

TECHNICAL REPORT

PART IV – APPENDIX FOR POOLED ANALYSIS

English Language Proficiency Assessment for the 21st Century – Listening, Reading, Speaking, and Writing

Grades K–12

2019–2020 Administration

Submitted to:

ELPA21

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Section 1: Summative Assessment - Student Participation

Table S1.1: Students Who Participated in Each Mode of Testing - Summative

Grade	Total	Braille		Online		Paper	
		N	%	N	%	N	%
K	≥ 42,010	<10	0.01	≥ 41,930	99.80	≥80	0.19
1	≥ 40,320	<10	0.01	≥40,230	99.76	≥90	0.23
2	≥ 35,370	<10	0.01	≥35,280	99.75	≥80	0.24
3	≥ 28,400	<10	0.01	≥28,360	99.87	≥30	0.13
4	≥ 24,200	<10	0.00	≥24,160	99.87	≥30	0.13
5	≥ 21,820	<10	0.00	≥21,800	99.91	≥20	0.09
6	≥ 18,950	<10	0.00	≥18,930	99.90	≥10	0.10
7	≥ 17,520	<10	0.00	≥17,510	99.89	≥10	0.11
8	≥ 17,670	<10	0.02	≥17,650	99.89	≥10	0.09
9	≥ 20,300	<10	0.01	≥20,280	99.95	<10	0.04
10	≥ 17,890	<10	0.02	≥17,880	99.96	<10	0.03
11	≥ 14,480	<10	0.01	≥14,470	99.94	<10	0.04
12	≥ 11,940	<10	0.03	≥11,940	99.94	<10	0.03
Total	≥310,930	≥20	0.01	≥310,480	99.86	≥420	0.14

Table S1.2: Student Participation by Subgroups - Summative

Subgroup	Status	K		1		2-3		4-5		6-8		9-12	
		N	%	N	%	N	%	N	%	N	%	N	%
Total		≥42,010	100.0	≥40,320	100.0	≥63,770	100.0	≥46,020	100.0	≥54,150	100.0	≥64,620	100.0
Grade	K	≥42,010	100.0										
	1			≥40,320	100.0								
	2					≥35,370	55.5						
	3					≥28,400	44.5						
	4							≥24,200	52.6				
	5							≥21,820	47.4				
	6									≥18,950	35.0		
	7									≥17,520	32.4		
	8									≥17,670	32.6		
	9											≥20,300	31.4
	10											≥17,890	27.7
	11											≥14,480	22.4
12											≥11,940	18.5	
Gender	Female	≥20,450	48.7	≥19,590	48.6	≥29,500	46.3	≥20,280	44.1	≥23,440	43.3	≥28,370	43.9
	Male	≥21,360	50.8	≥20,600	51.1	≥34,150	53.5	≥25,620	55.7	≥30,610	56.5	≥36,140	55.9
	Missing	≥200	0.5	≥120	0.3	≥ 120	0.2	≥ 100	0.2	≥ 90	0.2	≥110	0.2
Ethnicity	American Indian or Alaskan Native	≥210	0.5	≥260	0.7	≥ 500	0.8	≥ 530	1.2	≥640	1.2	≥550	0.9
	Asian	≥7,420	17.7	≥6,630	16.5	≥8,310	13.0	≥4,700	10.2	≥5,280	9.8	≥7,640	11.8
	Black or African American	≥3,820	9.1	≥3,480	8.6	≥5,480	8.6	≥3,770	8.2	≥4,570	8.4	≥6,630	10.3

Subgroup	Status	K		1		2-3		4-5		6-8		9-12	
		N	%	N	%	N	%	N	%	N	%	N	%
	Hispanic or Latino	≥23,090	55.0	≥22,940	56.9	≥38,590	60.5	≥29,700	64.5	≥35,410	65.4	≥40,140	62.1
	Native Hawaiian or Other Pacific Islander	≥40	0.1	≥50	0.1	≥90	0.1	≥60	0.1	≥70	0.1	≥60	0.1
	Pacific Islander	≥800	1.9	≥790	2.0	≥1,550	2.4	≥1,220	2.7	≥1,620	3.0	≥1,840	2.9
	Two or More Races	≥1,700	4.1	≥1,540	3.8	≥2,540	4.0	≥1,840	4.0	≥2,270	4.2	≥2,520	3.9
	White	≥4,770	11.4	≥4,490	11.2	≥6,540	10.3	≥4,090	8.9	≥4,180	7.7	≥5,100	7.9
	Other/Unknown	≥120	0.3	≥100	0.3	≥130	0.2	≥80	0.2	≥80	0.2	≥110	0.2

Section 2: Summative Assessment - Scale Score Summary

- * Domain tests with Exemption or Not Attempted are excluded.
- * The statistics are suppressed when the N count is fewer than 10.

Table S2.1: Summative Scale Score Summary by Subgroup - Kindergarten

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥41,720	237	560.0	775	76.4	≥41,210	247	559.7	770	74.8
Gender	Female	≥20,320	237	568.6	775	76.0	≥20,100	247	567.7	770	74.7
	Male	≥21,200	237	551.8	775	75.8	≥20,920	247	551.9	770	74.0
	Missing	≥200	370	565.4	775	80.8	≥190	383	566.5	770	79.5
Ethnicity	American Indian or Alaskan Native	≥200	381	551.3	691	59.9	≥200	374	549.5	678	59.4
	Asian	≥7,360	237	581.3	775	78.3	≥7,250	247	581.6	770	76.9
	Black or African American	≥3,790	237	560.0	775	76.4	≥3,750	247	559.1	770	75.3
	Hispanic or Latino	≥22,930	237	552.2	775	73.2	22,720	247	551.8	770	71.2
	Native Hawaiian or Other Pacific Islander	≥40	392	560.3	747	78.7	≥40	406	566.6	743	78.9
	Pacific Islander	≥790	237	528.9	761	65.3	≥790	247	531.6	757	64.3
	Two or More Races	≥1,690	237	555.3	761	84.7	≥1,660	247	555.8	756	82.5
	White	≥4,750	237	571.8	775	79.0	≥4,670	247	570.6	770	78.4
Other/Unknown	≥110	367	570.2	740	77.5	≥110	368	566.3	724	76.3	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥40,490	291	575.2	756	84.7	≥40,690	309	538.5	723	76.3
Gender	Female	≥19,730	291	584.2	756	82.9	≥19,830	309	542.3	723	75.7
	Male	≥20,570	291	566.4	756	85.5	≥20,670	309	534.7	723	76.7
	Missing	≥190	331	583.0	756	89.5	≥190	382	559.1	723	84.6
Ethnicity	American Indian or Alaskan Native	≥200	345	563.5	712	72.3	≥200	415	526.7	687	66.5
	Asian	≥7,090	291	594.6	756	81.6	≥7,120	309	575.8	723	78.6
	Black or African American	≥3,680	291	590.5	756	77.5	≥3,710	309	545.9	723	77.0
	Hispanic or Latino	≥22,380	291	565.7	756	84.8	≥22,460	309	523.1	723	69.7
	Native Hawaiian or Other Pacific Islander	≥ 40	388	585.8	744	71.6	≥40	400	550.3	709	82.7
	Pacific Islander	≥770	291	550.0	737	73.3	≥780	309	509.5	716	67.0
	Two or More Races	≥1,630	291	569.8	751	95.6	≥1,660	309	531.2	716	80.4
	White	≥4,570	291	585.3	756	84.3	≥4,580	309	558.0	723	77.7
Other/Unknown	≥ 100	332	589.7	732	86.5	≥110	355	542.0	706	82.2	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥41,870	3,377	5,563.0	6,865	539.6	≥42,010	3,185	5,562.3	7,178	572.2
Gender	Female	≥20,390	3,377	5,623.4	6,865	537.7	≥20,450	3,185	5,622.2	7,178	564.9
	Male	≥21,280	3,377	5,504.9	6,865	534.8	≥21,360	3,185	5,504.2	7,178	572.7
	Missing	≥200	4,278	5,583.8	6,865	554.1	≥200	3,943	5,651.6	7,178	620.1
Ethnicity	American Indian or Alaskan Native	≥200	4,270	5,509.7	6,493	432.9	≥210	4,307	5,480.8	6,544	451.7
	Asian	≥7,400	3,377	5,692.2	6,865	540.8	≥7,420	3,185	5,767.3	7,178	580.5
	Black or African American	≥3,800	3,377	5,541.8	6,865	537.9	≥3,820	3,185	5,603.9	7,178	562.1
	Hispanic or Latino	≥23,020	3,377	5,520.4	6,865	525.0	≥23,090	3,185	5,479.4	7,178	544.4
	Native Hawaiian or Other Pacific Islander	≥40	4,395	5,578.1	6,865	561.0	≥40	4,313	5,628.9	6,991	564.4
	Pacific Islander	≥800	3,377	5,354.9	6,865	462.6	≥800	3,185	5,332.9	7,017	497.0
	Two or More Races	≥1,700	3,377	5,529.7	6,865	599.3	≥1,700	3,185	5,512.1	7,089	641.5
	White	≥4,760	3,377	5,632.4	6,865	557.6	≥4,770	3,185	5,669.0	7,178	582.4
	Other/Unknown	≥110	4,182	5,624.1	6,625	548.2	≥120	3,910	5,633.2	6,884	599.2

* Scale scores cannot be compared across grade bands.

Table S2.2: Summative Scale Score Summary by Subgroup - Grade 1

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥40,120	239	558.1	712	71.4	≥39,770	241	548.9	744	78.1
Gender	Female	≥19,480	239	563.0	712	70.4	≥19,350	241	553.8	744	78.3
	Male	≥20,500	239	553.4	712	72.0	≥20,290	241	544.3	744	77.5
	Missing	≥ 120	368	555.3	701	75.7	≥120	411	550.0	735	76.6
Ethnicity	American Indian or Alaskan Native	≥260	328	539.9	701	62.5	≥250	266	524.4	720	74.2
	Asian	≥6,600	239	579.6	712	73.9	≥6,500	241	587.0	744	80.4
	Black or African American	≥3,460	239	556.4	712	71.7	≥3,430	241	556.3	744	76.4
	Hispanic or Latino	≥22,840	239	551.0	712	68.6	≥22,700	241	534.8	744	72.8
	Native Hawaiian or Other Pacific Islander	≥ 50	402	569.7	691	79.3	≥ 50	373	571.8	717	82.4
	Pacific Islander	≥780	239	529.7	712	68.6	≥780	241	523.7	744	72.7
	Two or More Races	≥1,530	295	552.2	712	75.3	≥1,510	266	541.0	744	79.1
	White	≥4,470	254	571.7	712	71.4	≥4,410	285	567.5	744	79.0
Other/Unknown	≥100	405	572.7	697	69.3	≥ 90	415	565.0	723	81.7	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥39,110	265	573.7	736	75.4	≥39,300	245	543.9	733	83.7
Gender	Female	≥19,050	265	580.1	736	74.5	≥19,130	245	549.9	733	82.6
	Male	≥19,930	265	567.7	736	75.6	≥20,050	245	538.2	733	84.2
	Missing	≥120	309	569.6	731	77.5	≥120	374	553.1	723	77.5
Ethnicity	American Indian or Alaskan Native	≥250	276	556.6	727	70.0	≥250	271	519.0	715	82.7
	Asian	≥6,330	265	594.5	736	74.2	≥6,380	245	582.7	733	79.3
	Black or African American	≥3,380	265	583.0	736	67.7	≥3,400	245	553.7	733	80.1
	Hispanic or Latino	≥22,360	265	564.8	736	75.3	≥22,480	245	528.8	733	81.2
	Native Hawaiian or Other Pacific Islander	≥ 50	328	586.4	701	65.1	≥ 50	341	565.8	702	84.0
	Pacific Islander	≥770	265	551.9	736	70.0	≥770	245	520.6	733	81.7
	Two or More Races	≥1,500	276	571.7	736	81.2	≥1,510	272	537.2	733	86.1
	White	≥4,340	280	587.1	736	73.2	≥4,340	267	565.2	733	80.5
Other/Unknown	≥ 90	311	593.0	696	67.8	≥ 90	381	561.4	709	87.6	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥40,230	3,428	5,524.3	6,640	505.2	≥40,320	3,021	5,554.9	6,998	586.5
Gender	Female	≥19,540	3,428	5,557.0	6,640	503.2	≥19,590	3,021	5,601.9	6,998	581.0
	Male	≥20,560	3,428	5,493.3	6,633	505.1	≥20,600	3,021	5,510.2	6,998	588.2
	Missing	≥120	4,417	5,510.6	6,633	521.5	≥120	4,009	5,562.0	6,891	587.5
Ethnicity	American Indian or Alaskan Native	≥260	3,807	5,373.3	6,547	449.9	≥260	3,333	5,375.9	6,884	537.8
	Asian	≥6,620	3,428	5,732.1	6,633	529.6	≥6,630	3,021	5,797.8	6,998	584.0
	Black or African American	≥3,470	3,428	5,535.6	6,633	503.1	≥3,480	3,021	5,600.4	6,998	564.9
	Hispanic or Latino	≥22,890	3,428	5,452.4	6,633	475.3	≥22,940	3,021	5,462.4	6,998	563.8
	Native Hawaiian or Other Pacific Islander	≥ 50	4,363	5,655.4	6,633	562.9	≥ 50	4,232	5,696.0	6,713	577.8
	Pacific Islander	≥780	3,428	5,327.1	6,633	475.0	≥790	3,021	5,351.4	6,998	559.0
	Two or More Races	≥1,540	3,759	5,472.9	6,633	517.1	≥1,540	3,307	5,509.2	6,998	615.9
	White	≥4,480	3,836	5,632.6	6,640	512.0	≥4,490	3,352	5,690.6	6,998	580.6
Other/Unknown	≥100	4,532	5,627.9	6,633	491.7	≥100	4,100	5,690.4	6,696	561.7	

* Scale scores cannot be compared across grade bands.

Table S2.3: Summative Scale Score Summary by Subgroup - Grade 2

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥35,150	229	528.6	742	66.1	≥34,910	228	521.9	766	68.2
Gender	Female	≥16,380	229	532.6	742	66.0	≥16,310	228	528.7	766	68.4
	Male	≥18,660	229	525.1	726	65.9	≥18,510	228	515.9	744	67.5
	Missing	≥ 90	276	521.3	647	69.3	≥90	326	526.0	666	71.3
Ethnicity	American Indian or Alaskan Native	≥270	329	530.0	652	50.6	≥260	358	508.5	674	57.7
	Asian	≥4,990	229	541.5	699	66.0	≥4,950	228	545.3	726	68.2
	Black or African American	≥2,940	229	528.4	688	64.4	≥2,920	228	525.0	722	65.7
	Hispanic or Latino	≥20,900	229	525.3	742	65.5	≥20,830	228	514.9	766	66.9
	Native Hawaiian or Other Pacific Islander	≥ 40	345	525.2	626	57.5	≥ 40	406	529.5	647	63.5
	Pacific Islander	≥820	229	509.7	707	62.0	≥820	228	506.7	712	64.9
	Two or More Races	≥1,330	296	521.6	705	71.1	≥1,300	350	516.9	715	72.4
	White	≥3,730	229	536.7	709	66.9	≥3,690	228	533.7	723	68.6
Other/Unknown	≥ 70	345	522.7	637	78.2	≥ 70	373	524.7	683	82.0	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥34,160	252	546.4	747	71.6	≥34,490	235	520.0	765	70.9
Gender	Female	≥15,990	252	553.5	747	70.4	≥16,110	235	528.2	765	69.5
	Male	≥18,070	252	540.1	735	72.0	≥18,280	235	512.8	721	71.4
	Missing	≥ 90	301	546.8	656	80.5	≥ 90	328	524.5	657	74.1
Ethnicity	American Indian or Alaskan Native	≥260	293	539.8	677	57.5	≥260	324	507.2	645	61.9
	Asian	≥4,810	252	558.6	725	71.2	≥4,900	235	542.6	717	68.3
	Black or African American	≥2,850	252	554.1	723	64.8	≥2,880	235	523.5	709	68.7
	Hispanic or Latino	≥20,430	252	541.1	747	72.1	≥20,570	235	512.7	765	70.3
	Native Hawaiian or Other Pacific Islander	≥ 40	329	545.5	672	76.4	≥ 40	380	533.8	639	64.8
	Pacific Islander	≥800	252	529.4	696	64.0	≥810	235	506.5	721	70.0
	Two or More Races	≥1,280	292	543.0	720	79.0	≥1,290	321	513.9	700	75.5
	White	≥3,590	252	559.8	725	69.4	≥3,640	235	534.0	726	70.0
Other/Unknown	≥ 70	302	548.8	703	81.7	≥ 70	344	522.6	659	80.7	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥35,260	3,300	5,315.9	6,729	483.3	≥35,370	2,968	5,327.9	7,156	528.6
Gender	Female	≥16,430	3,300	5,351.6	6,729	484.4	≥16,500	2,968	5,381.9	7,156	521.7
	Male	≥18,730	3,300	5,284.6	6,729	480.1	≥18,770	2,968	5,280.5	6,977	529.9
	Missing	≥ 90	3,911	5,296.2	6,391	499.5	≥ 90	3,562	5,325.3	6,341	571.0
Ethnicity	American Indian or Alaskan Native	≥270	4,059	5,277.5	6,559	383.3	≥270	3,635	5,266.0	6,343	418.5
	Asian	≥5,010	3,300	5,452.3	6,729	492.5	≥5,030	2,968	5,472.0	6,839	524.3
	Black or African American	≥2,960	3,300	5,319.7	6,729	469.7	≥2,970	2,968	5,352.6	6,802	506.5
	Hispanic or Latino	≥20,960	3,300	5,279.9	6,729	474.4	≥21,010	2,968	5,282.0	7,156	523.1
	Native Hawaiian or Other Pacific Islander	≥ 40	4,253	5,311.3	6,183	425.4	≥ 40	4,106	5,362.6	6,129	487.9
	Pacific Islander	≥830	3,300	5,187.0	6,593	450.7	≥830	2,968	5,197.7	6,666	496.8
	Two or More Races	≥1,330	3,951	5,268.0	6,729	512.6	≥1,340	3,649	5,280.8	6,798	574.2
	White	≥3,750	3,300	5,380.4	6,729	489.8	≥3,770	2,968	5,422.5	6,830	527.0
Other/Unknown	≥ 70	4,154	5,299.1	6,307	581.2	≥ 70	3,765	5,309.7	6,466	640.2	

* Scale scores cannot be compared across grade bands.

Table S2.4: Summative Scale Score Summary by Subgroup - Grade 3

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥28,250	229	550.8	742	70.9	≥28,030	228	550.9	766	72.2
Gender	Female	≥12,930	229	554.0	742	71.4	≥12,850	228	558.1	766	71.8
	Male	≥15,290	229	548.2	731	70.3	≥15,150	228	544.8	751	72.0
	Missing	≥ 20	328	510.7	642	90.9	≥ 20	398	529.3	644	76.1
Ethnicity	American Indian or Alaskan Native	≥220	229	556.1	688	61.2	≥220	228	539.3	688	68.8
	Asian	≥3,260	229	559.5	731	71.0	≥3,210	228	569.4	751	71.8
	Black or African American	≥2,500	260	546.8	698	69.6	≥2,480	265	548.5	722	70.1
	Hispanic or Latino	≥17,480	229	549.7	719	70.9	≥17,380	228	547.3	751	72.0
	Native Hawaiian or Other Pacific Islander	≥ 50	421	559.2	689	54.4	≥ 50	435	571.9	688	58.2
	Pacific Islander	≥710	229	537.5	700	68.6	≥710	228	541.4	704	68.6
	Two or More Races	≥1,190	272	545.8	697	74.2	≥1,160	336	546.0	702	72.4
	White	≥2,760	261	556.3	742	70.9	≥2,730	241	559.9	766	72.9
Other/Unknown	≥ 60	336	547.0	689	79.4	≥ 60	354	543.0	688	77.4	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥27,600	252	569.2	747	75.8	≥27,790	235	550.1	765	73.0
Gender	Female	≥12,630	252	575.3	747	75.0	≥12,750	235	557.7	765	71.9
	Male	≥14,930	252	564.0	729	76.0	≥15,010	235	543.7	751	73.4
	Missing	≥ 20	306	529.7	657	100.7	≥ 20	351	531.2	643	83.7
Ethnicity	American Indian or Alaskan Native	≥220	252	558.9	708	71.4	≥220	235	537.4	693	72.0
	Asian	≥3,160	252	579.5	730	73.2	≥3,180	235	566.6	751	70.6
	Black or African American	≥2,440	266	570.6	723	71.2	≥2,430	264	549.1	721	71.5
	Hispanic or Latino	≥17,160	252	566.0	739	76.7	≥17,280	235	546.2	751	73.3
	Native Hawaiian or Other Pacific Islander	≥50	362	584.7	677	55.3	≥50	434	575.9	673	53.3
	Pacific Islander	≥700	252	557.5	716	70.8	≥700	235	543.5	702	70.2
	Two or More Races	≥1,140	299	565.8	715	78.5	≥1,160	328	545.5	693	73.9
	White	≥2,650	259	580.7	747	75.2	≥2,690	248	560.5	765	72.5
Other/Unknown	≥ 60	321	570.0	676	83.4	≥50	366	552.0	679	76.7	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥28,340	3,300	5,497.6	6,805	518.8	≥28,400	2,968	5,539.2	7,156	562.4
Gender	Female	≥12,970	3,300	5,532.1	6,729	518.9	≥12,990	2,968	5,588.4	7,156	557.6
	Male	≥15,340	3,300	5,468.9	6,805	516.8	≥15,370	2,968	5,498.1	6,964	562.7
	Missing	≥ 20	4,189	5,272.3	6,312	600.1	≥ 20	3,898	5,277.9	6,184	711.4
Ethnicity	American Indian or Alaskan Native	≥ 227	3,300	5,487.0	6,622	455.5	≥ 220	2,968	5,482.7	6,629	504.4
	Asian	≥ 3,270	3,300	5,599.4	6,729	527.5	≥ 3,280	2,968	5,645.7	6,964	557.5
	Black or African American	≥ 2,500	3,598	5,465.3	6,729	504.5	≥ 2,510	3,235	5,523.9	6,794	547.6
	Hispanic or Latino	≥17,530	3,300	5,482.9	6,729	516.6	≥17,570	2,968	5,517.2	6,996	562.1
	Native Hawaiian or Other Pacific Islander	≥ 50	4,723	5,586.5	6,571	420.6	≥ 50	4,728	5,684.5	6,570	401.2
	Pacific Islander	≥ 710	3,300	5,408.9	6,619	501.7	≥ 720	2,968	5,455.1	6,748	538.1
	Two or More Races	≥ 1,190	3,659	5,457.3	6,729	533.5	≥ 1,190	3,648	5,494.9	6,727	584.6
	White	≥ 2,760	3,454	5,541.3	6,805	520.9	≥ 2,770	3,095	5,609.9	7,156	563.5
Other/Unknown	≥ 60	4,111	5,430.3	6,571	559.5	≥ 60	3,860	5,518.2	6,563	616.3	

* Scale scores cannot be compared across grade bands.

Table S2.5: Summative Scale Score Summary by Subgroup - Grade 4

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥24,050	213	528.1	734	72.5	≥23,800	228	521.2	753	67.5
Gender	Female	≥10,530	220	531.2	734	72.0	≥10,440	255	526.0	753	66.7
	Male	≥13,460	213	525.8	713	72.7	≥13,300	228	517.6	736	67.8
	Missing	≥ 50	348	499.1	711	85.2	≥ 50	355	497.0	699	77.5
Ethnicity	American Indian or Alaskan Native	≥268	352	514.4	717	59.9	≥250	325	497.8	719	58.1
	Asian	≥528	236	539.2	714	75.4	≥2,490	240	536.7	743	70.0
	Black or African American	≥940	213	525.8	701	72.6	≥1,910	228	518.6	701	66.8
	Hispanic or Latino	≥15,420	213	527.5	722	71.5	≥15,300	228	520.0	735	66.7
	Native Hawaiian or Other Pacific Islander	≥ 30	393	522.5	628	60.7	≥30	409	521.0	643	61.4
	Pacific Islander	≥620	213	511.1	698	67.8	≥610	228	508.1	716	62.4
	Two or More Races	≥ 960	291	522.3	734	76.6	≥940	340	514.4	753	68.1
	White	≥240	220	530.7	705	75.1	≥2,210	237	524.5	718	69.7
Other/Unknown	≥40	303	498.9	628	88.2	≥40	323	502.0	632	77.1	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption or Not Attempted are excluded.

Table S2.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥23,390	237	544.6	745	78.3	≥23,570	221	518.8	743	73.5
Gender	Female	≥10,280	241	552.2	745	77.0	≥10,350	231	525.8	743	72.4
	Male	≥13,060	237	538.7	728	78.6	≥13,160	221	513.5	732	73.8
	Missing	≥ 50	286	513.0	698	95.8	≥ 50	319	489.7	722	92.8
Ethnicity	American Indian or Alaskan Native	≥260	276	516.2	705	74.1	≥250	302	500.4	712	64.5
	Asian	≥2,430	243	551.4	718	77.6	≥2,450	233	532.5	743	72.5
	Black or African American	≥1,880	237	547.8	698	74.7	≥1,880	221	517.9	698	71.9
	Hispanic or Latino	≥15,040	237	543.4	741	78.8	≥15,180	221	517.1	742	73.5
	Native Hawaiian or Other Pacific Islander	≥20	410	551.5	631	62.9	≥ 30	366	529.6	631	61.3
	Pacific Islander	≥600	237	535.1	703	69.4	≥600	221	511.8	732	71.1
	Two or More Races	≥920	285	538.3	745	81.7	≥920	292	510.6	742	75.6
	White	≥2,170	247	551.5	719	78.2	≥2,180	230	524.5	729	74.6
Other/Unknown	≥ 40	282	521.9	636	93.7	≥ 40	300	493.7	640	87.8	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥24,130	3,298	5,317.4	6,878	510.2	≥24,200	2,892	5,325.6	7,049	560.3
Gender	Female	≥10,560	3,460	5,337.4	6,878	503.4	≥10,600	2,981	5,371.4	7,049	552.5
	Male	≥13,500	3,298	5,302.5	6,878	514.7	≥13,530	2,892	5,290.6	6,831	563.0
	Missing	≥ 50	4,160	5,123.9	6,558	557.6	≥50	3,819	5,096.2	6,613	688.7
Ethnicity	American Indian or Alaskan Native	≥260	4,263	5,188.8	6,700	420.7	≥270	3,654	5,163.8	6,800	469.3
	Asian	≥2,530	3,425	5,421.9	6,878	544.3	≥2,540	2,987	5,419.7	6,831	571.1
	Black or African American	≥1,940	3,298	5,292.0	6,878	510.2	≥1,940	2,892	5,318.2	6,606	552.5
	Hispanic or Latino	≥15,470	3,298	5,312.0	6,878	500.7	≥15,510	2,892	5,316.8	6,902	556.4
	Native Hawaiian or Other Pacific Islander	≥30	4,471	5,262.2	6,228	433.1	≥30	4,251	5,352.8	6,036	465.1
	Pacific Islander	≥620	3,298	5,185.7	6,619	460.0	≥620	2,892	5,235.2	6,790	520.8
	Two or More Races	≥960	3,715	5,274.2	6,787	527.7	≥960	3,437	5,264.0	7,049	580.2
	White	≥2,250	3,298	5,332.3	6,878	529.8	≥2,250	3,005	5,360.8	6,775	574.4
Other/Unknown	≥40	3,723	5,153.9	6,218	575.9	≥ 40	3,595	5,124.2	6,139	685.9	

* Scale scores cannot be compared across grade bands.

Table S2.6: Summative Scale Score Summary by Subgroup - Grade 5

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥21,640	213	544.1	762	78.8	≥21,500	228	542.3	772	73.8
Gender	Female	≥ 9,610	213	546.5	762	78.7	≥ 9,550	228	547.4	772	72.9
	Male	1≥1,970	213	542.2	737	78.7	≥11,900	228	538.1	739	74.2
	Missing	≥50	277	541.1	693	94.3	≥50	393	543.4	703	75.8
Ethnicity	American Indian or Alaskan Native	≥260	254	534.6	683	64.3	≥250	266	525.1	697	66.7
	Asian	≥2,140	213	551.4	727	81.9	≥2,110	228	553.4	723	74.9
	Black or African American	≥1,810	213	534.8	732	83.3	≥1,790	228	534.4	739	76.1
	Hispanic or Latino	≥14,080	213	545.1	759	77.2	≥14,020	228	542.5	772	73.0
	Native Hawaiian or Other Pacific Islander	≥30	344	531.7	673	86.3	≥20	370	541.1	675	65.6
	Pacific Islander	≥590	294	525.1	717	77.0	≥590	354	528.1	728	70.8
	Two or More Races	≥870	258	538.8	702	79.1	≥850	364	536.1	704	70.4
	White	≥1,800	213	547.6	762	82.8	≥1,800	228	545.0	768	77.4
Other/Unknown	≥40	370	556.3	655	73.8	≥40	399	546.7	634	61.8	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥21,140	237	557.2	761	82.8	≥21,200	221	539.2	776	79.5
Gender	Female	≥9,360	237	563.6	761	81.8	≥ 9,420	221	545.6	776	78.6
	Male	≥11,720	237	552.1	747	83.2	≥11,730	221	534.0	743	79.9
	Missing	≥ 50	318	543.6	695	89.1	≥ 50	356	536.8	663	87.4
Ethnicity	American Indian or Alaskan Native	≥230	251	540.3	695	73.6	≥240	250	526.2	700	70.2
	Asian	≥2,070	237	562.8	738	80.1	≥2,080	221	548.3	739	79.0
	Black or African American	≥1,780	237	555.6	742	82.2	≥1,760	221	531.7	737	82.2
	Hispanic or Latino	≥13,800	237	556.7	750	83.3	≥13,840	221	539.0	773	79.2
	Native Hawaiian or Other Pacific Islander	≥20	336	541.3	650	93.0	≥20	344	541.3	675	79.7
	Pacific Islander	≥580	301	545.0	698	72.8	≥580	318	531.5	707	76.2
	Two or More Races	≥820	283	554.8	729	81.7	≥830	304	535.0	708	77.0
	White	≥1,760	237	563.3	761	86.4	≥1,770	221	543.3	776	82.8
Other/Unknown	≥40	345	566.5	681	77.9	≥40	377	550.2	640	63.2	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥21,760	3,298	5,452.2	6,878	560.0	≥21,820	2,892	5,465.5	7,221	608.9
Gender	Female	≥ 9,660	3,298	5,471.6	6,878	554.8	≥ 9,680	2,892	5,506.5	7,221	602.7
	Male	≥12,050	3,298	5,436.5	6,878	563.1	≥12,090	2,892	5,432.9	7,021	611.5
	Missing	≥50	3,622	5,461.5	6,878	678.2	≥50	3,629	5,410.1	6,640	703.7
Ethnicity	American Indian or Alaskan Native	≥260	3,586	5,355.0	6,665	476.6	≥260	3,118	5,357.5	6,635	510.2
	Asian	≥2,150	3,298	5,524.8	6,878	587.6	≥2,160	2,892	5,528.8	6,803	614.8
	Black or African American	≥1,820	3,298	5,380.4	6,779	585.1	≥1,820	2,892	5,407.4	6,937	635.4
	Hispanic or Latino	≥14,150	3,298	5,459.6	6,878	549.9	≥14,180	2,892	5,468.6	7,175	602.2
	Native Hawaiian or Other Pacific Islander	≥30	4,148	5,354.2	6,342	563.0	≥ 30	3,910	5,374.2	6,371	647.7
	Pacific Islander	≥600	3,886	5,312.4	6,878	537.2	≥600	3,703	5,358.9	6,804	575.5
	Two or More Races	≥870	3,482	5,403.9	6,652	552.5	≥880	3,505	5,421.2	6,722	602.2
	White	≥1,820	3,298	5,464.1	6,878	583.2	≥1,830	2,892	5,495.9	7,221	641.9
	Other/Unknown	≥40	4,325	5,512.7	6,246	520.2	≥40	4,094	5,546.6	6,188	525.7

* Scale scores cannot be compared across grade bands.

Table S2.7: Summative Scale Score Summary by Subgroup - Grade 6

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥18,640	232	526.4	756	68.6	≥18,550	247	522.0	763	63.0
Gender	Female	≥ 8,080	232	525.6	729	67.9	≥8,060	247	523.2	743	61.7
	Male	≥10,520	232	527.0	756	69.2	≥10,450	247	521.1	763	63.9
	Missing	≥30	353	495.4	602	65.1	≥ 30	391	507.8	617	58.6
Ethnicity	American Indian or Alaskan Native	≥220	380	525.3	724	51.1	≥220	374	511.7	739	54.2
	Asian	≥1,880	232	537.4	756	72.5	≥1,860	247	539.6	763	68.3
	Black or African American	≥1,570	268	524.2	696	65.9	≥1,550	286	520.8	699	62.0
	Hispanic or Latino	≥12,130	232	524.2	722	68.8	≥12,080	247	518.9	733	62.0
	Native Hawaiian or Other Pacific Islander	≥20	422	515.5	613	57.5	≥20	435	509.2	592	56.6
	Pacific Islander	≥530	353	522.3	685	62.6	≥530	359	514.8	682	58.1
	Two or More Races	≥760	268	520.3	665	67.6	≥740	369	517.2	710	60.0
	White	≥1,480	268	536.8	727	67.8	≥1,480	336	531.8	743	64.4
Other/Unknown	≥30	312	542.6	712	85.3	≥ 20	441	556.4	744	69.2	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥18,110	268	549.1	752	72.9	≥18,200	243	518.5	768	71.2
Gender	Female	≥ 7,860	268	553.4	740	72.9	≥ 7,920	243	524.1	746	70.4
	Male	≥10,210	268	545.8	752	72.7	≥10,250	243	514.2	768	71.6
	Missing	≥30	336	530.7	653	76.5	≥30	336	493.7	579	60.1
Ethnicity	American Indian or Alaskan Native	≥190	344	526.2	702	75.0	≥200	347	513.8	731	55.9
	Asian	≥1,790	268	561.1	752	75.6	≥1,800	243	530.5	768	71.0
	Black or African American	≥1,530	292	551.2	707	66.1	≥1,530	292	518.4	725	68.1
	Hispanic or Latino	≥11,860	268	545.7	723	73.6	≥11,900	243	515.7	730	72.0
	Native Hawaiian or Other Pacific Islander	≥20	471	549.1	643	50.4	≥20	375	507.6	621	62.0
	Pacific Islander	≥510	310	541.3	733	66.6	≥520	314	519.3	720	68.4
	Two or More Races	≥720	317	545.0	689	72.3	≥730	331	512.0	669	70.5
	White	≥1,430	316	567.6	745	68.0	≥1,450	307	529.8	738	68.9
Other/Unknown	≥20	444	577.2	715	63.1	≥20	351	545.5	639	60.8	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥18,800	3,361	5,312.2	6,938	479.2	≥18,950	3,052	5,334.0	7,094	523.1
Gender	Female	≥ 8,150	3,361	5,302.0	6,938	465.8	≥ 8,220	3,052	5,355.3	6,834	515.4
	Male	≥10,610	3,361	5,320.6	6,938	489.0	≥10,680	3,052	5,318.2	7,094	528.5
	Missing	≥ 30	4,171	5,158.0	6,161	474.0	≥30	4,109	5,137.8	5,807	482.1
Ethnicity	American Indian or Alaskan Native	≥220	4,340	5,274.8	6,835	379.7	≥220	4,326	5,258.0	6,759	414.6
	Asian	≥1,890	3,361	5,419.5	6,938	525.8	≥1,910	3,052	5,437.6	7,094	551.8
	Black or African American	≥1,580	3,553	5,296.8	6,711	469.2	≥1,600	3,395	5,329.4	6,672	501.3
	Hispanic or Latino	≥12,220	3,361	5,294.7	6,938	473.9	≥12,330	3,052	5,312.4	6,788	522.9
	Native Hawaiian or Other Pacific Islander	≥20	4,576	5,215.1	5,815	382.4	≥20	4,580	5,260.8	5,950	416.8
	Pacific Islander	≥540	4,178	5,259.0	6,463	423.9	≥540	3,724	5,298.2	6,689	483.2
	Two or More Races	≥760	3,553	5,269.7	6,732	467.0	≥770	3,560	5,283.8	6,526	516.9
	White	≥1,500	3,553	5,380.3	6,938	483.5	≥1,510	3,560	5,430.8	6,932	513.9
Other/Unknown	≥ 30	3,867	5,460.6	6,761	593.4	≥30	3,822	5,514.9	6,843	611.4	

* Scale scores cannot be compared across grade bands.

Table S2.8: Summative Scale Score Summary by Subgroup - Grade 7

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,250	232	533.6	743	74.8	≥17,190	247	531.9	761	68.3
Gender	Female	≥ 7,500	232	533.7	743	75.1	≥ 7,470	247	535.3	761	67.9
	Male	≥ 9,730	232	533.5	739	74.5	≥ 9,690	247	529.4	744	68.4
	Missing	≥ 10	267	490.9	634	104.2	≥ 10	276	500.9	667	94.0
Ethnicity	American Indian or Alaskan Native	≥210	352	541.7	665	61.3	≥ 210	377	529.5	702	65.7
	Asian	≥1,640	268	544.5	739	74.3	≥1,630	284	548.5	751	72.0
	Black or African American	≥1,460	268	532.5	733	73.4	≥1,460	290	534.2	736	67.4
	Hispanic or Latino	≥11,320	232	531.2	727	75.6	≥11,290	247	528.4	746	67.5
	Native Hawaiian or Other Pacific Islander	≥30	372	533.4	679	70.5	≥30	367	530.4	680	68.6
	Pacific Islander	≥530	339	535.1	713	63.4	≥530	359	528.7	714	60.3
	Two or More Races	≥710	268	521.9	743	78.7	≥700	344	524.6	761	70.2
	White	≥1,300	351	546.3	719	71.7	≥1,300	337	545.3	726	68.3
Other/Unknown	≥10	413	527.8	685	73.3	≥10	433	526.7	700	68.8	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥16,720	268	552.5	753	78.2	≥16,920	243	527.6	750	77.9
Gender	Female	≥7,300	268	558.3	746	78.5	≥ 7,380	243	534.1	740	77.9
	Male	≥9,400	268	548.0	753	77.7	≥ 9,520	243	522.6	750	77.4
	Missing	≥ 10	286	528.7	644	113.4	≥10	293	498.3	642	102.5
Ethnicity	American Indian or Alaskan Native	≥ 190	319	542.0	697	75.1	≥190	349	532.4	674	70.9
	Asian	≥1,570	286	568.1	753	76.2	≥1,590	274	538.6	737	74.9
	Black or African American	≥1,430	294	556.4	735	74.6	≥1,430	287	528.3	750	74.0
	Hispanic or Latino	≥11,060	268	548.7	746	79.2	≥11,150	243	524.5	741	79.0
	Native Hawaiian or Other Pacific Islander	≥30	396	552.1	658	57.9	≥30	336	525.2	671	75.7
	Pacific Islander	≥510	330	554.6	705	66.3	≥520	315	538.3	725	66.3
	Two or More Races	≥660	313	539.1	728	82.6	≥690	329	515.2	740	84.0
	White	≥1,230	313	569.2	744	74.5	≥1,280	323	541.1	713	74.5
Other/Unknown	≥10	361	554.7	704	84.1	≥ 10	412	536.2	665	69.5	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,390	3,361	5,374.9	6,938	519.5	≥17,520	3,052	5,393.6	7,046	570.5
Gender	Female	≥ 7,550	3,361	5,375.8	6,938	514.8	≥ 7,620	3,052	5,426.3	7,029	571.5
	Male	≥9,820	3,361	5,374.7	6,938	522.7	≥ 9,880	3,052	5,368.8	7,046	567.9
	Missing	≥10	3,480	5,109.6	6,225	699.9	≥ 10	3,312	5,161.6	6,274	813.8
Ethnicity	American Indian or Alaskan Native	≥210	4,297	5,402.2	6,546	457.4	≥210	3,942	5,392.0	6,482	508.9
	Asian	≥1,650	3,553	5,480.2	6,938	542.6	≥1,650	3,306	5,501.9	7,046	569.7
	Black or African American	≥1,470	3,553	5,374.7	6,835	515.5	≥1,480	3,388	5,400.5	6,886	556.6
	Hispanic or Latino	≥11,410	3,361	5,354.0	6,938	517.3	≥11,510	3,052	5,369.9	6,935	573.4
	Native Hawaiian or Other Pacific Islander	≥30	4,240	5,373.1	6,525	511.6	≥30	4,009	5,384.3	6,429	515.7
	Pacific Islander	≥540	4,077	5,345.5	6,599	442.3	≥540	3,846	5,412.5	6,671	484.5
	Two or More Races	≥720	3,553	5,308.5	6,938	542.5	≥70	3,560	5,292.1	7,029	609.3
	White	≥1,320	4,169	5,468.4	6,938	512.7	≥1,330	3,792	5,504.1	6,890	552.4
Other/Unknown	≥10	4,564	5,326.1	6,703	545.6	≥10	4,553	5,355.4	6,530	536.8	

* Scale scores cannot be compared across grade bands.

Table S2.9: Summative Scale Score Summary by Subgroup - Grade 8

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,280	232	550.9	758	82.0	≥17,210	247	552.6	780	76.5
Gender	Female	≥ 7,420	232	552.9	758	82.5	≥ 7,410	247	556.4	767	75.9
	Male	≥ 9,810	232	549.6	755	81.5	≥ 9,760	247	549.7	780	76.8
	Missing	≥ 30	331	519.6	684	93.8	≥30	417	534.3	690	77.1
Ethnicity	American Indian or Alaskan Native	≥190	293	552.0	702	72.0	≥180	364	546.6	743	70.6
	Asian	≥1,670	305	567.2	755	77.5	≥1,670	366	571.9	780	75.8
	Black or African American	≥1,450	325	547.3	758	79.8	≥1,450	313	549.7	767	77.3
	Hispanic or Latino	≥11,300	232	548.8	742	83.4	≥11,260	247	549.9	759	76.4
	Native Hawaiian or Other Pacific Islander	≥ 20	405	548.6	694	69.5	≥20	409	549.3	697	76.3
	Pacific Islander	≥520	309	548.2	705	68.7	≥530	384	543.1	726	66.2
	Two or More Races	≥770	301	541.4	721	86.4	≥760	367	546.0	748	79.1
	White	≥1,300	253	559.7	740	77.8	≥1,290	346	562.8	755	74.9
Other/Unknown	≥30	232	533.8	685	107.4	≥ 30	247	537.3	684	106.0	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥16,830	268	564.4	766	84.0	≥16,970	243	545.9	776	84.8
Gender	Female	≥7,240	268	571.4	763	83.9	≥7,300	243	553.7	764	85.2
	Male	≥9,550	268	559.2	766	83.6	≥9,630	243	540.1	776	84.0
	Missing	≥ 30	341	554.6	687	78.4	≥ 30	332	523.7	697	89.6
Ethnicity	American Indian or Alaskan Native	≥170	311	558.4	744	73.5	≥180	316	547.7	715	71.7
	Asian	≥1,620	312	585.3	766	78.7	≥1,640	321	561.0	776	77.3
	Black or African American	≥1,390	307	568.3	763	77.3	≥1,420	309	543.5	764	81.9
	Hispanic or Latino	≥11,080	268	560.1	748	85.6	≥11,120	243	543.3	757	86.7
	Native Hawaiian or Other Pacific Islander	≥ 20	411	563.3	658	61.0	≥ 20	360	546.2	702	76.5
	Pacific Islander	≥500	321	556.4	712	71.0	≥520	313	546.7	722	71.6
	Two or More Races	≥730	314	556.3	730	89.8	≥750	321	534.3	748	91.1
	White	≥1,240	314	581.1	740	78.4	≥1,270	269	558.8	744	79.0
Other/Unknown	≥30	268	550.7	672	113.0	≥ 30	243	521.2	683	113.0	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,460	3,361	5,517.6	6,938	580.7	≥17,670	3,052	5,531.4	7,242	626.0
Gender	Female	≥ 7,500	3,361	5,522.6	6,938	571.4	≥7,590	3,052	5,572.1	7,180	625.4
	Male	≥9,920	3,361	5,514.6	6,938	587.3	≥10,030	3,052	5,501.2	7,242	624.5
	Missing	≥ 30	4,354	5,313.0	6,665	614.4	≥ 30	4,008	5,373.2	6,520	655.7
Ethnicity	American Indian or Alaskan Native	≥190	3,732	5,491.4	6,728	529.9	≥200	3,716	5,496.6	6,917	546.4
	Asian	≥ 1,690	3,948	5,652.6	6,938	574.0	≥1,710	3,767	5,672.5	7,242	590.9
	Black or African American	≥ 1,470	3,955	5,488.4	6,938	577.1	≥1,480	3,616	5,514.1	7,180	610.5
	Hispanic or Latino	≥11,400	3,361	5,501.8	6,938	583.4	≥11,560	3,052	5,510.0	7,004	634.7
	Native Hawaiian or Other Pacific Islander	≥ 20	4,513	5,495.1	6,552	529.0	≥ 20	4,248	5,519.7	6,504	541.4
	Pacific Islander	≥ 530	4,093	5,463.4	6,825	495.9	≥530	3,807	5,491.8	6,766	523.7
	Two or More Races	≥ 770	3,783	5,464.4	6,835	602.5	≥780	3,770	5,460.1	6,894	667.4
	White	≥1,320	3,553	5,573.7	6,938	563.6	≥1,330	3,305	5,622.2	6,999	595.2
Other/Unknown	≥30	3,361	5,403.5	6,590	765.5	≥ 30	3,052	5,381.5	6,483	875.3	

* Scale scores cannot be compared across grade bands.

Table S2.10: Summative Scale Score Summary by Subgroup - Grade 9

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥20,010	253	530.1	777	78.0	≥19,950	258	527.7	790	71.5
Gender	Female	≥ 8,410	253	532.5	777	77.0	≥ 8,380	258	530.8	790	70.1
	Male	≥11,550	253	528.3	766	78.5	≥11,520	258	525.4	775	72.3
	Missing	≥ 30	388	536.2	698	91.2	≥30	413	537.1	699	84.4
Ethnicity	American Indian or Alaskan Native	≥160	310	547.0	693	60.1	≥150	405	542.6	708	59.6
	Asian	≥1,930	253	556.7	766	72.7	≥1,920	258	554.7	775	71.8
	Black or African American	≥1,890	270	529.3	762	72.8	≥1,910	287	526.0	777	67.0
	Hispanic or Latino	≥12,950	253	525.5	716	79.2	≥12,910	258	523.2	734	71.2
	Native Hawaiian or Other Pacific Islander	≥ 20	388	536.3	635	62.9	≥20	412	527.8	625	60.9
	Pacific Islander	≥570	253	531.7	692	67.2	≥570	258	523.1	691	61.5
	Two or More Races	≥980	317	512.7	738	80.3	≥980	350	513.6	758	72.0
	White	≥1,430	253	546.7	777	74.3	≥1,410	258	544.4	790	72.6
Other/Unknown	≥ 40	335	518.4	703	78.7	≥30	324	515.9	721	80.0	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥19,640	297	544.7	728	80.0	≥19,790	263	520.7	782	79.7
Gender	Female	≥8,250	297	550.5	728	79.4	≥8,330	263	526.0	782	79.0
	Male	≥11,350	297	540.5	723	80.3	≥11,420	263	516.8	760	80.0
	Missing	≥ 30	347	555.8	671	85.0	≥ 30	362	528.4	677	95.8
Ethnicity	American Indian or Alaskan Native	≥150	368	543.6	672	72.3	≥150	361	537.4	669	58.6
	Asian	≥1,900	297	573.3	728	68.5	≥1,910	263	544.4	760	70.6
	Black or African American	≥1,870	306	554.5	707	67.8	≥1,880	278	520.2	749	72.5
	Hispanic or Latino	≥12,710	297	537.4	723	83.0	≥12,820	263	516.3	718	81.8
	Native Hawaiian or Other Pacific Islander	≥10	346	557.0	644	74.7	≥ 10	345	527.0	620	73.6
	Pacific Islander	≥560	297	546.2	694	67.9	≥570	263	529.6	692	68.3
	Two or More Races	≥970	326	530.8	705	82.0	≥970	319	501.6	732	84.7
	White	≥1,400	297	567.8	710	71.4	≥1,400	263	537.4	782	74.6
Other/Unknown	≥ 30	326	548.2	679	79.1	≥30	312	506.2	702	83.2	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥20,160	3,505	5,360.4	7,177	550.1	≥20,300	3,235	5,350.8	7,084	593.2
Gender	Female	≥8,470	3,505	5,372.4	7,177	538.6	≥8,520	3,235	5,384.3	7,084	586.8
	Male	≥11,650	3,505	5,351.4	7,148	557.8	≥11,730	3,235	5,326.2	7,084	596.3
	Missing	≥ 30	4,513	5,421.0	6,700	643.4	≥30	4,115	5,406.6	6,543	683.0
Ethnicity	American Indian or Alaskan Native	≥160	3,794	5,482.8	6,865	472.8	≥160	3,900	5,441.3	6,565	454.9
	Asian	≥1,950	3,505	5,562.6	7,177	551.2	≥1,970	3,235	5,563.6	7,084	543.5
	Black or African American	≥1,930	3,505	5,343.4	7,177	521.7	≥1,960	3,368	5,362.1	7,064	541.4
	Hispanic or Latino	≥13,020	3,505	5,328.1	7,148	549.0	≥13,070	3,235	5,308.8	6,774	604.5
	Native Hawaiian or Other Pacific Islander	≥ 20	4,538	5,371.9	6,090	430.8	≥ 20	4,055	5,406.4	6,164	520.0
	Pacific Islander	≥580	3,505	5,327.2	6,659	469.9	≥580	3,235	5,360.6	6,579	504.2
	Two or More Races	≥990	4,021	5,247.9	7,092	554.9	≥1,020	3,712	5,226.6	6,841	614.0
	White	≥1,440	3,505	5,479.4	7,177	549.9	≥1,450	3,235	5,498.5	7,084	561.2
Other/Unknown	≥40	4,044	5,271.7	6,747	571.9	≥ 40	3,650	5,285.1	6,590	623.7	

* Scale scores cannot be compared across grade bands.

Table S2.11: Summative Scale Score Summary by Subgroup - Grade 10

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,620	253	548.2	762	75.9	≥17,540	258	546.5	767	72.6
Gender	Female	≥7,690	253	551.7	762	74.5	≥7,660	258	549.8	763	70.9
	Male	≥9,900	253	545.5	762	76.8	≥9,860	258	543.9	767	73.8
	Missing	≥20	394	540.1	645	78.5	≥20	425	533.3	649	67.9
Ethnicity	American Indian or Alaskan Native	≥160	321	548.7	703	69.2	≥160	320	542.9	699	72.5
	Asian	≥2,050	253	565.7	747	70.1	≥2,040	258	565.1	763	70.7
	Black or African American	≥1,690	292	543.2	735	72.3	≥1,700	361	540.2	749	68.9
	Hispanic or Latino	≥11,140	253	545.1	762	77.7	≥11,100	258	543.4	767	73.1
	Native Hawaiian or Other Pacific Islander	≥20	310	529.2	664	86.5	≥20	363	532.9	669	73.5
	Pacific Islander	≥500	337	539.3	678	64.3	≥500	378	531.9	693	61.9
	Two or More Races	≥720	310	540.9	725	75.0	≥700	390	540.4	718	71.0
	White	≥1,280	334	561.2	758	73.4	≥1,260	370	561.2	752	73.7
Other/Unknown	≥30	395	538.6	683	74.3	≥30	418	541.8	698	72.9	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,310	297	562.5	745	75.3	≥17,420	263	540.2	770	74.8
Gender	Female	≥7,550	297	568.5	744	73.2	≥7,620	263	545.2	770	73.7
	Male	≥9,730	297	557.9	745	76.6	≥9,770	263	536.3	749	75.4
	Missing	≥20	350	553.1	661	92.6	≥20	381	535.1	645	74.4
Ethnicity	American Indian or Alaskan Native	≥160	342	545.3	718	86.3	≥160	310	538.5	704	73.8
	Asian	≥2,030	297	582.6	737	65.5	≥2,030	263	554.4	735	65.9
	Black or African American	≥1,670	317	565.2	714	65.1	≥1,690	318	534.4	712	69.5
	Hispanic or Latino	≥10,940	297	557.1	745	78.5	≥11,000	263	537.5	770	77.6
	Native Hawaiian or Other Pacific Islander	≥20	343	567.0	682	75.5	≥20	365	541.8	642	72.6
	Pacific Islander	≥490	332	548.3	701	70.3	≥500	352	538.9	674	62.4
	Two or More Races	≥690	342	563.5	719	68.4	≥700	350	533.3	721	74.9
	White	≥1,250	335	581.4	744	68.4	≥1,260	327	553.6	759	71.5
Other/Unknown	≥30	356	566.1	681	85.2	≥30	353	531.4	666	73.3	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥17,750	3,505	5,492.9	7,177	559.6	≥17,890	3,235	5,497.9	7,138	571.3
Gender	Female	≥7,750	3,505	5,511.6	7,177	546.4	≥7,810	3,235	5,534.5	7,118	559.2
	Male	≥9,980	3,505	5,478.6	7,177	569.3	≥10,060	3,235	5,469.6	7,138	578.9
	Missing	≥20	4,480	5,408.9	6,453	535.7	≥20	4,210	5,450.7	6,211	615.9
Ethnicity	American Indian or Alaskan Native	≥170	3,896	5,488.0	6,704	522.4	≥170	3,797	5,453.2	6,714	565.3
	Asian	≥2,070	3,505	5,632.1	7,177	549.7	≥2,080	3,235	5,640.5	7,012	520.5
	Black or African American	≥1,710	3,794	5,445.1	7,065	536.5	≥1,740	3,618	5,467.3	6,881	531.2
	Hispanic or Latino	≥11,210	3,505	5,472.1	7,177	564.1	≥11,280	3,235	5,469.9	7,138	586.8
	Native Hawaiian or Other Pacific Islander	≥20	3,794	5,307.7	6,435	618.6	≥20	3,900	5,398.1	6,357	656.2
	Pacific Islander	≥510	4,095	5,389.5	6,756	473.1	≥510	3,872	5,418.8	6,424	489.6
	Two or More Races	≥720	3,794	5,440.3	6,987	548.7	≥740	3,900	5,456.0	6,807	554.8
	White	≥1,290	3,967	5,590.7	7,148	561.3	≥1,300	3,843	5,616.5	7,118	552.6
Other/Unknown	≥30	4,457	5,418.1	6,647	533.6	≥30	4,190	5,450.1	6,542	591.6	

* Scale scores cannot be compared across grade bands.

Table S2.12: Summative Scale Score Summary by Subgroup - Grade 11

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥14,290	253	559.6	794	73.4	≥14,210	258	558.2	797	72.9
Gender	Female	≥6,390	253	563.4	794	72.2	≥6,360	258	561.6	797	71.3
	Male	≥7,860	253	556.7	752	74.2	≥7,810	258	555.4	756	74.2
	Missing	≥30	383	540.0	666	62.6	≥30	432	542.6	684	64.1
Ethnicity	American Indian or Alaskan Native	≥120	399	558.1	679	65.8	≥120	306	554.4	691	72.7
	Asian	≥1,800	253	567.7	742	70.9	≥1,790	258	568.9	760	71.9
	Black or African American	≥1,550	301	545.4	734	70.5	≥1,550	325	542.3	742	68.0
	Hispanic or Latino	≥8,600	253	559.0	752	74.5	≥8,560	258	557.2	759	73.1
	Native Hawaiian or Other Pacific Islander	≥10	433	545.0	632	58.9	≥10	454	530.3	612	50.2
	Pacific Islander	≥440	292	555.5	701	63.3	≥440	289	547.7	712	61.7
	Two or More Races	≥440	387	559.6	741	68.9	≥440	394	556.9	755	67.5
	White	≥1,270	253	571.5	794	75.4	≥1,250	258	573.8	797	79.5
Other/Unknown	≥20	414	560.4	657	68.3	≥20	463	579.3	675	66.5	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥13,950	297	572.4	762	72.6	≥14,120	263	551.9	795	70.9
Gender	Female	≥6,240	297	578.9	762	69.5	≥6,330	263	557.4	795	69.2
	Male	≥7,680	297	567.3	737	74.7	≥7,760	263	547.5	762	72.0
	Missing	≥20	379	561.2	652	59.6	≥20	358	541.4	641	56.7
Ethnicity	American Indian or Alaskan Native	≥110	370	565.5	697	78.2	≥120	315	548.4	670	66.8
	Asian	≥1,760	297	585.4	732	64.3	≥1,790	263	558.9	723	65.9
	Black or African American	≥1,520	324	567.9	719	66.6	≥1,540	313	538.8	720	68.5
	Hispanic or Latino	≥8,400	297	568.0	736	76.2	≥8,490	263	551.2	762	72.5
	Native Hawaiian or Other Pacific Islander	≥10	486	579.6	649	44.9	≥10	430	536.3	616	58.2
	Pacific Islander	≥430	314	568.1	715	60.3	≥440	366	555.4	687	57.3
	Two or More Races	≥430	372	577.9	735	61.3	≥440	358	552.6	709	68.1
	White	≥1,230	297	590.2	762	68.4	≥1,240	263	562.1	795	72.8
Other/Unknown	≥20	415	579.3	668	60.8	≥20	392	552.5	642	56.5	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥14,380	3,505	5,578.7	7,177	560.4	≥14,480	3,235	5,587.1	7,382	551.1
Gender	Female	≥6,430	3,505	5,597.4	7,177	547.3	≥6,470	3,235	5,626.6	7,382	536.4
	Male	≥7,920	3,505	5,564.1	7,148	570.7	≥7,970	3,235	5,555.5	7,008	561.2
	Missing	≥30	4,527	5,444.5	6,559	489.2	≥30	4,326	5,460.5	6,373	443.9
Ethnicity	American Indian or Alaskan Native	≥120	3,925	5,553.7	6,652	534.5	≥120	3,729	5,542.1	6,452	531.9
	Asian	≥1,810	3,505	5,651.3	7,177	559.0	≥1,820	3,235	5,665.9	6,937	520.3
	Black or African American	≥1,570	3,794	5,454.9	7,148	525.1	≥1,590	3,674	5,485.2	6,896	525.9
	Hispanic or Latino	≥8,650	3,505	5,575.4	7,148	562.0	≥8,690	3,235	5,575.0	7,005	562.0
	Native Hawaiian or Other Pacific Islander	≥10	4,714	5,392.7	5,957	398.3	≥10	4,732	5,508.7	5,994	402.2
	Pacific Islander	≥450	3,660	5,502.4	6,880	476.5	≥450	3,510	5,553.5	6,649	464.0
	Two or More Races	≥450	4,376	5,568.0	7,092	520.4	≥450	4,137	5,601.3	6,981	507.0
	White	≥1,270	3,505	5,683.9	7,148	603.1	≥1,280	3,235	5,694.9	7,382	567.8
Other/Unknown	≥20	4,722	5,677.9	6,550	570.7	≥20	4,605	5,626.3	6,327	481.0	

* Scale scores cannot be compared across grade bands.

Table S2.13: Summative Scale Score Summary by Subgroup - Grade 12

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥11,790	253	557.1	809	71.7	≥11,720	258	555.6	817	72.4
Gender	Female	≥5,500	253	561.3	809	70.1	≥5,440	258	559.6	817	70.2
	Male	≥6,270	253	553.2	756	72.8	≥6,250	258	552.0	772	74.0
	Missing	≥10	431	592.5	692	77.6	≥10	453	595.2	714	69.9
Ethnicity	American Indian or Alaskan Native	≥80	427	550.6	659	52.1	≥80	403	539.8	669	60.3
	Asian	≥1,730	253	565.8	809	69.6	≥1,710	258	567.1	817	71.2
	Black or African American	≥1,300	253	542.2	720	70.1	≥1,290	258	538.3	732	69.2
	Hispanic or Latino	≥7,010	253	556.5	756	72.5	≥6,970	258	555.1	772	72.1
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥290	395	561.0	719	65.3	≥290	386	555.3	732	68.9
	Two or More Races	≥290	377	556.6	706	64.7	≥290	366	553.2	729	65.5
	White	≥1,040	253	564.2	733	73.4	≥1,030	258	563.2	749	78.9
Other/Unknown	≥10	502	560.0	684	53.0	≥10	499	574.0	718	58.8	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥11,480	297	570.3	770	74.1	≥11,600	263	549.6	808	69.0
Gender	Female	≥5,340	297	577.9	770	71.4	≥5,410	263	555.2	808	66.9
	Male	≥6,120	297	563.5	722	75.8	≥6,180	263	544.7	761	70.4
	Missing	≥10	463	608.8	710	63.6	≥10	383	582.5	685	79.6
Ethnicity	American Indian or Alaskan Native	≥70	374	548.9	704	74.6	≥70	383	540.2	640	51.8
	Asian	≥1,670	297	585.2	770	65.5	≥1,700	263	556.0	808	63.6
	Black or African American	≥1,270	297	566.2	706	68.6	≥1,280	263	534.3	698	68.5
	Hispanic or Latino	≥6,840	297	565.3	735	77.1	≥6,910	263	549.9	761	70.3
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥290	345	564.5	696	71.6	≥290	352	557.9	734	65.8
	Two or More Races	≥280	340	578.4	705	67.9	≥290	349	551.0	691	63.1
	White	≥1,010	297	585.7	730	70.5	≥1,010	263	554.5	721	70.8
Other/Unknown	≥10	407	583.5	651	69.3	≥10	468	552.2	652	53.6	

* Scale scores cannot be compared across grade bands.
 * Domain tests with Exemption or Not Attempted are excluded.

Table S2.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥11,870	3505	5560.5	7177	553.9	≥11,940	3235	5568.4	7483	541.3
Gender	Female	≥ 5,520	3505	5583.5	7177	537.5	5,560	3235	5612.0	7483	524.6
	Male	≥ 6,330	3505	5539.7	7177	566.7	≥6,360	3235	5529.6	7011	552.5
	Missing	≥ 10	4640	5825.2	7058	619.1	≥10	4555	5833.2	6561	540.2
Ethnicity	American Indian or Alaskan Native	≥ 80	4441	5471.6	6777	465.5	≥80	4517	5446.7	6506	430.3
	Asian	≥1,740	3505	5640.1	7177	557.3	≥1,750	3235	5650.0	7483	515.9
	Black or African American	≥1,320	3505	5432.8	7032	529.2	≥1,330	3235	5465.1	6766	530.1
	Hispanic or Latino	≥7,050	3505	5558.3	7177	553.0	≥7,080	3235	5556.9	7011	548.3
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥290	4439	5566.0	7177	518.9	≥300	4030	5579.0	6728	502.5
	Two or More Races	≥300	4320	5541.0	6853	495.2	≥300	3942	5581.9	6754	491.5
	White	≥1,050	3505	5613.7	7148	587.3	≥1,060	3235	5642.1	6912	555.8
Other/Unknown	≥10	5144	5661.6	6958	495.4	≥10	5132	5642.8	6473	373.2	

* Scale scores cannot be compared across grade bands.

