0%	18,198	100.0%	14,649	100.0%	9,730	100.0%	65,043	100.0%

**Table 8.7.8C**

n/a

**Figure 8.7.8C**

n/a

**Figure 8.7.8D**

n/a

**Table 8.7.8D**

Overall Composite Reliability: Over 9-12 S401 Paper

<b>Component</b>	<b>Weight</b>	<b>Variance</b>	<b>Reliability</b>
Listening	0.15	2329.153	0.657
Reading	0.35	1057.967	0.806
Speaking	0.15	6375.280	0.927
Writing	0.35	1759.854	0.898
Overall Composite		1551.732	0.951

\*Variances from students who had results in all four domains

**Table 8.7.8Ei**

Accuracy and Consistency of Classification Indices: Over (Grade 9) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>		<b>Kappa (k)</b>
	0.800	0.722		0.629
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>		<b>Consistency</b>
	1	0.914		0.863
	2	0.724		0.622
	3	0.823		0.754
	4	0.788		0.730
	5	0.575		0.404
<b>Indices at Cut Points</b>		<b>Accuracy</b>		
		<b>Cut Point</b>	<b>Accuracy</b>	
	1/2	0.967	0.013	0.953
	2/3	0.950	0.026	0.929
	3/4	0.931	0.034	0.902
	4/5	0.954	0.032	0.938
	5/6	0.998	0.002	0.998

**Table 8.7.8Eii**

Accuracy and Consistency of Classification Indices: Over (Grade 10) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.816	0.742	0.651		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.898	0.845		
	2	0.744	0.648		
	3	0.838	0.779		
	4	0.805	0.744		
	5	0.699	0.484		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.966	0.014	0.020	0.954
	2/3	0.945	0.028	0.027	0.924
	3/4	0.933	0.035	0.032	0.907
	4/5	0.968	0.023	0.009	0.958
	5/6	0.999	0.001	0.000	1.000
	<b>Consistency</b>				

**Table 8.7.8Eiii**

Accuracy and Consistency of Classification Indices: Over (Grade 11) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.824	0.752	0.659		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.891	0.831		
	2	0.751	0.657		
	3	0.848	0.794		
	4	0.814	0.746		
	5	0.747	0.560		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.967	0.013	0.019	0.955
	2/3	0.943	0.029	0.028	0.920
	3/4	0.935	0.034	0.030	0.910
	4/5	0.976	0.017	0.007	0.968
	5/6	0.999	0.001	0.000	1.000
	<b>Consistency</b>				

**Table 8.7.8Eiv**

Accuracy and Consistency of Classification Indices: Over (Grade 12) S401 Paper

<b>Overall Indices</b>	<b>Accuracy</b>	<b>Consistency</b>	<b>Kappa (k)</b>		
	0.838	0.775	0.675		
<b>Conditional on Level</b>	<b>Level</b>	<b>Accuracy</b>	<b>Consistency</b>		
	1	0.886	0.816		
	2	0.786	0.700		
	3	0.869	0.823		
	4	0.807	0.748		
	5	0.765	0.492		
	6	-	1.000		
<b>Indices at Cut Points</b>	<b>Cut Point</b>	<b>Accuracy</b>			<b>Consistency</b>
		<b>Accuracy</b>	<b>False Positives</b>	<b>False Negatives</b>	
	1/2	0.974	0.011	0.015	0.964
	2/3	0.944	0.027	0.028	0.921
	3/4	0.937	0.032	0.031	0.911
	4/5	0.982	0.017	0.001	0.979
	5/6	1.000	0.000	0.000	1.000

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