

**TECHNICAL REPORT**  
**PART IV - APPENDIX FOR POOLED ANALYSIS**

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

**Grades K-12**

**2021-2022 Administration**

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ELPA21

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## Table of Contents

Section 1: Summative Assessment - Student Participation .....	1
Table S1.1: Students Who Participated in Each Mode of Testing - Summative .....	2
Table S1.2: Student Participation by Subgroups - Summative.....	3
Section 2: Summative Assessment - Raw Score Statistics .....	5
Table S2.1: Summative Raw Score Summary - Kindergarten .....	6
Table S2.2: Summative Raw Score Summary - Grade 1.....	7
Table S2.3: Summative Raw Score Summary - Grade 2.....	8
Table S2.4: Summative Raw Score Summary - Grade 3.....	9
Table S2.5: Summative Raw Score Summary - Grade 4.....	10
Table S2.6: Summative Raw Score Summary - Grade 5.....	11
Table S2.7: Summative Raw Score Summary - Grade 6.....	12
Table S2.8: Summative Raw Score Summary - Grade 7.....	13
Table S2.9: Summative Raw Score Summary - Grade 8.....	14
Table S2.10: Summative Raw Score Summary - Grade 9.....	15
Table S2.11: Summative Raw Score Summary - Grade 10.....	16
Table S2.12: Summative Raw Score Summary - Grade 11.....	17
Table S2.13: Summative Raw Score Summary - Grade 12.....	18
Section 3: Summative Assessment - Raw Score Distributions.....	19
Figure S3.1: Summative Raw Score Summary - Kindergarten Listening <sup>1</sup> .....	20
Figure S3.2: Summative Raw Score Summary - Kindergarten Reading.....	21
Figure S3.3: Summative Raw Score Summary - Kindergarten Speaking .....	22
Figure S3.4: Summative Raw Score Summary - Kindergarten Writing.....	23
Figure S3.5: Summative Raw Score Summary - Kindergarten Overall .....	24
Figure S3.6: Summative Raw Score Summary - Grade 1 Listening .....	25
Figure S3.7: Summative Raw Score Summary - Grade 1 Reading .....	26
Figure S3.8: Summative Raw Score Summary - Grade 1 Speaking.....	27
Figure S3.9: Summative Raw Score Summary - Grade 1 Writing .....	28
Figure S3.10: Summative Raw Score Summary - Grade 1 Overall .....	29
Figure S3.11: Summative Raw Score Summary - Grade 2 Listening .....	30
Figure S3.12: Summative Raw Score Summary - Grade 2 Reading .....	31
Figure S3.13: Summative Raw Score Summary - Grade 2 Speaking .....	32
Figure S3.14: Summative Raw Score Summary - Grade 2 Writing .....	33
Figure S3.15: Summative Raw Score Summary - Grade 2 Overall .....	34
Figure S3.16: Summative Raw Score Summary - Grade 3 Listening .....	35
Figure S3.17: Summative Raw Score Summary - Grade 3 Reading .....	36
Figure S3.18: Summative Raw Score Summary - Grade 3 Speaking .....	37

Figure S3.19: Summative Raw Score Summary - Grade 3 Writing .....	38
Figure S3.20: Summative Raw Score Summary - Grade 3 Overall .....	39
Figure S3.21: Summative Raw Score Summary - Grade 4 Listening .....	40
Figure S3.22: Summative Raw Score Summary - Grade 4 Reading .....	41
Figure S3.23: Summative Raw Score Summary - Grade 4 Speaking .....	42
Figure S3.24: Summative Raw Score Summary - Grade 4 Writing .....	43
Figure S3.25: Summative Raw Score Summary - Grade 4 Overall .....	44
Figure S3.26: Summative Raw Score Summary - Grade 5 Listening .....	45
Figure S3.27: Summative Raw Score Summary - Grade 5 Reading .....	46
Figure S3.28: Summative Raw Score Summary - Grade 5 Speaking .....	47
Figure S3.29: Summative Raw Score Summary - Grade 5 Writing .....	48
Figure S3.30: Summative Raw Score Summary - Grade 5 Overall .....	49
Figure S3.31: Summative Raw Score Summary - Grade 6 Listening .....	50
Figure S3.32: Summative Raw Score Summary - Grade 6 Reading .....	51
Figure S3.33: Summative Raw Score Summary - Grade 6 Speaking .....	52
Figure S3.34: Summative Raw Score Summary - Grade 6 Writing .....	53
Figure S3.35: Summative Raw Score Summary - Grade 6 Overall .....	54
Figure S3.36: Summative Raw Score Summary - Grade 7 Listening .....	55
Figure S3.37: Summative Raw Score Summary - Grade 7 Reading .....	56
Figure S3.38: Summative Raw Score Summary - Grade 7 Speaking .....	57
Figure S3.39: Summative Raw Score Summary - Grade 7 Writing .....	58
Figure S3.40: Summative Raw Score Summary - Grade 7 Overall .....	59
Figure S3.41: Summative Raw Score Summary - Grade 8 Listening .....	60
Figure S3.42: Summative Raw Score Summary - Grade 8 Reading .....	61
Figure S3.43: Summative Raw Score Summary - Grade 8 Speaking .....	62
Figure S3.44: Summative Raw Score Summary - Grade 8 Writing .....	63
Figure S3.45: Summative Raw Score Summary - Grade 8 Overall .....	64
Figure S3.46: Summative Raw Score Summary - Grade 9 Listening .....	65
Figure S3.47: Summative Raw Score Summary - Grade 9 Reading .....	66
Figure S3.48: Summative Raw Score Summary - Grade 9 Speaking .....	67
Figure S3.49: Summative Raw Score Summary - Grade 9 Writing .....	68
Figure S3.50: Summative Raw Score Summary - Grade 9 Overall .....	69
Figure S3.51: Summative Raw Score Summary - Grade 10 Listening .....	70
Figure S3.52: Summative Raw Score Summary - Grade 10 Reading .....	71
Figure S3.53: Summative Raw Score Summary - Grade 10 Speaking .....	72
Figure S3.54: Summative Raw Score Summary - Grade 10 Writing .....	73
Figure S3.55: Summative Raw Score Summary - Grade 10 Overall .....	74

Figure S3.56: Summative Raw Score Summary - Grade 11 Listening .....	75
Figure S3.57: Summative Raw Score Summary - Grade 11 Reading .....	76
Figure S3.58: Summative Raw Score Summary - Grade 11 Speaking .....	77
Figure S3.59: Summative Raw Score Summary - Grade 11 Writing .....	78
Figure S3.60: Summative Raw Score Summary - Grade 11 Overall .....	79
Figure S3.61: Summative Raw Score Summary - Grade 12 Listening .....	80
Figure S3.62: Summative Raw Score Summary - Grade 12 Reading .....	81
Figure S3.63: Summative Raw Score Summary - Grade 12 Speaking .....	82
Figure S3.64: Summative Raw Score Summary - Grade 12 Writing .....	83
Figure S3.65: Summative Raw Score Summary - Grade 12 Overall .....	84
Section 4: Summative Assessment - Scale Score Summary .....	85
Table S4.1: Summative Scale Score Summary by Subgroup - Kindergarten.....	86
Table S4.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.) .....	87
Table S4.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.) .....	88
Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1 .....	89
Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.) .....	90
Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.) .....	91
Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2 .....	92
Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.) .....	93
Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.) .....	94
Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3 .....	95
Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.) .....	96
Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.) .....	97
Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4 .....	98
Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.) .....	99
Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.) .....	100
Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5 .....	101
Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.) .....	102
Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.) .....	103
Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6 .....	104
Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.) .....	105
Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.) .....	106
Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7 .....	107
Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.) .....	108
Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.) .....	109
Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8 .....	110
Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.) .....	111

Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.) .....	112
Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9 .....	113
Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.) .....	114
Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.) .....	115
Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10.....	116
Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.) .....	117
Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.) .....	118
Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11 .....	119
Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.) .....	120
Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.) .....	121
Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12.....	122
Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.) .....	123
Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.) .....	124
Table S4.14: Summative Summary of Domain Exemption and Not Attempted.....	125
Section 5: Summative Assessment - Percentage of Students by Domain Performance Level .....	126
Figure S5.1: Summative Percentage of Students in Performance Levels.....	127
Table S5.1: Summative Performance Level by Domain - Kindergarten .....	128
Table S5.1: Summative Performance Level by Domain - Kindergarten (cont.) .....	129
Table S5.2: Summative Performance Level by Domain - Grade 1 .....	130
Table S5.2: Summative Performance Level by Domain - Grade 1 (cont.).....	131
Table S5.3: Summative Performance Level by Domain - Grade 2 .....	132
Table S5.3: Summative Performance Level by Domain - Grade 2 (cont.).....	133
Table S5.4: Summative Performance Level by Domain - Grade 3 .....	134
Table S5.4: Summative Performance Level by Domain - Grade 3 (cont.).....	135
Table S5.5: Summative Performance Level by Domain - Grade 4 .....	136
Table S5.5: Summative Performance Level by Domain - Grade 4 (cont.).....	137
Table S5.6: Summative Performance Level by Domain - Grade 5 .....	138
Table S5.6: Summative Performance Level by Domain - Grade 5 (cont.).....	139
Table S5.7: Summative Performance Level by Domain - Grade 6 .....	140
Table S5.7: Summative Performance Level by Domain - Grade 6 (cont.).....	141
Table S5.8: Summative Performance Level by Domain - Grade 7 .....	142
Table S5.8: Summative Performance Level by Domain - Grade 7 (cont.).....	143
Table S5.9: Summative Performance Level by Domain - Grade 8 .....	144
Table S5.9: Summative Performance Level by Domain - Grade 8 (cont.).....	145
Table S5.10: Summative Performance Level by Domain - Grade 9 .....	146
Table S5.10: Summative Performance Level by Domain - Grade 9 (cont.).....	147
Table S5.11: Summative Performance Level by Domain - Grade 10 .....	148

Table S5.11: Summative Performance Level by Domain - Grade 10 (cont.).....	149
Table S5.12: Summative Performance Level by Domain - Grade 11 .....	150
Table S5.12: Summative Performance Level by Domain - Grade 11 (cont.).....	151
Table S5.13: Summative Performance Level by Domain - Grade 12 .....	152
Table S5.13: Summative Performance Level by Domain - Grade 12 (cont.).....	153
Section 6: Summative Assessment - Percentage of Students by Overall Proficiency Category .....	154
Figure S6.1: Summative Percentage of Students in Proficiency Categories .....	155
Table S6.1: Summative Overall Proficiency Categories - Kindergarten.....	156
Table S6.2: Summative Overall Proficiency Categories - Grade 1 .....	157
Table S6.3: Summative Overall Proficiency Categories - Grade 2 .....	158
Table S6.4: Summative Overall Proficiency Categories - Grade 3 .....	159
Table S6.5: Summative Overall Proficiency Categories - Grade 4 .....	160
Table S6.6: Summative Overall Proficiency Categories - Grade 5 .....	161
Table S6.7: Summative Overall Proficiency Categories - Grade 6 .....	162
Table S6.8: Summative Overall Proficiency Categories - Grade 7 .....	163
Table S6.9: Summative Overall Proficiency Categories - Grade 8 .....	164
Table S6.10: Summative Overall Proficiency Categories - Grade 9 .....	165
Table S6.11: Summative Overall Proficiency Categories - Grade 10 .....	166
Table S6.12: Summative Overall Proficiency Categories - Grade 11 .....	167
Table S6.13: Summative Overall Proficiency Categories - Grade 12 .....	168
Section 7: Summative Assessment - Testing Time.....	169
Table S7.1: Summative Testing Time .....	170
Section 8: Summative Assessment - Cronbach Alpha.....	171
Figure S8.1: Summative Cronbach Alpha by Test by Domain .....	172
Section 9: Summative Assessment - Marginal Reliability .....	173
Figure S9.1: Summative Ratio of Marginal Standard Error of Measurement to Standard Deviation of Estimated Scale Scores by Grade and Domain .....	174
Figure S9.2: Summative Marginal Reliability by Test .....	175
Figure S9.3: Summative Marginal Reliability by Gender .....	176
Figure S9.4: Summative Marginal Reliability by Ethnicity .....	177
Section 10: Summative Assessment - Conditional Standard Error of Measurement (CSEM).....	178
Figure S10.1: Summative Conditional Standard Error of Measurement for Kindergarten .....	179
Figure S10.2: Summative Conditional Standard Error of Measurement for Grade 1 .....	180
Figure S10.3: Summative Conditional Standard Error of Measurement for Grade 2 .....	181
Figure S10.4: Summative Conditional Standard Error of Measurement for Grade 3 .....	182
Figure S10.5: Summative Conditional Standard Error of Measurement for Grade 4 .....	183
Figure S10.6: Summative Conditional Standard Error of Measurement for Grade 5 .....	184

Figure S10.7: Summative Conditional Standard Error of Measurement for Grade 6 .....	185
Figure S10.8: Summative Conditional Standard Error of Measurement for Grade 7 .....	186
Figure S10.9: Summative Conditional Standard Error of Measurement for Grade 8 .....	187
Figure S10.10: Summative Conditional Standard Error of Measurement for Grade 9 .....	188
Figure S10.11: Summative Conditional Standard Error of Measurement for Grade 10 .....	189
Figure S10.12: Summative Conditional Standard Error of Measurement for Grade 11 .....	190
Figure S10.13: Summative Conditional Standard Error of Measurement for Grade 12 .....	191
Section 11: Summative Assessment - Classification Accuracy and Consistency .....	192
Figure S11.1: Summative Domain Level Classification Accuracy .....	193
Figure S11.2: Summative Domain Level Classification Consistency .....	194
Figure S11.3: Summative Overall Proficiency Classification .....	195
Section 12: Summative Assessment - Inter-Rater Analysis .....	196
Table S12.1: Summative Inter-Rater Result - Kindergarten.....	197
Table S12.2: Summative Inter-Rater Result - Grade 1 .....	198
Table S12.3: Summative Inter-Rater Result - Grade Band 2-3 .....	199
Table S12.4: Summative Inter-Rater Result - Grade Band 4-5 .....	200
Table S12.5: Summative Inter-Rater Result - Grade Band 6-8 .....	201
Table S12.6: Summative Inter-Rater Result - Grade Band 9-12 .....	202
Section 13: Summative Assessment - Dimensionality .....	203
Figure S13.1: Summative Validity - Dimensionality for Kindergarten.....	204
Figure S13.2: Summative Validity - Dimensionality for Grade 1 .....	205
Figure S13.3: Summative Validity - Dimensionality for Grade Band 2-3 .....	206
Figure S13.4: Summative Validity - Dimensionality for Grade Band 4-5 .....	207
Figure S13.5: Summative Validity - Dimensionality for Grade Band 6-8 .....	208
Figure S13.6: Summative Validity - Dimensionality for Grade Band 9-12 .....	209
Section 14: Summative Assessment - Ability vs. Difficulty .....	210
Figure S14.1: Summative Validity - Ability vs. Difficulty for Kindergarten.....	211
Figure S14.2: Summative Validity - Ability vs. Difficulty for Grade 1 .....	212
Figure S14.3: Summative Validity - Ability vs. Difficulty for Grade Band 2-3 .....	213
Figure S14.4: Summative Validity - Ability vs. Difficulty for Grade Band 4-5 .....	214
Figure S14.5: Summative Validity - Ability vs. Difficulty for Grade Band 6-8 .....	215
Figure S14.6: Summative Validity - Ability vs. Difficulty for Grade Band 9-12 .....	216
Section 15: Summative Assessment - Mock Ups for Reporting.....	217

## **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	≥ 27,500	< 10	NR	≥ 27,430	NR	≥ 70	NR
1	≥ 25,550	< 10	NR	≥ 25,470	NR	≥ 70	NR
2	≥ 23,210	< 10	NR	≥ 23,160	NR	≥ 50	NR
3	≥ 18,250	< 10	NR	≥ 18,210	NR	≥ 40	NR
4	≥ 15,160	< 10	NR	≥ 15,130	NR	≥ 20	NR
5	≥ 13,110	< 10	NR	≥ 13,090	NR	≥ 10	NR
6	≥ 11,590	< 10	NR	≥ 11,580	NR	< 10	NR
7	≥ 11,120	< 10	NR	≥ 11,110	NR	≥ 10	NR
8	≥ 10,990	< 10	NR	≥ 10,980	NR	≥ 10	NR
9	≥ 14,170	< 10	NR	≥ 14,160	NR	< 10	NR
10	≥ 10,910	< 10	NR	≥ 10,910	NR	< 10	NR
11	≥ 9,910	< 10	NR	≥ 9,900	NR	< 10	NR
12	≥ 7,770	< 10	NR	≥ 7,770	NR	< 10	NR
<b>Total</b>	≥ 199,310	≥ 10	NR	≥ 198,950	NR	≥ 350	NR

**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		≥ 27,500	100.0	≥ 25,550	100.0	≥ 41,470	100.0	≥ 28,270	100.0	≥ 33,720	100.0	≥ 42,770	100.0
Grade	K	≥ 27,500	100.0										
	1			≥ 25,550	100.0								
	2					≥ 23,210	56.0						
	3					≥ 18,250	44.0						
	4							≥ 15,160	53.6				
	5							≥ 13,110	46.4				
	6									≥ 11,590	34.4		
	7									≥ 11,120	33.0		
	8									≥ 10,990	32.6		
	9											≥ 14,170	33.1
	10											≥ 10,910	25.5
	11											≥ 9,910	23.2
	12											≥ 7,770	18.2
Gender	Female	≥ 13,400	48.7	≥ 12,330	48.3	≥ 19,730	47.6	≥ 12,560	44.4	≥ 14,910	44.2	≥ 18,760	43.9
	Male	≥ 13,950	50.7	≥ 13,090	51.2	≥ 21,590	52.1	≥ 15,630	55.3	≥ 18,710	55.5	≥ 23,870	55.8

Subgroup	Status	K		1		2-3		4-5		6-8		9-12	
		N	%	N	%	N	%	N	%	N	%	N	%
	Missing	≥ 150	0.6	≥ 120	0.5	≥ 140	0.3	≥ 70	0.3	≥ 90	0.3	≥ 140	0.3
Ethnicity	American Indian or Alaskan Native	≥ 90	0.4	≥ 90	0.4	≥ 110	0.3	≥ 70	0.3	≥ 100	0.3	≥ 90	0.2
	Asian	≥ 4,090	14.9	≥ 3,800	14.9	≥ 5,390	13.0	≥ 2,990	10.6	≥ 3,020	9.0	≥ 3,980	9.3
	Black or African American	≥ 2,970	10.8	≥ 2,820	11.1	≥ 4,520	10.9	≥ 3,130	11.1	≥ 3,600	10.7	≥ 5,270	12.3
	Hispanic or Latino	≥ 16,110	58.6	≥ 15,000	58.7	≥ 25,200	60.8	≥ 17,860	63.2	≥ 22,210	65.9	≥ 27,700	64.8
	Native Hawaiian or Other Pacific Islander	≥ 50	0.2	≥ 40	0.2	≥ 60	0.2	≥ 40	0.2	≥ 60	0.2	≥ 90	0.2
	Pacific Islander	≥ 540	2.0	≥ 500	2.0	≥ 930	2.3	≥ 810	2.9	≥ 1,030	3.1	≥ 1,170	2.7
	Two or More Races	≥ 1,070	3.9	≥ 970	3.8	≥ 1,790	4.3	≥ 1,280	4.5	≥ 1,460	4.3	≥ 1,620	3.8
	White	≥ 2,510	9.2	≥ 2,280	8.9	≥ 3,400	8.2	≥ 2,030	7.2	≥ 2,190	6.5	≥ 2,800	6.6
	Other/Unknown	≥ 50	0.2	≥ 30	0.1	≥ 30	0.1	≥ 20	0.1	≥ 10	0.1	≥ 20	0.0

## **Section 2: Summative Assessment - Raw Score Statistics**

**Table S2.1: Summative Raw Score Summary - Kindergarten**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 4,470	0	10.7	19	3.3
	2	≥ 3,880	11	16.1	23	1.8
	3	≥ 13,400	14	21.2	28	2.2
	4	≥ 2,620	21	24.8	28	1.2
	5	≥ 3,020	22	26.4	28	1.1
Reading	1	≥ 4,330	0	9.5	16	3.0
	2	≥ 4,400	9	14.2	19	1.6
	3	≥ 10,540	12	17.3	23	1.6
	4	≥ 3,670	16	19.7	23	1.2
	5	≥ 4,320	18	21.2	23	1.1
Speaking	1	≥ 6,250	0	5.2	12	3.7
	2	≥ 4,140	7	13.4	17	1.5
	3	≥ 8,100	13	18.2	23	1.7
	4	≥ 3,520	18	21.6	24	0.9
	5	≥ 5,160	20	24.1	27	1.3
Writing	1	≥ 11,700	0	3.9	8	1.6
	2	≥ 7,380	5	9.4	14	2.0
	3	≥ 6,160	12	15.4	18	1.5
	4	≥ 870	17	17.8	18	0.4
	5	≥ 1,120	17	18.0	18	0.0
Overall	Emerging	≥ 6,000	0	34.9	62	10.9
	Progressing	≥ 19,770	20	67.6	94	11.4
	Proficient	≥ 1,360	79	88.6	96	3.4

**Table S2.2: Summative Raw Score Summary - Grade 1**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,990	0	9.5	16	3.2
	2	≥ 1,700	11	15.0	19	1.6
	3	≥ 7,910	14	19.4	23	1.6
	4	≥ 6,400	19	21.9	24	0.9
	5	≥ 7,430	20	23.2	24	0.8
Reading	1	≥ 6,690	0	11.8	19	2.9
	2	≥ 4,900	11	16.4	23	1.7
	3	≥ 6,560	15	20.9	28	2.1
	4	≥ 3,020	21	25.5	30	1.5
	5	≥ 4,120	24	28.5	30	1.2
Speaking	1	≥ 7,090	0	11.1	19	5.2
	2	≥ 6,360	12	18.5	22	1.3
	3	≥ 2,440	14	20.3	23	1.0
	4	≥ 3,730	16	21.4	24	1.0
	5	≥ 5,650	18	23.0	25	1.1
Writing	1	≥ 9,120	0	6.9	16	4.3
	2	≥ 5,110	12	16.5	19	1.2
	3	≥ 6,520	16	18.8	20	0.8
	4	≥ 1,780	18	19.6	20	0.5
	5	≥ 2,770	19	19.9	20	0.3
Overall	Emerging	≥ 3,090	0	37.8	73	13.2
	Progressing	≥ 18,380	21	73.3	97	12.3
	Proficient	≥ 3,750	84	93.0	99	2.9

**Table S2.3: Summative Raw Score Summary - Grade 2**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,600	0	7.7	13	2.8
	2	≥ 1,000	9	13.0	17	1.3
	3	≥ 5,730	12	18.2	23	1.9
	4	≥ 7,090	18	21.9	26	1.2
	5	≥ 7,680	20	24.2	26	1.1
Reading	1	≥ 6,000	0	13.1	25	3.0
	2	≥ 3,700	11	17.6	27	2.1
	3	≥ 6,420	15	23.0	31	2.6
	4	≥ 3,580	21	27.7	33	1.8
	5	≥ 3,300	24	31.0	34	1.7
Speaking	1	≥ 4,370	0	8.3	17	4.7
	2	≥ 4,020	10	15.6	20	1.3
	3	≥ 3,630	12	17.9	21	1.1
	4	≥ 4,860	16	19.7	23	1.1
	5	≥ 6,100	17	22.2	25	1.3
Writing	1	≥ 5,580	0	3.8	11	2.4
	2	≥ 3,660	4	10.2	15	1.7
	3	≥ 6,820	6	14.5	20	1.9
	4	≥ 3,680	12	17.7	22	1.3
	5	≥ 3,250	15	20.1	24	1.4
Overall	Emerging	≥ 2,340	0	32.7	65	11.7
	Progressing	≥ 15,260	26	70.0	96	12.4
	Proficient	≥ 5,320	80	93.4	109	4.7

**Table S2.4: Summative Raw Score Summary - Grade 3**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,140	0	7.5	14	2.8
	2	≥ 730	10	13.7	17	1.5
	3	≥ 4,440	12	19.5	24	1.9
	4	≥ 6,780	19	23.0	26	1.2
	5	≥ 5,080	22	24.8	26	0.8
Reading	1	≥ 5,050	0	15.3	27	3.8
	2	≥ 2,950	14	22.6	30	2.3
	3	≥ 6,310	19	27.5	34	2.1
	4	≥ 2,340	25	30.8	34	1.3
	5	≥ 1,370	28	32.5	34	1.1
Speaking	1	≥ 2,670	0	8.1	17	5.1
	2	≥ 2,140	11	16.2	20	1.3
	3	≥ 3,510	13	18.6	23	1.2
	4	≥ 4,990	16	20.6	24	1.1
	5	≥ 4,750	19	23.0	25	1.2
Writing	1	≥ 4,710	0	6.9	16	4.0
	2	≥ 3,060	6	14.3	19	1.6
	3	≥ 6,280	10	17.8	22	1.5
	4	≥ 2,590	14	20.2	23	1.0
	5	≥ 1,390	18	21.9	24	1.0
Overall	Emerging	≥ 1,690	0	35.0	73	13.7
	Progressing	≥ 13,330	23	80.3	100	12.3
	Proficient	≥ 2,950	89	98.7	109	3.1

**Table S2.5: Summative Raw Score Summary - Grade 4**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,110	0	8.9	14	3.0
	2	≥ 940	9	14.1	18	1.5
	3	≥ 3,020	12	18.8	25	2.1
	4	≥ 5,880	17	23.9	29	1.9
	5	≥ 4,150	22	27.5	30	1.4
Reading	1	≥ 3,310	0	6.4	13	2.1
	2	≥ 2,400	5	9.8	16	1.6
	3	≥ 4,870	9	14.2	21	2.1
	4	≥ 2,660	14	18.9	24	1.6
	5	≥ 1,720	18	22.5	27	1.7
Speaking	1	≥ 2,280	0	7.4	17	4.9
	2	≥ 1,590	11	16.8	21	1.5
	3	≥ 2,580	15	20.1	24	1.3
	4	≥ 3,980	17	22.7	26	1.2
	5	≥ 4,570	21	25.4	30	1.4
Writing	1	≥ 2,820	0	5.3	14	3.2
	2	≥ 1,920	8	13.7	19	2.0
	3	≥ 7,230	11	20.1	27	2.4
	4	≥ 1,840	19	23.7	28	1.3
	5	≥ 1,180	21	25.6	30	1.5
Overall	Emerging	≥ 1,820	0	30.7	58	11.5
	Progressing	≥ 10,470	27	74.8	101	13.0
	Proficient	≥ 2,640	83	96.7	112	4.6

**Table S2.6: Summative Raw Score Summary - Grade 5**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,260	0	9.9	16	3.2
	2	≥ 1,060	11	15.9	22	1.8
	3	≥ 1,680	13	19.8	25	1.8
	4	≥ 5,330	17	24.4	29	2.0
	5	≥ 3,730	23	28.0	30	1.2
Reading	1	≥ 2,820	0	7.0	15	2.2
	2	≥ 2,070	6	11.6	18	1.7
	3	≥ 4,900	11	17.0	24	2.3
	4	≥ 1,950	17	21.5	26	1.4
	5	≥ 1,180	20	23.8	27	1.4
Speaking	1	≥ 2,290	0	8.6	19	5.5
	2	≥ 1,470	13	18.3	23	1.5
	3	≥ 3,180	16	21.6	25	1.3
	4	≥ 2,910	19	23.9	27	1.0
	5	≥ 3,100	22	26.2	30	1.2
Writing	1	≥ 1,980	0	5.2	14	3.2
	2	≥ 1,320	6	14.1	19	2.1
	3	≥ 7,460	11	21.4	28	2.5
	4	≥ 1,300	21	25.0	29	1.3
	5	≥ 860	23	26.7	30	1.3
Overall	Emerging	≥ 1,950	0	35.5	68	13.8
	Progressing	≥ 9,120	30	82.2	104	11.9
	Proficient	≥ 1,800	90	101.2	112	3.5

**Table S2.7: Summative Raw Score Summary - Grade 6**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,100	0	11.4	19	3.2
	2	≥ 770	13	17.6	23	1.8
	3	≥ 2,350	17	24.3	31	2.5
	4	≥ 4,370	25	30.7	36	1.9
	5	≥ 2,930	30	34.4	36	1.1
Reading	1	≥ 2,410	0	7.9	15	2.2
	2	≥ 2,210	5	11.1	18	1.8
	3	≥ 4,380	9	15.8	25	2.4
	4	≥ 1,490	16	21.2	28	1.7
	5	≥ 950	20	25.4	31	2.0
Speaking	1	≥ 1,680	0	5.1	13	3.8
	2	≥ 1,350	8	13.0	17	1.4
	3	≥ 3,600	12	16.8	20	1.4
	4	≥ 2,650	16	19.5	23	1.0
	5	≥ 2,190	17	22.3	27	1.4
Writing	1	≥ 1,590	0	3.3	11	2.8
	2	≥ 1,220	6	11.6	17	1.9
	3	≥ 6,230	9	18.0	24	2.2
	4	≥ 1,490	18	21.5	25	1.2
	5	≥ 930	19	23.5	28	1.3
Overall	Emerging	≥ 1,570	0	33.6	61	11.5
	Progressing	≥ 8,290	31	78.2	105	12.4
	Proficient	≥ 1,520	88	100.7	119	4.9

**Table S2.8: Summative Raw Score Summary - Grade 7**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,660	0	12.9	21	3.9
	2	≥ 1,210	15	21.7	28	2.2
	3	≥ 3,760	22	29.2	36	2.5
	4	≥ 2,590	30	33.3	36	1.1
	5	≥ 1,840	32	35.0	36	0.9
Reading	1	≥ 3,300	0	9.0	18	2.5
	2	≥ 2,670	8	14.1	21	2.0
	3	≥ 3,660	13	19.9	28	2.4
	4	≥ 860	21	24.6	29	1.5
	5	≥ 460	23	27.4	31	1.5
Speaking	1	≥ 1,890	0	5.4	14	4.0
	2	≥ 1,580	9	14.1	18	1.6
	3	≥ 3,760	13	18.0	22	1.4
	4	≥ 1,960	17	20.6	23	0.9
	5	≥ 1,780	17	23.2	27	1.4
Writing	1	≥ 2,550	0	6.6	17	4.9
	2	≥ 2,080	10	16.3	22	1.6
	3	≥ 4,930	14	20.3	26	1.7
	4	≥ 900	20	23.0	26	1.0
	5	≥ 510	21	24.7	28	1.2
Overall	Emerging	≥ 2,280	0	40.1	74	14.9
	Progressing	≥ 7,840	38	85.3	111	11.6
	Proficient	≥ 790	97	106.1	121	3.7

**Table S2.9: Summative Raw Score Summary - Grade 8**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,700	0	13.0	22	3.8
	2	≥ 1,020	15	22.0	28	2.3
	3	≥ 3,350	22	30.0	35	2.5
	4	≥ 2,750	30	34.0	36	1.1
	5	≥ 2,100	32	35.3	36	0.8
Reading	1	≥ 3,120	0	9.4	19	2.7
	2	≥ 2,410	9	15.2	22	2.1
	3	≥ 4,200	14	21.8	29	2.6
	4	≥ 700	21	26.7	30	1.3
	5	≥ 410	25	28.6	31	1.3
Speaking	1	≥ 1,870	0	5.2	14	4.0
	2	≥ 1,310	8	14.1	18	1.6
	3	≥ 3,600	12	18.3	22	1.5
	4	≥ 1,850	15	21.0	24	0.9
	5	≥ 2,220	20	23.6	27	1.4
Writing	1	≥ 2,630	0	7.3	18	5.3
	2	≥ 1,950	12	17.2	23	1.6
	3	≥ 4,880	16	21.2	26	1.6
	4	≥ 820	21	23.9	27	1.0
	5	≥ 570	23	25.5	28	1.1
Overall	Emerging	≥ 2,270	0	40.2	75	15.5
	Progressing	≥ 7,750	43	89.9	113	12.0
	Proficient	≥ 760	102	109.9	122	3.3