Table S2.14: Summative Summary of Domain Exemption and Not Attempted

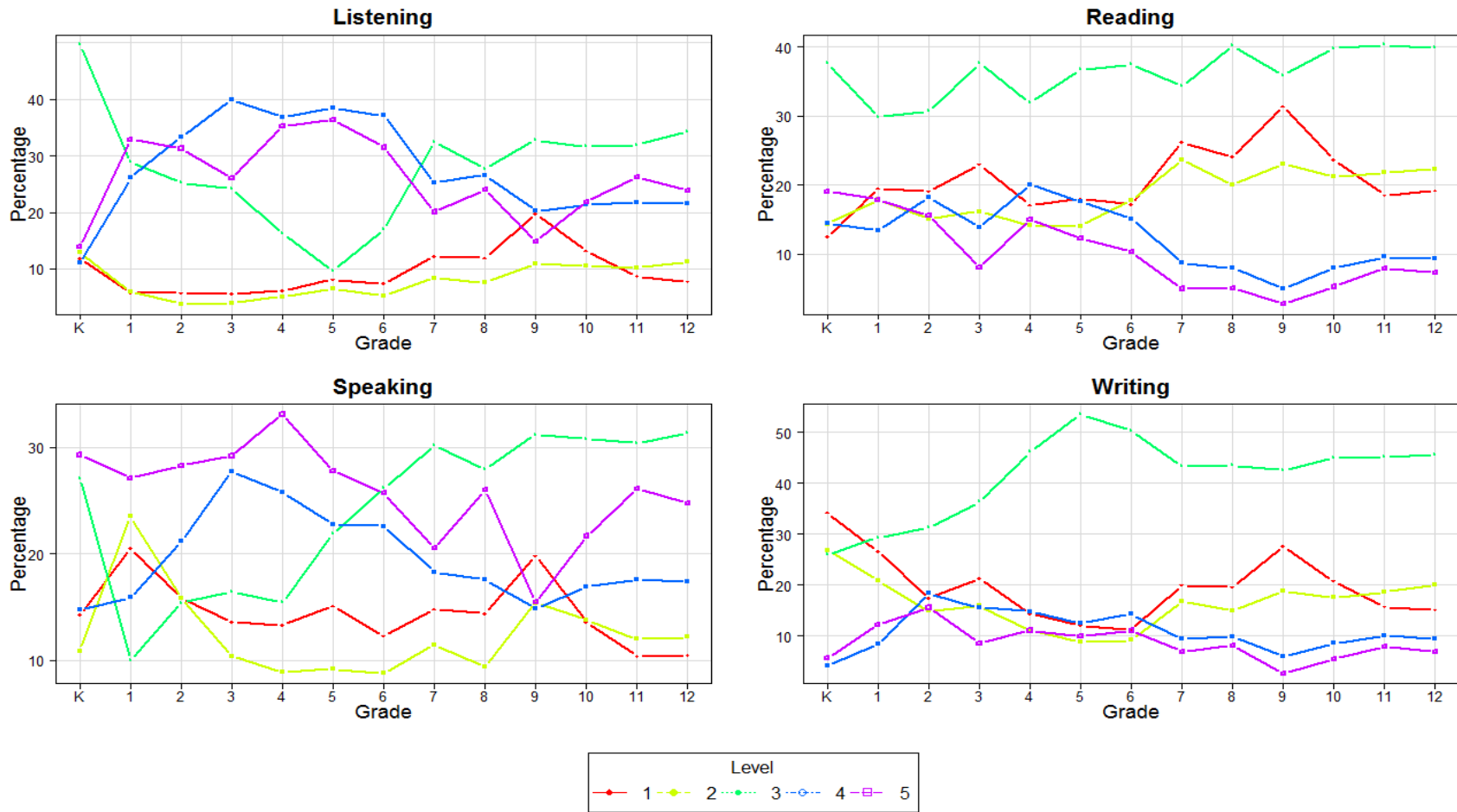
Grade	Total	Listening		Reading		Speaking		Writing	
		Exempted	Not Attempted	Exempted	Not Attempted	Exempted	Not Attempted	Exempted	Not Attempted
K	≥42,010	5 (0.0%)	286 (0.7%)	53 (0.1%)	744 (1.8%)	64 (0.2%)	1450 (3.5%)	53 (0.1%)	1260 (3.0%)
1	≥40,320	10 (0.0%)	197 (0.5%)	74 (0.2%)	483 (1.2%)	79 (0.2%)	1132 (2.8%)	65 (0.2%)	956 (2.4%)
2	≥35,370	8 (0.0%)	215 (0.6%)	91 (0.3%)	368 (1.0%)	86 (0.2%)	1126 (3.2%)	69 (0.2%)	811 (2.3%)
3	≥28,400	11 (0.0%)	136 (0.5%)	99 (0.3%)	266 (0.9%)	82 (0.3%)	719 (2.5%)	82 (0.3%)	524 (1.8%)
4	≥24,200	11 (0.0%)	132 (0.5%)	88 (0.4%)	307 (1.3%)	63 (0.3%)	740 (3.1%)	72 (0.3%)	559 (2.3%)
5	≥21,820	12 (0.1%)	168 (0.8%)	117 (0.5%)	200 (0.9%)	81 (0.4%)	605 (2.8%)	96 (0.4%)	527 (2.4%)
6	≥18,950	5 (0.0%)	303 (1.6%)	80 (0.4%)	324 (1.7%)	46 (0.2%)	796 (4.2%)	63 (0.3%)	684 (3.6%)
7	≥17,520	9 (0.1%)	267 (1.5%)	46 (0.3%)	290 (1.7%)	37 (0.2%)	764 (4.4%)	33 (0.2%)	568 (3.2%)
8	≥17,670	12 (0.1%)	378 (2.1%)	68 (0.4%)	387 (2.2%)	36 (0.2%)	804 (4.5%)	51 (0.3%)	644 (3.6%)
9	≥20,300	22 (0.1%)	269 (1.3%)	38 (0.2%)	309 (1.5%)	33 (0.2%)	627 (3.1%)	36 (0.2%)	470 (2.3%)
10	≥17,890	14 (0.1%)	257 (1.4%)	52 (0.3%)	299 (1.7%)	38 (0.2%)	545 (3.0%)	43 (0.2%)	432 (2.4%)
11	≥14,480	18 (0.1%)	174 (1.2%)	37 (0.3%)	233 (1.6%)	30 (0.2%)	496 (3.4%)	28 (0.2%)	333 (2.3%)
12	≥11,940	9 (0.1%)	145 (1.2%)	37 (0.3%)	189 (1.6%)	24 (0.2%)	441 (3.7%)	20 (0.2%)	319 (2.7%)

Section 3: Summative Assessment - Percentage of Students by Domain Performance Level

* Domain tests with Exemption or Not Attempted are excluded from counts, which only include tests assigned to domain performance levels 1-5.

* The percentages are suppressed when the N count is fewer than 10.

Figure S3.1: Summative Percentage of Students in Performance Levels



* Domain tests with Exemption or Not Attempted are excluded.

Table S3.1: Summative Performance Level by Domain - Kindergarten

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥41,720	11.8	13.0	49.9	11.2	14.1	≥41,210	12.7	14.6	38.3	14.8	19.5
Gender	Female	≥20,320	10.0	11.1	50.2	12.2	16.5	≥20,100	10.7	13.2	37.7	15.7	22.7
	Male	≥21,200	13.6	14.8	49.7	10.2	11.7	≥20,920	14.7	16.1	39.1	13.9	16.3
	Missing	≥200	14.0	11.5	44.5	12.5	17.5	≥190	14.9	12.9	28.4	22.2	21.6
Ethnicity	American Indian or Alaskan Native	≥200	9.2	12.6	62.8	10.6	4.8	≥200	10.2	18.0	46.8	14.6	10.2
	Asian	≥7,360	8.0	9.3	46.9	13.8	22.1	≥7,250	8.5	10.2	35.2	16.6	29.5
	Black or African American	≥3,790	11.4	12.1	51.6	11.1	13.8	≥3,750	12.6	14.2	39.1	14.9	19.1
	Hispanic or Latino	≥22,930	13.0	14.4	51.6	10.4	10.7	≥22,720	13.9	16.4	39.9	14.5	15.4
	Native Hawaiian or Other Pacific Islander	≥40	12.5	14.6	50.0	10.4	12.5	≥40	10.4	10.4	41.7	18.8	18.8
	Pacific Islander	≥790	16.7	19.7	54.2	5.0	4.4	≥790	16.7	21.4	45.8	8.8	7.3
	Two or More Races	≥1,690	16.5	13.5	43.3	10.4	16.2	≥1,660	17.3	14.6	33.8	12.0	22.3
	White	≥4,750	10.2	11.4	46.7	12.6	19.1	≥4,670	11.7	12.4	35.1	15.4	25.5
Other/Unknown	≥110	11.1	10.3	46.2	13.7	18.8	≥110	12.2	12.2	32.2	19.1	24.3	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.1: Summative Performance Level by Domain - Kindergarten (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥40,500	14.8	11.3	28.1	15.4	30.4	≥40,700	35.3	27.8	26.7	4.3	5.9
Gender	Female	≥19,730	12.7	10.0	26.7	15.8	34.8	≥19,830	32.7	28.9	27.6	4.2	6.6
	Male	≥20,570	16.9	12.5	29.5	15.0	26.1	≥20,670	37.8	26.7	25.9	4.4	5.2
	Missing	≥190	13.6	12.6	20.9	14.7	38.2	≥190	30.7	23.4	26.0	11.5	8.3
Ethnicity	American Indian or Alaskan Native	≥200	13.5	13.5	39.5	13.5	20.0	≥200	42.4	30.2	22.0	3.4	2.0
	Asian	≥7,090	10.6	8.9	24.8	15.4	40.3	≥7,120	19.3	22.5	37.3	8.3	12.6
	Black or African American	≥3,680	9.8	8.7	28.4	17.5	35.6	≥3,710	31.2	26.9	30.7	5.1	6.0
	Hispanic or Latino	≥22,380	17.1	12.4	29.4	15.4	25.7	≥22,460	41.8	30.3	22.0	2.6	3.3
	Native Hawaiian or Other Pacific Islander	≥40	4.3	19.1	25.5	23.4	27.7	≥40	29.2	25.0	29.2	10.4	6.3
	Pacific Islander	≥770	17.5	18.3	37.9	13.0	13.3	≥780	50.3	27.3	18.2	2.6	1.7
	Two or More Races	≥1,630	18.2	10.7	25.6	13.7	31.8	≥1,660	41.5	25.0	22.1	4.6	6.8
	White	≥4,570	13.2	10.4	25.5	14.4	36.5	≥4,580	26.3	25.4	33.4	6.0	8.9
Other/Unknown	≥100	8.7	11.7	26.2	16.5	36.9	≥110	34.2	26.3	28.9	4.4	6.1	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.2: Summative Performance Level by Domain - Grade 1

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥40,120	5.7	6.0	29.0	26.2	33.1	≥39,770	19.8	18.2	30.3	13.6	18.1
Gender	Female	≥19,480	5.1	5.2	27.6	26.6	35.6	≥19,350	18.0	17.6	30.3	14.5	19.7
	Male	≥20,500	6.3	6.7	30.5	25.9	30.6	≥20,290	21.5	18.8	30.4	12.8	16.6
	Missing	≥120	8.0	7.2	24.8	24.8	35.2	≥120	18.9	15.6	36.1	9.0	20.5
Ethnicity	American Indian or Alaskan Native	≥260	4.6	7.3	42.9	24.5	20.7	≥250	30.5	22.7	25.0	11.7	10.2
	Asian	≥6,600	4.0	4.5	21.7	22.7	47.1	≥6,500	9.7	11.6	26.9	17.7	34.2
	Black or African American	≥3,460	5.5	6.2	29.7	26.4	32.1	≥3,430	16.2	15.5	33.2	15.5	19.6
	Hispanic or Latino	≥22,840	6.2	6.6	31.4	27.8	28.1	≥22,700	23.6	21.0	31.2	11.7	12.5
	Native Hawaiian or Other Pacific Islander	≥50	9.1	7.3	18.2	20.0	45.5	≥50	12.7	16.4	25.5	18.2	27.3
	Pacific Islander	≥780	7.0	11.1	41.6	21.8	18.5	≥780	28.9	22.5	29.0	10.3	9.3
	Two or More Races	≥1,530	8.9	5.6	28.4	25.7	31.4	≥1,510	24.4	16.7	30.1	13.0	15.7
	White	≥4,470	4.6	4.0	24.9	24.2	42.2	≥4,410	13.7	15.1	29.7	16.7	24.7
Other/Unknown	≥100	6.0	3.0	22.0	29.0	40.0	≥90	15.6	15.6	30.2	13.5	25.0	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.2: Summative Performance Level by Domain - Grade 1 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥39,110	21.1	24.2	10.3	16.4	28.0	≥39,300	27.3	21.5	30.1	8.6	12.5
Gender	Female	≥19,050	18.5	22.8	10.4	16.9	31.4	≥19,130	25.0	20.9	31.0	9.4	13.8
	Male	≥19,930	23.6	25.6	10.2	15.9	24.7	≥20,050	29.5	22.0	29.3	7.9	11.3
	Missing	≥120	20.0	26.7	10.0	18.3	25.0	≥120	20.8	22.5	35.0	8.3	13.3
Ethnicity	American Indian or Alaskan Native	≥250	28.1	26.6	12.1	15.6	17.6	≥250	39.8	21.1	25.8	5.5	7.8
	Asian	≥6,330	15.0	18.5	8.9	16.0	41.6	≥6,380	13.6	15.7	33.2	12.5	25.0
	Black or African American	≥3,380	16.5	24.5	11.2	17.1	30.8	≥3,400	21.9	20.3	34.5	10.3	13.0
	Hispanic or Latino	≥22,360	24.1	26.2	10.8	16.3	22.7	≥22,480	33.1	23.7	28.0	7.0	8.2
	Native Hawaiian or Other Pacific Islander	≥50	14.5	20.0	12.7	21.8	30.9	≥50	21.8	16.4	25.5	20.0	16.4
	Pacific Islander	≥770	31.1	31.4	9.4	13.5	14.5	≥770	35.8	24.8	27.8	5.4	6.2
	Two or More Races	≥1,500	20.6	23.6	9.4	17.3	29.1	≥1,510	30.0	21.6	29.5	8.2	10.7
	White	≥4,340	16.9	21.0	9.4	17.1	35.6	≥4,340	18.5	18.8	34.0	10.9	17.8
Other/Unknown	≥ 90	14.1	17.4	10.9	17.4	40.2	≥90	24.2	13.7	31.6	8.4	22.1	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.3: Summative Performance Level by Domain - Grade 2

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥35,150	5.7	3.9	25.4	33.6	31.5	≥34,910	19.3	15.3	31.1	18.4	15.8
Gender	Female	≥16,380	5.3	3.4	24.3	33.1	33.9	≥16,310	16.8	14.4	30.7	19.5	18.6
	Male	≥18,660	6.0	4.3	26.4	33.9	29.4	≥18,510	21.6	16.1	31.5	17.5	13.3
	Missing	≥90	7.1	4.1	23.5	40.8	24.5	≥90	13.7	15.8	32.6	21.1	16.8
Ethnicity	American Indian or Alaskan Native	≥270	2.6	0.7	27.1	45.8	23.8	≥260	22.1	17.6	36.0	16.5	7.9
	Asian	≥4,990	4.0	3.3	21.5	30.3	40.9	≥4,950	11.4	10.6	29.6	23.5	25.0
	Black or African American	≥2,940	4.7	3.8	26.7	34.7	30.1	≥2,920	16.2	14.0	34.4	20.2	15.2
	Hispanic or Latino	≥20,900	6.2	4.0	26.3	34.2	29.2	≥20,830	21.9	16.9	31.0	17.1	13.1
	Native Hawaiian or Other Pacific Islander	≥40	4.4	2.2	31.1	40.0	22.2	≥40	13.3	17.8	31.1	20.0	17.8
	Pacific Islander	≥820	5.9	7.2	36.7	31.1	19.1	≥820	25.7	16.4	33.7	13.9	10.2
	Two or More Races	≥1,330	9.1	3.8	23.7	34.8	28.5	≥1,300	23.7	15.3	28.6	16.5	15.9
	White	≥3,730	4.8	3.5	22.4	32.2	37.2	≥3,690	15.0	13.3	31.2	19.9	20.6
Other/Unknown	≥70	14.3	3.9	11.7	36.4	33.8	≥70	21.3	13.3	24.0	17.3	24.0	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.3: Summative Performance Level by Domain - Grade 2 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥34,160	16.5	16.3	15.9	21.9	29.3	≥34,490	17.9	15.3	31.9	18.9	16.0
Gender	Female	≥15,990	14.2	14.6	15.6	22.3	33.3	≥16,110	14.8	14.4	31.7	20.2	18.9
	Male	≥18,070	18.5	17.9	16.2	21.5	25.8	≥18,280	20.6	16.1	32.1	17.8	13.3
	Missing	≥90	14.1	13.0	12.0	29.3	31.5	≥90	15.6	12.5	33.3	18.8	19.8
Ethnicity	American Indian or Alaskan Native	≥260	16.3	21.6	18.9	25.0	18.2	≥260	20.2	19.5	34.8	18.4	7.1
	Asian	≥4,810	13.9	13.5	14.0	21.1	37.6	≥4,900	10.6	11.2	30.2	23.4	24.6
	Black or African American	≥2,850	12.6	16.1	16.4	22.8	32.0	≥2,880	15.5	14.1	34.0	21.0	15.4
	Hispanic or Latino	≥20,430	18.0	17.3	16.5	21.9	26.3	≥20,570	20.4	16.8	32.2	17.2	13.4
	Native Hawaiian or Other Pacific Islander	≥40	20.0	10.0	12.5	27.5	30.0	≥40	11.1	13.3	28.9	26.7	20.0
	Pacific Islander	≥800	23.4	23.1	17.5	18.3	17.7	≥810	23.4	16.1	34.1	15.6	10.8
	Two or More Races	≥1,280	17.2	17.0	15.3	21.8	28.7	≥1,290	21.1	14.9	30.8	18.5	14.6
	White	≥3,590	12.5	13.2	14.3	23.2	36.8	≥3,640	12.9	13.2	31.1	21.7	21.2
Other/Unknown	≥70	15.3	12.5	15.3	20.8	36.1	≥70	17.6	18.9	21.6	20.3	21.6	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.4: Summative Performance Level by Domain - Grade 3

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥28,250	5.6	3.9	24.3	40.1	26.1	≥28,030	23.3	16.4	38.1	14.1	8.2
Gender	Female	≥12,930	5.4	3.7	23.2	39.3	28.4	≥12,850	20.6	15.1	38.8	15.3	10.2
	Male	≥15,290	5.8	4.0	25.2	40.8	24.2	≥15,150	25.6	17.4	37.4	13.1	6.5
	Missing	≥20	24.1	0.0	17.2	44.8	13.8	≥20	27.6	24.1	31.0	13.8	3.4
Ethnicity	American Indian or Alaskan Native	≥220	3.1	0.9	27.6	43.1	25.3	≥220	26.9	19.3	40.4	7.2	6.3
	Asian	≥3,260	4.6	3.4	21.9	38.4	31.6	≥3,210	16.4	12.9	39.2	17.7	13.8
	Black or African American	≥2,500	5.2	4.4	26.4	41.5	22.5	≥2,480	22.8	17.0	41.1	12.1	7.1
	Hispanic or Latino	≥17,480	5.9	3.9	24.3	40.3	25.6	≥17,380	25.0	16.9	37.4	13.5	7.2
	Native Hawaiian or Other Pacific Islander	≥50	≤1.0	2.0	30.0	48.0	20.0	≥50	12.0	18.0	40.0	20.0	10.0
	Pacific Islander	≥710	4.7	5.2	34.9	35.6	19.6	≥710	23.7	22.8	36.6	10.9	6.0
	Two or More Races	≥1,190	7.9	3.7	22.9	42.3	23.2	≥1,160	25.3	15.5	39.0	14.0	6.2
	White	≥2,760	5.0	3.6	22.9	39.1	29.4	≥2,730	20.3	14.7	37.7	16.8	10.6
Other/Unknown	≥60	8.2	6.6	18.0	41.0	26.2	≥60	26.7	13.3	43.3	8.3	8.3	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.4: Summative Performance Level by Domain - Grade 3 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥27,600	13.9	10.7	16.9	28.5	30.0	≥27,790	21.8	16.3	37.1	16.0	8.8
Gender	Female	≥12,630	12.3	9.7	15.4	28.8	33.9	≥12,750	19.1	15.2	37.0	17.5	11.2
	Male	≥14,930	15.4	11.5	18.2	28.2	26.7	≥15,010	24.1	17.2	37.3	14.7	6.8
	Missing	≥20	21.4	14.3	28.6	14.3	21.4	≥20	25.0	17.9	42.9	7.1	7.1
Ethnicity	American Indian or Alaskan Native	≥220	15.4	12.7	19.9	32.6	19.5	≥220	28.3	17.0	38.6	9.0	7.2
	Asian	≥3,160	12.1	9.0	15.4	27.3	36.2	≥3,180	15.1	14.1	37.2	20.1	13.5
	Black or African American	≥2,440	12.4	11.1	18.6	28.3	29.6	≥2,430	20.9	17.2	39.2	15.3	7.4
	Hispanic or Latino	≥17,160	14.7	11.0	17.0	29.0	28.2	≥17,280	23.5	16.8	36.7	15.1	7.8
	Native Hawaiian or Other Pacific Islander	≥50	4.0	8.0	22.0	40.0	26.0	≥50	6.0	16.0	42.0	26.0	10.0
	Pacific Islander	≥700	15.8	16.4	21.5	25.5	20.9	≥700	21.9	19.3	40.3	12.2	6.3
	Two or More Races	≥1,140	15.2	9.4	18.3	28.1	28.9	≥1,160	24.1	15.0	37.2	16.5	7.1
	White	≥2,650	11.5	9.1	14.2	26.9	38.3	≥2,690	18.3	14.4	36.7	18.1	12.5
Other/Unknown	≥60	13.3	6.7	15.0	33.3	31.7	≥50	18.6	11.9	42.4	16.9	10.2	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.5: Summative Performance Level by Domain - Grade 4

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥24,050	6.1	5.2	16.3	37.1	35.4	≥23,800	17.4	14.4	32.5	20.5	15.2
Gender	Female	≥10,530	5.6	4.7	15.5	37.1	37.0	≥10,440	15.3	13.4	33.0	22.1	16.3
	Male	≥13,460	6.4	5.5	16.9	37.1	34.1	≥13,300	19.0	15.2	32.1	19.2	14.4
	Missing	≥50	19.3	7.0	12.3	33.3	28.1	≥50	33.9	8.9	35.7	8.9	12.5
Ethnicity	American Indian or Alaskan Native	≥260	2.6	5.6	26.1	41.0	24.6	≥250	21.6	24.7	34.0	14.7	5.0
	Asian	≥2,520	5.8	4.3	13.3	33.1	43.6	≥2,490	13.3	11.5	29.1	23.5	22.6
	Black or African American	≥1,940	6.6	4.0	16.1	39.9	33.4	≥1,910	16.9	15.0	34.5	20.2	13.4
	Hispanic or Latino	≥15,420	6.0	5.4	16.2	37.5	34.9	≥15,300	17.8	14.4	33.0	20.3	14.5
	Native Hawaiian or Other Pacific Islander	≥30	3.3	10.0	6.7	50.0	30.0	≥30	13.3	13.3	40.0	20.0	13.3
	Pacific Islander	≥620	5.6	7.4	24.0	40.8	22.1	≥610	20.1	17.2	37.1	16.5	9.1
	Two or More Races	≥960	8.3	5.9	16.6	34.9	34.2	≥940	21.3	15.0	31.2	19.1	13.4
	White	≥2,240	6.2	4.8	16.5	35.6	36.9	≥2,210	16.5	14.8	30.3	21.3	17.1
Other/Unknown	≥40	16.7	2.4	16.7	40.5	23.8	≥40	23.3	14.0	37.2	11.6	14.0	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.5: Summative Performance Level by Domain - Grade 4 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥23,390	13.8	9.2	16.0	26.7	34.3	≥23,570	14.7	11.4	47.3	15.2	11.4
Gender	Female	≥10,280	11.8	7.6	15.0	27.3	38.3	≥10,350	12.5	10.3	47.3	16.8	13.1
	Male	≥13,060	15.3	10.5	16.9	26.2	31.1	≥13,160	16.3	12.3	47.4	14.0	10.0
	Missing	≥50	32.1	8.9	16.1	19.6	23.2	≥50	29.8	8.8	38.6	14.0	8.8
Ethnicity	American Indian or Alaskan Native	≥260	20.3	18.8	17.7	28.6	14.7	≥250	17.2	17.2	53.1	9.4	3.1
	Asian	≥2,430	12.1	8.4	15.1	25.7	38.7	≥2,450	10.8	10.3	44.7	17.7	16.6
	Black or African American	≥1,880	12.5	8.6	17.1	27.0	34.7	≥1,880	13.7	11.2	51.2	14.2	9.7
	Hispanic or Latino	≥15,040	14.1	9.1	16.2	27.0	33.5	≥15,180	15.3	11.4	47.5	15.1	10.7
	Native Hawaiian or Other Pacific Islander	≥20	10.3	10.3	10.3	31.0	37.9	≥30	10.0	10.0	56.7	10.0	13.3
	Pacific Islander	≥600	15.7	10.8	19.0	29.2	25.3	≥600	16.1	13.6	48.9	12.5	8.8
	Two or More Races	≥920	16.2	8.4	16.0	27.0	32.3	≥920	18.4	12.3	47.3	12.9	9.1
	White	≥2,170	12.3	9.9	13.9	24.2	39.8	≥2,180	12.8	11.8	44.6	16.5	14.3
Other/Unknown	≥40	18.6	11.6	18.6	18.6	32.6	≥40	26.8	4.9	46.3	12.2	9.8	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.6: Summative Performance Level by Domain - Grade 5

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥21,640	8.2	6.5	9.8	38.8	36.7	≥21,500	18.2	14.3	37.2	17.8	12.4
Gender	Female	≥9,610	7.7	6.4	9.6	38.5	37.8	≥9,550	16.1	13.7	37.9	18.6	13.7
	Male	≥11,970	8.5	6.7	10.0	39.1	35.8	≥11,900	19.9	14.8	36.6	17.2	11.4
	Missing	≥50	19.2	1.9	5.8	26.9	46.2	≥50	19.6	5.9	41.2	23.5	9.8
Ethnicity	American Indian or Alaskan Native	≥260	3.1	6.9	16.5	49.2	24.2	≥259	19.7	22.8	39.8	10.4	7.3
	Asian	≥2,140	7.6	7.0	8.5	34.8	42.1	≥2,110	15.7	11.8	35.9	20.0	16.6
	Black or African American	≥1,810	10.6	6.9	10.9	38.2	33.4	≥1,790	21.4	14.2	37.5	15.8	11.2
	Hispanic or Latino	≥14,080	7.9	6.3	9.5	39.6	36.7	≥14,020	18.1	14.2	37.5	18.2	12.1
	Native Hawaiian or Other Pacific Islander	≥30	16.7	0.0	10.0	46.7	26.7	≥20	14.8	11.1	59.3	7.4	7.4
	Pacific Islander	≥590	9.8	10.6	14.5	39.5	25.6	≥590	21.4	18.4	37.9	13.1	9.2
	Two or More Races	≥870	8.9	6.4	12.0	38.5	34.2	≥850	18.3	16.6	38.7	16.1	10.3
	White	≥1,800	8.5	6.5	8.8	36.3	39.8	≥1,800	18.0	14.6	34.5	18.1	14.8
Other/Unknown	≥40	5.0	5.0	10.0	32.5	47.5	≥40	12.5	17.5	37.5	30.0	2.5	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.6: Summative Performance Level by Domain - Grade 5 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥21,140	15.6	9.5	22.6	23.5	28.7	≥21,200	12.5	9.2	55.1	12.9	10.3
Gender	Female	≥9,360	13.8	8.2	22.1	23.8	32.1	≥9,420	11.1	8.4	54.5	14.1	12.0
	Male	≥11,720	17.1	10.6	23.0	23.3	26.0	≥11,730	13.6	9.9	55.5	12.0	9.0
	Missing	≥50	19.6	7.8	33.3	21.6	17.6	≥50	23.5	0.0	54.9	13.7	7.8
Ethnicity	American Indian or Alaskan Native	≥230	16.2	22.1	25.5	22.6	13.6	≥240	12.0	13.3	61.8	6.2	6.6
	Asian	≥2,070	14.4	8.9	21.9	23.8	31.0	≥2,080	10.1	9.1	54.1	12.4	14.2
	Black or African American	≥1,780	16.9	9.8	20.9	24.8	27.6	≥1,760	14.2	10.9	53.8	11.5	9.5
	Hispanic or Latino	≥13,800	15.5	9.4	22.8	23.7	28.6	≥13,840	12.7	8.7	55.6	13.3	9.7
	Native Hawaiian or Other Pacific Islander	≥20	24.1	3.4	20.7	24.1	27.6	≥20	10.7	14.3	57.1	7.1	10.7
	Pacific Islander	≥580	19.5	10.6	28.5	22.0	19.5	≥580	12.5	13.0	56.1	8.9	9.6
	Two or More Races	≥820	14.8	10.2	26.1	22.4	26.6	≥830	12.2	9.4	57.4	13.5	7.5
	White	≥1,760	15.4	8.5	20.3	21.7	34.0	≥1,770	12.1	9.5	50.7	13.9	13.7
Other/Unknown	≥40	15.0	12.5	15.0	20.0	37.5	≥40	5.0	12.5	62.5	12.5	7.5	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.7: Summative Performance Level by Domain - Grade 6

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≤18,640	7.5	5.4	17.3	37.8	32.0	≥18,550	17.6	18.2	38.3	15.4	10.5
Gender	Female	≥8,080	7.3	5.3	17.7	39.0	30.7	≥8,060	16.1	18.1	39.9	16.2	9.8
	Male	≥10,520	7.6	5.5	17.0	36.8	33.1	≥10,450	18.7	18.2	37.2	14.8	11.1
	Missing	≥30	14.3	8.6	17.1	45.7	14.3	≥30	22.9	20.0	37.1	14.3	5.7
Ethnicity	American Indian or Alaskan Native	≥220	1.4	2.7	24.3	52.7	18.9	≥220	15.9	27.4	41.6	8.4	6.6
	Asian	≥1,880	6.1	4.9	16.1	33.4	39.5	≥1,860	13.4	14.9	34.4	18.7	18.7
	Black or African American	≥1,570	5.8	6.1	20.4	38.2	29.5	≥1,550	17.6	18.9	38.4	15.8	9.3
	Hispanic or Latino	≥12,130	8.5	5.4	16.9	38.0	31.3	≥12,080	18.6	18.4	38.9	14.8	9.3
	Native Hawaiian or Other Pacific Islander	≥20	≤1.0	8.7	26.1	43.5	21.7	≥20	26.1	21.7	26.1	26.1	≤1.0
	Pacific Islander	≥530	4.9	6.4	23.3	38.6	26.8	≥530	19.6	18.6	40.2	14.5	7.1
	Two or More Races	≥760	7.0	8.0	18.9	38.9	27.1	≥740	18.2	20.5	37.3	15.6	8.5
	White	≥1,480	5.2	4.6	15.2	37.5	37.5	≥1,480	13.6	16.9	38.4	17.1	14.0
Other/Unknown	≥30	10.0	≤1.0	6.7	36.7	46.7	≥20	6.9	13.8	44.8	17.2	17.2	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.7: Summative Performance Level by Domain - Grade 6 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥18,110	12.8	9.2	27.4	23.6	26.8	≥18,200	11.6	9.6	52.4	14.8	11.6
Gender	Female	≥7,860	12.2	8.1	25.7	24.5	29.5	≥7,920	10.2	8.7	51.8	15.7	13.6
	Male	≥10,210	13.3	10.1	28.8	23.0	24.8	≥10,250	12.7	10.2	52.8	14.2	10.0
	Missing	≥30	25.0	5.6	27.8	25.0	16.7	≥30	18.2	9.1	66.7	6.1	≤1.0
Ethnicity	American Indian or Alaskan Native	≥190	18.1	14.6	30.7	19.6	17.1	≥200	7.8	11.8	64.2	11.8	4.4
	Asian	≥1,790	10.8	8.2	23.2	22.3	35.4	≥1,800	8.9	8.5	49.0	16.5	17.1
	Black or African American	≥1,530	11.2	11.1	28.3	23.6	25.8	≥1,530	9.7	12.1	52.3	14.8	11.1
	Hispanic or Latino	≥11,860	13.8	9.0	28.2	24.0	25.0	≥11,900	12.7	9.3	52.7	14.6	10.6
	Native Hawaiian or Other Pacific Islander	≥20	≤1.0	31.8	22.7	27.3	18.2	≥20	13.0	17.4	52.2	13.0	4.3
	Pacific Islander	≥510	13.4	12.4	32.8	22.5	19.0	≥520	11.5	10.7	52.8	13.6	11.5
	Two or More Races	≥720	13.2	11.8	25.7	23.9	25.5	≥730	13.4	10.8	52.5	13.8	9.6
	White	≥1,430	8.4	6.9	23.8	23.1	37.8	≥1,450	7.8	8.5	52.1	16.2	15.3
Other/Unknown	≥20	3.7	11.1	25.9	29.6	29.6	≥20	3.7	3.7	59.3	11.1	22.2	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.8: Summative Performance Level by Domain - Grade 7

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥17,250	12.4	8.5	33.0	25.6	20.5	≥17,190	26.8	24.2	35.1	8.8	5.1
Gender	Female	≥7,500	12.3	8.8	33.5	24.5	20.9	≥7,470	24.8	24.2	35.9	9.5	5.4
	Male	≥9,730	12.4	8.3	32.7	26.5	20.1	≥9,690	28.2	24.1	34.5	8.3	4.9
	Missing	≥10	33.3	5.6	27.8	22.2	11.1	≥10	41.2	17.6	29.4	5.9	5.9
Ethnicity	American Indian or Alaskan Native	≥210	5.6	6.6	44.6	25.8	17.4	≥210	27.0	28.0	32.7	7.6	4.7
	Asian	≥1,640	8.3	9.6	30.8	25.5	25.8	≥1,630	21.0	21.4	35.7	11.2	10.7
	Black or African American	≥1,460	11.8	8.6	35.2	24.6	19.8	≥1,460	25.0	23.7	37.4	9.4	4.5
	Hispanic or Latino	≥11,320	13.6	8.2	32.8	25.8	19.6	≥11,290	28.4	24.4	34.6	8.4	4.2
	Native Hawaiian or Other Pacific Islander	≥30	9.7	6.5	45.2	22.6	16.1	≥30	29.0	19.4	41.9	3.2	6.5
	Pacific Islander	≥530	7.1	8.8	41.3	25.5	17.3	≥530	23.7	32.3	35.3	5.8	3.0
	Two or More Races	≥710	17.6	8.7	33.8	22.9	17.0	≥700	30.9	23.0	34.3	7.9	3.8
	White	≥1,300	8.0	9.6	29.2	27.0	26.2	≥1,300	20.6	22.9	37.2	11.0	8.2
Other/Unknown	≥10	5.9	23.5	35.3	17.6	17.6	≥10	22.2	33.3	33.3	5.6	5.6	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.8: Summative Performance Level by Domain - Grade 7 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥16,720	15.5	12.1	31.7	19.2	21.6	≥16,920	20.7	17.4	44.9	9.8	7.2
Gender	Female	≥7,300	14.5	10.5	30.0	20.3	24.8	≥7,380	19.1	15.4	45.4	11.1	9.0
	Male	≥9,400	16.2	13.3	33.0	18.4	19.1	≥9,520	21.9	18.9	44.6	8.8	5.8
	Missing	≥10	29.4	11.8	11.8	17.6	29.4	≥10	33.3	16.7	38.9	5.6	5.6
Ethnicity	American Indian or Alaskan Native	≥190	18.5	15.9	30.8	18.5	16.4	≥190	15.9	17.4	50.8	8.2	7.7
	Asian	≥1,570	11.2	10.7	28.8	20.1	29.2	≥1,590	17.4	17.1	44.9	10.7	10.0
	Black or African American	≥1,430	14.1	11.5	32.1	19.5	22.7	≥1,430	19.5	20.0	44.6	9.2	6.7
	Hispanic or Latino	≥11,060	16.5	12.4	32.3	19.0	19.9	≥11,150	21.8	17.4	44.6	9.7	6.6
	Native Hawaiian or Other Pacific Islander	≥30	6.7	23.3	43.3	13.3	13.3	≥30	19.4	22.6	38.7	9.7	9.7
	Pacific Islander	≥510	11.1	16.6	35.5	17.0	19.7	≥520	15.2	18.6	48.5	10.4	7.4
	Two or More Races	≥660	20.8	10.6	31.9	21.4	15.3	≥690	26.1	15.8	43.8	9.3	5.1
	White	≥1,230	11.6	10.0	27.4	19.6	31.4	≥1,280	16.5	15.2	46.7	10.9	10.8
Other/Unknown	≥10	20.0	6.7	33.3	26.7	13.3	≥10	18.8	18.8	43.8	12.5	6.3	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.9: Summative Performance Level by Domain - Grade 8

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥17,280	12.2	7.8	28.3	27.2	24.5	≥17,210	24.8	20.5	41.2	8.2	5.2
Gender	Female	≥7,420	11.9	8.0	28.0	26.5	25.6	≥7,410	23.0	20.0	42.7	8.6	5.7
	Male	≥9,810	12.4	7.6	28.5	27.7	23.7	≥9,760	26.0	21.0	40.1	7.9	4.9
	Missing	≥30	18.9	16.2	29.7	18.9	16.2	≥30	45.9	10.8	32.4	5.4	5.4
Ethnicity	American Indian or Alaskan Native	≥190	7.7	6.7	37.6	28.4	19.6	≥180	23.4	26.6	40.8	5.4	3.8
	Asian	≥1,670	7.2	7.3	27.8	25.9	31.9	≥1,670	18.3	18.5	42.8	11.1	9.4
	Black or African American	≥1,450	10.6	11.2	30.2	26.3	21.6	≥1,450	26.7	20.7	38.4	9.0	5.2
	Hispanic or Latino	≥11,300	13.7	7.4	27.3	27.7	23.9	≥11,260	25.7	20.4	41.6	7.7	4.6
	Native Hawaiian or Other Pacific Islander	≥20	4.0	12.0	44.0	20.0	20.0	≥20	20.8	25.0	41.7	8.3	4.2
	Pacific Islander	≥520	7.2	9.9	37.9	24.4	20.6	≥530	23.9	28.1	40.3	5.8	1.9
	Two or More Races	≥770	15.7	8.7	27.7	23.9	24.0	≥760	29.4	19.3	37.7	8.5	5.0
	White	≥1,300	8.6	6.6	30.8	27.9	26.1	≥1,290	20.6	21.1	42.0	8.8	7.6
Other/Unknown	≥30	17.6	11.8	20.6	20.6	29.4	≥30	37.1	5.7	37.1	14.3	5.7	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.9: Summative Performance Level by Domain - Grade 8 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥16,830	15.1	9.8	29.3	18.4	27.3	≥16,970	20.4	15.6	45.3	10.3	8.5
Gender	Female	≥7,240	14.0	8.8	26.9	18.6	31.7	≥7,300	18.9	14.0	44.3	11.9	10.8
	Male	≥9,550	15.9	10.7	31.1	18.3	24.0	≥9,630	21.5	16.7	46.1	9.0	6.7
	Missing	≥30	18.9	5.4	45.9	13.5	16.2	≥30	25.0	30.6	27.8	8.3	8.3
Ethnicity	American Indian or Alaskan Native	≥170	11.0	14.5	41.6	15.0	17.9	≥180	14.4	23.9	47.2	7.8	6.7
	Asian	≥1,620	9.3	9.3	25.3	19.7	36.3	≥1,640	15.5	16.4	44.3	12.4	11.4
	Black or African American	≥1,390	12.7	11.9	29.7	17.2	28.4	≥1,420	21.7	17.3	44.5	8.3	8.2
	Hispanic or Latino	≥11,080	16.6	9.6	29.7	18.3	25.7	≥11,120	21.4	14.8	45.4	10.3	8.1
	Native Hawaiian or Other Pacific Islander	≥20	16.7	8.3	29.2	37.5	8.3	≥20	24.0	12.0	56.0	4.0	4.0
	Pacific Islander	≥500	12.8	13.8	36.7	21.4	15.3	≥520	16.7	20.0	49.2	8.7	5.4
	Two or More Races	≥730	19.0	10.3	25.8	18.6	26.2	≥750	25.3	16.9	40.5	10.8	6.5
	White	≥1,240	10.6	8.0	28.0	18.1	35.3	≥1,270	15.2	15.7	47.9	10.2	11.0
Other/Unknown	≥30	22.9	8.6	20.0	11.4	37.1	≥30	37.1	2.9	42.9	8.6	8.6	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.10: Summative Performance Level by Domain - Grade 9

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥20,010	19.9	11.1	33.3	20.5	15.1	≥19,950	31.9	23.5	36.6	5.1	2.9
Gender	Female	≥8,410	18.7	11.2	33.7	20.9	15.6	≥8,380	29.8	24.1	37.9	5.3	2.9
	Male	≥11,550	20.8	11.0	33.1	20.3	14.7	≥11,520	33.4	23.1	35.6	4.9	2.9
	Missing	≥30	30.6	11.1	19.4	13.9	25.0	≥30	35.9	12.8	35.9	7.7	7.7
Ethnicity	American Indian or Alaskan Native	≥160	4.3	14.1	47.2	23.3	11.0	≥150	18.4	31.0	43.7	3.8	3.2
	Asian	≥1,930	9.6	8.4	34.0	23.6	24.4	≥1,920	18.9	22.1	43.9	8.4	6.7
	Black or African American	≥1,890	16.5	13.8	37.2	19.5	12.9	≥1,910	31.6	27.3	33.7	5.3	2.1
	Hispanic or Latino	≥12,950	22.7	10.7	32.2	20.2	14.1	≥12,910	34.4	22.9	35.9	4.4	2.3
	Native Hawaiian or Other Pacific Islander	≥20	9.5	14.3	42.9	23.8	9.5	≥20	25.0	35.0	40.0	≤1.0	≤1.0
	Pacific Islander	≥570	13.0	14.7	39.7	21.2	11.4	≥570	30.4	30.1	35.5	2.9	≤1.0
	Two or More Races	≥980	29.0	12.1	30.5	17.1	11.3	≥980	40.3	23.9	29.8	3.4	2.6
	White	≥1,430	11.6	11.5	34.7	22.8	19.3	≥1,410	24.2	21.9	41.0	8.0	4.8
Other/Unknown	≥40	20.0	17.5	40.0	15.0	7.5	≥30	35.9	30.8	23.1	5.1	5.1	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.10: Summative Performance Level by Domain - Grade 9 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥19,640	20.5	15.9	32.2	15.4	16.0	≥19,790	28.3	19.3	43.5	6.1	2.8
Gender	Female	≥8,250	18.7	15.2	31.0	16.9	18.2	≥8,330	26.5	18.1	45.3	7.0	3.1
	Male	≥11,350	21.8	16.5	33.2	14.2	14.3	≥11,420	29.6	20.2	42.3	5.4	2.5
	Missing	≥30	22.2	11.1	22.2	19.4	25.0	≥30	38.9	0.0	44.4	8.3	8.3
Ethnicity	American Indian or Alaskan Native	≥150	17.3	13.3	44.7	16.0	8.7	≥150	13.4	30.6	49.7	4.5	1.9
	Asian	≥1,900	10.3	11.8	32.3	19.7	25.9	≥1,910	17.6	20.1	48.2	9.1	4.9
	Black or African American	≥1,870	13.1	18.7	37.0	16.4	14.8	≥1,880	27.3	23.6	42.3	4.7	2.1
	Hispanic or Latino	≥12,710	23.9	16.2	31.0	14.6	14.3	≥12,820	30.6	18.2	43.0	5.8	2.5
	Native Hawaiian or Other Pacific Islander	≥10	15.8	15.8	26.3	26.3	15.8	≥10	21.1	26.3	47.4	5.3	≤1.0
	Pacific Islander	≥560	15.5	20.1	38.8	14.1	11.6	≥570	23.7	22.5	46.8	4.9	2.1
	Two or More Races	≥970	27.5	15.6	32.4	12.8	11.8	≥970	37.6	19.3	36.5	4.3	2.3
	White	≥1,400	11.4	14.3	32.5	16.9	24.9	≥1,400	20.2	20.0	47.3	8.2	4.2
Other/Unknown	≥30	13.2	23.7	28.9	15.8	18.4	≥30	42.1	18.4	31.6	2.6	5.3	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.11: Summative Performance Level by Domain - Grade 10

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥17,620	13.4	10.6	32.1	21.6	22.3	≥17,540	24.2	21.6	40.6	8.2	5.4
Gender	Female	≥7,690	12.2	10.3	31.8	22.6	23.1	≥7,660	22.3	21.5	42.5	8.3	5.5
	Male	≥9,900	14.3	10.9	32.4	20.8	21.6	≥9,860	25.7	21.7	39.1	8.1	5.4
	Missing	≥20	17.4	8.7	21.7	39.1	13.0	≥20	27.3	22.7	45.5	4.5	≤1.0
Ethnicity	American Indian or Alaskan Native	≥160	8.4	9.6	43.1	21.6	17.4	≥160	24.6	22.8	40.7	6.0	6.0
	Asian	≥2,050	6.6	9.4	32.7	21.9	29.4	≥2,040	15.2	21.9	43.3	11.1	8.6
	Black or African American	≥1,690	13.1	11.5	34.8	22.2	18.3	≥1,700	26.9	23.9	38.4	6.9	3.8
	Hispanic or Latino	≥11,140	15.4	10.4	31.0	21.5	21.7	≥11,100	25.8	20.8	40.7	7.9	4.8
	Native Hawaiian or Other Pacific Islander	≥20	17.4	17.4	30.4	17.4	17.4	≥20	22.7	27.3	36.4	9.1	4.5
	Pacific Islander	≥500	10.1	12.8	40.9	22.7	13.4	≥500	26.0	30.5	36.0	5.5	2.0
	Two or More Races	≥720	14.4	12.9	34.9	18.2	19.6	≥700	26.1	24.7	36.9	6.5	5.8
	White	≥1,280	8.2	11.1	31.1	22.8	26.7	≥1,260	19.4	19.4	42.1	9.8	9.3
Other/Unknown	≥30	15.6	6.3	43.8	18.8	15.6	≥30	25.0	37.5	18.8	15.6	3.1	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.11: Summative Performance Level by Domain - Grade 10 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥17,310	14.1	14.3	31.9	17.4	22.4	≥17,420	21.3	18.1	46.1	8.9	5.6
Gender	Female	≥7,550	12.1	13.7	31.2	18.0	24.9	≥7,620	19.5	17.0	47.7	9.5	6.3
	Male	≥9,730	15.5	14.7	32.3	16.9	20.5	≥9,770	22.8	18.9	44.9	8.4	5.1
	Missing	≥20	22.7	4.5	27.3	31.8	13.6	≥20	27.3	13.6	40.9	13.6	4.5
Ethnicity	American Indian or Alaskan Native	≥160	19.9	12.4	32.9	16.1	18.6	≥166	18.1	21.1	50.6	4.2	6.0
	Asian	≥2,030	7.3	10.9	31.8	18.9	31.1	≥2,030	14.3	19.9	47.9	11.1	6.8
	Black or African American	≥1,670	10.4	16.9	34.7	18.2	19.8	≥1,690	22.9	21.2	45.5	6.6	3.8
	Hispanic or Latino	≥10,940	16.4	14.5	31.1	17.2	20.8	≥11,000	22.9	16.9	45.8	8.7	5.6
	Native Hawaiian or Other Pacific Islander	≥20	9.1	13.6	36.4	9.1	31.8	≥20	18.2	27.3	31.8	13.6	9.1
	Pacific Islander	≥490	15.4	19.2	39.1	13.6	12.6	≥500	17.8	22.6	51.1	7.1	1.4
	Two or More Races	≥690	12.5	15.8	35.2	15.8	20.8	≥700	24.6	21.2	40.8	7.5	5.8
	White	≥1,250	8.9	11.6	29.5	19.1	31.0	≥1,260	16.9	16.8	46.9	11.4	8.0
Other/Unknown	≥30	16.7	13.3	23.3	16.7	30.0	≥30	21.2	21.2	45.5	6.1	6.1	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.12: Summative Performance Level by Domain - Grade 11

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥14,290	8.8	10.3	32.3	22.1	26.5	≥14,210	18.8	22.2	41.1	9.8	8.1
Gender	Female	≥6,390	7.9	9.7	31.5	22.9	28.0	≥6,360	16.8	21.9	43.0	10.2	8.1
	Male	≥7,860	9.5	10.8	32.8	21.5	25.4	≥7,810	20.4	22.5	39.5	9.5	8.1
	Missing	≥30	9.4	9.4	56.3	9.4	15.6	≥30	20.0	23.3	50.0	3.3	3.3
Ethnicity	American Indian or Alaskan Native	≥120	7.4	10.7	29.8	33.9	18.2	≥120	22.8	22.0	41.5	6.5	7.3
	Asian	≥1,800	5.8	8.5	34.4	21.8	29.5	≥1,790	13.5	22.9	40.8	12.1	10.8
	Black or African American	≥1,550	10.3	11.9	39.2	20.3	18.2	≥1,550	22.6	28.8	36.9	6.3	5.3
	Hispanic or Latino	≥8,600	9.8	10.2	30.8	22.2	27.1	≥8,560	19.6	21.2	41.7	9.9	7.5
	Native Hawaiian or Other Pacific Islander	≥10	6.7	13.3	46.7	20.0	13.3	≥10	20.0	40.0	40.0	≤1.0	≤1.0
	Pacific Islander	≥440	5.6	12.1	37.5	27.0	17.9	≥440	17.8	26.5	47.6	5.6	2.5
	Two or More Races	≥440	7.0	11.3	34.0	23.0	24.8	≥440	16.9	23.1	44.5	10.3	5.2
	White	≥1,270	6.4	10.8	28.7	21.2	33.0	≥1,250	16.9	18.2	38.3	11.4	15.2
	Other/Unknown	≥20	4.0	16.0	32.0	20.0	28.0	≥20	13.0	17.4	43.5	17.4	8.7

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.12: Summative Performance Level by Domain - Grade 11 (cont.)

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥13,950	10.7	12.5	31.5	18.2	27.0	≥14,120	16.1	19.1	46.3	10.3	8.2
Gender	Female	≥6,240	9.3	11.4	30.4	18.7	30.2	≥6,330	14.3	18.1	47.3	11.2	9.1
	Male	≥7,680	12.0	13.3	32.3	17.9	24.5	≥7,760	17.6	19.9	45.4	9.6	7.4
	Missing	≥20	7.1	10.7	60.7	7.1	14.3	≥20	6.9	34.5	55.2	0.0	3.4
Ethnicity	American Indian or Alaskan Native	≥110	14.5	12.0	31.6	12.0	29.9	≥120	16.7	17.5	53.3	8.3	4.2
	Asian	≥1,760	6.4	10.5	31.5	18.9	32.7	≥1,790	11.8	21.5	46.2	10.1	10.4
	Black or African American	≥1,520	9.3	16.0	36.1	17.1	21.5	≥1,540	19.8	23.5	43.7	7.2	5.8
	Hispanic or Latino	≥8,400	12.9	12.0	31.0	18.3	25.7	≥8,490	17.0	18.0	46.2	11.0	7.8
	Native Hawaiian or Other Pacific Islander	≥10	≤1.0	12.5	37.5	31.3	18.8	≥10	13.3	33.3	46.7	6.7	≤1.0
	Pacific Islander	≥430	6.5	19.6	36.9	17.5	19.6	≥440	11.3	21.4	54.9	8.1	4.3
	Two or More Races	≥430	7.1	13.3	35.2	17.9	26.4	≥440	13.6	20.1	48.0	11.8	6.6
	White	≥1,230	7.0	10.9	26.1	18.6	37.4	≥1,240	14.4	16.2	46.2	10.4	12.8
Other/Unknown	≥20	4.5	18.2	27.3	18.2	31.8	≥20	8.7	30.4	47.8	8.7	4.3	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.13: Summative Performance Level by Domain - Grade 12

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥11,790	7.8	11.4	34.8	21.8	24.2	≥11,720	19.6	22.7	40.7	9.5	7.5
Gender	Female	≥5,500	6.6	10.7	34.6	22.6	25.5	≥5,440	17.3	22.5	42.7	9.7	7.7
	Male	≥6,270	8.8	12.1	34.9	21.1	23.1	≥6,250	21.6	22.9	38.9	9.3	7.4
	Missing	≥10	11.8	0.0	29.4	17.6	41.2	≥10	5.9	17.6	47.1	17.6	11.8
Ethnicity	American Indian or Alaskan Native	≥80	2.5	9.9	46.9	29.6	11.1	≥80	17.3	28.4	48.1	3.7	2.5
	Asian	≥1,730	5.3	10.3	34.8	21.6	27.9	≥1,710	14.8	21.8	42.1	11.3	10.0
	Black or African American	≥1,300	9.6	16.2	36.2	20.1	17.9	≥1,290	26.9	27.3	34.3	7.6	3.9
	Hispanic or Latino	≥7,010	8.6	10.9	33.9	22.4	24.2	≥6,970	19.7	21.9	41.8	9.6	7.0
	Native Hawaiian or Other Pacific Islander	<10						<10					
	Pacific Islander	≥290	5.7	8.1	40.9	23.6	21.6	≥290	15.9	26.4	43.7	6.1	7.8
	Two or More Races	≥290	6.4	10.4	39.4	21.2	22.6	≥290	16.4	26.8	43.5	9.4	4.0
	White	≥1,040	5.8	12.4	34.1	19.3	28.4	≥1,030	20.1	21.2	35.9	9.7	13.0
Other/Unknown	≥10	0.0	0.0	69.2	15.4	15.4	≥10	0.0	23.1	61.5	7.7	7.7	

* Domain tests with Exemption or Not Attempted are excluded.

Table S3.13: Summative Performance Level by Domain - Grade 12 (cont.)

Subgroup	Status	Speaking					Writing						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥11,480	10.9	12.7	32.6	18.1	25.8	≥11,600	15.5	20.7	46.9	9.8	7.1
Gender	Female	≥5,340	8.9	12.1	30.9	18.5	29.6	≥5,410	13.7	20.1	47.5	10.6	8.0
	Male	≥6,120	12.7	13.2	34.1	17.7	22.3	≥6,180	17.2	21.1	46.5	9.0	6.3
	Missing	≥10	12.5	0.0	18.8	12.5	56.3	≥10	7.1	14.3	28.6	28.6	21.4
Ethnicity	American Indian or Alaskan Native	≥70	16.9	13.0	44.2	11.7	14.3	≥70	11.5	28.2	55.1	5.1	≤1.0
	Asian	≥1,670	6.9	9.8	31.7	20.3	31.3	≥1,700	12.8	18.9	50.6	10.1	7.6
	Black or African American	≥1,270	9.7	16.8	35.0	16.5	22.0	≥1,280	21.5	25.3	41.0	8.0	4.2
	Hispanic or Latino	≥6,840	12.6	13.1	32.3	17.8	24.1	≥6,910	15.5	20.1	47.2	9.9	7.2
	Native Hawaiian or Other Pacific Islander	<10						<10					
	Pacific Islander	≥290	12.0	11.7	38.8	19.2	18.2	≥290	11.2	17.3	55.1	8.5	7.8
	Two or More Races	≥280	7.7	12.0	33.5	19.4	27.5	≥290	13.7	21.8	48.8	8.5	7.2
	White	≥1,010	7.8	9.9	30.0	17.3	35.0	≥1,010	14.9	20.8	43.0	11.4	10.0
Other/Unknown	≥10	9.1	9.1	27.3	18.2	36.4	≥10	8.3	33.3	50.0	0.0	8.3	

* Domain tests with Exemption or Not Attempted are excluded.

Section 4: Summative Assessment - Percentage of Students by Overall Proficiency Category

* The percentages are suppressed when the N count is fewer than 10.

Figure S4.1: Summative Percentage of Students in Proficiency Categories

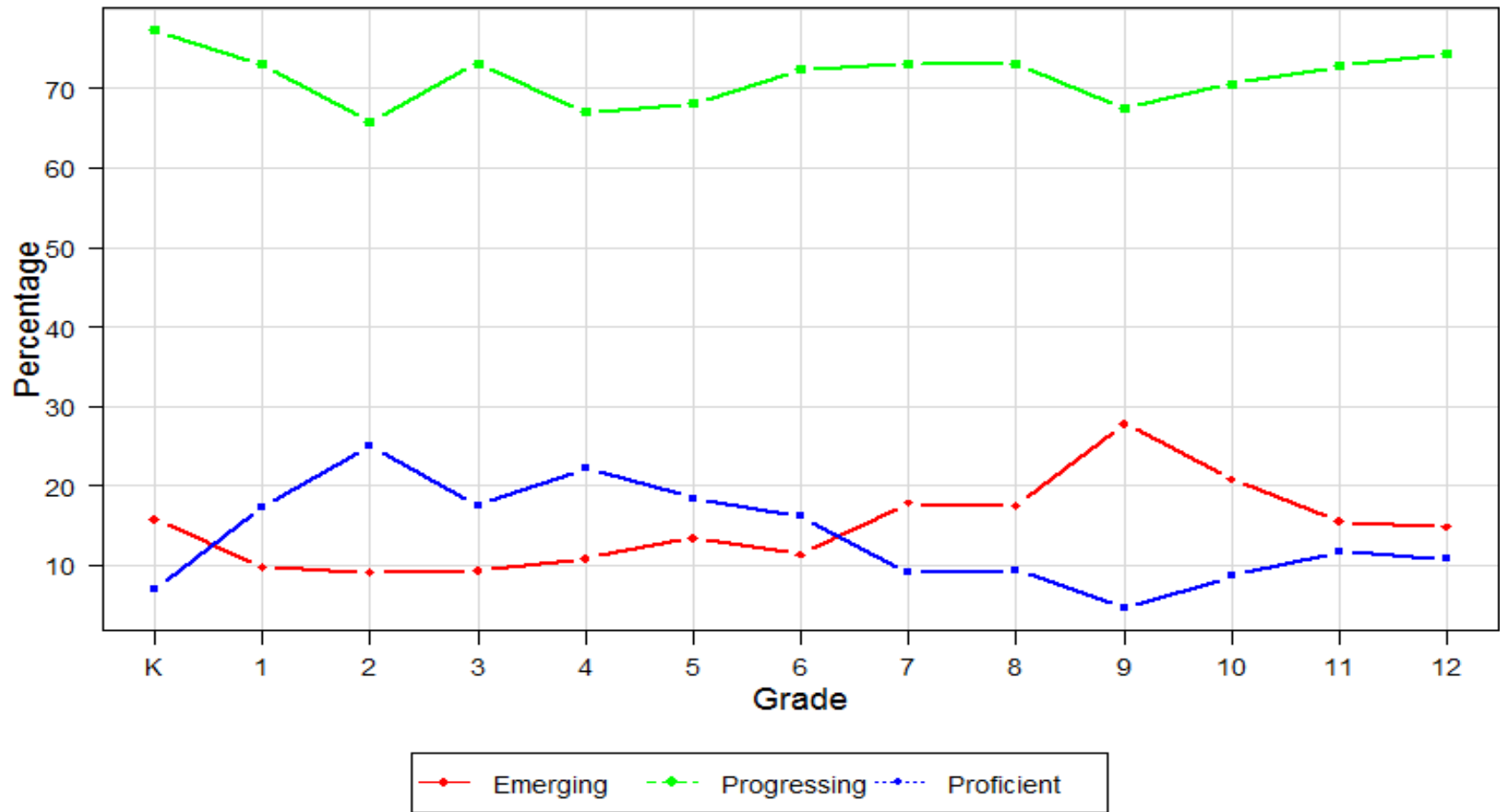


Table S4.1: Summative Overall Proficiency Categories - Kindergarten

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥42,010	15.7	77.3	7.0
Gender	Female	≥20,450	13.2	79.1	7.6
	Male	≥21,360	18.1	75.6	6.3
	Missing	≥202	16.8	70.8	12.4
Ethnicity	American Indian or Alaskan Native	≥210	12.9	84.8	2.4
	Asian	≥7,420	9.3	76.5	14.2
	Black or African American	≥3,820	12.8	79.9	7.4
	Hispanic or Latino	≥23,090	18.3	77.7	4.0
	Native Hawaiian or Other Pacific Islander	≥40	12.5	77.1	10.4
	Pacific Islander	≥800	23.6	74.4	2.0
	Two or More Races	≥1,700	20.1	71.8	8.1
	White	≥4,770	13.0	76.6	10.5
	Other/Unknown	≥120	14.2	79.2	6.7

Table S4.2: Summative Overall Proficiency Categories - Grade 1

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥40,320	9.7	73.0	17.3
Gender	Female	≥19,590	8.5	72.5	19.0
	Male	≥20,600	10.9	73.5	15.6
	Missing	≥120	12.8	69.6	17.6
Ethnicity	American Indian or Alaskan Native	≥260	9.9	79.1	11.0
	Asian	≥6,630	6.2	63.2	30.6
	Black or African American	≥3,480	8.9	72.3	18.7
	Hispanic or Latino	≥22,940	11.0	76.6	12.4
	Native Hawaiian or Other Pacific Islander	≥50	9.1	63.6	27.3
	Pacific Islander	≥790	15.5	75.0	9.5
	Two or More Races	≥1,540	12.4	72.5	15.1
	White	≥4,490	7.0	69.3	23.7
	Other/Unknown	≥100	7.9	68.3	23.8

Table S4.3: Summative Overall Proficiency Categories - Grade 2

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥35,370	9.1	65.8	25.0
Gender	Female	≥16,500	8.2	63.1	28.7
	Male	≥18,770	10.0	68.2	21.8
	Missing	≥90	10.2	61.2	28.6
Ethnicity	American Indian or Alaskan Native	≥270	3.3	80.4	16.4
	Asian	≥5,030	6.9	57.1	36.0
	Black or African American	≥2,970	7.9	66.7	25.4
	Hispanic or Latino	≥21,010	9.8	68.2	22.0
	Native Hawaiian or Other Pacific Islander	≥40	6.7	68.9	24.4
	Pacific Islander	≥830	12.2	71.7	16.1
	Two or More Races	≥1,340	12.4	65.0	22.6
	White	≥3,770	7.8	61.6	30.7
	Other/Unknown	≥70	16.9	50.6	32.5

Table S4.4: Summative Overall Proficiency Categories - Grade 3

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥28,400	9.3	73.2	17.5
Gender	Female	≥12,990	8.8	70.8	20.4
	Male	≥15,370	9.7	75.3	15.0
	Missing	≥20	24.1	65.5	10.3
Ethnicity	American Indian or Alaskan Native	≥220	4.0	84.1	11.9
	Asian	≥3,280	8.0	67.5	24.4
	Black or African American	≥2,510	9.3	75.1	15.6
	Hispanic or Latino	≥17,570	9.6	74.3	16.2
	Native Hawaiian or Other Pacific Islander	≥50	2.0	72.0	26.0
	Pacific Islander	≥720	9.9	76.8	13.3
	Two or More Races	≥1,190	11.8	73.7	14.5
	White	≥2,770	8.2	69.8	22.0
	Other/Unknown	≥60	14.8	70.5	14.8

Table S4.5: Summative Overall Proficiency Categories - Grade 4

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥24,200	10.8	67.0	22.2
Gender	Female	≥10,600	9.7	65.3	25.0
	Male	≥13,530	11.6	68.4	20.0
	Missing	≥50	26.3	57.9	15.8
Ethnicity	American Indian or Alaskan Native	≥270	7.4	84.8	7.8
	Asian	≥2,540	9.5	61.3	29.3
	Black or African American	≥1,940	10.2	69.8	20.0
	Hispanic or Latino	≥15,510	10.9	67.6	21.5
	Native Hawaiian or Other Pacific Islander	≥30	10.0	66.7	23.3
	Pacific Islander	≥620	12.5	71.2	16.3
	Two or More Races	≥960	14.0	67.3	18.7
	White	≥2,250	10.4	63.8	25.8
	Other/Unknown	≥40	18.2	65.9	15.9

Table S4.6: Summative Overall Proficiency Categories - Grade 5

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥21,820	13.4	68.1	18.4
Gender	Female	≥9,680	12.7	66.5	20.8
	Male	≥12,090	14.0	69.5	16.5
	Missing	≥50	21.2	65.4	13.5
Ethnicity	American Indian or Alaskan Native	≥260	8.4	82.1	9.5
	Asian	≥2,160	12.8	65.2	22.0
	Black or African American	≥1,820	15.5	67.3	17.2
	Hispanic or Latino	≥14,180	13.1	68.8	18.1
	Native Hawaiian or Other Pacific Islander	≥30	16.1	74.2	9.7
	Pacific Islander	≥600	17.5	69.0	13.5
	Two or More Races	≥880	14.7	70.3	15.0
	White	≥1,830	13.8	63.7	22.5
	Other/Unknown	≥40	7.5	75.0	17.5

Table S4.7: Summative Overall Proficiency Categories - Grade 6

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥18,950	11.3	72.4	16.2
Gender	Female	≥8,220	10.7	72.3	17.1
	Male	≥10,680	11.8	72.6	15.7
	Missing	≥30	24.3	75.7	0.0
Ethnicity	American Indian or Alaskan Native	≥220	3.5	89.1	7.4
	Asian	≥1,910	9.3	67.7	23.0
	Black or African American	≥1,600	10.4	74.0	15.7
	Hispanic or Latino	≥12,330	12.2	72.7	15.1
	Native Hawaiian or Other Pacific Islander	≥20	8.7	82.6	8.7
	Pacific Islander	≥540	10.1	77.1	12.7
	Two or More Races	≥770	13.0	73.4	13.6
	White	≥1,510	8.1	70.3	21.5
	Other/Unknown	≥30	10.0	73.3	16.7

Table S4.8: Summative Overall Proficiency Categories - Grade 7

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥17,520	17.8	73.2	9.0
Gender	Female	≥7,620	17.2	72.4	10.3
	Male	≥9,880	18.2	73.8	7.9
	Missing	≥10	31.6	63.2	5.3
Ethnicity	American Indian or Alaskan Native	≥210	12.0	80.1	7.9
	Asian	≥1,650	14.5	71.3	14.2
	Black or African American	≥1,480	17.8	73.9	8.3
	Hispanic or Latino	≥11,510	18.6	73.2	8.2
	Native Hawaiian or Other Pacific Islander	≥30	9.7	80.6	9.7
	Pacific Islander	≥540	14.0	79.9	6.1
	Two or More Races	≥720	23.4	69.6	7.1
	White	≥1,330	14.6	73.0	12.4
	Other/Unknown	≥10	27.8	66.7	5.6

Table S4.9: Summative Overall Proficiency Categories - Grade 8

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥17,670	17.5	73.1	9.4
Gender	Female	≥7,590	16.8	72.5	10.7
	Male	≥10,030	18.0	73.6	8.5
	Missing	≥30	23.1	69.2	7.7
Ethnicity	American Indian or Alaskan Native	≥200	13.0	82.0	5.0
	Asian	≥1,710	12.4	72.5	15.0
	Black or African American	≥1,480	18.8	71.7	9.5
	Hispanic or Latino	≥11,560	18.6	72.8	8.6
	Native Hawaiian or Other Pacific Islander	≥20	12.0	80.0	8.0
	Pacific Islander	≥530	15.6	78.6	5.8
	Two or More Races	≥780	21.3	68.9	9.8
	White	≥1,330	12.1	76.6	11.4
	Other/Unknown	≥30	25.7	62.9	11.4

Table S4.10: Summative Overall Proficiency Categories - Grade 9

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥20,300	27.8	67.6	4.6
Gender	Female	≥8,520	26.4	68.5	5.1
	Male	≥11,730	28.8	67.0	4.3
	Missing	≥30	38.5	48.7	12.8
Ethnicity	American Indian or Alaskan Native	≥160	14.8	82.8	2.4
	Asian	≥1,970	15.3	75.2	9.5
	Black or African American	≥1,960	25.6	70.7	3.7
	Hispanic or Latino	≥13,070	30.5	65.5	4.0
	Native Hawaiian or Other Pacific Islander	≥20	19.0	81.0	≤1.0
	Pacific Islander	≥580	24.0	74.3	1.7
	Two or More Races	≥1,020	37.5	59.0	3.5
	White	≥1,450	19.1	73.5	7.4
	Other/Unknown	≥40	30.0	62.5	7.5

Table S4.11: Summative Overall Proficiency Categories - Grade 10

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥17,890	20.8	70.6	8.6
Gender	Female	≥7,810	19.2	71.6	9.2
	Male	≥10,060	22.0	69.9	8.2
	Missing	≥20	26.1	73.9	≤1.0
Ethnicity	American Indian or Alaskan Native	≥170	18.0	74.4	7.6
	Asian	≥2,080	12.6	75.6	11.8
	Black or African American	≥1,740	21.0	72.6	6.4
	Hispanic or Latino	≥11,280	22.7	69.1	8.2
	Native Hawaiian or Other Pacific Islander	≥20	21.7	65.2	13.0
	Pacific Islander	≥510	21.2	74.9	3.9
	Two or More Races	≥740	22.7	69.6	7.7
	White	≥1,300	15.9	71.5	12.6
	Other/Unknown	≥30	23.5	64.7	11.8

Table S4.12: Summative Overall Proficiency Categories - Grade 11

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥14,480	15.5	72.8	11.7
Gender	Female	≥6,470	14.2	73.2	12.6
	Male	≥7,970	16.5	72.4	11.1
	Missing	≥30	12.5	84.4	3.1
Ethnicity	American Indian or Alaskan Native	≥120	14.3	80.2	5.6
	Asian	≥1,820	10.8	74.4	14.8
	Black or African American	≥1,590	18.3	74.3	7.4
	Hispanic or Latino	≥8,690	16.5	71.9	11.6
	Native Hawaiian or Other Pacific Islander	≥10	12.5	87.5	≤1.0
	Pacific Islander	≥450	14.2	80.3	5.5
	Two or More Races	≥450	14.4	75.2	10.5
	White	≥1,280	12.9	70.1	17.0
	Other/Unknown	≥20	16.0	76.0	8.0

Table S4.13: Summative Overall Proficiency Categories - Grade 12

Subgroup	Status	N	Emerging	Progressing	Proficient
Total		≥11,940	14.8	74.4	10.7
Gender	Female	≥5,560	13.2	75.1	11.7
	Male	≥6,360	16.3	73.9	9.8
	Missing	≥10	11.1	61.1	27.8
Ethnicity	American Indian or Alaskan Native	≥80	10.5	87.2	2.3
	Asian	≥1,750	11.6	75.7	12.7
	Black or African American	≥1,330	19.9	73.1	7.0
	Hispanic or Latino	≥7,080	15.3	74.2	10.5
	Native Hawaiian or Other Pacific Islander	<10			
	Pacific Islander	≥300	12.0	79.3	8.7
	Two or More Races	≥300	13.6	76.5	9.9
	White	≥1,060	12.6	72.2	15.2
	Other/Unknown	≥10	0.0	92.3	7.7

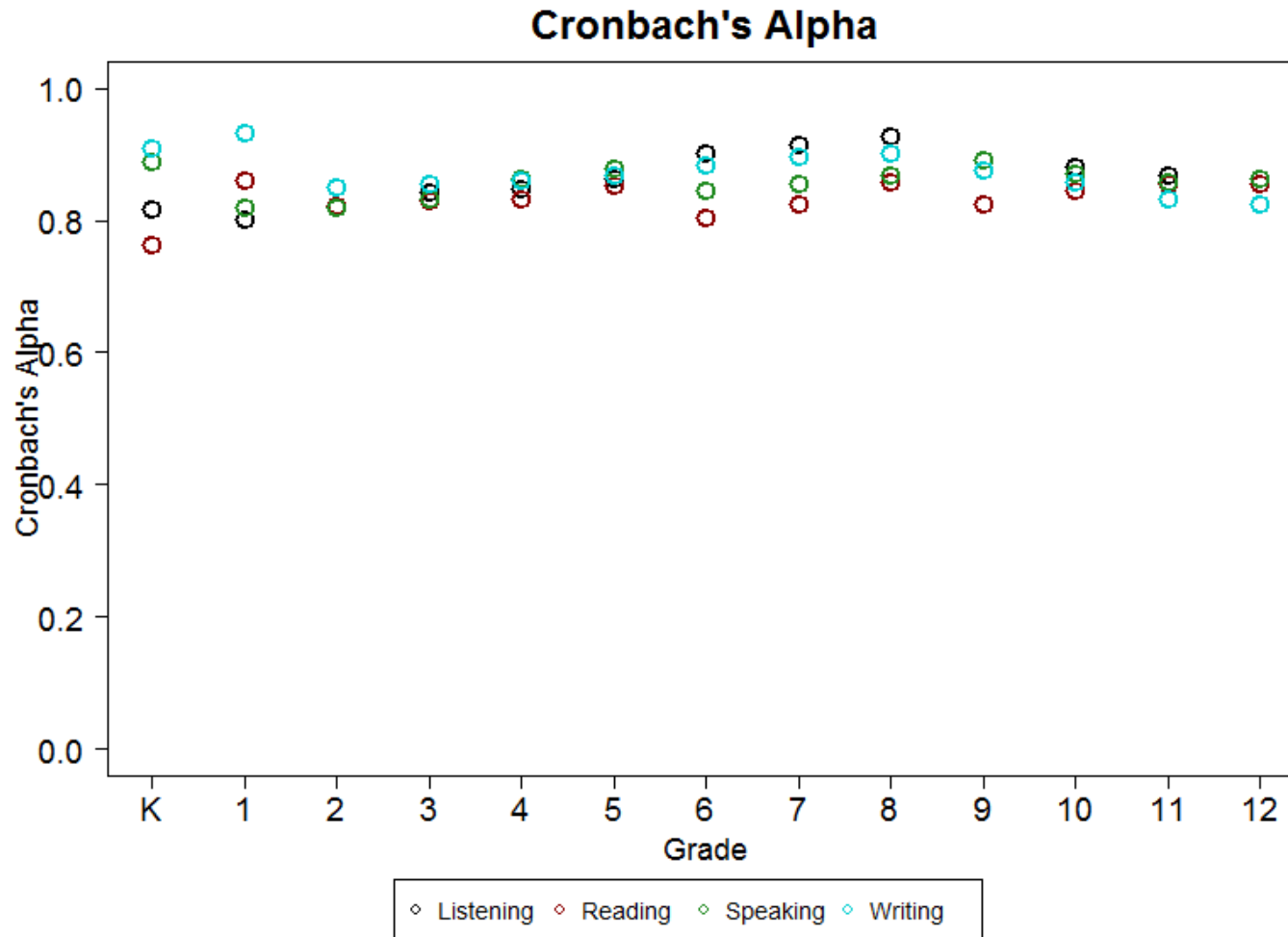
Section 5: Summative Assessment - Testing Time

Table S5.1: Summative Testing Time

Grade/Grade Band	N	N of Items	Testing Time (Minutes)								
			Min	P10	P25	P50	P75	P90	Max	Mean	SD
K	≥39,560	94	39.9	46.3	55.7	59.3	68.1	83.3	18.9	59.3	18.9
1	≥38,370	86	41.2	47.1	55.7	59.2	67.2	81.3	17.7	59.2	17.7
2-3	≥60,680	78	50.4	59.8	72.9	78.4	90.5	112.5	28.1	78.4	28.1
4-5	≥43,640	76	57.0	68.5	84.4	92.2	106.7	135.8	36.9	92.2	36.9
6-8	≥50,050	74	63.4	80.2	104.6	118.0	140.6	188.1	57.5	118.0	57.5
9-12	≥61,080	73	63.7	84.5	114.9	127.9	156.3	208.4	64.1	127.9	64.1

Section 6: Summative Assessment - Cronbach Alpha

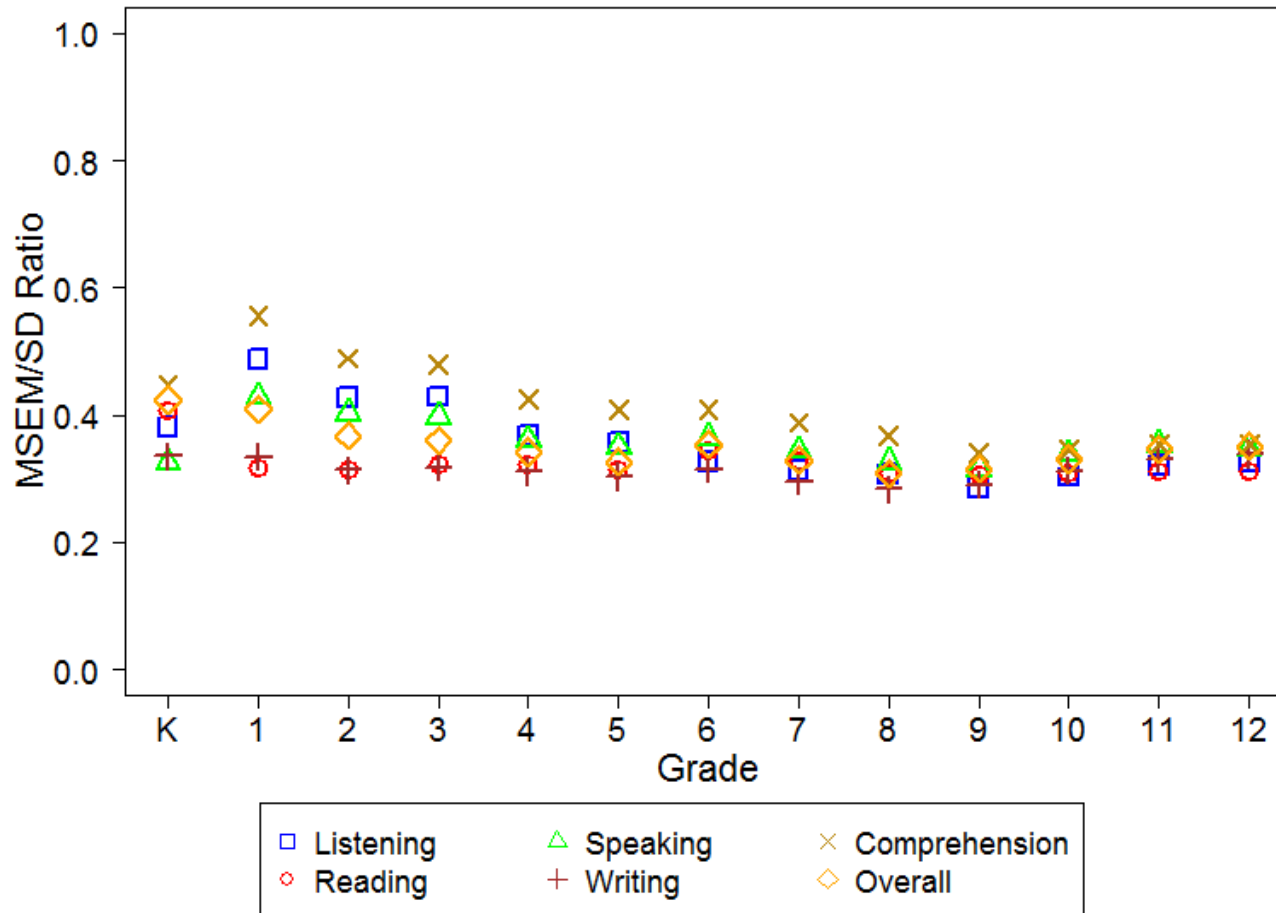
Figure S6.1: Summative Cronbach Alpha by Test by Domain



Section 7: Summative Assessment - Marginal Reliability

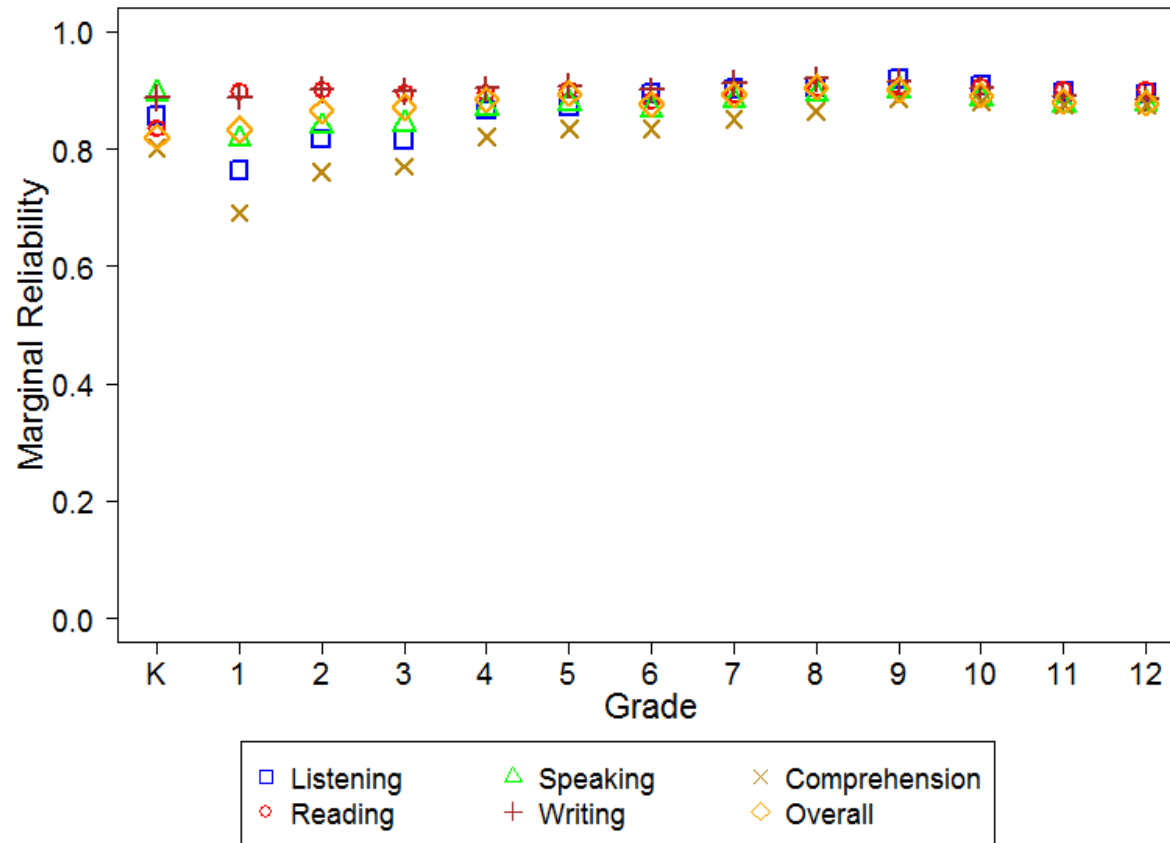
* Domain tests with Exemption or Not Attempted are excluded.

Figure S7.1: Summative Ratio of Marginal Standard Error of Measurement to Standard Deviation of Estimated Scale Scores by Grade and Domain



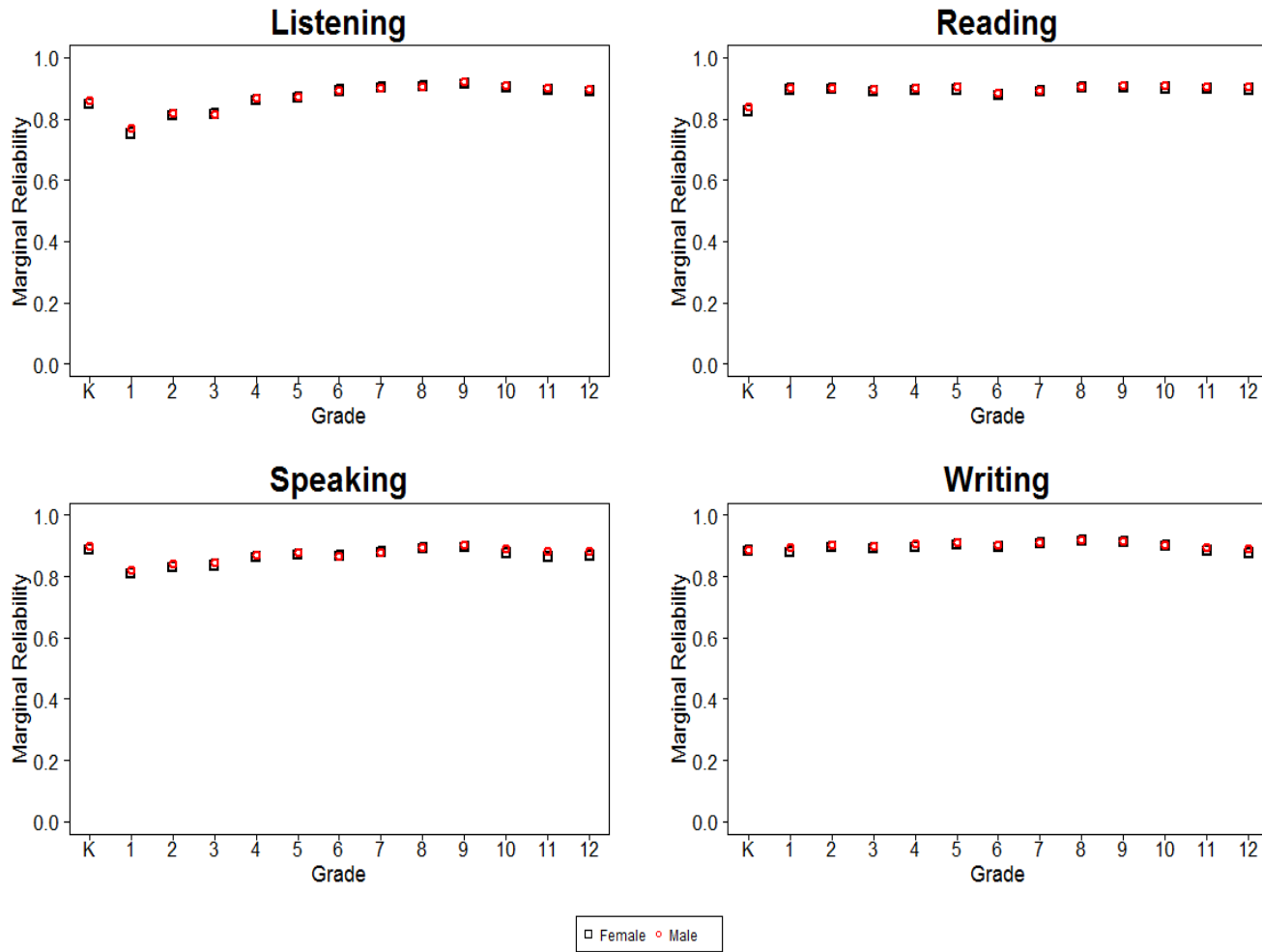
* Domain tests with Exemption or Not Attempted are excluded.

Figure S7.2: Summative Marginal Reliability by Test



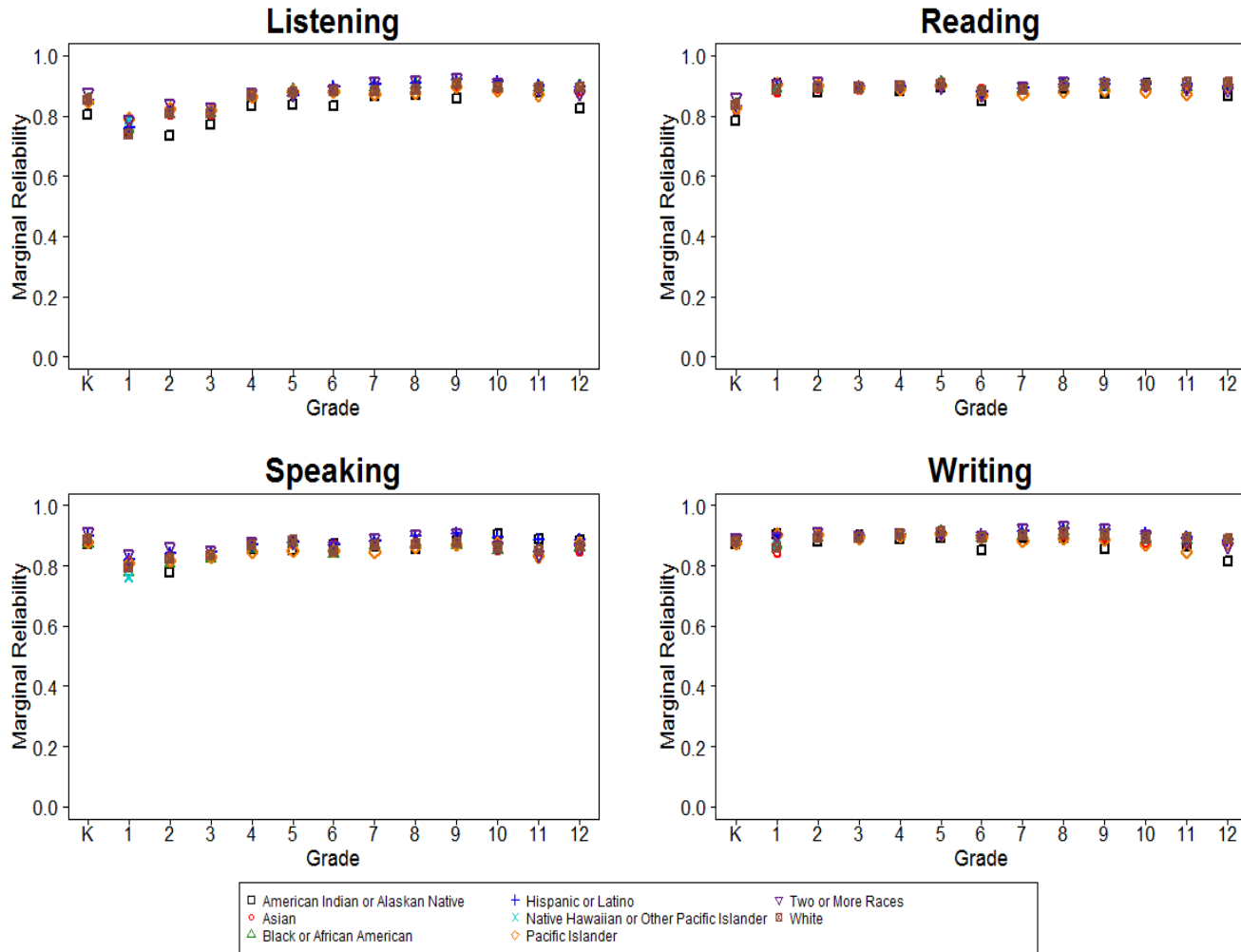
* Domain tests with Exemption or Not Attempted are excluded.

Figure S7.3: Summative Marginal Reliability by Gender



* Domain tests with Exemption or Not Attempted are excluded.

Figure S7.4: Summative Marginal Reliability by Ethnicity



* Domain tests with Exemption or Not Attempted are excluded.

Section 8: Summative Assessment - Conditional Standard Error of Measurement (CSEM)

Figure S8.1: Summative Conditional Standard Error of Measurement for Kindergarten

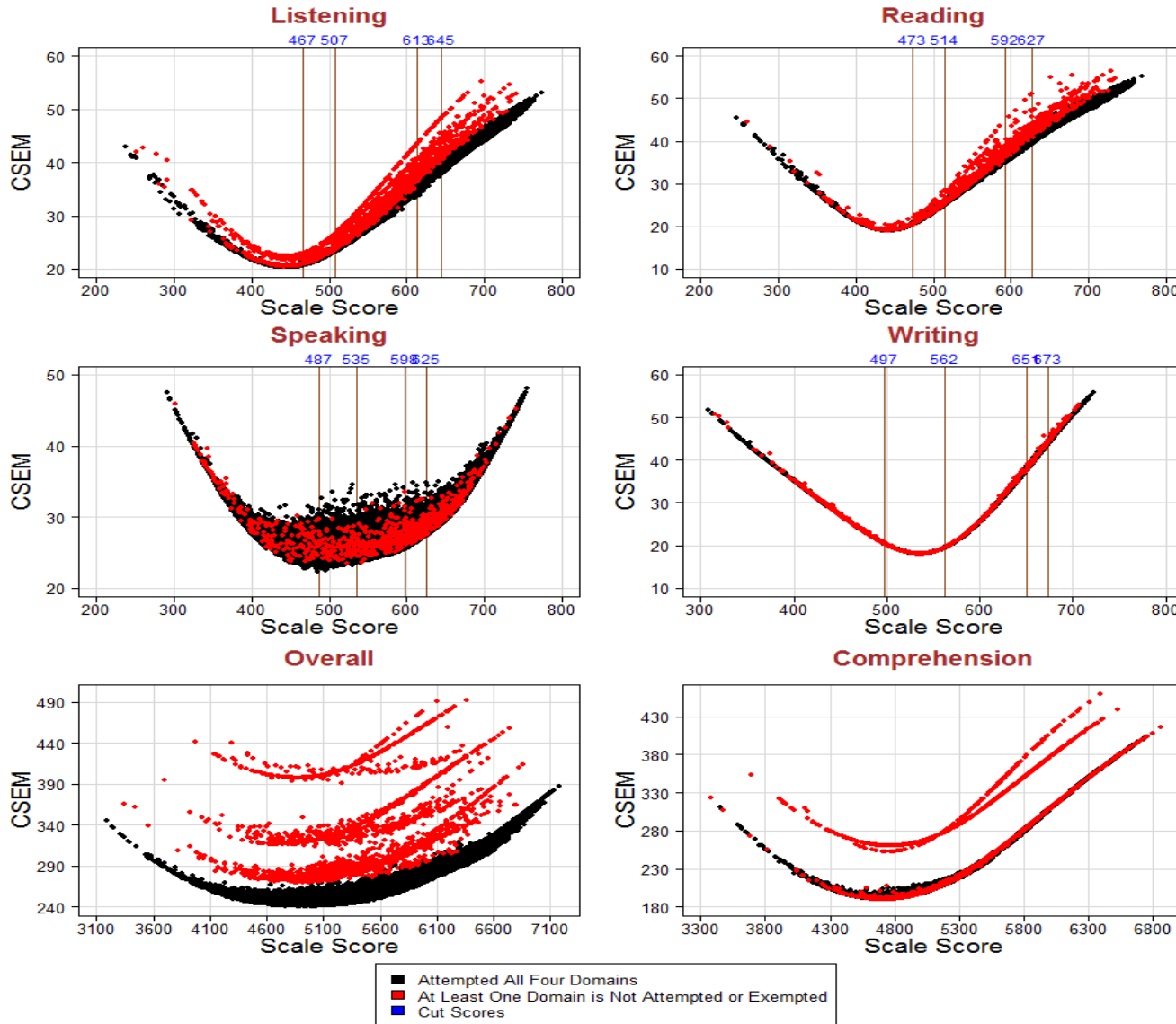


Figure S8.2: Summative Conditional Standard Error of Measurement for Grade 1

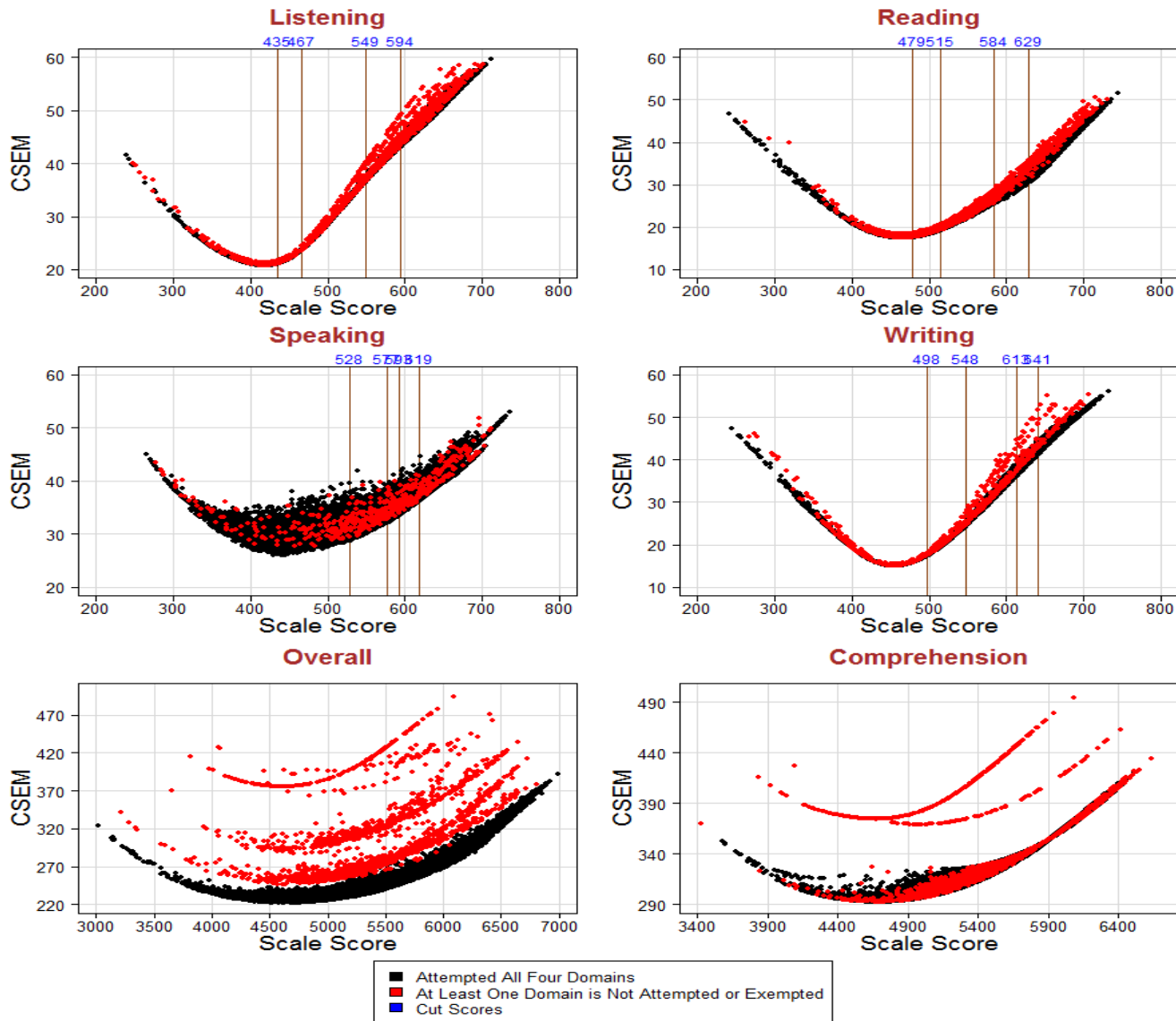


Figure S8.3: Summative Conditional Standard Error of Measurement for Grade 2

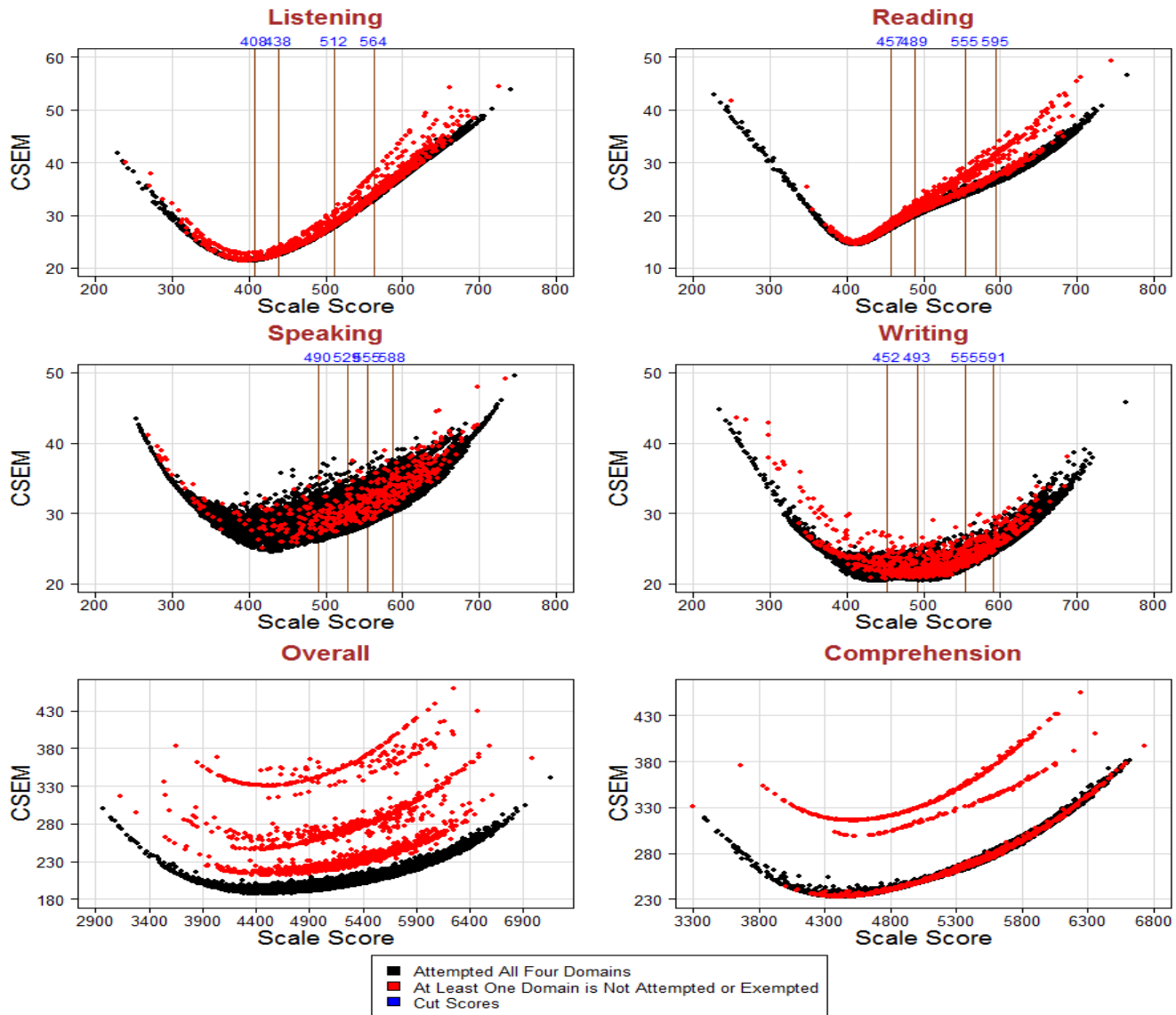


Figure S8.4: Summative Conditional Standard Error of Measurement for Grade 3

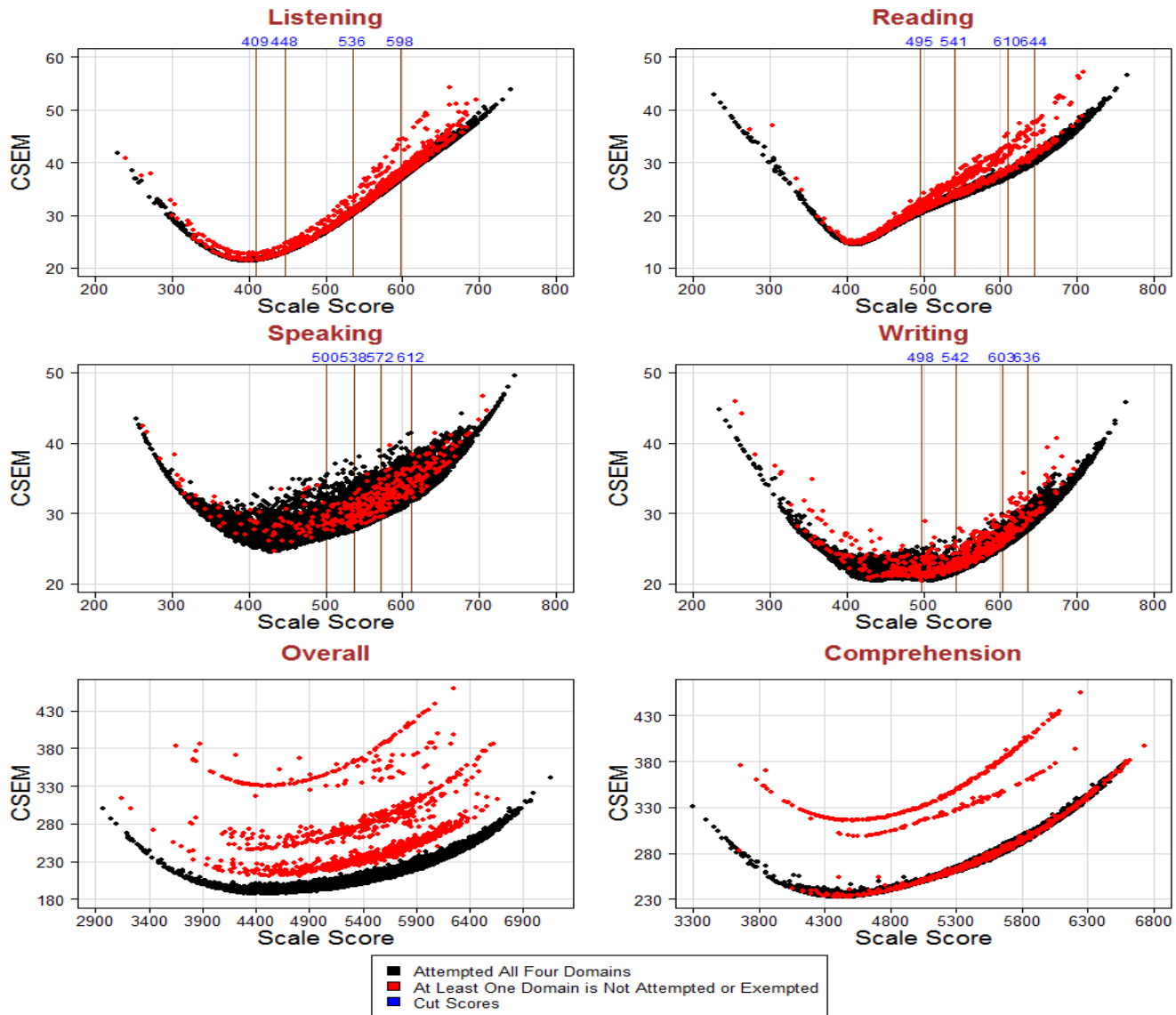


Figure S8.5: Summative Conditional Standard Error of Measurement for Grade 4

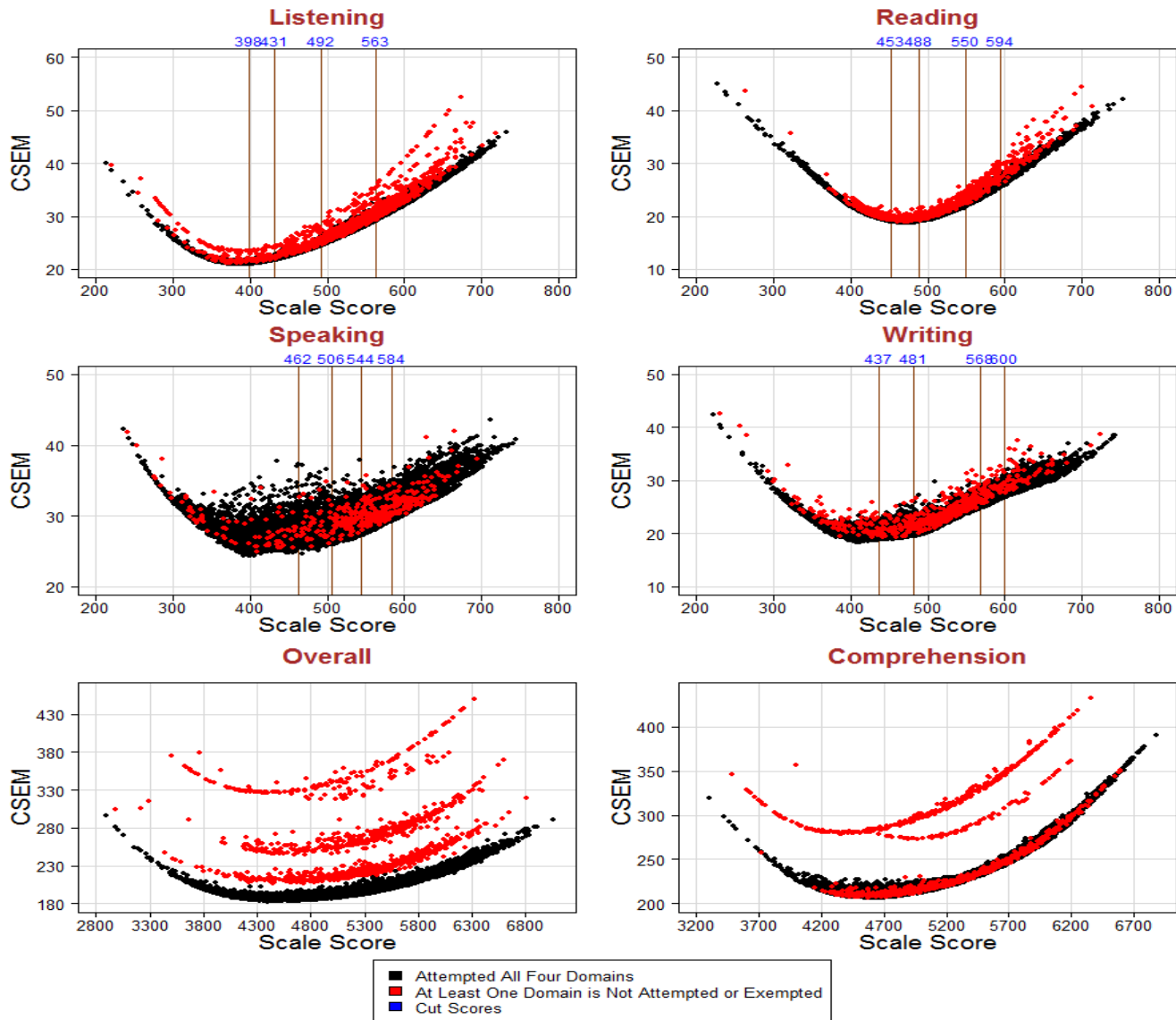


Figure S8.6: Summative Conditional Standard Error of Measurement for Grade 5

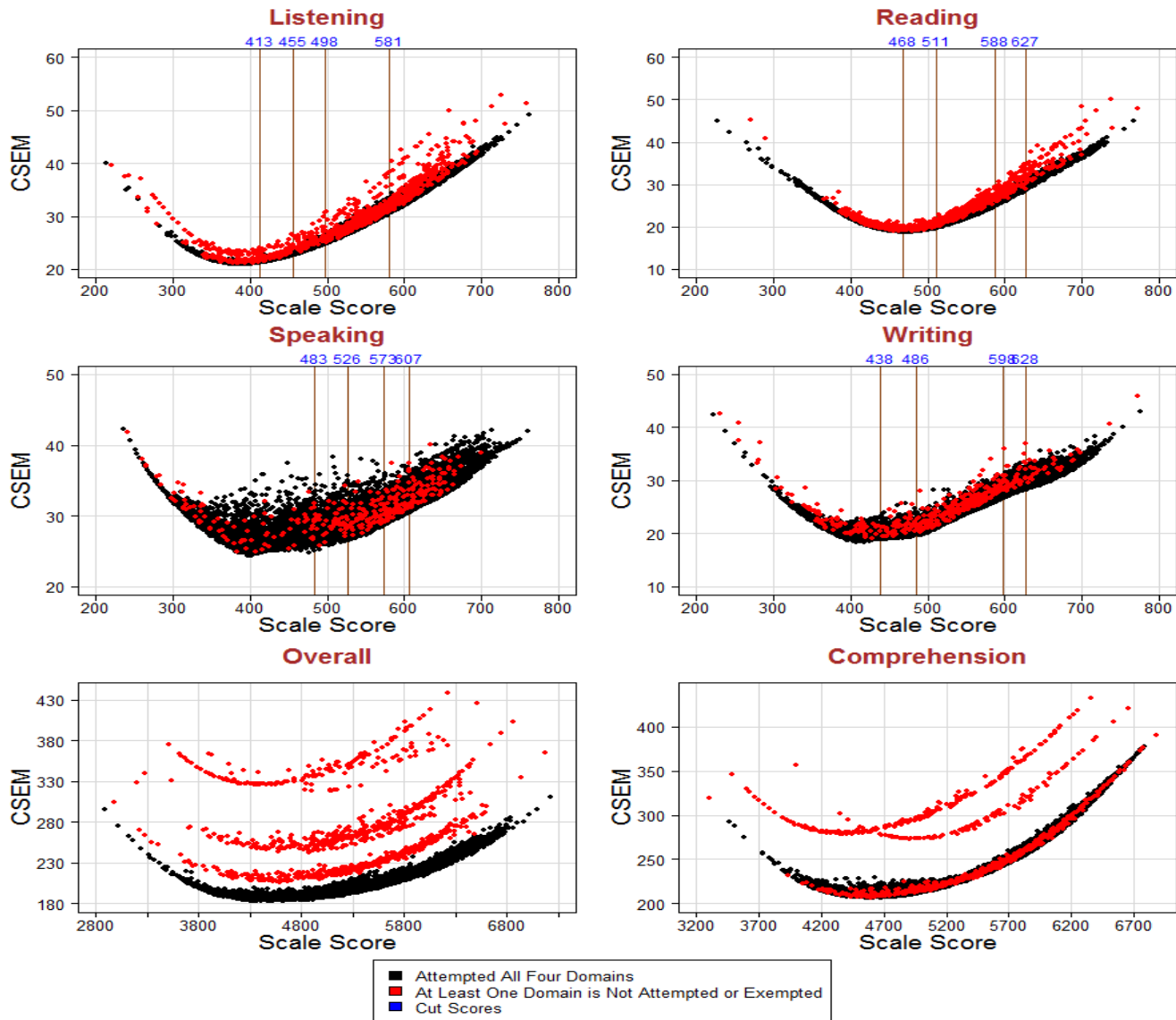


Figure S8.7: Summative Conditional Standard Error of Measurement for Grade 6

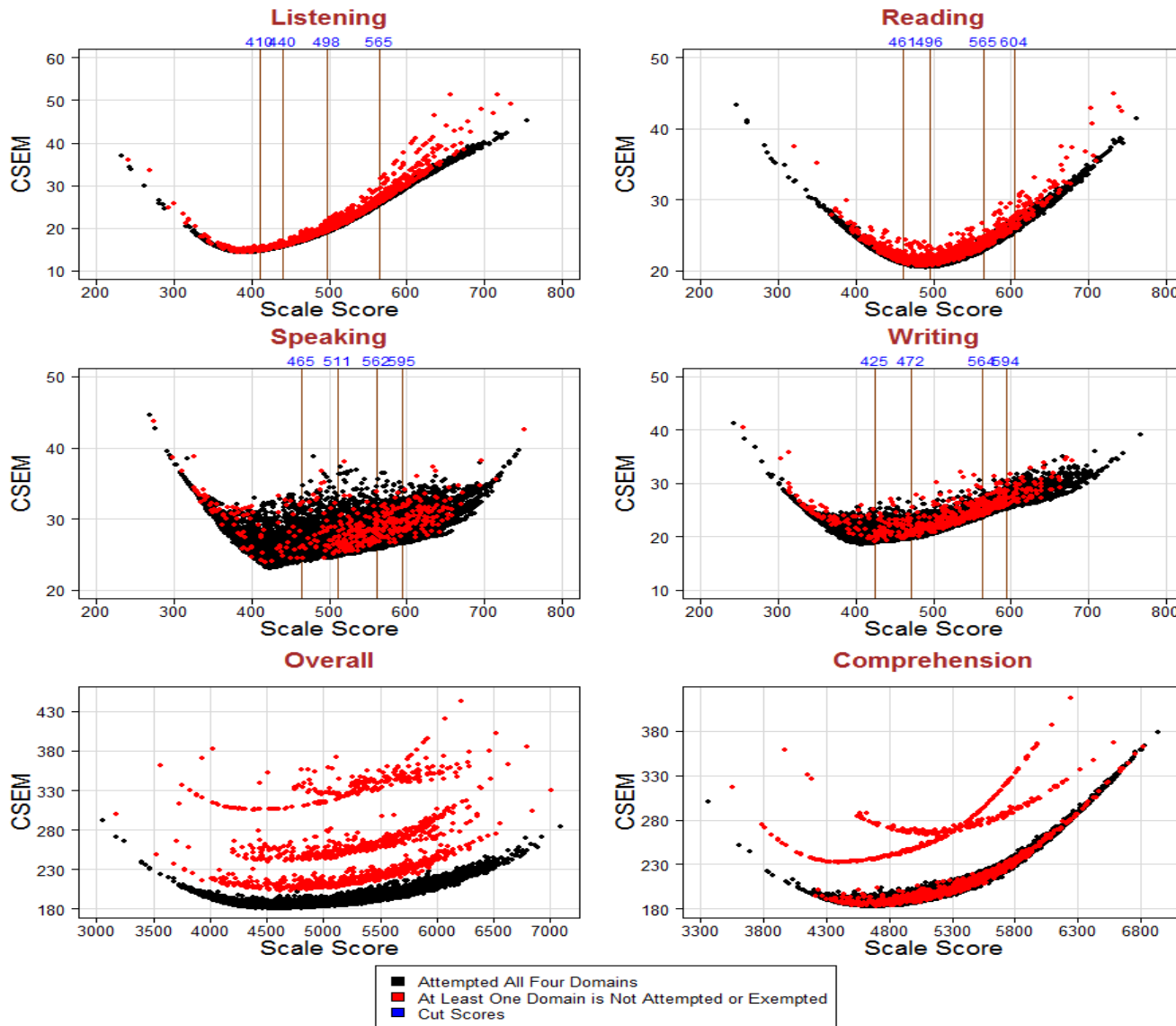


Figure S8.8: Summative Conditional Standard Error of Measurement for Grade 7

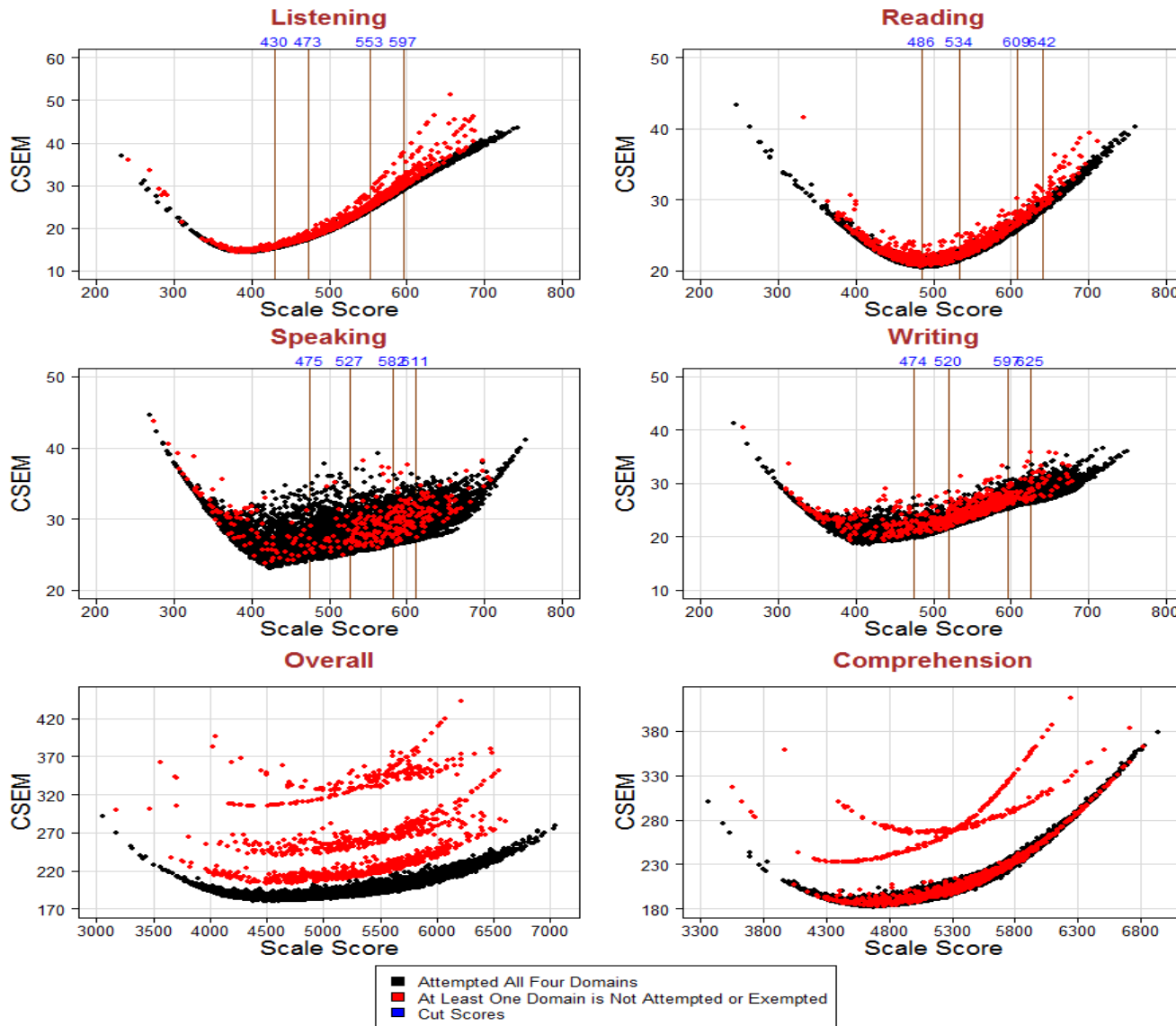


Figure S8.9: Summative Conditional Standard Error of Measurement for Grade 8

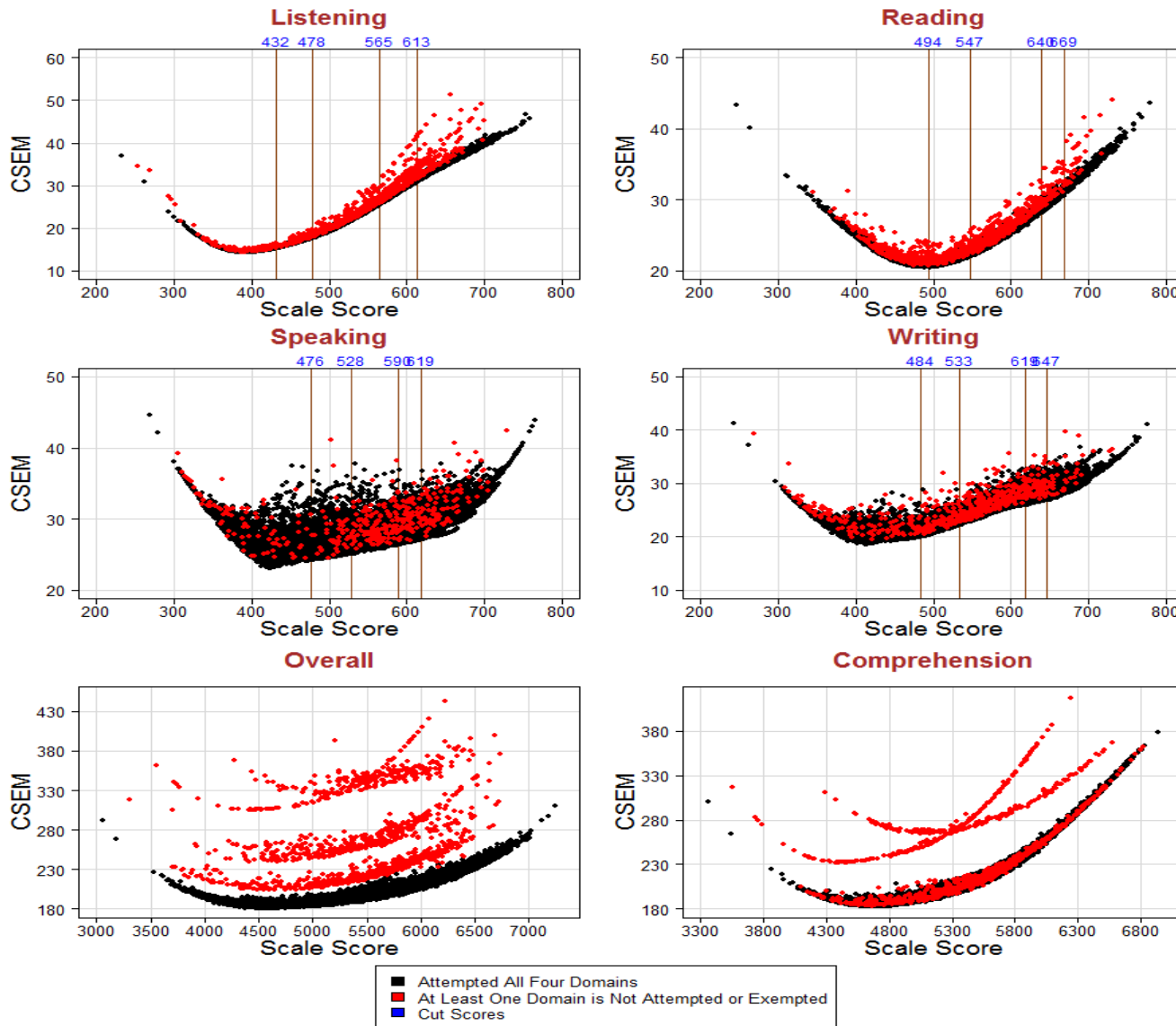


Figure S8.10: Summative Conditional Standard Error of Measurement for Grade 9

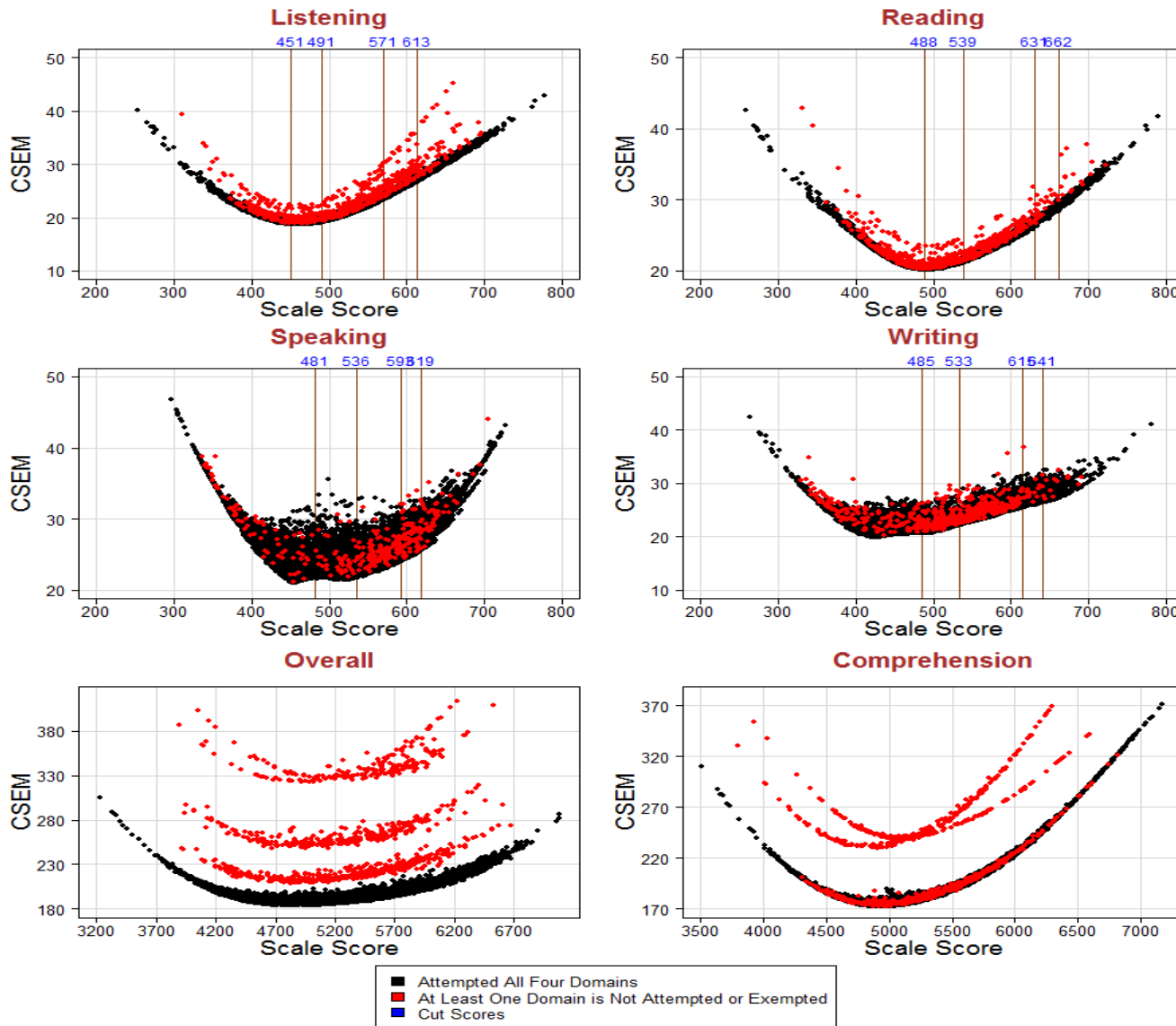


Figure S8.11: Summative Conditional Standard Error of Measurement for Grade 10

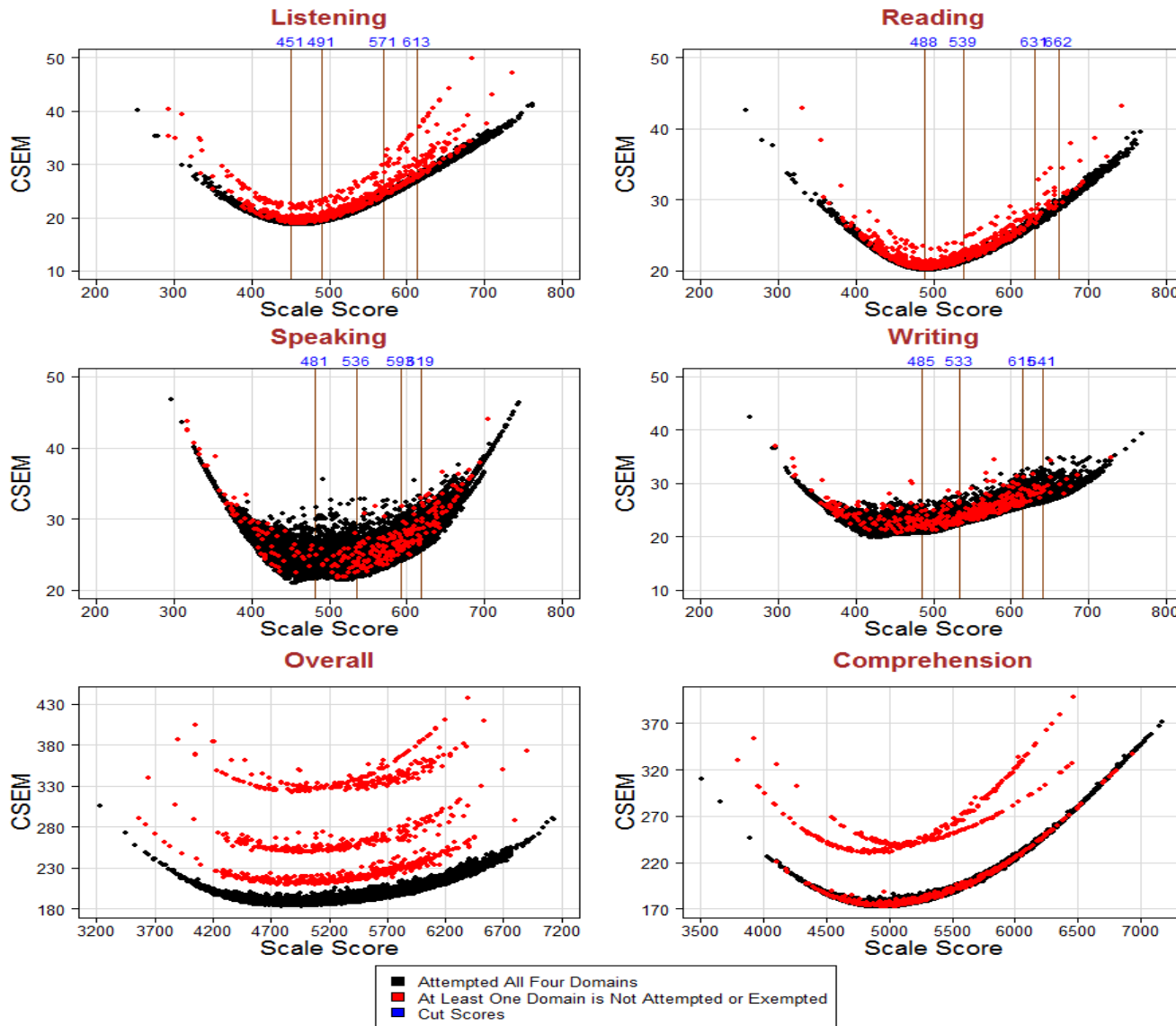


Figure S8.12: Summative Conditional Standard Error of Measurement for Grade 11

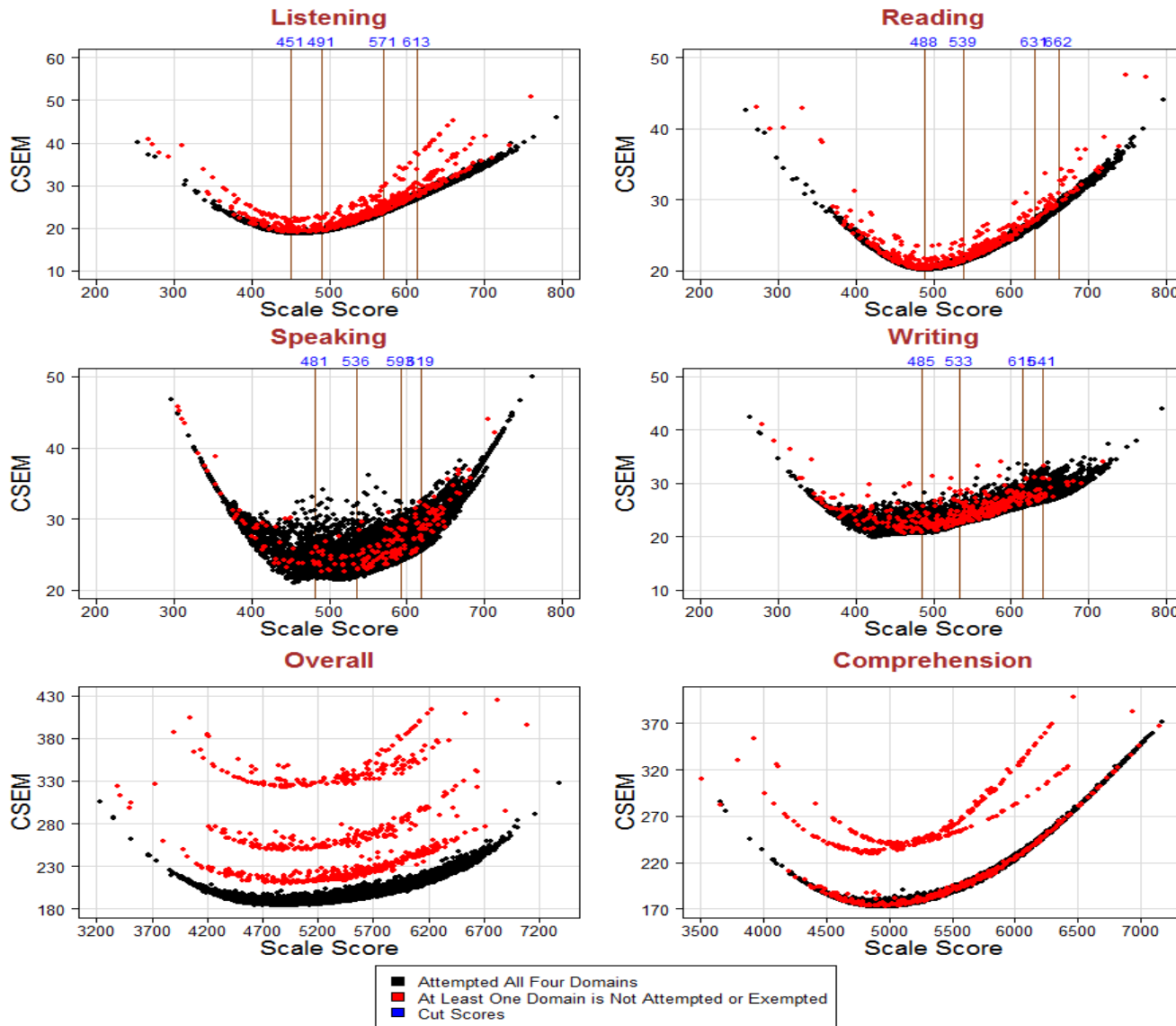
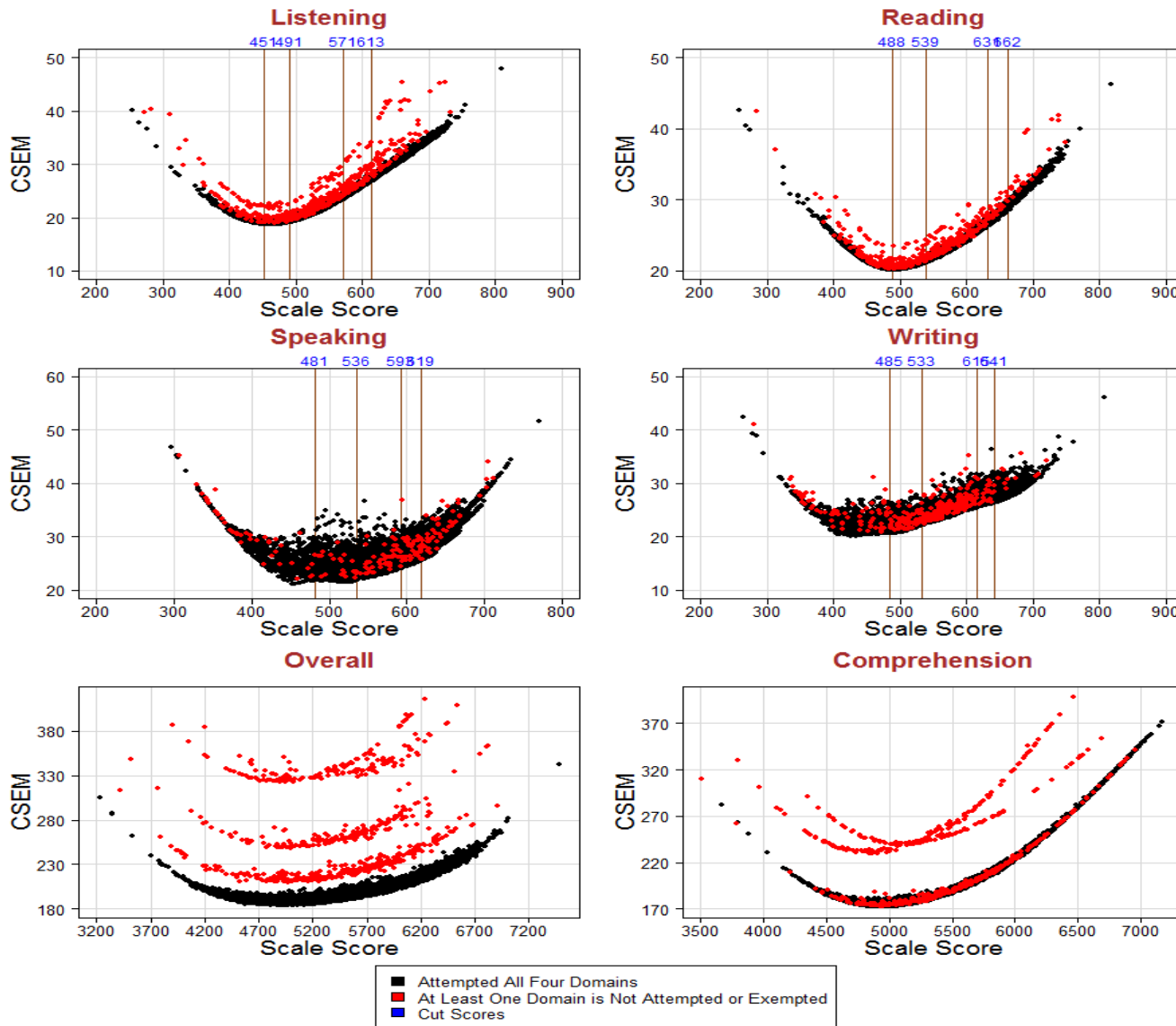