**Table S2.10: Summative Raw Score Summary - Grade 9**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 4,000	0	7.6	15	2.5
	2	≥ 1,540	7	13.0	19	1.8
	3	≥ 4,520	12	19.1	26	2.6
	4	≥ 2,480	19	23.5	27	1.4
	5	≥ 1,510	21	25.3	27	1.1
Reading	1	≥ 5,470	0	9.7	18	2.7
	2	≥ 3,180	8	14.6	23	2.2
	3	≥ 4,550	12	20.9	30	3.0
	4	≥ 520	23	27.4	32	1.6
	5	≥ 270	25	30.2	35	1.8
Speaking	1	≥ 4,040	0	4.2	13	3.5
	2	≥ 2,420	8	13.4	18	1.9
	3	≥ 4,660	13	18.7	23	1.7
	4	≥ 1,690	17	21.9	25	1.0
	5	≥ 1,150	20	24.1	27	1.2
Writing	1	≥ 5,040	0	5.2	15	4.0
	2	≥ 2,570	9	14.8	20	1.6
	3	≥ 5,450	13	19.1	25	1.8
	4	≥ 640	18	22.4	25	1.1
	5	≥ 290	21	24.1	27	1.1
Overall	Emerging	≥ 5,020	0	31.1	63	12.1
	Progressing	≥ 8,450	33	75.7	103	12.0
	Proficient	≥ 400	91	99.4	110	3.6

**Table S2.11: Summative Raw Score Summary - Grade 10**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,830	0	7.9	13	2.4
	2	≥ 1,180	7	13.0	19	1.8
	3	≥ 3,490	11	19.1	26	2.6
	4	≥ 2,280	18	23.4	27	1.4
	5	≥ 2,050	22	25.4	27	1.1
Reading	1	≥ 2,950	0	9.9	18	2.6
	2	≥ 2,300	8	14.6	23	2.2
	3	≥ 4,330	13	21.2	30	3.0
	4	≥ 770	23	27.3	33	1.6
	5	≥ 440	26	30.4	35	1.7
Speaking	1	≥ 1,880	0	4.7	13	3.6
	2	≥ 1,750	8	13.6	18	1.8
	3	≥ 3,820	13	18.8	23	1.6
	4	≥ 1,700	18	21.9	25	0.9
	5	≥ 1,600	20	24.1	27	1.2
Writing	1	≥ 2,640	0	6.5	15	4.2
	2	≥ 1,920	10	14.8	20	1.6
	3	≥ 4,860	13	19.2	25	1.8
	4	≥ 840	19	22.3	25	1.1
	5	≥ 510	21	24.1	28	1.3
Overall	Emerging	≥ 2,590	0	35.3	64	12.1
	Progressing	≥ 7,390	36	77.8	104	12.3
	Proficient	≥ 690	91	99.9	115	3.8

**Table S2.12: Summative Raw Score Summary - Grade 11**

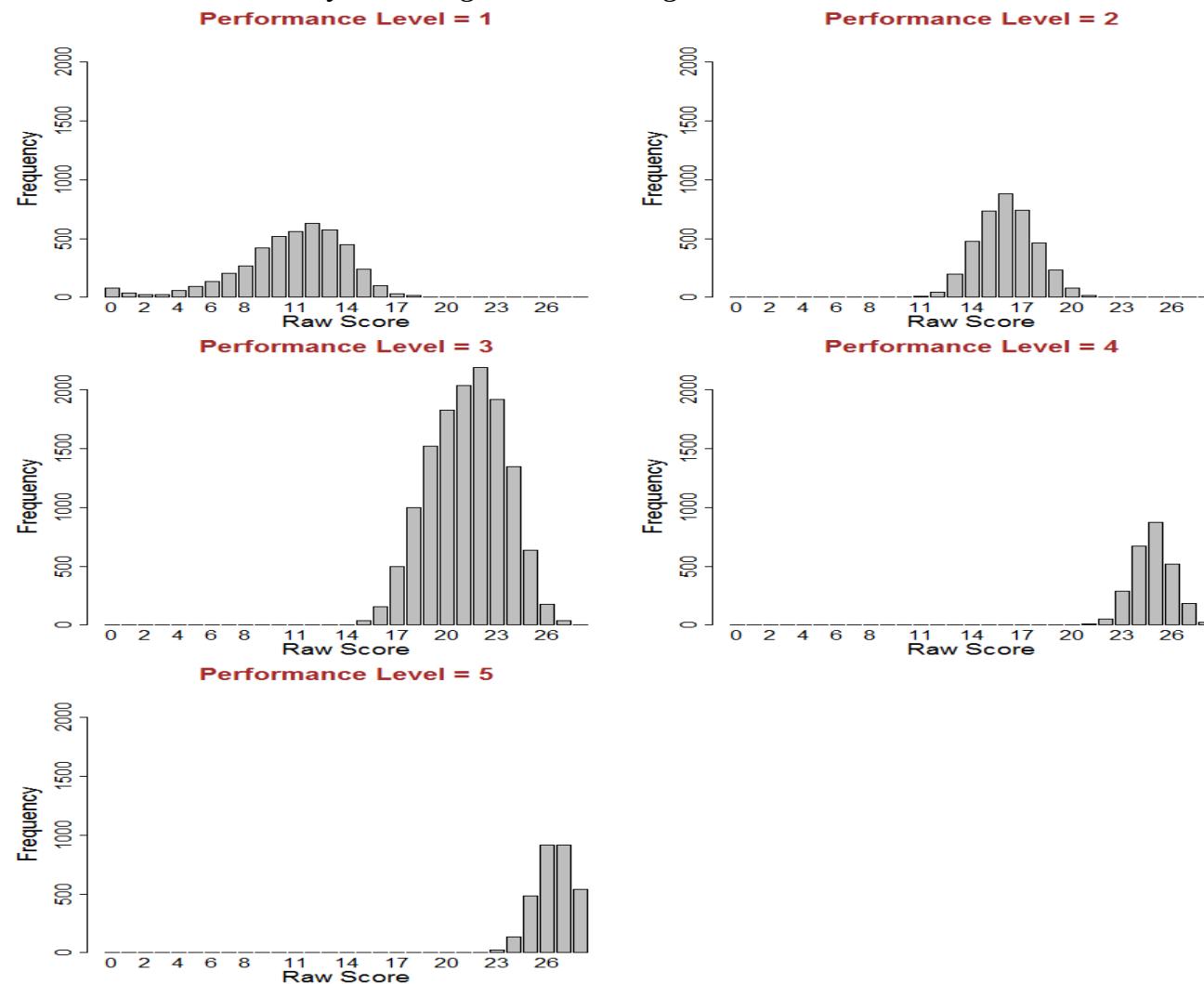
Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 1,210	0	8.2	15	2.5
	2	≥ 1,180	7	13.0	20	1.8
	3	≥ 3,030	11	19.1	26	2.5
	4	≥ 2,050	18	23.4	27	1.4
	5	≥ 2,350	21	25.4	27	1.1
Reading	1	≥ 2,300	0	10.0	18	2.6
	2	≥ 2,070	8	14.7	24	2.1
	3	≥ 3,940	13	21.4	31	3.0
	4	≥ 850	23	27.4	32	1.6
	5	≥ 630	25	30.4	35	1.8
Speaking	1	≥ 1,280	0	4.7	11	3.7
	2	≥ 1,580	8	13.6	19	1.9
	3	≥ 3,410	13	18.8	24	1.7
	4	≥ 1,650	18	21.9	25	1.0
	5	≥ 1,830	20	24.2	27	1.3
Writing	1	≥ 1,990	0	7.4	16	4.1
	2	≥ 1,760	10	14.9	19	1.7
	3	≥ 4,340	13	19.2	28	1.9
	4	≥ 990	19	22.3	26	1.1
	5	≥ 680	21	24.1	28	1.2
Overall	Emerging	≥ 1,970	0	38.3	66	11.8
	Progressing	≥ 6,790	30	78.3	105	12.7
	Proficient	≥ 930	92	100.7	114	3.6

**Table S2.13: Summative Raw Score Summary - Grade 12**

Domain	Level	N	Min	Mean	Max	SD
Listening	1	≥ 680	0	8.0	14	2.5
	2	≥ 820	7	13.0	20	1.9
	3	≥ 2,560	12	19.1	27	2.6
	4	≥ 1,710	18	23.4	27	1.4
	5	≥ 1,920	22	25.4	27	1.1
Reading	1	≥ 1,460	0	9.9	16	2.6
	2	≥ 1,710	8	14.7	22	2.2
	3	≥ 3,250	12	21.5	31	3.0
	4	≥ 700	22	27.4	32	1.6
	5	≥ 520	26	30.4	35	1.8
Speaking	1	≥ 810	0	4.0	13	3.8
	2	≥ 1,110	8	13.6	18	1.9
	3	≥ 2,760	13	18.9	24	1.7
	4	≥ 1,420	18	21.9	25	1.0
	5	≥ 1,490	20	24.3	27	1.3
Writing	1	≥ 1,210	0	7.8	15	4.1
	2	≥ 1,520	9	14.8	20	1.7
	3	≥ 3,620	13	19.3	25	1.9
	4	≥ 750	19	22.3	26	1.1
	5	≥ 510	20	24.1	28	1.3
Overall	Emerging	≥ 1,160	0	39.3	62	12.1
	Progressing	≥ 5,620	27	78.4	106	12.8
	Proficient	≥ 740	92	100.5	115	3.8

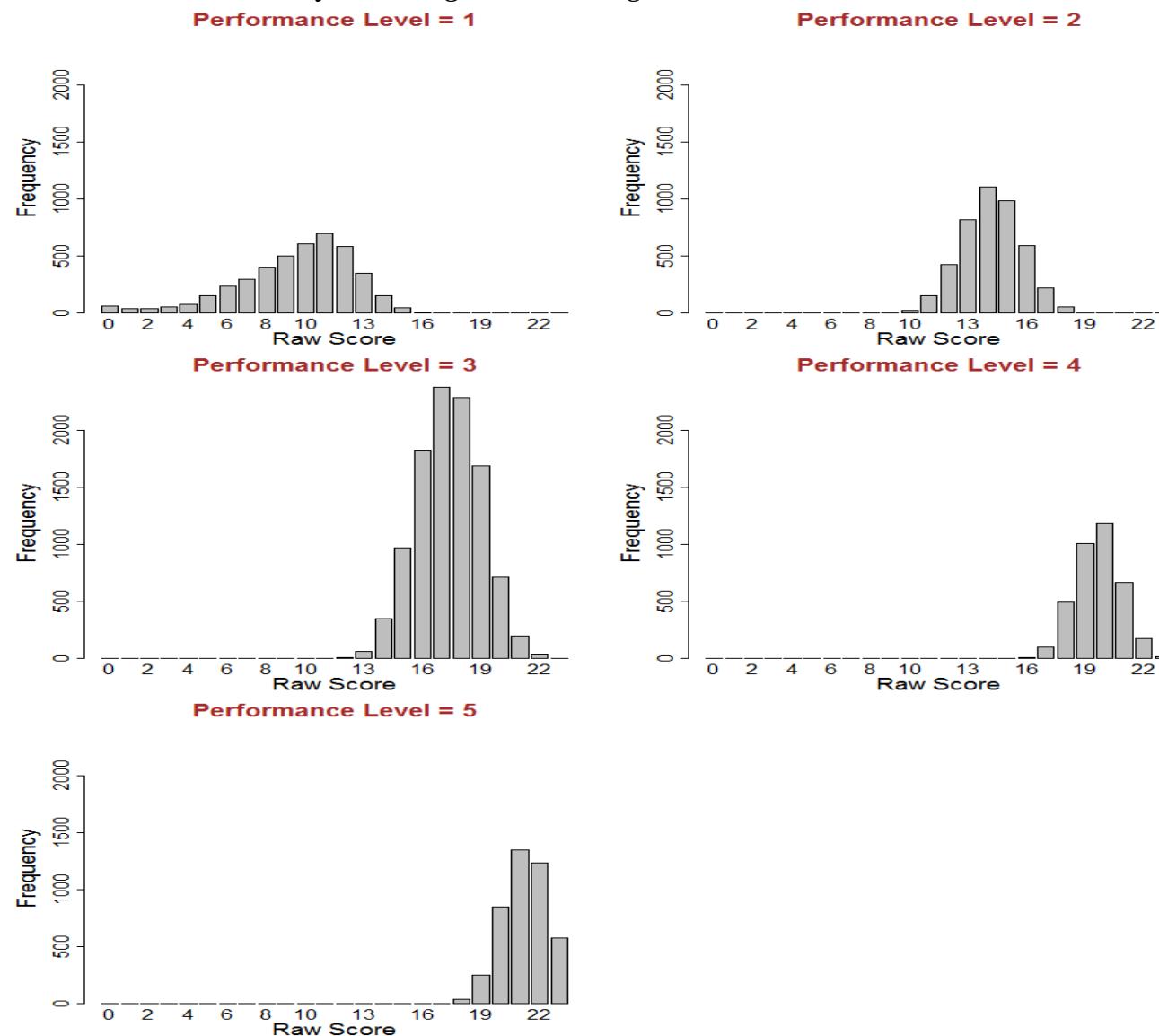
## **Section 3: Summative Assessment - Raw Score Distributions**

**Figure S3.1: Summative Raw Score Summary - Kindergarten Listening<sup>1</sup>**

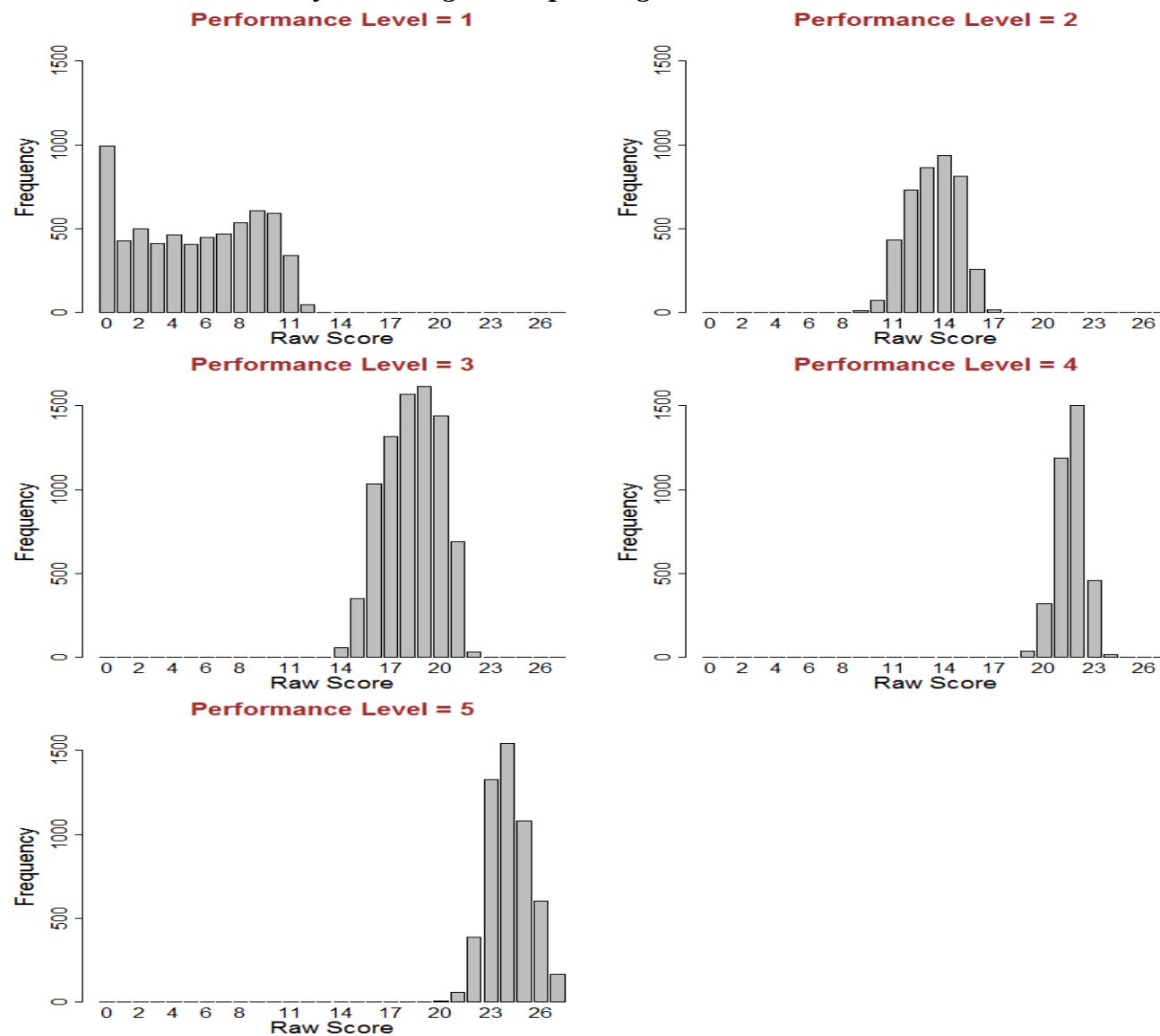


Note 1. For L, R, S, and W domains, we set increment of the sequence = 1, and bins start at given sequence (i.e., 0, 1, 2, 3...); for Overall, we set increment of the sequence = 5, and bins start at given sequence (i.e., 0, 5, 10...).

**Figure S3.2: Summative Raw Score Summary - Kindergarten Reading**



**Figure S3.3: Summative Raw Score Summary - Kindergarten Speaking**



**Figure S3.4: Summative Raw Score Summary - Kindergarten Writing**

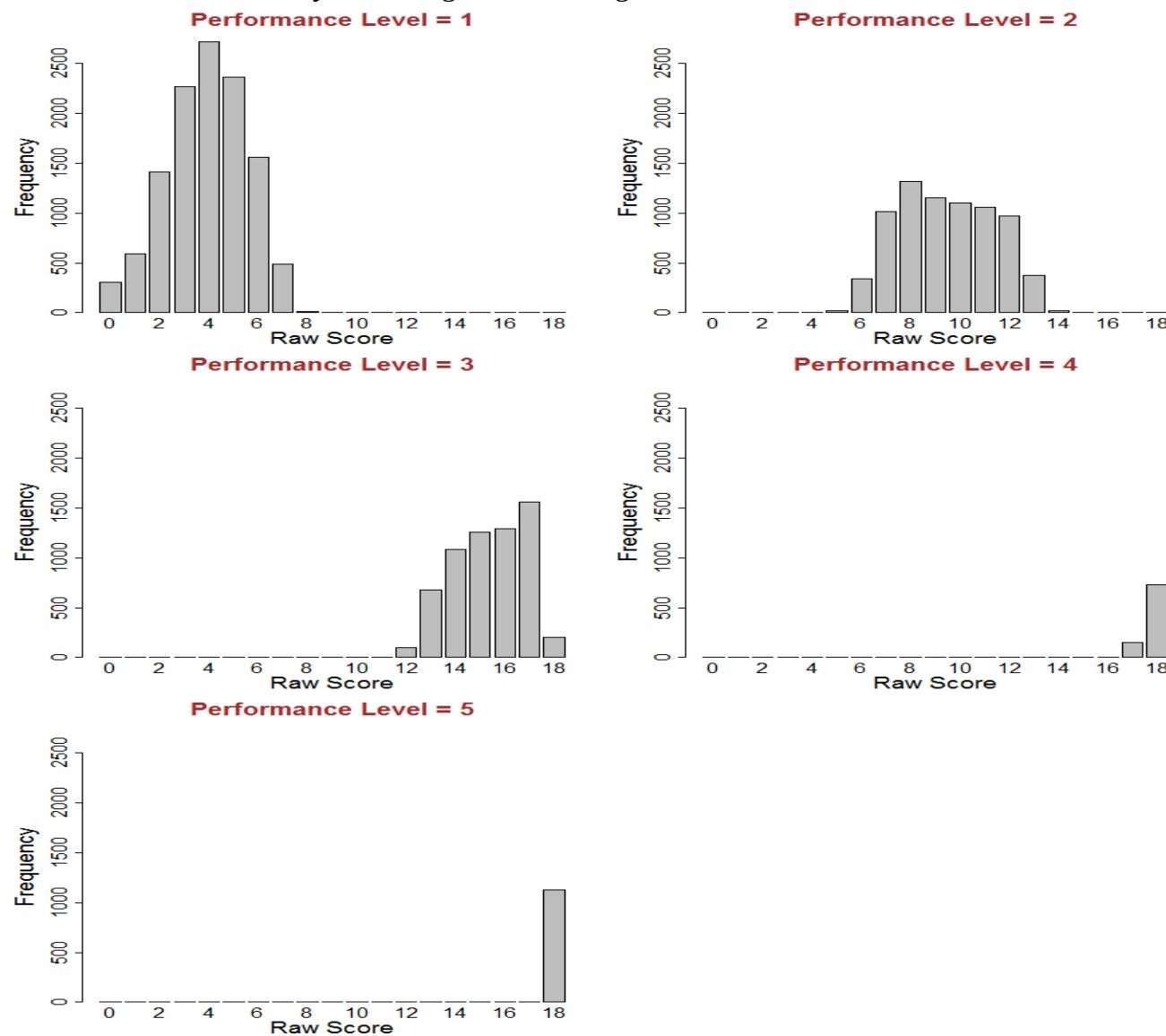
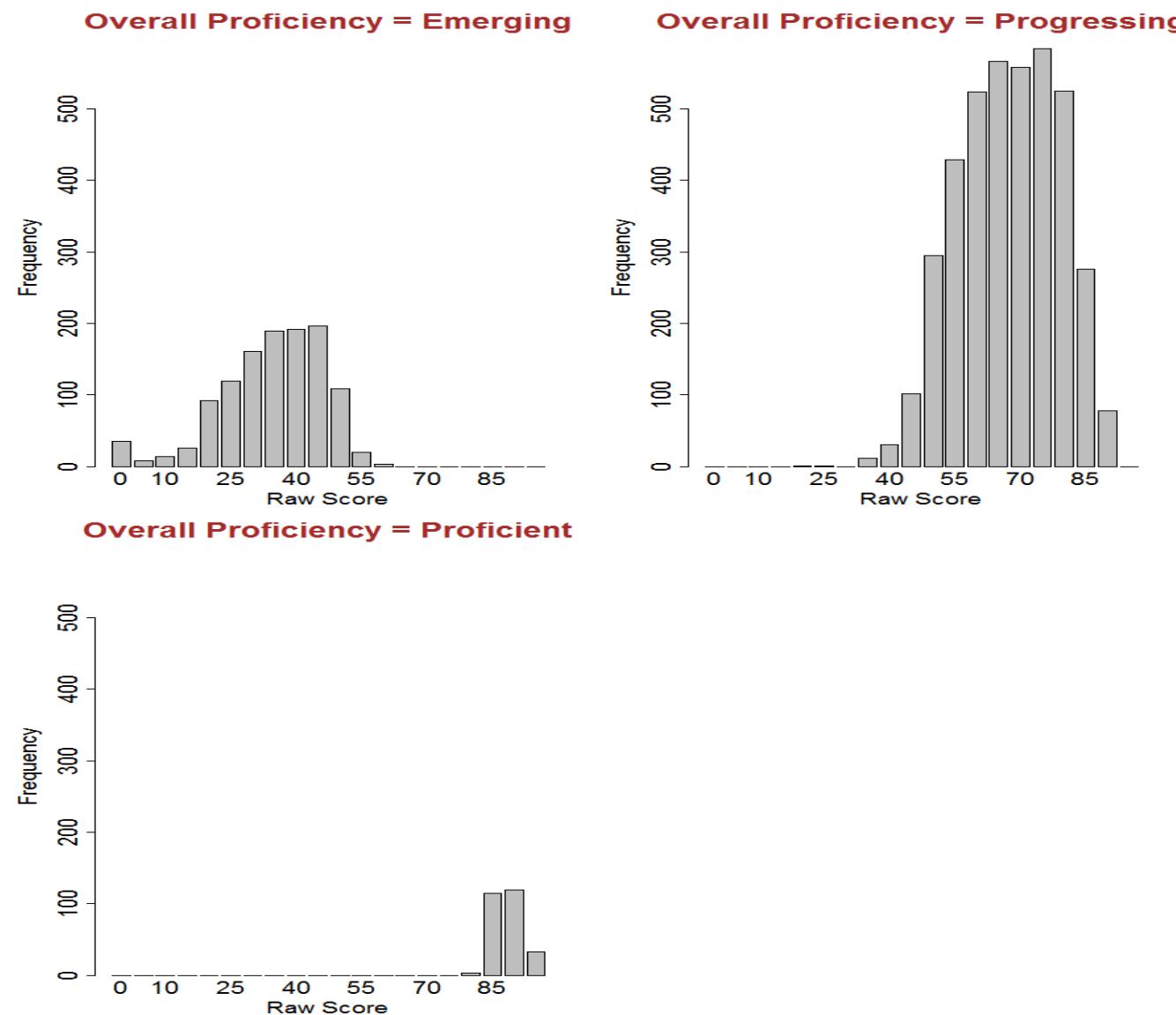
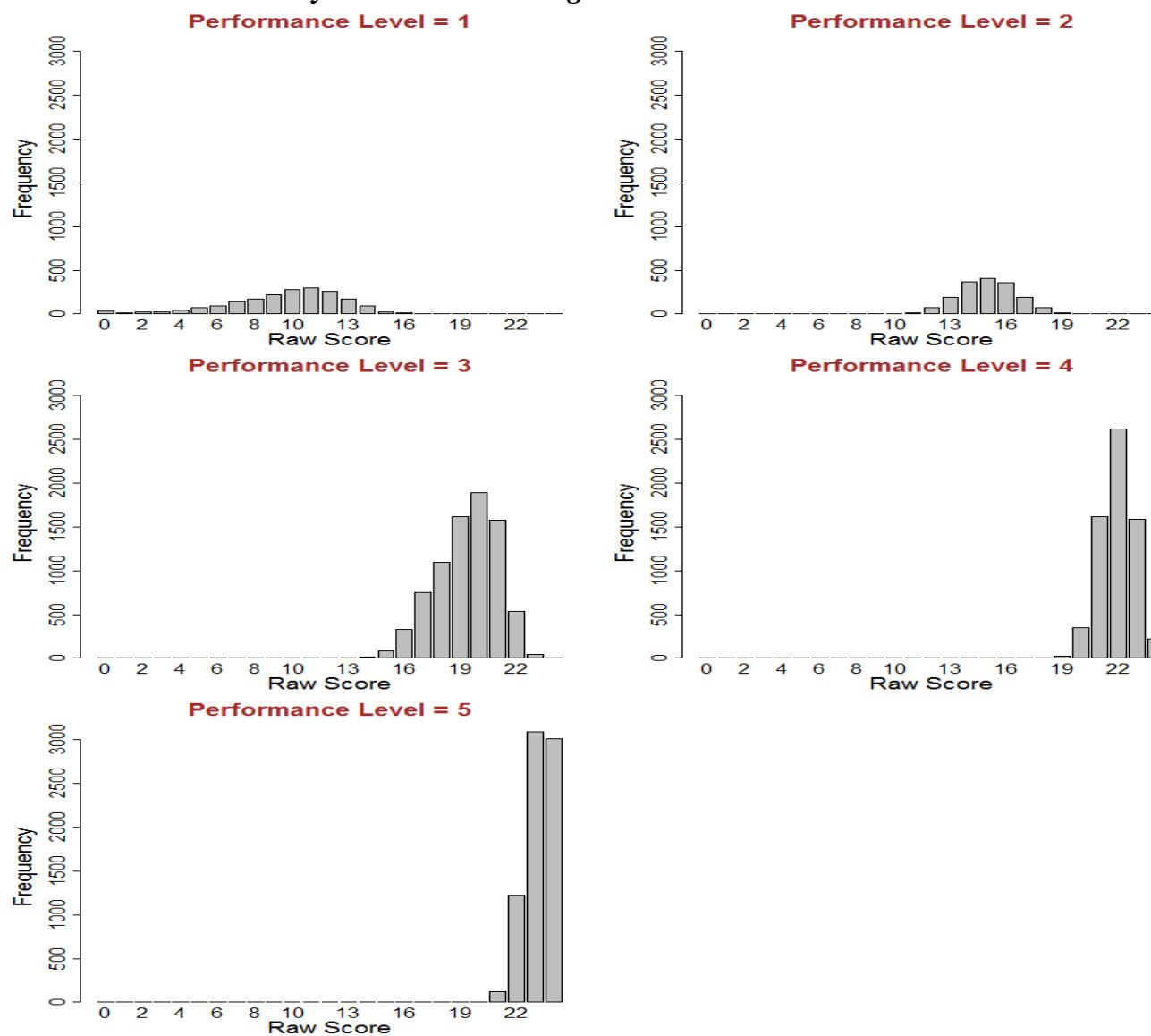
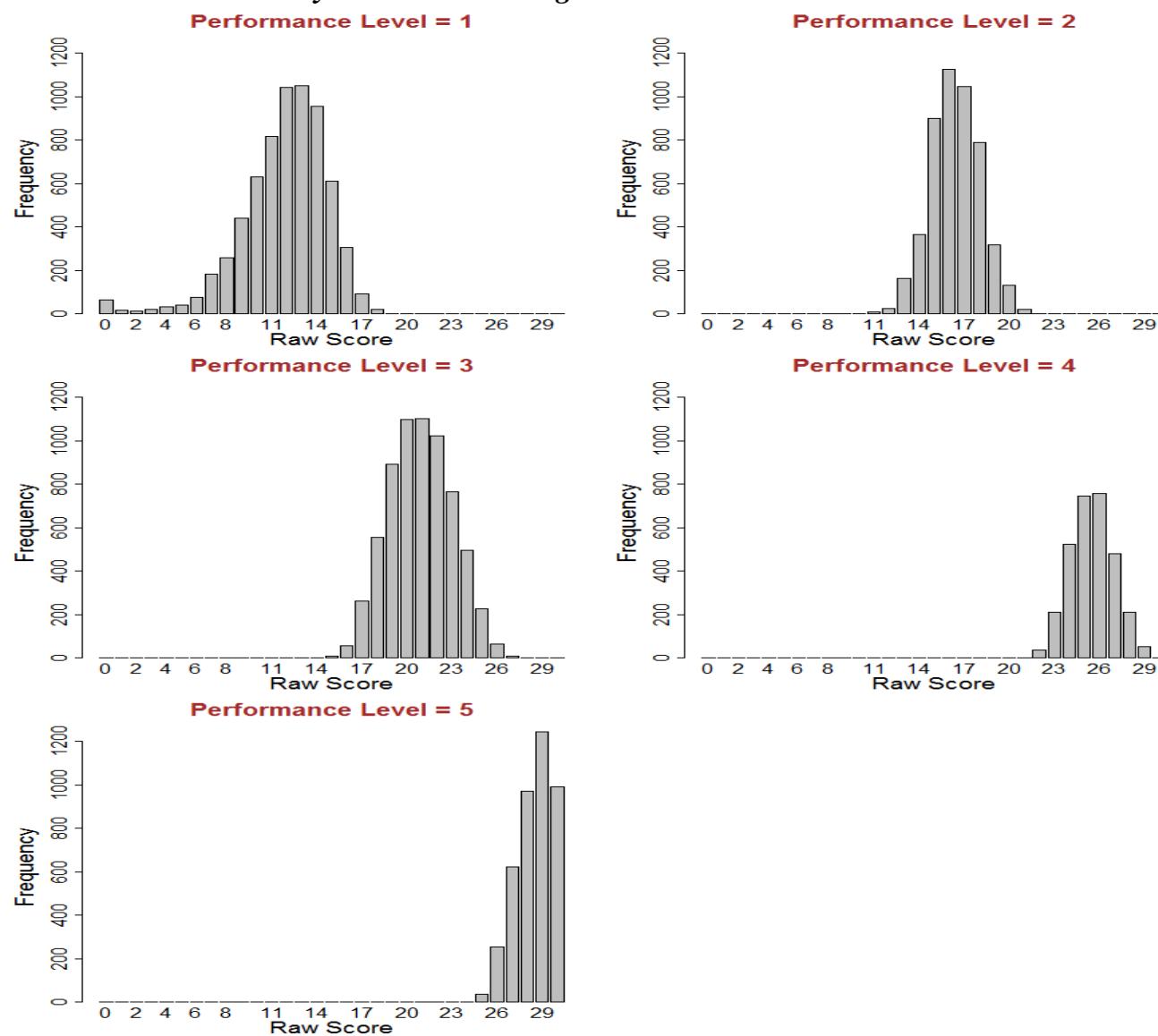


Figure S3.5: Summative Raw Score Summary - Kindergarten Overall

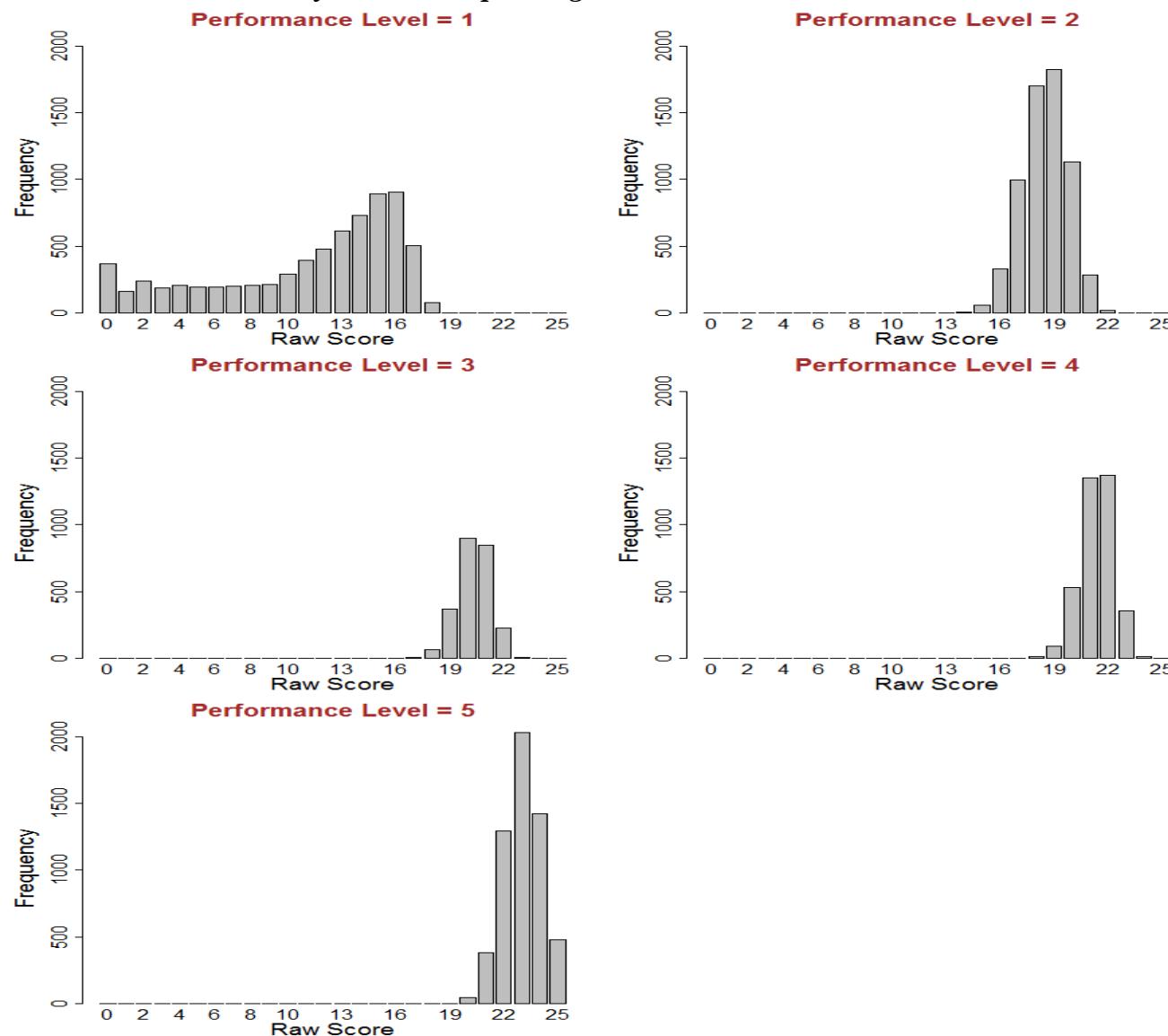


**Figure S3.6: Summative Raw Score Summary - Grade 1 Listening**

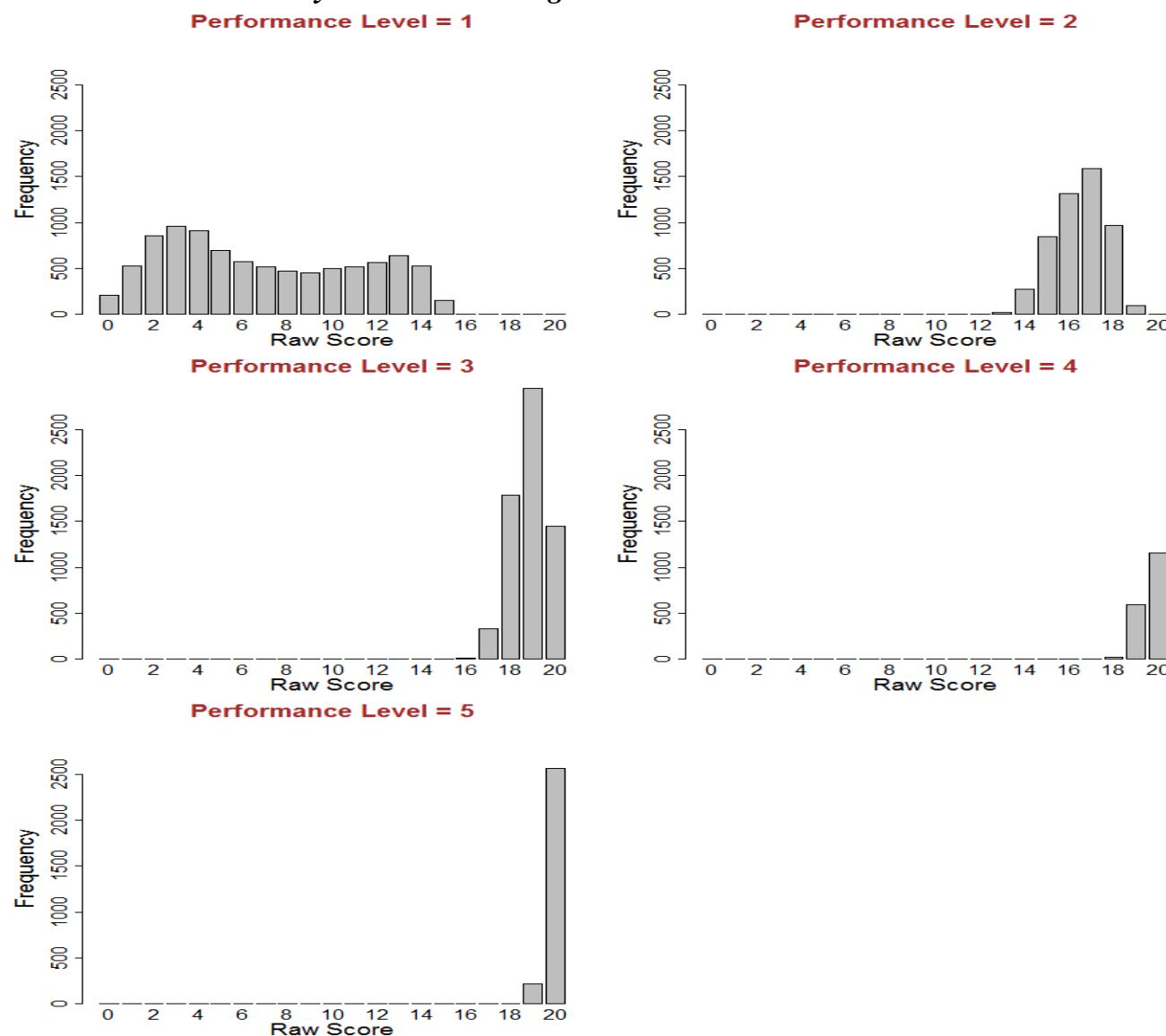


**Figure S3.7: Summative Raw Score Summary - Grade 1 Reading**

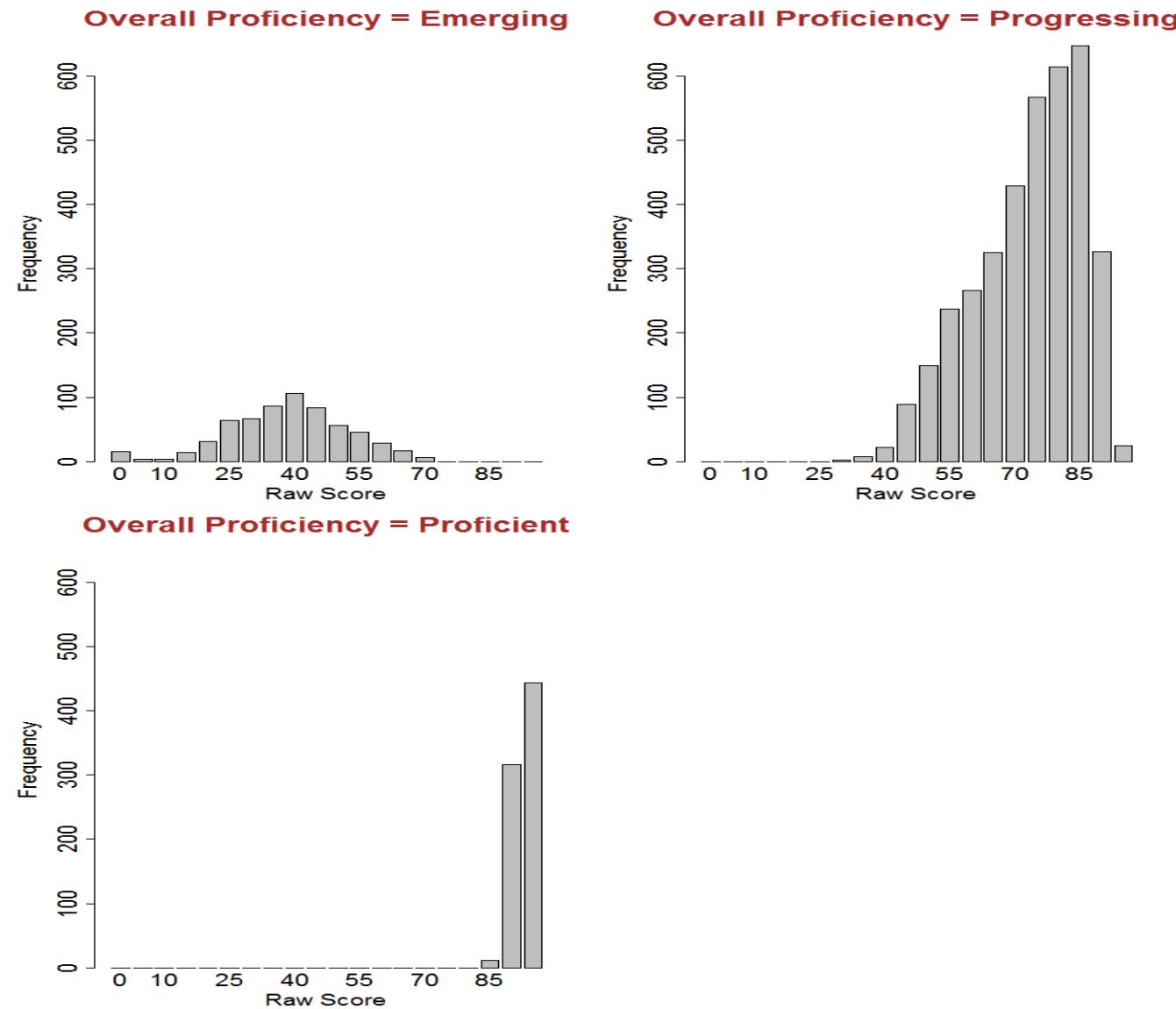
**Figure S3.8: Summative Raw Score Summary - Grade 1 Speaking**



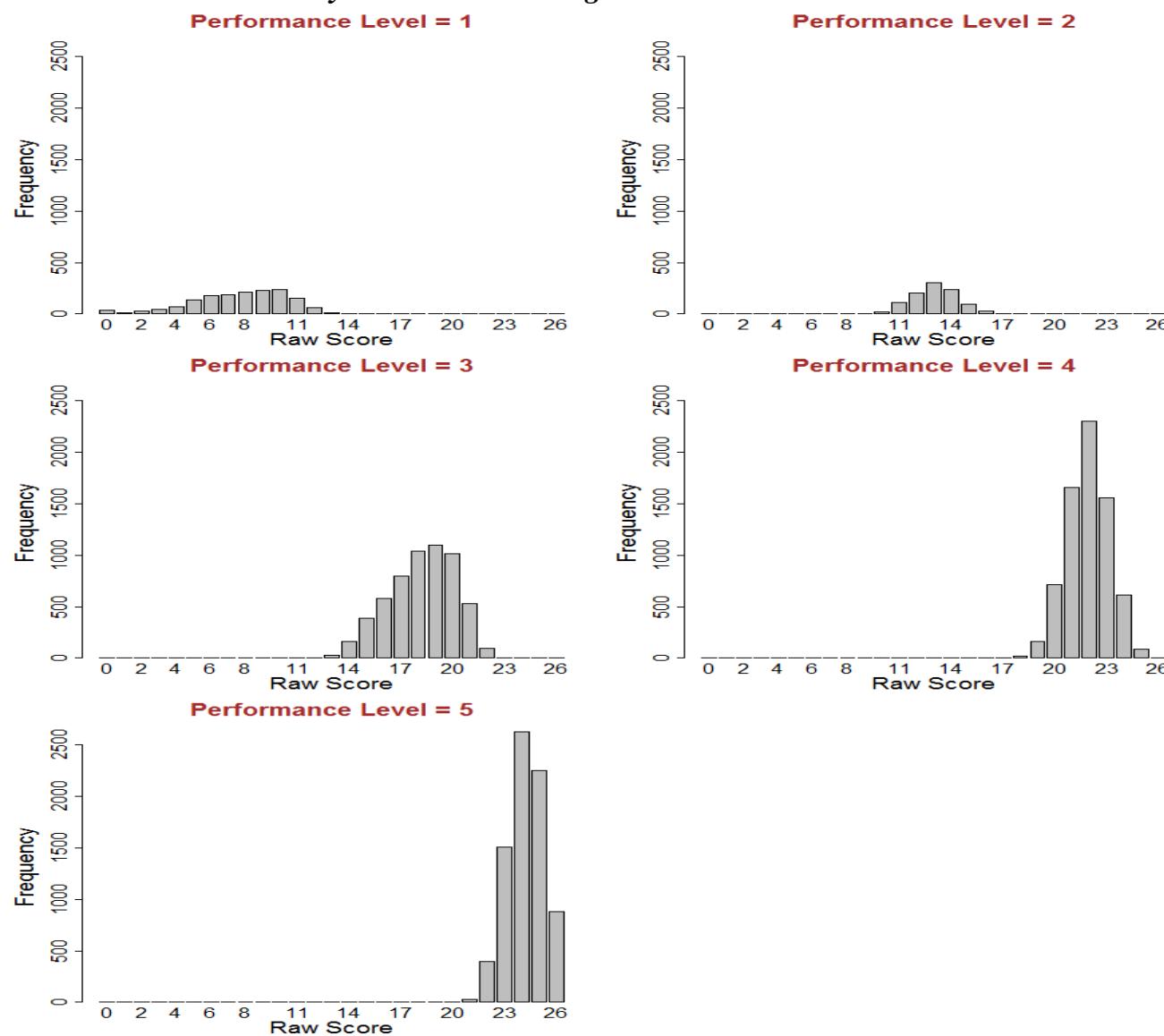
**Figure S3.9: Summative Raw Score Summary - Grade 1 Writing**

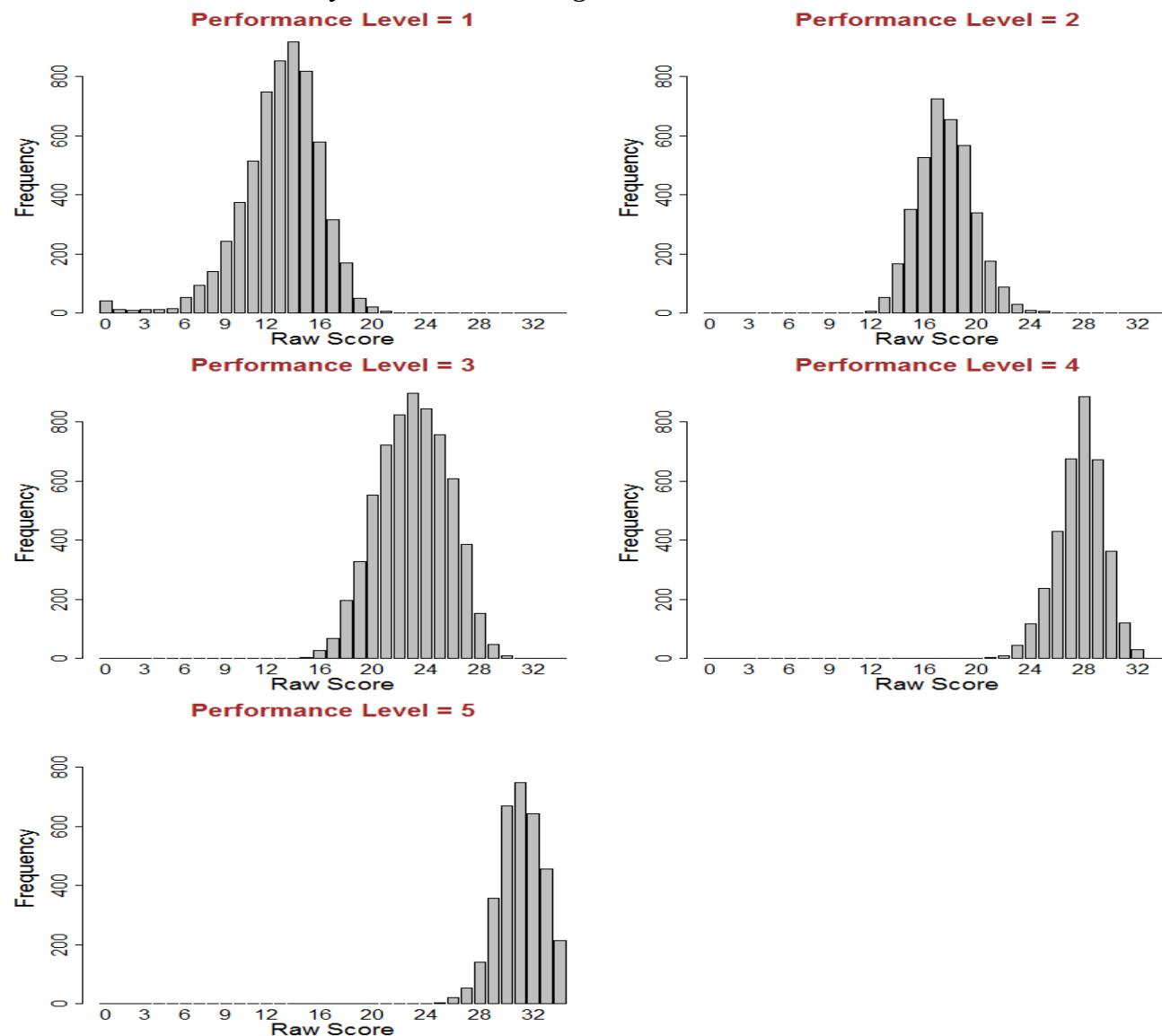


**Figure S3.10: Summative Raw Score Summary - Grade 1 Overall**

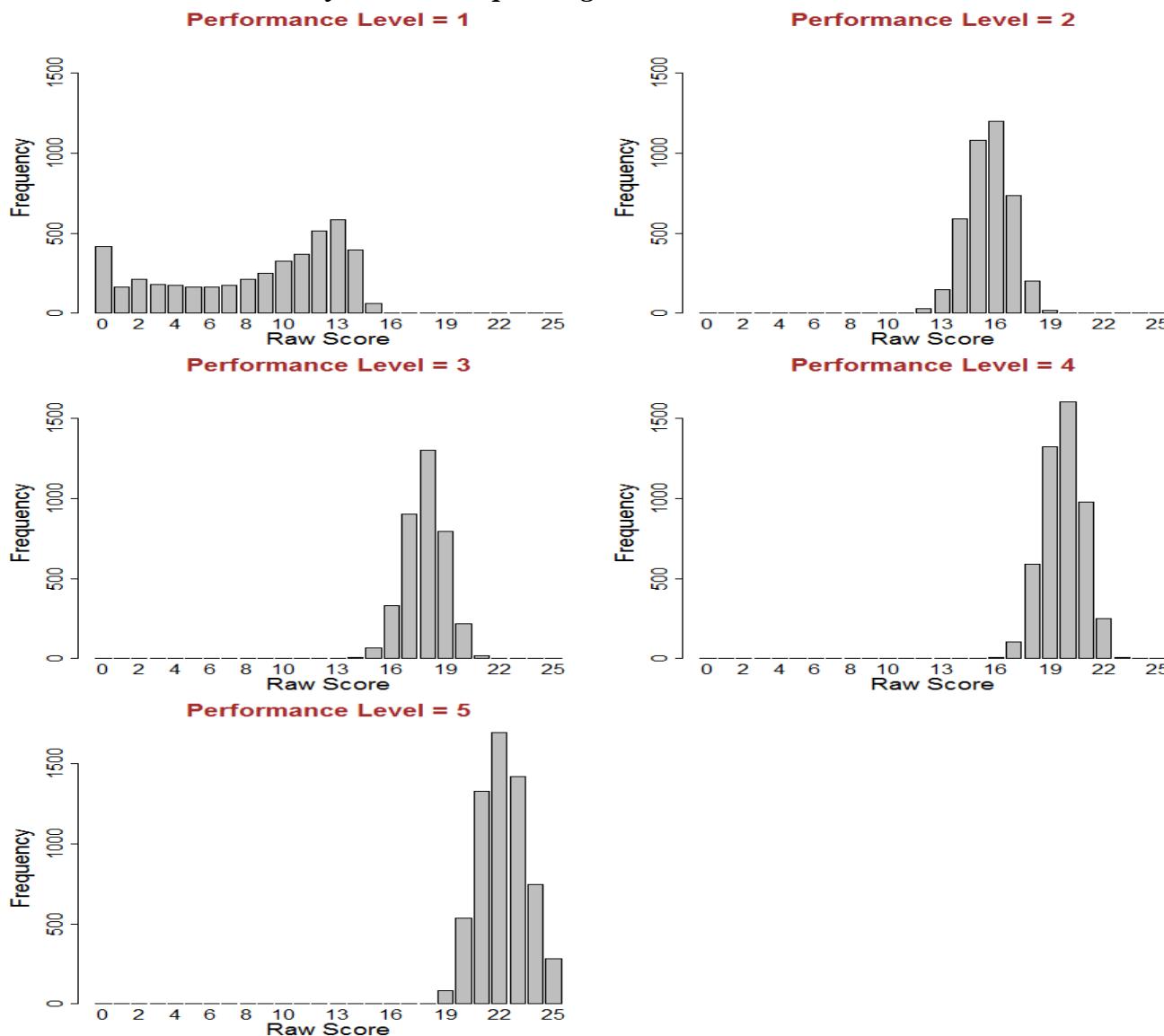


**Figure S3.11: Summative Raw Score Summary - Grade 2 Listening**



**Figure S3.12: Summative Raw Score Summary - Grade 2 Reading**

**Figure S3.13: Summative Raw Score Summary - Grade 2 Speaking**



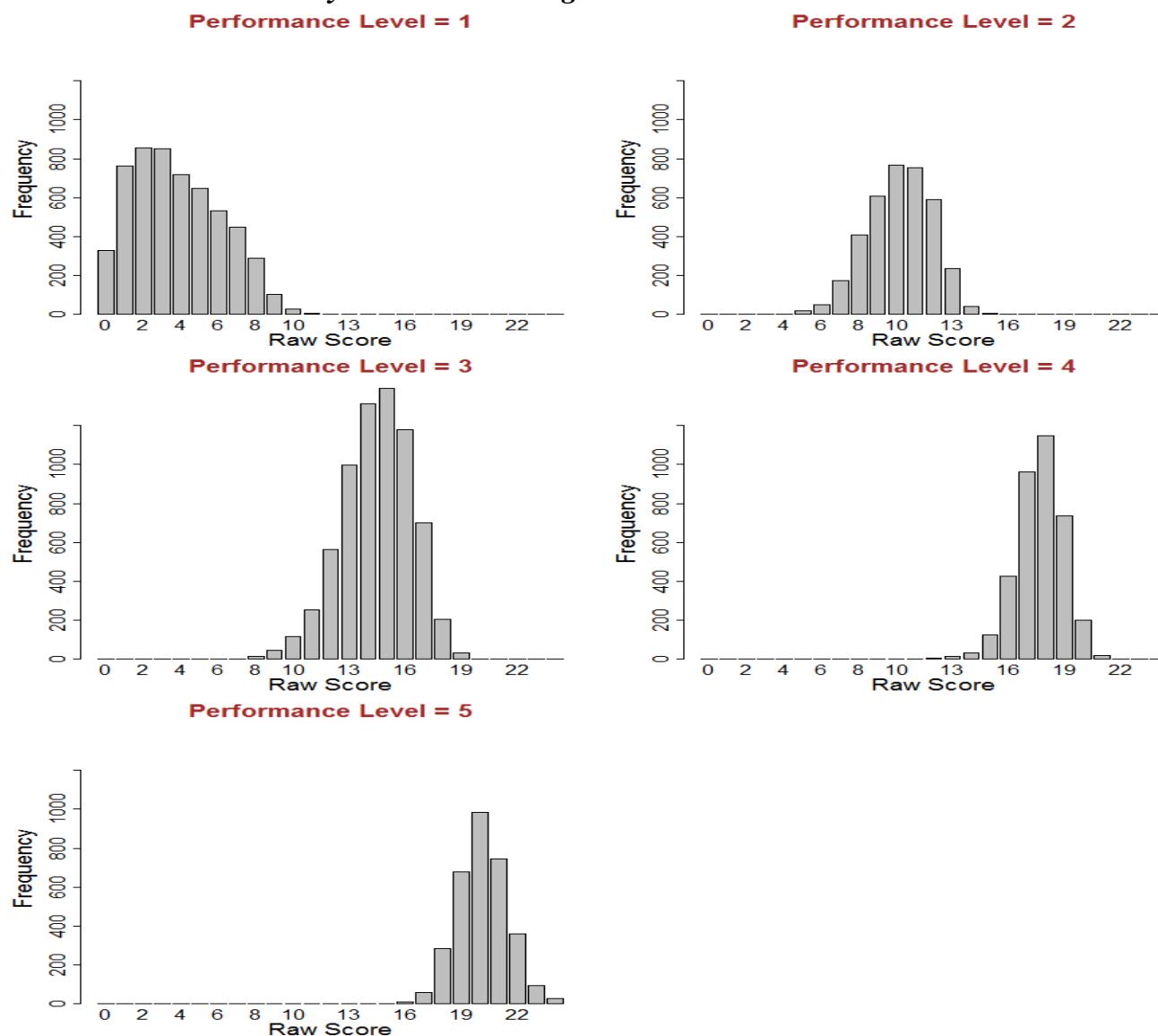
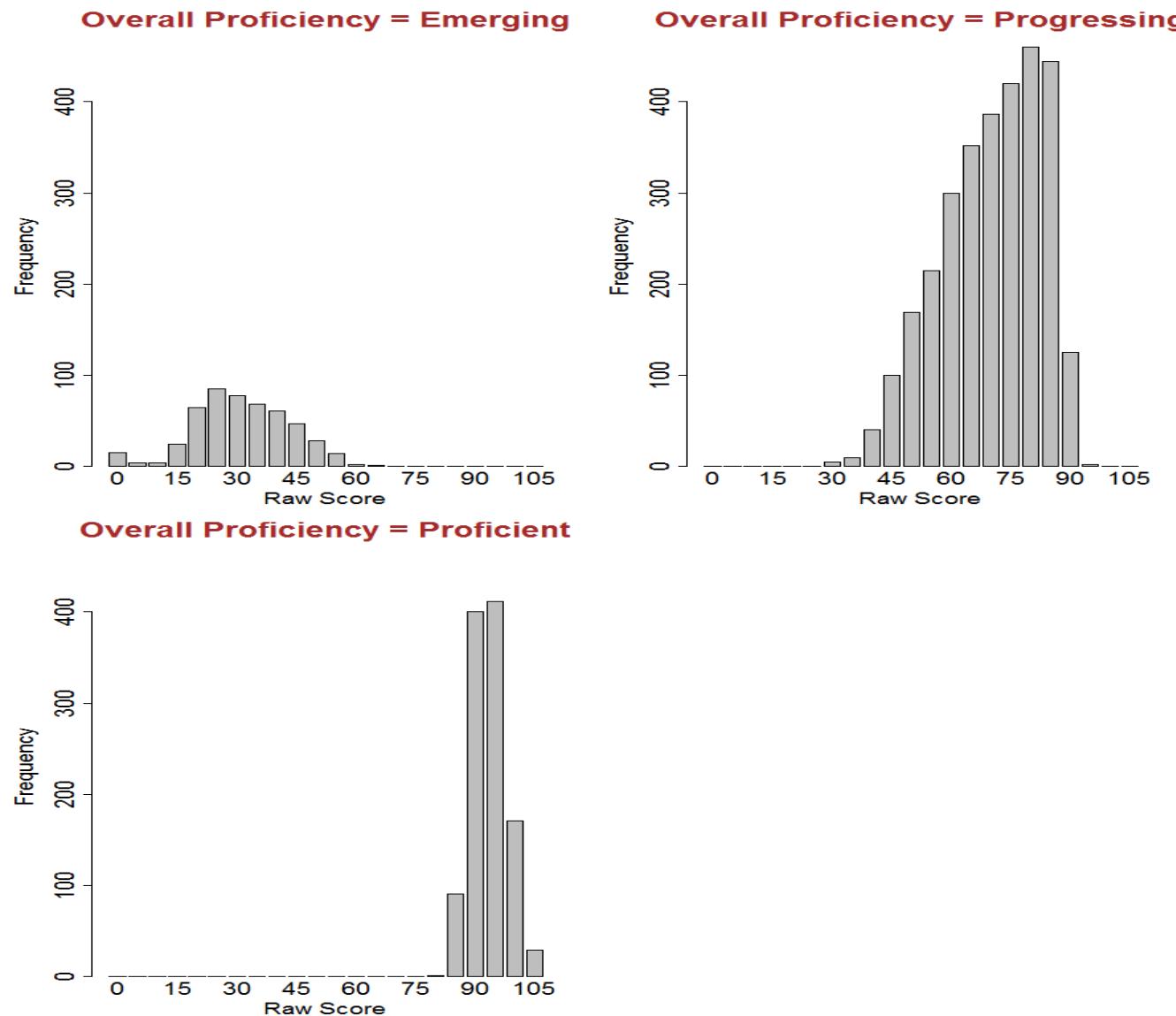
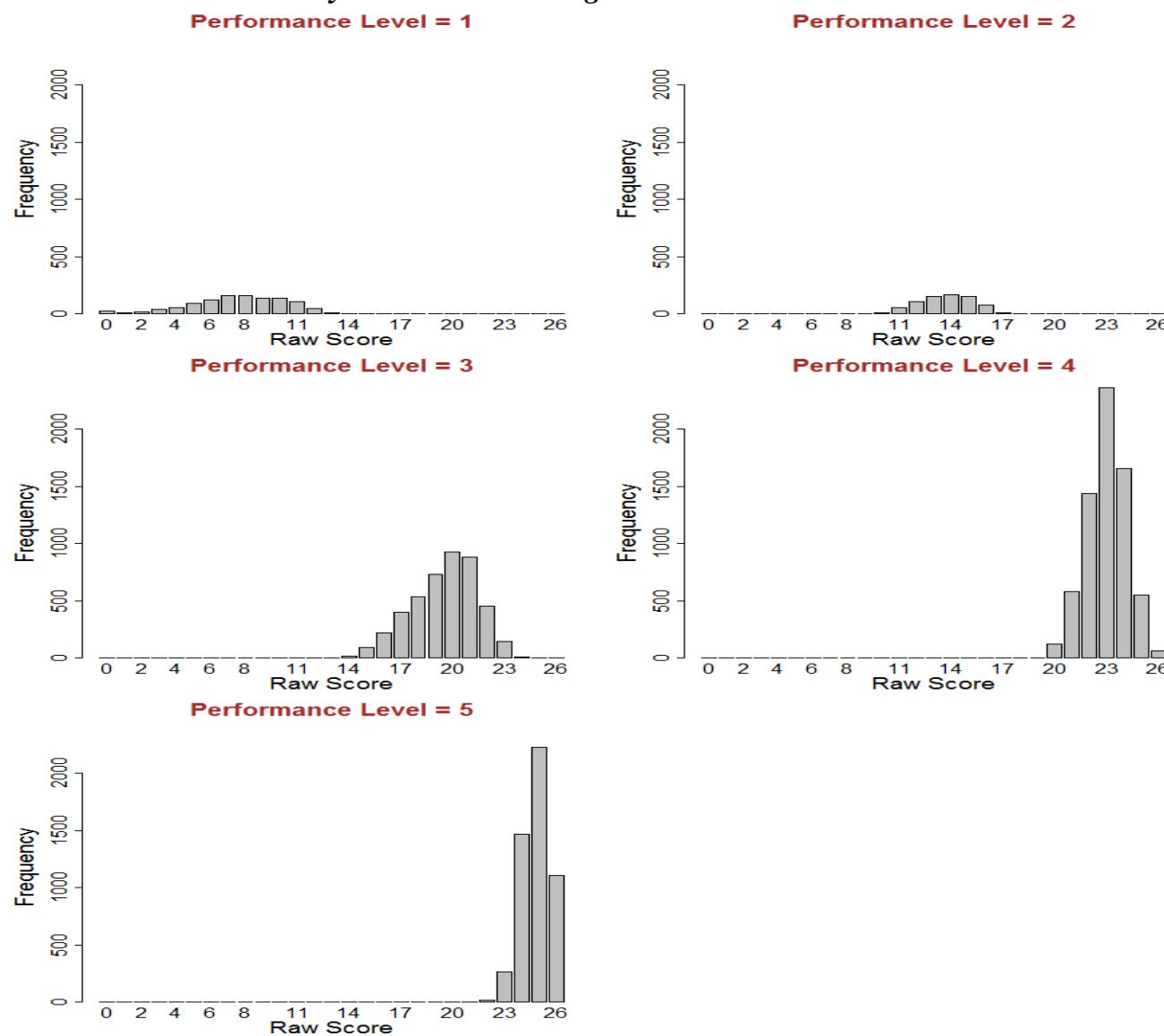
**Figure S3.14: Summative Raw Score Summary - Grade 2 Writing**