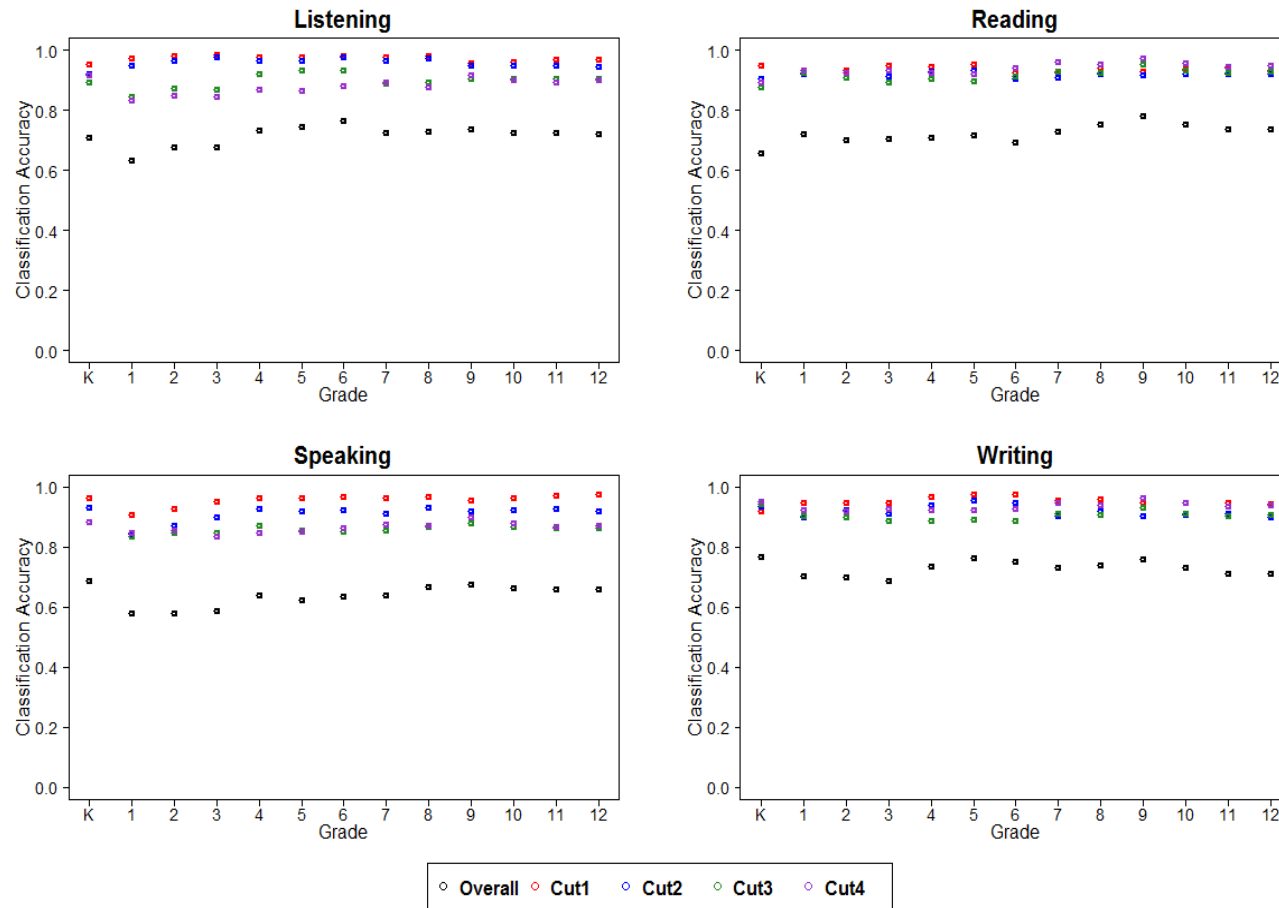
Figure S8.13: Summative Conditional Standard Error of Measurement for Grade 12



Section 9: Summative Assessment - Classification Accuracy and Consistency

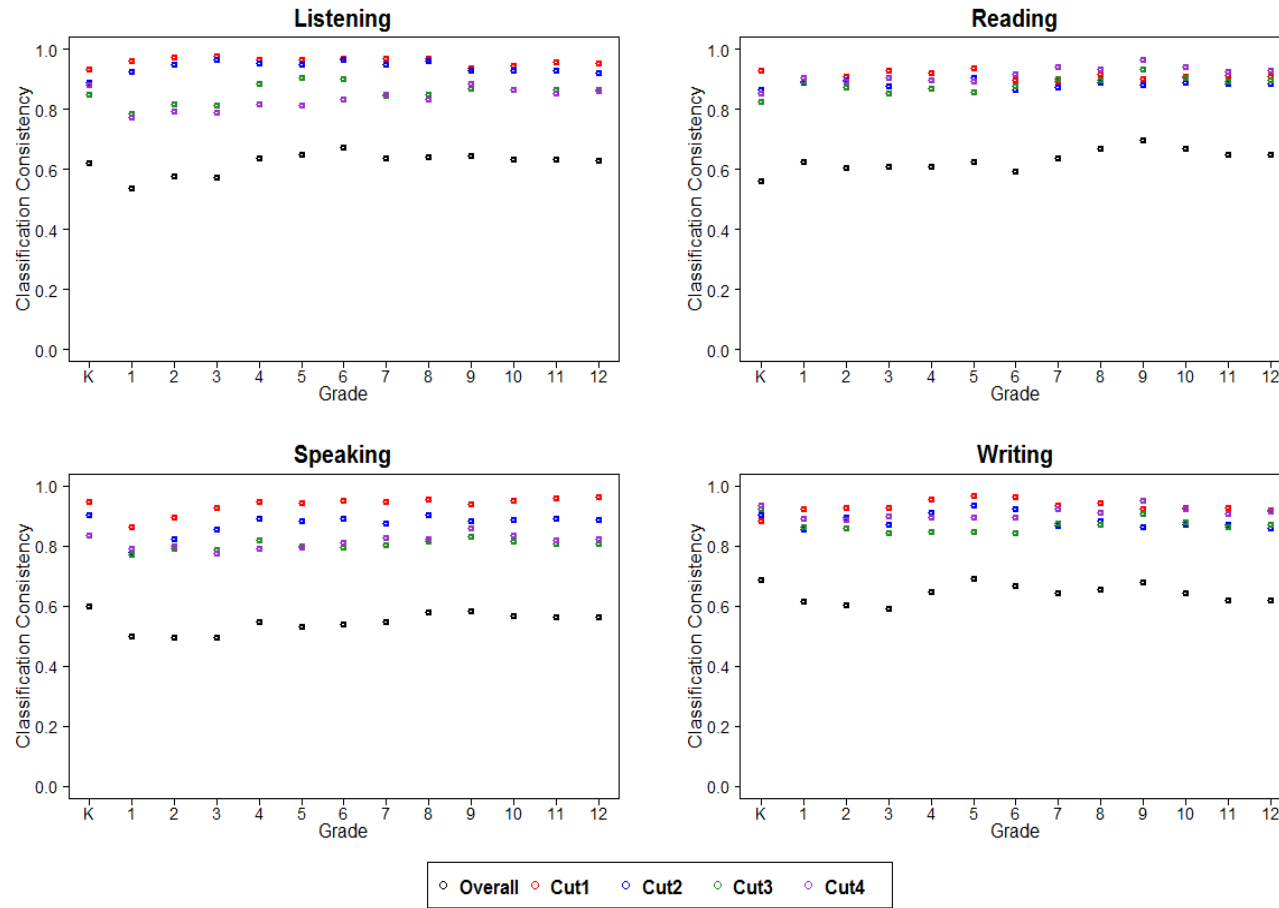
* Domain tests with Exemption or Not Attempted are excluded.

Figure S9.1: Summative Domain Level Classification Accuracy



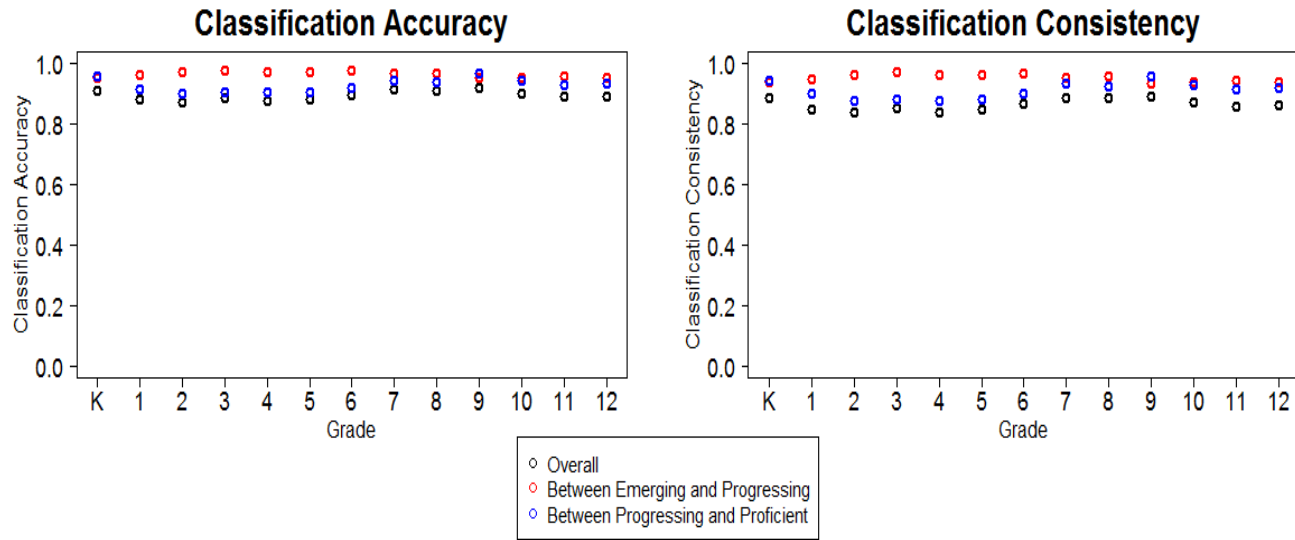
* Cuts 1 to 4 fall between performance levels 1 and 2, 2 and 3, 3 and 4, 4 and 5, respectively. Overall refers to classification with levels 1-5.

Figure S9.2: Summative Domain Level Classification Consistency



* Cuts 1 to 4 fall between performance levels 1 and 2, 2 and 3, 3 and 4, 4 and 5, respectively. Overall refers to classification with levels 1-5.

Figure S9.3: Summative Overall Proficiency Classification



Section 10: Summative Assessment - Inter-Rater Analysis

Table S10.1: Summative Inter-Rater Result - Kindergarten

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	4192	2	40,251	7,876	19.6	.851	7,342	7,771	105	93.2	98.7	1.3
	4194	2	40,121	7,862	19.6	.821	7,091	7,786	76	90.2	99.0	1.0
	4196	2	40,074	7,862	19.6	.841	7,250	7,750	112	92.2	98.6	1.4
	4198	2	39,857	7,760	19.5	.779	6,035	7,695	65	77.8	99.2	0.8
	4200	2	39,908	7,815	19.6	.801	7,028	7,642	173	89.9	97.8	2.2
	4202	2	39,490	7,640	19.3	.803	6,093	7,455	185	79.8	97.6	2.4
	4236	3	40,323	7,805	19.4	.807	5,308	7,734	71	68.0	99.1	0.9
	4310	3	40,342	7,880	19.5	.812	5,474	7,796	84	69.5	98.9	1.1
	4330	3	40,389	7,933	19.6	.817	5,489	7,824	109	69.2	98.6	1.4
	4338	3	40,357	7,910	19.6	.821	5,555	7,812	98	70.2	98.8	1.2
	4394	3	40,390	7,818	19.4	.869	5,852	7,730	88	74.9	98.9	1.1

* FR: First rater; SR: Second rater.

Table S10.2: Summative Inter-Rater Result - Grade 1

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	598	2	38,906	7,661	19.7	.825	6,927	7,597	64	90.4	99.2	0.8
	600	2	38,841	7,664	19.7	.656	6,590	7,616	48	86.0	99.4	0.6
	602	2	38,832	7,683	19.8	.846	7,297	7,641	42	95.0	99.5	0.5
	604	2	38,746	7,645	19.7	.825	6,868	7,572	73	89.8	99.0	1.0
	606	2	38,683	7,622	19.7	.668	6,191	7,456	166	81.2	97.8	2.2
	634	3	39,009	7,704	19.7	.681	5,392	7,503	201	70.0	97.4	2.6
	700	3	38,774	7,648	19.7	.886	6,495	7,582	66	84.9	99.1	0.9
	682	4	39,001	7,668	19.7	.692	4,844	7,363	305	63.2	96.0	4.0
	660	5	38,586	7,565	19.6	.835	4,210	7,231	334	55.7	95.6	4.4

* FR: First rater; SR: Second rater.

Table S10.3: Summative Inter-Rater Result - Grade Band 2-3

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	1348	2	61,455	12,119	19.7	.785	10,864	12,037	82	89.6	99.3	0.7
	1350	2	61,280	12,081	19.7	.808	10,711	11,973	108	88.7	99.1	0.9
	1352	2	61,358	12,135	19.8	.784	10,583	12,108	27	87.2	99.8	0.2
	1354	2	61,306	12,124	19.8	.660	10,410	12,062	62	85.9	99.5	0.5
	1356	2	61,229	12,106	19.8	.750	11,212	11,964	142	92.6	98.8	1.2
	1394	3	61,171	12,048	19.7	.816	8,513	11,946	102	70.7	99.2	0.8
	1406	3	61,614	12,156	19.7	.844	9,795	12,006	150	80.6	98.8	1.2
	1448	4	61,184	12,052	19.7	.851	8,617	11,423	629	71.5	94.8	5.2
1440	5	61,062	11,995	19.6	.837	7,517	11,635	360	62.7	97.0	3.0	
Writing	1496	3	61,385	11,055	18.0	.829	8,146	10,906	149	73.7	98.7	1.3
	1512	3	61,365	10,617	17.3	.859	8,289	10,511	106	78.1	99.0	1.0
	1464	4	60,823	12,036	19.8	.868	9,035	11,830	206	75.1	98.3	1.7
	1586	4	61,086	12,059	19.7	.838	8,434	11,986	73	69.9	99.4	0.6

* FR: First rater; SR: Second rater.

Table S10.4: Summative Inter-Rater Result - Grade Band 4-5

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	2116	3	44,255	8,743	19.8	.770	6,374	8,610	133	72.9	98.5	1.5
	2150	3	44,486	8,834	19.9	.668	5,864	8,705	129	66.4	98.5	1.5
	2184	3	44,210	8,749	19.8	.909	7,969	8,681	68	91.1	99.2	0.8
	2186	3	44,133	8,722	19.8	.833	6,797	8,576	146	77.9	98.3	1.7
	2188	3	44,150	8,729	19.8	.753	6,282	8,555	174	72.0	98.0	2.0
	2098	5	44,142	8,721	19.8	.840	5,877	8,226	495	67.4	94.3	5.7
	2100	5	44,164	8,730	19.8	.770	5,042	8,354	376	57.8	95.7	4.3
	2206	5	44,119	8,683	19.7	.802	4,805	8,354	329	55.3	96.2	3.8
Writing	2350	3	44,320	8,546	19.3	.847	6,684	8,440	106	78.2	98.8	1.2
	2352	3	44,267	8,521	19.2	.857	6,706	8,425	96	78.7	98.9	1.1
	2354	3	44,235	8,585	19.4	.859	6,670	8,488	97	77.7	98.9	1.1
	2344	4	44,249	8,816	19.9	.806	5,414	8,551	265	61.4	97.0	3.0
	2306	5	44,071	8,709	19.8	.854	5,535	8,505	204	63.6	97.7	2.3

* FR: First rater; SR: Second rater.

Table S10.5: Summative Inter-Rater Result - Grade Band 6-8

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	2672	3	51,333	9,978	19.4	.763	7,511	9,911	67	75.3	99.3	0.7
	2676	3	50,907	9,935	19.5	.805	8,195	9,715	220	82.5	97.8	2.2
	2678	3	50,754	9,871	19.4	.783	7,944	9,754	117	80.5	98.8	1.2
	2680	3	50,775	9,896	19.5	.817	8,269	9,743	153	83.6	98.5	1.5
	2654	5	50,668	9,772	19.3	.869	6,396	9,420	352	65.5	96.4	3.6
	2656	5	50,593	9,821	19.4	.857	6,896	9,559	262	70.2	97.3	2.7
	2706	5	50,710	9,821	19.4	.882	6,653	9,615	206	67.7	97.9	2.1
Writing	2778	3	51,427	10,177	19.8	.822	7,242	10,109	68	71.2	99.3	0.7
	2806	3	51,637	9,853	19.1	.858	7,943	9,771	82	80.6	99.2	0.8
	2808	3	51,564	9,828	19.1	.858	7,813	9,756	72	79.5	99.3	0.7
	2810	3	51,549	9,942	19.3	.848	7,823	9,870	72	78.7	99.3	0.7
	2752	5	51,213	10,123	19.8	.847	6,234	9,899	224	61.6	97.8	2.2
	2796	5	51,389	10,141	19.7	.864	7,037	10,053	88	69.4	99.1	0.9

* FR: First rater; SR: Second rater.

Table S10.6: Summative Inter-Rater Result - Grade Band 9-12

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	3374	3	61,732	11,795	19.1	.749	8,534	11,695	100	72.4	99.2	0.8
	3382	3	61,209	11,757	19.2	.801	9,558	11,496	261	81.3	97.8	2.2
	3384	3	60,882	11,667	19.2	.792	9,311	11,485	182	79.8	98.4	1.6
	3386	3	60,960	11,680	19.2	.737	8,364	11,527	153	71.6	98.7	1.3
	3352	5	61,094	11,744	19.2	.874	8,677	11,196	548	73.9	95.3	4.7
	3354	5	60,648	11,592	19.1	.895	7,559	11,097	495	65.2	95.7	4.3
	3406	5	60,751	11,498	18.9	.831	6,543	11,010	488	56.9	95.8	4.2
Writing	3490	3	61,383	12,069	19.7	.750	7,638	11,887	182	63.3	98.5	1.5
	3516	3	62,129	11,642	18.7	.822	9,036	11,519	123	77.6	98.9	1.1
	3518	3	61,971	11,643	18.8	.827	9,001	11,537	106	77.3	99.1	0.9
	3520	3	61,947	11,791	19.0	.825	9,123	11,668	123	77.4	99.0	1.0
	3456	5	61,194	12,011	19.6	.827	7,549	11,832	179	62.9	98.5	1.5
	3494	5	61,220	12,003	19.6	.866	7,572	11,850	153	63.1	98.7	1.3

* FR: First rater; SR: Second rater.

Section 11: Summative Assessment - Dimensionality

Figure S11.1: Summative Validity - Dimensionality for Kindergarten

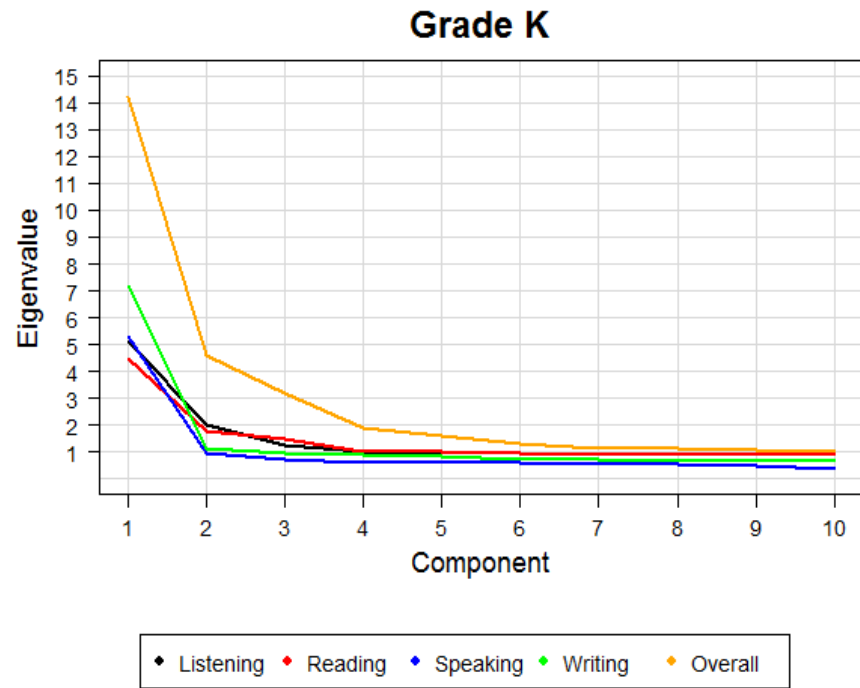


Figure S11.2: Summative Validity - Dimensionality for Grade 1

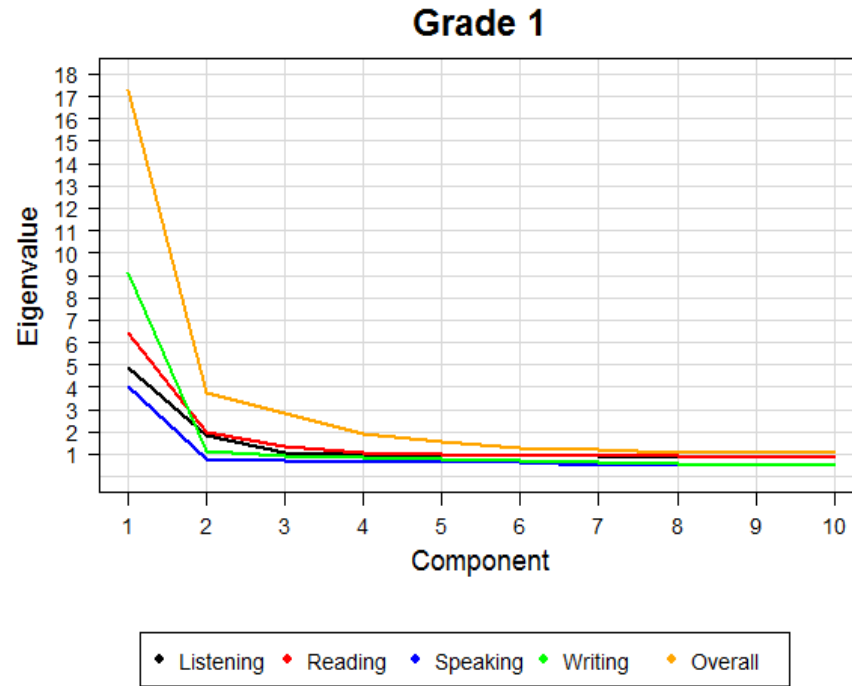


Figure S11.3: Summative Validity - Dimensionality for Grade Band 2-3

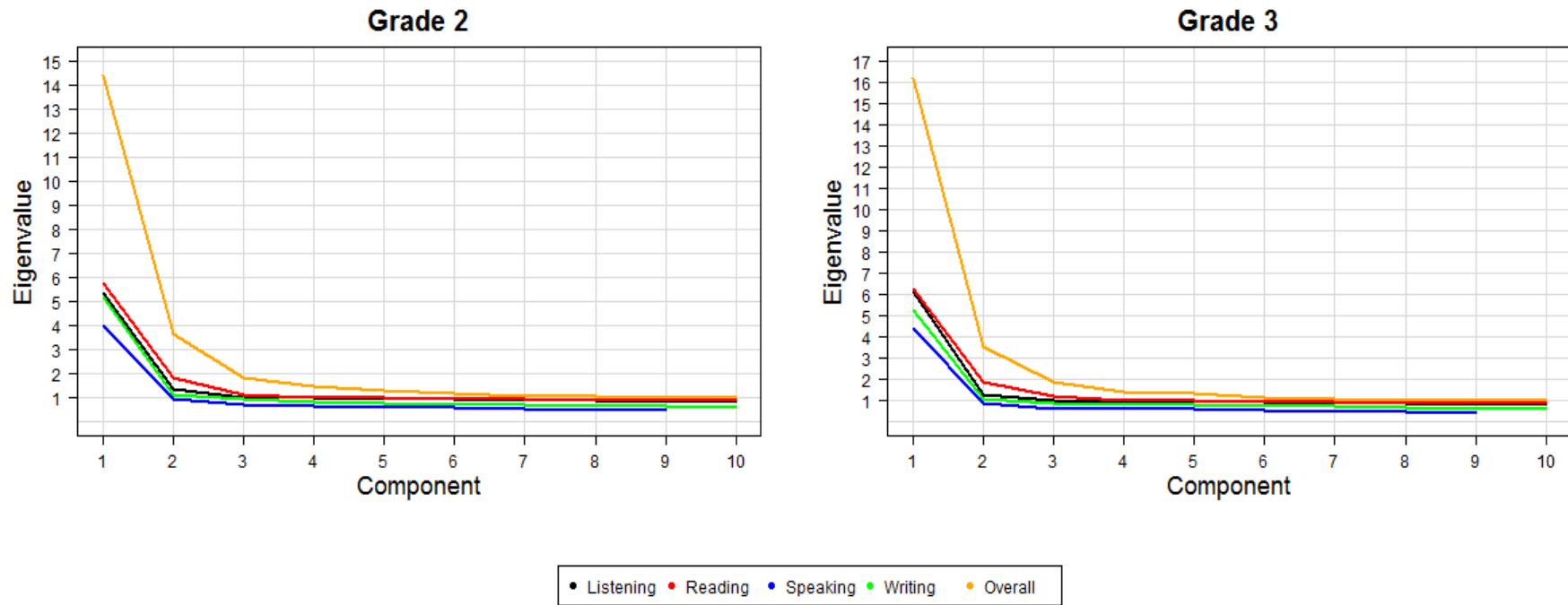


Figure S11.4: Summative Validity - Dimensionality for Grade Band 4-5

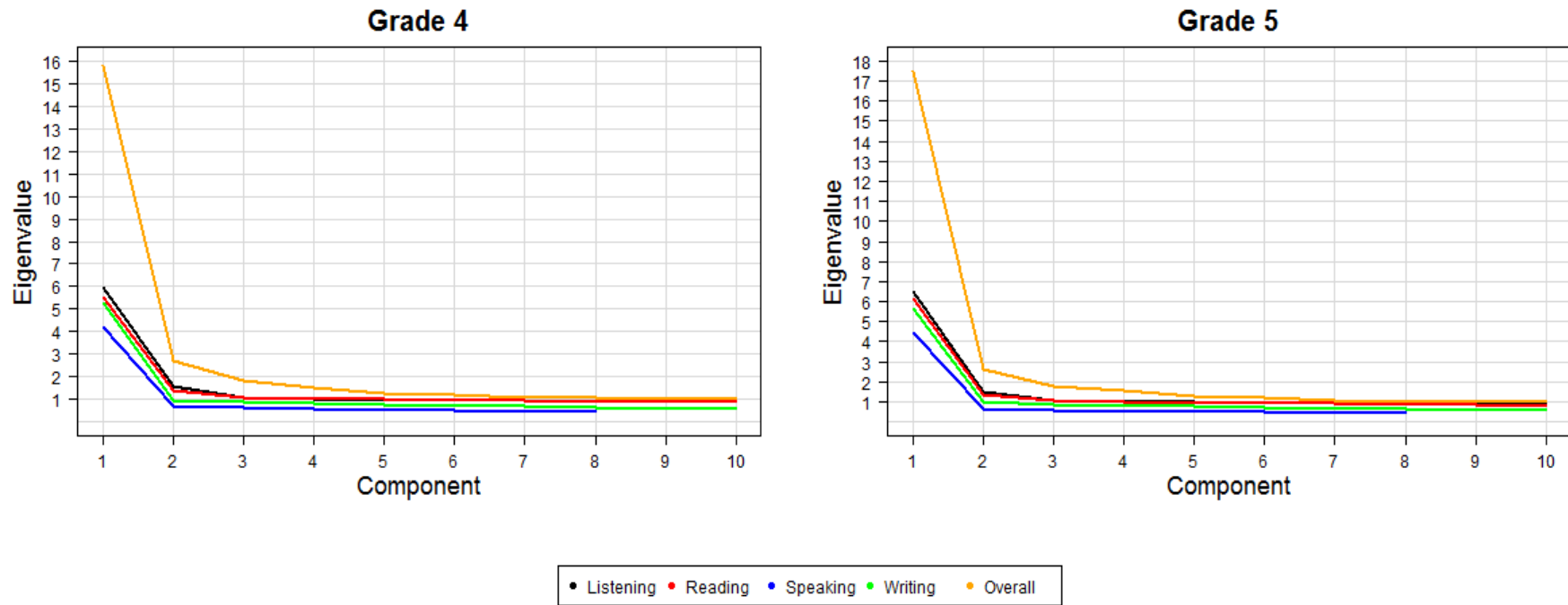


Figure S11.5: Summative Validity - Dimensionality for Grade Band 6-8

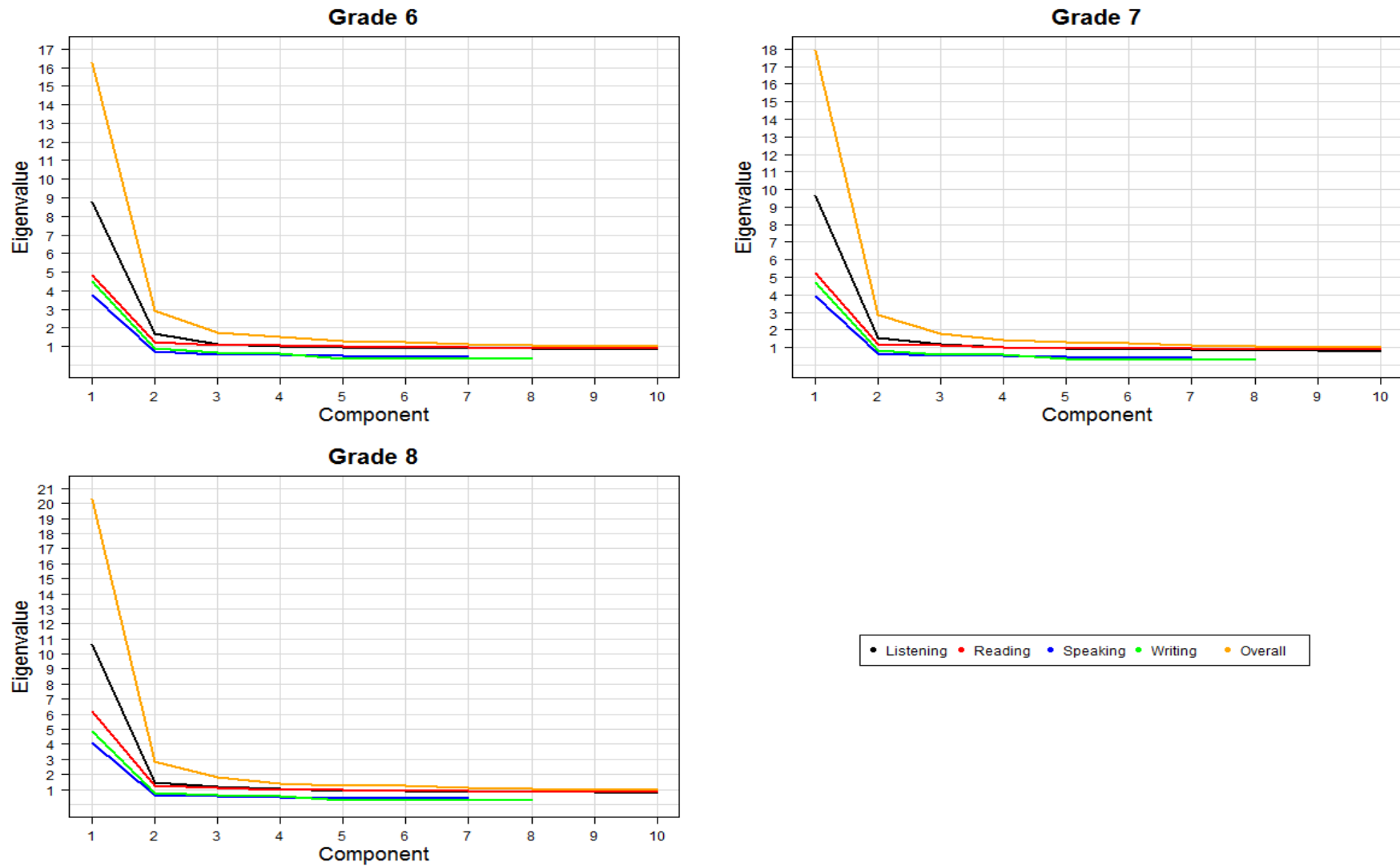
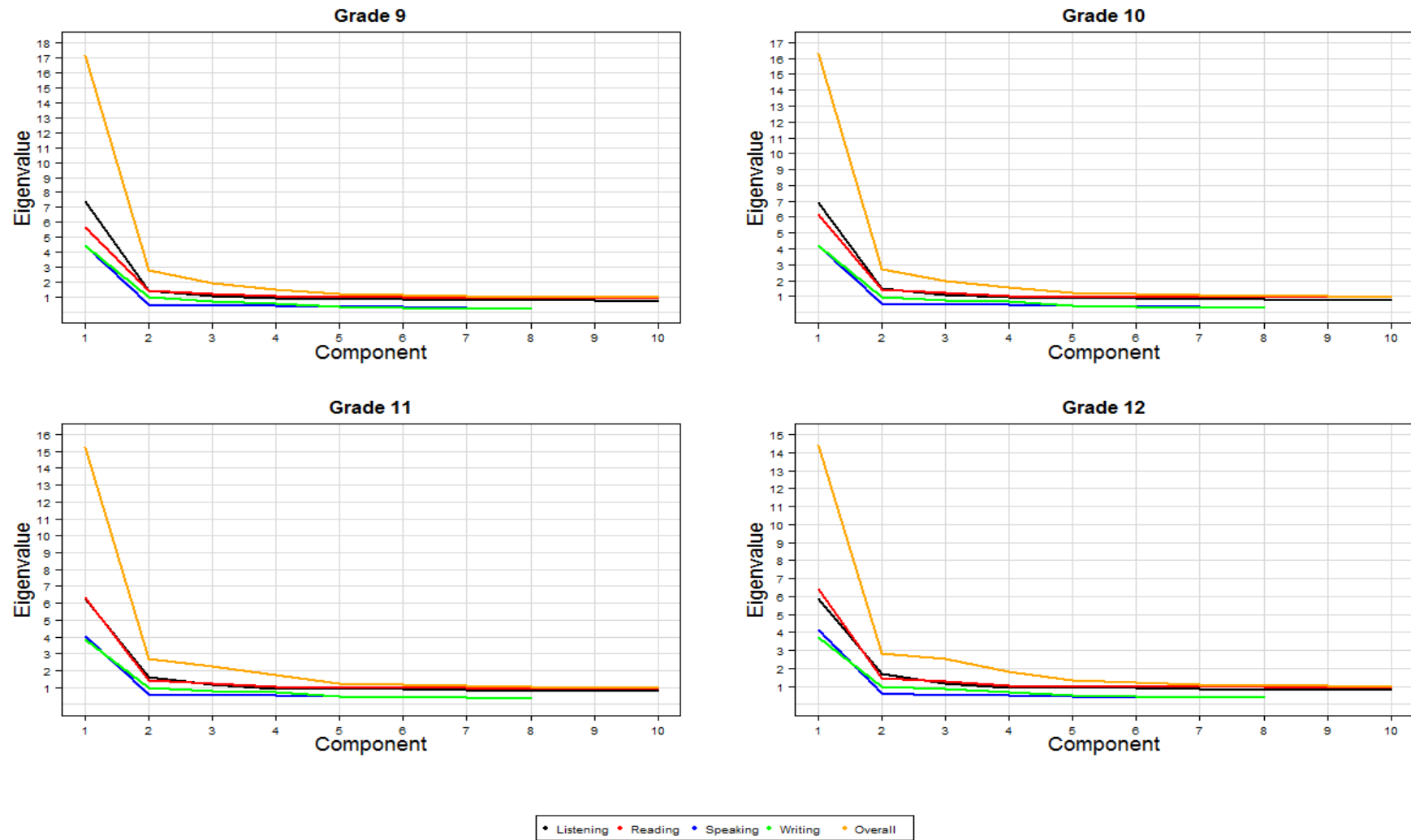


Figure S11.6: Summative Validity - Dimensionality for Grade Band 9-12



Section 12: Summative Assessment - Ability vs. Difficulty

Figure S12.1: Summative Validity - Ability vs. Difficulty for Kindergarten

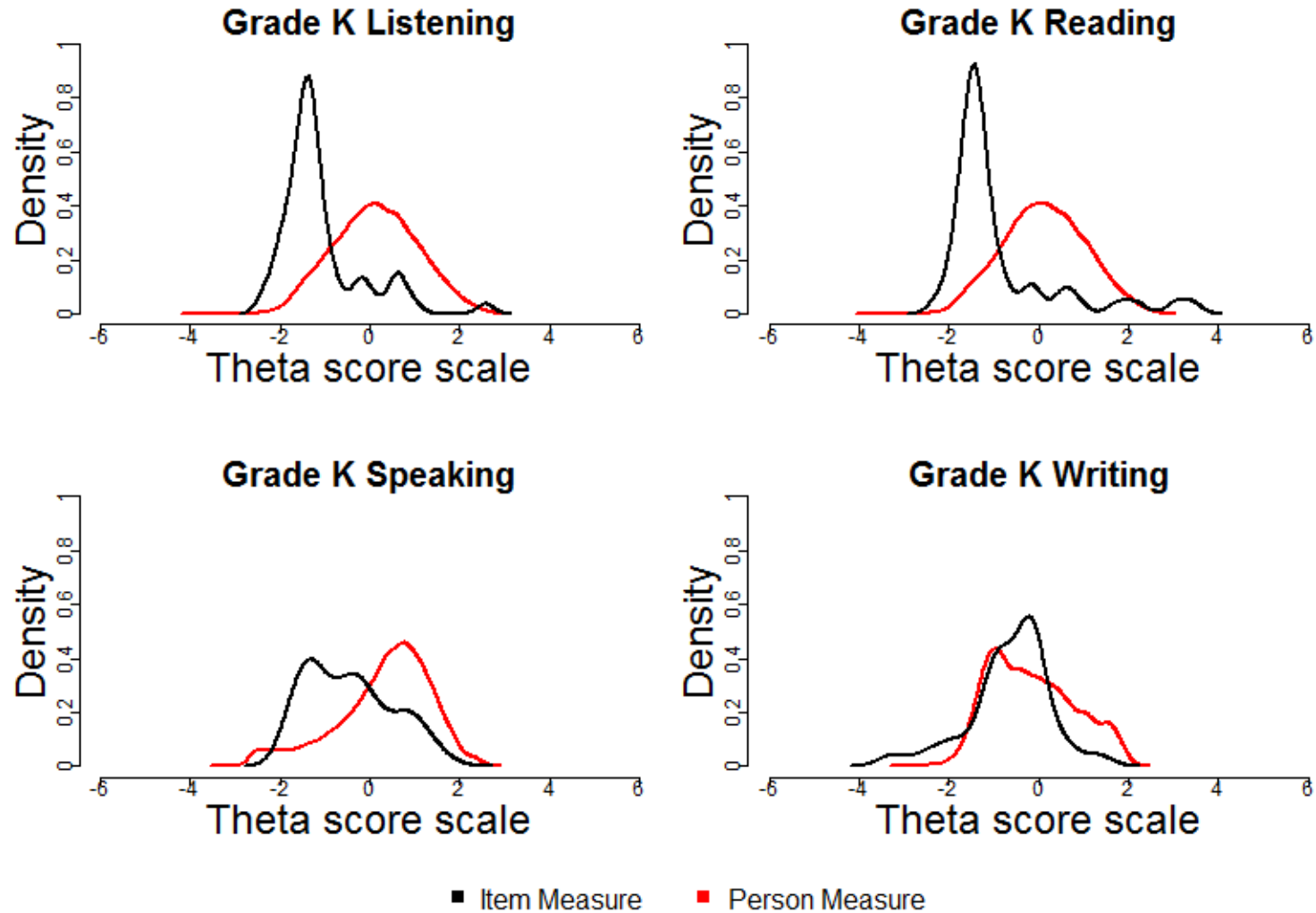


Figure S12.2: Summative Validity - Ability vs. Difficulty for Grade 1

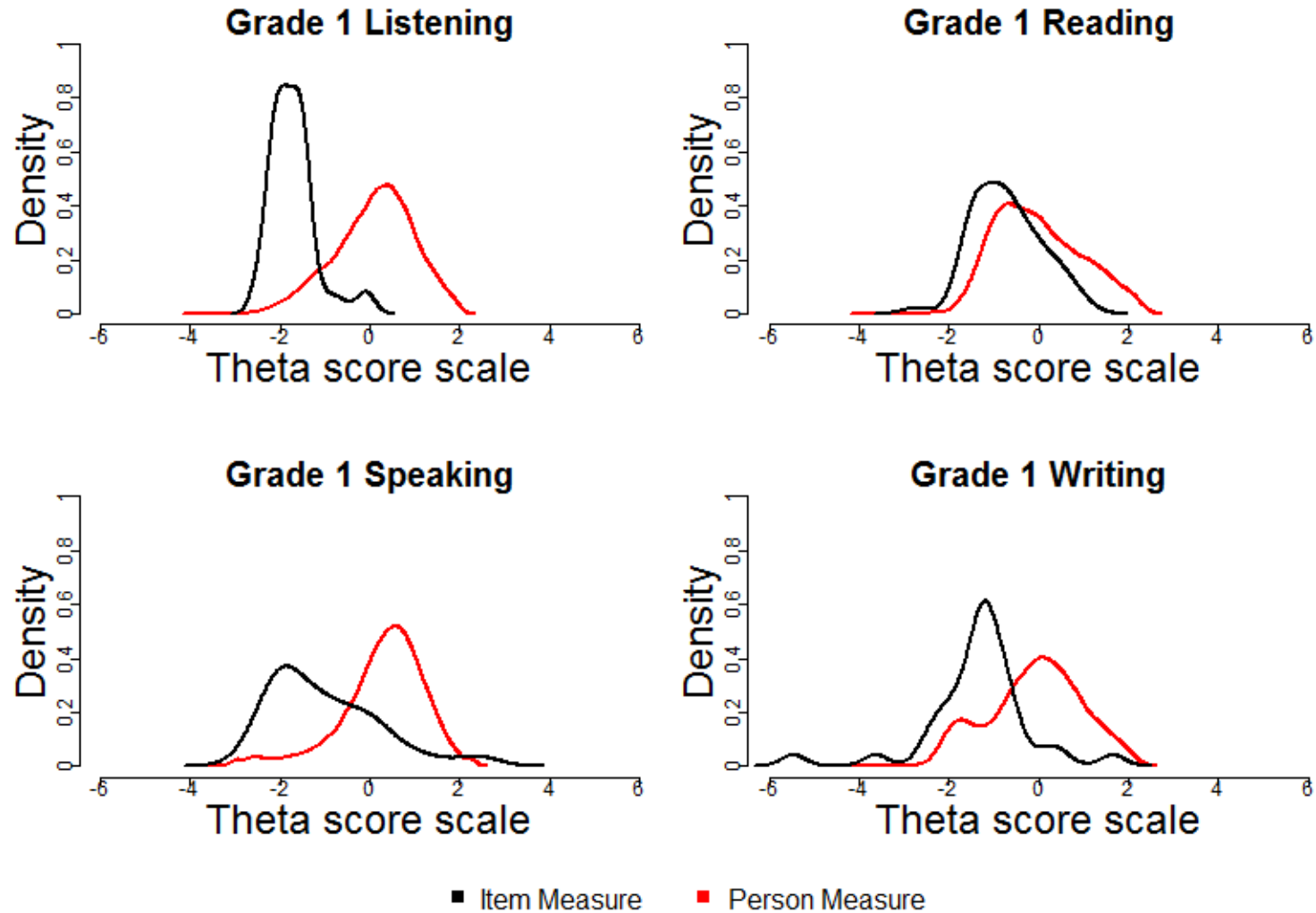


Figure S12.3: Summative Validity - Ability vs. Difficulty for Grade Band 2-3

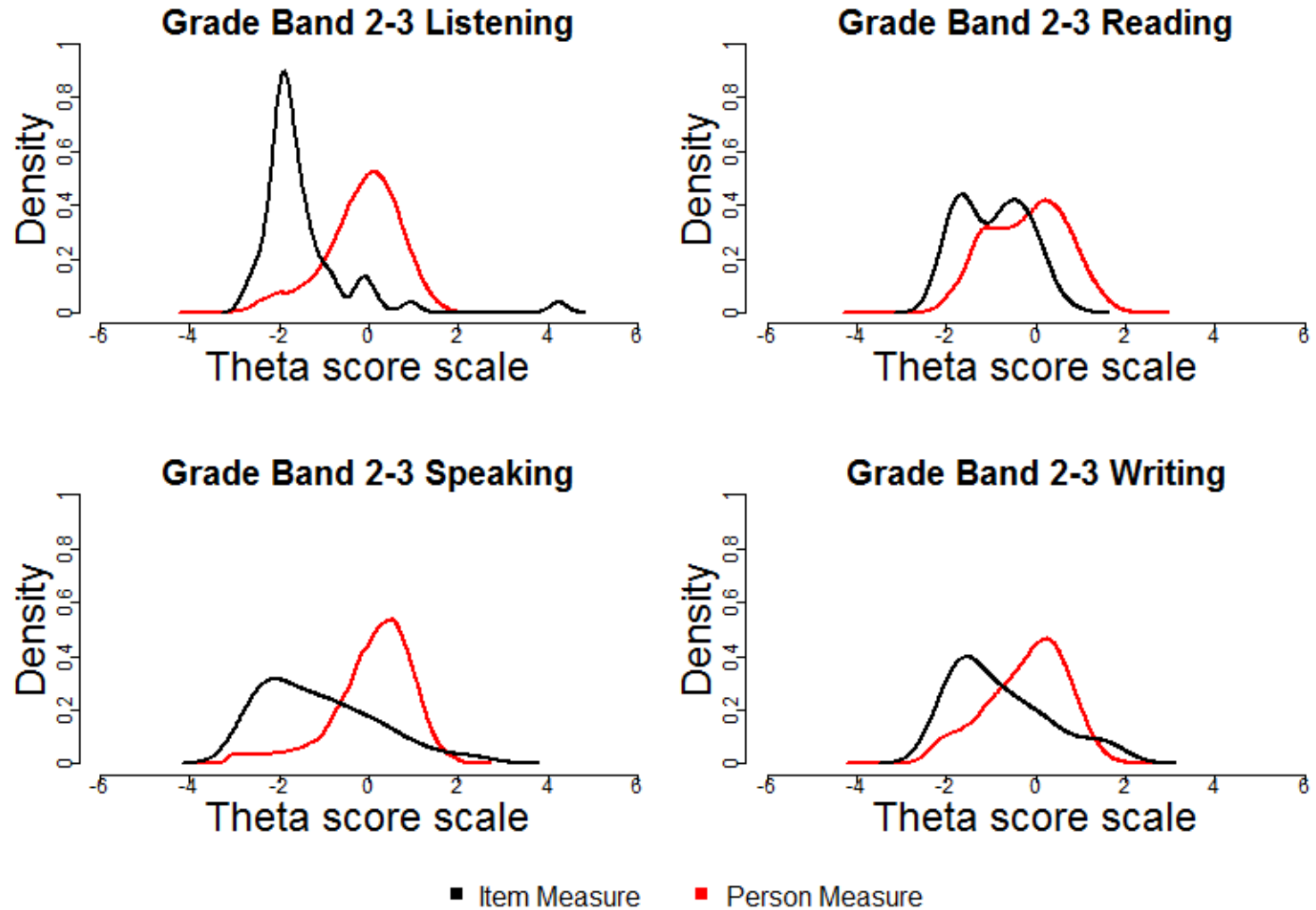


Figure S12.4: Summative Validity - Ability vs. Difficulty for Grade Band 4-5

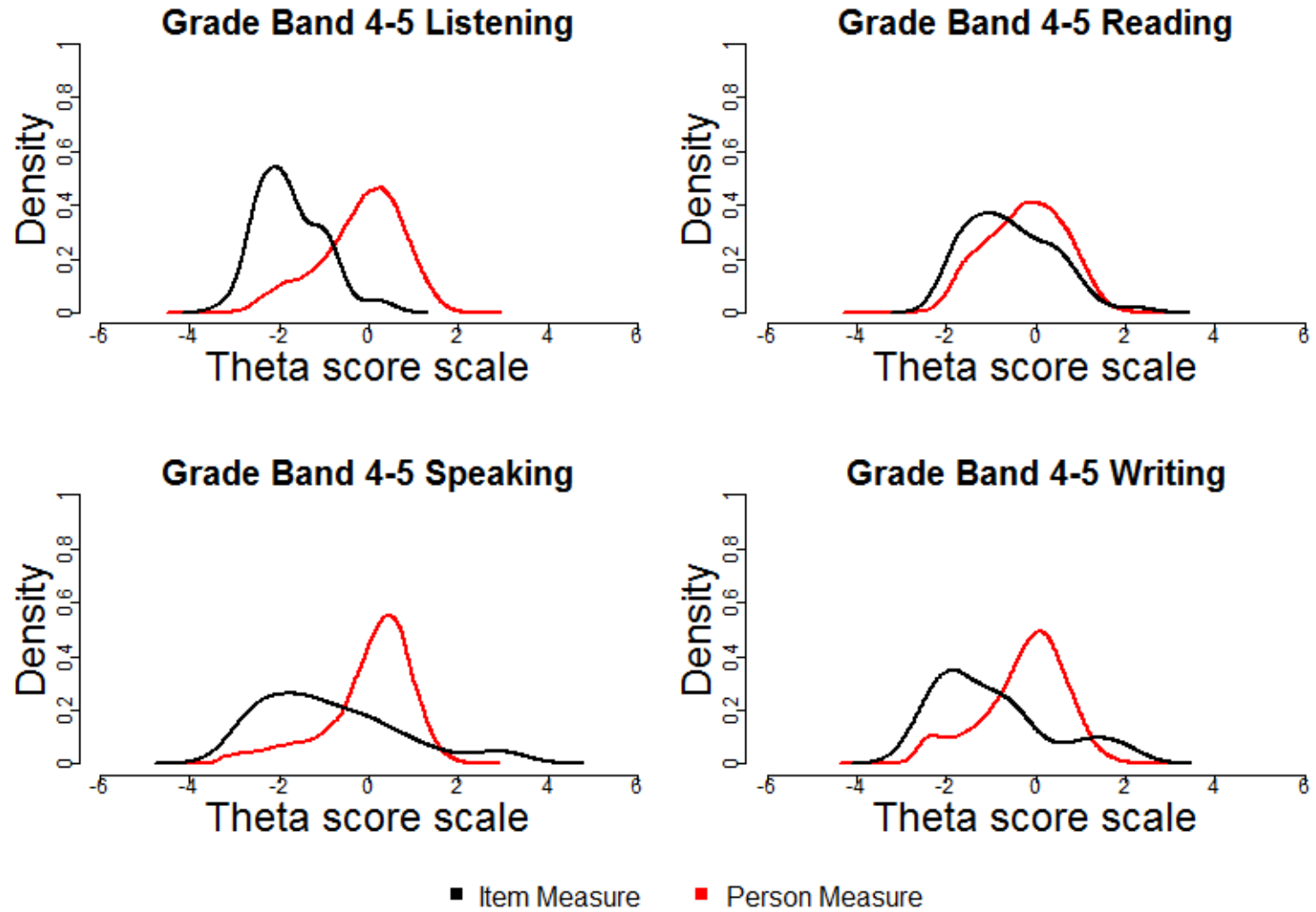


Figure S12.5: Summative Validity - Ability vs. Difficulty for Grade Band 6-8

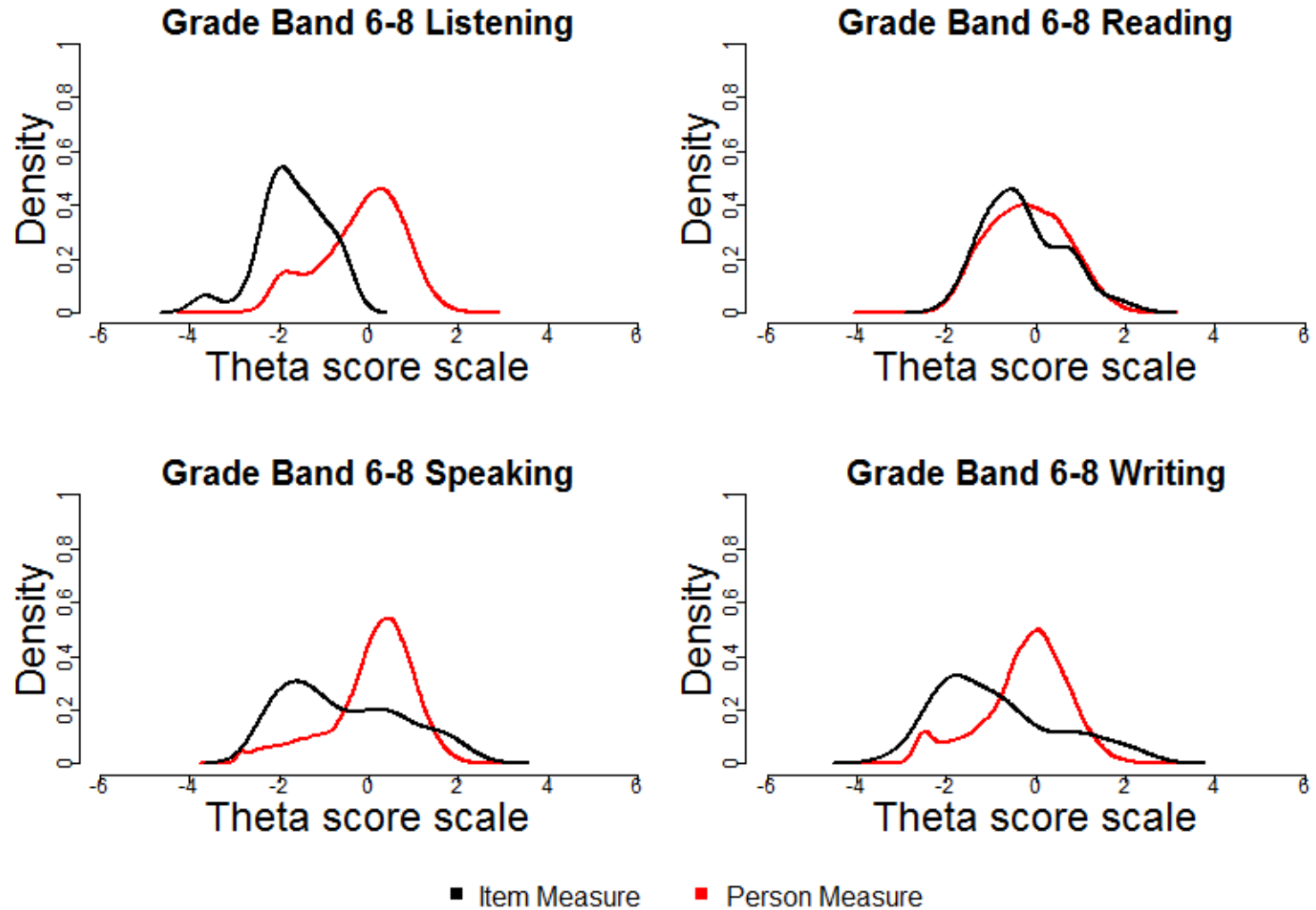
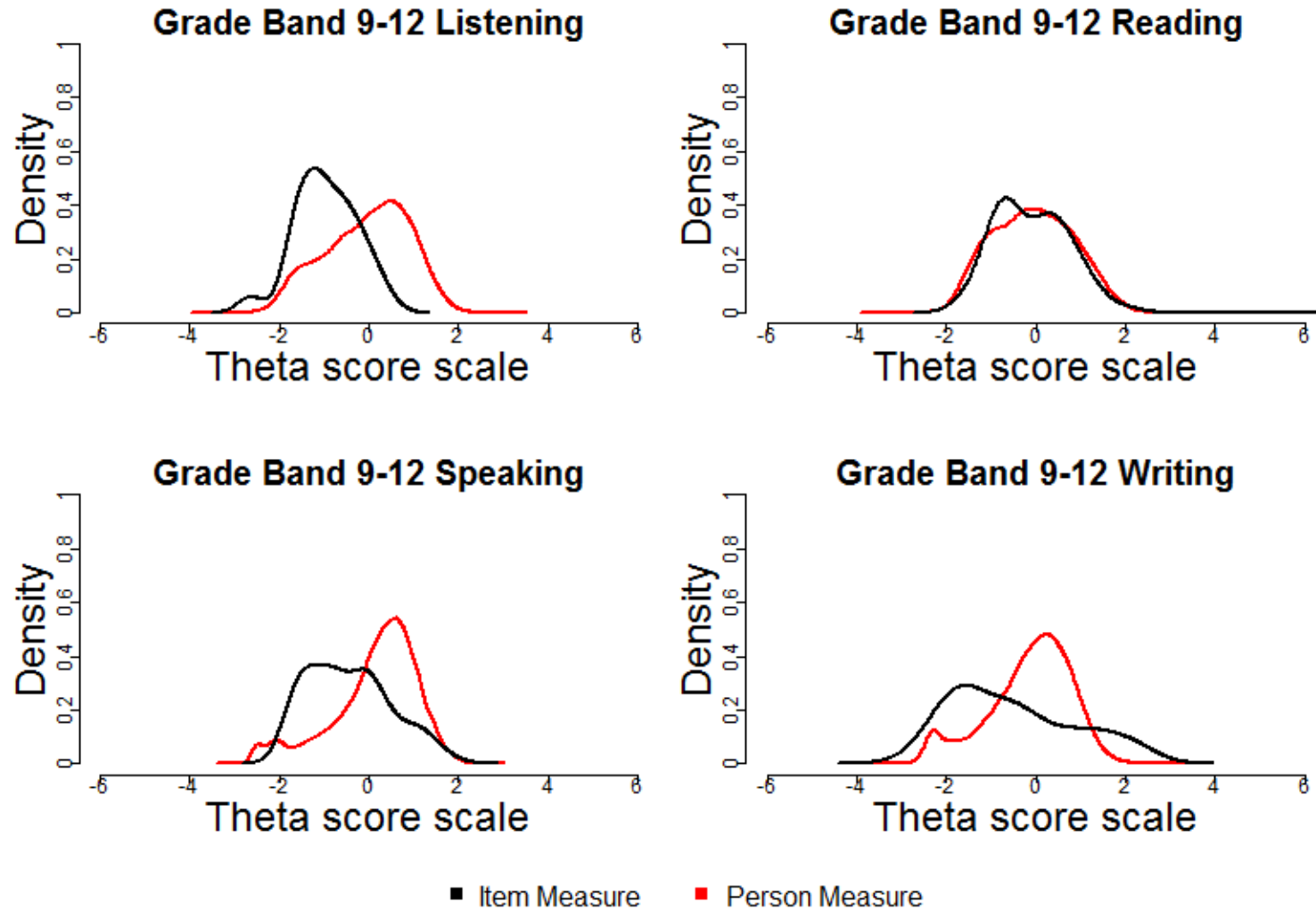


Figure S12.6: Summative Validity - Ability vs. Difficulty for Grade Band 9-12



Section 13: Summative Assessment - Mock Ups for Reporting

* Refer to the Appendix for each individual state

Section 14: Screener Assessment - Student Participation

Table S14.1: Students Who Participated in Each Mode of Testing

Grade	Total	Braille		Online		Paper	
		N	%	N	%	N	%
PreK	≥10,090	<50	0.00	≥10,090	100.00	<10	0.00
K	≥26,100	<50	0.00	≥26,020	99.70	≥70	0.30
1	≥5,760	<50	0.03	≥5,750	99.91	<10	0.05
2	≥4,390	<50	0.00	≥4,390	99.95	<10	0.05
3	≥4,010	<50	0.00	≥4,010	99.95	<10	0.05
4	≥3,650	<50	0.03	≥3,650	99.97	<10	0.00
5	≥3,410	<50	0.00	≥3,410	100.00	<10	0.00
6	≥3,150	<50	0.00	≥3,150	99.90	<10	0.10
7	≥3,200	<50	0.00	≥3,200	99.94	<10	0.06
8	≥2,810	<50	0.04	≥2,810	99.96	<10	0.00
9	≥5,100	<50	0.00	≥5,100	99.98	<10	0.02
10	≥2,960	<50	0.00	≥2,960	100.00	<10	0.00
11	≥2,390	<50	0.00	≥2,390	100.00	<10	0.00
12	≥1,620	<50	0.00	≥1,620	100.00	<10	0.00
Total	≥78,710	<50	0.01	78,610	99.88	≥90	0.12

Table S14.2: Student Participation by Subgroups

Subgroup	Status	PreK		K		1		2-3		4-5		6-8		9-12	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total		≥10,090	100.0	≥26,100	100.0	≥5,760	100.0	≥8,410	100.0	≥7,070	100.0	≥9,170	100.0	≥12,080	100.0
Grade	PreK	≥10,090	100.0												
	K			≥26,100	100.0										
	1					≥5,760	100.0								
	2							≥4,390	52.3						
	3							≥4,010	47.7						
	4									≥3,650	51.7				
	5									≥3,410	48.3				
	6											≥3,150	34.4		
	7											≥3,200	34.9		
	8											≥2,810	30.7		
	9													≥5,100	42.3
	10													≥2,960	24.5
	11													≥2,390	19.8
12													≥1,620	13.4	
Gender	Female	≥5,000	49.6	≥11,220	43.0	≥2,620	45.5	≥3,790	45.2	≥3,140	44.5	≥4,000	43.7	≥5,330	44.1
	Male	≥5,010	49.7	≥11,810	45.3	≥2,730	47.4	≥4,110	48.9	≥3,500	49.6	≥4,600	50.2	≥5,770	47.8
	Missing	≥70	0.8	≥3,050	11.7	≥410	7.1	≥490	5.9	≥410	5.9	≥560	6.1	≥978	8.1
Ethnicity	American Indian or Alaskan Native	≥20	0.2	≥130	0.5	≥60	1.1	≥80	1.0	≥80	1.1	≥100	1.1	≥105	0.9
	Asian	≥1,300	12.9	≥3,920	15.1	≥1,050	18.3	≥1,330	15.8	≥990	14.0	≥1,130	12.4	≥1,370	11.4

Subgroup	Status	PreK		K		1		2-3		4-5		6-8		9-12	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Black or African American	≥ 670	6.6	≥2,220	8.5	≥480	8.4	≥790	9.5	≥650	9.3	≥760	8.4	≥ 990	8.2
	Hispanic or Latino	≥7,120	70.5	≥6,500	24.9	≥2,260	39.2	≥3,450	41.0	≥2,920	41.4	≥4,310	47.0	≥5,310	44.0
	Native Hawaiian or Other Pacific Islander	<10		≥40	0.2	≥10	0.2	≥10	0.2	≥10	0.2	≥10	0.1	≥ 10	0.1
	Pacific Islander	≥330	3.3	≥200	0.8	≥110	2.0	≥180	2.2	≥150	2.2	≥180	2.1	≥230	2.0
	Two or More Races	≥ 70	0.7	≥1,220	4.7	≥260	4.6	≥410	4.9	≥360	5.1	≥400	4.4	≥440	3.7
	White	≥480	4.8	≥2,490	9.6	≥530	9.2	≥740	8.8	≥660	9.4	≥800	8.7	≥1,140	9.5
	Other/Unknown	≥90	0.9	≥9,340	35.8	≥970	16.9	≥1,390	16.6	≥1,220	17.3	≥1,440	15.8	≥2,450	20.3

Section 15: Screener Assessment - Scale Score Summary

* Domain tests with Exemption are excluded.