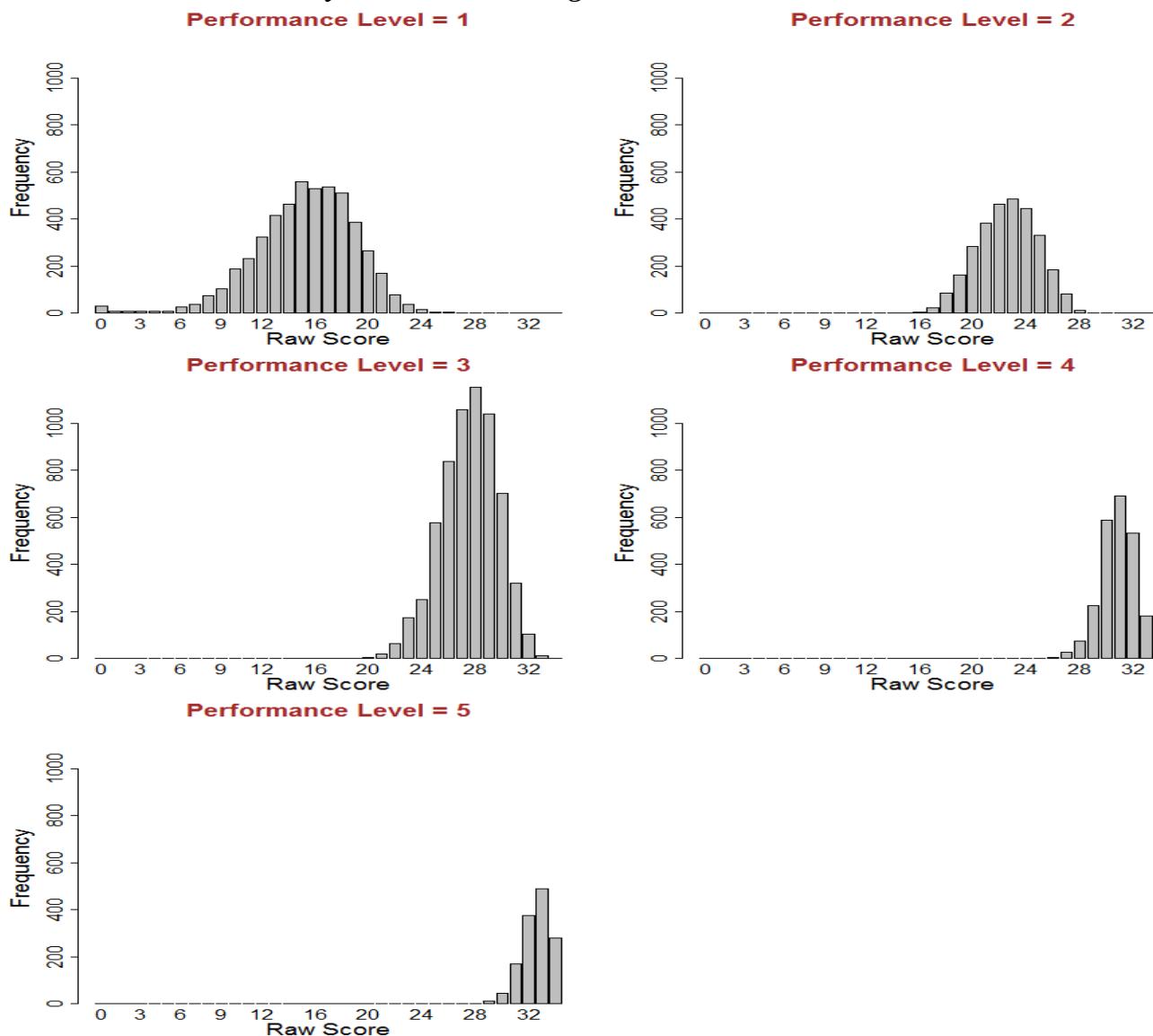
Figure S3.15: Summative Raw Score Summary - Grade 2 Overall



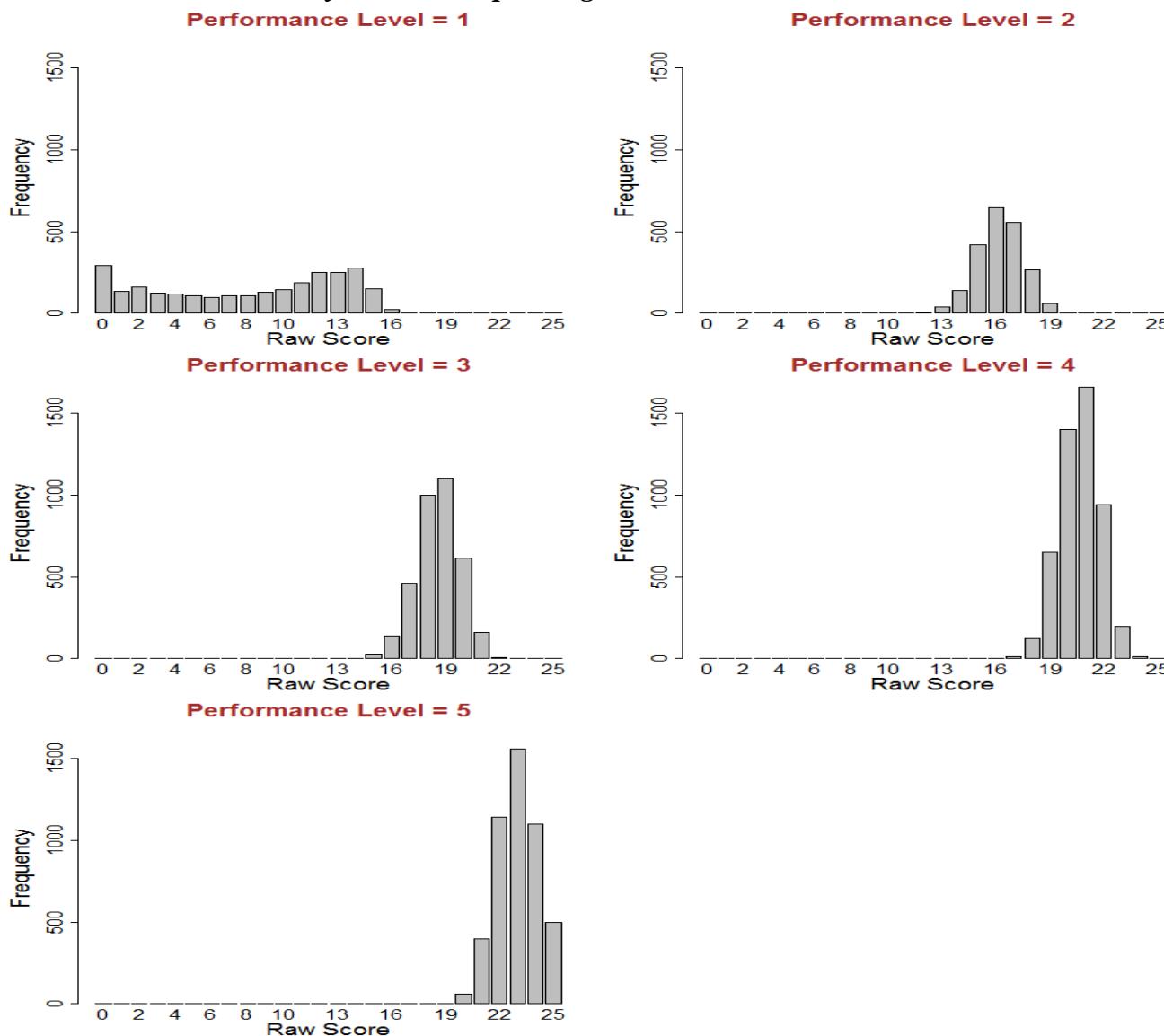
**Figure S3.16: Summative Raw Score Summary - Grade 3 Listening**



**Figure S3.17: Summative Raw Score Summary - Grade 3 Reading**



**Figure S3.18: Summative Raw Score Summary - Grade 3 Speaking**



**Figure S3.19: Summative Raw Score Summary - Grade 3 Writing**

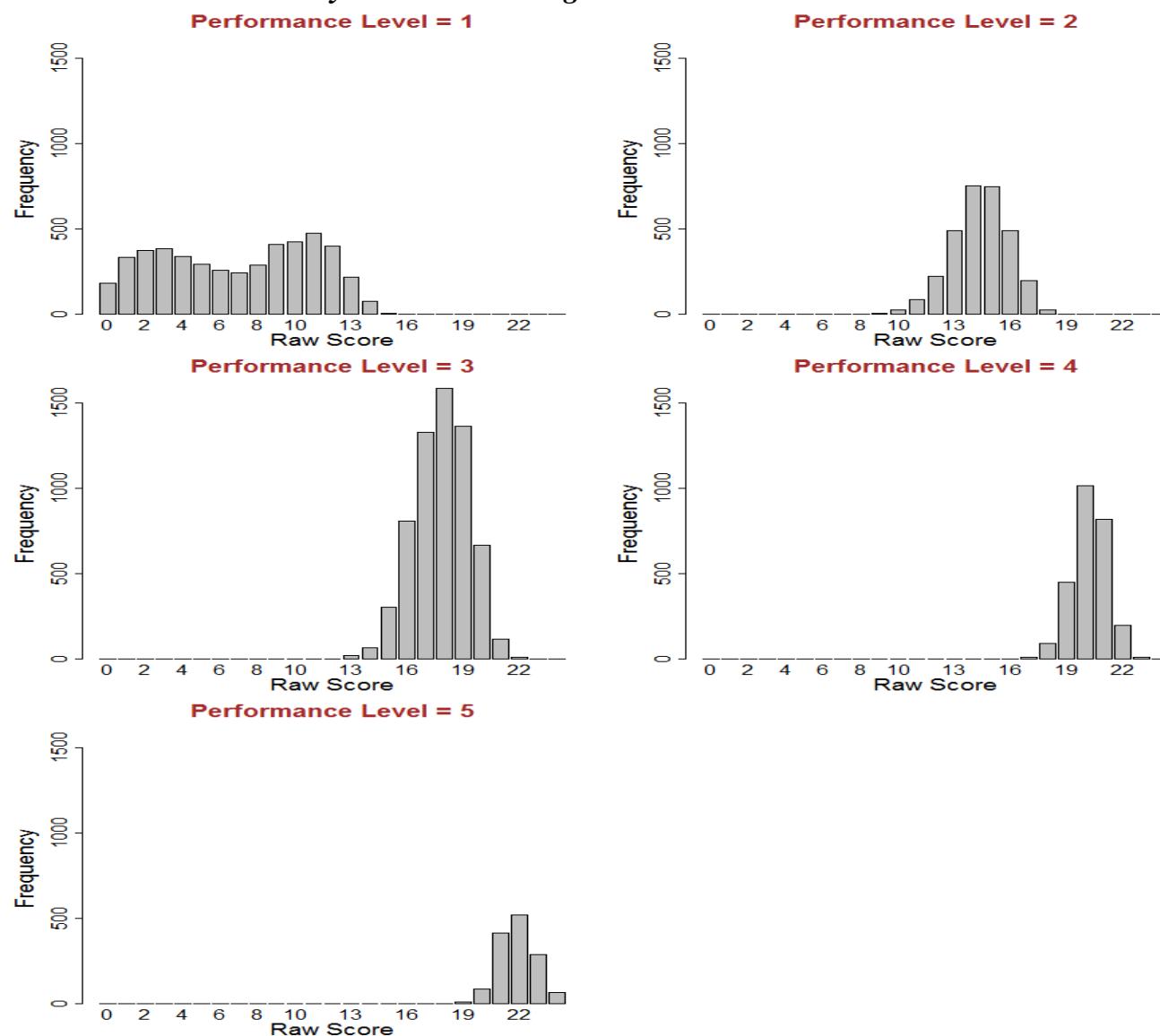
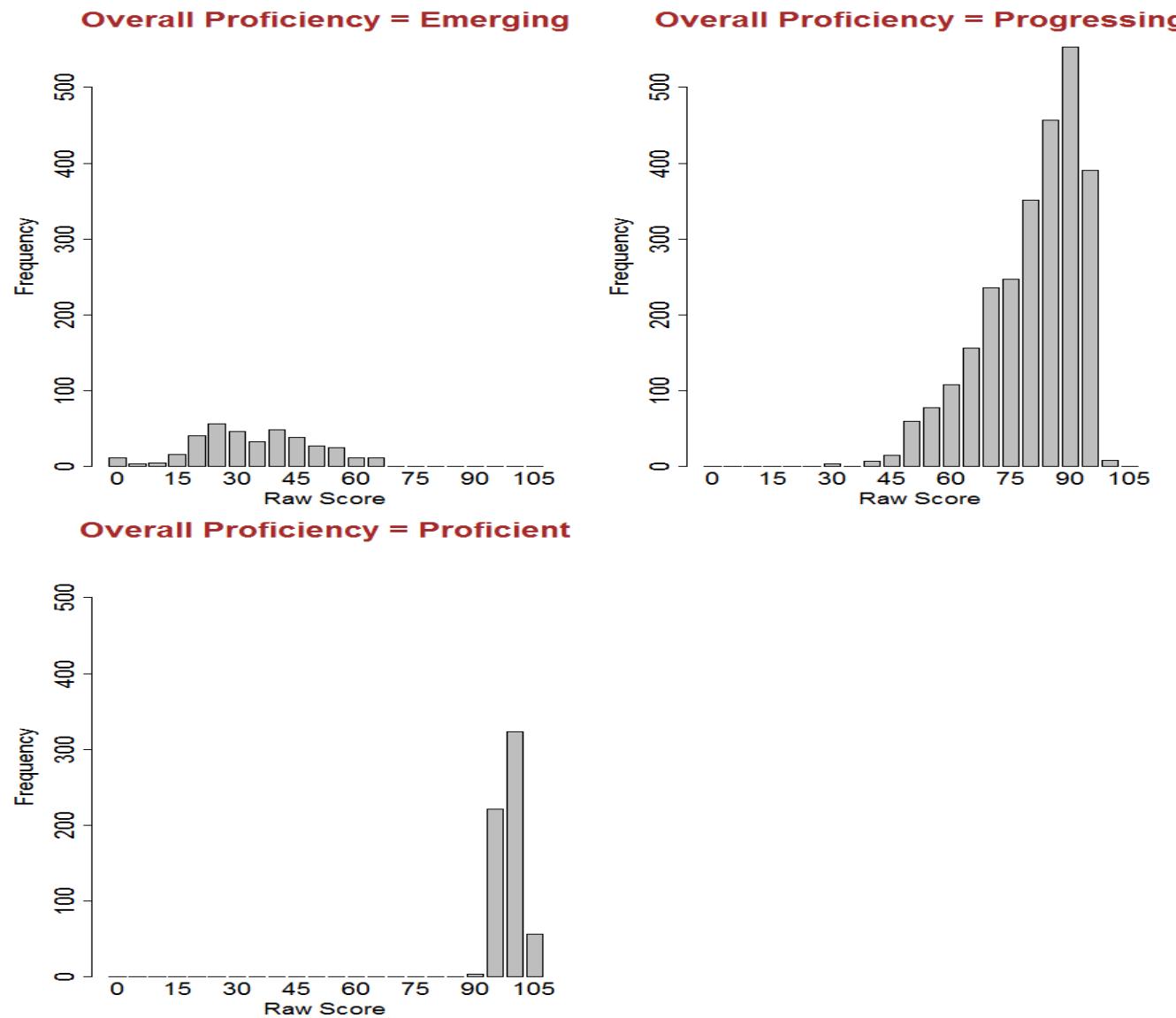
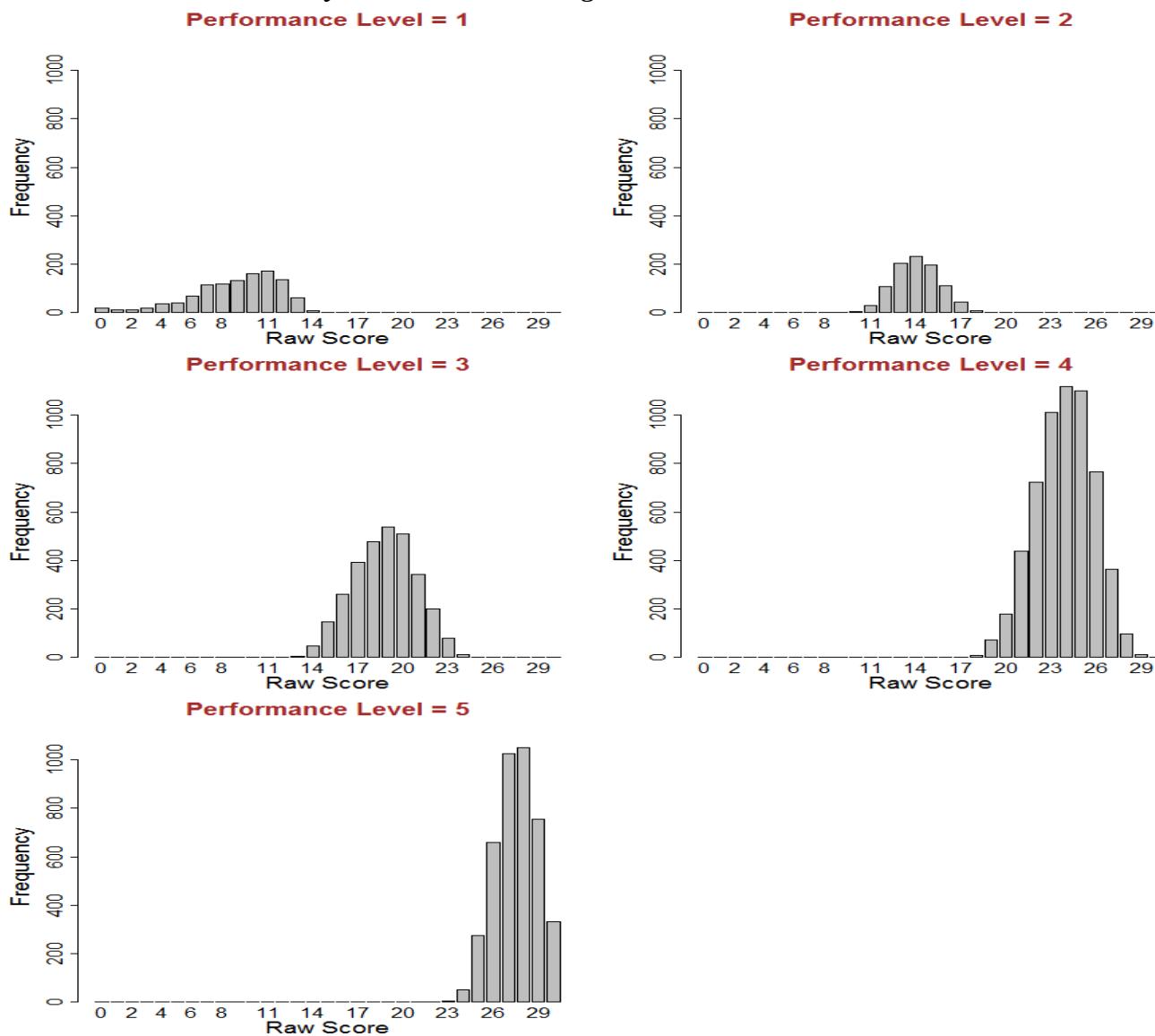


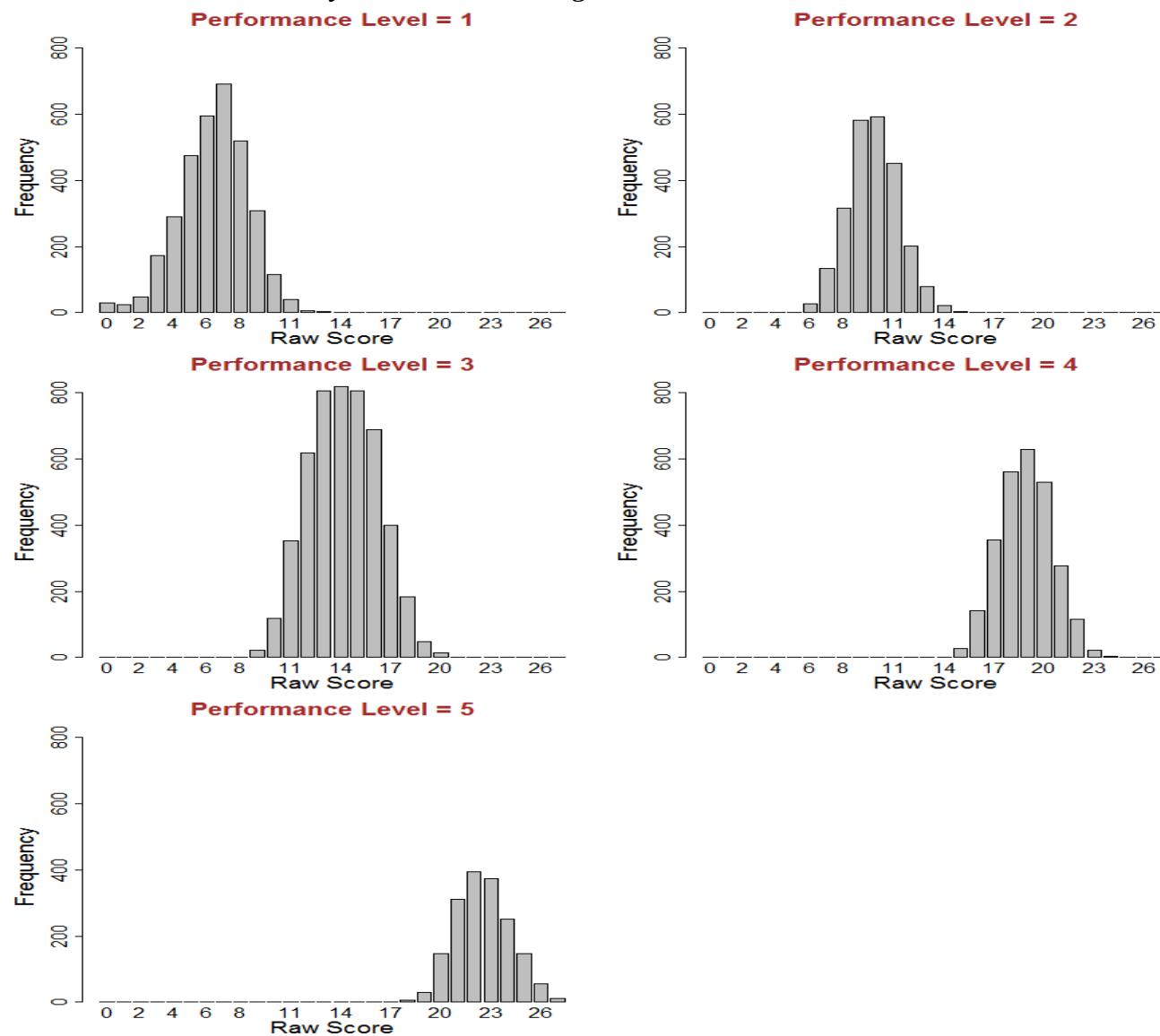
Figure S3.20: Summative Raw Score Summary - Grade 3 Overall



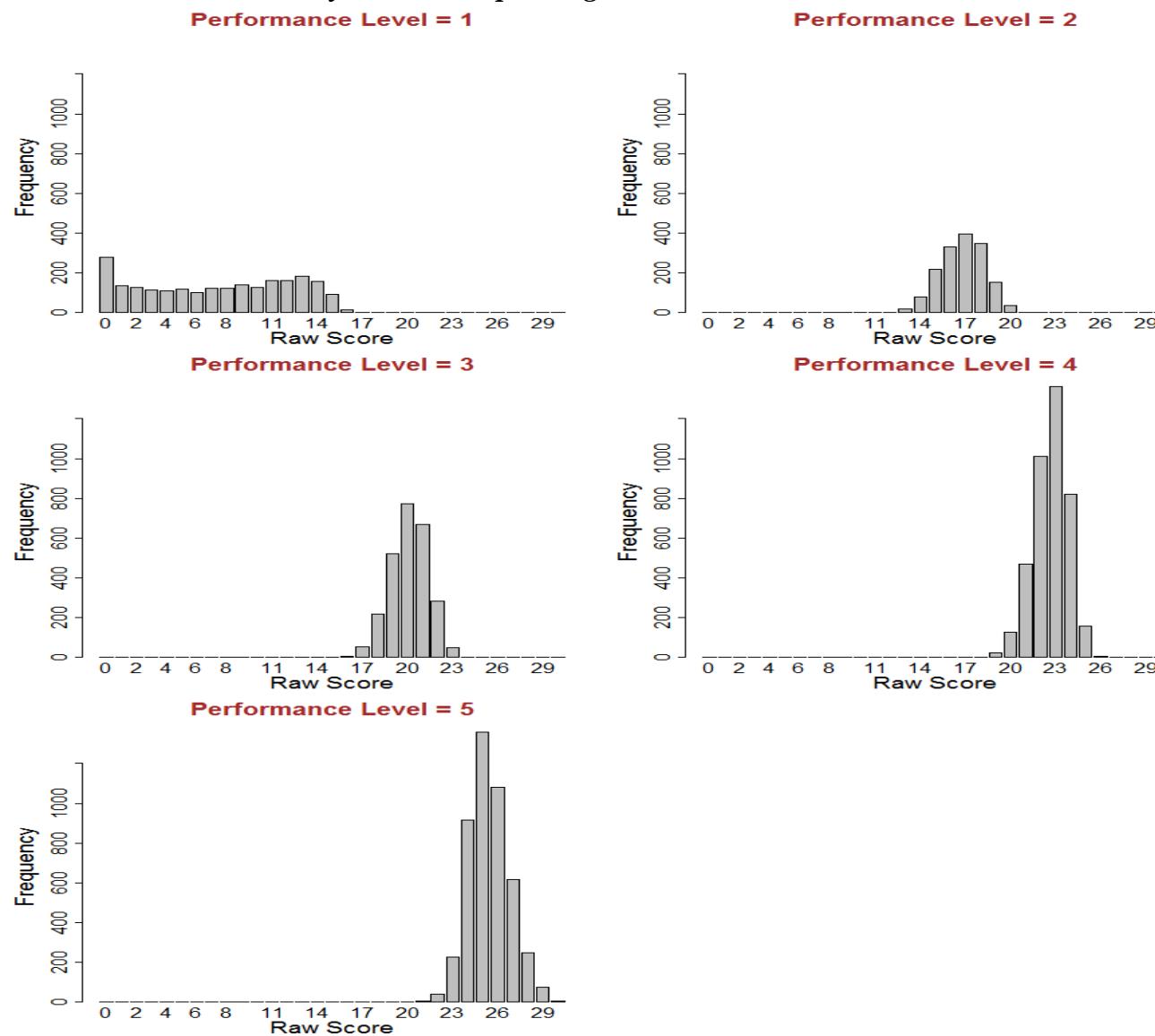
**Figure S3.21: Summative Raw Score Summary - Grade 4 Listening**



**Figure S3.22: Summative Raw Score Summary - Grade 4 Reading**



**Figure S3.23: Summative Raw Score Summary - Grade 4 Speaking**



**Figure S3.24: Summative Raw Score Summary - Grade 4 Writing**

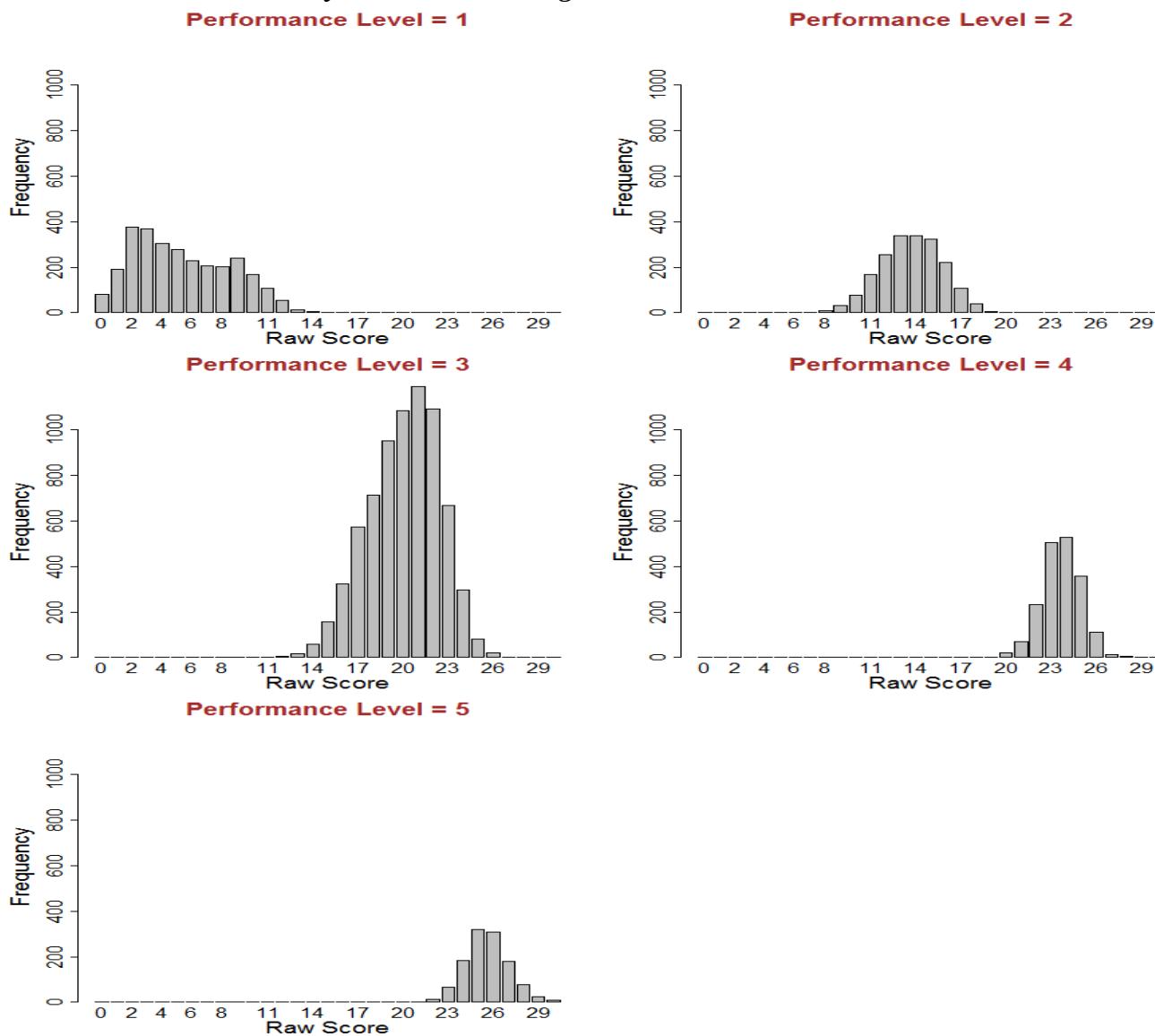
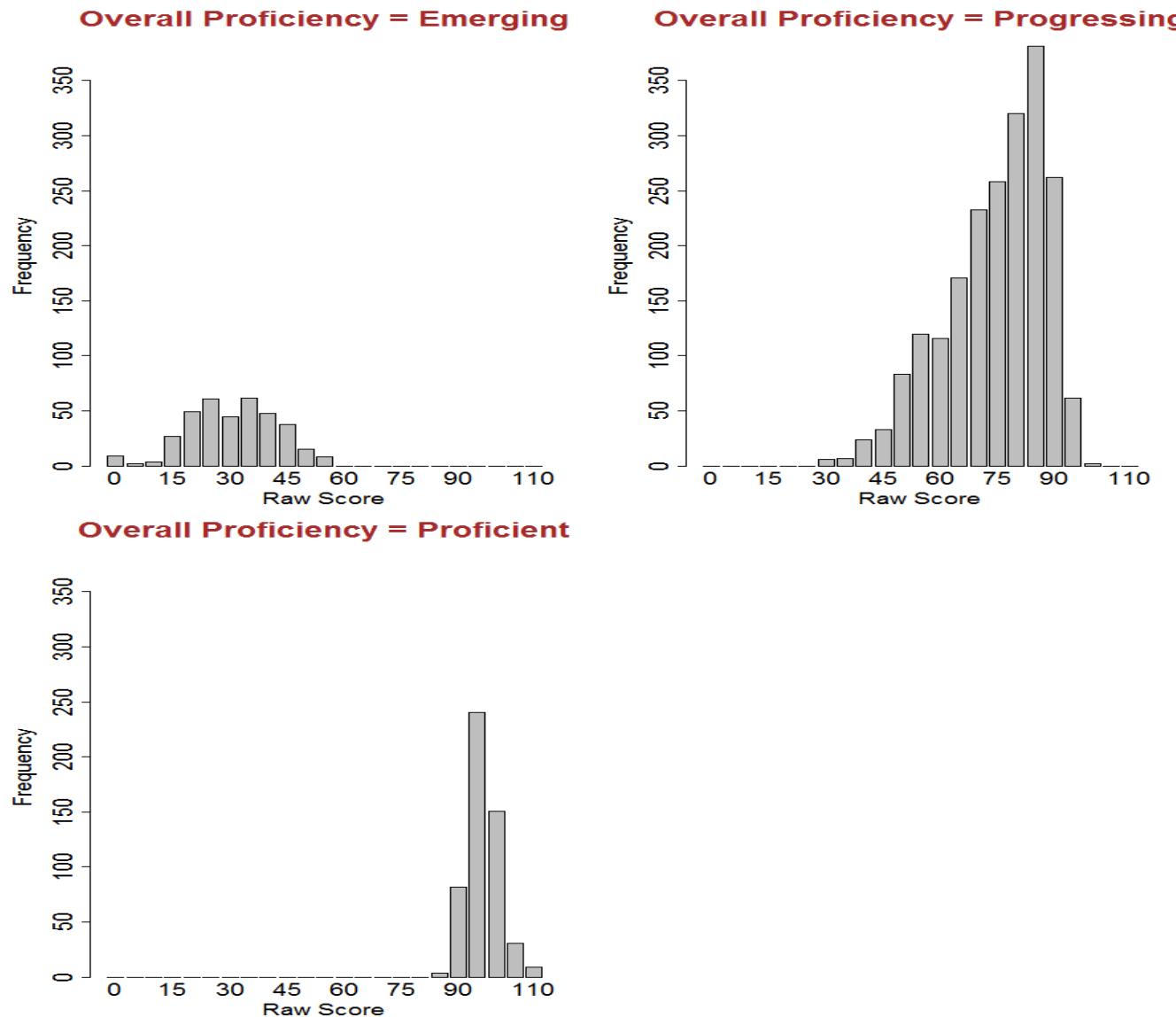
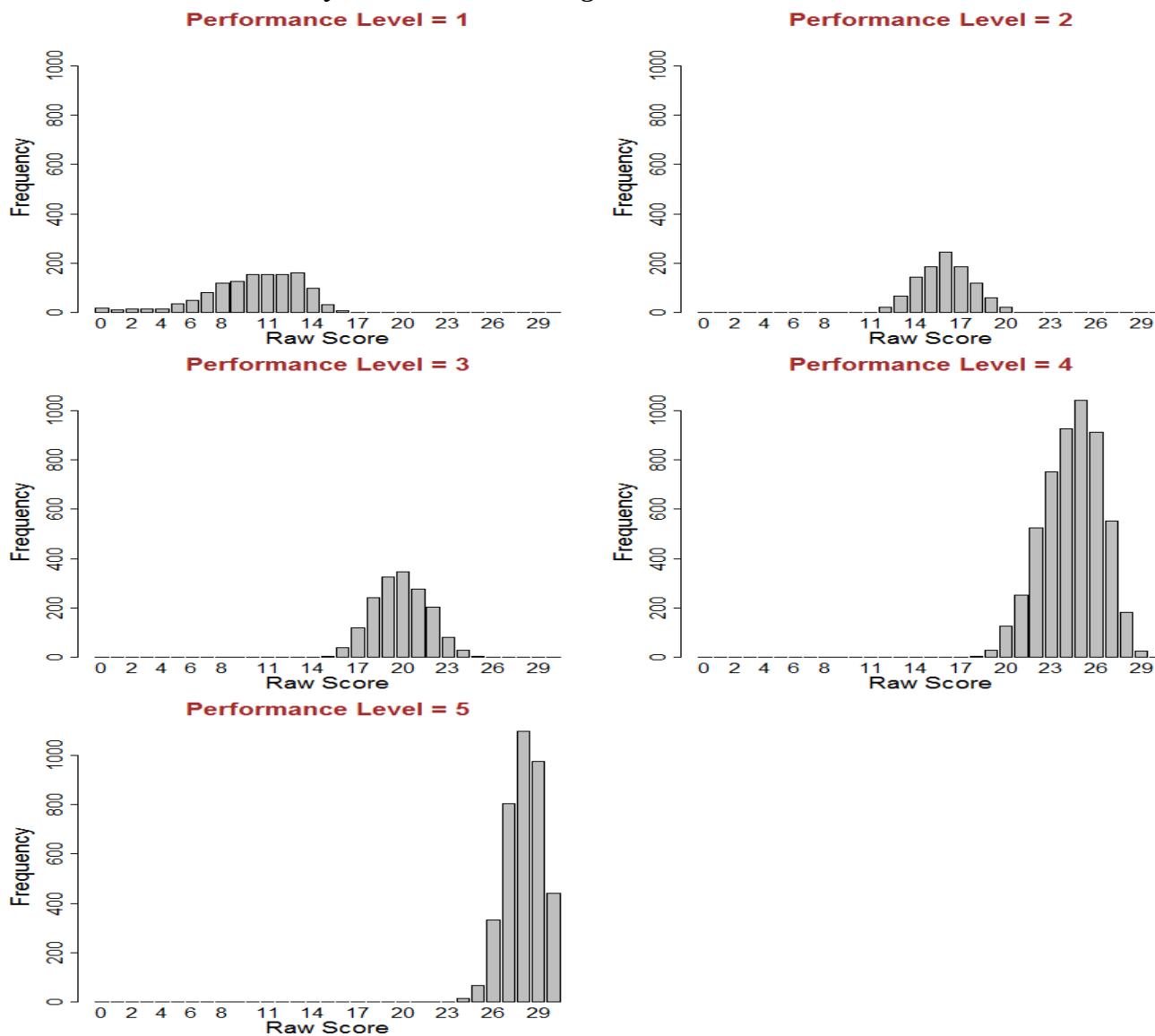


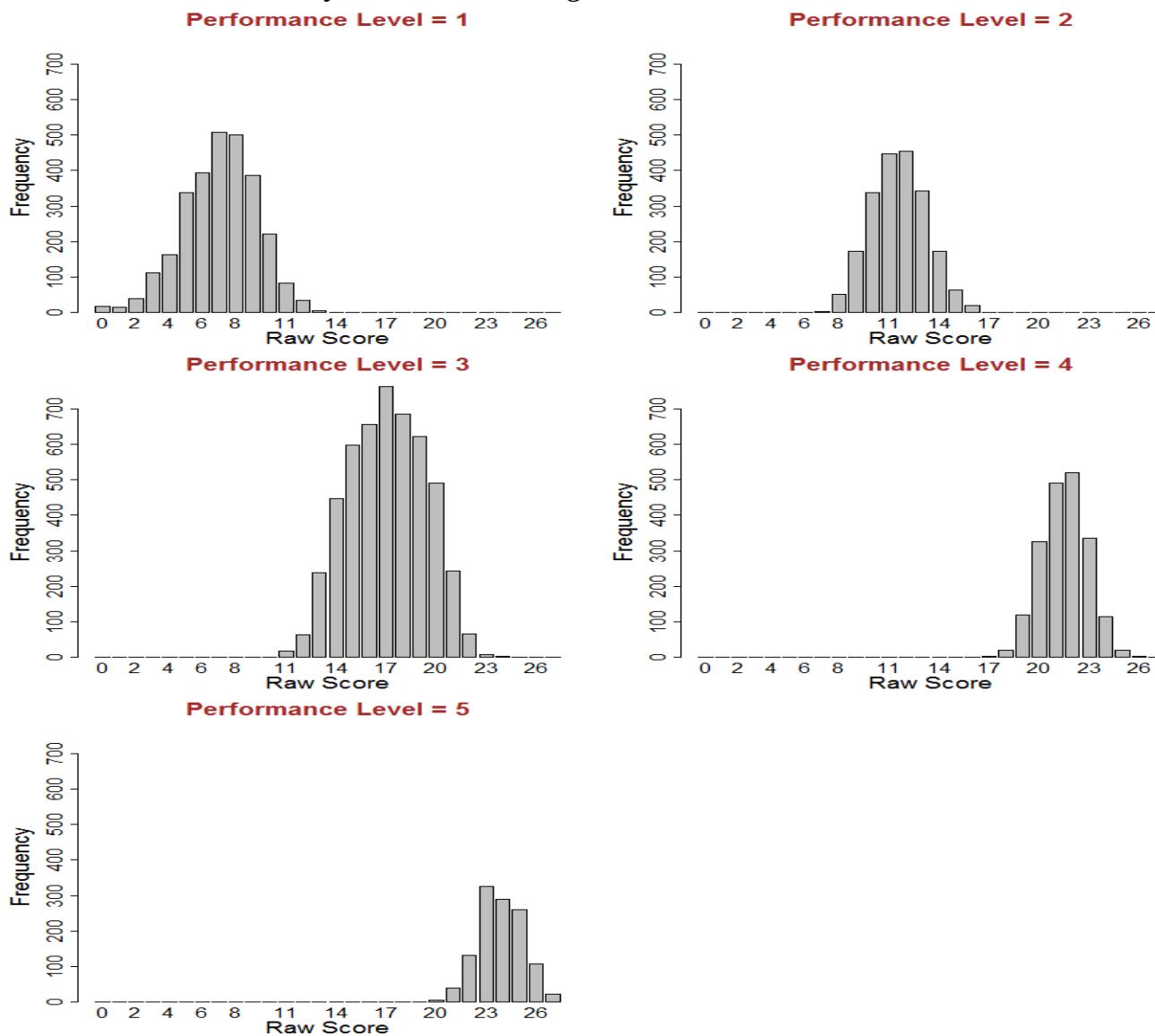
Figure S3.25: Summative Raw Score Summary - Grade 4 Overall



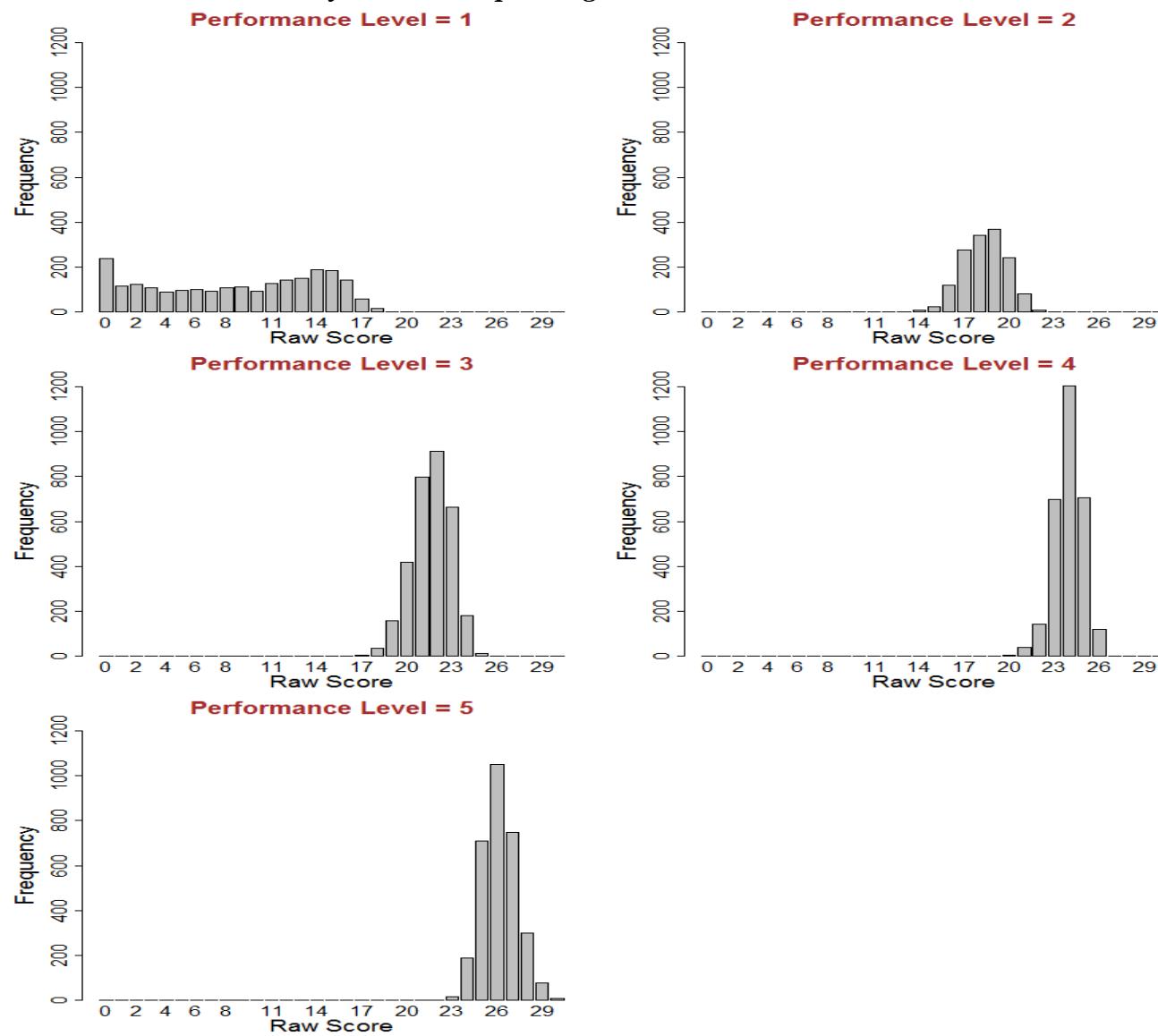
**Figure S3.26: Summative Raw Score Summary - Grade 5 Listening**



**Figure S3.27: Summative Raw Score Summary - Grade 5 Reading**



**Figure S3.28: Summative Raw Score Summary - Grade 5 Speaking**



**Figure S3.29: Summative Raw Score Summary - Grade 5 Writing**

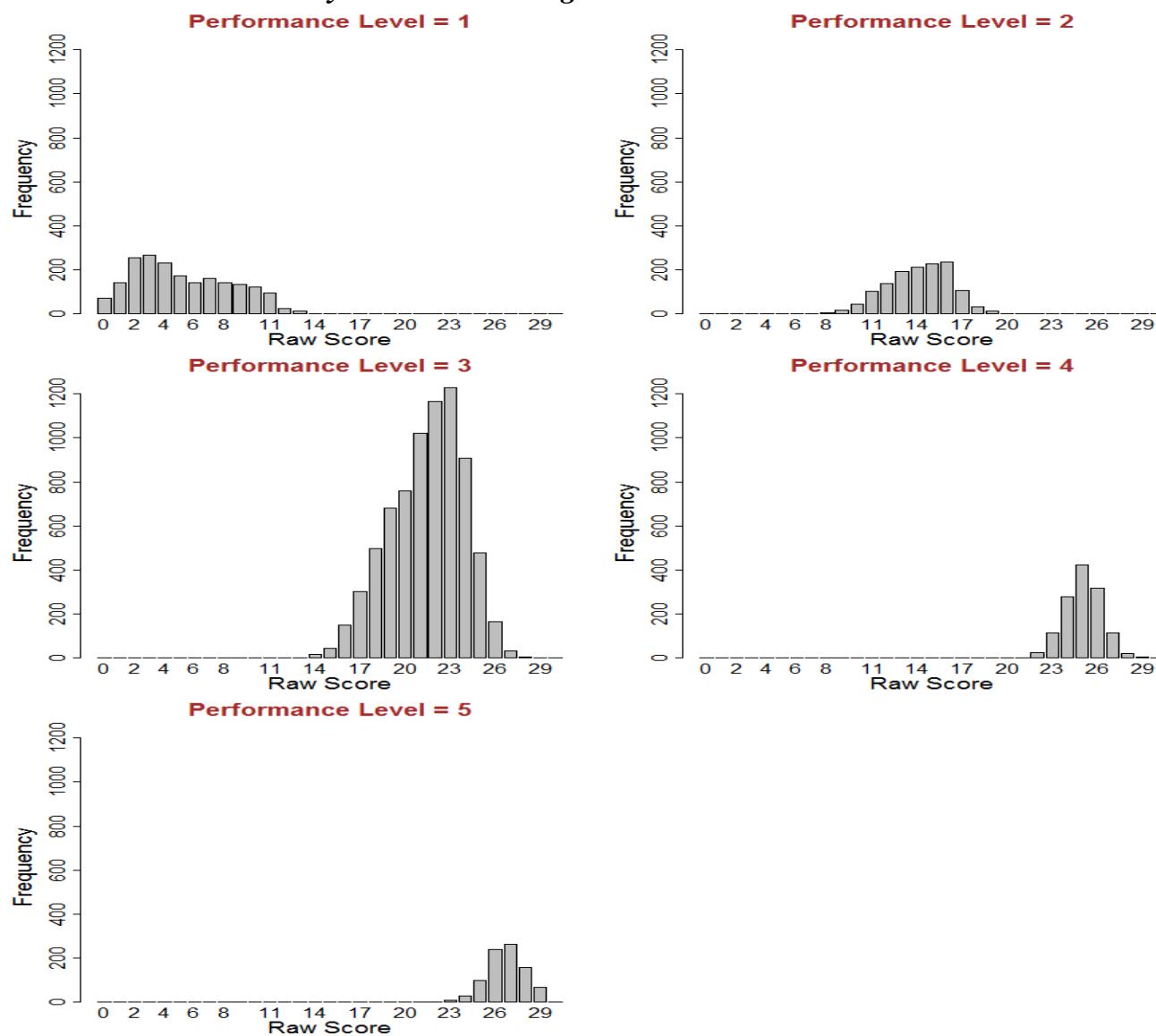
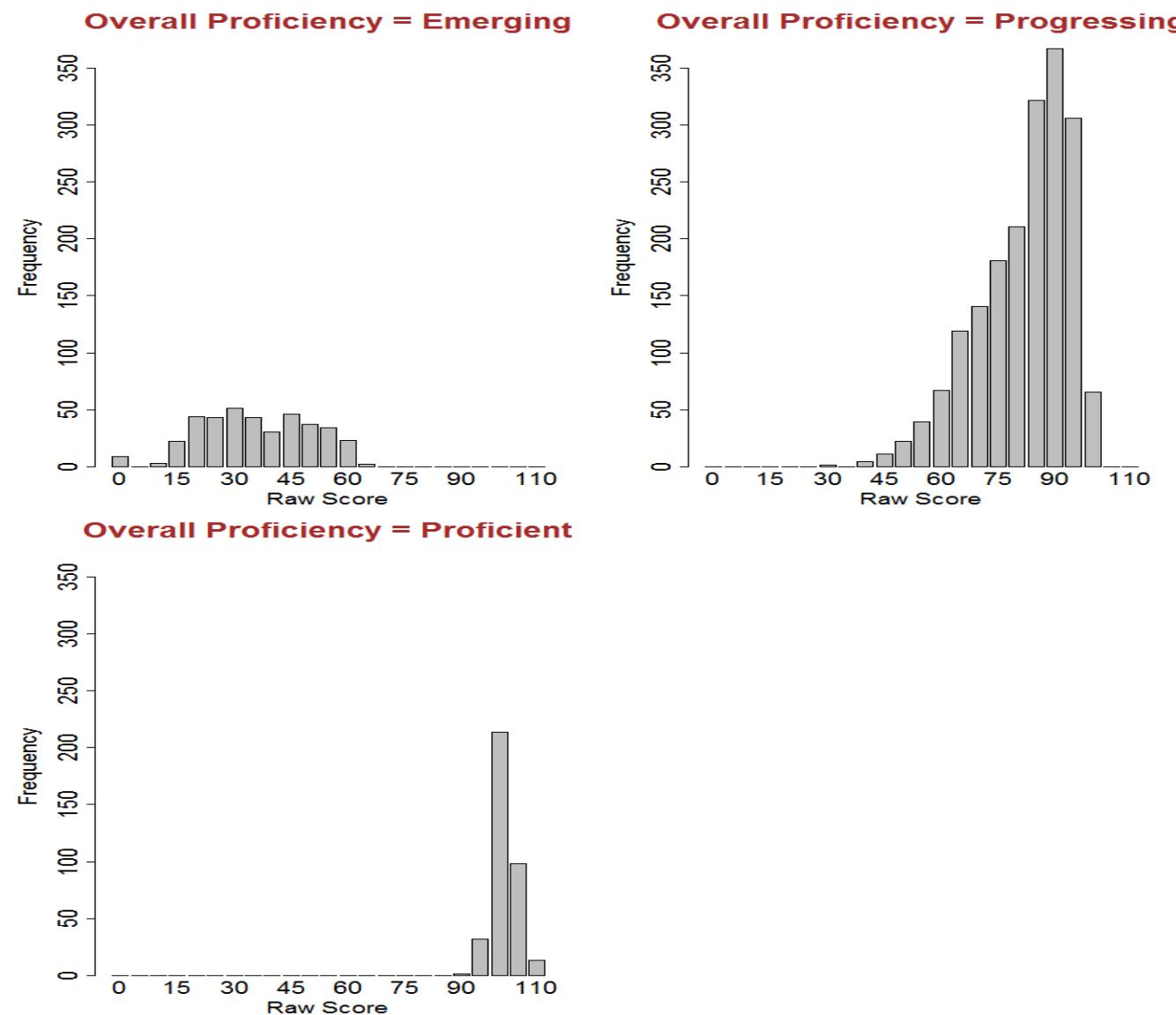
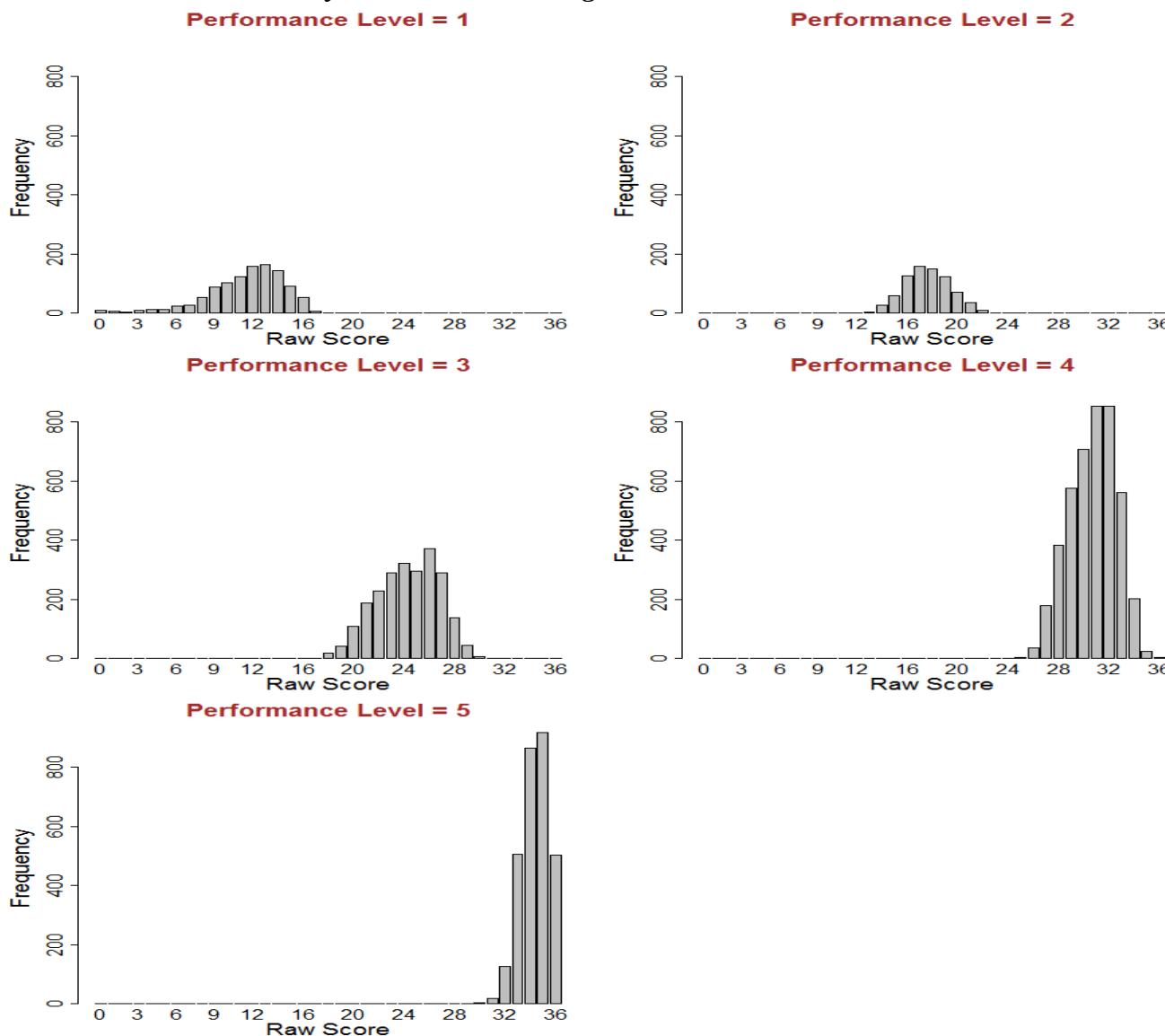


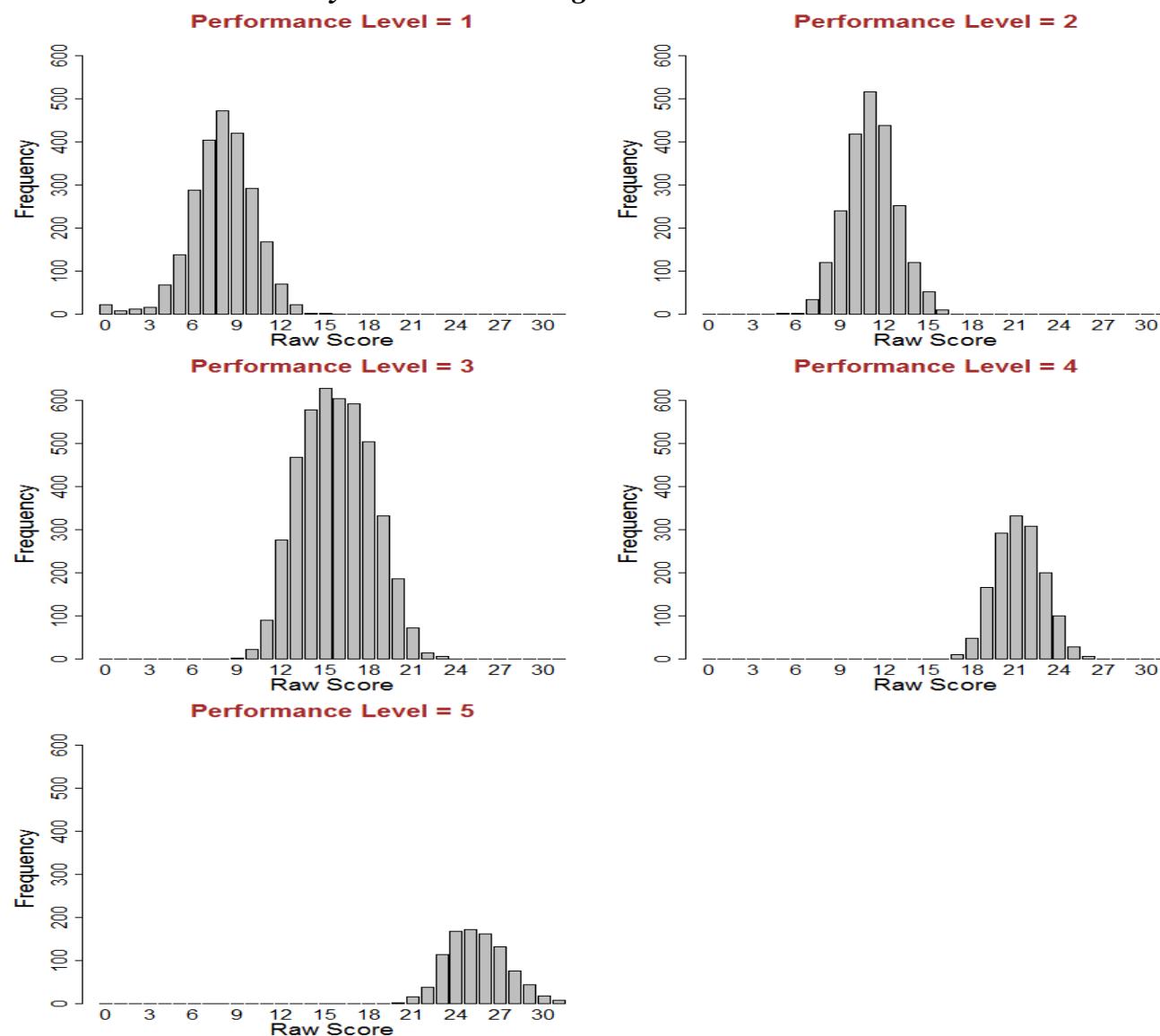
Figure S3.30: Summative Raw Score Summary - Grade 5 Overall



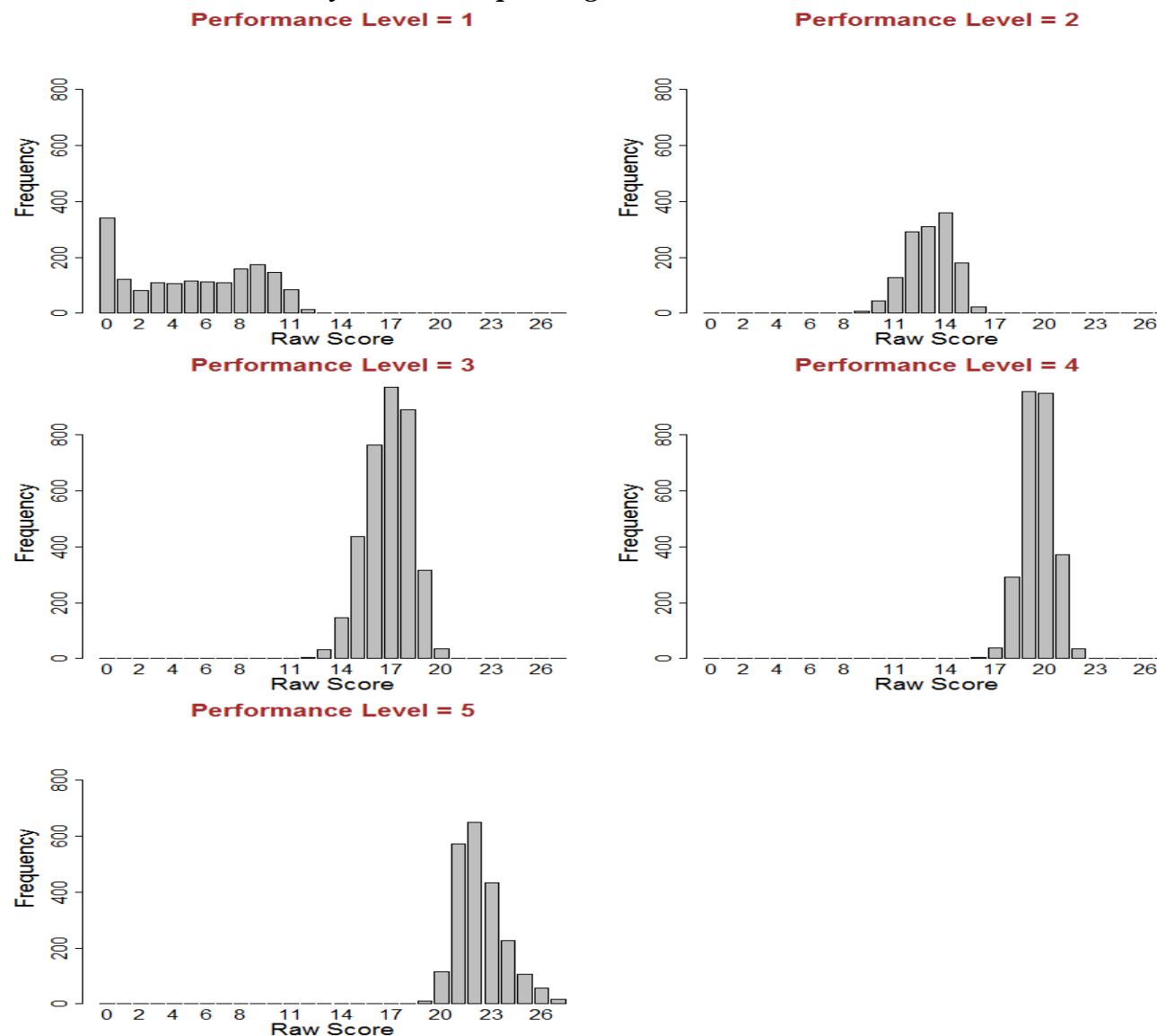
**Figure S3.31: Summative Raw Score Summary - Grade 6 Listening**