* The statistics are suppressed when the N count is fewer than 10.

Table S15.1: Screener Scale Score Summary by Subgroup - Pre-Kindergarten

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥9,480	314	512.8	714	65.8	≥9,480	318	509.5	708	65.0
Gender	Female	≥4,720	314	515.5	714	66.7	≥4,720	318	513.3	708	65.2
	Male	≥4,690	314	510.2	714	64.8	≥4,690	318	505.7	708	64.7
	Missing	≥70	314	511.8	629	65.4	≥70	318	509.4	632	63.0
Ethnicity	American Indian or Alaskan Native	≥20	314	532.7	663	76.1	≥20	318	530.7	659	73.6
	Asian	≥1,270	314	529.4	714	66.5	≥1,270	318	525.8	708	66.4
	Black or African American	≥640	314	514.0	701	67.1	≥640	318	507.9	694	67.3
	Hispanic or Latino	≥6,600	314	508.3	714	65.2	≥6,600	318	505.4	708	64.2
	Pacific Islander	≥310	328	498.7	620	49.0	≥310	340	493.5	626	49.9
	Two or More Races	≥60	314	537.7	661	67.0	≥60	318	534.8	661	67.3
	White	≥470	314	533.6	714	66.0	≥470	318	529.5	708	65.7
	Other/Unknown	≥80	314	519.0	700	66.2	≥80	318	517.5	694	64.5

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.1: Screener Scale Score Summary by Subgroup - Pre-Kindergarten (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥9,480	339	505.2	711	80.2	≥9,480	347	475.8	684	55.2
Gender	Female	≥4,720	339	510.2	711	80.3	≥4,720	347	476.9	684	54.3
	Male	≥4,690	339	500.0	711	79.7	≥4,690	347	474.6	684	56.3
	Missing	≥70	339	508.5	653	81.1	≥70	347	478.4	605	43.8
Ethnicity	American Indian or Alaskan Native	≥20	339	527.4	663	80.0	≥20	347	502.4	581	51.9
	Asian	≥1,270	339	521.7	711	77.7	≥1,270	347	496.7	684	65.6
	Black or African American	≥640	339	520.3	705	78.3	≥60	347	479.6	677	57.8
	Hispanic or Latino	≥6,600	339	498.6	711	80.1	≥6,600	347	470.6	684	51.4
	Pacific Islander	≥310	345	486.1	634	65.1	≥310	353	458.4	618	45.4
	Two or More Races	≥60	339	545.6	690	76.3	≥60	347	495.1	661	56.1
	White	≥470	339	535.4	711	81.1	≥470	347	493.0	684	61.3
	Other/Unknown	≥80	339	518.4	676	80.7	≥80	347	479.9	677	47.1

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.1: Screener Scale Score Summary by Subgroup - Pre-Kindergarten (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥9,480	3,978	5,324.7	6,375	500.9	≥9,480	3,646	5,073.6	6,763	506.7
Gender	Female	≥4,720	3,978	5,349.4	6,375	506.6	≥4,720	3,646	5,099.9	6,763	506.3
	Male	≥4,690	3,978	5,300.0	6,375	493.9	≥4,690	3,646	5,046.9	6,763	506.3
	Missing	≥70	3,978	5,313.2	6,182	504.4	≥70	3,646	5,084.8	5,948	468.2
Ethnicity	American Indian or Alaskan Native	≥20	3,978	5,463.4	6,375	554.7	≥20	3,646	5,262.4	6,183	547.1
	Asian	≥1,270	3,978	5,427.4	6,375	490.3	≥1,270	3,646	5,222.0	6,763	524.9
	Black or African American	≥640	3,978	5,292.1	6,375	501.0	≥640	3,646	5,115.8	6,680	516.4
	Hispanic or Latino	≥6,600	3,978	5,302.0	6,375	504.1	≥6,600	3,646	5,030.4	6,763	496.5
	Pacific Islander	≥310	4,099	5,216.3	6,101	400.9	≥310	3,746	4,936.0	5,930	390.3
	Two or More Races	≥60	3,978	5,483.4	6,375	505.2	≥60	3,646	5,299.8	6,479	502.1
	White	≥470	3,978	5,443.7	6,375	479.2	≥470	3,646	5,257.6	6,763	517.8
	Other/Unknown	≥80	3,978	5,371.7	6,375	507.5	≥80	3,646	5,138.6	6,605	478.0

* Scale scores cannot be compared across grade bands.

Table S15.2: Screener Scale Score Summary by Subgroup - Kindergarten

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥25,010	314	519.8	714	66.2	≥25,020	318	516.5	708	65.5
Gender	Female	≥10,830	314	523.8	714	67.6	≥10,840	318	521.1	708	66.0
	Male	≥11,240	314	517.3	714	65.3	≥11,240	318	513.3	708	65.5
	Missing	≥2,920	314	514.5	714	63.8	≥2,930	318	511.7	708	62.6
Ethnicity	American Indian or Alaskan Native	≥130	363	536.2	630	47.3	≥130	365	532.7	633	48.1
	Asian	≥3,820	314	539.8	714	72.5	≥3,820	318	535.8	708	72.2
	Black or African American	≥2,130	314	525.8	714	63.3	≥2,130	318	521.5	708	63.1
	Hispanic or Latino	≥6,190	314	512.5	714	62.7	≥6,190	318	509.7	708	61.8
	Native Hawaiian or Other Pacific Islander	≥40	370	535.2	658	59.8	≥40	405	536.7	656	55.3
	Pacific Islander	≥190	314	505.2	638	59.6	≥190	318	503.8	641	58.9
	Two or More Races	≥1,120	314	520.6	714	67.6	≥1,120	318	517.5	708	65.9
	White	≥2,400	314	522.8	714	69.4	≥2,410	318	518.9	708	68.8
Other/Unknown	≥8,950	314	514.0	714	63.8	≥8,950	318	511.0	708	63.1	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.2: Screener Scale Score Summary by Subgroup - Kindergarten (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥25,000	339	514.9	711	80.6	≥25,020	347	483.9	684	59.9
Gender	Female	≥10,830	339	521.4	711	80.8	≥10,840	347	485.6	684	60.0
	Male	≥11,240	339	509.8	711	80.6	≥11,240	347	483.3	684	61.2
	Missing	≥2,920	339	509.9	711	78.4	≥2,930	347	479.8	684	53.9
Ethnicity	American Indian or Alaskan Native	≥130	368	532.8	670	60.4	≥130	365	486.6	640	44.4
	Asian	≥3,820	339	535.6	711	82.6	≥3,820	347	510.8	684	73.5
	Black or African American	≥2,130	339	525.6	711	73.5	≥2,130	347	486.8	684	61.0
	Hispanic or Latino	≥6,190	339	503.1	711	79.7	≥6,190	347	475.4	684	51.8
	Native Hawaiian or Other Pacific Islander	≥40	365	529.1	687	74.1	≥40	421	488.6	606	45.7
	Pacific Islander	≥190	339	498.3	669	77.7	≥190	347	470.2	644	49.8
	Two or More Races	≥1,120	339	513.1	711	84.2	≥1,120	347	481.0	684	61.3
	White	≥2,400	339	519.7	711	85.2	≥2,410	347	485.5	684	61.5
Other/Unknown	≥8,950	339	510.5	711	78.6	≥8,950	347	477.8	684	54.6	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.2: Screener Scale Score Summary by Subgroup - Kindergarten (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥25,020	3,978	5,363.1	6,375	493.7	≥25,020	3,646	5,140.8	6,763	515.4
Gender	Female	≥10,840	3,978	5,396.0	6,375	499.8	≥10,840	3,646	5,175.8	6,763	518.3
	Male	≥11,250	3,978	5,340.3	6,375	487.8	≥11,250	3,646	5,117.2	6,763	517.8
	Missing	≥2,930	3,978	5,328.9	6,375	486.6	≥2,930	3,646	5,101.4	6,763	486.2
Ethnicity	American Indian or Alaskan Native	≥130	4,216	5,517.5	6,375	402.8	≥130	4,033	5,252.0	6,114	345.7
	Asian	≥3,820	3,978	5,471.5	6,375	506.0	≥3,820	3,646	5,322.7	6,763	578.0
	Black or African American	≥2,130	3,978	5,402.8	6,375	478.4	≥2,130	3,646	5,193.8	6,763	487.2
	Hispanic or Latino	≥6,190	3,978	5,327.6	6,375	484.1	≥6,190	3,646	5,068.4	6,763	482.6
	Native Hawaiian or Other Pacific Islander	≥40	4,359	5,532.3	6,375	464.2	≥40	4,279	5,252.9	6,201	428.0
	Pacific Islander	≥190	3,978	5,271.5	6,235	462.2	≥190	3,646	5,022.8	6,132	460.0
	Two or More Races	≥1,120	3,978	5,377.9	6,375	496.7	≥1,120	3,646	5,132.0	6,763	528.1
	White	≥2,410	3,978	5,375.8	6,375	507.2	≥2,410	3,646	5,163.1	6,763	542.7
	Other/Unknown	≥8,950	3,978	5,325.3	6,375	488.2	≥8,950	3,646	5,095.8	6,763	488.8

* Scale scores cannot be compared across grade bands.

Table S15.3: Screener Scale Score Summary by Subgroup - Grade 1

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥5,310	288	497.2	678	94.0	≥5,310	286	480.6	704	96.5
Gender	Female	≥2,400	288	502.4	678	92.8	≥2,400	286	483.8	704	97.6
	Male	≥2,520	288	492.5	678	94.9	≥2,520	286	477.8	704	95.4
	Missing	≥380	288	495.5	678	93.5	≥380	286	478.9	704	95.9
Ethnicity	American Indian or Alaskan Native	≥60	362	510.1	643	65.6	≥60	352	482.4	631	71.0
	Asian	≥1,020	288	537.6	678	93.2	≥1,020	286	530.1	704	100.1
	Black or African American	≥460	288	507.8	678	85.2	≥460	286	490.5	704	89.5
	Hispanic or Latino	≥1,970	288	468.3	678	88.8	≥1,970	286	448.3	704	83.8
	Native Hawaiian or Other Pacific Islander	≥10	337	497.9	596	81.7	≥10	377	463.4	625	83.3
	Pacific Islander	≥100	288	478.8	648	73.3	≥100	286	448.5	662	71.8
	Two or More Races	≥240	288	507.8	678	91.8	≥240	286	490.3	704	94.4
	White	≥500	288	511.4	678	91.6	≥500	286	493.9	704	95.8
Other/Unknown	≥910	288	499.5	678	95.3	≥910	286	483.7	704	99.0	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.3: Screener Scale Score Summary by Subgroup - Grade 1 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥5,310	310	477.5	669	100.6	≥5,310	283	476.7	698	97.2
Gender	Female	≥2,400	310	481.0	669	101.8	≥2,400	283	480.3	698	98.3
	Male	≥2,520	310	474.1	669	99.4	≥2,520	283	473.5	698	96.3
	Missing	≥380	310	478.3	669	99.5	≥380	283	475.7	698	96.0
Ethnicity	American Indian or Alaskan Native	≥60	338	485.2	639	68.3	≥60	330	483.5	646	71.8
	Asian	≥1,020	310	518.0	669	96.7	≥1,020	283	525.2	698	100.1
	Black or African American	≥460	310	494.9	669	90.1	≥460	283	484.4	698	90.0
	Hispanic or Latino	≥1,970	310	444.9	669	97.4	≥1,970	283	445.1	698	85.9
	Native Hawaiian or Other Pacific Islander	≥10	340	485.3	629	78.7	≥10	384	467.4	620	78.3
	Pacific Islander	≥100	310	472.8	632	77.4	≥100	283	446.8	644	74.4
	Two or More Races	≥240	310	488.8	669	99.4	≥240	283	486.3	698	96.9
	White	≥500	310	496.3	669	99.7	≥500	283	490.6	698	96.7
Other/Unknown	≥910	310	480.3	669	99.5	≥910	283	479.7	698	99.1	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.3: Screener Scale Score Summary by Subgroup - Grade 1 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥5,310	3,785	5,120.7	6,387	649.6	≥5,310	3,364	4,943.8	6,629	773.4
Gender	Female	≥2,400	3,785	5,149.2	6,387	647.6	≥2,400	3,364	4,975.7	6,629	779.0
	Male	≥2,520	3,785	5,095.9	6,387	650.3	≥2,520	3,364	4,914.7	6,629	768.7
	Missing	≥380	3,785	5,105.8	6,387	652.1	≥380	3,364	4,935.2	6,629	762.9
Ethnicity	American Indian or Alaskan Native	≥60	4,246	5,174.2	5,999	483.1	≥60	3,863	5,003.5	6,272	520.9
	Asian	≥1,020	3,785	5,430.3	6,387	659.1	≥1,020	3,364	5,313.4	6,629	779.2
	Black or African American	≥460	3,785	5,204.9	6,387	604.0	≥460	3,364	5,039.9	6,629	699.9
	Hispanic or Latino	≥1,970	3,785	4,909.0	6,387	583.5	≥1,970	3,364	4,682.9	6,629	704.9
	Native Hawaiian or Other Pacific Islander	≥10	4,053	5,033.4	5,860	580.3	≥10	4,090	4,907.6	6,060	622.0
	Pacific Islander	≥100	3,785	4,928.6	6,387	492.7	≥100	3,364	4,768.9	6,194	577.2
	Two or More Races	≥240	3,785	5,189.0	6,387	623.9	≥240	3,364	5,032.9	6,629	764.9
	White	≥500	3,785	5,210.0	6,387	639.2	≥500	3,364	5,070.4	6,629	766.5
Other/Unknown	≥910	3,785	5,139.7	6,387	669.9	≥910	3,364	4,966.2	6,629	781.3	

* Scale scores cannot be compared across grade bands.

Table S15.4: Screener Scale Score Summary by Subgroup - Grade 2

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,030	286	482.8	710	89.3	≥4,030	278	471.3	734	97.9
Gender	Female	≥1,780	286	489.9	710	91.0	≥1,780	278	478.0	734	98.9
	Male	≥2,000	286	476.6	710	87.6	≥2,000	278	465.4	734	96.6
	Missing	≥240	286	480.6	710	86.6	≥240	278	470.4	734	98.2
Ethnicity	American Indian or Alaskan Native	≥30	286	514.3	608	52.7	≥30	278	489.1	588	59.3
	Asian	≥720	286	519.9	710	93.7	≥720	278	518.5	734	102.3
	Black or African American	≥380	286	493.1	710	80.3	≥380	278	480.3	734	88.0
	Hispanic or Latino	≥1,560	286	459.2	694	82.5	≥1,560	278	443.7	726	88.0
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥90	286	476.3	610	62.5	≥90	278	457.9	608	74.4
	Two or More Races	≥190	286	489.0	679	83.3	≥190	278	475.6	697	89.1
	White	≥360	286	491.9	710	92.8	≥360	278	482.2	734	101.6
Other/Unknown	≥660	286	484.2	710	92.5	≥660	278	473.2	734	103.7	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.4: Screener Scale Score Summary by Subgroup - Grade 2 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,030	292	460.3	703	104.1	≥4,030	276	467.7	737	100.2
Gender	Female	≥1,780	292	467.5	703	104.4	≥1,780	276	474.7	737	101.5
	Male	≥2,000	292	454.2	703	103.1	≥2,000	276	461.4	737	98.6
	Missing	≥240	292	458.0	703	106.8	≥240	276	467.8	737	100.7
Ethnicity	American Indian or Alaskan Native	≥30	292	496.0	617	58.3	≥30	276	483.4	612	62.1
	Asian	≥720	292	499.6	703	105.7	≥720	276	517.4	737	104.2
	Black or African American	≥380	292	482.5	703	90.2	≥380	276	475.5	737	90.3
	Hispanic or Latino	≥1,560	292	431.0	698	98.9	≥1,560	276	438.5	730	90.0
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥90	292	465.8	606	70.0	≥90	276	456.4	612	74.3
	Two or More Races	≥190	292	472.6	677	98.9	≥190	276	469.9	703	91.3
	White	≥360	292	474.0	703	108.4	≥360	276	478.8	737	103.6
Other/Unknown	≥660	292	459.6	703	107.1	≥660	276	471.6	737	105.5	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.4: Screener Scale Score Summary by Subgroup - Grade 2 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,030	3,756	5,027.7	6,439	664.9	≥4,030	3,326	4,842.0	6,880	780.5
Gender	Female	≥1,780	3,756	5,078.3	6,439	674.0	≥1,780	3,326	4,899.3	6,880	789.3
	Male	≥2,000	3,756	4,984.7	6,439	656.3	≥2,000	3,326	4,792.0	6,880	769.4
	Missing	≥240	3,756	5,009.1	6,439	645.2	≥240	3,326	4,832.5	6,880	780.9
Ethnicity	American Indian or Alaskan Native	≥ 30	3,756	5,280.3	5,869	450.7	≥30	3,326	5,051.4	5,814	425.0
	Asian	≥720	3,756	5,311.7	6,439	684.1	≥720	3,326	5,195.7	6,880	809.6
	Black or African American	≥380	3,756	5,105.7	6,439	610.2	≥380	3,326	4,945.2	6,880	691.4
	Hispanic or Latino	≥1,560	3,756	4,854.3	6,439	616.0	≥1,560	3,326	4,616.7	6,798	715.1
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥90	3,756	4,950.3	6,122	520.8	≥90	3,326	4,789.4	5,836	547.9
	Two or More Races	≥190	3,756	5,075.1	6,439	625.5	≥190	3,326	4,895.8	6,575	724.6
	White	≥360	3,756	5,092.1	6,439	676.9	≥360	3,326	4,935.5	6,880	813.7
Other/Unknown	≥660	3,756	5,028.6	6,439	692.8	≥660	3,326	4,855.3	6,880	814.2	

* Scale scores cannot be compared across grade bands.

Table S15.5: Screener Scale Score Summary by Subgroup - Grade 3

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,670	286	499.3	710	101.7	≥3,670	278	494.2	734	111.0
Gender	Female	≥1,690	286	507.3	710	102.9	≥1,680	278	502.8	734	111.8
	Male	≥1,760	286	492.6	710	100.3	≥1,760	278	487.3	734	110.1
	Missing	≥220	286	491.3	710	100.2	≥220	278	484.7	734	108.4
Ethnicity	American Indian or Alaskan Native	≥40	378	554.0	710	71.0	≥40	357	547.5	734	83.7
	Asian	≥570	286	539.6	710	100.8	≥570	278	543.0	734	109.4
	Black or African American	≥360	286	495.2	710	99.6	≥360	278	491.7	734	107.5
	Hispanic or Latino	≥1,450	286	478.6	710	97.5	≥1,450	278	469.3	734	106.1
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥80	294	493.9	658	74.2	≥80	292	485.7	663	88.0
	Two or More Races	≥180	286	508.3	710	97.6	≥180	278	497.0	734	108.1
	White	≥320	286	512.3	710	111.1	≥320	278	510.6	734	120.1
Other/Unknown	≥640	286	500.5	710	101.5	≥640	278	497.0	734	109.0	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.5: Screener Scale Score Summary by Subgroup - Grade 3 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,670	292	474.8	703	116.6	≥3,670	276	492.3	737	113.1
Gender	Female	≥1,680	292	482.3	703	117.7	≥1,680	276	500.7	737	114.1
	Male	≥1,760	292	468.3	703	115.3	≥1,760	276	485.3	737	111.7
	Missing	≥ 220	292	468.6	703	115.7	≥220	276	484.1	737	112.2
Ethnicity	American Indian or Alaskan Native	≥40	322	533.8	703	79.5	≥40	347	546.6	737	84.5
	Asian	≥570	292	520.8	703	113.7	≥570	276	542.9	737	110.3
	Black or African American	≥360	292	481.5	703	110.6	≥360	276	489.1	737	109.5
	Hispanic or Latino	≥1,450	292	447.5	703	113.7	≥1,450	276	466.2	737	108.2
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥80	310	472.8	662	86.0	≥80	288	482.4	662	88.3
	Two or More Races	≥180	292	483.7	703	116.6	≥180	276	494.8	737	110.7
	White	≥320	292	494.0	703	122.9	≥320	276	510.4	737	121.1
Other/Unknown	≥640	292	475.5	703	114.4	≥640	276	495.9	737	111.5	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.5: Screener Scale Score Summary by Subgroup - Grade 3 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,670	3,756	5,153.0	6,439	738.3	≥3,670	3,326	5,002.0	6,880	888.3
Gender	Female	≥1,690	3,756	5,212.0	6,439	743.4	≥1,690	3,326	5,068.1	6,880	896.9
	Male	≥1,760	3,756	5,107.0	6,439	732.3	≥1,760	3,326	4,946.9	6,880	877.3
	Missing	≥220	3,756	5,069.4	6,439	716.1	≥220	3,326	4,935.3	6,880	878.2
Ethnicity	American Indian or Alaskan Native	≥ 40	4,255	5,549.3	6,439	544.9	≥40	3,862	5,454.9	6,880	628.0
	Asian	≥570	3,756	5,446.5	6,439	714.0	≥570	3,326	5,382.7	6,880	870.2
	Black or African American	≥360	3,756	5,135.7	6,439	720.2	≥360	3,326	4,997.1	6,880	854.9
	Hispanic or Latino	≥1,450	3,756	5,004.3	6,439	717.7	≥1,450	3,326	4,799.5	6,880	855.3
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥80	3,756	5,135.8	6,233	598.6	≥80	3,499	4,950.4	6,402	668.1
	Two or More Races	≥180	3,756	5,192.9	6,439	711.5	≥180	3,326	5,047.1	6,880	866.8
	White	≥320	3,756	5,238.2	6,439	794.3	≥320	3,326	5,138.9	6,880	954.4
Other/Unknown	≥640	3,756	5,159.1	6,439	731.3	≥640	3,326	5,017.7	6,880	875.0	

* Scale scores cannot be compared across grade bands.

Table S15.6: Screener Scale Score Summary by Subgroup - Grade 4

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,320	270	478.7	778	112.0	≥3,320	270	482.1	795	110.9
Gender	Female	≥1,450	270	487.7	768	112.4	≥1,450	270	489.3	781	111.2
	Male	≥1,650	270	469.8	778	111.4	≥1,650	270	474.9	795	110.1
	Missing	≥210	270	486.8	712	108.9	≥210	270	489.2	729	110.9
Ethnicity	American Indian or Alaskan Native	≥50	335	512.7	636	76.6	≥ 50	346	509.4	662	84.2
	Asian	≥500	270	529.0	778	110.5	≥500	270	529.1	795	114.1
	Black or African American	≥310	270	492.8	747	104.0	≥310	270	496.4	769	103.0
	Hispanic or Latino	≥1,290	270	448.3	762	105.5	≥1,290	270	452.7	773	101.8
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	297	482.6	683	83.4	≥70	333	481.4	701	86.9
	Two or More Races	≥160	270	493.7	757	117.4	≥160	270	498.0	775	116.2
	White	≥300	270	481.4	768	129.2	≥300	270	484.7	781	129.2
Other/Unknown	≥590	270	486.0	730	106.3	≥590	270	490.4	739	106.0	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.6: Screener Scale Score Summary by Subgroup - Grade 4 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,310	270	480.0	786	132.9	≥3,320	268	478.5	797	116.0
Gender	Female	≥1,450	270	488.9	780	134.6	≥1,450	268	487.4	787	116.7
	Male	≥1,650	270	470.3	786	130.9	≥1,650	268	469.7	797	114.9
	Missing	≥ 210	270	494.4	749	132.1	≥210	268	486.1	731	115.9
Ethnicity	American Indian or Alaskan Native	≥50	298	518.3	687	86.4	≥ 50	323	510.1	655	83.8
	Asian	≥500	270	535.4	786	127.3	≥ 500	268	530.8	797	116.0
	Black or African American	≥310	270	511.7	772	122.5	≥ 310	268	495.1	776	109.4
	Hispanic or Latino	≥1,290	270	441.1	776	128.6	≥1,290	268	446.2	782	107.2
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	290	502.8	676	89.5	≥70	307	480.9	677	89.0
	Two or More Races	≥160	270	499.4	773	143.2	≥160	268	495.6	770	122.3
	White	≥300	270	488.9	780	146.5	≥300	268	483.5	787	134.7
Other/Unknown	≥590	270	484.5	742	123.9	≥590	268	484.9	750	110.2	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.6: Screener Scale Score Summary by Subgroup - Grade 4 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,320	3,649	5,008.2	6,700	741.9	≥3,320	3,237	4,929.1	7,401	944.8
Gender	Female	≥1,450	3,649	5,056.4	6,700	739.8	≥1,450	3,237	4,998.1	7,320	950.2
	Male	≥1,650	3,649	4,960.1	6,700	744.1	≥1,650	3,237	4,859.0	7,401	936.2
	Missing	≥210	3,649	5,053.9	6,519	717.6	≥210	3,237	5,005.2	6,891	939.0
Ethnicity	American Indian or Alaskan Native	≥50	4,109	5,230.1	6,324	577.9	≥ 50	3,660	5,200.0	6,377	656.5
	Asian	≥500	3,649	5,309.3	6,700	734.0	≥ 500	3,237	5,345.2	7,401	931.6
	Black or African American	≥310	3,649	5,079.0	6,588	677.4	≥ 310	3,237	5,083.5	7,208	874.1
	Hispanic or Latino	≥1,290	3,649	4,821.9	6,700	702.3	≥1,290	3,237	4,663.0	7,277	889.6
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	3,879	5,008.5	6,700	597.9	≥70	3,513	4,988.3	6,585	696.9
	Two or More Races	≥160	3,649	5,095.1	6,700	762.6	≥160	3,237	5,064.3	7,242	998.7
	White	≥300	3,649	4,998.9	6,700	832.1	≥300	3,237	4,968.5	7,320	1,080.0
Other/Unknown	≥590	3,649	5,081.5	6,700	730.3	≥590	3,237	4,983.4	6,910	894.6	

* Scale scores cannot be compared across grade bands.

Table S15.7: Screener Scale Score Summary by Subgroup - Grade 5

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,070	270	496.2	772	121.3	≥3,070	270	500.5	786	120.4
Gender	Female	≥1,390	270	502.8	772	123.2	≥1,390	270	505.6	786	122.8
	Male	≥1,500	270	490.8	772	120.0	≥1,500	270	496.1	786	118.7
	Missing	≥180	287	490.7	762	116.2	≥180	307	498.6	779	115.1
Ethnicity	American Indian or Alaskan Native	≥20	344	532.1	703	90.8	≥20	352	538.5	721	96.0
	Asian	≥450	270	546.9	768	112.4	≥450	270	549.9	781	116.2
	Black or African American	≥280	270	502.4	745	119.9	≥280	270	504.0	755	120.1
	Hispanic or Latino	≥1,220	270	467.4	772	117.4	≥1,220	270	473.3	786	113.4
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	295	490.6	666	78.6	≥70	283	482.5	714	85.9
	Two or More Races	≥160	270	532.6	772	124.7	≥160	270	538.8	786	122.5
	White	≥300	270	504.0	772	135.6	≥300	270	507.3	786	136.9
Other/Unknown	≥540	270	499.2	762	116.3	≥540	270	504.0	779	116.7	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.7: Screener Scale Score Summary by Subgroup - Grade 5 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,070	270	493.2	782	139.6	≥3,070	268	498.3	791	125.2
Gender	Female	≥1,390	270	496.6	782	141.1	≥1,390	268	505.1	791	127.3
	Male	≥1,500	270	490.0	782	138.6	≥1,500	268	492.4	791	123.7
	Missing	≥180	282	494.2	770	136.0	≥180	292	494.7	781	120.0
Ethnicity	American Indian or Alaskan Native	≥20	307	543.0	739	108.2	≥ 20	349	539.4	695	93.6
	Asian	≥450	270	548.9	780	127.3	≥450	268	550.5	787	117.1
	Black or African American	≥280	270	514.5	765	134.2	≥280	268	503.4	763	123.9
	Hispanic or Latino	≥1,220	270	456.9	782	138.2	≥1,220	268	468.2	791	119.4
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	277	492.6	675	86.5	≥70	282	488.6	711	87.9
	Two or More Races	≥160	270	539.4	782	143.0	≥160	268	537.4	791	129.8
	White	≥300	270	509.3	782	150.4	≥300	268	509.4	791	141.3
Other/Unknown	≥540	270	491.6	760	131.4	≥540	268	501.0	781	120.5	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.7: Screener Scale Score Summary by Subgroup - Grade 5 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥3,070	3,649	5,121.6	6,700	800.0	≥3,070	3,237	5,068.2	7,352	1,014.0
Gender	Female	≥1,390	3,649	5,156.0	6,700	810.9	≥1,390	3,237	5,112.0	7,352	1,028.6
	Male	≥1,500	3,649	5,093.5	6,700	793.6	≥1,500	3,237	5,030.2	7,352	1,004.0
	Missing	≥180	3,825	5,091.2	6,700	762.6	≥180	3,395	5,047.8	7,219	975.0
Ethnicity	American Indian or Alaskan Native	≥20	4,192	5,375.5	6,700	671.9	≥20	3,815	5,409.8	6,849	771.9
	Asian	≥450	3,649	5,446.0	6,700	753.1	≥450	3,237	5,490.4	7,323	939.3
	Black or African American	≥280	3,649	5,143.7	6,700	789.7	≥280	3,237	5,141.6	7,141	996.3
	Hispanic or Latino	≥1,220	3,649	4,948.3	6,700	773.2	≥1,220	3,237	4,819.6	7,352	980.5
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥70	3,774	5,035.3	6,229	561.8	≥70	3,346	5,002.4	6,611	670.4
	Two or More Races	≥160	3,649	5,349.4	6,700	786.7	≥160	3,237	5,391.7	7,352	1,039.4
	White	≥300	3,649	5,126.5	6,700	873.6	≥300	3,237	5,151.6	7,352	1,128.2
Other/Unknown	≥540	3,649	5,158.2	6,700	791.4	≥540	3,237	5,084.2	7,219	971.2	

* Scale scores cannot be compared across grade bands.

Table S15.8: Screener Scale Score Summary by Subgroup - Grade 6

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,700	279	496.2	738	103.9	≥2,700	296	500.1	733	101.2
Gender	Female	≥1,200	279	503.8	738	105.3	≥1,200	296	507.5	733	102.1
	Male	≥1,310	279	490.8	738	102.1	≥1,310	296	494.4	733	100.1
	Missing	≥180	279	485.5	715	104.4	≥180	296	492.0	712	100.4
Ethnicity	American Indian or Alaskan Native	≥30	279	534.8	738	91.5	≥30	296	536.3	733	94.6
	Asian	≥400	279	539.0	738	105.9	≥400	296	545.7	733	103.3
	Black or African American	≥240	279	505.1	738	97.7	≥240	296	508.5	733	95.7
	Hispanic or Latino	≥1,130	279	472.7	738	99.7	≥1,130	296	475.8	733	95.9
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥ 60	325	471.5	608	73.3	≥60	345	473.2	623	77.0
	Two or More Races	≥110	279	516.1	698	99.4	≥110	296	517.2	708	96.2
	White	≥220	279	515.1	738	108.5	≥220	296	516.2	733	104.9
Other/Unknown	≥480	279	498.2	722	102.9	≥470	296	503.8	723	100.2	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.8: Screener Scale Score Summary by Subgroup - Grade 6 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,700	296	496.2	732	111.1	≥2,700	281	493.4	741	104.3
Gender	Female	≥1,200	296	504.6	732	112.4	≥1,200	281	501.7	741	105.6
	Male	≥1,310	296	489.5	732	109.5	≥1,310	281	487.3	741	102.7
	Missing	≥180	296	490.2	703	111.1	≥180	281	483.8	721	104.0
Ethnicity	American Indian or Alaskan Native	≥ 30	296	527.2	732	93.1	≥30	281	527.9	741	98.1
	Asian	≥400	296	546.1	732	104.5	≥400	281	540.2	741	106.6
	Black or African American	≥240	296	520.9	732	101.3	≥240	281	503.4	741	99.9
	Hispanic or Latino	≥1,130	296	466.5	732	110.5	≥1,130	281	468.9	741	98.9
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	323	482.1	632	81.3	≥60	335	466.9	636	78.0
	Two or More Races	≥110	296	521.8	717	103.5	≥110	281	514.7	717	98.7
	White	≥220	296	518.8	732	114.1	≥220	281	513.7	741	108.2
Other/Unknown	≥470	296	494.8	725	106.2	≥470	281	493.5	731	102.6	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.8: Screener Scale Score Summary by Subgroup - Grade 6 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,700	3,803	5,152.1	6,476	717.6	≥2,700	3,388	5,065.5	6,974	835.2
Gender	Female	≥1,200	3,803	5,198.1	6,476	719.5	≥1,200	3,388	5,129.7	6,974	844.9
	Male	≥1,310	3,803	5,119.0	6,476	713.2	≥1,310	3,388	5,016.7	6,974	822.8
	Missing	≥180	3,803	5,089.3	6,476	722.0	≥180	3,388	4,996.2	6,715	835.4
Ethnicity	American Indian or Alaskan Native	≥30	3,803	5,455.0	6,476	631.7	≥ 30	3,388	5,349.4	6,974	751.2
	Asian	≥400	3,803	5,433.9	6,476	715.1	≥400	3,388	5,438.4	6,974	830.1
	Black or African American	≥240	3,803	5,186.2	6,476	663.2	≥240	3,388	5,172.6	6,974	778.0
	Hispanic or Latino	≥1,130	3,803	4,994.7	6,476	694.3	≥1,130	3,388	4,859.1	6,974	806.5
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	3,978	4,965.6	6,290	538.0	≥60	3,785	4,877.4	5,988	611.1
	Two or More Races	≥110	3,803	5,269.9	6,476	683.3	≥110	3,388	5,238.3	6,767	783.1
	White	≥220	3,803	5,250.2	6,476	723.8	≥220	3,388	5,226.0	6,974	865.7
Other/Unknown	≥480	3,803	5,197.3	6,476	735.5	≥480	3,388	5,071.5	6,889	818.9	

* Scale scores cannot be compared across grade bands.

Table S15.9: Screener Scale Score Summary by Subgroup - Grade 7

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,660	279	489.8	738	109.3	≥2,660	296	496.7	733	106.7
Gender	Female	≥1,150	279	496.4	738	112.1	≥1,150	296	503.2	733	109.2
	Male	≥1,340	279	483.1	738	106.2	≥1,340	296	490.3	733	103.6
	Missing	≥160	279	498.0	738	111.1	≥160	296	503.7	733	111.2
Ethnicity	American Indian or Alaskan Native	≥30	486	569.8	663	44.5	≥ 30	446	567.0	663	53.3
	Asian	≥360	279	549.2	738	108.8	≥360	296	556.7	733	106.2
	Black or African American	≥220	279	507.3	738	111.7	≥220	296	511.4	733	107.4
	Hispanic or Latino	≥1,150	279	461.9	738	102.8	≥1,150	296	469.5	733	99.6
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	279	488.8	659	74.4	≥60	296	493.9	660	77.0
	Two or More Races	≥110	279	506.8	738	113.6	≥110	296	513.4	733	110.3
	White	≥290	279	500.8	738	108.9	≥290	296	506.0	733	107.1
Other/Unknown	≥410	279	487.6	738	105.4	≥410	296	495.8	733	104.6	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.9: Screener Scale Score Summary by Subgroup - Grade 7 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,660	296	486.0	732	115.5	≥2,660	281	489.5	741	109.4
Gender	Female	≥1,150	296	493.0	732	118.1	≥1,150	281	496.9	741	113.2
	Male	≥1,340	296	479.1	732	112.7	≥1,340	281	482.5	741	105.4
	Missing	≥160	296	494.8	732	116.6	≥160	281	495.3	741	111.3
Ethnicity	American Indian or Alaskan Native	≥30	429	542.7	650	61.4	≥30	438	568.2	651	50.5
	Asian	≥360	296	554.5	732	105.3	≥360	281	551.0	741	105.9
	Black or African American	≥220	296	518.6	732	114.3	≥220	281	509.9	741	111.0
	Hispanic or Latino	≥1,150	296	452.8	732	110.9	≥1,150	281	459.9	741	102.8
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	296	487.7	630	72.2	≥60	281	493.2	657	79.3
	Two or More Races	≥110	296	501.9	732	128.4	≥110	281	504.0	741	114.3
	White	≥290	296	495.8	732	111.6	≥290	281	501.3	741	110.9
Other/Unknown	≥410	296	485.3	732	109.6	≥410	281	488.1	741	104.4	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.9: Screener Scale Score Summary by Subgroup - Grade 7 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,660	3,803	5,116.8	6,476	753.5	≥2,660	3,388	5,016.0	6,974	875.6
Gender	Female	≥1,150	3,803	5,153.6	6,476	760.0	≥1,150	3,388	5,070.6	6,974	898.9
	Male	≥1,340	3,803	5,078.0	6,476	743.3	≥1,340	3,388	4,962.0	6,974	849.6
	Missing	≥160	3,803	5,176.8	6,476	777.5	≥160	3,388	5,077.0	6,974	897.2
Ethnicity	American Indian or Alaskan Native	≥30	4,839	5,678.1	6,476	372.6	≥ 30	4,690	5,592.0	6,297	373.4
	Asian	≥360	3,803	5,516.5	6,476	749.8	≥360	3,388	5,521.3	6,974	841.5
	Black or African American	≥220	3,803	5,193.6	6,476	745.1	≥220	3,388	5,191.3	6,974	883.2
	Hispanic or Latino	≥1,150	3,803	4,933.7	6,476	712.5	≥1,150	3,388	4,776.5	6,974	828.0
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	3,803	5,096.6	6,476	549.2	≥60	3,388	5,019.2	6,148	583.0
	Two or More Races	≥110	3,803	5,230.1	6,476	761.8	≥110	3,388	5,148.1	6,974	930.7
	White	≥290	3,803	5,185.4	6,476	737.1	≥290	3,388	5,101.5	6,974	866.0
Other/Unknown	≥ 410	3,803	5,115.8	6,476	756.6	≥410	3,388	5,004.6	6,974	840.0	

* Scale scores cannot be compared across grade bands.

Table S15.10: Screener Scale Score Summary by Subgroup - Grade 8

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,360	274	497.5	738	108.6	≥2,360	296	506.4	733	105.9
Gender	Female	≥1,010	279	500.4	738	110.6	≥1,020	296	509.3	733	107.2
	Male	≥1,190	274	492.9	738	106.8	≥1,180	296	501.8	733	104.6
	Missing	≥150	279	513.8	738	108.1	≥ 150	296	522.3	733	105.3
Ethnicity	American Indian or Alaskan Native	≥20	399	554.6	664	68.8	≥20	416	556.7	665	68.6
	Asian	≥310	304	542.4	738	99.9	≥310	322	551.3	733	97.1
	Black or African American	≥190	279	508.0	722	99.3	≥190	296	515.1	723	97.1
	Hispanic or Latino	≥1,060	279	473.7	717	106.5	≥1,060	296	483.6	710	103.7
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	333	500.8	675	80.6	≥50	373	506.0	679	78.0
	Two or More Races	≥110	279	502.3	693	113.1	≥110	296	509.6	695	110.6
	White	≥180	279	514.6	738	112.3	≥180	296	521.6	733	108.3
Other/Unknown	≥400	274	507.2	738	112.1	≥400	296	516.4	733	109.9	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.10: Screener Scale Score Summary by Subgroup - Grade 8 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,360	284	493.8	732	114.2	≥2,360	281	498.4	741	108.7
Gender	Female	≥1,020	296	497.7	732	115.0	≥1,020	281	501.0	741	110.8
	Male	≥1,190	284	488.4	732	113.5	≥1,180	281	493.7	741	106.7
	Missing	≥150	296	510.4	732	113.5	≥150	281	516.5	741	108.2
Ethnicity	American Indian or Alaskan Native	≥ 20	342	537.4	627	72.1	≥ 20	379	552.0	661	73.0
	Asian	≥310	310	546.9	732	96.2	≥310	307	545.0	741	99.0
	Black or African American	≥190	296	523.2	725	101.0	≥190	281	512.3	731	100.4
	Hispanic or Latino	≥1,060	296	463.6	720	113.9	≥1,060	281	473.2	722	106.2
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	351	508.8	700	81.4	≥50	335	497.0	662	81.1
	Two or More Races	≥110	296	500.2	709	127.7	≥110	281	501.3	704	115.3
	White	≥180	296	516.6	732	112.3	≥180	281	515.1	741	113.1
Other/Unknown	≥400	284	501.1	732	114.1	≥400	281	509.8	741	110.7	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.10: Screener Scale Score Summary by Subgroup - Grade 8 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,360	3,753	5,178.3	6,476	756.7	≥2,360	3,388	5,084.3	6,974	867.7
Gender	Female	≥1,020	3,803	5,197.4	6,476	765.7	≥1,020	3,388	5,109.0	6,974	879.4
	Male	≥1,190	3,753	5,148.2	6,476	748.8	≥1,190	3,388	5,045.3	6,974	856.4
	Missing	≥150	3,803	5,283.0	6,476	748.6	≥ 150	3,388	5,220.4	6,974	861.6
Ethnicity	American Indian or Alaskan Native	≥20	4,560	5,572.6	6,476	497.0	≥ 20	4,149	5,497.1	6,213	540.4
	Asian	≥310	3,803	5,475.1	6,476	690.0	≥ 310	3,569	5,467.8	6,974	767.8
	Black or African American	≥190	3,803	5,211.6	6,476	681.4	≥ 190	3,388	5,216.0	6,889	785.0
	Hispanic or Latino	≥1,060	3,803	5,029.0	6,476	750.7	≥1,060	3,388	4,878.1	6,816	856.1
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	4,253	5,193.4	6,356	580.5	≥50	3,903	5,121.0	6,549	628.5
	Two or More Races	≥110	3,803	5,191.2	6,476	766.8	≥110	3,388	5,119.7	6,679	932.1
	White	≥180	3,803	5,273.5	6,476	750.5	≥180	3,388	5,230.1	6,974	881.4
Other/Unknown	≥400	3,753	5,251.5	6,476	799.9	≥400	3,388	5,157.8	6,974	886.5	

* Scale scores cannot be compared across grade bands.

Table S15.11: Screener Scale Score Summary by Subgroup - Grade 9

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,160	297	475.4	731	107.7	≥4,160	309	480.4	733	103.5
Gender	Female	≥1,740	297	480.4	731	108.5	≥1,740	309	486.2	733	104.0
	Male	≥2,110	297	468.1	731	105.3	≥2,110	309	472.6	733	101.2
	Missing	≥290	297	498.1	731	115.4	≥290	309	501.1	733	112.6
Ethnicity	American Indian or Alaskan Native	≥30	297	557.2	691	76.5	≥30	309	549.7	697	78.4
	Asian	≥410	297	544.6	731	100.7	≥410	309	548.9	733	98.5
	Black or African American	≥370	297	487.9	723	98.3	≥370	309	493.1	722	93.3
	Hispanic or Latino	≥2,030	297	441.5	731	96.7	≥2,030	309	448.0	733	91.7
	Native Hawaiian or Other Pacific Islander	≥10	297	411.0	586	93.2	≥10	309	421.4	610	95.4
	Pacific Islander	≥80	352	502.7	668	71.5	≥80	348	502.4	676	69.8
	Two or More Races	≥170	297	486.8	723	111.8	≥170	309	491.4	722	106.5
	White	≥240	297	535.6	731	107.0	≥240	309	537.2	733	103.8
	Other/Unknown	≥780	297	493.5	731	112.4	≥780	309	496.9	733	110.1

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.11: Screener Scale Score Summary by Subgroup - Grade 9 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,160	332	484.8	722	106.5	≥4,160	315	479.9	732	100.2
Gender	Female	≥1,740	332	491.4	722	106.8	≥1,740	315	485.2	732	101.0
	Male	≥2,110	332	476.7	722	105.1	≥2,110	315	472.6	732	97.9
	Missing	≥290	332	503.5	722	110.3	≥290	315	501.3	732	107.5
Ethnicity	American Indian or Alaskan Native	≥30	332	547.3	661	76.5	≥30	315	549.7	700	70.3
	Asian	≥410	332	554.5	722	95.5	≥410	315	544.5	732	94.7
	Black or African American	≥370	332	509.5	718	100.3	≥370	315	493.1	726	93.8
	Hispanic or Latino	≥2,030	332	449.8	722	97.3	≥2,030	315	448.4	732	88.6
	Native Hawaiian or Other Pacific Islander	≥10	332	431.3	606	108.7	≥10	315	419.1	597	92.0
	Pacific Islander	≥80	359	517.7	632	68.9	≥80	357	504.6	662	68.4
	Two or More Races	≥170	332	491.9	718	113.5	≥170	315	493.3	726	107.8
	White	≥240	≥332	546.6	722	103.0	≥240	315	535.3	732	102.7
Other/Unknown	≥780	332	500.5	722	105.8	≥780	315	495.8	732	104.4	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.11: Screener Scale Score Summary by Subgroup - Grade 9 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥4,160	3,787	4,989.5	6,524	755.0	≥4,160	3,605	4,937.2	6,923	828.8
Gender	Female	≥1,740	3,787	5,024.8	6,524	757.8	≥1,740	3,605	4,983.3	6,923	831.4
	Male	≥2,110	3,787	4,938.0	6,524	738.1	≥2,110	3,605	4,875.6	6,923	813.5
	Missing	≥290	3,787	5,146.4	6,524	822.6	≥290	3,605	5,103.0	6,923	881.8
Ethnicity	American Indian or Alaskan Native	≥ 30	3,787	5,576.0	6,524	594.8	≥30	3,605	5,511.6	6,422	576.7
	Asian	≥ 410	3,787	5,475.0	6,524	712.6	≥410	3,605	5,487.1	6,923	765.1
	Black or African American	≥ 370	3,787	5,054.3	6,524	660.7	≥370	3,605	5,068.5	6,869	766.0
	Hispanic or Latino	≥2,030	3,787	4,757.2	6,524	678.3	≥2,030	3,605	4,668.2	6,923	739.7
	Native Hawaiian or Other Pacific Islander	≥10	3,787	4,553.5	5,790	626.9	≥10	3,605	4,452.9	5,912	783.3
	Pacific Islander	≥80	4,084	5,154.9	6,524	519.9	≥80	3,962	5,157.9	6,285	540.3
	Two or More Races	≥170	3,787	5,050.6	6,524	747.2	≥170	3,605	5,022.6	6,869	872.3
	White	≥240	3,787	5,395.3	6,524	743.8	≥240	3,605	5,410.3	6,923	825.8
Other/Unknown	≥780	3,787	5,123.2	6,524	807.2	≥780	3,605	5,069.1	6,923	857.3	

* Scale scores cannot be compared across grade bands.

Table S15.12: Screener Scale Score Summary by Subgroup - Grade 10

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,680	297	518.1	731	99.4	≥2,680	309	521.4	733	96.8
Gender	Female	≥1,180	297	523.1	731	99.0	≥1,180	309	526.7	733	96.0
	Male	≥1,280	297	513.9	731	98.7	≥1,280	309	516.6	733	96.6
	Missing	≥200	297	515.2	713	104.7	≥200	309	521.9	716	102.1
Ethnicity	American Indian or Alaskan Native	≥30	389	565.3	653	59.7	≥30	428	564.5	664	61.1
	Asian	≥350	297	549.9	731	89.2	≥350	309	553.8	733	88.5
	Black or African American	≥250	297	529.7	731	100.5	≥250	309	533.8	733	98.2
	Hispanic or Latino	≥1,080	297	489.7	731	99.2	≥1,080	309	493.5	733	95.3
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	297	528.6	701	81.1	≥60	309	526.1	702	78.7
	Two or More Races	≥ 110	297	519.1	723	104.0	≥110	309	523.9	722	97.0
	White	≥ 260	297	553.0	723	90.3	≥260	309	555.4	722	90.1
Other/Unknown	≥ 490	297	528.5	731	96.7	≥490	309	531.1	733	95.6	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.12: Screener Scale Score Summary by Subgroup - Grade 10 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,680	332	525.5	722	96.6	≥2,680	314	518.7	732	93.3
Gender	Female	≥1,180	332	532.6	722	95.4	≥1,180	315	525.5	732	92.9
	Male	≥1,280	332	518.1	722	96.5	≥1,280	314	512.7	732	92.6
	Missing	≥200	332	530.1	710	100.6	≥200	315	517.1	717	96.8
Ethnicity	American Indian or Alaskan Native	≥30	372	550.9	637	57.9	≥ 30	400	563.7	655	63.8
	Asian	≥350	332	560.9	722	81.2	≥350	315	546.5	732	85.1
	Black or African American	≥250	332	547.1	722	92.6	≥250	315	534.9	732	97.0
	Hispanic or Latino	≥1,080	332	493.0	722	99.6	≥1,080	315	492.0	732	91.6
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	332	544.2	659	64.1	≥60	315	531.1	708	76.8
	Two or More Races	≥110	332	528.1	718	99.7	≥110	315	522.8	726	99.0
	White	≥260	332	562.2	718	84.8	≥260	315	550.7	726	86.5
Other/Unknown	≥490	332	535.4	722	89.9	≥490	314	526.4	732	90.5	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.12: Screener Scale Score Summary by Subgroup - Grade 10 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,680	3,787	5,292.8	6,524	716.7	≥2,680	3,605	5,266.4	6,923	761.2
Gender	Female	≥1,180	3,787	5,318.3	6,524	705.9	≥1,180	3,605	5,317.2	6,923	754.2
	Male	≥1,280	3,787	5,271.5	6,524	720.1	≥1,280	3,605	5,218.7	6,923	758.8
	Missing	≥200	3,787	5,279.8	6,524	754.6	≥ 200	3,605	5,272.2	6,747	799.1
Ethnicity	American Indian or Alaskan Native	≥ 30	4,568	5,627.4	6,524	454.1	≥ 30	4,281	5,586.5	6,188	460.0
	Asian	≥350	3,787	5,526.1	6,524	652.2	≥ 350	3,605	5,524.1	6,923	667.3
	Black or African American	≥250	3,787	5,341.8	6,524	697.8	≥ 250	3,605	5,394.1	6,923	761.5
	Hispanic or Latino	≥1,080	3,787	5,097.4	6,524	713.5	≥1,080	3,605	5,033.2	6,923	764.0
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥60	3,787	5,327.1	6,524	590.9	≥60	3,605	5,363.4	6,595	578.4
	Two or More Races	≥110	3,787	5,292.6	6,524	721.9	≥110	3,605	5,286.9	6,869	783.4
	White	≥260	3,787	5,538.4	6,524	662.6	≥ 260	3,605	5,545.4	6,869	690.8
Other/Unknown	≥490	3,787	5,373.2	6,524	717.8	≥ 490	3,605	5,340.5	6,923	736.4	

* Scale scores cannot be compared across grade bands.

Table S15.13: Screener Scale Score Summary by Subgroup - Grade 11

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,260	297	547.8	731	94.9	≥2,260	309	551.3	733	92.3
Gender	Female	≥1,070	297	551.7	731	92.9	≥1,070	309	555.9	733	89.5
	Male	≥980	297	546.0	731	94.9	≥980	309	548.7	733	92.8
	Missing	≥200	297	535.3	723	103.7	≥200	309	539.4	722	102.3
Ethnicity	American Indian or Alaskan Native	≥ 20	319	549.1	650	74.4	≥ 20	331	547.8	641	78.0
	Asian	≥330	297	560.0	731	78.8	≥330	309	565.0	733	76.2
	Black or African American	≥180	297	532.7	731	89.2	≥180	309	539.1	733	82.9
	Hispanic or Latino	≥730	297	525.3	731	103.5	≥730	309	527.8	733	99.9
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	297	540.8	671	80.9	≥50	309	542.1	683	78.8
	Two or More Races	≥40	369	554.7	731	95.6	≥40	377	555.2	733	89.9
	White	≥330	297	578.6	731	84.1	≥330	309	581.8	733	81.9
Other/Unknown	≥550	297	556.6	713	94.2	≥550	309	560.5	716	93.4	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.13: Screener Scale Score Summary by Subgroup - Grade 11 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,260	332	555.8	722	88.6	≥2,260	315	544.7	732	88.0
Gender	Female	≥1,070	332	560.7	722	87.3	≥1,070	315	548.8	732	85.5
	Male	≥980	332	552.9	722	88.2	≥980	315	542.3	732	88.9
	Missing	≥200	332	544.0	718	96.1	≥200	315	535.1	726	95.7
Ethnicity	American Indian or Alaskan Native	≥20	423	555.6	645	54.9	≥ 20	338	538.7	649	67.8
	Asian	≥330	332	571.5	722	71.4	≥330	315	556.6	732	73.8
	Black or African American	≥180	332	553.0	722	82.5	≥180	315	534.2	732	83.9
	Hispanic or Latino	≥730	332	530.7	722	98.5	≥730	315	524.7	732	96.4
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	332	551.0	666	69.7	≥50	315	537.4	691	76.1
	Two or More Races	≥40	362	561.7	722	98.4	≥40	378	558.1	732	93.8
	White	≥330	332	585.4	722	78.8	≥330	315	571.9	732	78.8
Other/Unknown	≥550	332	562.7	707	85.3	≥550	315	551.1	717	86.1	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.13: Screener Scale Score Summary by Subgroup - Grade 11 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥2,260	3,787	5,515.7	6,524	693.1	≥2,260	3,605	5,502.3	6,923	714.2
Gender	Female	≥1,070	3,787	5,545.6	6,524	680.2	≥1,070	3,605	5,538.5	6,923	696.5
	Male	≥980	3,787	5,502.6	6,524	691.4	≥980	3,605	5,482.5	6,923	715.7
	Missing	≥200	3,787	5,422.4	6,524	758.7	≥200	3,605	5,408.1	6,869	786.1
Ethnicity	American Indian or Alaskan Native	≥20	3,787	5,545.2	6,524	619.9	≥20	3,980	5,489.6	6,243	507.1
	Asian	≥330	3,787	5,602.6	6,524	573.6	≥330	3,605	5,612.3	6,923	579.7
	Black or African American	≥180	3,787	5,392.7	6,524	628.4	≥180	3,605	5,422.4	6,923	660.8
	Hispanic or Latino	≥730	3,787	5,342.9	6,524	742.8	≥730	3,605	5,317.4	6,923	785.2
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥50	3,787	5,468.4	6,524	614.3	≥50	3,605	5,446.1	6,510	590.3
	Two or More Races	≥40	4,238	5,487.2	6,524	601.9	≥40	4,087	5,563.2	6,923	746.3
	White	≥330	3,787	5,740.0	6,524	611.2	≥330	3,605	5,741.1	6,923	630.7
Other/Unknown	≥550	3,787	5,603.5	6,524	714.7	≥550	3,605	5,564.3	6,712	706.7	

* Scale scores cannot be compared across grade bands.

Table S15.14: Screener Scale Score Summary by Subgroup - Grade 12

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥1,550	297	555.6	731	89.4	≥1,550	309	559.6	733	87.3
Gender	Female	≥740	297	558.1	731	86.6	≥740	309	562.5	733	84.1
	Male	≥620	297	552.2	731	91.5	≥620	309	556.3	733	89.1
	Missing	≥180	353	557.1	731	93.3	≥180	346	559.1	733	94.0
Ethnicity	American Indian or Alaskan Native	<10					<10				
	Asian	≥210	348	563.9	731	80.8	≥210	345	568.4	733	79.8
	Black or African American	≥100	359	530.9	731	83.6	≥100	378	542.1	733	80.1
	Hispanic or Latino	≥480	297	531.2	731	100.4	≥480	309	534.6	733	97.1
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥20	453	551.9	649	45.5	≥20	477	548.3	643	41.5
	Two or More Races	≥20	362	609.5	731	89.1	≥20	394	610.2	733	89.9
	White	≥230	371	593.8	723	66.3	≥230	369	597.2	722	65.1
Other/Unknown	≥430	297	560.9	731	85.0	≥430	309	564.3	733	84.4	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.14: Screener Scale Score Summary by Subgroup - Grade 12 (cont.)

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥1,550	332	564.5	722	82.2	≥1,550	315	552.6	732	83.3
Gender	Female	≥740	332	568.4	722	78.7	≥740	315	555.9	732	79.8
	Male	≥620	332	559.6	722	83.6	≥620	315	549.0	732	85.8
	Missing	≥180	353	565.4	722	90.2	≥180	355	551.6	732	87.9
Ethnicity	American Indian or Alaskan Native	<10					<10				
	Asian	≥210	352	575.5	722	71.8	≥210	354	558.1	732	76.0
	Black or African American	≥100	380	556.4	722	75.7	≥100	376	535.2	732	77.6
	Hispanic or Latino	≥480	332	538.8	722	92.2	≥480	315	531.5	732	93.5
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥20	439	545.8	612	49.8	≥20	475	545.6	648	36.4
	Two or More Races	≥20	362	611.6	722	88.6	≥20	394	615.1	732	86.2
	White	≥230	361	595.6	718	63.5	≥230	373	584.3	726	64.4
Other/Unknown	≥430	332	570.2	722	78.4	≥430	315	556.6	732	78.9	

* Scale scores cannot be compared across grade bands.

* Domain tests with Exemption are excluded.

Table S15.14: Screener Scale Score Summary by Subgroup - Grade 12 (cont.)

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
Total		≥1,550	3,787	5,573.3	6,524	658.8	≥1,550	3,605	5,569.6	6,923	669.2
Gender	Female	≥740	3,787	5,588.2	6,524	638.9	≥740	3,605	5,596.1	6,923	640.6
	Male	≥620	3,787	5,552.7	6,524	672.0	≥620	3,605	5,538.0	6,923	685.0
	Missing	≥180	4,126	5,583.2	6,524	693.3	≥180	3,867	5,569.9	6,923	724.2
Ethnicity	American Indian or Alaskan Native	<10					<10				
	Asian	≥210	3,959	5,638.1	6,524	600.2	≥210	3,860	5,638.9	6,923	595.3
	Black or African American	≥100	4,155	5,386.0	6,524	596.1	≥100	4,246	5,436.2	6,923	613.7
	Hispanic or Latino	≥480	3,787	5,390.8	6,524	730.6	≥480	3,605	5,373.9	6,923	751.9
	Native Hawaiian or Other Pacific Islander	<10					<10				
	Pacific Islander	≥20	4,902	5,548.8	6,404	380.2	≥20	4,868	5,493.6	6,192	309.6
	Two or More Races	≥20	4,261	5,852.3	6,524	603.5	≥20	4,122	5,991.6	6,923	688.1
	White	≥230	4,288	5,873.7	6,524	503.6	≥230	4,028	5,846.9	6,869	501.7
Other/Unknown	≥430	3,787	5,612.3	6,524	636.1	≥430	3,605	5,610.0	6,923	641.1	

* Scale scores cannot be compared across grade bands.

Table S15.15: Screener Summary of Domain Exemption

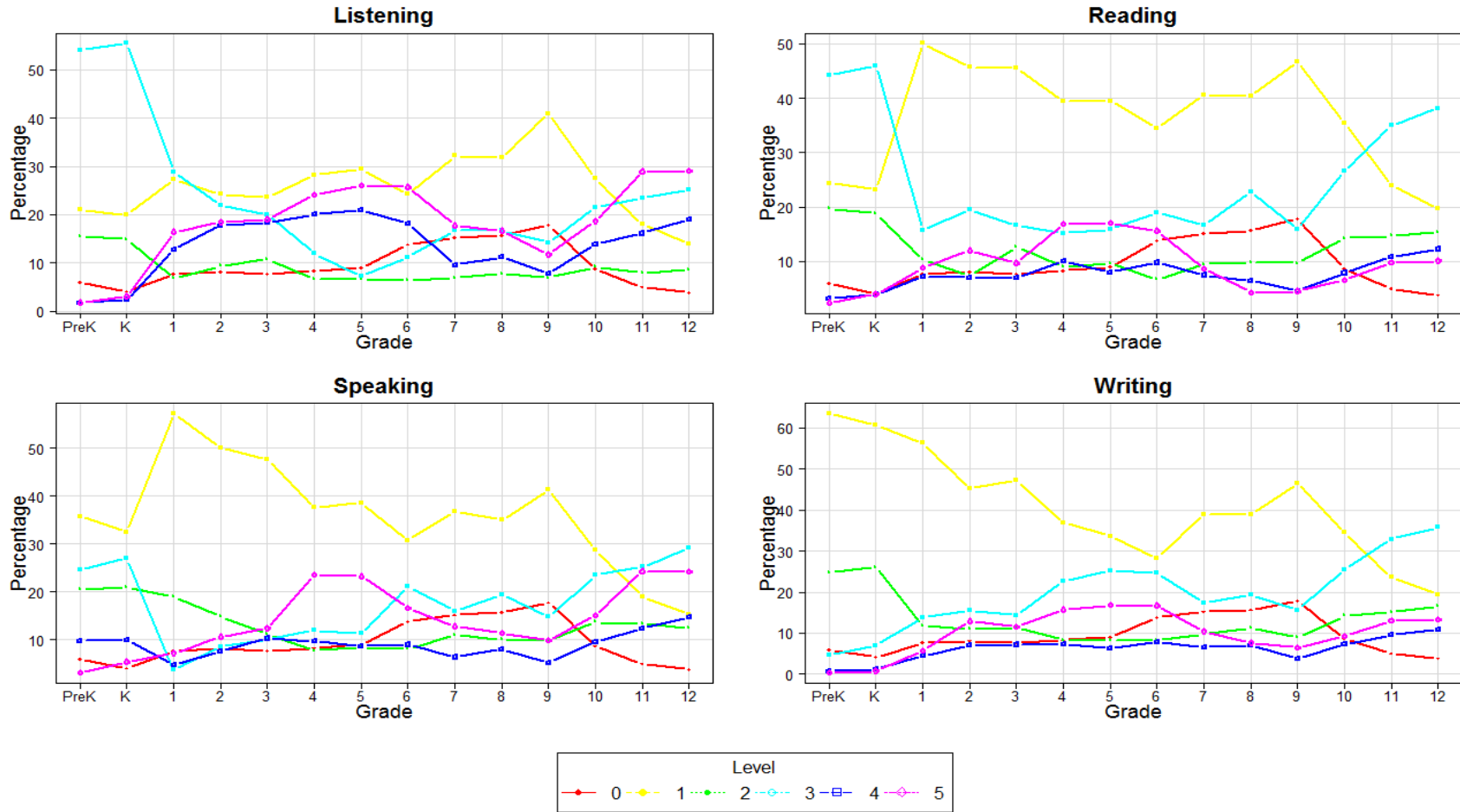
Grade	Total	Listening	Reading	Speaking	Writing
PreK	≥10,090	0 (0.0%)	1 (0.0%)	3 (0.1%)	1 (0.1%)
K	≥26,100	14 (0.1%)	6 (0.1%)	20 (0.5%)	6 (0.1%)
1	≥4,390	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)
2	≥4,010	0 (0.0%)	1 (0.0%)	1 (0.0%)	1 (0.0%)
3	≥3,650	1 (0.0%)	1 (0.1%)	2 (0.1%)	1 (0.0%)
4	≥3,150	0 (0.0%)	1 (0.0%)	2 (0.1%)	1 (0.0%)
5	≥3,200	0 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)
6	≥2,810	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)
7	≥2,960	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)
8	2,815	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)
9	5,108	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
10	2,961	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)
11	2,399	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
12	1,620	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)

Section 16: Screener Assessment - Percentage of Students by Domain Performance Level

* Domain tests with Exemption or Not Attempted are excluded from counts, which only include tests assigned to domain performance levels 0-5.