**Figure S3.32: Summative Raw Score Summary - Grade 6 Reading**



**Figure S3.33: Summative Raw Score Summary - Grade 6 Speaking**



**Figure S3.34: Summative Raw Score Summary - Grade 6 Writing**

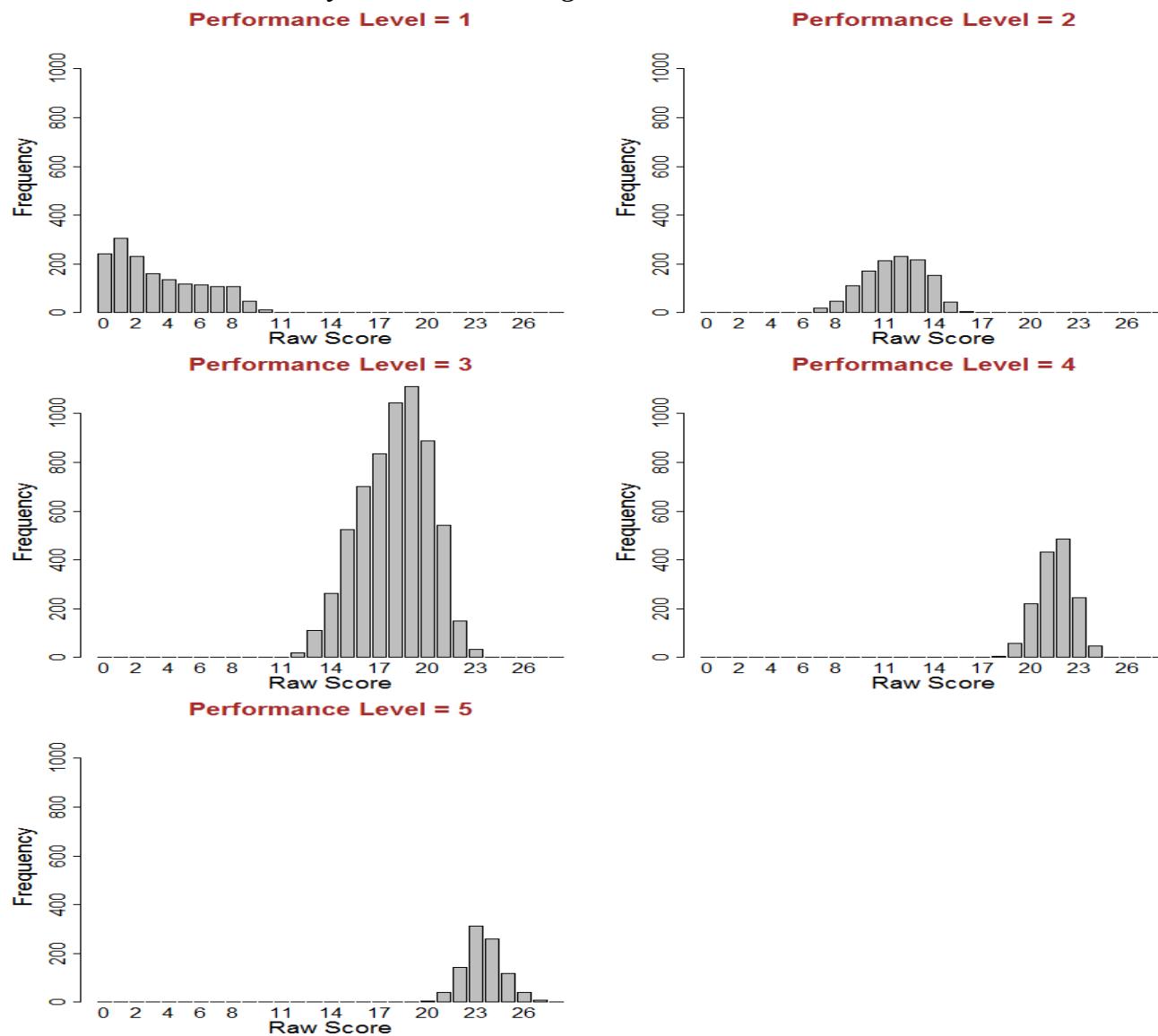
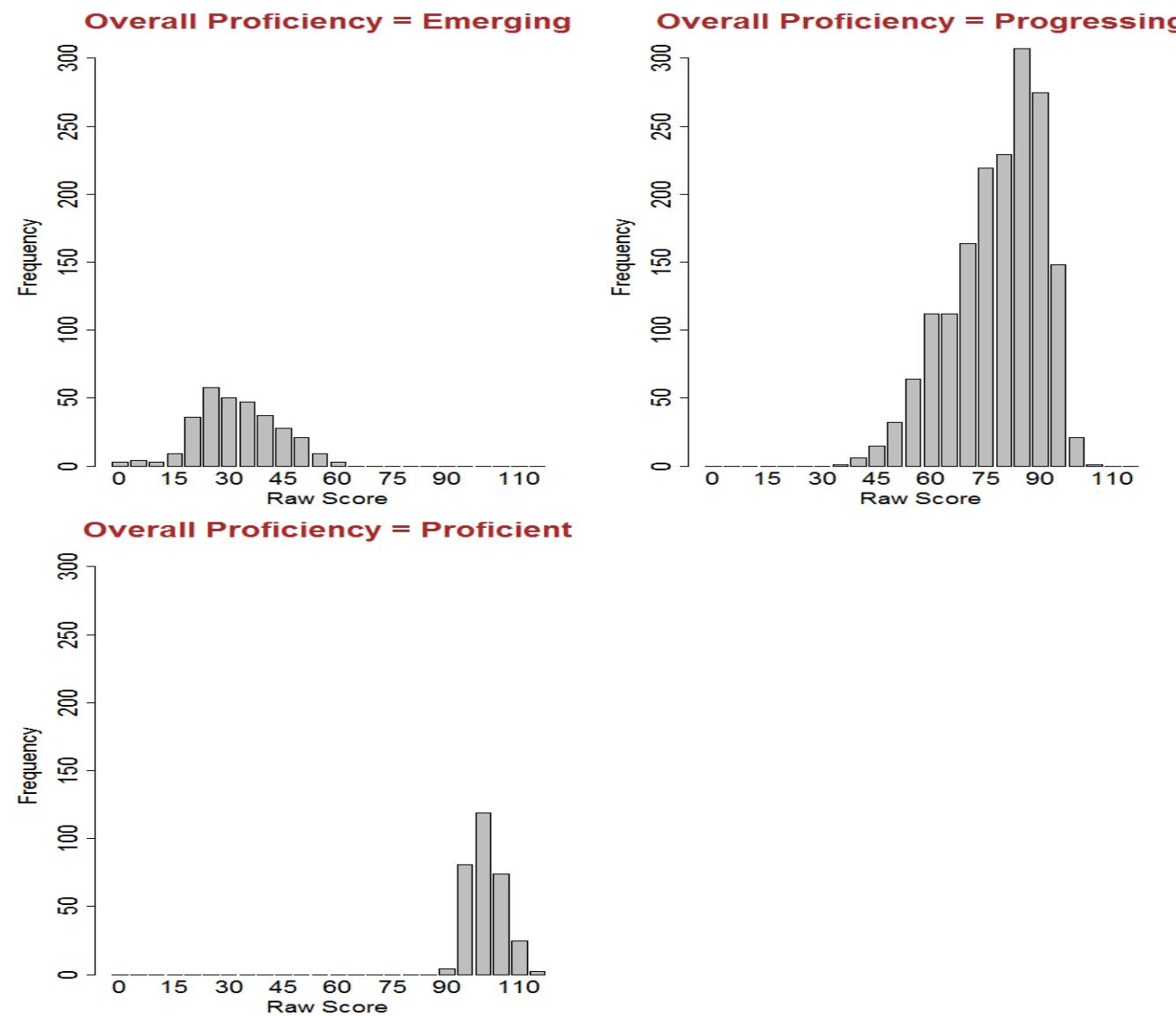
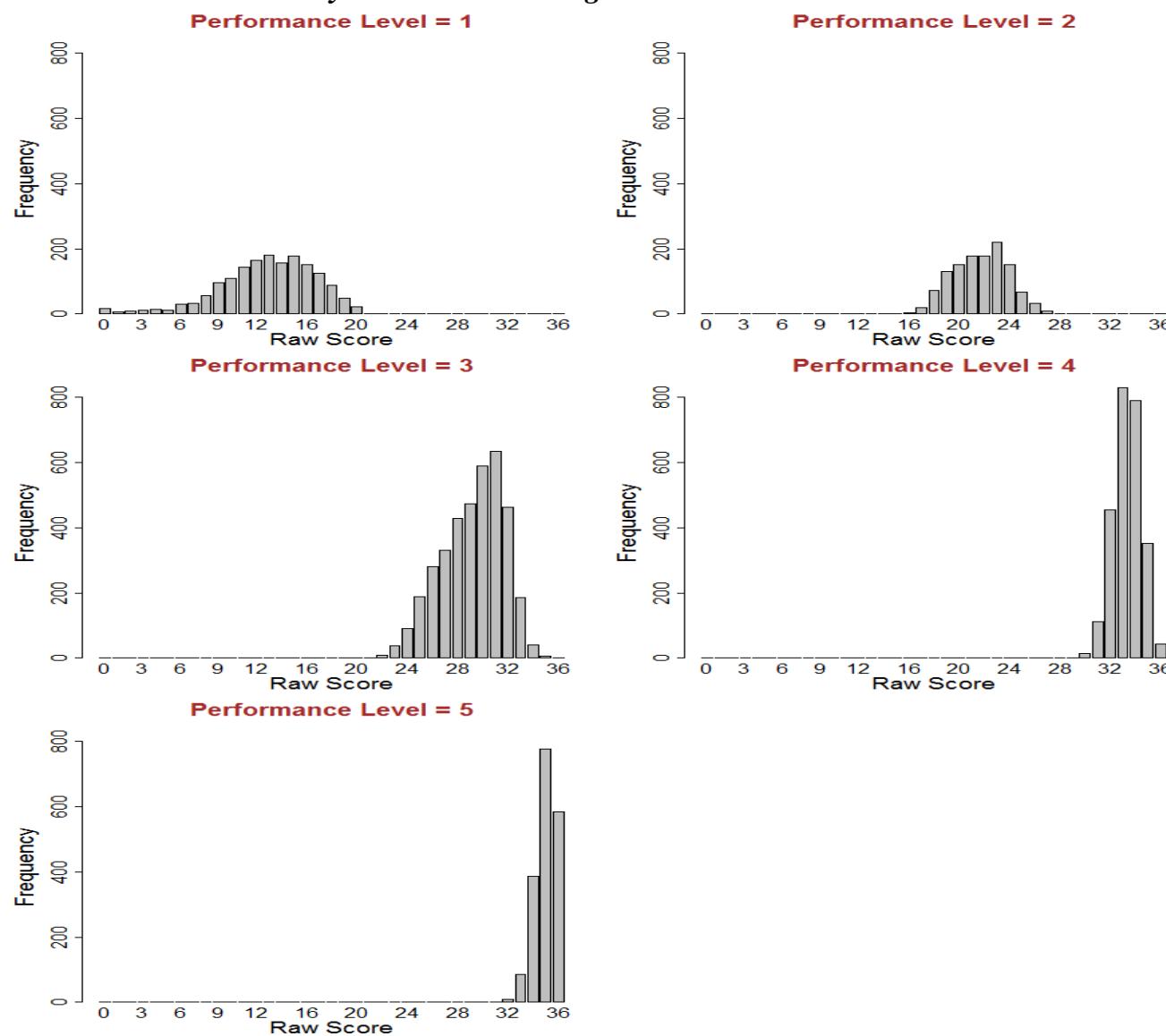


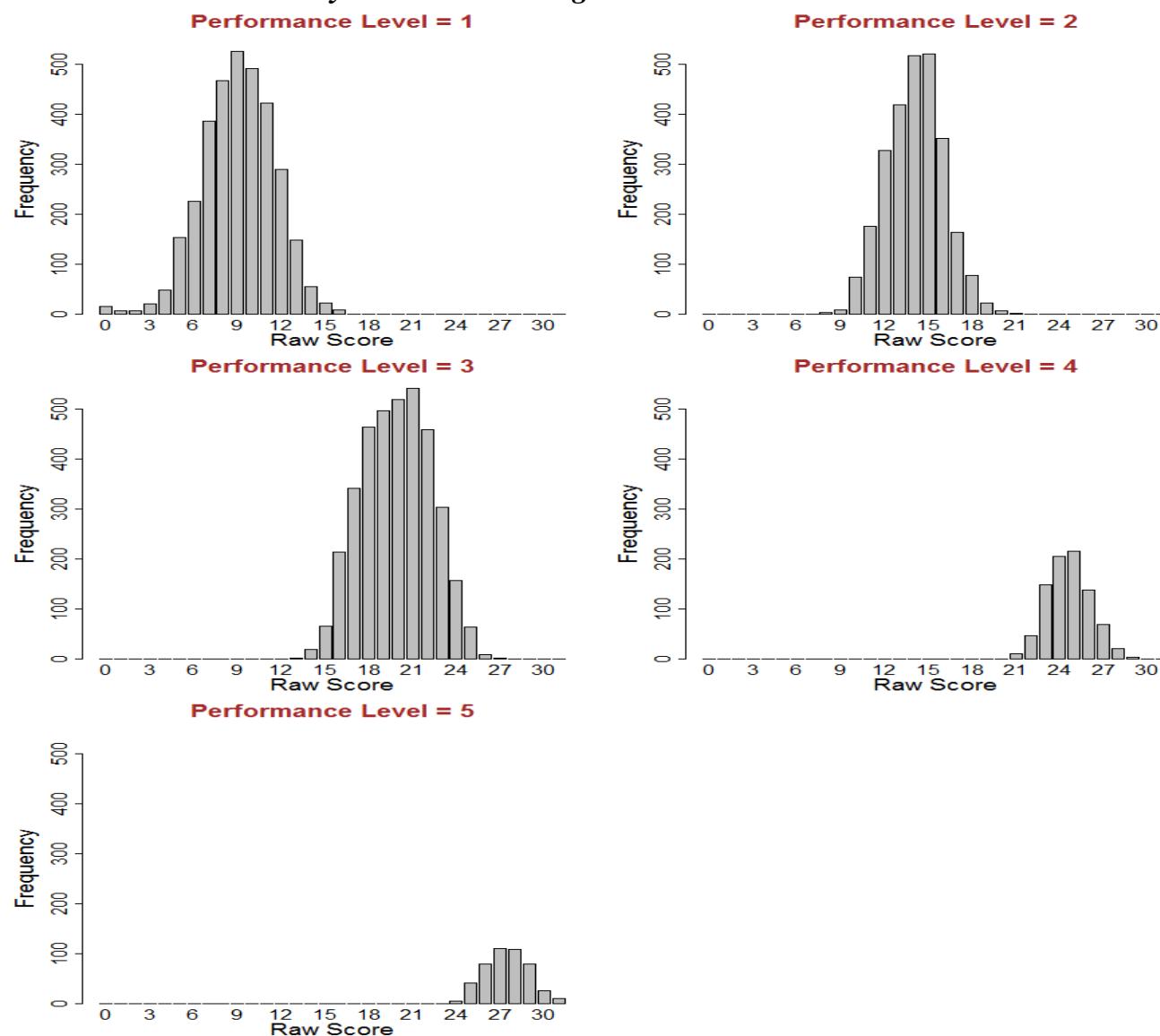
Figure S3.35: Summative Raw Score Summary - Grade 6 Overall



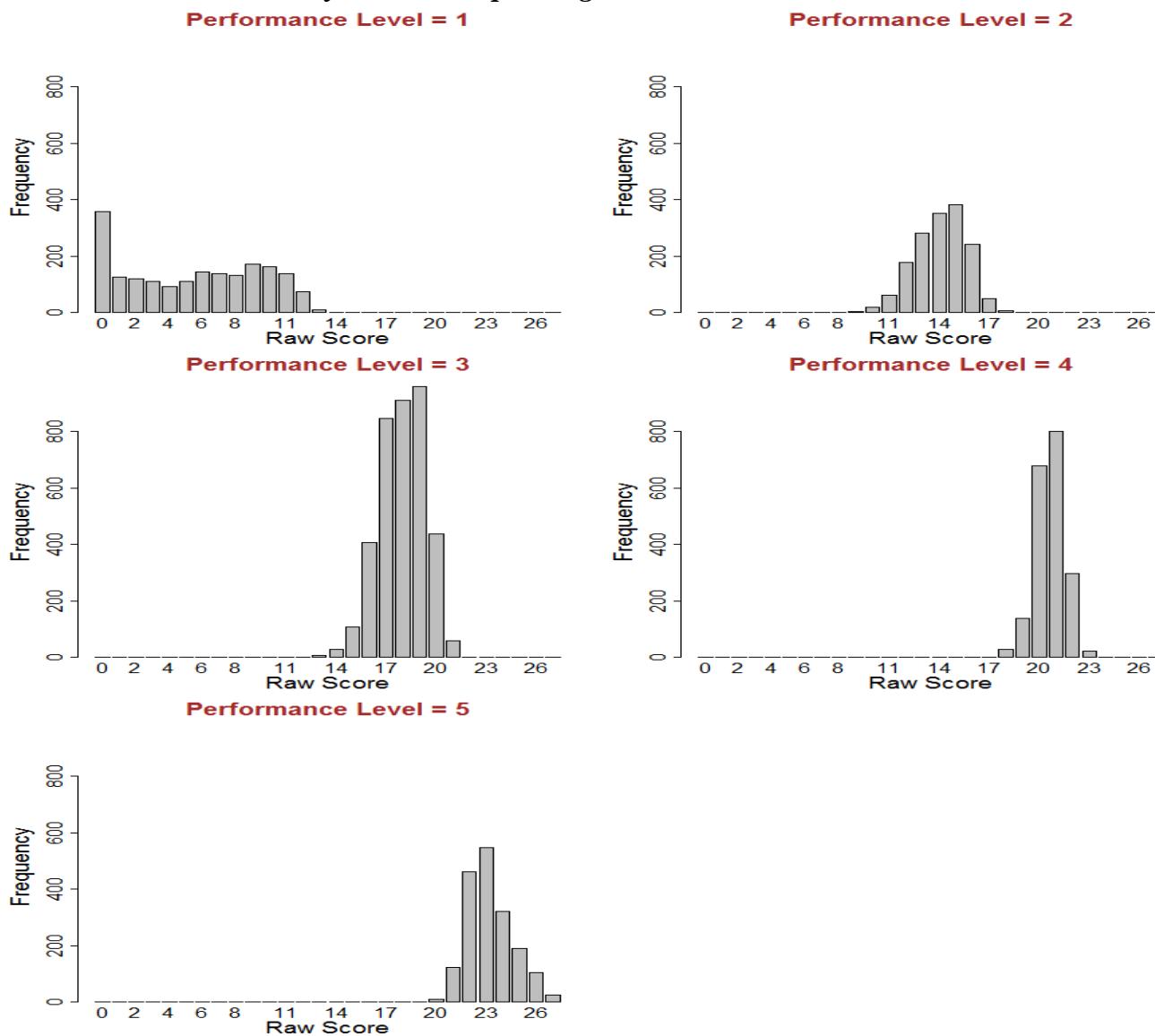
**Figure S3.36: Summative Raw Score Summary - Grade 7 Listening**



**Figure S3.37: Summative Raw Score Summary - Grade 7 Reading**



**Figure S3.38: Summative Raw Score Summary - Grade 7 Speaking**



**Figure S3.39: Summative Raw Score Summary - Grade 7 Writing**

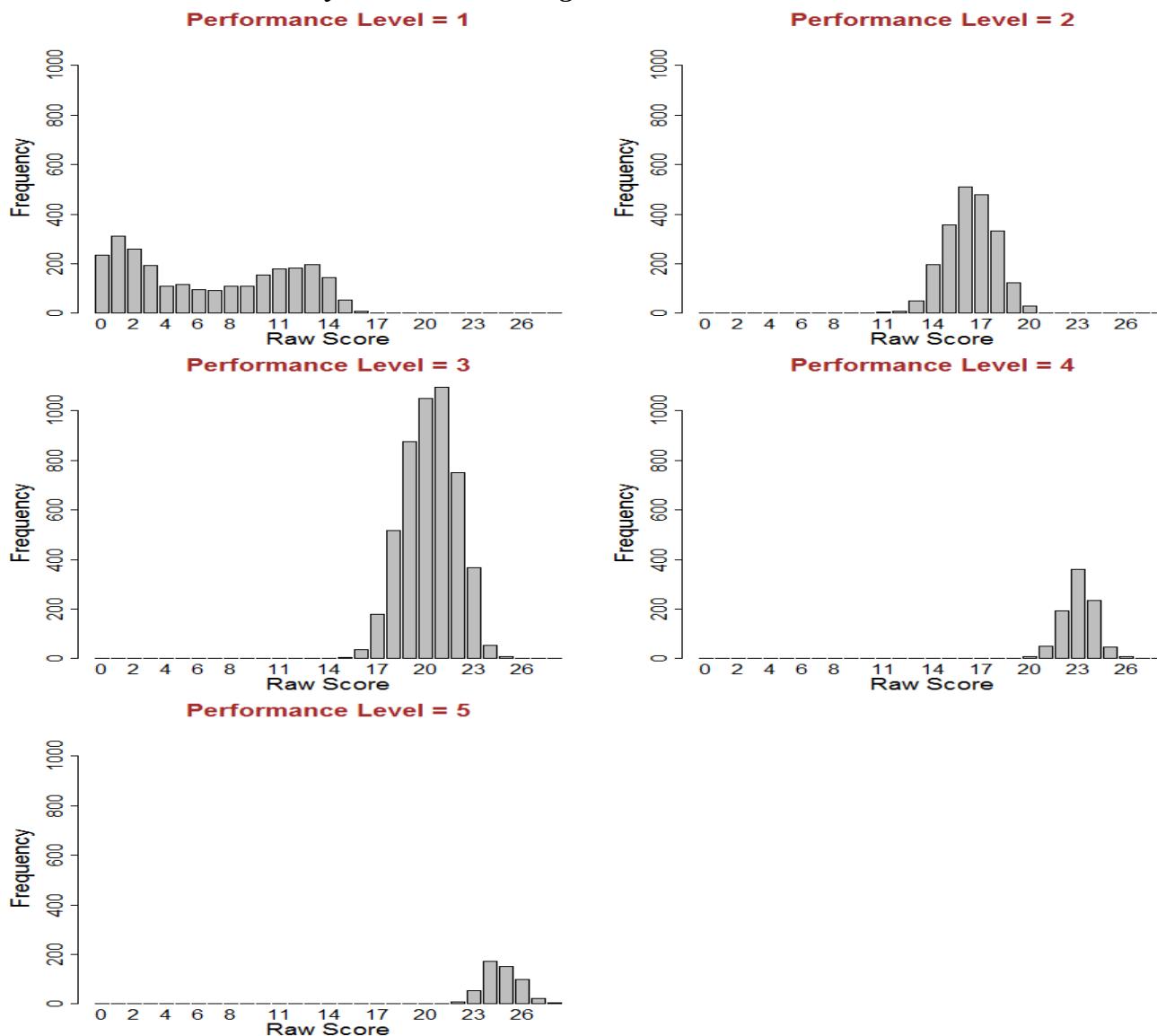
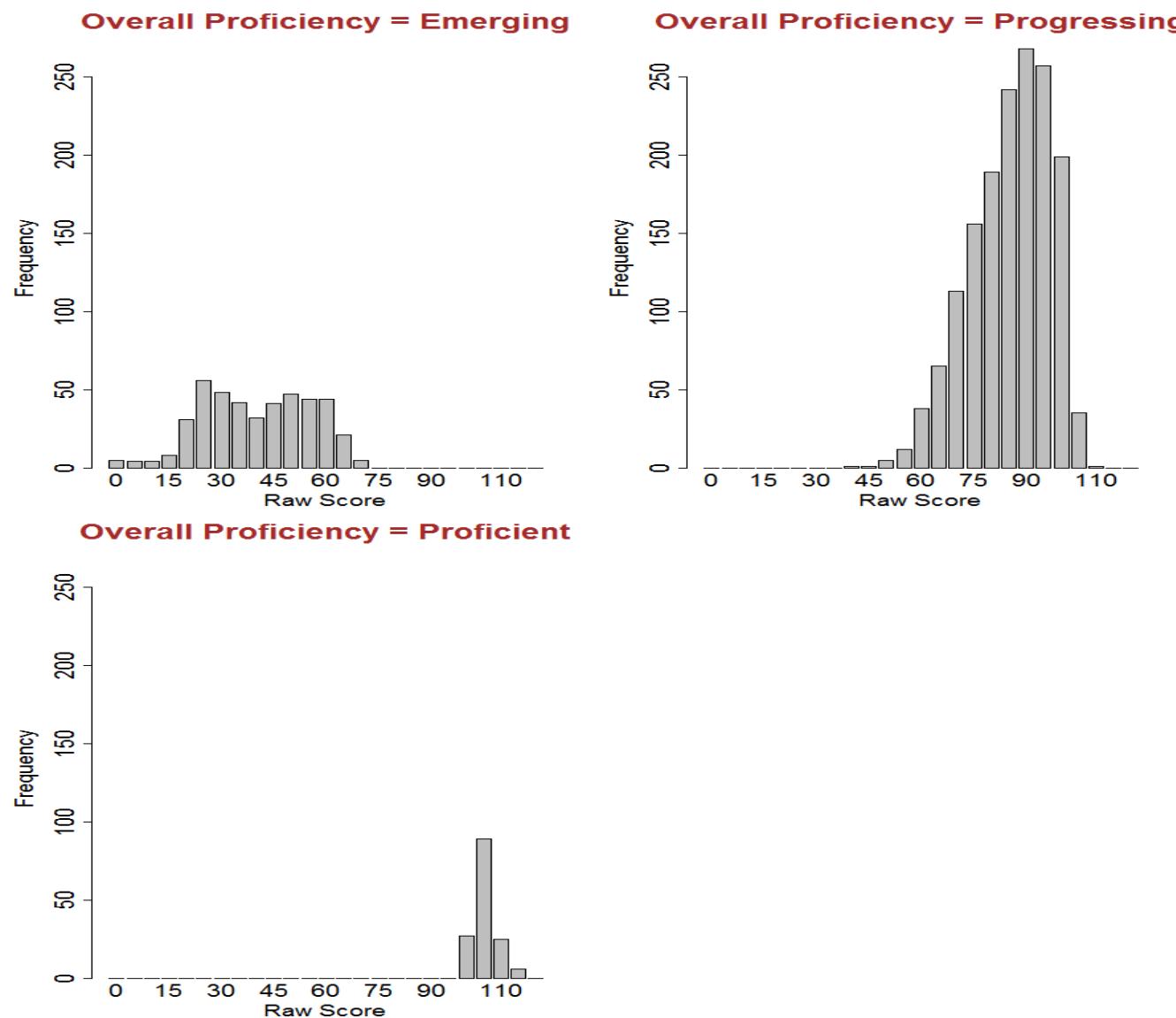
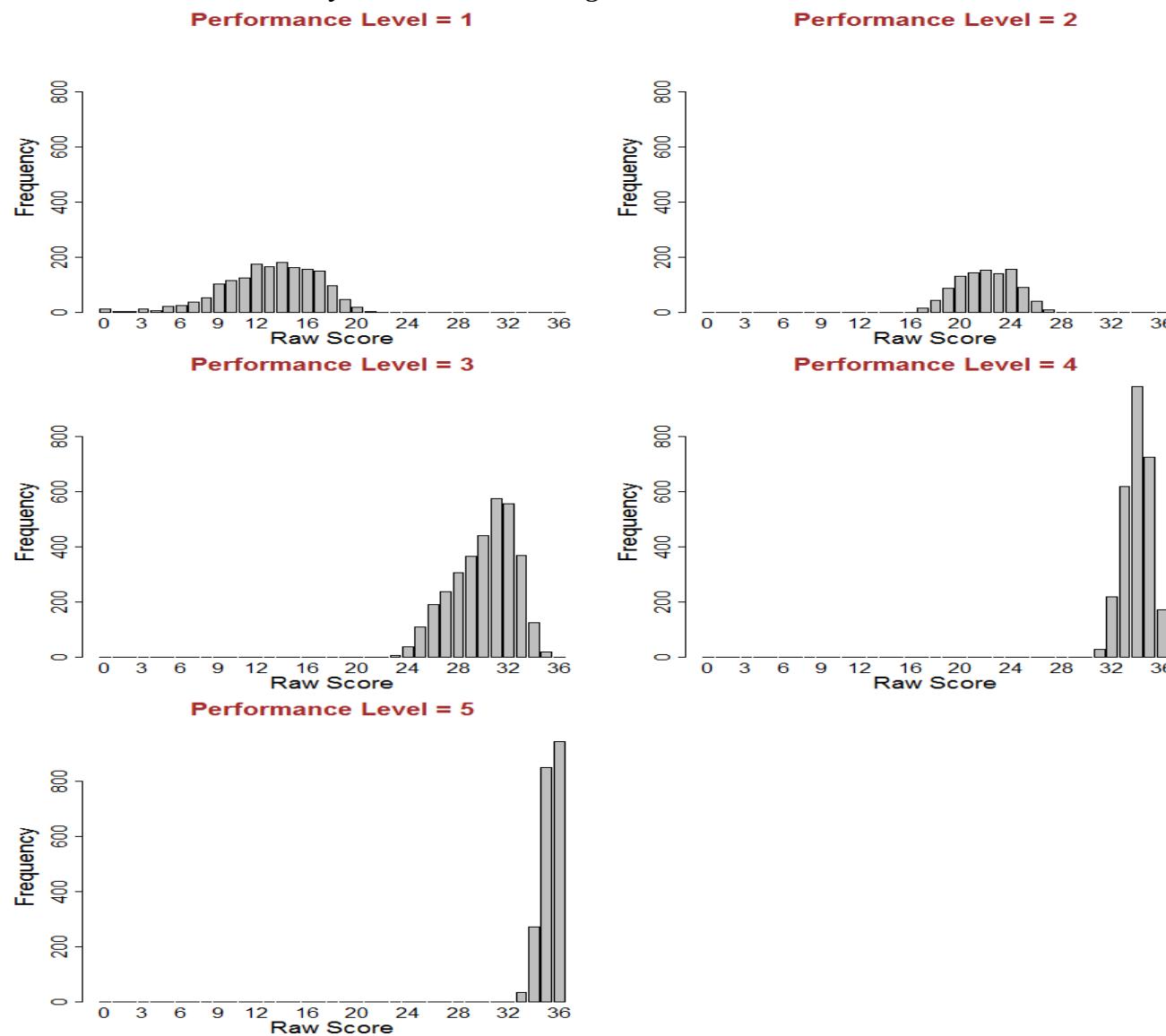