* The percentages are suppressed when the N count is fewer than 10.

Figure S16.1: Screener Percentage of Students in Performance Levels



* Domain tests with Exemption are excluded.
 * Level 0: Performance Not Determined.

Table S16.1: Screener Performance Level by Domain - Pre-Kindergarten

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥10,090	6.0	21.0	15.5	54.2	1.7	1.7	≥10,090	6.0	24.4	19.7	44.3	3.2	2.4
Gender	Female	≥5,000	5.6	20.2	14.7	55.7	2.0	1.8	≥5,000	5.6	22.8	18.9	46.1	3.9	2.7
	Male	≥5,010	6.4	21.8	16.3	52.7	1.3	1.6	≥5,010	6.4	26.0	20.5	42.6	2.4	2.1
	Missing	≥70	7.9	23.7	14.5	51.3	2.6	≤1.0	≥70	7.9	25.0	21.1	42.1	2.6	1.3
Ethnicity	American Indian or Alaskan Native	≥20	4.8	14.3	9.5	61.9	4.8	4.8	≥20	4.8	19.0	9.5	57.1	4.8	4.8
	Asian	≥1,300	2.5	16.6	12.9	60.4	3.4	4.2	≥1,300	2.5	20.1	16.8	49.3	5.6	5.6
	Black or African American	≥660	3.3	20.9	16.0	55.9	2.2	1.6	≥660	3.3	25.9	21.2	42.5	4.5	2.7
	Hispanic or Latino	≥7,110	7.2	22.1	15.8	52.7	1.2	1.0	≥7,110	7.2	25.3	19.9	43.6	2.5	1.5
	Pacific Islander	≥330	5.1	26.0	25.4	43.2	≤1.0	≤1.0	≥330	5.1	31.1	29.3	33.8	≤1.0	≤1.0
	Two or More Races	≥70	5.6	11.1	13.9	59.7	5.6	4.2	≥70	5.6	16.7	15.3	47.2	11.1	4.2
	White	≥480	1.7	15.3	11.8	61.9	3.5	5.8	≥480	1.7	18.0	18.0	49.9	5.2	7.2
	Other/Unknown	≥90	6.5	20.7	14.1	55.4	2.2	1.1	≥90	6.5	22.8	19.6	45.7	3.3	2.2

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.1: Screener Performance Level by Domain - Pre-Kindergarten (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥10,080	6.0	35.8	20.6	24.7	9.8	3.1	≥10,090	6.0	63.6	24.7	4.7	≤1.0	≤1.0
Gender	Female	≥5,000	5.6	33.6	20.7	25.4	11.2	3.5	≥5,000	5.6	62.5	26.5	4.4	≤1.0	≤1.0
	Male	≥5,010	6.4	38.1	20.4	24.0	8.4	2.7	≥5,010	6.4	64.7	22.9	4.9	≤1.0	≤1.0
	Missing	≥70	7.9	32.9	18.4	27.6	11.8	1.3	≥70	7.9	59.2	30.3	2.6	≤1.0	≤1.0
Ethnicity	American Indian or Alaskan Native	≥20	4.8	19.0	23.8	38.1	9.5	4.8	≥20	4.8	38.1	42.9	14.3	≤1.0	≤1.0
	Asian	≥1,300	2.5	29.8	20.6	28.8	12.1	6.1	≥1,300	2.5	53.1	29.5	11.9	2.2	≤1.0
	Black or African American	≥660	3.3	26.5	23.0	31.8	11.2	4.2	≥660	3.3	62.8	26.5	6.0	1.2	≤1.0
	Hispanic or Latino	≥7,110	7.2	38.2	20.5	23.0	8.9	2.2	≥7,110	7.2	65.8	23.4	3.0	≤1.0	≤1.0
	Pacific Islander	≥330	5.1	48.3	21.1	21.5	3.3	≤1.0	≥330	5.1	77.6	15.7	1.5	≤1.0	≤1.0
	Two or More Races	≥70	5.6	20.8	20.8	22.2	20.8	9.7	≥70	5.6	50.0	36.1	6.9	1.4	≤1.0
	White	≥480	1.7	25.5	18.2	30.0	16.1	8.5	≥480	1.7	54.9	32.1	8.7	1.9	≤1.0
	Other/Unknown	≥90	6.5	29.3	17.4	30.4	14.1	2.2	≥90	6.5	62.0	27.2	3.3	≤1.0	1.1

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.2: Screener Performance Level by Domain - Kindergarten

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥26,080	4.1	19.9	15.0	55.6	2.4	3.0	≥26,090	4.1	23.2	18.8	45.9	4.0	4.0
Gender	Female	≥11,210	3.4	18.4	13.7	58.2	2.8	3.4	≥11,220	3.4	21.1	17.6	48.8	4.5	4.6
	Male	≥11,800	4.8	20.8	15.9	53.4	2.2	3.0	≥11,800	4.8	24.4	20.0	43.3	3.5	4.0
	Missing	≥3,050	4.2	22.1	15.8	54.4	2.0	1.6	≥3,050	4.2	25.8	18.8	45.1	3.8	2.4
Ethnicity	American Indian or Alaskan Native	≥130	0.0	7.4	13.3	77.0	2.2	≤1.0	≥130	0.0	11.9	17.8	64.4	5.2	≤1.0
	Asian	≥3,920	2.5	15.4	11.8	57.1	4.8	8.5	≥3,920	2.5	17.9	15.4	46.4	7.3	10.5
	Black or African American	≥2,220	3.9	15.9	14.5	59.9	2.8	3.0	≥2,220	3.9	19.8	18.7	49.2	4.2	4.2
	Hispanic or Latino	≥6,500	4.8	21.5	15.9	55.1	1.5	1.3	≥6,500	4.8	24.4	20.4	45.8	2.6	2.0
	Native Hawaiian or Other Pacific Islander	≥40	4.3	13.0	8.7	65.2	4.3	4.3	≥40	4.3	13.0	15.2	54.3	6.5	6.5
	Pacific Islander	≥200	4.5	25.5	20.5	48.5	≤1.0	≤1.0	≥200	4.5	29.0	23.5	38.0	4.5	≤1.0
	Two or More Races	≥1,220	7.5	19.1	13.6	53.7	2.7	3.4	≥1,220	7.5	22.5	17.4	43.7	4.5	4.3
	White	≥2,480	3.4	20.5	14.5	54.9	2.7	4.1	≥2,490	3.4	24.5	17.1	45.8	4.1	5.2
Other/Unknown	≥9,340	4.1	21.8	16.0	54.5	1.9	1.7	≥9,330	4.1	25.1	19.8	45.1	3.4	2.5	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.2: Screener Performance Level by Domain - Kindergarten (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥26,070	4.1	32.5	21.0	27.0	10.0	5.4	≥26,090	4.1	60.7	26.1	7.0	1.2	≤1.0
Gender	Female	≥11,210	3.4	29.9	20.3	29.0	11.1	6.4	≥11,220	3.4	59.7	27.4	7.3	1.3	≤1.0
	Male	≥11,800	4.8	34.9	21.2	25.2	9.1	4.8	≥11,800	4.8	61.0	24.9	7.3	1.3	≤1.0
	Missing	≥3,050	4.2	33.2	22.5	26.6	9.8	3.9	≥3,050	4.2	63.6	26.0	5.2	≤1.0	≤1.0
Ethnicity	American Indian or Alaskan Native	≥130	0.0	23.7	25.2	34.1	14.1	3.0	≥130	0.0	59.3	36.3	4.4	≤1.0	≤1.0
	Asian	≥3,920	2.5	26.5	20.2	27.7	11.0	12.1	≥3,920	2.5	46.3	29.3	15.6	3.7	2.6
	Black or African American	≥2,220	3.9	26.6	23.7	30.3	9.3	6.2	≥2,220	3.9	58.8	27.1	8.4	1.2	≤1.0
	Hispanic or Latino	≥6,500	4.8	37.7	20.3	24.7	9.6	3.0	≥6,500	4.8	65.0	25.4	4.2	≤1.0	≤1.0
	Native Hawaiian or Other Pacific Islander	≥40	4.3	19.6	32.6	26.1	8.7	8.7	≥40	4.3	56.5	30.4	8.7	≤1.0	≤1.0
	Pacific Islander	≥200	4.5	43.5	20.0	19.0	10.5	2.5	≥200	4.5	67.0	25.0	3.5	≤1.0	≤1.0
	Two or More Races	≥1,220	7.5	32.8	18.7	25.1	9.3	6.6	≥1,220	7.5	59.3	24.3	6.9	1.4	≤1.0
	White	≥2,480	3.4	32.4	19.0	26.2	11.4	7.7	≥2,490	3.4	60.0	26.1	8.2	1.2	1.1
Other/Unknown	≥9,330	4.1	32.8	21.8	28.0	9.8	3.4	≥9,330	4.1	64.6	25.1	4.9	≤1.0	≤1.0	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.3: Screener Performance Level by Domain - Grade 1

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥5,750	7.7	27.4	6.8	28.9	12.8	16.4	≥5,750	7.7	50.2	10.4	15.8	7.2	8.8
Gender	Female	≥2,610	8.4	25.0	7.0	29.1	13.0	17.5	≥2,610	8.4	48.1	10.7	15.9	7.4	9.5
	Male	≥2,720	7.4	29.4	6.5	28.7	12.5	15.4	≥2,720	7.4	51.7	9.8	16.2	6.8	8.1
	Missing	≥410	5.1	29.0	7.3	29.3	13.2	16.1	≥410	5.1	53.2	12.0	12.7	8.5	8.5
Ethnicity	American Indian or Alaskan Native	≥60	1.5	13.8	9.2	41.5	24.6	9.2	≥60	1.5	52.3	13.8	23.1	7.7	1.5
	Asian	≥1,050	2.7	17.0	5.2	25.5	16.2	33.4	≥1,050	2.7	33.0	9.0	21.8	12.4	21.1
	Black or African American	≥480	4.6	19.9	7.0	35.4	19.5	13.7	≥480	4.6	45.1	13.7	20.9	7.9	7.9
	Hispanic or Latino	≥2,250	12.4	35.4	7.0	29.0	8.2	7.9	≥2,250	12.4	60.0	10.2	11.0	3.3	3.2
	Native Hawaiian or Other Pacific Islander	≥10	≤1.0	20.0	10.0	40.0	10.0	20.0	≥10	0.0	60.0	10.0	20.0	10.0	≤1.0
	Pacific Islander	≥110	6.1	27.2	8.8	43.9	8.8	5.3	≥110	6.1	67.5	8.8	12.3	4.4	≤1.0
	Two or More Races	≥260	7.9	23.3	7.1	29.3	14.3	18.0	≥260	7.9	44.4	11.7	18.8	8.6	8.6
	White	≥530	4.0	23.8	6.2	30.2	14.9	20.9	≥530	4.0	47.0	10.2	18.9	10.2	9.8
Other/Unknown	≥970	6.4	27.9	7.7	25.8	14.3	17.9	≥970	6.4	49.7	10.4	15.3	8.3	9.9	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.3: Screener Performance Level by Domain - Grade 1 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥5,750	7.7	57.3	19.1	3.8	4.8	7.2	≥5,750	7.7	56.4	11.8	13.9	4.6	5.8
Gender	Female	≥2,610	8.4	55.1	19.2	4.5	4.9	7.9	≥2,610	8.4	54.2	11.9	14.6	4.5	6.4
	Male	≥2,720	7.4	59.3	18.8	3.1	4.7	6.6	≥2,720	7.4	58.0	11.7	13.3	4.6	5.0
	Missing	≥410	5.1	58.0	20.5	4.1	5.4	6.8	≥410	5.1	59.3	12.0	12.9	4.4	6.3
Ethnicity	American Indian or Alaskan Native	≥60	1.5	64.6	27.7	3.1	0.0	3.1	≥60	1.5	60.0	18.5	15.4	3.1	1.5
	Asian	≥1,050	2.7	46.6	20.8	5.9	7.2	16.8	≥1,050	2.7	38.5	14.1	21.9	9.0	13.7
	Black or African American	≥480	4.6	55.7	22.6	4.3	4.3	8.5	≥480	4.6	53.4	18.2	14.5	5.0	4.3
	Hispanic or Latino	≥2,250	12.4	64.6	15.0	2.4	2.8	2.9	≥2,250	12.4	66.0	9.3	8.1	2.2	2.1
	Native Hawaiian or Other Pacific Islander	≥10	≤1.0	80.0	10.0	≤1.0	≤1.0	10.0	≥ 10	≤1.0	70.0	10.0	10.0	10.0	≤1.0
	Pacific Islander	≥110	6.1	64.0	23.7	2.6	2.6	0.9	≥110	6.1	73.7	6.1	11.4	1.8	0.9
	Two or More Races	≥260	7.9	51.9	22.2	4.1	6.0	7.9	≥260	7.9	50.8	14.3	15.8	5.3	6.0
	White	≥530	4.0	51.7	21.3	5.5	8.1	9.4	≥530	4.0	52.8	12.3	19.6	4.0	7.4
Other/Unknown	≥970	6.4	56.1	21.8	3.9	5.7	6.1	≥ 970	6.4	55.9	11.2	14.8	5.5	6.3	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.4: Screener Performance Level by Domain - Grade 2

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥4,380	8.1	24.3	9.3	22.0	17.8	18.4	≥4,390	8.1	45.7	7.4	19.6	7.2	12.0
Gender	Female	≥1,940	8.0	22.6	8.7	21.1	18.5	21.1	≥1,940	8.0	42.8	8.0	20.6	7.2	13.4
	Male	≥2,180	8.6	25.9	9.4	22.8	17.1	16.1	≥2,180	8.6	48.3	6.7	18.7	7.0	10.8
	Missing	≥260	5.4	23.5	12.7	22.7	18.1	17.7	≥260	5.4	46.5	8.5	19.2	8.8	11.5
Ethnicity	American Indian or Alaskan Native	≥ 30	5.1	2.6	0.0	33.3	51.3	7.7	≥ 30	5.1	30.8	10.3	43.6	10.3	0.0
	Asian	≥740	2.4	15.1	8.2	21.0	17.5	35.7	≥740	2.4	31.2	7.3	22.3	10.0	26.8
	Black or African American	≥400	4.7	16.6	8.7	25.7	26.2	18.1	≥400	4.7	40.8	8.7	26.0	9.7	10.1
	Hispanic or Latino	≥1,800	13.2	31.7	9.4	20.1	15.2	10.4	≥1,800	13.2	53.5	7.0	15.9	4.7	5.7
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥90	4.2	14.6	9.4	45.8	19.8	6.3	≥90	4.2	53.1	6.3	26.0	6.3	4.2
	Two or More Races	≥210	9.7	18.9	7.4	24.0	22.6	17.5	≥210	9.7	40.6	7.4	24.9	8.3	9.2
	White	≥370	3.2	22.3	9.3	21.8	20.7	22.6	≥370	3.2	43.1	9.0	19.7	10.6	14.4
Other/Unknown	≥700	6.1	24.6	11.6	21.7	14.8	21.2	≥700	6.1	46.9	6.5	18.6	7.0	14.9	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.4: Screener Performance Level by Domain - Grade 2 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥4,380	8.1	50.1	14.9	8.7	7.6	10.6	≥4,390	8.1	45.3	11.0	15.6	7.0	13.0
Gender	Female	≥1,940	8.0	47.9	14.7	9.0	8.7	11.6	≥1,940	8.0	42.7	11.6	15.8	7.5	14.4
	Male	≥2,180	8.6	51.6	15.3	8.5	6.8	9.4	≥2,180	8.6	47.6	10.5	15.1	6.6	11.7
	Missing	≥260	5.4	53.1	13.8	7.7	6.5	13.5	≥260	5.4	45.8	10.8	17.7	6.9	13.5
Ethnicity	American Indian or Alaskan Native	≥30	5.1	33.3	41.0	10.3	5.1	5.1	≥ 30	5.1	17.9	38.5	30.8	2.6	5.1
	Asian	≥740	2.4	42.3	11.1	9.0	13.5	21.7	≥740	2.4	30.4	11.3	17.5	10.5	27.9
	Black or African American	≥400	4.7	43.8	19.6	12.1	9.7	10.1	≥400	4.7	40.1	13.6	21.8	8.7	11.1
	Hispanic or Latino	≥1,800	13.2	56.0	14.0	6.6	4.8	5.4	≥1,800	13.2	53.7	9.4	12.0	5.5	6.1
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥90	4.2	55.2	25.0	8.3	4.2	3.1	≥90	4.2	51.0	12.5	20.8	7.3	4.2
	Two or More Races	≥210	9.7	42.4	16.1	13.8	10.1	7.8	≥210	9.7	38.7	12.4	23.0	6.9	9.2
	White	≥370	3.2	47.3	14.9	11.2	8.0	15.4	≥370	3.2	42.8	13.3	16.0	8.5	16.2
Other/Unknown	≥700	6.1	50.9	15.3	8.5	7.1	12.1	≥700	6.1	46.6	9.7	14.9	5.8	16.9	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.5: Screener Performance Level by Domain - Grade 3

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,980	7.8	23.8	10.8	20.1	18.4	19.1	≥3,980	7.8	45.9	12.7	16.8	7.1	9.8
Gender	Female	≥1,830	8.1	21.9	9.8	20.2	18.3	21.7	≥1,830	8.1	43.0	12.5	17.5	7.9	10.9
	Male	≥1,900	7.8	25.1	11.5	20.4	18.5	16.8	≥1,900	7.8	48.1	12.7	16.4	6.2	8.8
	Missing	≥230	4.7	27.5	14.0	17.4	18.2	18.2	≥230	4.7	51.7	13.6	14.0	7.2	8.9
Ethnicity	American Indian or Alaskan Native	≥ 40	≤1.0	7.1	0.0	26.2	45.2	21.4	≥40	≤1.0	26.2	19.0	33.3	11.9	9.5
	Asian	≥580	2.6	11.9	10.6	20.8	19.3	34.9	≥580	2.6	33.0	12.8	19.3	11.8	20.6
	Black or African American	≥380	5.7	24.0	9.3	21.4	24.3	15.2	≥380	5.7	44.7	14.5	22.5	6.7	5.9
	Hispanic or Latino	≥1,640	11.5	29.4	11.5	19.0	16.0	12.6	≥1,640	11.5	52.3	11.5	13.5	5.3	5.9
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥80	2.3	13.6	13.6	36.4	28.4	5.7	≥80	2.3	43.2	29.5	18.2	5.7	1.1
	Two or More Races	≥190	7.2	20.0	10.3	22.1	20.0	20.5	≥190	7.2	46.9	11.9	17.0	8.2	8.8
	White	≥340	5.5	24.1	8.3	17.0	18.4	26.7	≥340	5.5	40.5	12.6	17.8	7.8	15.8
Other/Unknown	≥690	7.1	23.5	12.2	19.9	16.5	20.9	≥690	7.1	46.5	12.0	17.1	6.7	10.6	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.5: Screener Performance Level by Domain - Grade 3 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,980	7.8	48.0	11.3	10.1	10.4	12.5	≥3,980	7.8	47.5	11.4	14.5	7.3	11.5
Gender	Female	≥1,830	8.1	45.0	11.0	10.4	11.0	14.4	≥1,830	8.1	44.9	11.1	14.9	7.8	13.2
	Male	≥1,900	7.8	50.3	11.5	9.8	10.0	10.6	≥1,900	7.8	49.2	11.9	14.2	6.8	10.0
	Missing	≥230	4.7	52.1	11.9	10.2	8.5	12.7	≥230	4.7	54.2	9.7	13.1	7.2	11.0
Ethnicity	American Indian or Alaskan Native	≥40	0.0	26.2	21.4	16.7	26.2	9.5	≥40	0.0	26.2	16.7	28.6	16.7	11.9
	Asian	≥580	2.6	38.2	8.3	11.8	13.8	25.4	≥580	2.6	33.0	14.1	15.8	9.7	24.7
	Black or African American	≥380	5.7	45.2	14.2	11.6	12.4	10.9	≥380	5.7	48.1	10.9	19.9	8.3	7.2
	Hispanic or Latino	≥1,640	11.5	53.6	10.8	8.8	7.8	7.5	≥1,640	11.5	54.5	9.4	12.5	5.3	6.8
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥80	2.3	52.3	25.0	9.1	6.8	4.5	≥80	2.3	46.6	27.3	13.6	9.1	1.1
	Two or More Races	≥190	7.2	45.9	11.3	9.3	11.9	14.4	≥190	7.2	48.5	10.3	13.4	9.8	10.8
	White	≥340	5.5	41.7	10.1	12.6	11.5	18.7	≥340	5.5	41.4	11.2	15.2	9.2	17.5
	Other/Unknown	≥690	7.1	49.0	11.6	9.6	11.0	11.7	≥690	7.1	47.2	12.2	13.9	7.0	12.6

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.6: Screener Performance Level by Domain - Grade 4

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,620	8.3	28.5	6.7	12.0	20.2	24.3	≥3,620	8.3	39.8	9.1	15.4	10.2	17.1
Gender	Female	≥1,590	9.0	25.9	6.1	11.7	20.2	27.1	≥1,590	9.0	36.9	9.0	15.7	10.4	18.9
	Male	≥1,800	8.0	31.3	7.0	12.2	19.8	21.7	≥1,800	8.0	42.6	9.6	14.7	9.8	15.3
	Missing	≥220	6.2	24.4	8.0	13.3	22.2	25.8	≥220	6.2	38.7	6.7	17.8	12.4	18.2
Ethnicity	American Indian or Alaskan Native	≥50	3.7	9.3	5.6	18.5	38.9	24.1	≥50	3.7	24.1	13.0	27.8	14.8	16.7
	Asian	≥510	2.3	13.7	7.5	13.3	23.2	39.8	≥510	2.3	27.6	11.6	14.3	12.9	31.3
	Black or African American	≥330	6.6	20.7	8.1	15.9	21.6	27.2	≥330	6.6	33.2	10.8	21.0	9.6	18.9
	Hispanic or Latino	≥1,490	12.9	37.7	5.8	10.0	17.8	15.8	≥1,490	12.9	47.8	7.4	13.8	8.3	9.8
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥70	0.0	17.8	2.7	31.5	35.6	12.3	≥70	0.0	32.9	16.4	30.1	9.6	11.0
	Two or More Races	≥180	8.2	28.6	3.3	9.3	20.3	30.2	≥180	8.3	35.4	7.7	14.4	12.2	22.1
	White	≥320	5.8	29.6	7.6	11.0	14.6	31.4	≥320	5.8	41.5	9.8	10.1	9.8	23.2
Other/Unknown	≥630	6.1	25.3	8.3	12.4	21.8	26.1	≥630	6.1	37.2	9.4	17.1	12.2	17.9	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.6: Screener Performance Level by Domain - Grade 4 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,620	8.3	38.0	7.9	12.2	9.8	23.8	≥3,620	8.3	37.3	8.4	22.8	7.3	15.8
Gender	Female	≥1,590	9.0	35.7	6.4	12.3	9.7	26.8	≥1,590	9.0	34.4	7.8	23.4	7.7	17.6
	Male	≥1,800	8.0	40.4	8.9	12.2	9.7	20.8	≥1,800	8.0	40.2	8.8	22.1	6.9	14.0
	Missing	≥220	6.2	35.6	9.8	10.7	10.7	27.1	≥220	6.2	34.2	9.8	24.0	8.4	17.3
Ethnicity	American Indian or Alaskan Native	≥50	3.7	18.5	13.0	27.8	18.5	18.5	≥50	3.7	18.5	13.0	40.7	13.0	11.1
	Asian	≥510	2.3	27.3	9.1	12.2	10.3	38.9	≥510	2.3	23.7	9.3	26.4	8.7	29.5
	Black or African American	≥330	6.6	28.1	11.4	17.1	9.3	27.5	≥330	6.6	30.8	10.5	25.1	8.7	18.3
	Hispanic or Latino	≥1,490	12.9	46.2	6.2	10.7	8.5	15.3	≥1,490	12.9	45.2	7.4	20.0	6.4	8.1
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥70	≤1.0	24.7	16.4	26.0	16.4	16.4	≥70	≤1.0	31.5	12.3	41.1	5.5	9.6
	Two or More Races	≥180	8.3	35.4	3.9	9.9	9.4	33.1	≥180	8.3	34.3	6.1	21.5	8.8	21.0
	White	≥320	5.8	39.0	9.1	9.5	7.0	29.6	≥320	5.8	39.3	8.5	15.2	5.8	25.3
Other/Unknown	≥630	6.1	36.1	8.0	12.1	12.7	25.0	≥630	6.1	35.2	8.9	25.9	7.7	16.2	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.7: Screener Performance Level by Domain - Grade 5

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,380	9.0	29.6	6.7	7.3	21.1	26.2	≥3,380	9.0	39.8	9.8	16.0	8.1	17.2
Gender	Female	≥1,510	8.4	28.6	7.1	6.3	21.3	28.3	≥1,510	8.4	38.6	9.5	16.9	8.0	18.6
	Male	≥1,670	10.0	30.1	6.5	8.1	20.5	24.8	≥1,670	10.0	40.7	10.0	15.0	8.3	16.0
	Missing	≥190	5.7	33.0	6.2	7.7	24.7	22.7	≥190	5.7	42.3	10.8	18.0	6.7	16.5
Ethnicity	American Indian or Alaskan Native	≥20	≤1.0	15.4	0.0	3.8	57.7	23.1	≥20	≤1.0	23.1	15.4	34.6	7.7	19.2
	Asian	≥460	1.9	14.6	9.0	8.6	25.5	40.5	≥460	1.9	28.3	10.3	19.5	9.0	31.0
	Black or African American	≥300	7.6	24.0	7.6	13.2	20.4	27.3	≥300	7.6	38.2	11.8	16.8	7.6	18.1
	Hispanic or Latino	≥1,420	14.3	37.4	5.9	5.1	18.3	18.9	≥1,420	14.3	45.7	8.0	14.5	7.0	10.5
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥80	8.8	16.3	12.5	21.3	28.8	12.5	≥80	8.8	37.5	23.8	20.0	5.0	5.0
	Two or More Races	≥170	5.8	23.3	1.2	1.7	27.9	40.1	≥170	5.8	26.7	8.1	18.6	17.4	23.3
	White	≥310	4.5	32.5	6.1	8.3	16.2	32.5	≥310	4.5	41.4	9.9	12.4	7.0	24.8
Other/Unknown	≥580	6.5	28.3	8.0	7.7	22.5	27.0	≥580	6.5	39.8	11.3	15.9	8.7	17.9	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.7: Screener Performance Level by Domain - Grade 5 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,380	9.0	39.0	8.5	11.4	8.8	23.4	≥3,380	9.0	33.9	8.3	25.4	6.4	17.0
Gender	Female	≥1,510	8.4	38.4	7.9	11.9	9.0	24.3	≥1,510	8.4	33.2	7.2	26.1	6.5	18.5
	Male	≥1,670	10.0	39.2	8.7	10.8	8.7	22.6	≥1,670	10.0	34.2	9.0	24.8	6.1	15.9
	Missing	≥190	5.7	40.7	11.3	11.9	7.7	22.7	≥190	5.7	36.6	10.8	24.7	7.7	14.4
Ethnicity	American Indian or Alaskan Native	≥20	≤1.0	26.9	7.7	26.9	11.5	26.9	≥20	0.0	15.4	3.8	53.8	11.5	15.4
	Asian	≥460	1.9	28.7	9.9	12.2	9.6	37.7	≥460	1.9	19.5	10.5	30.2	7.3	30.6
	Black or African American	≥300	7.6	33.6	13.8	12.5	6.9	25.7	≥300	7.6	30.9	13.5	24.7	4.9	18.4
	Hispanic or Latino	≥1,420	14.3	45.1	6.5	10.0	8.2	15.9	≥1,420	14.3	41.0	6.7	22.7	5.1	10.1
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥80	8.8	37.5	21.3	13.8	10.0	8.8	≥80	8.8	28.8	12.5	37.5	7.5	5.0
	Two or More Races	≥170	5.8	27.3	4.7	13.4	10.5	38.4	≥170	5.8	23.3	5.8	27.3	14.0	23.8
	White	≥310	4.5	40.4	7.0	9.6	8.0	30.6	≥310	4.5	35.7	6.4	22.6	5.1	25.8
Other/Unknown	≥580	6.5	38.6	9.7	12.8	10.1	22.4	≥580	6.5	33.4	9.0	26.5	7.5	17.1	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.8: Screener Performance Level by Domain - Grade 6

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,140	13.9	24.3	6.5	11.3	18.2	25.8	≥3,140	13.9	34.7	6.7	19.1	9.8	15.7
Gender	Female	≥1,390	13.6	22.5	6.7	10.2	18.7	28.3	≥1,390	13.6	32.6	5.9	20.2	10.1	17.6
	Male	≥1,540	14.6	25.6	6.2	11.8	17.8	24.0	≥1,540	14.6	36.5	6.9	18.0	9.9	14.1
	Missing	≥200	11.1	26.9	7.2	14.4	18.3	22.1	≥200	11.1	35.6	11.1	19.7	7.7	14.9
Ethnicity	American Indian or Alaskan Native	≥30	≤1.0	10.5	2.6	5.3	44.7	36.8	≥ 30	≤1.0	15.8	0.0	39.5	26.3	18.4
	Asian	≥420	4.7	15.4	5.9	13.7	17.8	42.4	≥420	4.7	24.6	6.9	19.7	10.7	33.4
	Black or African American	≥270	10.8	19.7	7.2	15.1	20.4	26.9	≥270	10.8	34.1	6.8	21.5	11.1	15.8
	Hispanic or Latino	≥1,430	21.0	29.0	7.1	8.9	16.1	17.8	≥1,430	21.0	39.4	5.7	17.5	7.4	9.0
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥60	5.9	25.0	10.3	20.6	29.4	8.8	≥60	5.9	38.2	14.7	27.9	10.3	2.9
	Two or More Races	≥120	10.5	16.9	4.0	8.1	29.0	31.5	≥120	10.5	25.8	8.1	25.0	14.5	16.1
	White	≥240	7.7	22.0	5.3	13.4	17.1	34.6	≥240	7.7	32.1	8.9	18.3	11.4	21.5
Other/Unknown	≥530	9.4	24.9	5.7	12.6	17.7	29.6	≥520	9.5	34.6	7.4	18.1	12.1	18.3	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.8: Screener Performance Level by Domain - Grade 6 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥3,130	13.9	30.9	8.2	21.2	9.0	16.7	≥3,140	13.9	28.5	8.2	24.8	7.8	16.8
Gender	Female	≥1,390	13.6	29.0	8.2	19.5	10.2	19.5	≥1,390	13.6	26.8	7.8	24.4	8.8	18.6
	Male	≥1,540	14.6	32.6	8.4	21.7	8.1	14.5	≥1,540	14.6	29.8	8.4	24.6	7.4	15.2
	Missing	≥200	11.1	31.3	6.3	29.3	8.2	13.9	≥200	11.1	29.8	10.1	28.4	4.3	16.3
Ethnicity	American Indian or Alaskan Native	≥30	≤1.0	18.4	2.6	39.5	23.7	15.8	≥30	≤1.0	15.8	2.6	36.8	21.1	23.7
	Asian	≥420	4.8	20.0	10.7	23.0	8.1	33.5	≥420	4.7	15.9	10.7	27.0	7.3	34.4
	Black or African American	≥270	10.8	24.0	11.1	25.4	7.2	21.5	≥270	10.8	25.8	10.4	25.8	9.0	18.3
	Hispanic or Latino	≥1,430	21.0	37.2	6.1	17.1	9.1	9.5	≥1,430	21.0	34.4	7.1	21.0	6.6	9.9
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥60	5.9	30.9	19.1	35.3	2.9	5.9	≥60	5.9	33.8	8.8	42.6	4.4	4.4
	Two or More Races	≥120	10.5	21.0	8.1	29.0	8.9	22.6	≥120	10.5	20.2	4.8	31.5	13.7	19.4
	White	≥240	7.7	29.7	8.5	19.1	9.3	25.6	≥240	7.7	24.4	9.3	26.8	8.1	23.6
Other/Unknown	≥520	9.5	30.2	8.9	24.8	10.4	16.3	≥520	9.5	27.8	9.1	26.8	9.1	17.8	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.9: Screener Performance Level by Domain - Grade 7

Subgroup	Status	Listening							Reading								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥3,150	15.5	32.8	7.0	17.0	9.8	18.1	≥3,150	15.5	41.4	9.7	17.0	7.7	8.8		
Gender	Female	≥1,380	16.7	31.2	7.4	14.8	9.3	20.6	≥1,380	16.7	39.7	8.6	16.3	8.6	10.1		
	Male	≥1,590	15.2	34.0	6.9	18.4	10.2	15.3	≥1,590	15.2	42.7	10.6	17.7	6.3	7.5		
	Missing	≥170	7.8	34.1	4.5	20.7	10.1	22.9	≥170	7.8	42.5	10.6	16.2	12.8	10.1		
Ethnicity	American Indian or Alaskan Native	≥30	7.9	0.0	0.0	31.6	28.9	31.6	≥30	7.9	7.9	15.8	44.7	21.1	2.6		
	Asian	≥380	4.5	15.5	9.2	21.3	10.0	39.6	≥380	4.5	26.2	11.5	20.2	11.5	26.0		
	Black or African American	≥250	10.3	28.2	8.7	18.3	10.7	23.8	≥250	10.3	38.1	11.9	18.7	9.9	11.1		
	Hispanic or Latino	≥1,510	24.0	39.2	5.7	11.9	8.4	10.7	≥1,510	24.0	46.2	7.1	13.2	5.7	3.8		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥60	4.8	19.0	22.2	38.1	7.9	7.9	≥60	4.8	41.3	23.8	20.6	7.9	1.6		
	Two or More Races	≥130	13.2	30.9	3.7	17.6	8.8	25.7	≥130	13.2	35.3	11.8	17.6	8.8	13.2		
	White	≥300	5.5	29.3	7.5	23.8	14.3	19.5	≥300	5.5	39.7	11.4	25.4	6.8	11.1		
Other/Unknown	≥450	8.6	35.2	7.5	20.5	9.7	18.5	≥450	8.6	44.9	11.5	17.4	8.8	8.8			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.9: Screener Performance Level by Domain - Grade 7 (cont.)

Subgroup	Status	Speaking							Writing								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥3,150	15.5	37.4	11.2	16.3	6.5	13.1	≥3,150	15.5	39.7	10.0	17.6	6.8	10.6		
Gender	Female	≥1,380	16.7	35.7	9.9	16.0	6.6	15.1	≥1,380	16.7	38.4	8.3	16.3	7.7	12.5		
	Male	≥1,590	15.2	38.8	12.3	16.4	6.1	11.2	≥1,590	15.2	40.8	10.8	19.0	5.4	8.7		
	Missing	≥170	7.8	38.5	11.7	17.3	10.1	14.5	≥170	7.8	39.7	15.1	14.5	11.2	11.7		
Ethnicity	American Indian or Alaskan Native	≥30	7.9	13.2	21.1	31.6	13.2	13.2	≥30	7.9	2.6	13.2	44.7	23.7	7.9		
	Asian	≥380	4.5	18.9	14.4	19.7	10.8	31.8	≥380	4.5	23.1	14.7	20.2	9.4	28.1		
	Black or African American	≥250	10.3	29.0	13.1	21.4	6.7	19.4	≥250	10.3	35.7	11.9	18.7	6.7	16.7		
	Hispanic or Latino	≥1,510	24.0	43.1	7.8	13.5	4.7	6.9	≥1,510	24.0	45.0	7.5	13.1	5.5	4.9		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥60	4.8	31.7	33.3	23.8	4.8	1.6	≥60	4.8	36.5	20.6	28.6	4.8	4.8		
	Two or More Races	≥130	13.2	35.3	9.6	13.2	5.9	22.8	≥130	13.2	37.5	5.9	18.4	8.8	16.2		
	White	≥300	5.5	40.7	16.0	14.3	6.8	16.6	≥300	5.5	38.8	9.4	27.4	6.2	12.7		
Other/Unknown	≥450	8.6	39.5	12.4	19.9	8.8	10.8	≥450	8.6	42.5	13.2	18.9	7.3	9.5			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.10: Screener Performance Level by Domain - Grade 8

Subgroup	Status	Listening							Reading								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥2,800	15.7	31.9	7.7	16.7	11.3	16.6	≥2,800	15.7	40.6	9.9	22.9	6.6	4.3		
Gender	Female	≥1,190	14.8	31.0	8.4	16.5	11.1	18.2	≥1,190	14.8	39.9	9.9	23.1	7.5	4.7		
	Male	≥1,430	17.1	32.8	7.6	16.9	11.0	14.6	≥1,430	17.1	41.8	9.6	22.0	5.6	3.9		
	Missing	≥170	11.4	30.7	4.0	17.6	14.2	22.2	≥170	11.4	36.4	11.4	29.0	7.4	4.5		
Ethnicity	American Indian or Alaskan Native	≥20	3.7	3.7	11.1	37.0	22.2	22.2	≥20	3.7	11.1	33.3	37.0	14.8	≤1.0		
	Asian	≥330	4.8	16.1	13.3	23.9	15.8	26.1	≥330	4.8	29.6	13.9	30.5	10.0	11.2		
	Black or African American	≥220	13.6	22.8	13.2	21.1	14.0	15.4	≥220	13.6	36.4	13.2	27.6	5.3	3.9		
	Hispanic or Latino	≥1,350	21.3	38.9	5.6	12.7	9.9	11.6	≥1,350	21.3	45.3	7.6	18.8	5.2	1.7		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥50	5.2	22.4	10.3	41.4	12.1	8.6	≥50	5.2	37.9	27.6	22.4	5.2	1.7		
	Two or More Races	≥140	24.0	30.1	2.7	17.8	4.1	21.2	≥140	24.0	34.9	8.2	20.5	8.2	4.1		
	White	≥200	7.0	28.0	13.0	18.0	11.0	23.0	≥200	7.0	42.5	9.5	25.5	7.0	8.5		
Other/Unknown	≥460	11.7	32.5	5.6	16.0	12.3	21.9	≥460	11.7	39.9	8.9	26.0	7.6	5.9			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.10: Screener Performance Level by Domain - Grade 8 (cont.)

Subgroup	Status	Speaking							Writing								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥2,800	15.7	35.1	10.1	19.5	8.1	11.5	≥2,800	15.7	39.0	11.2	19.5	7.0	7.6		
Gender	Female	≥1,190	14.8	34.4	10.0	19.4	8.9	12.5	≥1,190	14.8	38.9	11.0	19.4	7.2	8.7		
	Male	≥1,430	17.1	36.2	10.0	19.4	7.2	10.0	≥1,430	17.1	39.8	11.1	19.3	6.1	6.6		
	Missing	≥170	11.4	30.7	10.8	20.5	10.8	15.9	≥170	11.4	33.0	13.6	21.0	12.5	8.5		
Ethnicity	American Indian or Alaskan Native	≥20	3.7	22.2	7.4	44.4	14.8	7.4	≥20	3.7	14.8	11.1	48.1	14.8	7.4		
	Asian	≥330	4.8	20.2	15.4	28.7	8.5	22.4	≥330	4.8	27.5	16.6	25.1	10.3	15.7		
	Black or African American	≥220	13.6	25.9	14.0	23.7	7.9	14.9	≥220	13.6	32.0	17.1	22.4	7.0	7.9		
	Hispanic or Latino	≥1,350	21.3	41.7	8.1	15.2	7.2	6.5	≥1,350	21.3	44.7	7.9	17.2	4.8	4.1		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥50	5.2	27.6	27.6	25.9	5.2	8.6	≥50	5.2	34.5	27.6	24.1	3.4	5.2		
	Two or More Races	≥140	24.0	32.2	6.8	11.0	8.9	17.1	≥140	24.0	35.6	10.3	11.0	9.6	9.6		
	White	≥200	7.0	36.0	9.0	23.0	8.0	17.0	≥200	7.0	39.0	15.5	18.5	6.0	14.0		
Other/Unknown	≥460	11.7	33.1	9.7	22.1	10.4	13.0	≥460	11.7	36.9	10.6	21.3	10.6	8.9			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.11: Screener Performance Level by Domain - Grade 9

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥5,060	17.9	41.3	7.0	14.3	7.8	11.8	≥5,060	17.9	47.1	9.8	16.0	4.7	4.6
Gender	Female	≥2,110	17.2	40.4	7.2	14.8	7.5	13.0	≥2,110	17.2	45.9	10.4	16.3	4.9	5.4
	Male	≥2,610	19.1	42.7	7.0	13.9	7.5	9.9	≥2,610	19.1	48.6	9.3	15.4	4.2	3.3
	Missing	≥340	14.1	36.5	6.3	13.8	11.2	18.1	≥340	14.1	42.2	9.2	18.4	7.2	8.9
Ethnicity	American Indian or Alaskan Native	≥40	4.9	7.3	2.4	39.0	29.3	17.1	≥40	4.9	12.2	19.5	51.2	7.3	4.9
	Asian	≥430	4.8	21.2	9.4	23.5	11.3	29.7	≥430	4.8	28.1	15.9	25.6	11.5	14.1
	Black or African American	≥410	10.5	37.3	11.7	20.1	9.1	11.2	≥410	10.5	45.7	16.3	19.9	3.3	4.3
	Hispanic or Latino	≥2,680	24.3	49.8	5.5	9.5	4.9	6.0	≥2,680	24.3	54.5	6.8	10.2	2.6	1.6
	Native Hawaiian or Other Pacific Islander	≥10	9.1	63.6	9.1	9.1	9.1	≤1.0	≥10	9.1	72.7	9.1	9.1	≤1.0	≤1.0
	Pacific Islander	≥80	2.2	27.0	15.7	34.8	16.9	3.4	≥80	2.2	43.8	16.9	34.8	1.1	1.1
	Two or More Races	≥230	25.2	34.2	8.1	11.1	8.1	13.2	≥230	25.2	38.5	10.3	16.7	3.0	6.4
	White	≥270	9.2	24.4	7.0	19.6	12.2	27.7	≥270	9.2	31.0	10.7	26.9	11.8	10.3
Other/Unknown	≥880	11.7	36.9	7.2	17.4	10.7	16.1	≥880	11.7	43.2	11.1	20.1	6.9	7.0	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.11: Screener Performance Level by Domain - Grade 9 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥5,060	17.9	41.8	10.0	15.0	5.3	10.0	≥5,060	17.9	46.9	9.0	15.8	3.8	6.5
Gender	Female	≥2,110	17.2	39.3	11.1	15.4	5.5	11.6	≥2,110	17.2	45.9	9.8	15.5	4.1	7.6
	Male	≥2,610	19.1	44.3	9.1	14.7	4.8	8.0	≥2,610	19.1	48.5	8.4	15.6	3.3	5.1
	Missing	≥340	14.1	37.4	10.6	15.2	8.0	14.7	≥340	14.1	41.4	8.6	19.8	5.2	10.9
Ethnicity	American Indian or Alaskan Native	≥40	4.9	14.6	9.8	43.9	22.0	4.9	≥40	4.9	7.3	9.8	70.7	2.4	4.9
	Asian	≥430	4.8	23.3	14.7	20.3	9.9	27.0	≥430	4.8	27.6	15.7	25.6	6.7	19.6
	Black or African American	≥410	10.5	36.1	15.6	21.1	3.1	13.6	≥410	10.5	46.7	14.1	17.2	4.5	6.9
	Hispanic or Latino	≥2,680	24.3	49.9	7.2	10.9	3.4	4.2	≥2,680	24.3	54.6	6.1	10.0	2.3	2.7
	Native Hawaiian or Other Pacific Islander	≥10	9.1	63.6	≤1.0	18.2	9.1	≤1.0	≥10	9.1	72.7	≤1.0	18.2	≤1.0	≤1.0
	Pacific Islander	≥89	2.2	34.8	16.9	34.8	5.6	5.6	≥80	2.2	40.4	22.5	30.3	1.1	3.4
	Two or More Races	≥230	25.2	35.9	9.0	15.0	3.0	12.0	≥230	25.2	39.7	6.0	17.5	2.6	9.0
	White	≥270	9.2	22.9	15.1	17.0	11.1	24.7	≥270	9.2	30.6	12.5	22.1	9.6	15.9
	Other/Unknown	≥880	11.7	37.7	11.8	18.0	7.9	13.0	≥880	11.7	42.4	10.5	21.6	5.3	8.5

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.12: Screener Performance Level by Domain - Grade 10

Subgroup	Status	Listening							Reading								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥2,940	8.8	27.7	9.2	21.7	13.9	18.7	≥2,940	8.8	35.6	14.4	26.8	7.9	6.6		
Gender	Female	≥1,290	8.4	26.5	8.7	22.0	14.2	20.3	≥1,290	8.4	34.5	13.6	27.7	8.5	7.2		
	Male	≥1,410	9.4	28.7	9.2	22.0	13.5	17.1	≥1,420	9.4	36.5	15.0	26.1	7.3	5.7		
	Missing	≥220	7.1	28.4	11.6	17.8	15.1	20.0	≥220	7.1	36.0	14.7	25.3	8.4	8.4		
Ethnicity	American Indian or Alaskan Native	≥30	3.2	6.5	0.0	41.9	25.8	22.6	≥30	3.2	9.7	22.6	51.6	9.7	3.2		
	Asian	≥360	2.7	14.2	14.2	28.8	14.5	25.5	≥360	2.7	25.8	18.6	30.4	7.4	15.1		
	Black or African American	≥270	4.4	22.6	12.6	20.7	17.0	22.6	≥270	4.4	32.2	17.0	27.4	11.1	7.8		
	Hispanic or Latino	≥1,250	13.4	37.9	7.4	18.0	11.0	12.3	≥1,250	13.4	45.0	11.7	20.7	6.4	2.8		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥60	1.5	18.5	13.8	36.9	13.8	15.4	≥60	1.5	33.8	23.1	27.7	9.2	4.6		
	Two or More Races	≥130	11.2	29.1	6.7	17.9	15.7	19.4	≥130	11.2	34.3	9.0	32.1	6.7	6.7		
	White	≥270	1.5	16.8	8.8	23.1	20.1	29.7	≥270	1.5	23.4	14.7	37.4	11.7	11.4		
Other/Unknown	≥540	8.7	23.0	9.0	22.8	14.7	21.7	≥540	8.6	30.2	15.9	29.9	8.2	7.1			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.12: Screener Performance Level by Domain - Grade 10 (cont.)

Subgroup	Status	Speaking							Writing								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥2,940	8.8	28.9	13.8	23.6	9.7	15.2	≥2,940	8.8	34.7	14.2	25.6	7.3	9.3		
Gender	Female	≥1,290	8.4	26.3	14.0	23.3	10.8	17.3	≥1,290	8.4	32.9	13.9	26.0	7.6	11.2		
	Male	≥1,410	9.4	30.9	14.2	24.3	8.3	12.8	≥1,420	9.4	36.3	14.2	25.5	7.0	7.5		
	Missing	≥220	7.1	31.6	10.7	21.3	11.6	17.8	≥220	7.1	35.1	16.0	24.0	7.6	10.2		
Ethnicity	American Indian or Alaskan Native	≥30	3.2	9.7	16.1	54.8	9.7	6.5	≥30	3.2	12.9	9.7	51.6	12.9	9.7		
	Asian	≥360	2.7	15.3	19.7	27.7	9.9	24.7	≥360	2.7	23.3	25.2	24.9	6.0	17.8		
	Black or African American	≥270	4.4	20.4	20.7	21.9	8.5	24.1	≥270	4.4	30.4	18.1	20.4	12.2	14.4		
	Hispanic or Latino	≥1,250	13.4	40.4	10.3	20.3	7.0	8.6	≥1,250	13.4	44.5	9.8	22.3	5.2	4.8		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥60	1.5	18.5	20.0	38.5	10.8	10.8	≥60	1.5	29.2	15.4	38.5	9.2	6.2		
	Two or More Races	≥130	11.2	26.9	15.7	21.6	8.2	16.4	≥130	11.2	35.1	9.0	26.1	9.0	9.7		
	White	≥270	1.5	16.5	14.7	26.4	14.7	26.4	≥270	1.5	22.7	14.3	35.5	10.3	15.8		
Other/Unknown	≥540	8.7	24.9	13.1	25.0	13.8	14.5	≥540	8.6	29.7	16.5	28.4	8.1	8.8			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.13: Screener Performance Level by Domain - Grade 11

Subgroup	Status	Listening							Reading								
		N	0	1	2	3	4	5	N	0	1	2	3	4	5		
Total		≥2,380	5.1	18.1	8.0	23.6	16.2	29.1	≥2,380	5.1	24.2	14.8	35.2	10.9	9.8		
Gender	Female	≥1,120	4.9	16.7	8.1	23.4	16.7	30.3	≥1,120	4.9	22.6	14.5	36.8	11.0	10.2		
	Male	≥1,030	5.3	18.3	7.4	24.2	16.9	27.8	≥1,030	5.3	24.8	14.5	35.9	10.7	8.8		
	Missing	≥210	5.1	24.0	10.1	21.2	10.6	29.0	≥210	5.1	29.5	17.5	23.5	11.5	12.9		
Ethnicity	American Indian or Alaskan Native	≥20	4.2	8.3	8.3	37.5	20.8	20.8	≥20	4.2	16.7	25.0	45.8	8.3	0.0		
	Asian	≥330	1.8	8.3	10.1	35.1	16.1	28.6	≥330	1.8	15.5	20.5	41.1	9.5	11.6		
	Black or African American	≥180	3.2	19.7	13.8	27.1	14.4	21.8	≥180	3.2	27.7	21.8	33.0	9.0	5.3		
	Hispanic or Latino	≥810	9.5	27.2	8.1	17.5	14.3	23.4	≥810	9.5	34.4	11.6	29.3	7.5	7.8		
	Native Hawaiian or Other Pacific Islander	<10								<10							
	Pacific Islander	≥50	1.9	14.8	9.3	37.0	14.8	22.2	≥50	1.9	25.9	22.2	37.0	7.4	5.6		
	Two or More Races	≥40	4.2	16.7	2.1	37.5	14.6	25.0	≥40	4.2	16.7	20.8	41.7	2.1	14.6		
	White	≥340	0.9	10.3	4.7	20.5	22.9	40.8	≥340	0.9	12.9	12.9	44.9	15.2	13.2		
Other/Unknown	≥570	4.3	15.9	6.9	22.8	15.7	34.3	≥570	4.3	21.3	13.0	34.1	15.7	11.6			

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.13: Screener Performance Level by Domain - Grade 11 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥2,380	5.1	19.2	13.5	25.4	12.5	24.4	≥2,380	5.1	23.8	15.2	33.1	9.7	13.1
Gender	Female	≥1,120	4.9	18.0	12.0	25.6	13.6	25.9	≥1,120	4.9	22.3	15.1	33.8	10.1	13.8
	Male	≥1,030	5.3	20.0	13.4	27.0	11.0	23.3	≥1,030	5.3	24.4	15.4	33.5	9.7	11.6
	Missing	≥210	5.1	21.7	21.2	16.1	13.4	22.6	≥210	5.1	28.6	14.7	27.6	7.4	16.6
Ethnicity	American Indian or Alaskan Native	≥20	4.2	12.5	12.5	54.2	8.3	8.3	≥20	4.2	12.5	25.0	50.0	4.2	4.2
	Asian	≥330	1.8	11.9	17.6	29.5	13.1	26.2	≥330	1.8	14.0	23.2	38.7	8.3	14.0
	Black or African American	≥180	3.2	17.0	21.8	28.2	4.8	25.0	≥180	3.2	28.2	20.2	30.3	8.0	10.1
	Hispanic or Latino	≥810	9.5	29.4	11.1	21.7	10.0	18.3	≥810	9.5	34.2	11.6	24.6	8.5	11.6
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥50	1.9	13.0	22.2	31.5	16.7	14.8	≥50	1.9	20.4	24.1	33.3	13.0	7.4
	Two or More Races	≥40	4.2	16.7	16.7	31.3	4.2	27.1	≥40	4.2	18.8	14.6	41.7	6.3	14.6
	White	≥340	≤1.0	10.6	10.9	22.9	19.6	35.2	≥340	≤1.0	13.5	12.6	43.1	12.3	17.6
Other/Unknown	≥570	4.3	15.9	12.1	26.5	14.4	26.8	≥570	4.3	20.8	14.2	35.5	11.4	13.8	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.14: Screener Performance Level by Domain - Grade 12

Subgroup	Status	Listening							Reading						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥1,610	3.8	14.0	8.6	25.3	19.0	29.2	≥1,610	3.8	19.9	15.4	38.4	12.3	10.2
Gender	Female	≥760	3.3	11.6	10.3	26.6	19.0	29.2	≥760	3.3	18.1	16.8	39.2	12.4	10.2
	Male	≥650	5.3	15.9	7.0	25.2	18.4	28.2	≥650	5.3	21.1	14.7	37.5	11.5	9.9
	Missing	≥180	1.1	17.0	7.4	20.7	21.3	32.4	≥180	1.1	22.9	12.2	37.8	14.9	11.2
Ethnicity	American Indian or Alaskan Native	<10							<10						
	Asian	≥220	≤1.0	7.3	13.2	30.5	18.2	30.5	≥220	≤1.0	15.0	19.1	39.5	14.1	11.8
	Black or African American	≥110	5.3	16.7	18.4	30.7	11.4	17.5	≥110	5.3	27.2	19.3	33.3	4.4	10.5
	Hispanic or Latino	≥520	7.3	23.6	8.4	21.3	15.7	23.6	≥520	7.3	29.9	14.8	31.7	9.0	7.3
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥20	≤1.0	≤1.0	7.7	53.8	34.6	3.8	≥20	≤1.0	7.7	38.5	50.0	3.8	≤1.0
	Two or More Races	≥30	3.3	6.7	3.3	16.7	13.3	56.7	≥30	3.3	10.0	3.3	33.3	16.7	33.3
	White	≥240	1.6	3.3	4.1	22.6	24.3	44.0	≥240	1.6	6.6	11.1	47.3	18.5	14.8
Other/Unknown	≥440	2.7	12.5	6.9	26.1	22.0	29.8	≥440	2.7	17.4	15.1	41.4	14.0	9.4	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Table S16.14: Screener Performance Level by Domain - Grade 12 (cont.)

Subgroup	Status	Speaking							Writing						
		N	0	1	2	3	4	5	N	0	1	2	3	4	5
Total		≥1,610	3.8	15.5	12.5	29.2	14.7	24.3	≥1,610	3.8	19.4	16.6	35.9	10.8	13.4
Gender	Female	≥760	3.3	14.3	13.8	27.1	16.2	25.3	≥760	3.3	18.1	16.8	37.0	11.0	13.8
	Male	≥650	5.3	15.8	11.5	32.2	13.7	21.5	≥650	5.3	20.3	16.4	34.7	10.5	12.7
	Missing	≥180	1.1	19.1	10.1	27.1	12.8	29.8	≥180	1.1	21.3	16.5	35.6	11.7	13.8
Ethnicity	American Indian or Alaskan Native	<10							<10						
	Asian	≥220	≤1.0	10.0	16.4	32.3	12.7	28.2	≥220	≤1.0	13.2	29.1	32.7	9.1	15.5
	Black or African American	≥110	5.3	18.4	19.3	27.2	10.5	19.3	≥110	5.3	26.3	21.9	30.7	5.3	10.5
	Hispanic or Latino	≥520	7.3	24.2	12.1	27.3	11.3	17.9	≥520	7.3	30.1	12.5	29.8	10.7	9.6
	Native Hawaiian or Other Pacific Islander	<10							<10						
	Pacific Islander	≥20	≤1.0	19.2	7.7	57.7	15.4	≤1.0	≥20	≤1.0	3.8	30.8	61.5	≤1.0	3.8
	Two or More Races	≥30	3.3	3.3	16.7	16.7	13.3	46.7	≥30	3.3	10.0	6.7	23.3	10.0	46.7
	White	≥240	1.6	4.5	11.1	25.9	22.2	34.6	≥240	1.6	7.0	11.5	44.0	16.9	18.9
Other/Unknown	≥440	2.7	13.8	10.2	30.7	16.9	25.6	≥440	2.7	16.5	16.3	41.0	10.9	12.7	

* Domain tests with Exemption are excluded.

* Level 0: Performance Not Determined.

Section 17: Screener Assessment - Percentage of Students by Overall Proficiency Category

* The percentages are suppressed when the N count is fewer than 10.