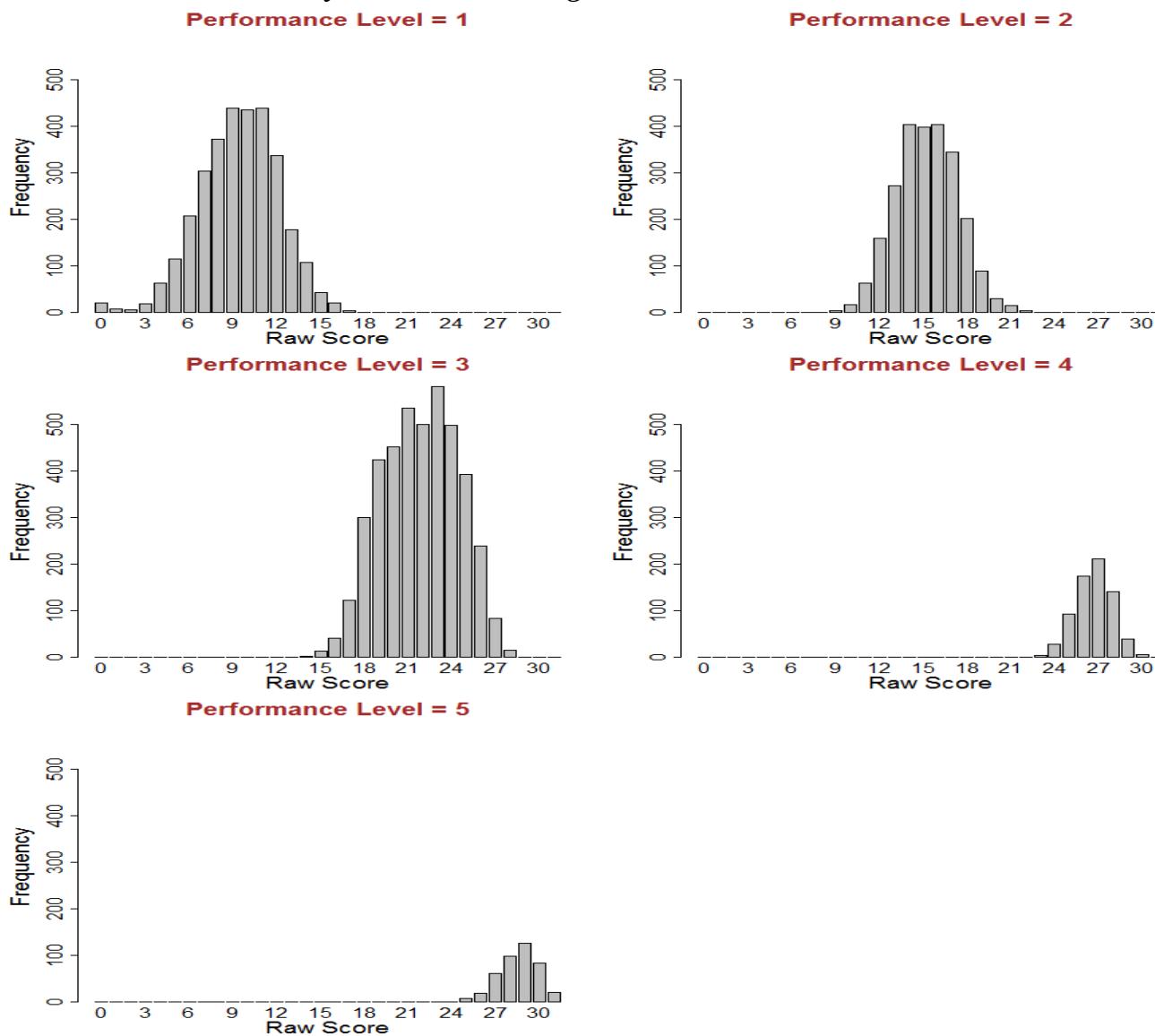
Figure S3.40: Summative Raw Score Summary - Grade 7 Overall

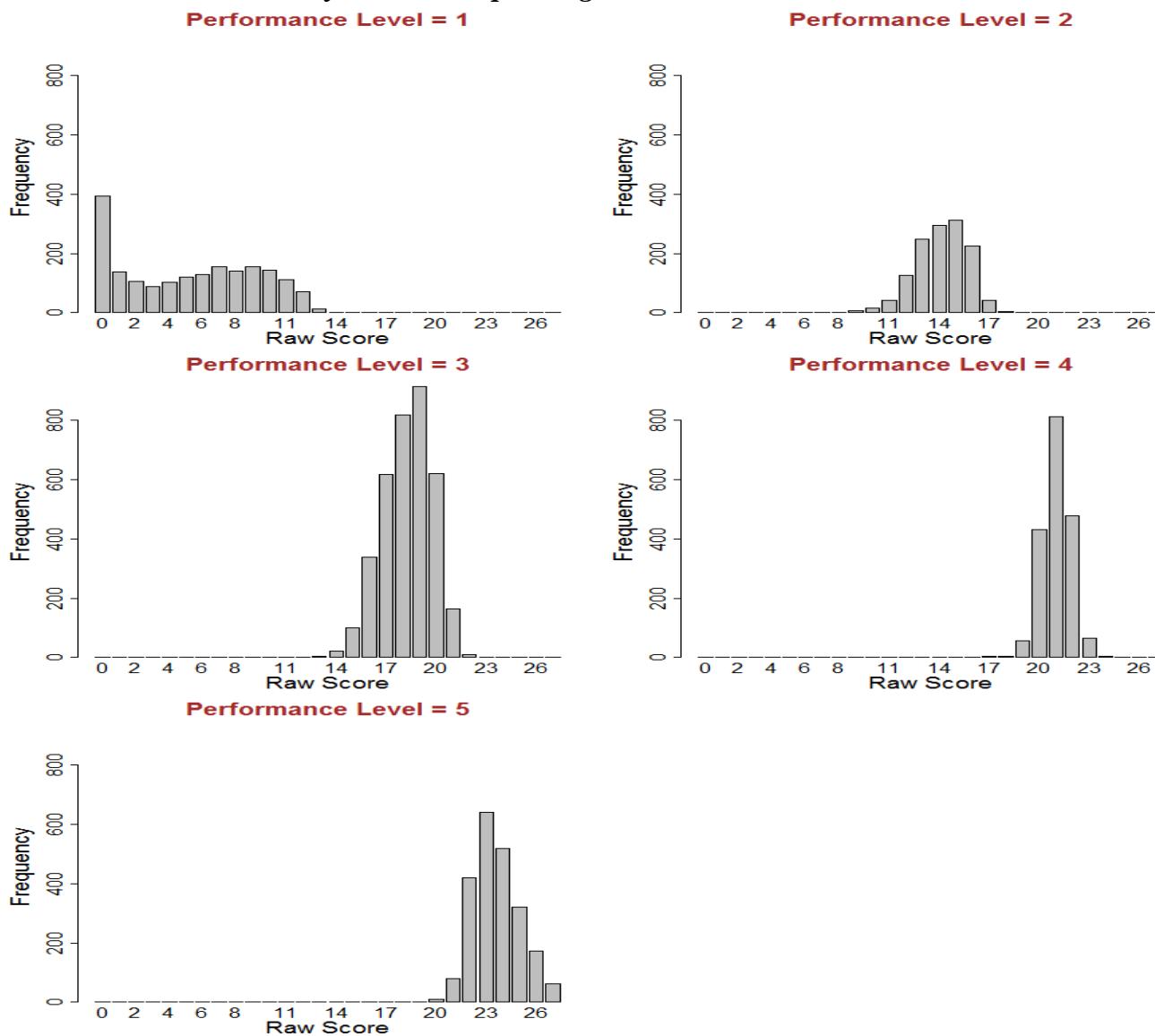


**Figure S3.41: Summative Raw Score Summary - Grade 8 Listening**



**Figure S3.42: Summative Raw Score Summary - Grade 8 Reading**



**Figure S3.43: Summative Raw Score Summary - Grade 8 Speaking**

**Figure S3.44: Summative Raw Score Summary - Grade 8 Writing**

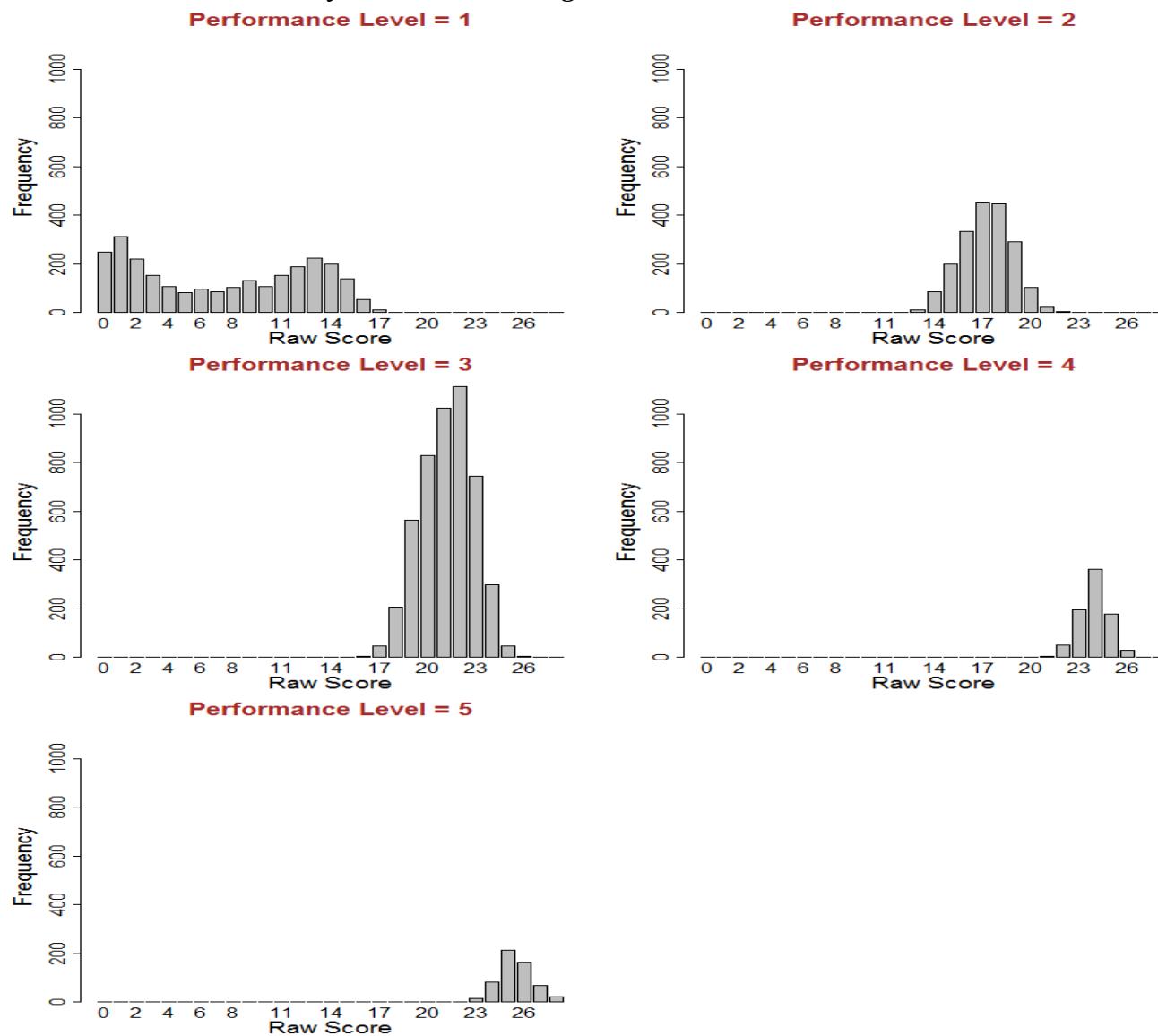
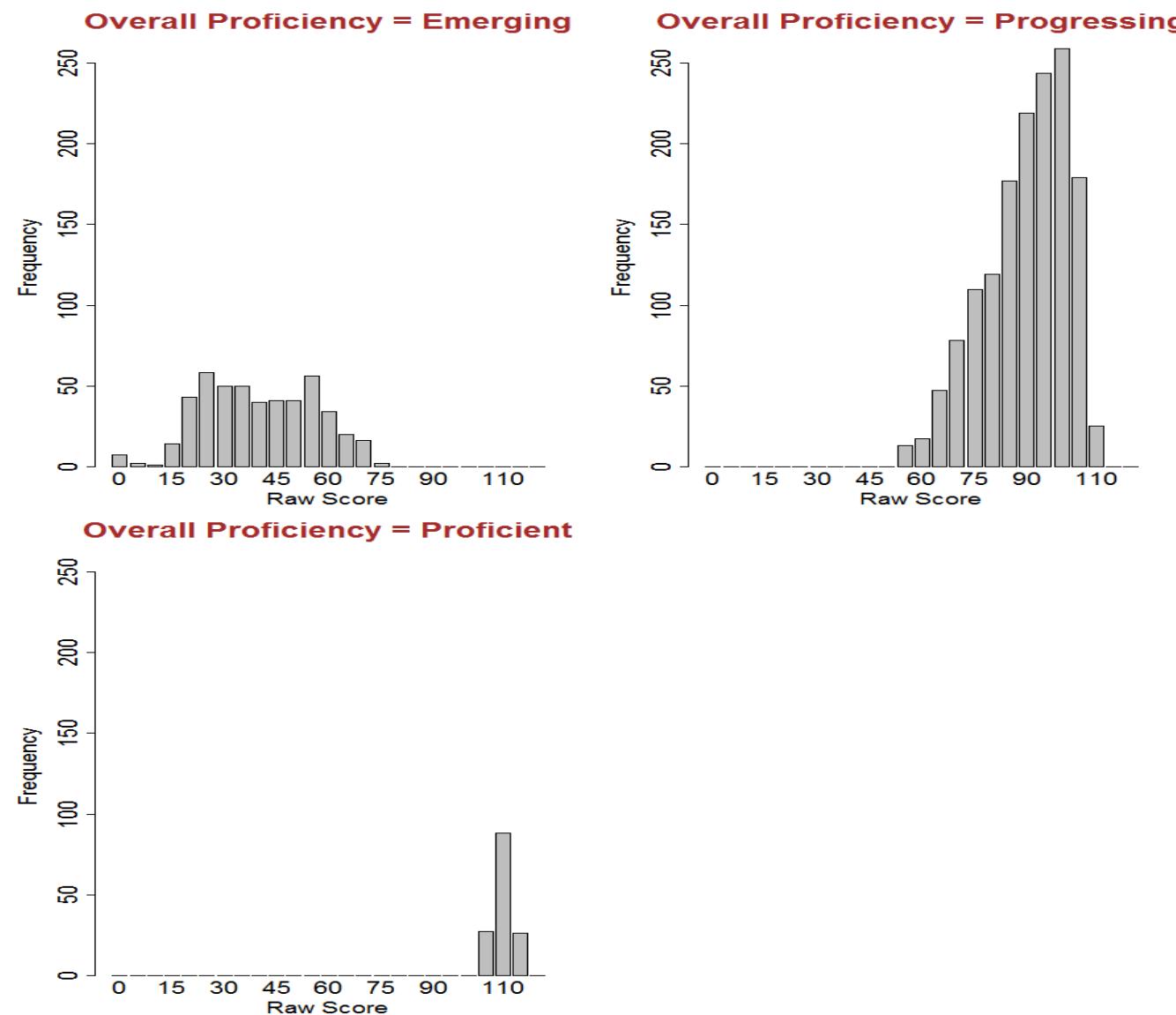
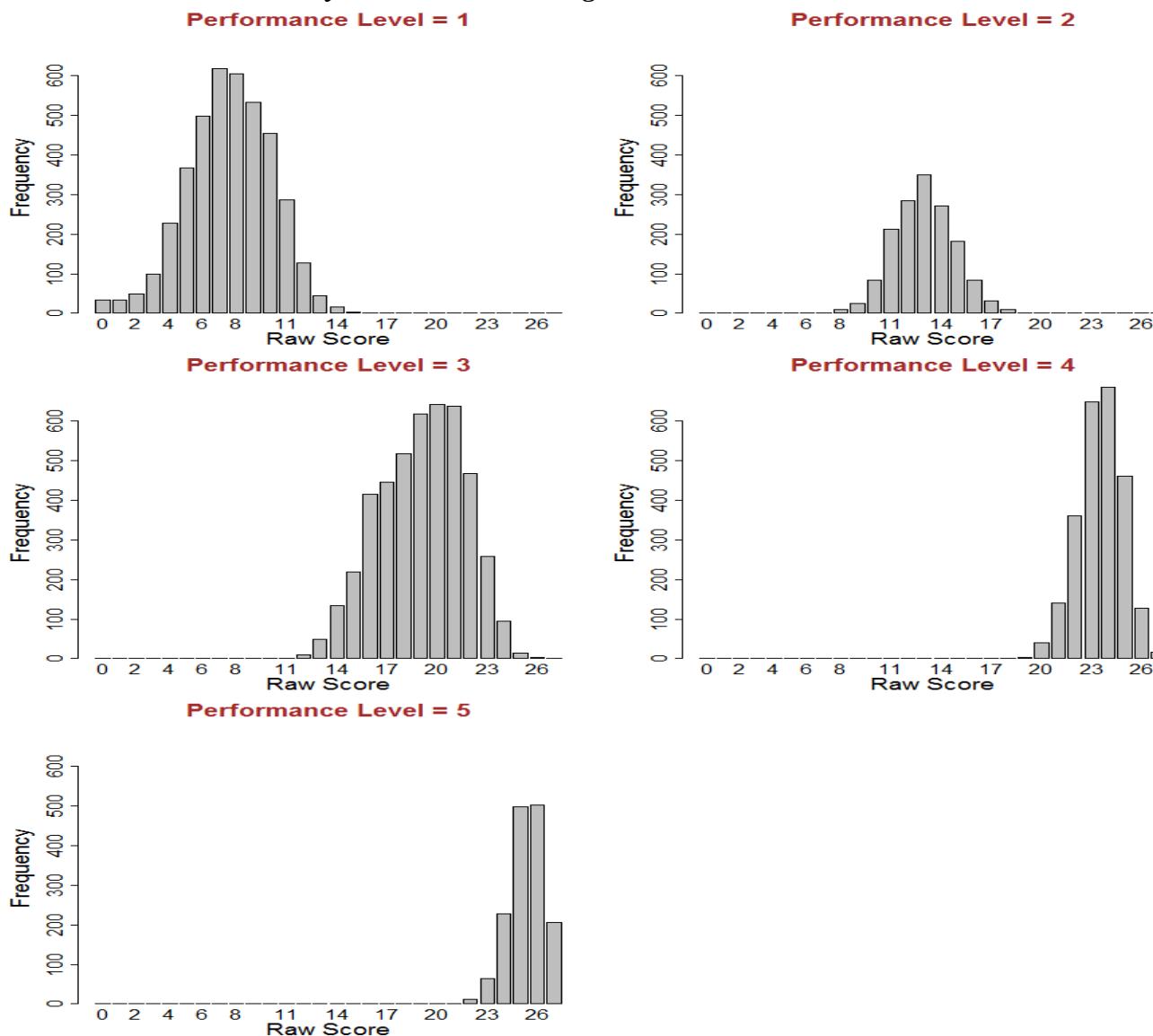
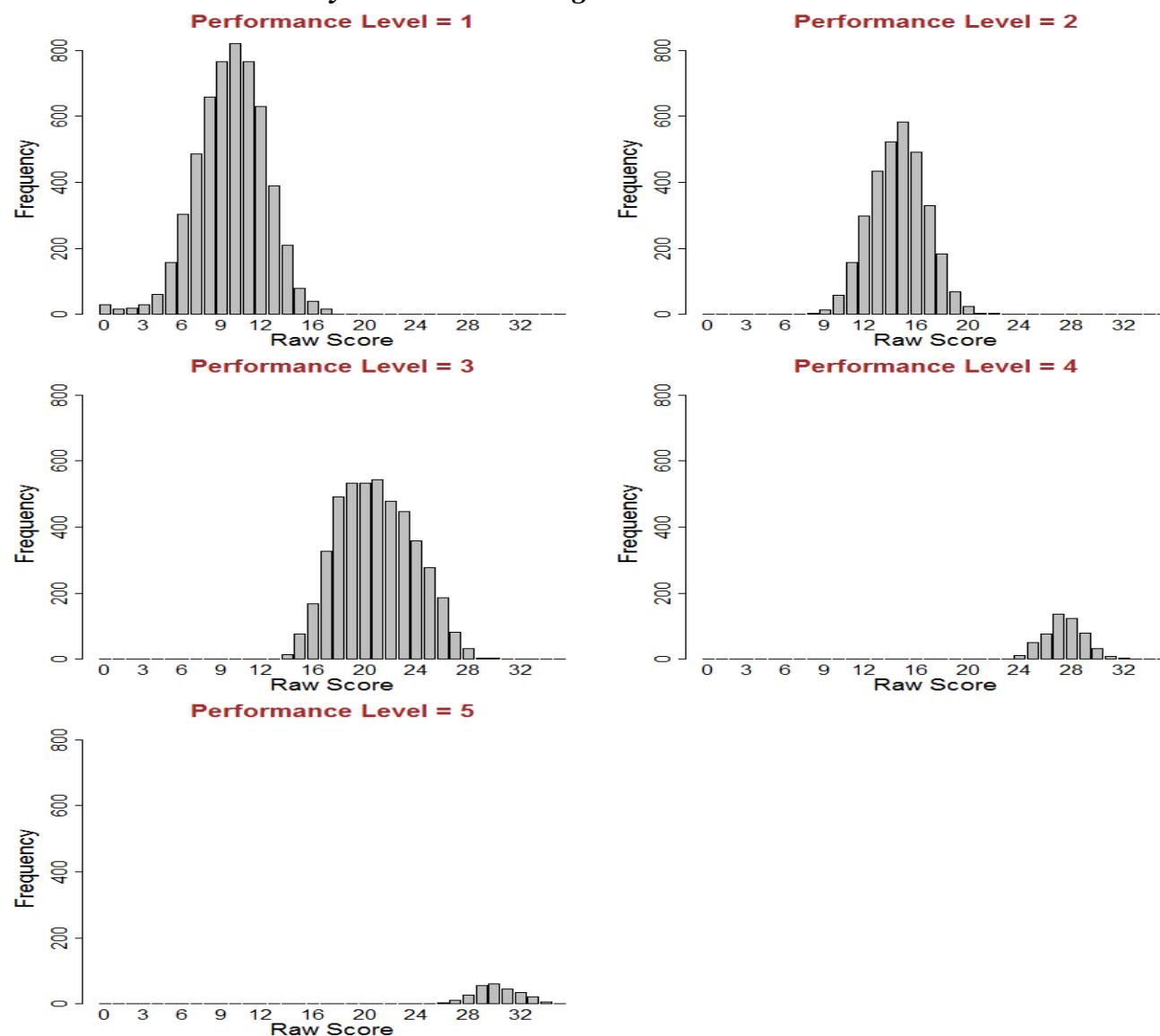


Figure S3.45: Summative Raw Score Summary - Grade 8 Overall

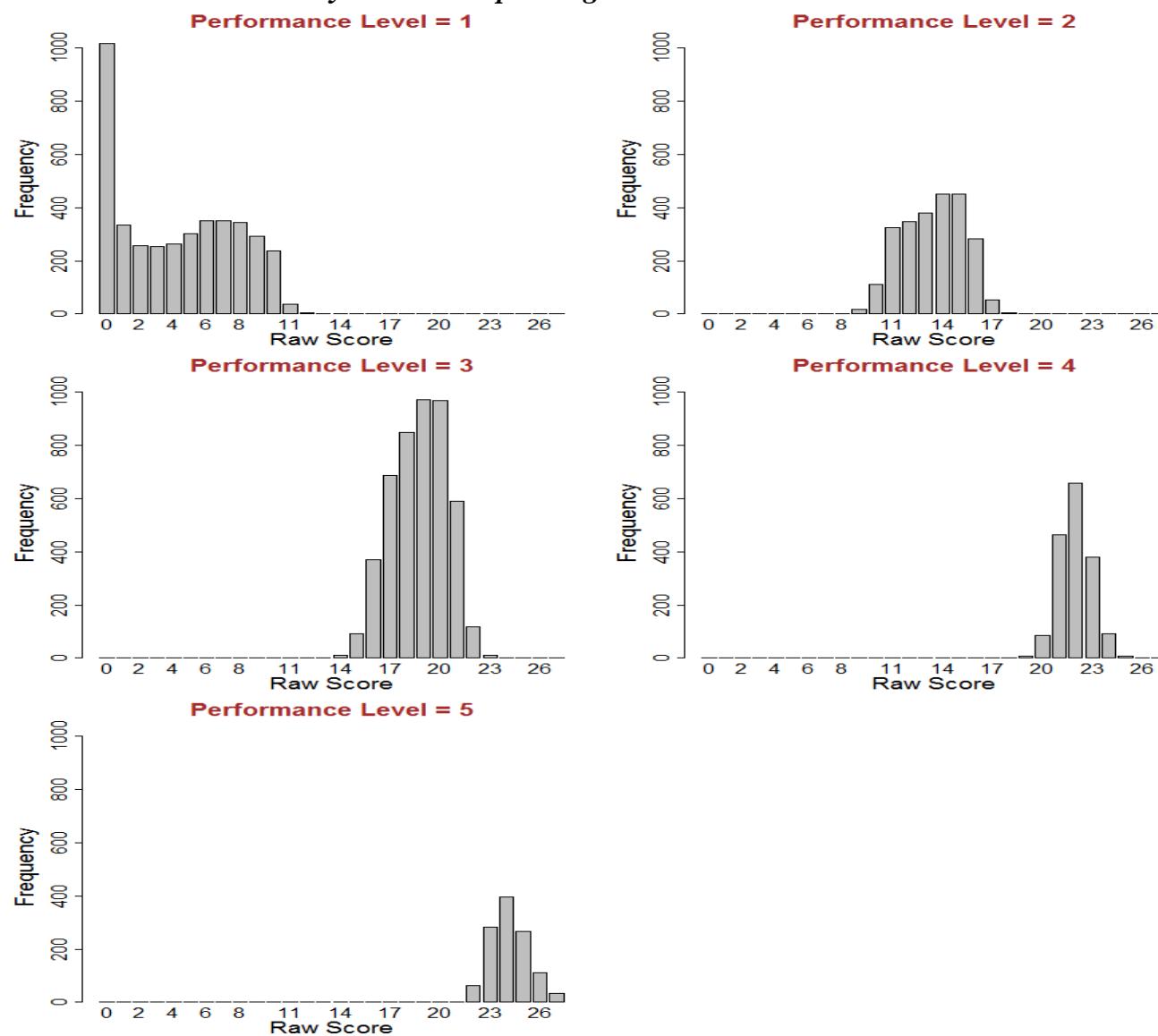


**Figure S3.46: Summative Raw Score Summary - Grade 9 Listening**

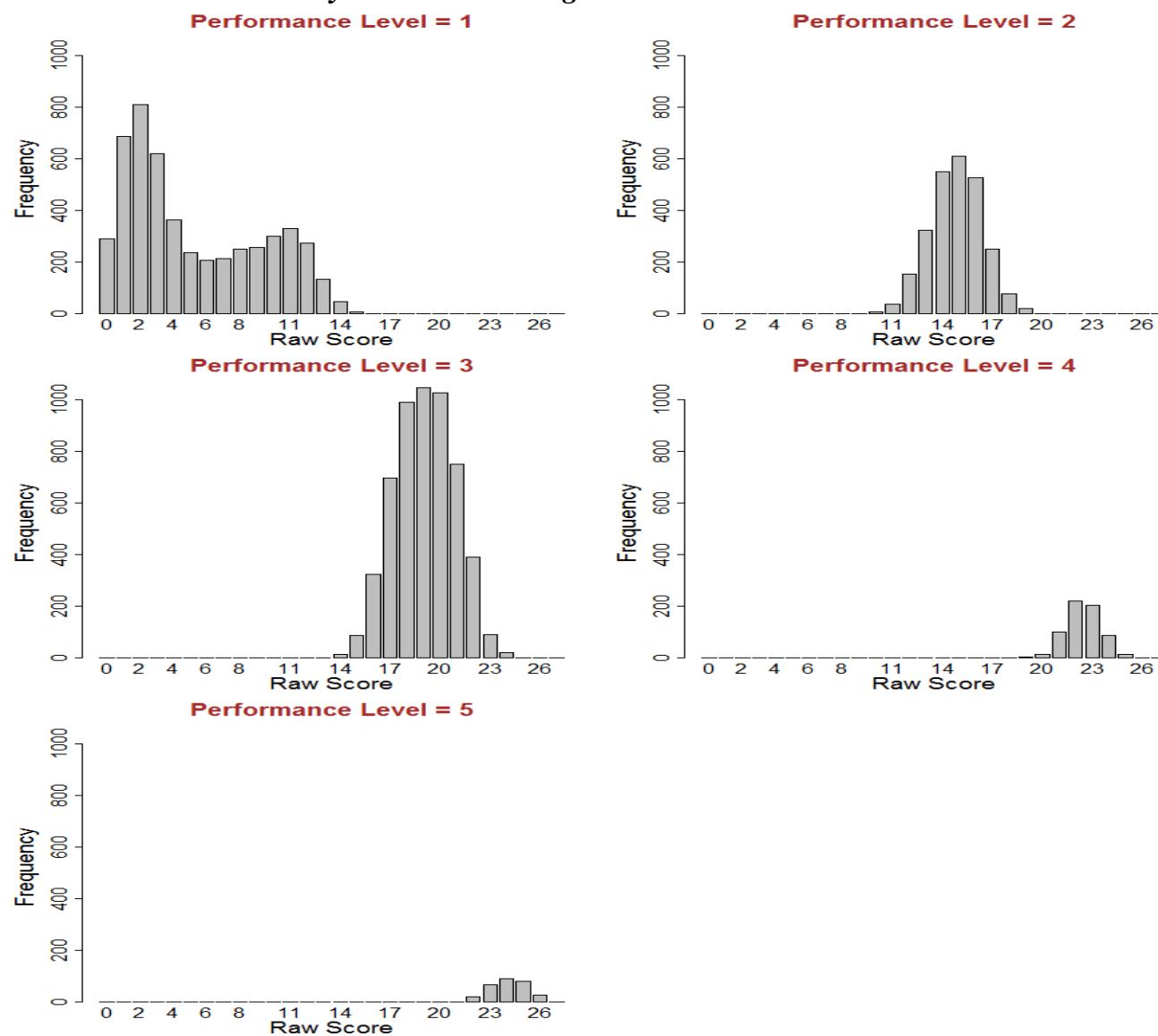
**Figure S3.47: Summative Raw Score Summary - Grade 9 Reading**