Figure S17.1: Screener Percentage of Students in Proficiency Categories

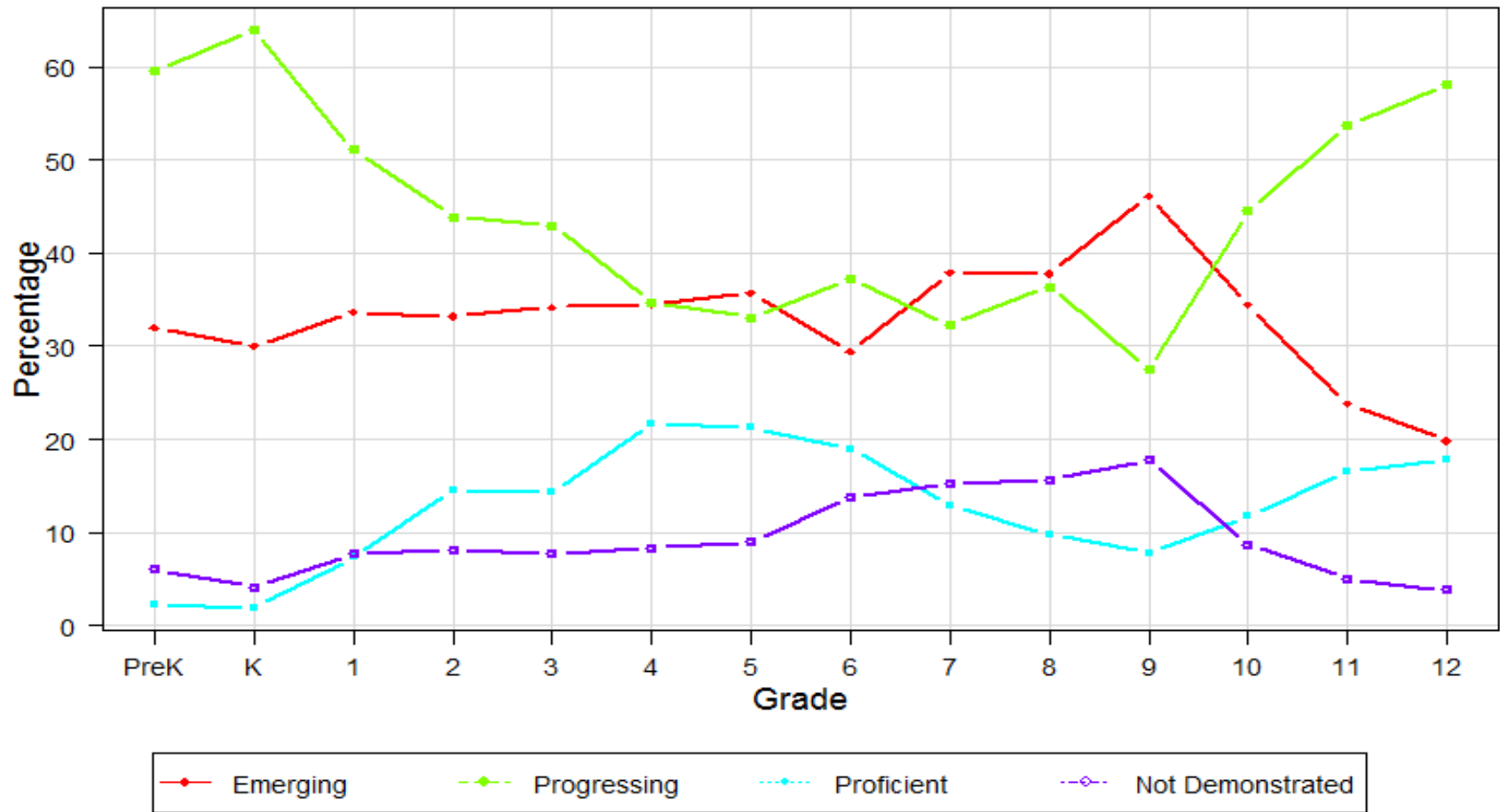


Table S17.1: Screener Overall Proficiency Categories - Pre-Kindergarten

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥10,090	32.1	59.7	2.3	6.0
Gender	Female	≥5,000	30.3	61.8	2.3	5.6
	Male	≥5,010	33.8	57.6	2.2	6.4
	Missing	≥70	31.6	60.5	≤1.0	7.9
Ethnicity	American Indian or Alaskan Native	≥20	23.8	61.9	9.5	4.8
	Asian	≥1,300	25.7	65.6	6.2	2.5
	Black or African American	≥660	28.3	66.1	2.4	3.3
	Hispanic or Latino	≥7,110	33.7	57.9	1.3	7.2
	Pacific Islander	≥330	47.7	47.1	≤1.0	5.1
	Two or More Races	≥70	19.4	69.4	5.6	5.6
	White	≥480	23.2	67.9	7.2	1.7
	Other/Unknown	≥90	29.3	63.0	1.1	6.5

Table S17.2: Screener Overall Proficiency Categories - Kindergarten

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥26,090	30.0	63.9	1.9	4.1
Gender	Female	≥11,220	27.3	67.2	2.2	3.4
	Male	≥11,810	31.9	61.4	2.0	4.7
	Missing	≥3,050	32.9	61.9	≤1.0	4.2
Ethnicity	American Indian or Alaskan Native	≥130	16.3	83.7	≤1.0	≤1.0
	Asian	≥3,920	22.8	68.8	5.9	2.5
	Black or African American	≥2,220	24.2	70.1	1.8	3.9
	Hispanic or Latino	≥6,500	32.8	61.7	0.7	4.8
	Native Hawaiian or Other Pacific Islander	≥40	13.0	82.6	≤1.0	4.3
	Pacific Islander	≥200	39.5	56.0	≤1.0	4.5
	Two or More Races	≥1,220	29.0	61.6	1.9	7.5
	White	≥2,490	31.2	63.1	2.3	3.4
	Other/Unknown	≥9,340	32.5	62.3	1.1	4.1

Table S17.3: Screener Overall Proficiency Categories - Grade 1

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥5,750	33.7	51.2	7.4	7.7
Gender	Female	≥2,610	31.7	52.2	7.8	8.4
	Male	≥2,720	35.3	50.4	6.9	7.4
	Missing	≥410	36.3	51.0	7.6	5.1
Ethnicity	American Indian or Alaskan Native	≥60	23.1	72.3	3.1	1.5
	Asian	≥1,050	21.5	58.6	17.1	2.7
	Black or African American	≥480	26.5	62.3	6.6	4.6
	Hispanic or Latino	2,250	42.0	42.8	2.8	12.4
	Native Hawaiian or Other Pacific Islander	≥10	30.0	60.0	10.0	≤1.0
	Pacific Islander	≥110	36.0	56.1	1.8	6.1
	Two or More Races	≥260	30.1	53.8	8.3	7.9
	White	≥530	29.2	58.1	8.7	4.0
Other/Unknown	≥970	35.3	50.8	7.6	6.4	

Table S17.4: Screener Overall Proficiency Categories - Grade 2

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥4,390	33.2	44.0	14.7	8.1
Gender	Female	≥1,940	31.0	44.4	16.6	8.0
	Male	≥2,180	34.9	43.6	12.9	8.6
	Missing	≥ 260	35.4	44.2	15.0	5.4
Ethnicity	American Indian or Alaskan Native	≥30	2.6	87.2	5.1	5.1
	Asian	≥ 740	22.6	44.0	31.0	2.4
	Black or African American	≥ 400	25.0	56.2	14.1	4.7
	Hispanic or Latino	≥1,800	40.8	38.5	7.5	13.2
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥90	24.0	67.7	4.2	4.2
	Two or More Races	≥ 210	25.8	53.0	11.5	9.7
	White	≥ 370	31.6	46.3	18.9	3.2
Other/Unknown	≥700	35.8	41.2	16.9	6.1	

Table S17.5: Screener Overall Proficiency Categories - Grade 3

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥3,980	34.5	43.4	14.4	7.8
Gender	Female	≥1,830	31.6	44.4	15.9	8.1
	Male	≥1,900	36.4	42.9	12.9	7.8
	Missing	≥230	41.5	39.4	14.4	4.7
Ethnicity	American Indian or Alaskan Native	≥40	7.1	73.8	19.0	≤1.0
	Asian	≥580	22.3	46.7	28.4	2.6
	Black or African American	≥380	32.6	51.4	10.3	5.7
	Hispanic or Latino	≥1,640	40.9	38.9	8.8	11.5
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥80	27.3	63.6	6.8	2.3
	Two or More Races	≥190	30.3	46.7	15.9	7.2
	White	≥340	32.5	41.1	21.0	5.5
Other/Unknown	≥690	35.7	42.2	15.1	7.1	

Table S17.6: Screener Overall Proficiency Categories - Grade 4

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥3,620	34.8	35.0	21.9	8.3
Gender	Female	≥1,590	31.5	35.5	23.9	9.0
	Male	≥1,800	38.0	34.3	19.7	8.0
	Missing	≥220	32.0	36.9	24.9	6.2
Ethnicity	American Indian or Alaskan Native	≥50	13.0	61.1	22.2	3.7
	Asian	≥510	21.2	38.8	37.6	2.3
	Black or African American	≥330	27.5	41.3	24.6	6.6
	Hispanic or Latino	≥1,490	43.2	30.8	13.1	12.9
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥70	20.5	65.8	13.7	≤1.0
	Two or More Races	≥180	31.3	33.0	27.5	8.2
	White	≥320	36.9	27.1	30.2	5.8
Other/Unknown	≥630	33.3	37.5	23.1	6.1	

Table S17.7: Screener Overall Proficiency Categories - Grade 5

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥3,380	36.0	33.4	21.5	9.0
Gender	Female	≥1,510	35.4	33.4	22.7	8.4
	Male	≥1,670	36.2	33.3	20.5	10.0
	Missing	≥190	39.2	34.5	20.6	5.7
Ethnicity	American Indian or Alaskan Native	≥20	15.4	57.7	26.9	≤1.0
	Asian	≥460	23.6	38.5	36.0	1.9
	Black or African American	≥300	30.9	40.5	21.1	7.6
	Hispanic or Latino	≥1,420	43.1	28.7	13.9	14.3
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥80	27.5	53.8	10.0	8.8
	Two or More Races	≥170	23.8	37.2	33.1	5.8
	White	≥310	38.2	28.3	29.0	4.5
Other/Unknown	≥580	35.8	35.0	22.7	6.5	

Table S17.8: Screener Overall Proficiency Categories - Grade 6

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥3,140	29.6	37.4	19.1	13.9
Gender	Female	≥1,390	27.8	36.5	22.2	13.6
	Male	≥1,540	30.9	37.8	16.7	14.6
	Missing	≥200	31.7	40.9	16.3	11.1
Ethnicity	American Indian or Alaskan Native	≥30	13.2	52.6	34.2	≤1.0
	Asian	≥420	19.7	38.6	37.0	4.7
	Black or African American	≥270	24.4	43.7	21.1	10.8
	Hispanic or Latino	≥1,430	35.3	31.8	11.9	21.0
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥60	33.8	55.9	4.4	5.9
	Two or More Races	≥120	19.4	50.0	20.2	10.5
	White	≥240	25.2	41.1	26.0	7.7
Other/Unknown	≥530	29.8	40.0	20.8	9.4	

Table S17.9: Screener Overall Proficiency Categories - Grade 7

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥3,150	38.5	32.9	13.2	15.5
Gender	Female	≥1,380	37.3	31.0	15.0	16.7
	Male	≥1,590	39.7	34.2	10.9	15.2
	Missing	≥170	38.0	35.2	19.0	7.8
Ethnicity	American Indian or Alaskan Native	≥30	≤1.0	78.9	13.2	7.9
	Asian	≥380	23.4	39.6	32.5	4.5
	Black or African American	≥250	34.5	36.1	19.0	10.3
	Hispanic or Latino	≥1,510	44.1	25.1	6.8	24.0
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥60	38.1	50.8	6.3	4.8
	Two or More Races	≥130	33.1	33.8	19.9	13.2
	White	≥300	35.8	44.3	14.3	5.5
Other/Unknown	≥450	41.0	37.2	13.2	8.6	

Table S17.10: Screener Overall Proficiency Categories - Grade 8

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥2,800	37.9	36.5	9.8	15.7
Gender	Female	≥1,190	37.9	36.2	11.1	14.8
	Male	≥1,430	38.6	35.7	8.6	17.1
	Missing	≥170	32.4	46.0	10.2	11.4
Ethnicity	American Indian or Alaskan Native	≥20	14.8	66.7	14.8	3.7
	Asian	≥330	25.4	49.5	20.2	4.8
	Black or African American	≥220	32.9	46.1	7.5	13.6
	Hispanic or Latino	≥1,350	43.5	29.0	6.1	21.3
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥50	31.0	58.6	5.2	5.2
	Two or More Races	≥140	32.9	31.5	11.6	24.0
	White	≥200	37.5	40.5	15.0	7.0
Other/Unknown	≥460	36.8	39.8	11.7	11.7	

Table S17.11: Screener Overall Proficiency Categories - Grade 9

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥5,060	46.5	27.8	7.9	17.9
Gender	Female	≥2,110	45.4	28.5	9.0	17.2
	Male	≥2,610	48.1	26.6	6.3	19.1
	Missing	≥340	41.1	32.2	12.6	14.1
Ethnicity	American Indian or Alaskan Native	≥40	9.8	78.0	7.3	4.9
	Asian	≥430	28.3	44.5	22.4	4.8
	Black or African American	≥410	45.5	37.1	6.9	10.5
	Hispanic or Latino	≥2,680	53.8	18.4	3.6	24.3
	Native Hawaiian or Other Pacific Islander	≥10	63.6	27.3	≤1.0	9.1
	Pacific Islander	≥80	39.3	56.2	2.2	2.2
	Two or More Races	≥230	40.6	26.5	7.7	25.2
	White	≥270	31.0	40.6	19.2	9.2
Other/Unknown	≥880	42.1	34.8	11.4	11.7	

Table S17.12: Screener Overall Proficiency Categories - Grade 10

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥2,940	34.6	44.8	11.8	8.8
Gender	Female	≥1,290	32.7	45.4	13.5	8.4
	Male	≥1,420	35.9	44.8	9.9	9.4
	Missing	≥220	37.3	41.3	14.2	7.1
Ethnicity	American Indian or Alaskan Native	≥30	6.5	80.6	9.7	3.2
	Asian	≥360	24.9	51.8	20.5	2.7
	Black or African American	≥270	31.5	46.7	17.4	4.4
	Hispanic or Latino	≥1,250	43.6	36.5	6.5	13.4
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥60	30.8	55.4	12.3	1.5
	Two or More Races	≥130	33.6	45.5	9.7	11.2
	White	≥270	22.3	57.5	18.7	1.5
Other/Unknown	≥540	30.4	48.4	12.6	8.6	

Table S17.13: Screener Overall Proficiency Categories - Grade 11

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥2,380	24.0	54.2	16.8	5.1
Gender	Female	≥1,120	22.6	55.3	17.3	4.9
	Male	≥1,030	23.6	56.1	15.1	5.3
	Missing	≥210	33.6	39.2	22.1	5.1
Ethnicity	American Indian or Alaskan Native	≥20	8.3	83.3	4.2	4.2
	Asian	≥330	15.8	65.5	17.0	1.8
	Black or African American	≥180	30.3	55.3	11.2	3.2
	Hispanic or Latino	≥810	33.6	43.5	13.4	9.5
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥50	20.4	64.8	13.0	1.9
	Two or More Races	≥40	18.8	62.5	14.6	4.2
	White	≥340	13.5	61.9	23.8	≤1.0
Other/Unknown	≥570	20.9	54.7	20.1	4.3	

Table S17.14: Screener Overall Proficiency Categories - Grade 12

Subgroup	Status	N	Emerging	Progressing	Proficient	Proficiency Not Demonstrated
Total		≥1,610	19.9	58.4	17.8	3.8
Gender	Female	≥760	19.4	58.9	18.4	3.3
	Male	≥650	20.0	58.1	16.5	5.3
	Missing	≥180	21.3	57.4	20.2	1.1
Ethnicity	American Indian or Alaskan Native	<10				
	Asian	≥220	18.2	61.4	20.0	≤1.0
	Black or African American	≥110	29.8	50.9	14.0	5.3
	Hispanic or Latino	≥520	28.8	51.4	12.5	7.3
	Native Hawaiian or Other Pacific Islander	<10				
	Pacific Islander	≥20	3.8	92.3	3.8	≤1.0
	Two or More Races	≥30	10.0	46.7	40.0	3.3
	White	≥240	6.2	65.0	27.2	1.6
Other/Unknown	≥440	17.1	61.9	18.3	2.7	

Section 18: Screener Assessment - Testing Time

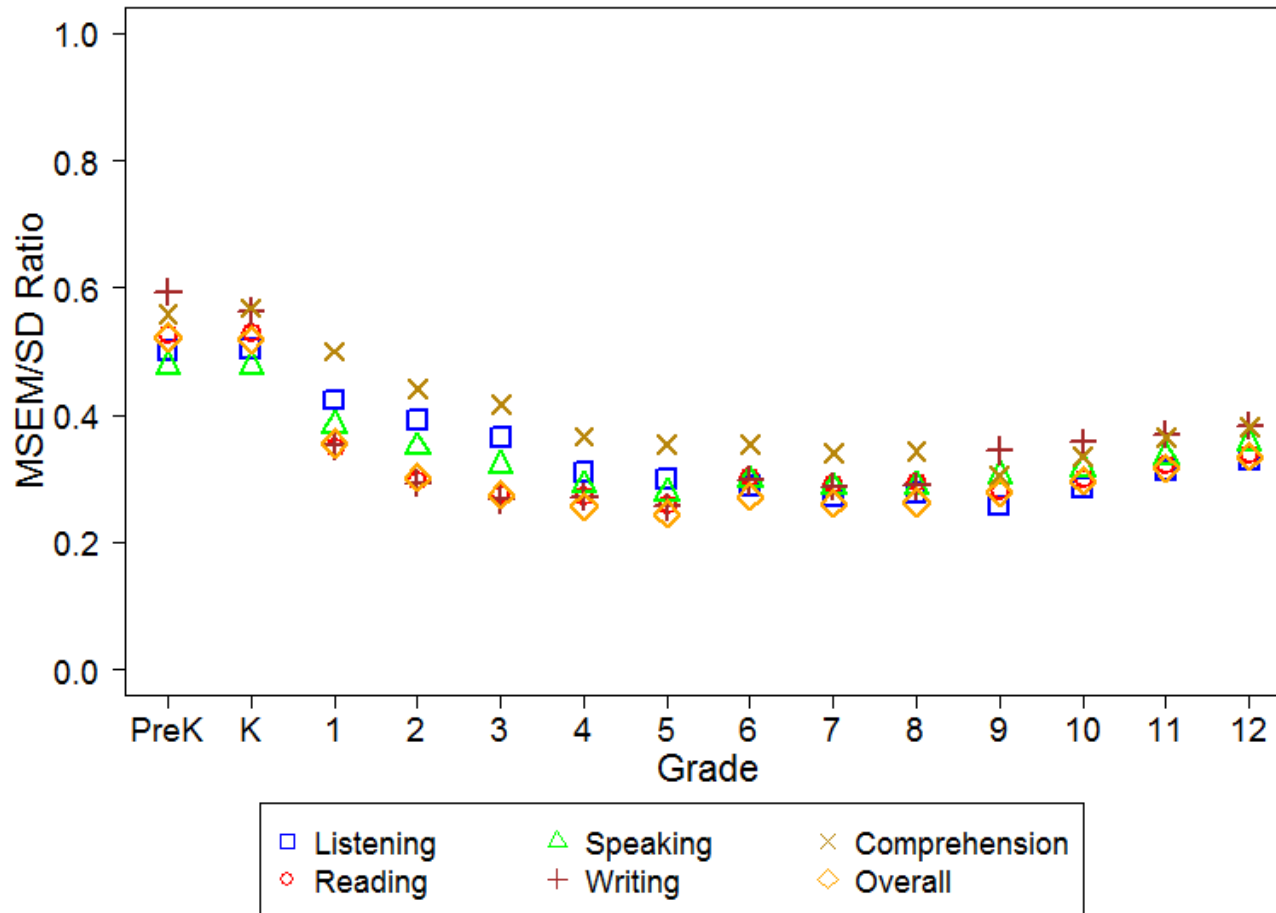
Table S18.1: Screener Testing Time

Grade/Grade Band	End Step	N	N of Items	Testing Time (Minutes)								
				Min	P10	P25	P50	P75	P90	Max	Mean	SD
PreK	Step 2	≥8,710	27	2.2	7.5	8.6	10.2	12.6	16.0	59.4	11.2	4.3
	Step 3	≥750	45	11.7	16.4	17.9	20.4	24.5	28.8	53.6	21.8	5.6
K	Step 2	≥22,290	27	0.9	7.7	8.9	10.7	13.3	16.9	83.6	11.8	4.8
	Step 3	≥1,490	45	10.1	16.2	18.4	21.3	25.5	30.8	100.2	22.9	7.0
1	Step 2	≥3,370	28	2.1	9.3	11.0	13.3	16.4	20.6	75.8	14.3	5.6
	Step 3	≥1,320	47	13.1	20.5	23.5	27.9	33.9	42.8	107.7	30.2	10.2
2-3	Step 2	≥4,640	30	0.9	9.6	11.5	14.4	18.0	22.7	71.6	15.4	6.0
	Step 3	≥2,180	50	13.5	29.5	34.6	42.1	52.2	64.6	142.6	44.9	14.5
4-5	Step 2	≥3,480	32	1.6	11.9	15.6	20.2	25.8	32.6	88.2	21.5	9.2
	Step 3	≥2,840	54	18.8	32.4	37.8	45.8	56.1	69.7	204.9	49.0	16.6
6-8	Step 2	≥4,100	31	1.3	12.0	16.9	23.6	31.8	41.0	174.9	25.5	12.9
	Step 3	≥3,560	54	18.7	33.8	40.1	49.9	61.8	76.3	192.8	53.0	18.4
9-12	Step 2	≥5,960	32	1.1	15.3	21.8	29.9	39.8	52.1	159.3	32.3	15.9
	Step 3	≥4,620	54	12.0	36.6	44.0	54.3	67.4	82.8	227.3	57.9	20.2

Section 19: Screener Assessment - Marginal Reliability

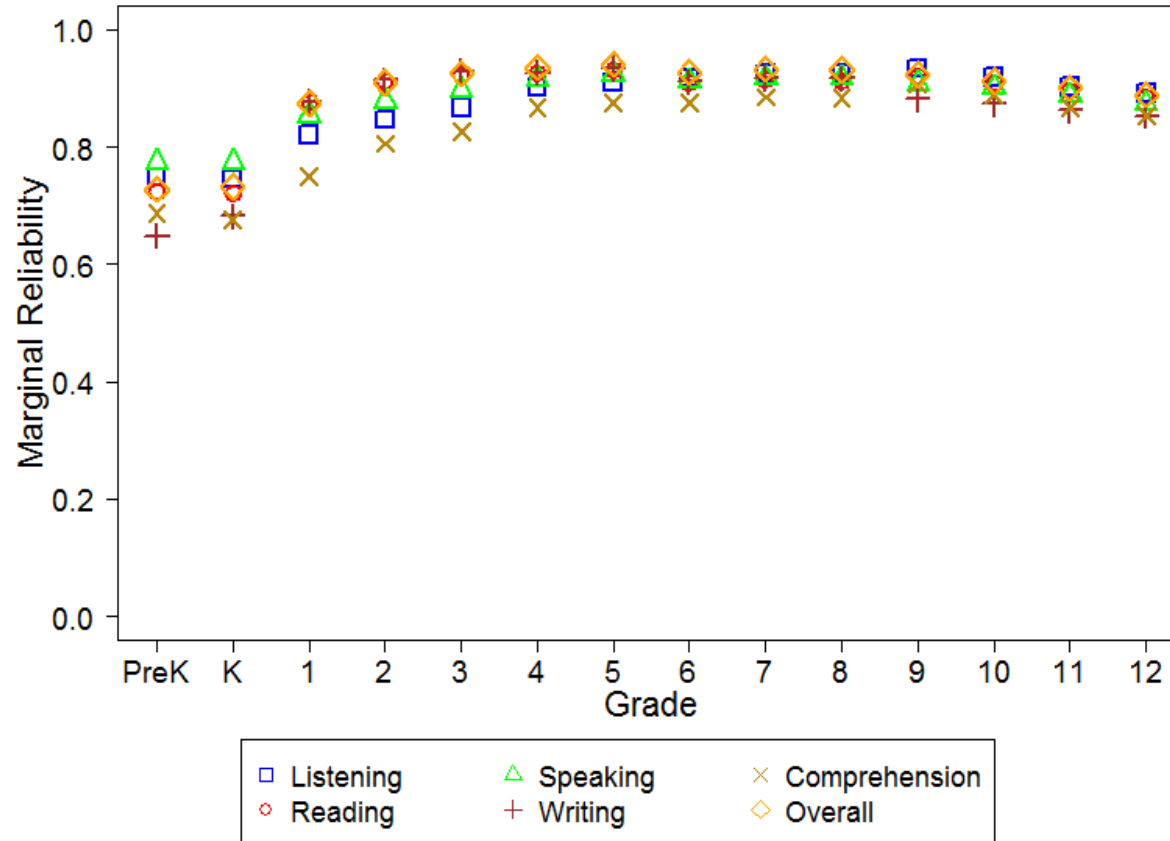
* Domain tests with Exemption are excluded.

Figure S19.1: Screener Ratio of Marginal Standard Error of Measurement to Standard Deviation of Estimated Scale Scores by Grade and Domain



* Domain tests with Exemption are excluded.

Figure S19.2: Screener Marginal Reliability by Test

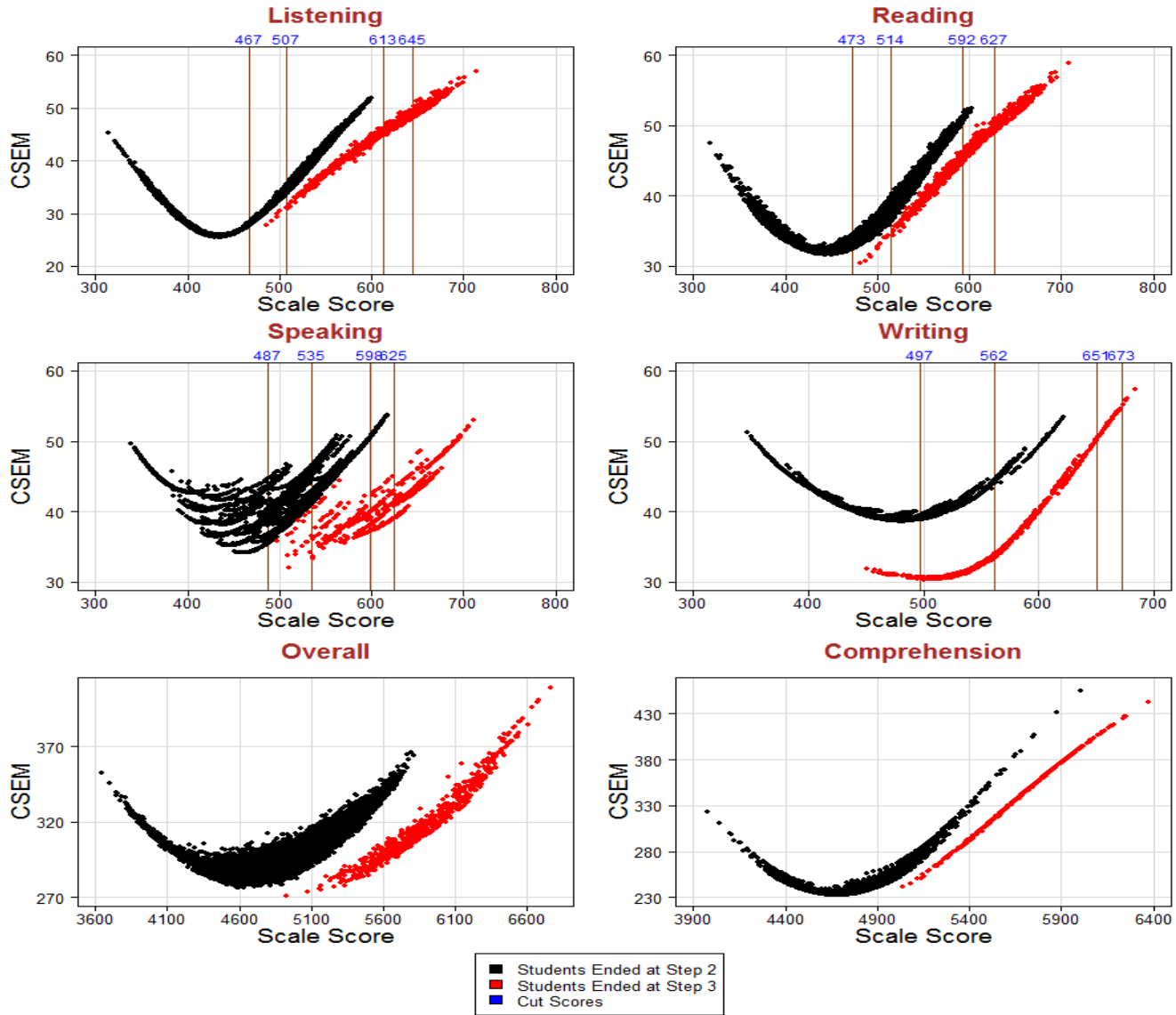


* Domain tests with Exemption are excluded.

Section 20: Screener Assessment - Conditional Standard Error of Measurement (CSEM)

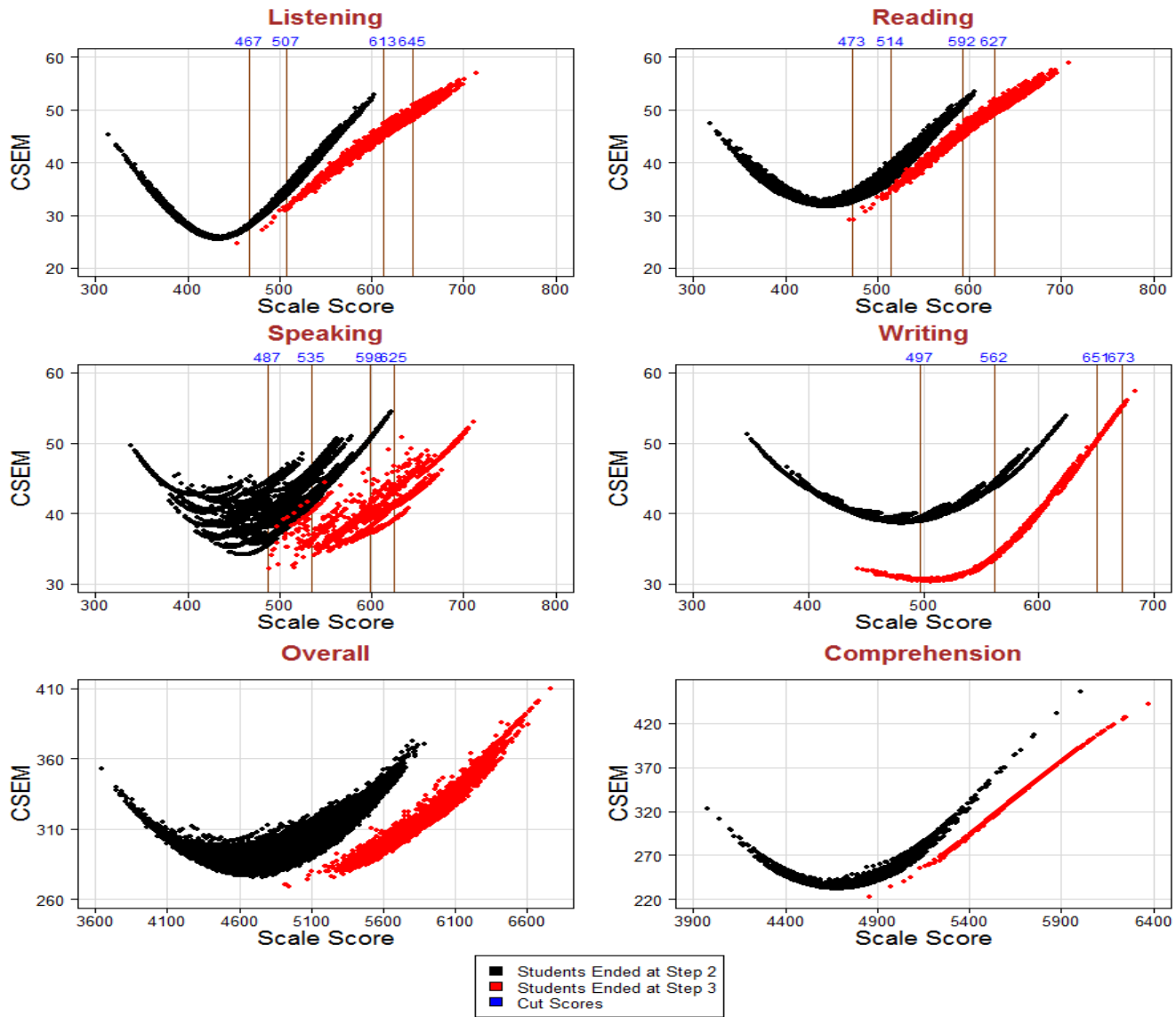
* Domain tests with Exemption are excluded.

Figure S20.1: Screener Conditional Standard Error of Measurement for Pre-Kindergarten



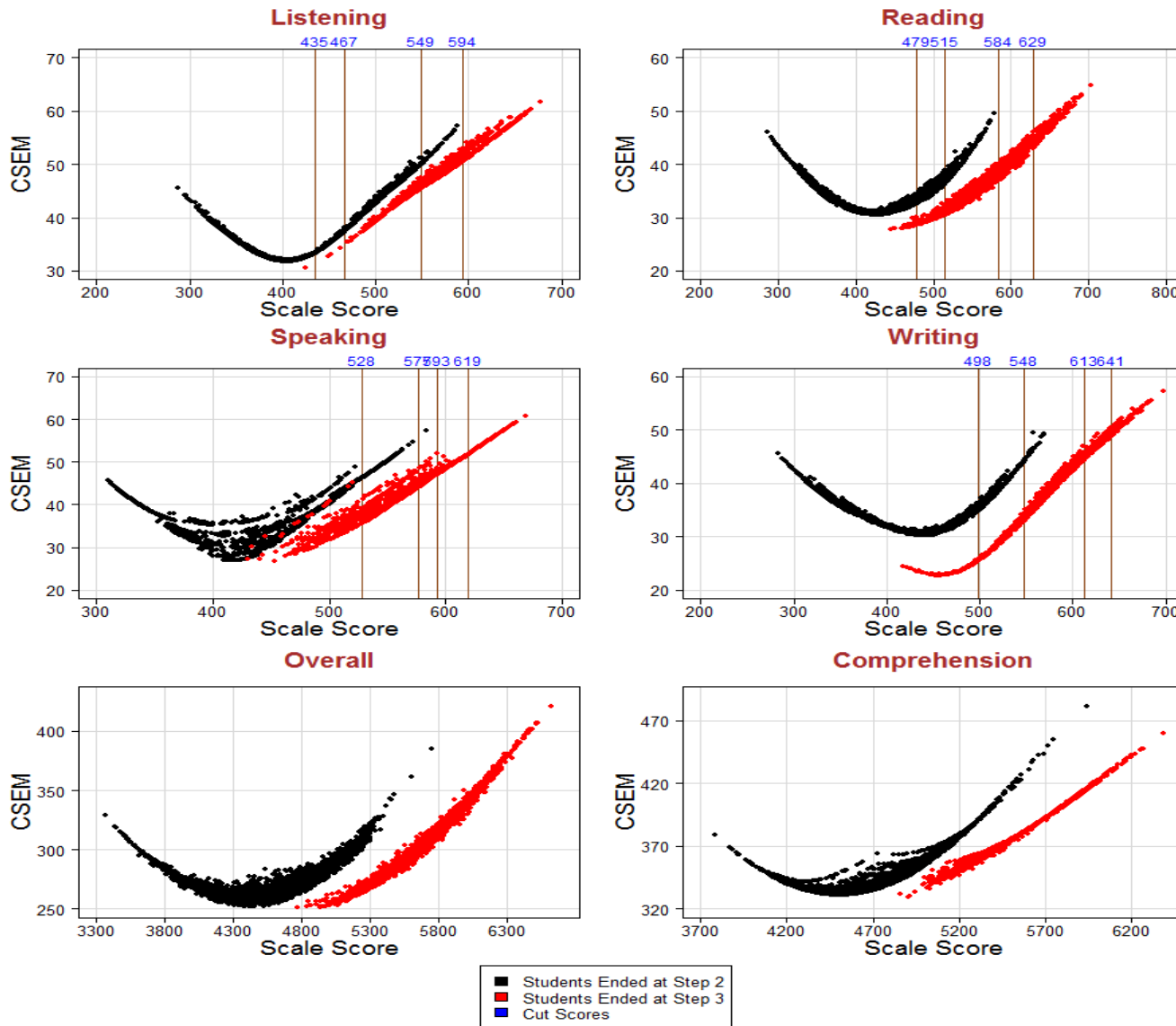
* Domain tests with Exemption are excluded.

Figure S20.2: Screener Conditional Standard Error of Measurement for Kindergarten



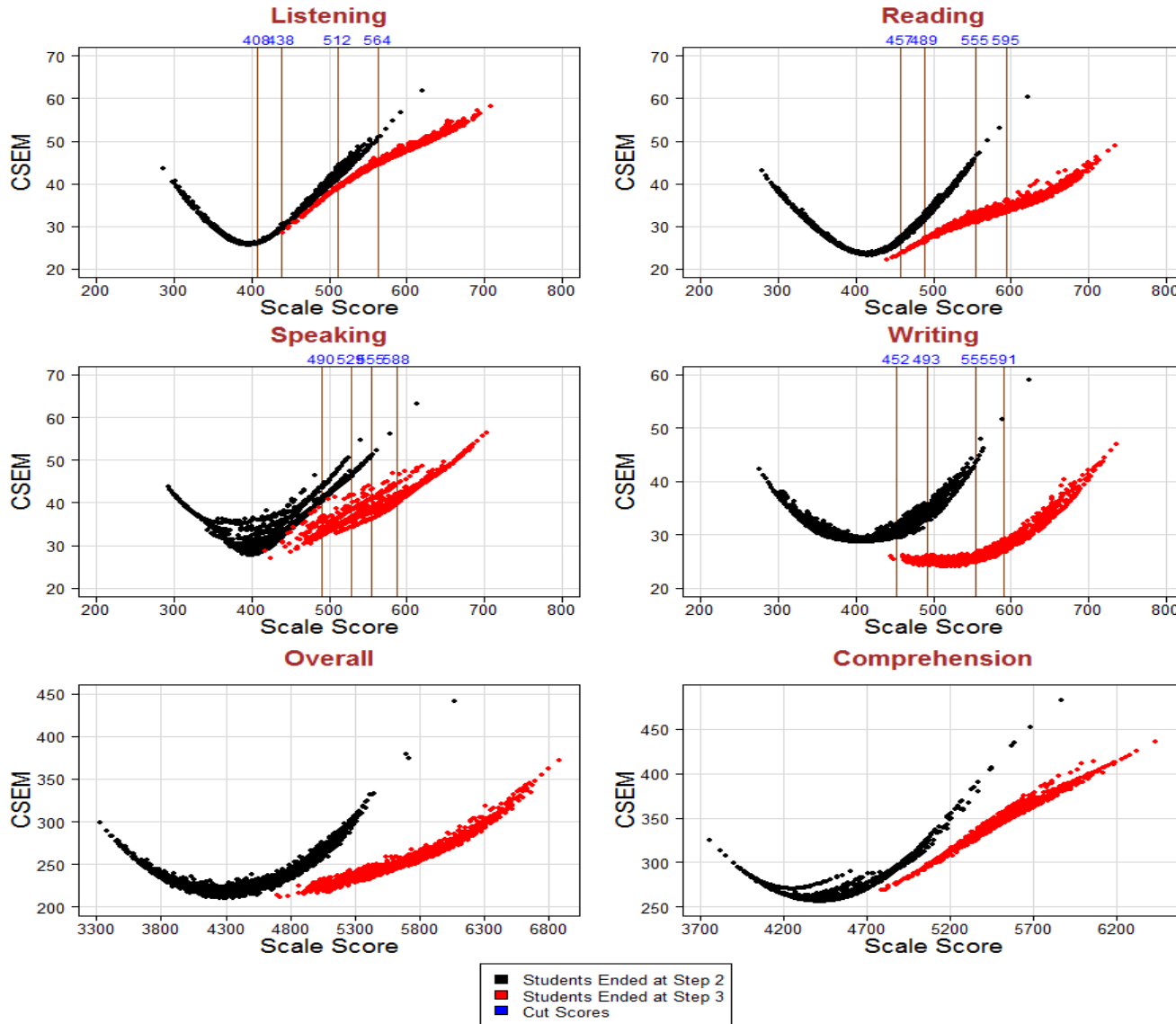
* Domain tests with Exemption are excluded.

Figure S20.3: Screener Conditional Standard Error of Measurement for Grade 1



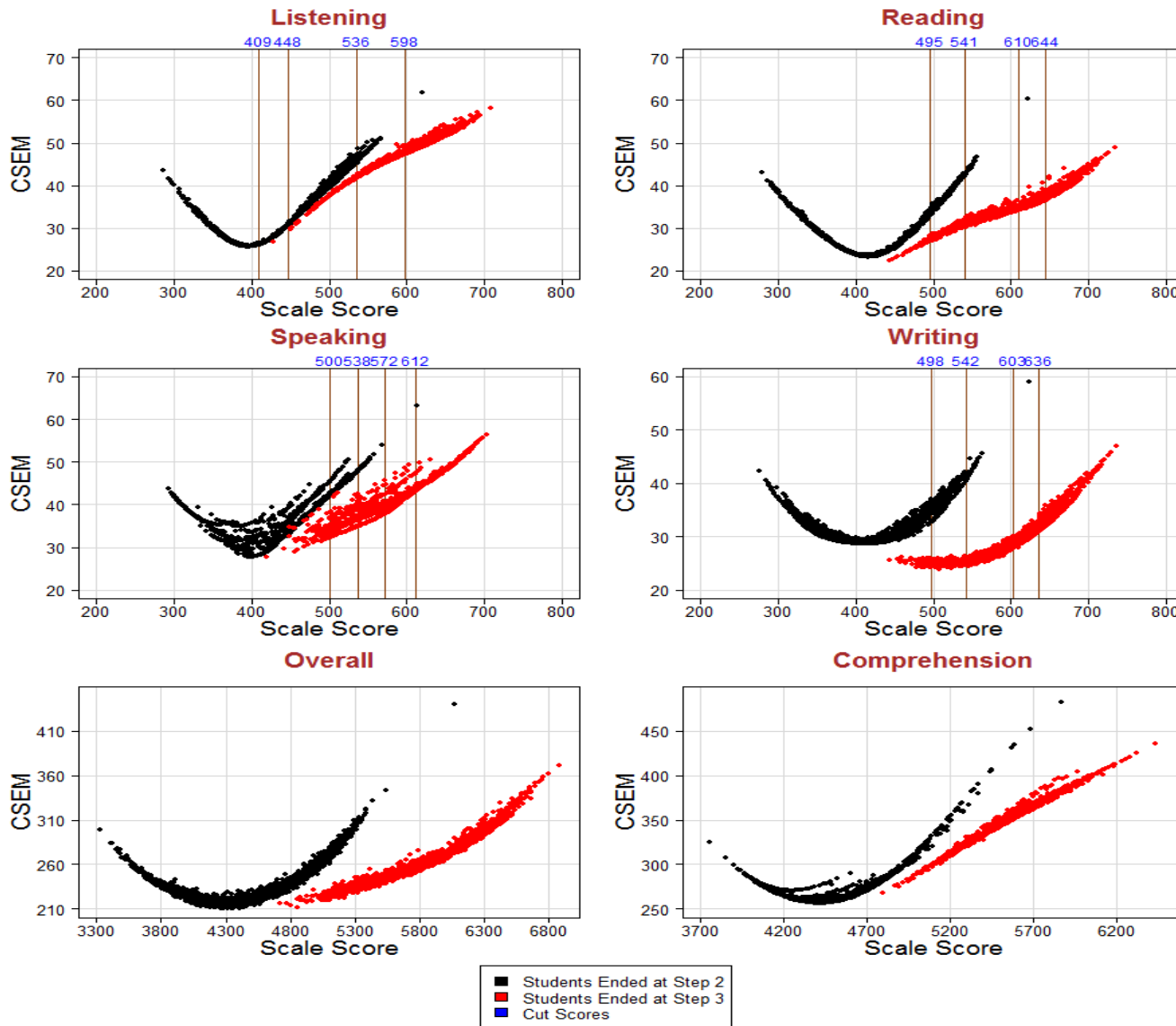
* Domain tests with Exemption are excluded.

Figure S20.4: Screener Conditional Standard Error of Measurement for Grade 2



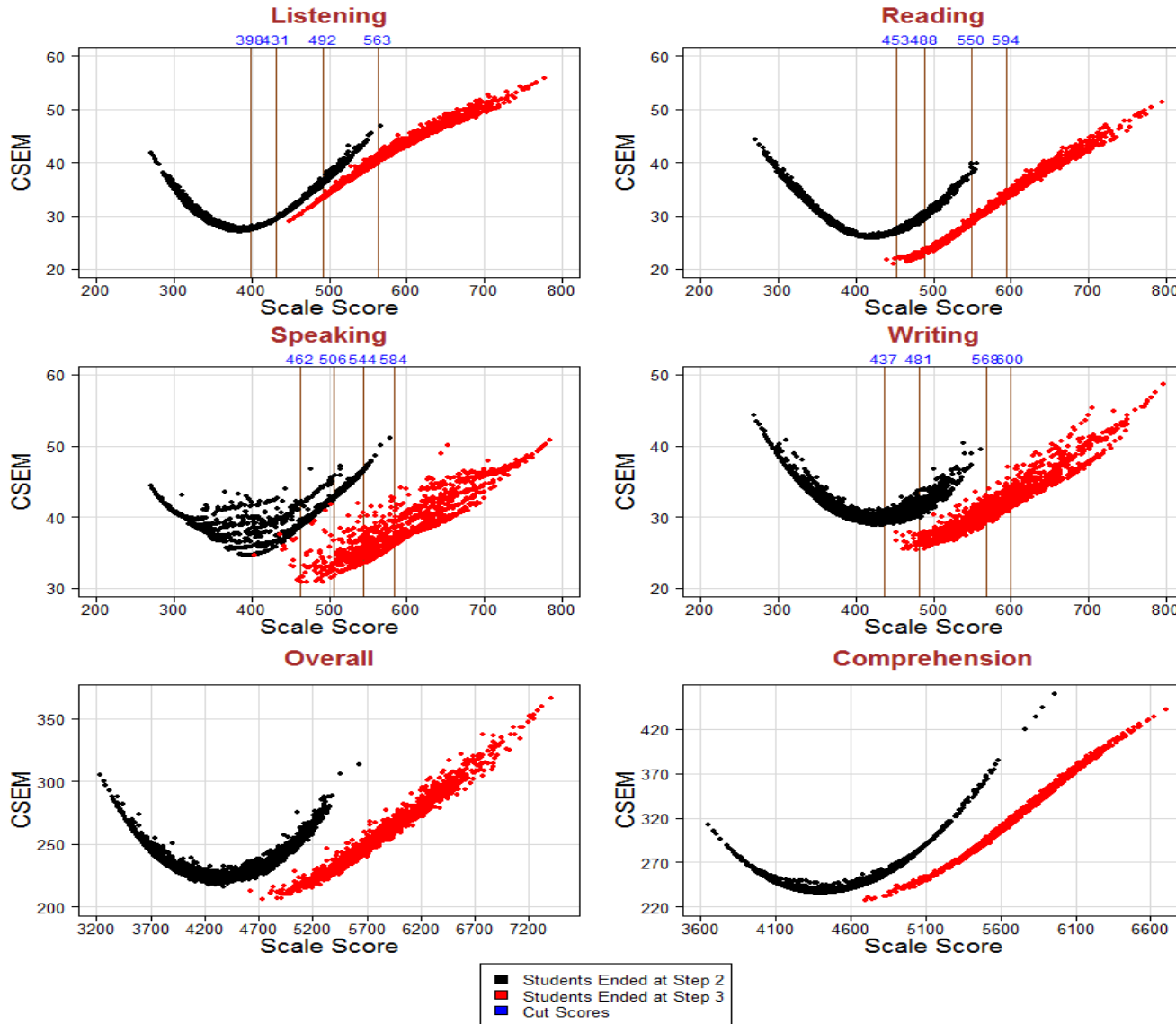
* Domain tests with Exemption are excluded.

Figure S20.5: Screener Conditional Standard Error of Measurement for Grade 3



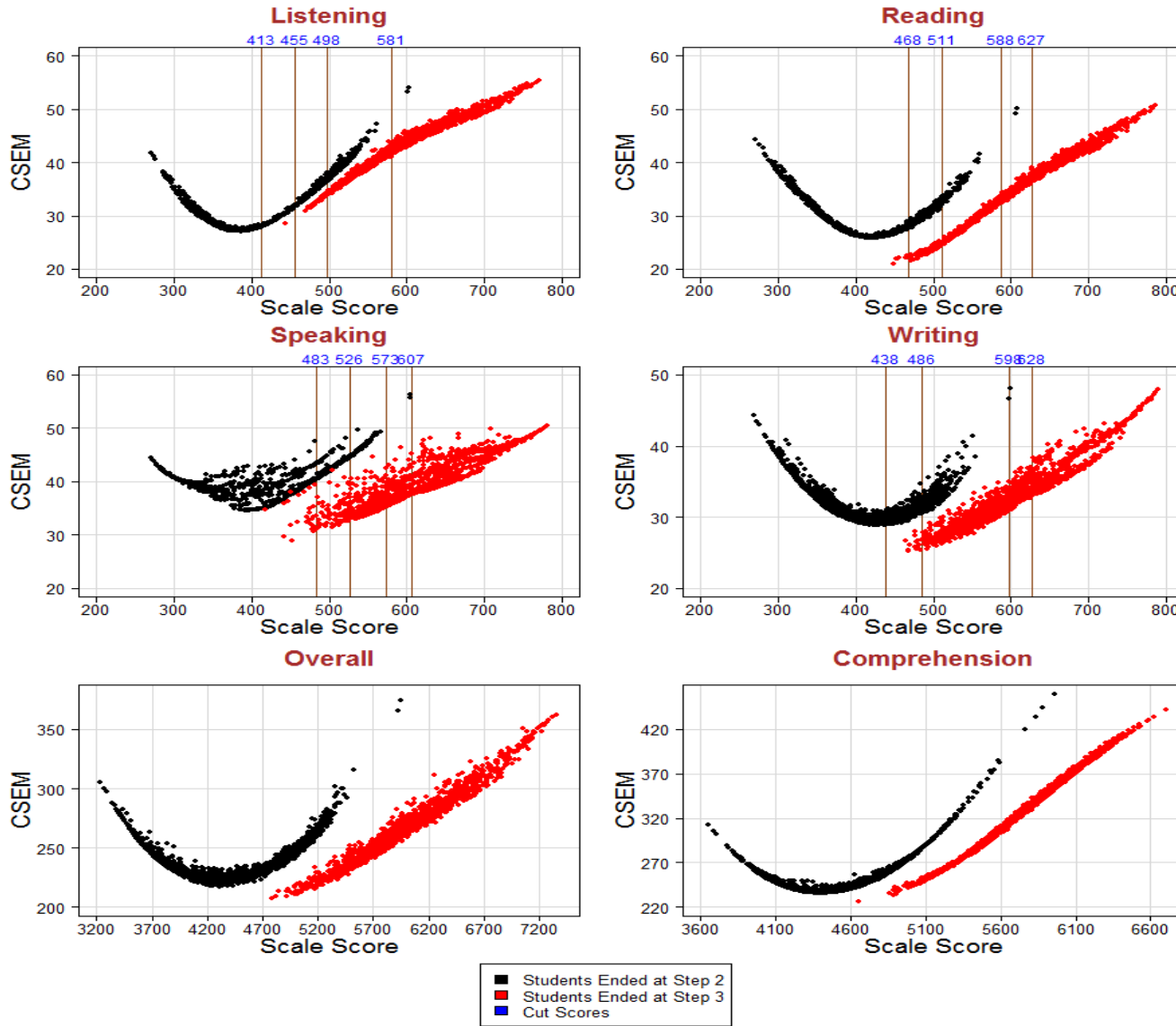
* Domain tests with Exemption are excluded.

Figure S20.6: Screener Conditional Standard Error of Measurement for Grade 4



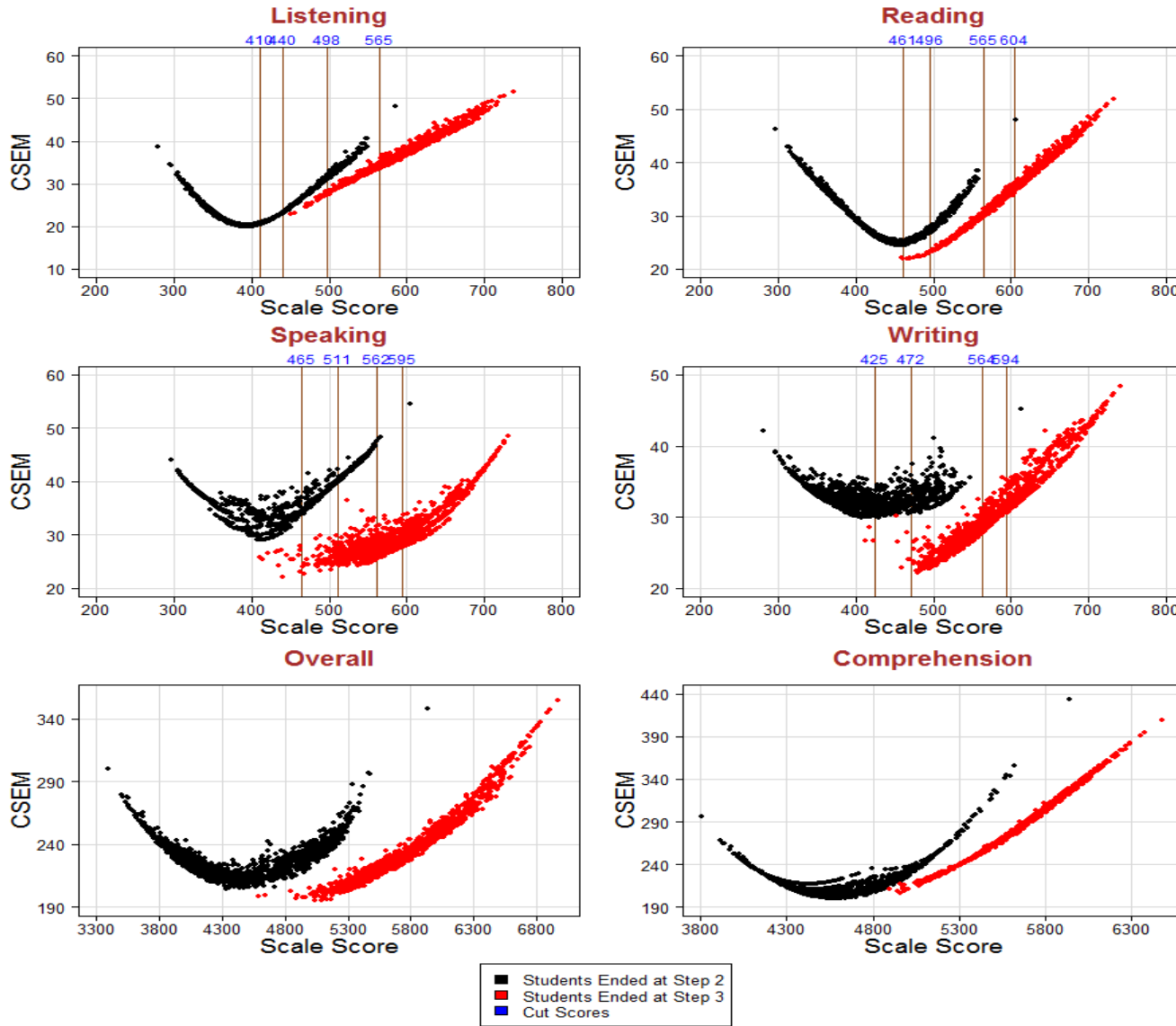
* Domain tests with Exemption are excluded.

Figure S20.7: Screener Conditional Standard Error of Measurement for Grade 5



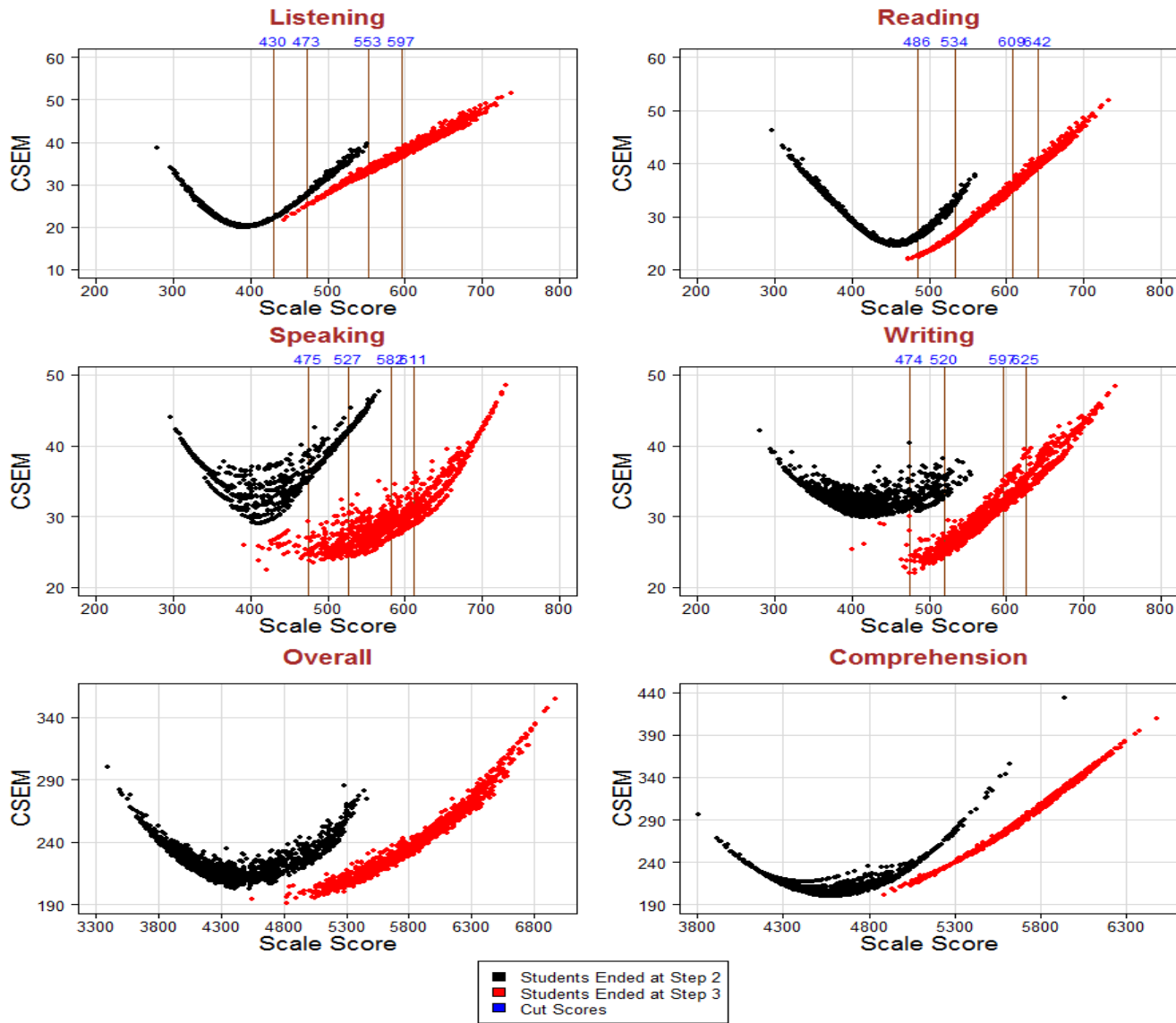
* Domain tests with Exemption are excluded.

Figure S20.8: Screener Conditional Standard Error of Measurement for Grade 6



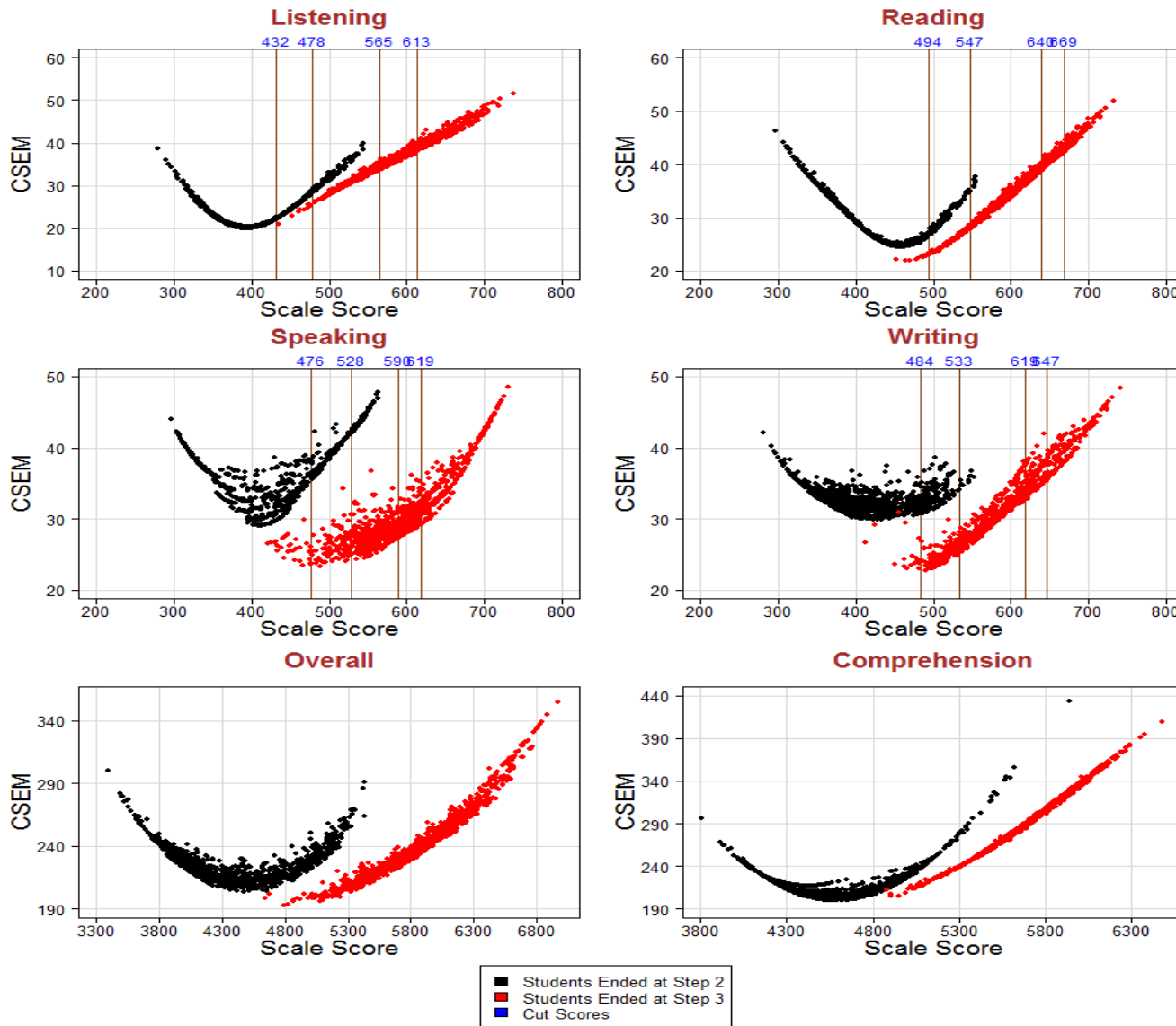
* Domain tests with Exemption are excluded.

Figure S20.9: Screener Conditional Standard Error of Measurement for Grade 7



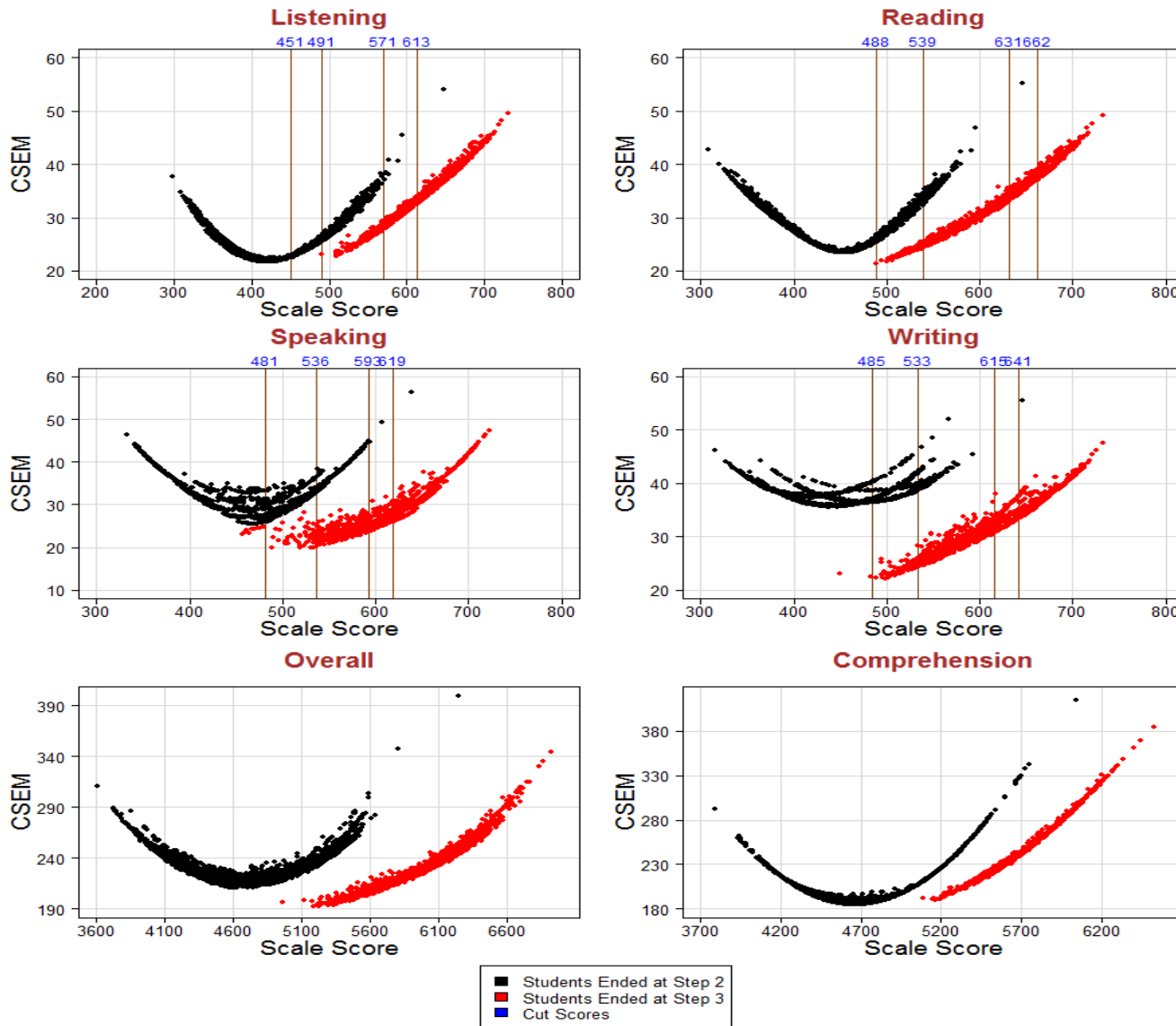
* Domain tests with Exemption are excluded.

Figure S20.10: Screener Conditional Standard Error of Measurement for Grade 8



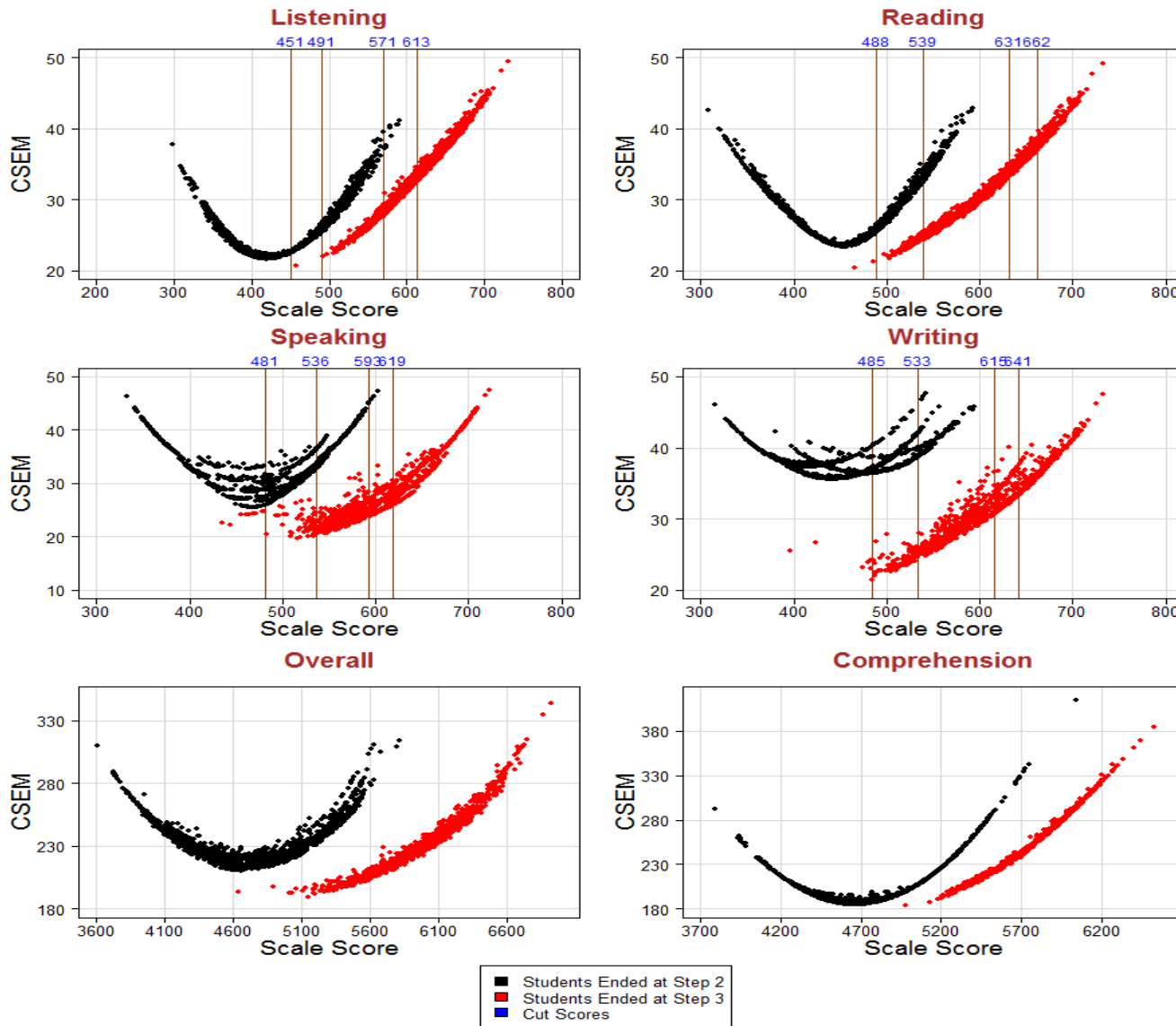
* Domain tests with Exemption are excluded.

Figure S20.11: Screener Conditional Standard Error of Measurement for Grade 9



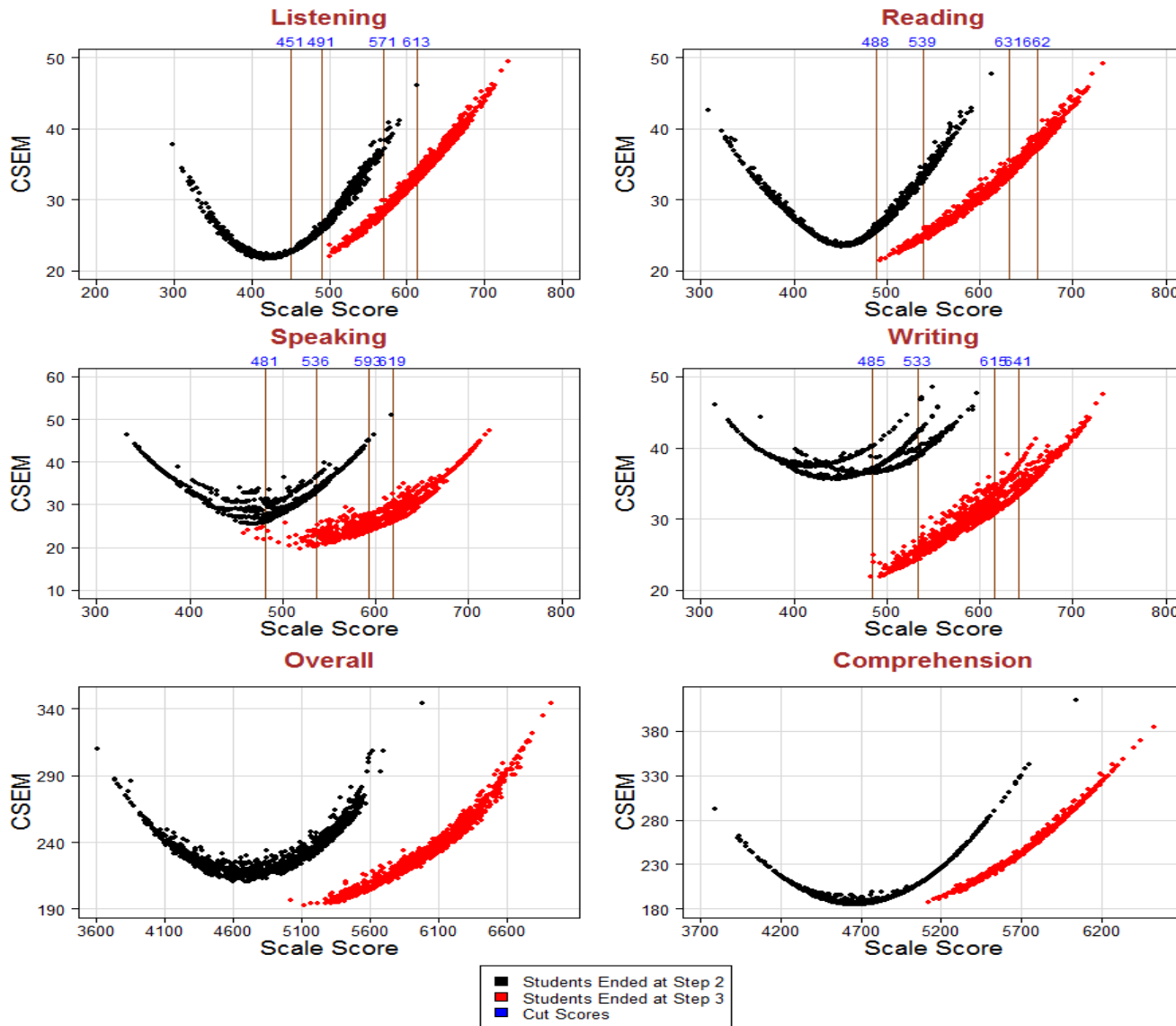
* Domain tests with Exemption are excluded.

Figure S20.12: Screener Conditional Standard Error of Measurement for Grade 10



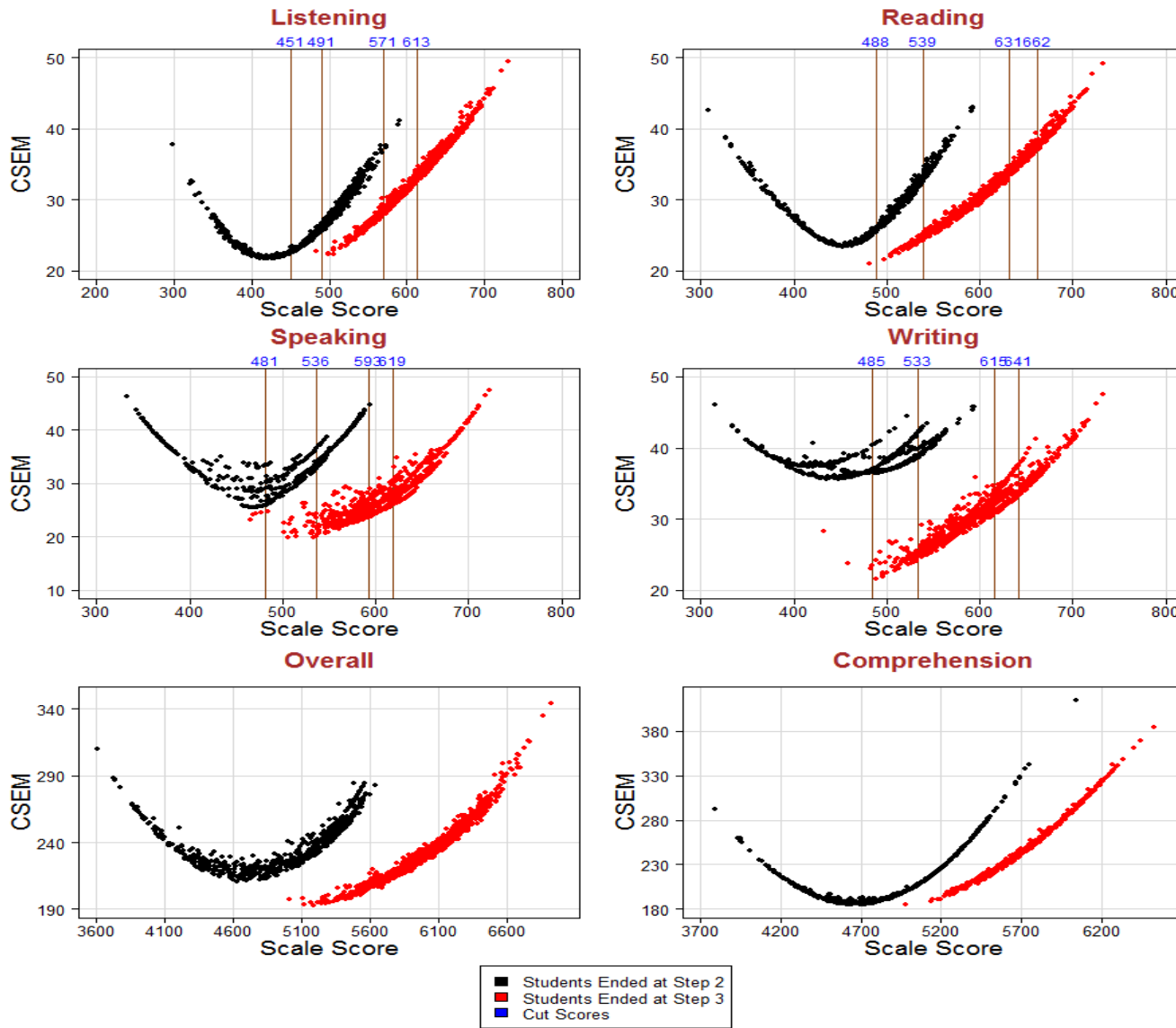
* Domain tests with Exemption are excluded.

Figure S20.13: Screener Conditional Standard Error of Measurement for Grade 11



* Domain tests with Exemption are excluded.

Figure S20.14: Screener Conditional Standard Error of Measurement for Grade 12

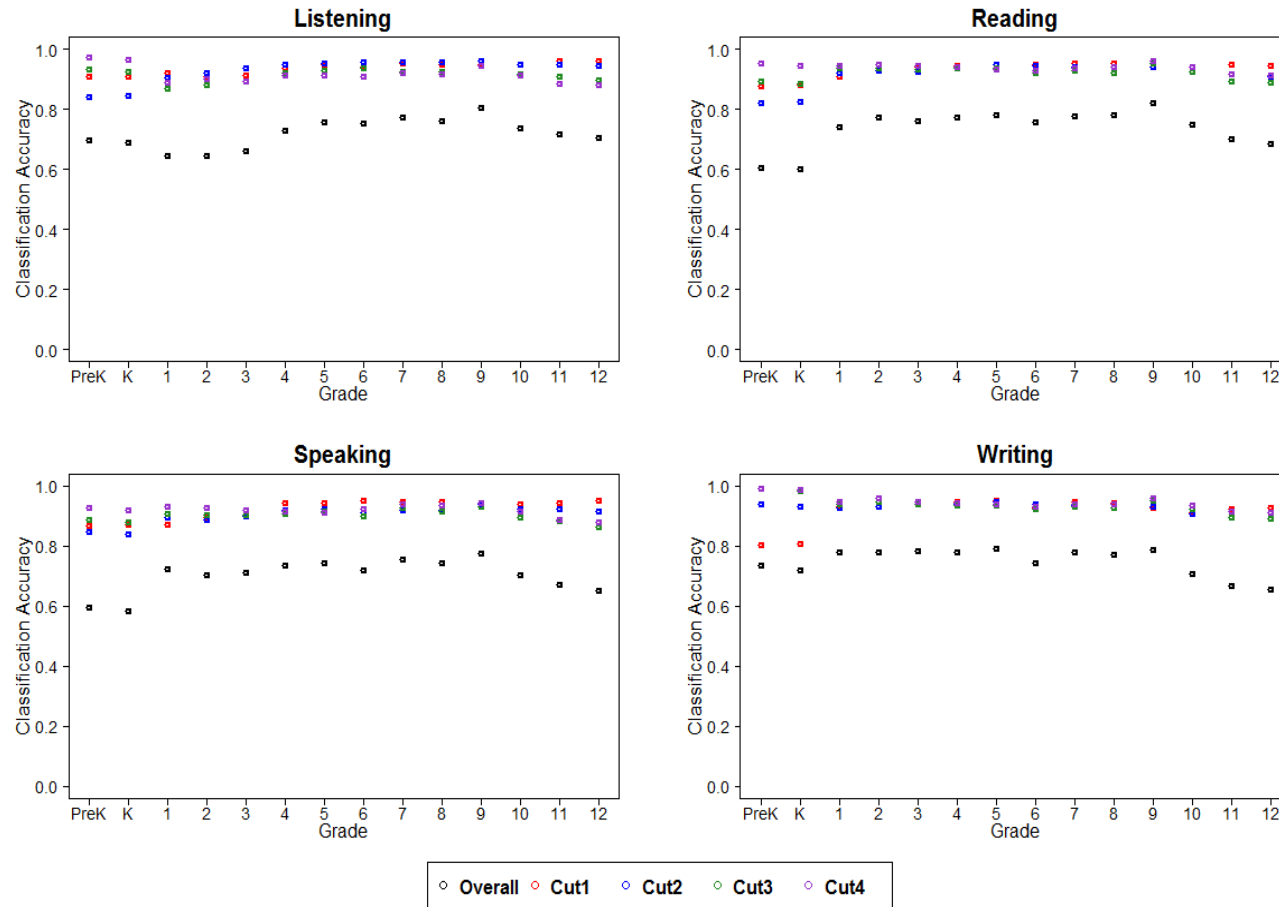


* Domain tests with Exemption are excluded.

Section 21: Screener Assessment - Classification Accuracy and Consistency

* Domain tests with Exemption are excluded.

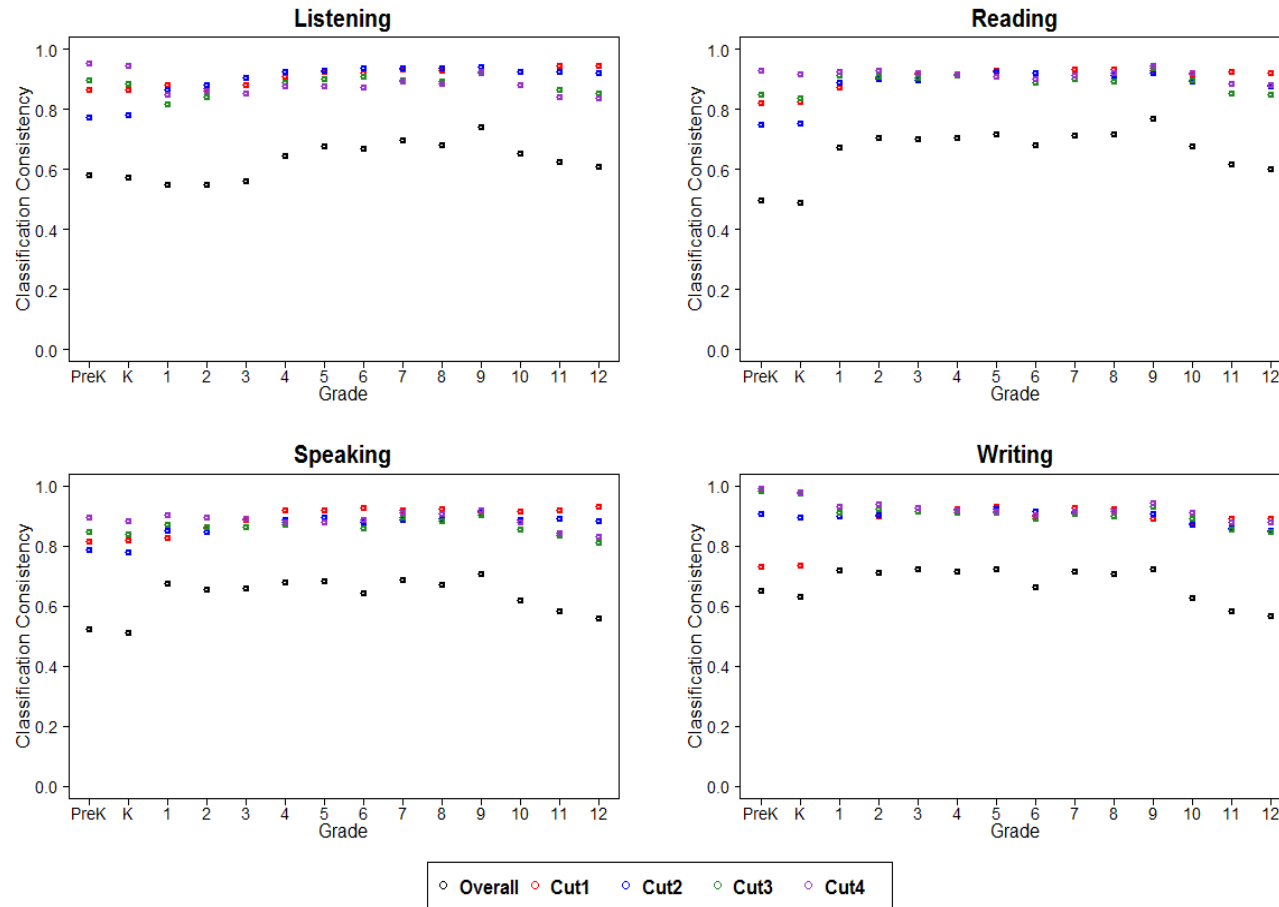
Figure S21.1: Screener Domain Level Classification Accuracy



* Domain tests with Exemption are excluded.

* Cuts 1 to 4 fall between performance levels 1 and 2, 2 and 3, 3 and 4, 4 and 5, respectively. Overall refers to classification with levels 1-5.

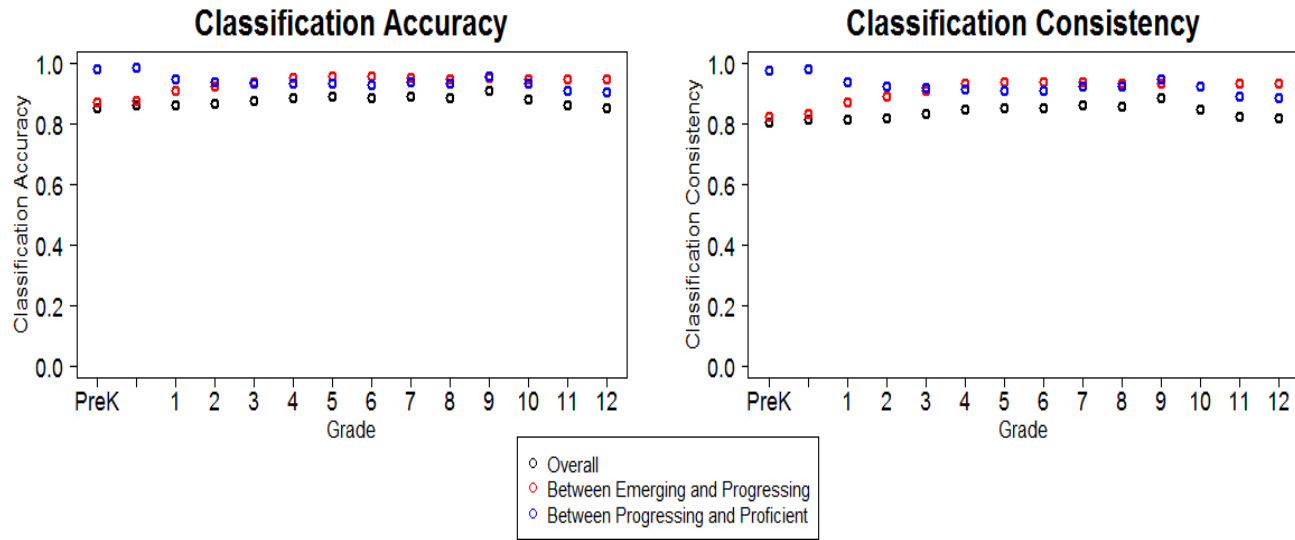
Figure S21.2: Screener Domain Level Classification Consistency



* Domain tests with Exemption are excluded.

* Cuts 1 to 4 fall between performance levels 1 and 2, 2 and 3, 3 and 4, 4 and 5, respectively. Overall refers to classification with levels 1-5.

Figure S21.3: Screener Overall Proficiency Classification



Section 22: Screener Assessment - Inter-Rater Analysis

Table S22.1: Screener Inter-Rater Result - Pre-Kindergarten

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	4386	3	759	81	10.7	.842	63	81	0	77.8	100.0	0.0
	4390	3	759	80	10.5	.897	66	80	0	82.5	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.2: Screener Inter-Rater Result - Kindergarten

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	4386	3	1,494	145	9.7	.882	117	145	0	80.7	100.0	0.0
	4390	3	1,494	147	9.8	.898	121	147	0	82.3	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.3: Screener Inter-Rater Result - Grade 1

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	694	3	1,318	132	10.0	.878	112	132	0	84.8	100.0	0.0
	666	4	1,324	132	10.0	.669	99	132	0	75.0	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.4: Screener Inter-Rater Result - Grade Band 2-3

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	1378	3	2,181	217	9.9	.846	175	217	0	80.6	100.0	0.0
	1400	3	2,183	216	9.9	.859	186	216	0	86.1	100.0	0.0
Writing	1466	4	2,075	209	10.1	.901	171	209	0	81.8	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.5: Screener Inter-Rater Result - Grade Band 4-5

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	2108	3	2,087	210	10.1	.796	174	210	0	82.9	100.0	0.0
	2078	5	2,080	208	10.0	.929	178	208	0	85.6	100.0	0.0
	2080	5	2,080	209	10.0	.871	158	209	0	75.6	100.0	0.0
Writing	2310	5	2,083	212	10.2	.842	159	212	0	75.0	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.6: Screener Inter-Rater Result - Grade Band 6-8

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	2694	3	2,674	264	9.9	.768	200	264	0	75.8	100.0	0.0
	2696	3	2,658	264	9.9	.836	203	264	0	76.9	100.0	0.0
	2698	3	2,659	265	10.0	.851	229	265	0	86.4	100.0	0.0
	2662	5	2,670	266	10.0	.944	215	266	0	80.8	100.0	0.0
	2664	5	2,648	263	9.9	.932	207	263	0	78.7	100.0	0.0
Writing	2800	3	2,696	274	10.2	.643	233	274	0	85.0	100.0	0.0
	2802	3	2,695	274	10.2	.596	238	274	0	86.9	100.0	0.0
	2804	3	2,690	273	10.1	.671	235	273	0	86.1	100.0	0.0
	2794	5	2,662	271	10.2	.866	205	271	0	75.6	100.0	0.0

* FR: First rater; SR: Second rater.

Table S22.7: Screener Inter-Rater Result - Grade Band 9-12

Domain	Item ID	Score Points	Number FR	Number SR	Percent SR	Weighted Kappa	N			Percent		
							Exact Agreement	within 1 Agreement	Not within 1 Agreement	Exact Agreement	within 1 Agreement	Not within 1 Agreement
Speaking	3400	3	3,783	377	10.0	.692	326	377	0	86.5	100.0	0.0
	3402	3	3,761	374	9.9	.599	293	374	0	78.3	100.0	0.0
	3404	3	3,753	373	9.9	.711	315	373	0	84.5	100.0	0.0
	3344	5	3,762	375	10.0	.933	305	375	0	81.3	100.0	0.0
	3346	5	3,735	370	9.9	.927	306	370	0	82.7	100.0	0.0
Writing	3528	3	3,795	382	10.1	.666	344	382	0	90.1	100.0	0.0
	3530	3	3,793	382	10.1	.529	333	382	0	87.2	100.0	0.0
	3532	3	3,792	382	10.1	.627	344	382	0	90.1	100.0	0.0
	3502	5	3,764	378	10.0	.792	276	378	0	73.0	100.0	0.0

* FR: First rater; SR: Second rater.

Section 23: Correlations Between Summative and Screener Tests

Table S23.1: Pearson Correlations Between Scale Scores for the Screener and Summative Assessments

Grade/Grade Band	Listening		Reading		Speaking		Writing		Comprehension		Overall	
	N	Corr	N	Corr	N	Corr	N	Corr	N	Corr	N	Corr
K	≥27,910	.58	≥27,600	.55	≥27,080	.63	≥27,230	.42	≥28,010	.52	≥28,110	.64
1	≥3,860	.76	≥3,820	.73	≥3,740	.77	≥3,750	.74	≥3,880	.75	≥3,880	.80
2-3	≥5,190	.82	≥5,140	.82	≥5,020	.81	≥5,090	.84	≥5,200	.81	≥5,210	.86
4-5	≥3,860	.84	≥3,820	.81	≥3,750	.81	≥3,750	.86	≥3,870	.81	≥3,880	.86
6-8	≥4,890	.87	≥4,870	.83	≥4,720	.76	≥4,780	.86	≥4,930	.85	≥4,940	.87
9-12	≥6,630	.86	≥6,630	.84	≥6,480	.75	≥6,540	.85	≥6,680	.85	≥6,730	.86

* Results are based on subset of students with results for both the screener and summative assessment.

Table S23.2: Gamma Correlations Between Domain/Proficiency Classifications for the Screener and Summative Assessments

Grade/Grade Band	Listening		Reading		Speaking		Writing		Overall Proficiency	
	N	Corr	N	Corr	N	Corr	N	Corr	N	Corr
K	≥27,910	.68	≥27,600	.60	≥27,080	.60	≥27,230	.48	≥28,110	.86
1	≥3,860	.80	≥3,820	.81	≥3,740	.71	≥3,750	.81	≥ 3,880	.93
2-3	≥5,190	.85	≥5,140	.87	≥5,020	.76	≥5,090	.88	≥ 5,210	.95
4-5	≥3,860	.87	≥3,820	.88	≥3,750	.80	≥3,750	.92	≥ 3,880	.96
6-8	≥4,890	.89	≥4,870	.89	≥4,720	.79	≥4,780	.92	≥ 4,940	.98
9-12	≥6,630	.91	≥6,630	.91	≥6,480	.78	≥6,540	.92	≥ 6,730	.96

* Results are based on subset of students with results for both the screener and summative assessment..

Section 24: Student Progress from Screener to Summative

Figure S24.1: Average Domain Scale Score Progress

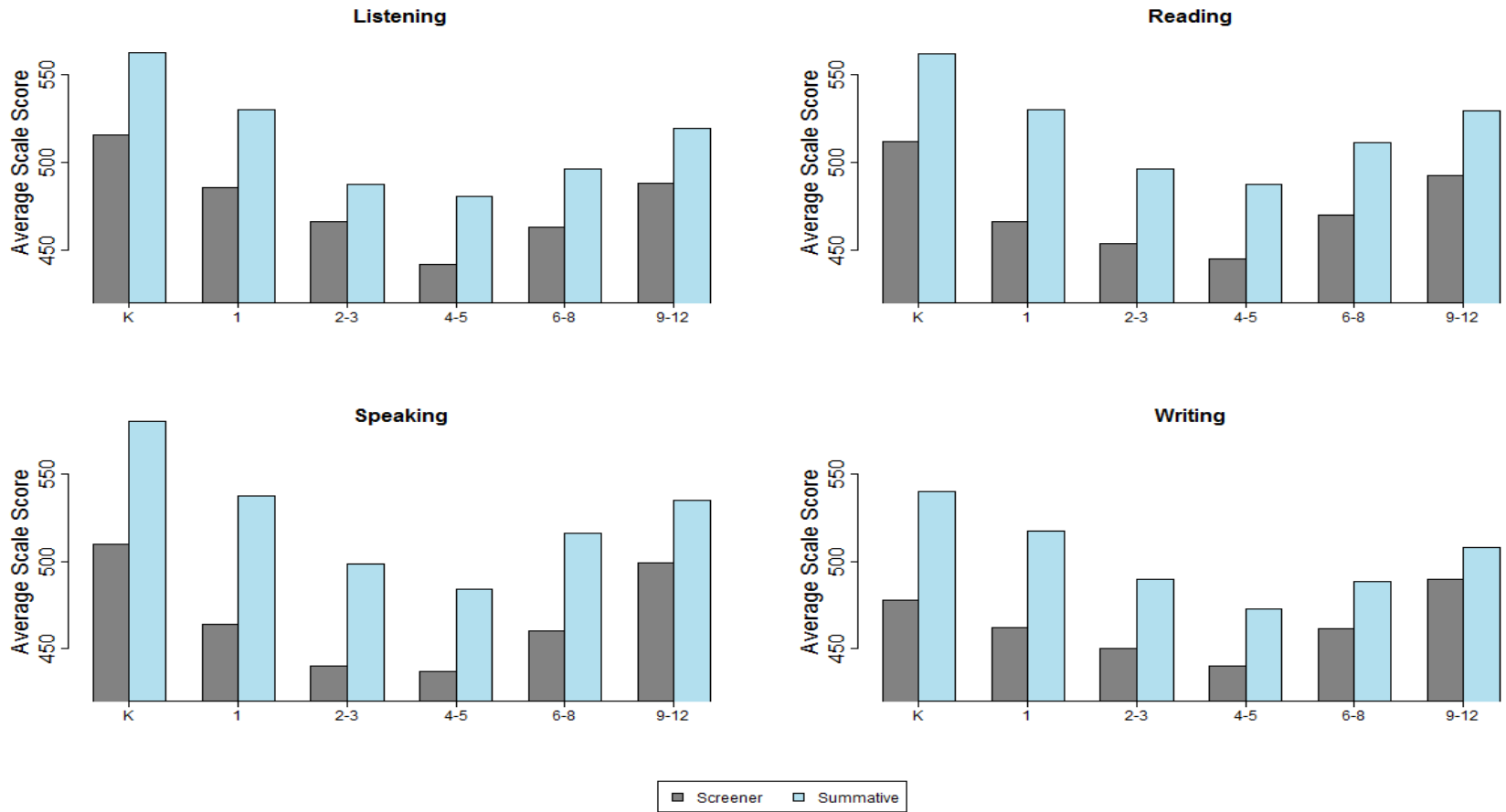


Figure S24.2: Average Overall and Comprehension Scale Score Progress

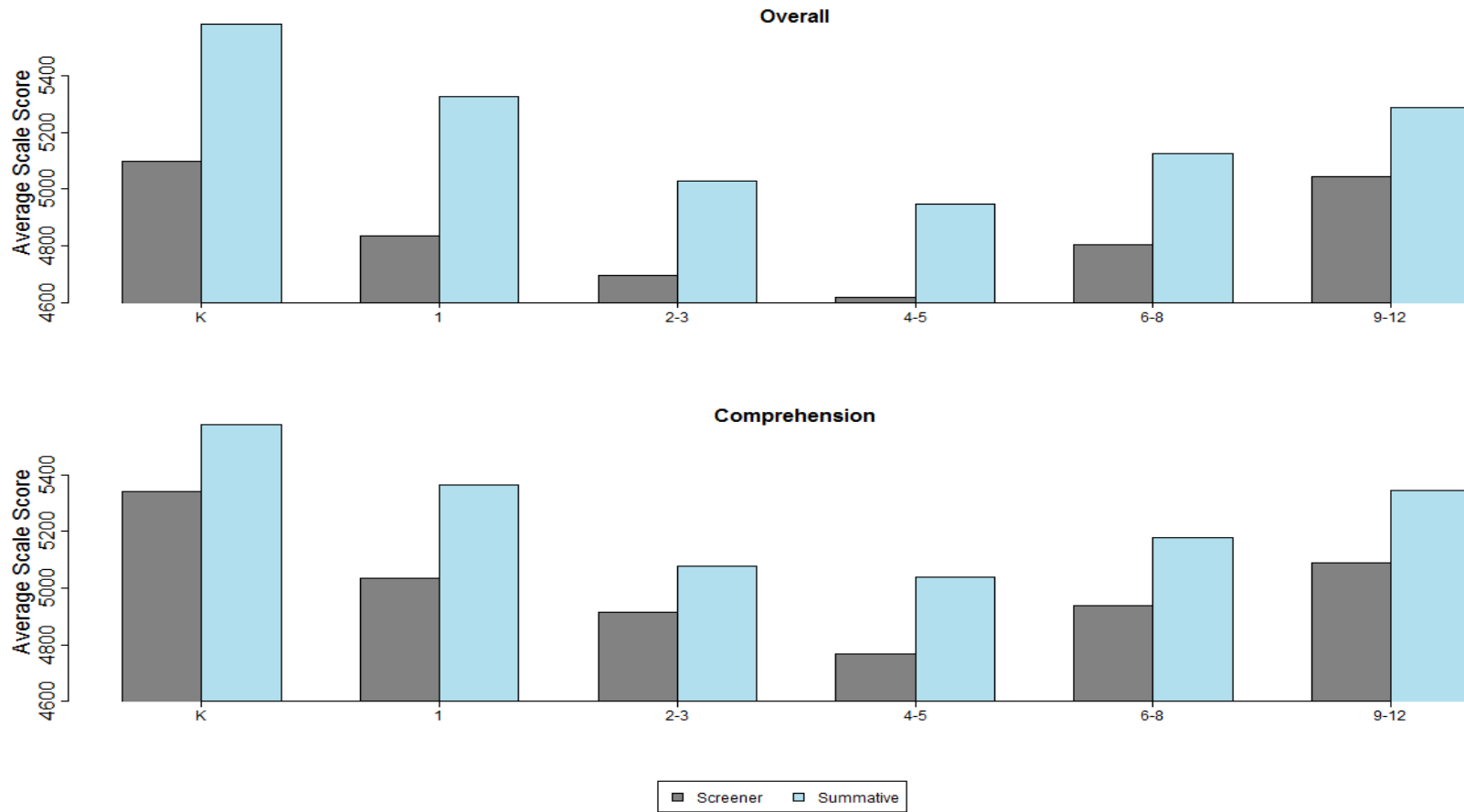


Figure S24.3: Percentages of Domain Performance Level Progress

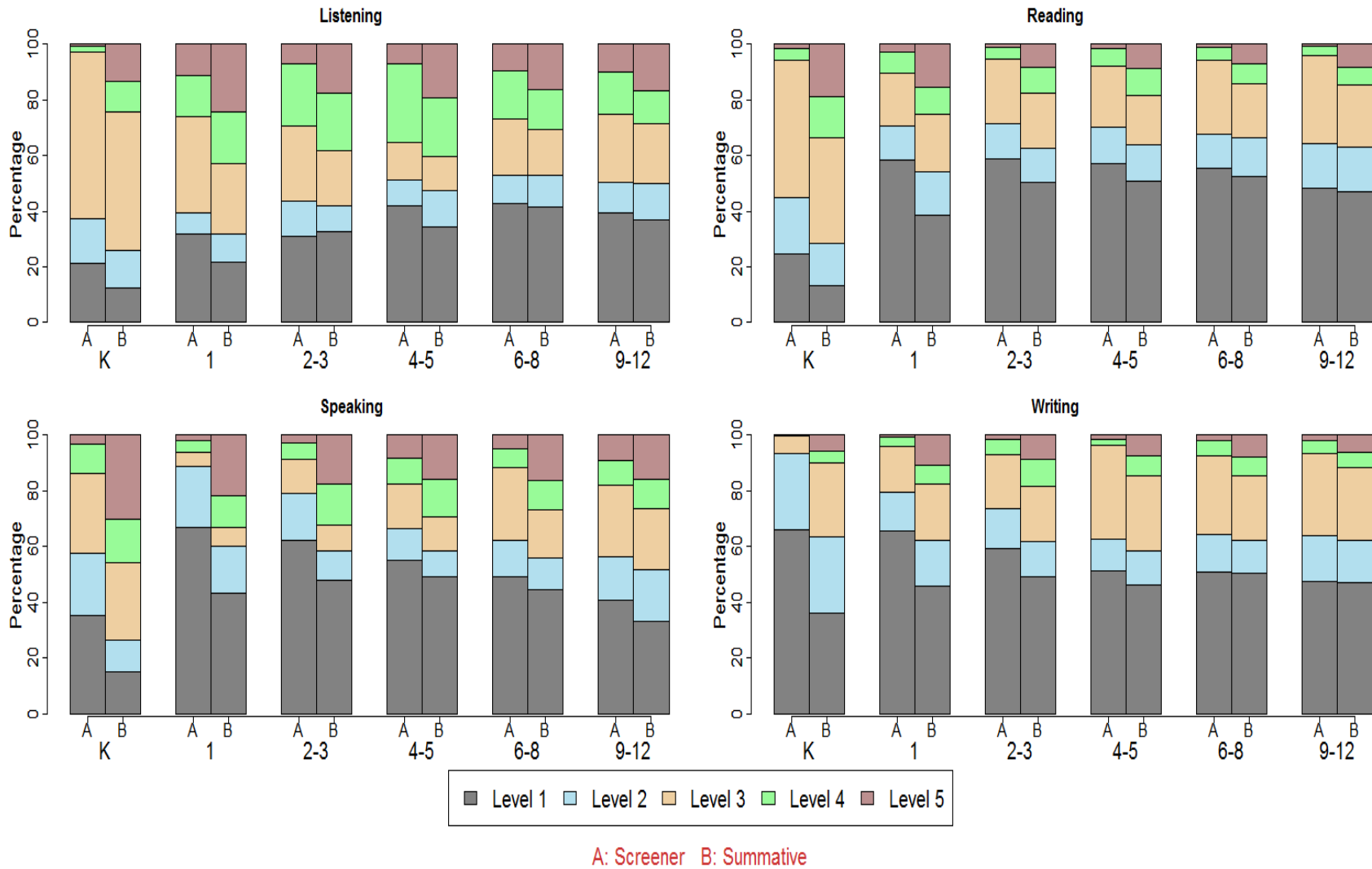


Figure S24.4: Percentages of Overall Proficiency Progress

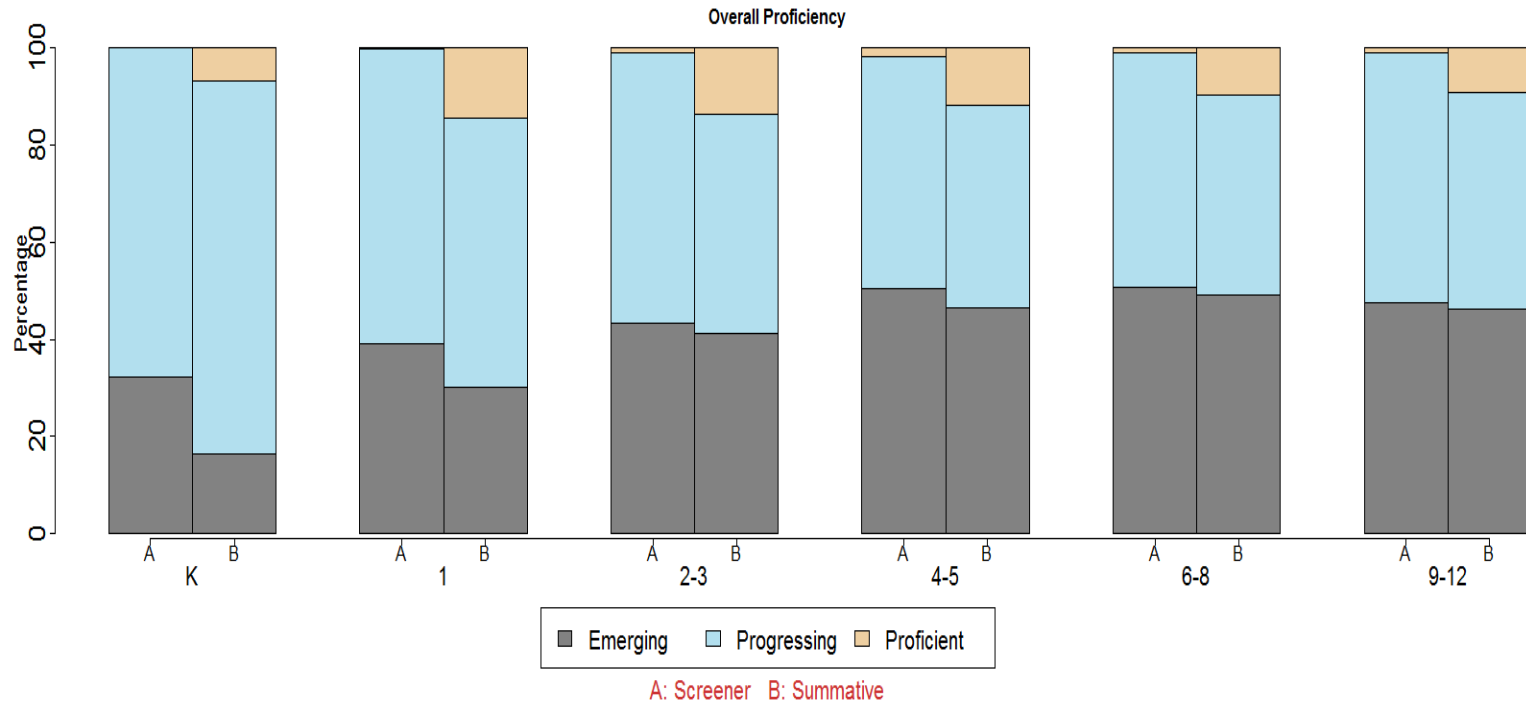
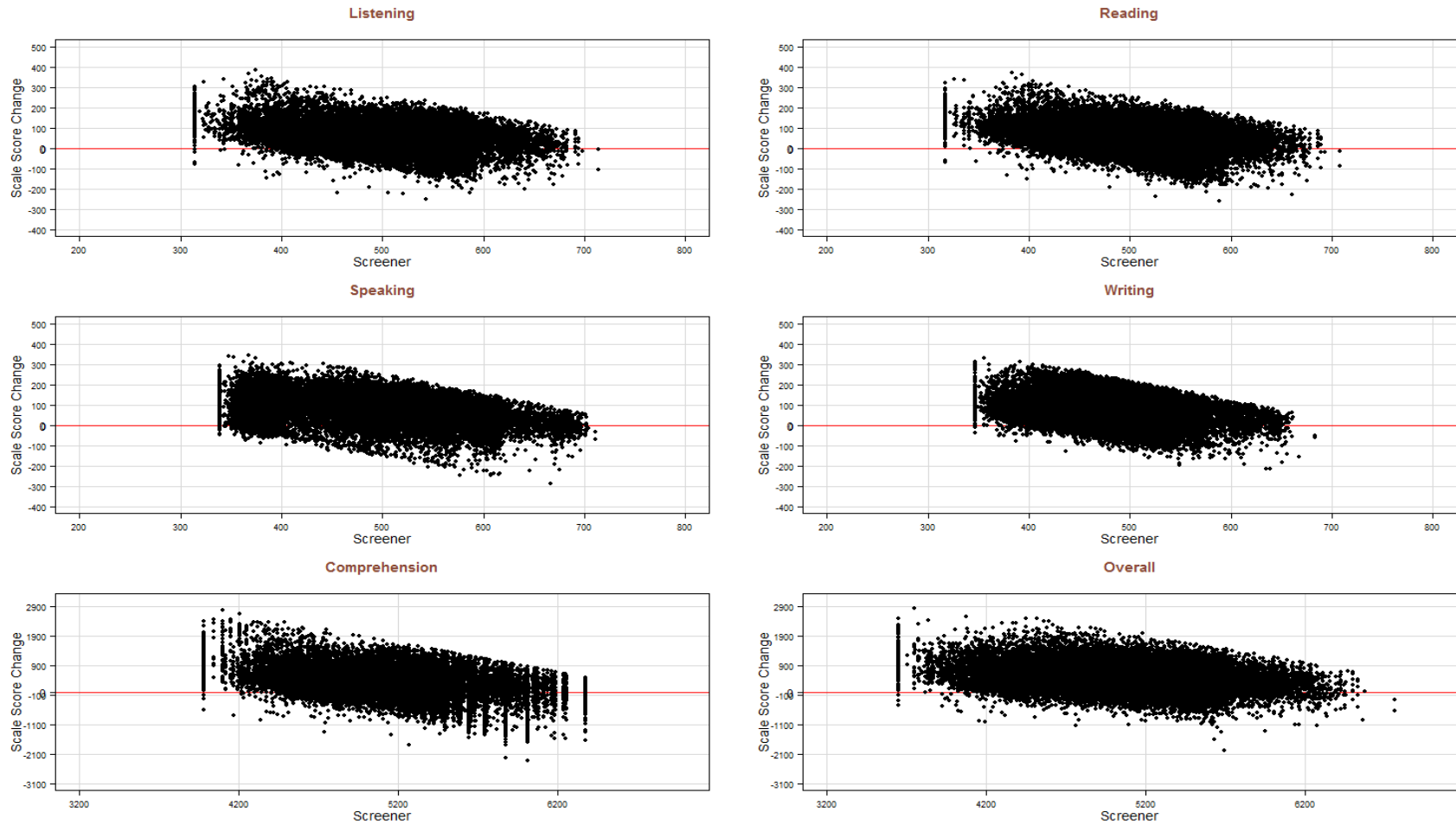
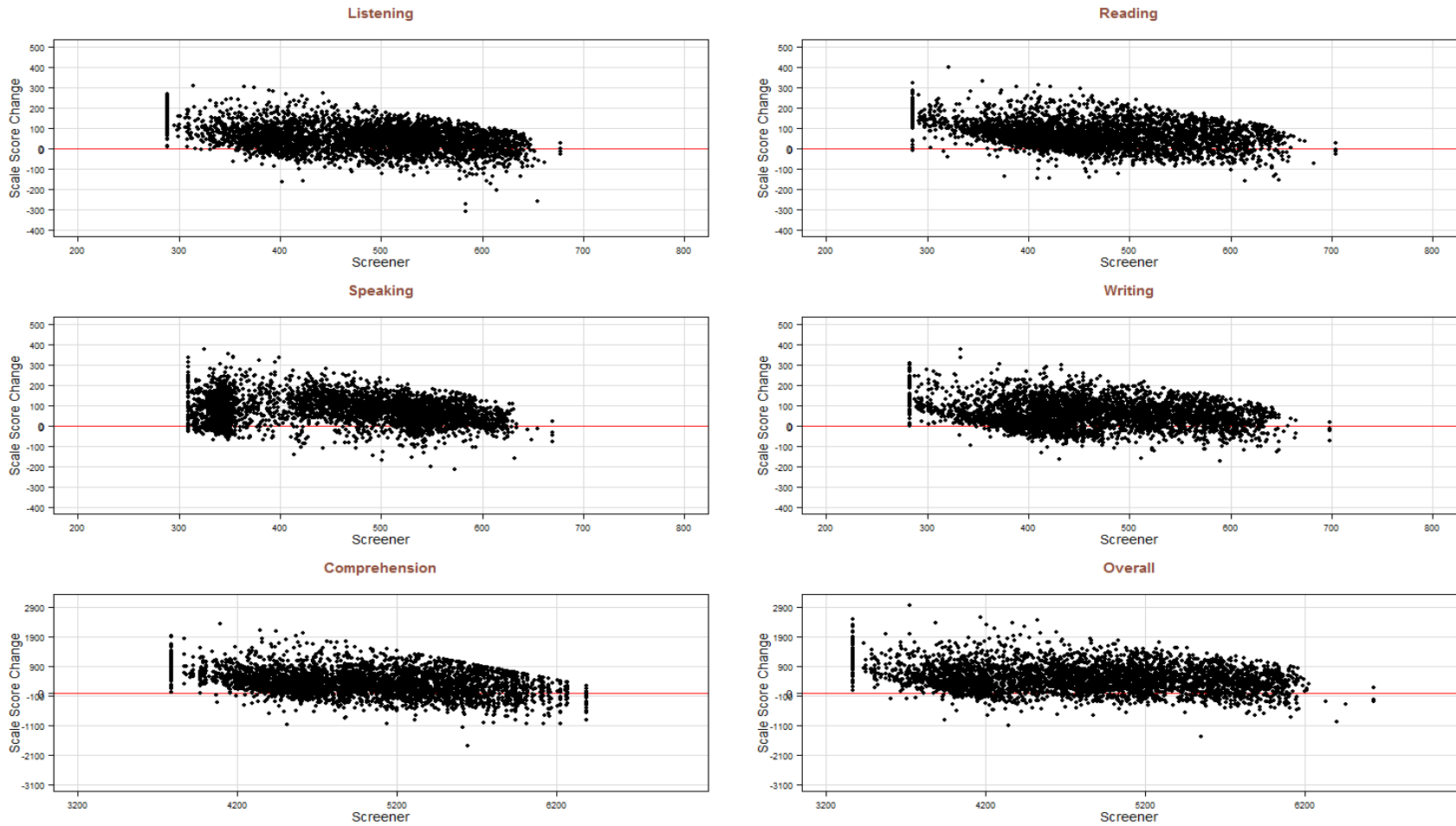


Figure S24.5: Scatter Plot of Scale Score Change from Screener to Summative for Grade K



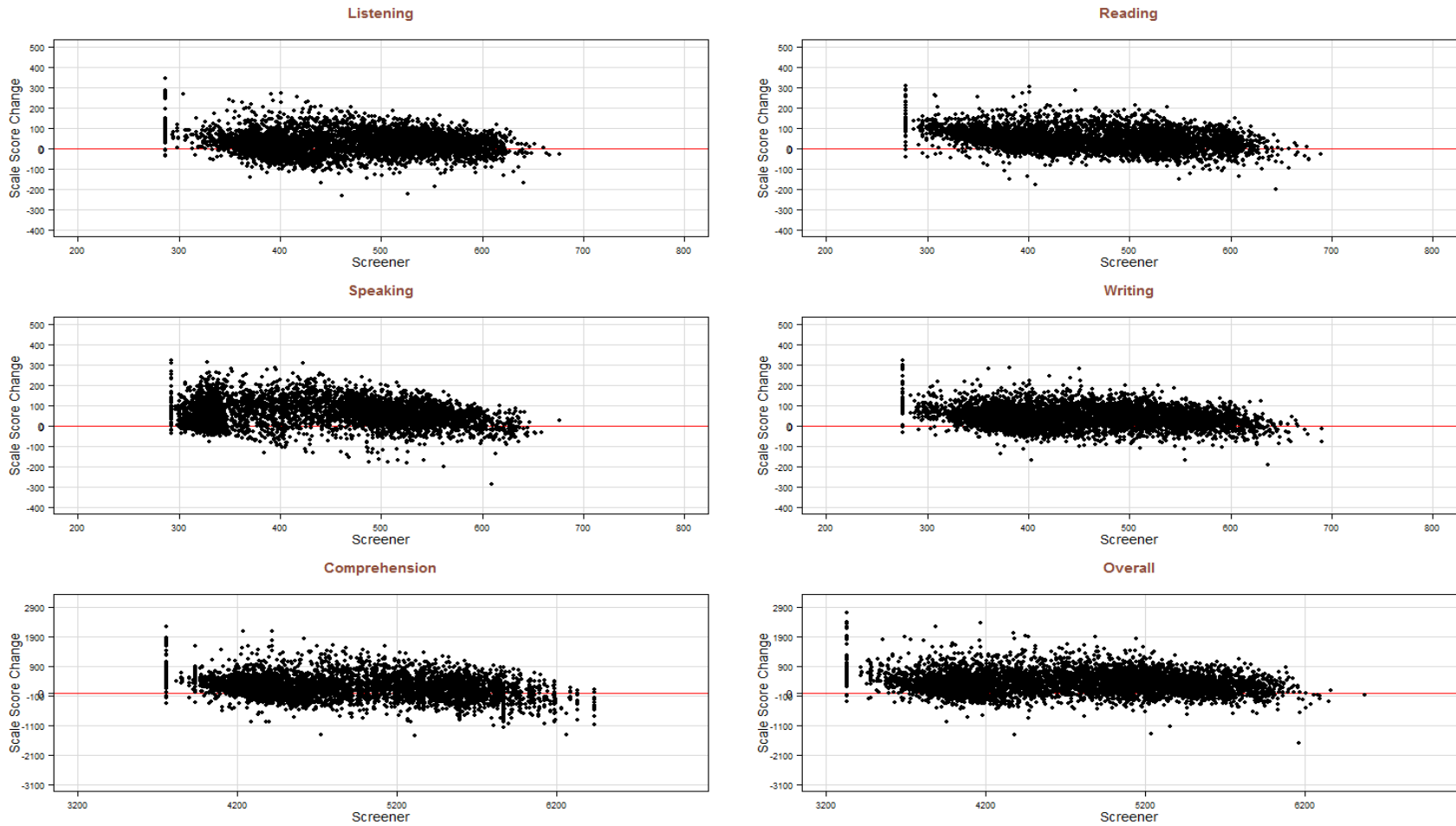
* Results are based on subset of students with results for both the screener and summative assessment.

Figure S24.6: Scatter Plot of Scale Score Change from Screener to Summative for Grade 1



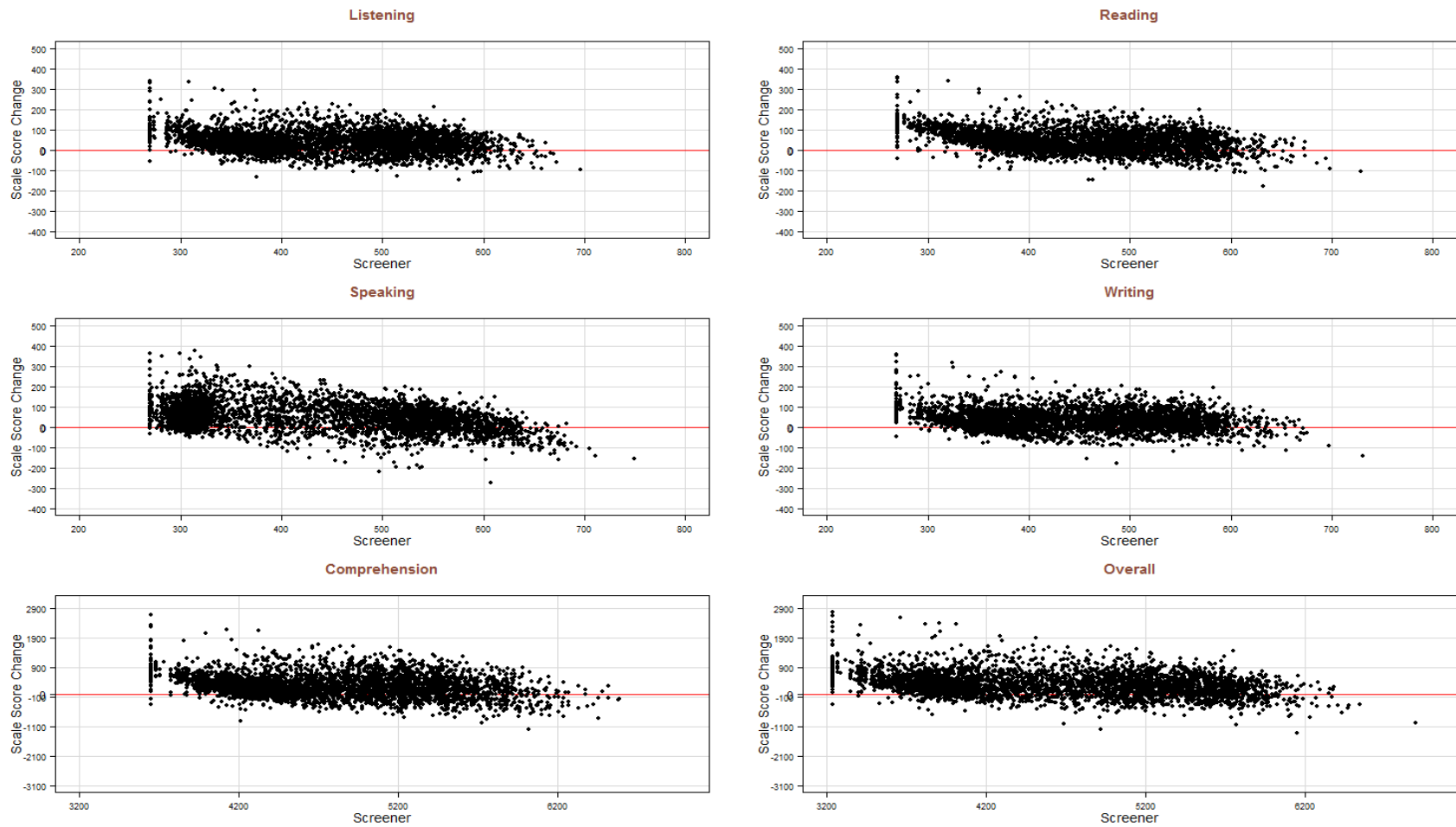
* Results are based on subset of students with results for both the screener and summative assessment.

Figure S24.7: Scatter Plot of Scale Score Change from Screener to Summative for Grade Band 2-3



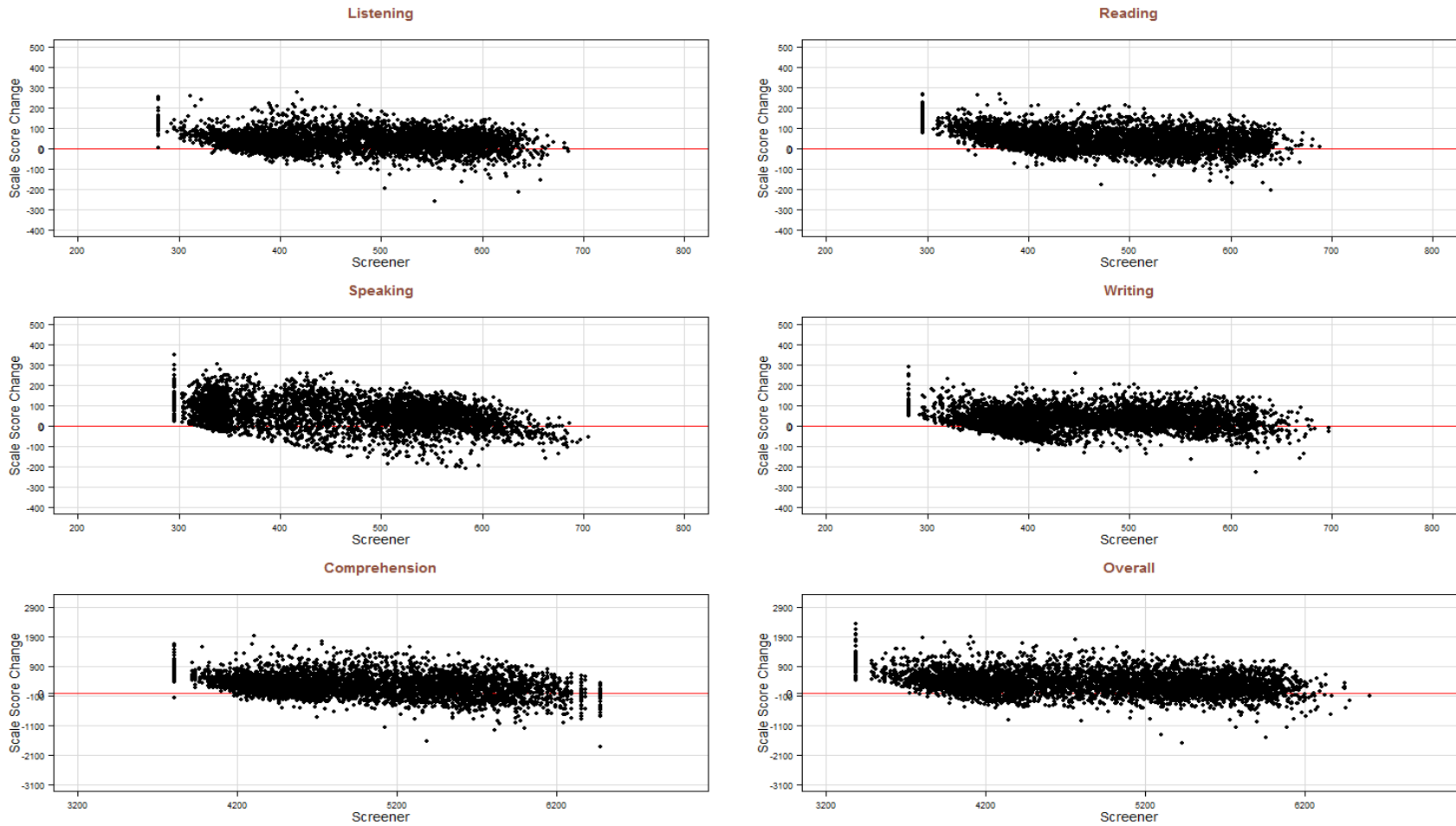
* Results are based on subset of students with results for both the screener and summative assessment.

Figure S24.8: Scatter Plot of Scale Score Change from Screener to Summative for Grade Band 4-5



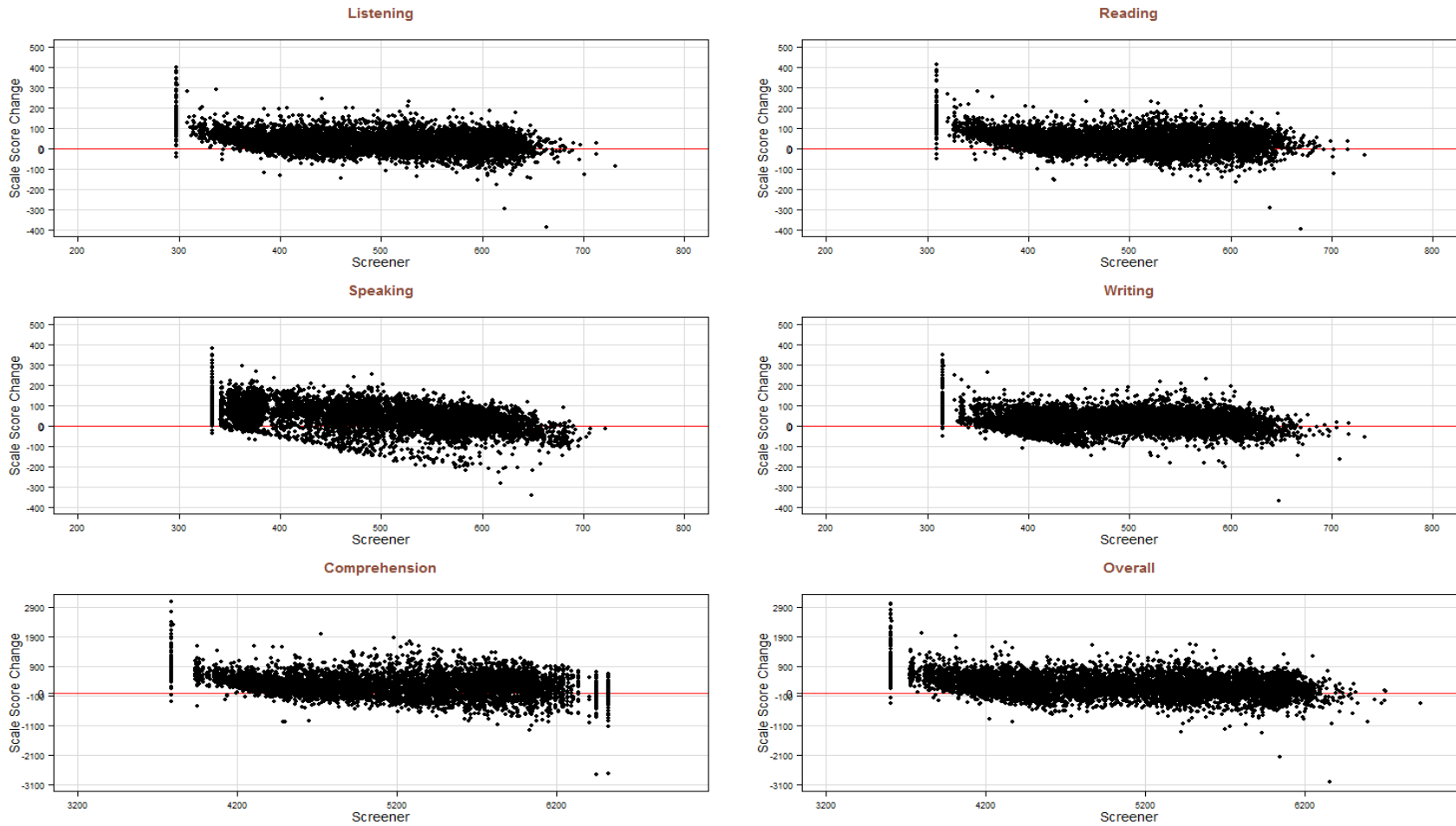
* Results are based on subset of students with results for both the screener and summative assessment.

Figure S24.9: Scatter Plot of Scale Score Change from Screener to Summative for Grade Band 6-8



* Results are based on subset of students with results for both the screener and summative assessment.

Figure S24.10: Scatter Plot of Scale Score Change from Screener to Summative for Grade Band 9-12



* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.1: Comparison of Scale Scores Between Screener and Summative - Listening

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥27,910	515	62	314	425	479	528	559	581	714
	Summative	≥27,910	562	74	237	465	511	562	614	660	775
1	Screener	≥3,860	486	87	288	369	411	497	551	597	678
	Summative	≥3,860	530	90	239	406	459	539	597	648	712
2-3	Screener	≥5,190	466	80	286	370	399	465	531	574	676
	Summative	≥5,190	487	94	229	363	399	494	565	609	731
4-5	Screener	≥3,860	442	91	270	332	364	435	518	564	696
	Summative	≥3,860	480	95	213	363	395	474	560	613	762
6-8	Screener	≥4,890	463	90	279	360	386	449	541	589	685
	Summative	≥4,890	496	95	285	383	408	488	573	627	756
9-12	Screener	≥6,630	488	94	297	368	408	489	571	613	731
	Summative	≥6,630	519	91	253	405	438	514	594	646	809

* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.2: Comparison of Scale Scores Between Screener and Summative - Reading

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥27,600	512	61	318	425	474	522	556	580	708
	Summative	≥27,600	562	73	247	466	511	561	613	658	770
1	Screener	≥3,820	466	84	286	368	405	457	526	586	704
	Summative	≥3,820	530	89	241	430	460	512	592	664	744
2-3	Screener	≥5,140	454	83	278	353	389	442	523	568	689
	Summative	≥5,140	496	84	228	398	428	482	564	616	751
4-5	Screener	≥3,820	445	86	270	342	379	435	512	564	729
	Summative	≥3,820	488	83	228	396	422	468	550	609	768
6-8	Screener	≥4,870	470	87	296	363	398	456	544	595	688
	Summative	≥4,870	511	85	295	415	441	494	574	636	769
9-12	Screener	≥6,630	493	90	309	377	419	494	567	614	733
	Summative	≥6,630	529	89	258	425	454	515	599	660	817

* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.3: Comparison of Scale Scores Between Screener and Summative - Speaking

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥27,080	510	77	339	385	460	520	566	606	711
	Summative	≥27,080	580	81	291	467	538	593	637	671	756
1	Screener	≥3,740	464	93	310	337	356	481	540	579	669
	Summative	≥3,740	537	104	265	371	470	560	615	657	736
2-3	Screener	≥5,020	440	95	292	323	337	450	522	560	677
	Summative	≥5,020	499	106	252	341	408	517	586	625	733
4-5	Screener	≥3,750	437	115	270	300	316	444	537	587	749
	Summative	≥3,750	484	109	237	330	387	499	576	620	761
6-8	Screener	≥4,720	460	100	296	331	349	471	544	585	705
	Summative	4,720	516	99	296	375	434	531	596	639	753
9-12	Screener	≥6,480	499	95	332	364	410	512	580	615	722
	Summative	≥6,480	535	88	297	404	474	548	604	639	770

* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.4: Comparison of Scale Scores Between Screener and Summative - Writing

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥27,230	478	53	347	412	444	476	509	542	684
	Summative	≥27,230	540	76	309	448	478	531	595	652	723
1	Screener	≥3,750	462	85	283	361	402	450	529	585	698
	Summative	≥3,750	517	99	245	387	425	521	592	651	733
2-3	Screener	≥5,090	450	85	276	349	382	438	519	570	690
	Summative	≥5,090	489	91	235	373	408	486	565	613	751
4-5	Screener	≥3,750	440	91	268	329	362	433	516	563	731
	Summative	≥3,750	473	98	221	349	381	470	553	607	776
6-8	Screener	≥4,780	461	89	281	355	387	448	535	585	698
	Summative	≥4,780	489	101	292	351	399	493	565	623	768
9-12	Screener	≥6,540	490	85	315	382	419	491	557	604	732
	Summative	≥6,540	508	93	263	370	434	514	581	627	808

* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.5: Comparison of Scale Scores Between Screener and Summative - Comprehension

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥28,010	5,341	482	3,978	4,637	5,017	5,417	5,682	5,876	6,375
	Summative	≥28,010	5,577	527	3,377	4,886	5,212	5,571	5,954	6,276	6,865
1	Screener	≥3,880	5,037	594	3,785	4,287	4,576	5,015	5,494	5,855	6,387
	Summative	≥3,880	5,363	607	3,428	4,589	4,891	5,327	5,780	6,253	6,633
2-3	Screener	≥5,200	4,915	604	3,756	4,201	4,406	4,831	5,424	5,749	6,439
	Summative	≥5,200	5,076	636	3,300	4,290	4,511	5,047	5,583	5,966	6,729
4-5	Screener	≥3,870	4,769	605	3,649	4,064	4,282	4,688	5,242	5,600	6,588
	Summative	≥3,870	5,039	633	3,298	4,329	4,510	4,914	5,523	5,968	6,878
6-8	Screener	≥4,930	4,938	638	3,803	4,223	4,408	4,793	5,469	5,858	6,476
	Summative	≥4,930	5,177	648	3,630	4,450	4,609	5,056	5,671	6,129	6,938
9-12	Screener	≥6,680	5,088	679	3,787	4,251	4,520	5,055	5,657	6,023	6,524
	Summative	≥6,680	5,346	679	3,505	4,576	4,765	5,228	5,863	6,344	7,177

* Results are based on subset of students with results for both the screener and summative assessment.

Table S24.6: Comparison of Scale Scores Between Screener and Summative - Overall

Grade/Grade Band	Test	N	Mean	SD	Min	P10	P25	P50	P75	P90	Max
K	Screener	≥28,110	5,099	475	3,646	4,428	4,811	5,165	5,429	5,624	6,763
	Summative	≥28,110	5,584	554	3,185	4,866	5,210	5,587	5,968	6,297	7,178
1	Screener	≥3,880	4,836	690	3,364	3,937	4,245	4,862	5,347	5,780	6,629
	Summative	≥3,880	5,327	743	3,021	4,288	4,747	5,355	5,875	6,320	6,998
2-3	Screener	≥5,210	4,696	683	3,326	3,871	4,085	4,680	5,254	5,629	6,575
	Summative	≥5,210	5,031	741	2,968	4,044	4,370	5,062	5,641	5,998	6,971
4-5	Screener	≥3,880	4,617	765	3,237	3,690	3,929	4,579	5,253	5,653	6,891
	Summative	≥3,880	4,947	758	2,892	3,992	4,265	4,931	5,590	5,982	7,221
6-8	Screener	≥4,940	4,806	727	3,388	3,922	4,150	4,767	5,435	5,795	6,606
	Summative	≥4,940	5,126	740	3,431	4,169	4,461	5,119	5,720	6,137	7,094
9-12	Screener	≥6,730	5,044	720	3,605	4,087	4,422	5,087	5,662	5,991	6,923
	Summative	≥6,730	5,287	705	3,235	4,346	4,691	5,290	5,861	6,228	7,483

* Results are based on subset of students with results for both the screener and summative assessment.

Section 25: Screener Assessment - Mock Ups for Reporting

* Refer to the Appendix for each individual state