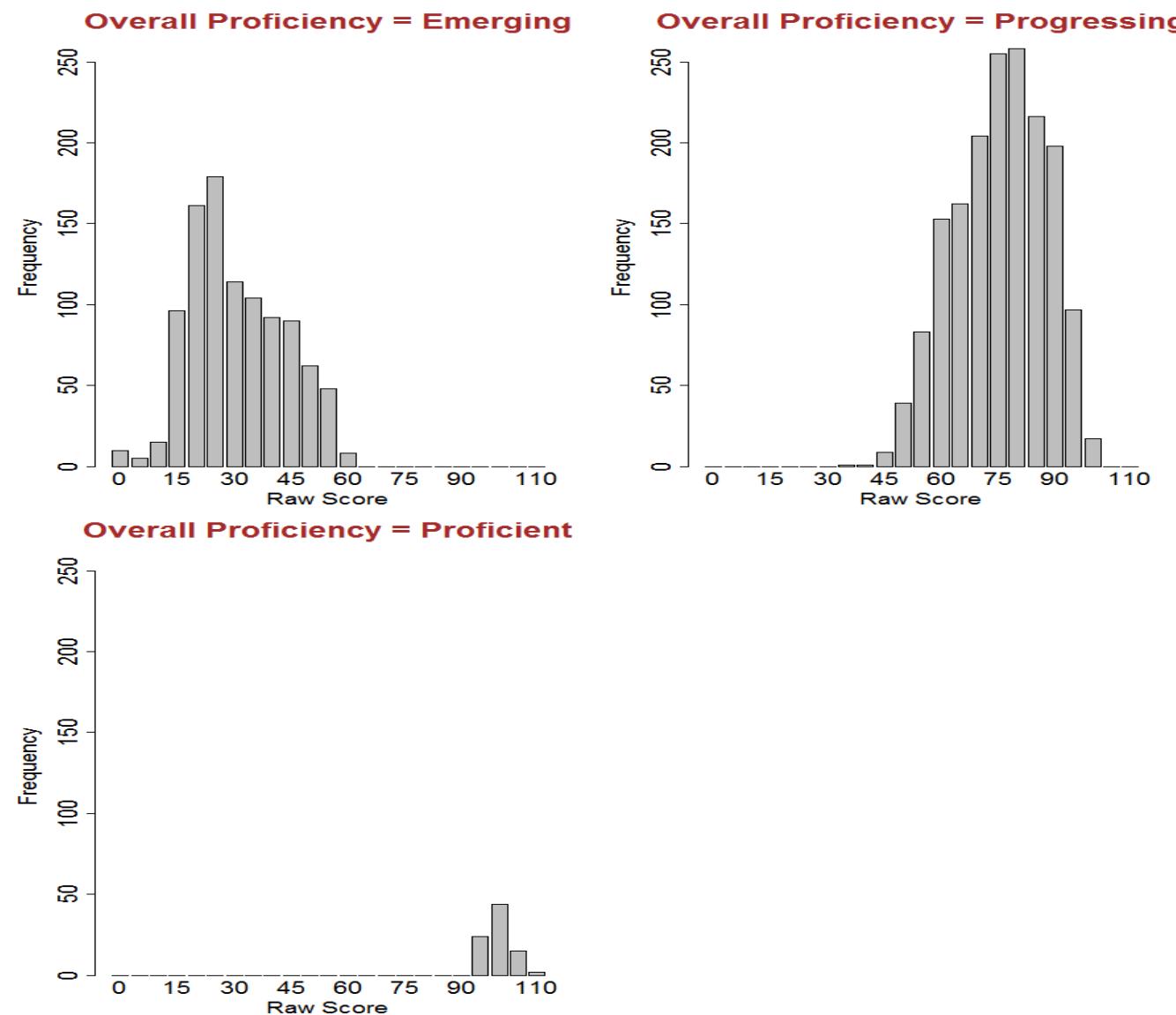


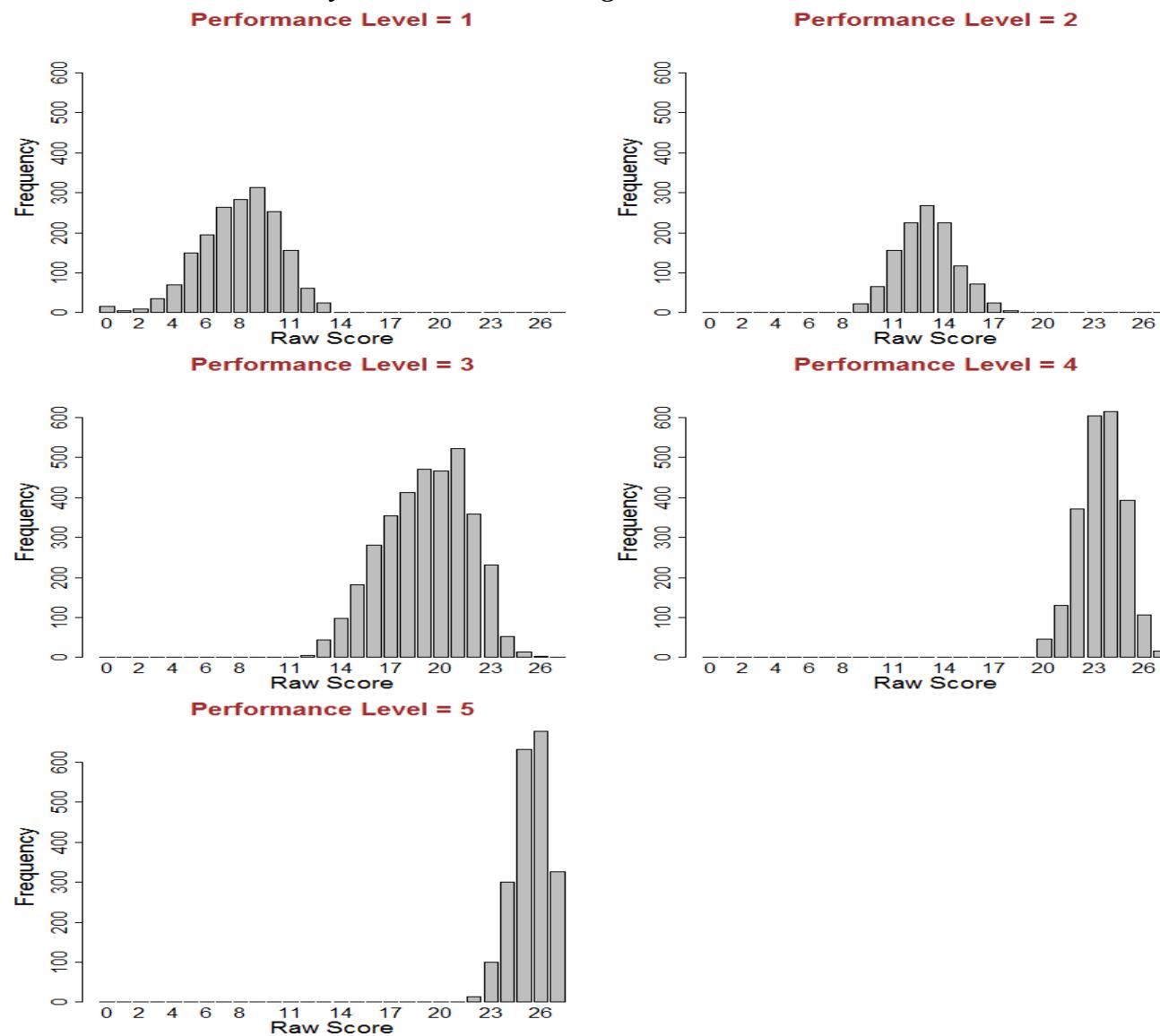
**Figure S3.48: Summative Raw Score Summary - Grade 9 Speaking**



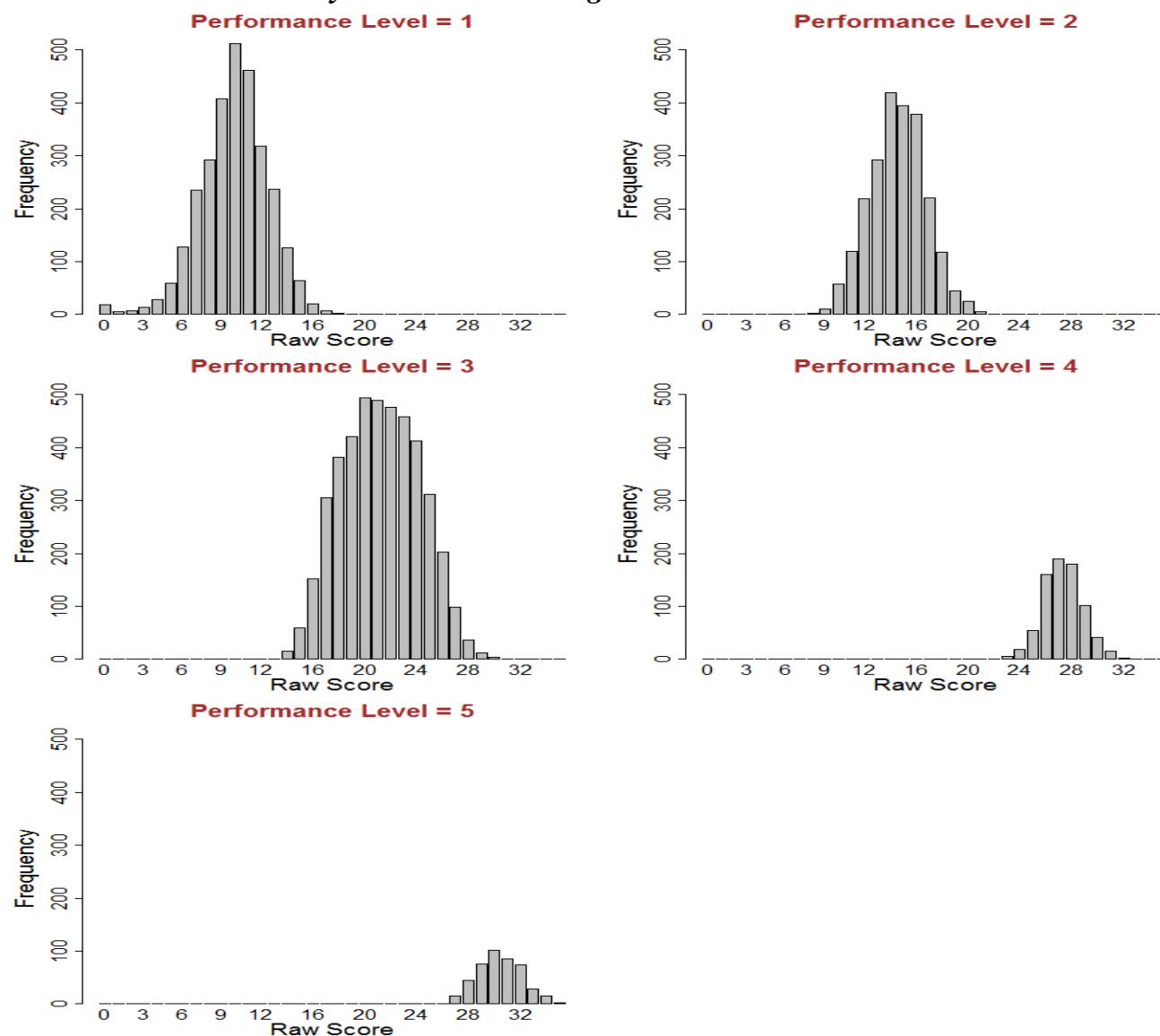
**Figure S3.49: Summative Raw Score Summary - Grade 9 Writing**



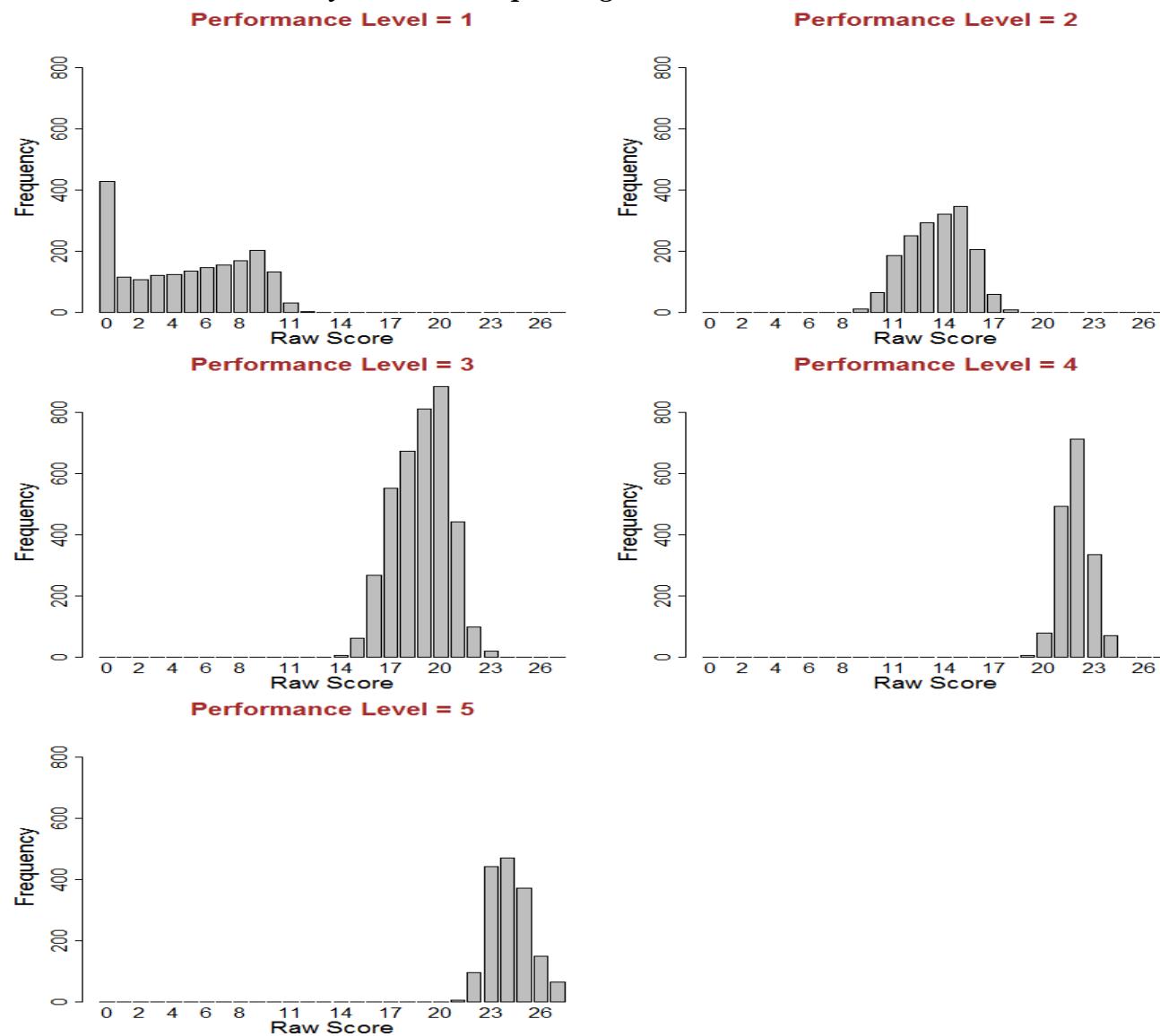
**Figure S3.50: Summative Raw Score Summary - Grade 9 Overall**

**Figure S3.51: Summative Raw Score Summary - Grade 10 Listening**

**Figure S3.52: Summative Raw Score Summary - Grade 10 Reading**



**Figure S3.53: Summative Raw Score Summary - Grade 10 Speaking**



**Figure S3.54: Summative Raw Score Summary - Grade 10 Writing**

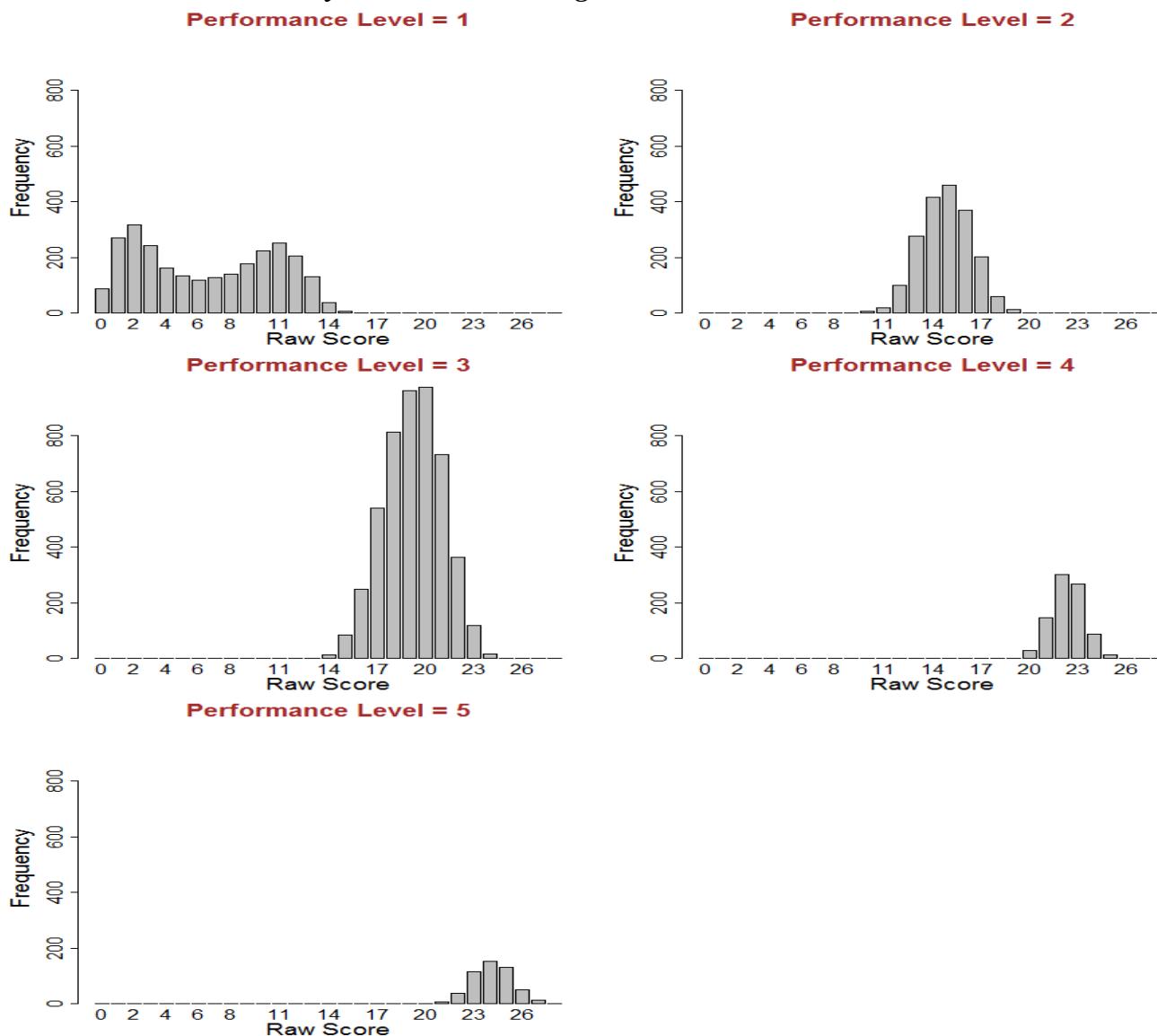
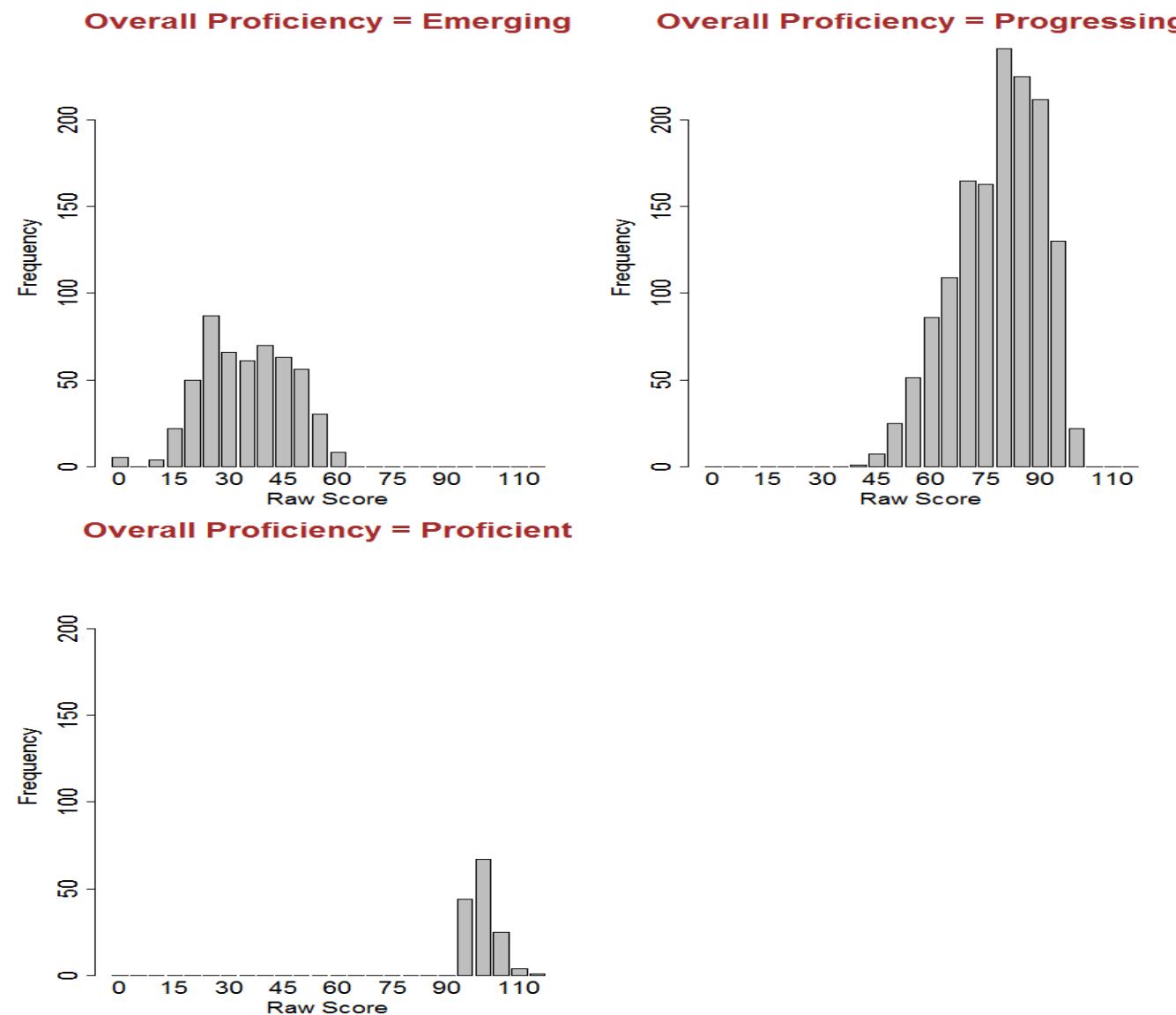
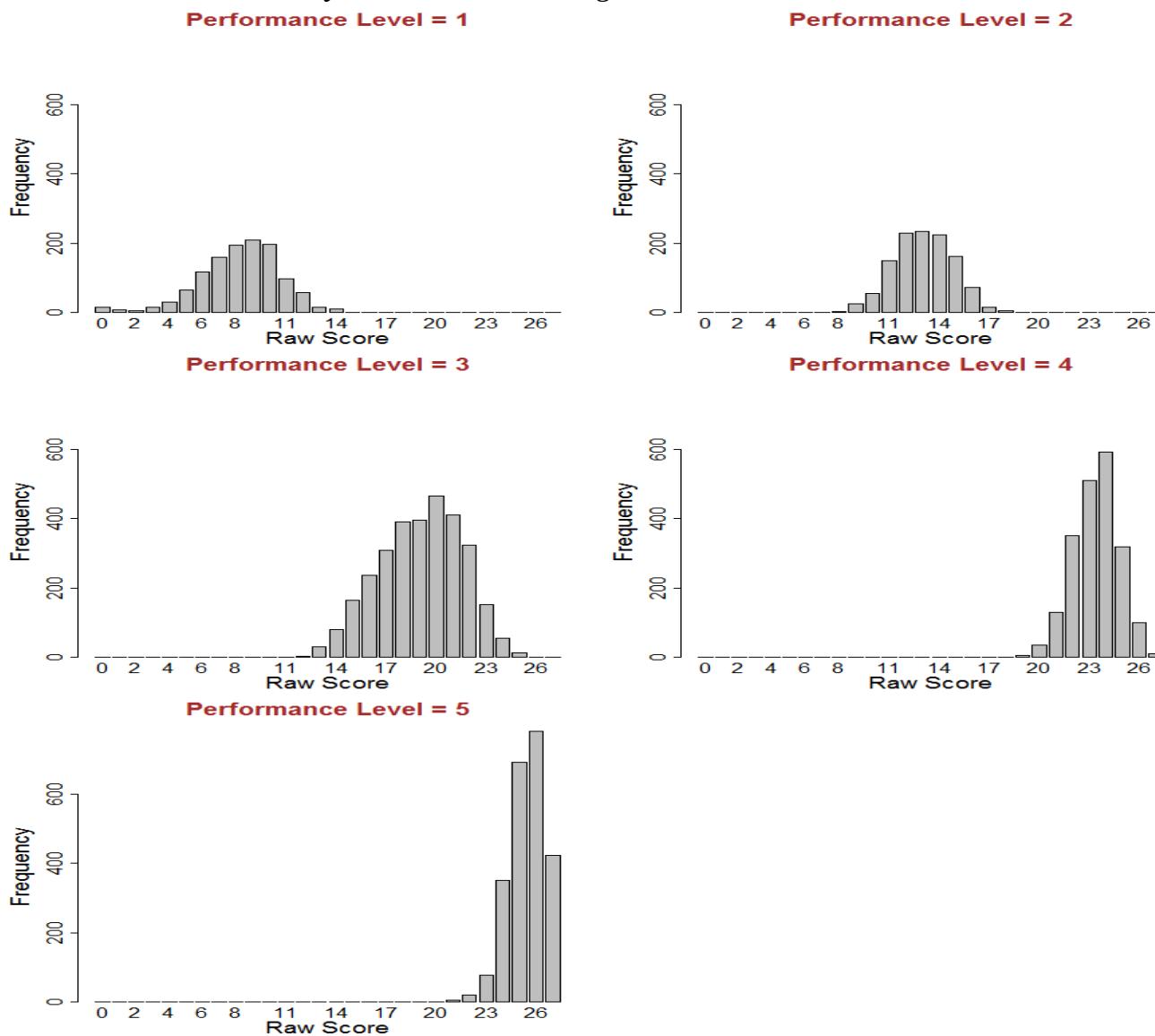


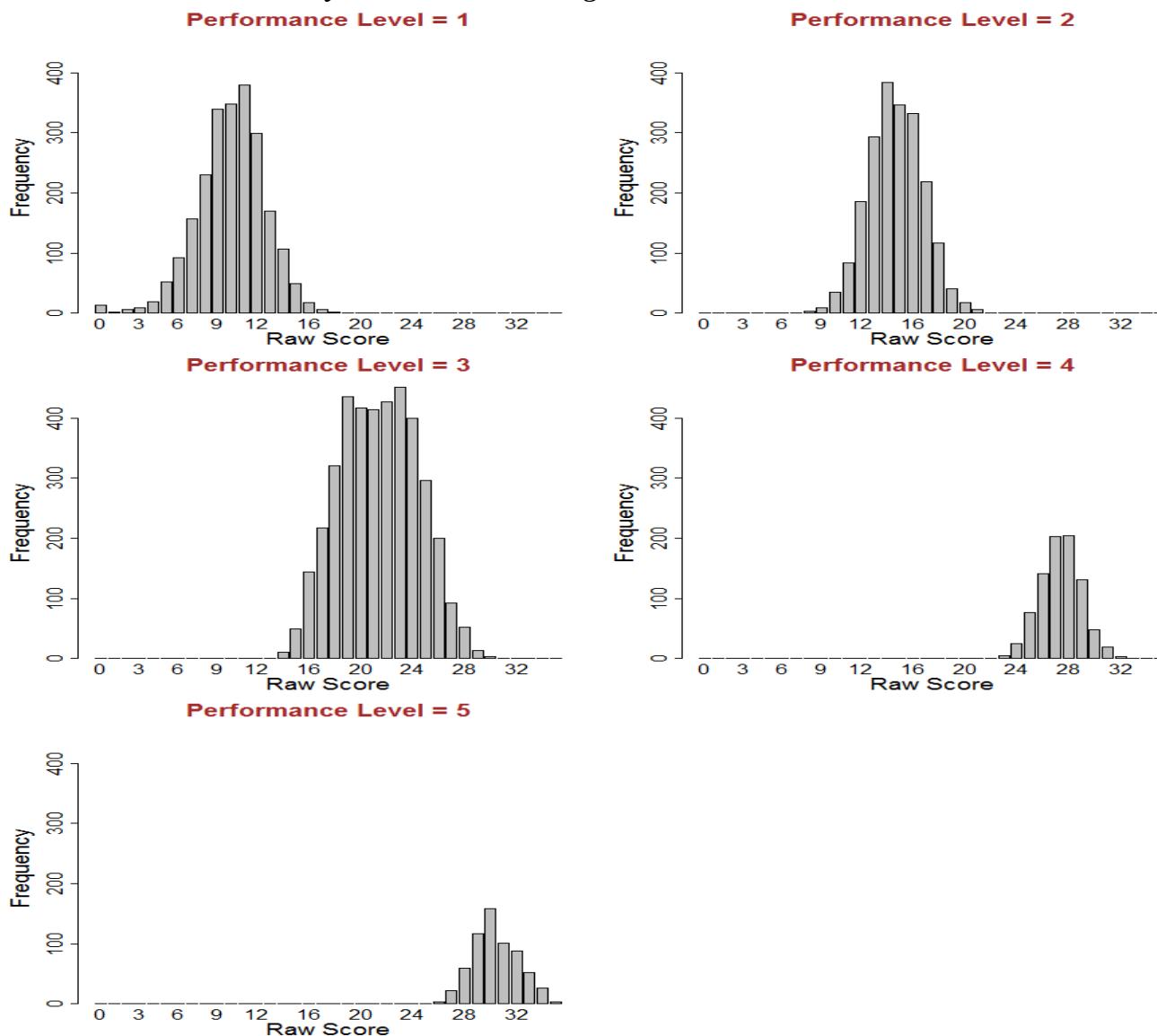
Figure S3.55: Summative Raw Score Summary - Grade 10 Overall



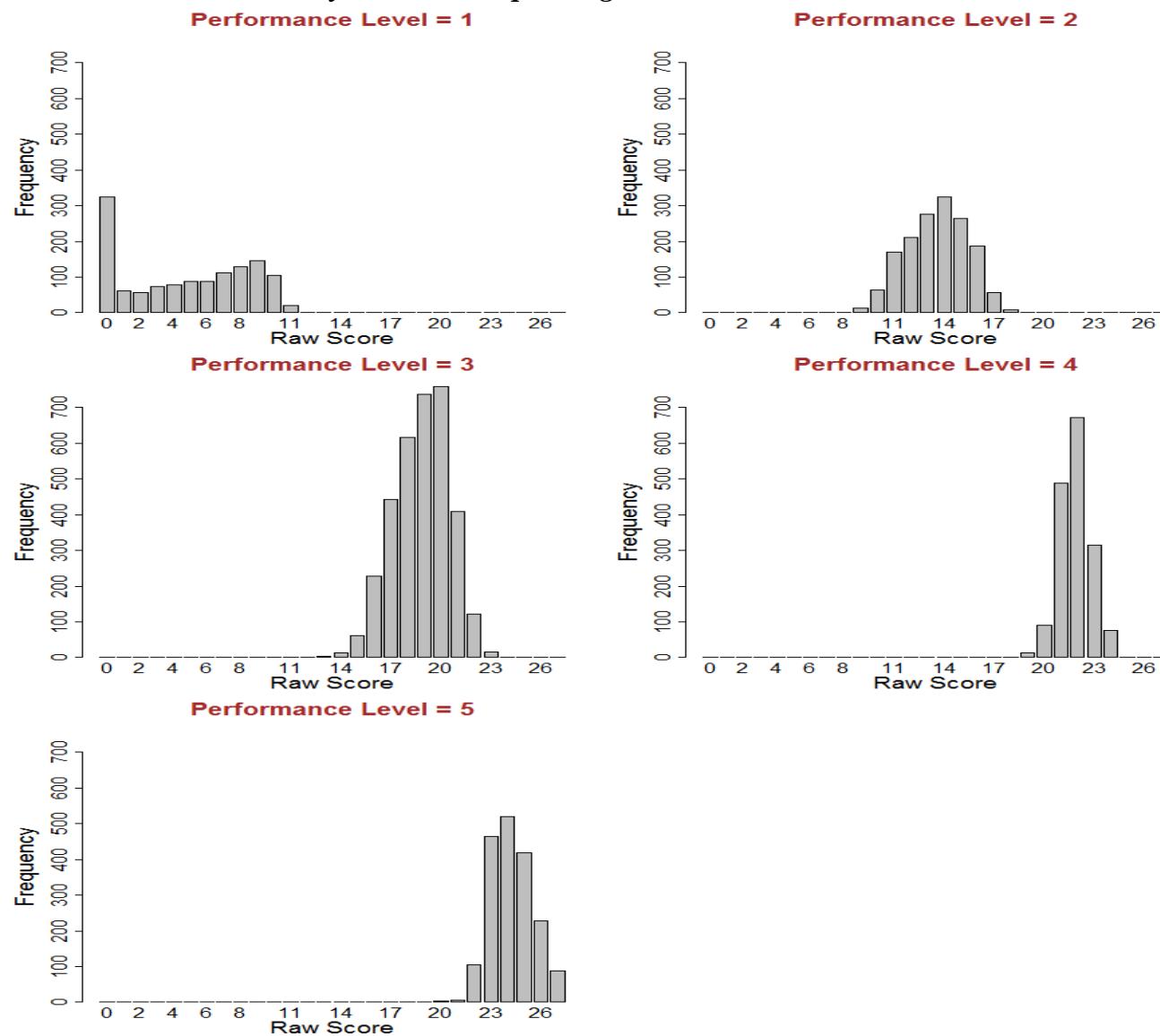
**Figure S3.56: Summative Raw Score Summary - Grade 11 Listening**



**Figure S3.57: Summative Raw Score Summary - Grade 11 Reading**



**Figure S3.58: Summative Raw Score Summary - Grade 11 Speaking**



**Figure S3.59: Summative Raw Score Summary - Grade 11 Writing**

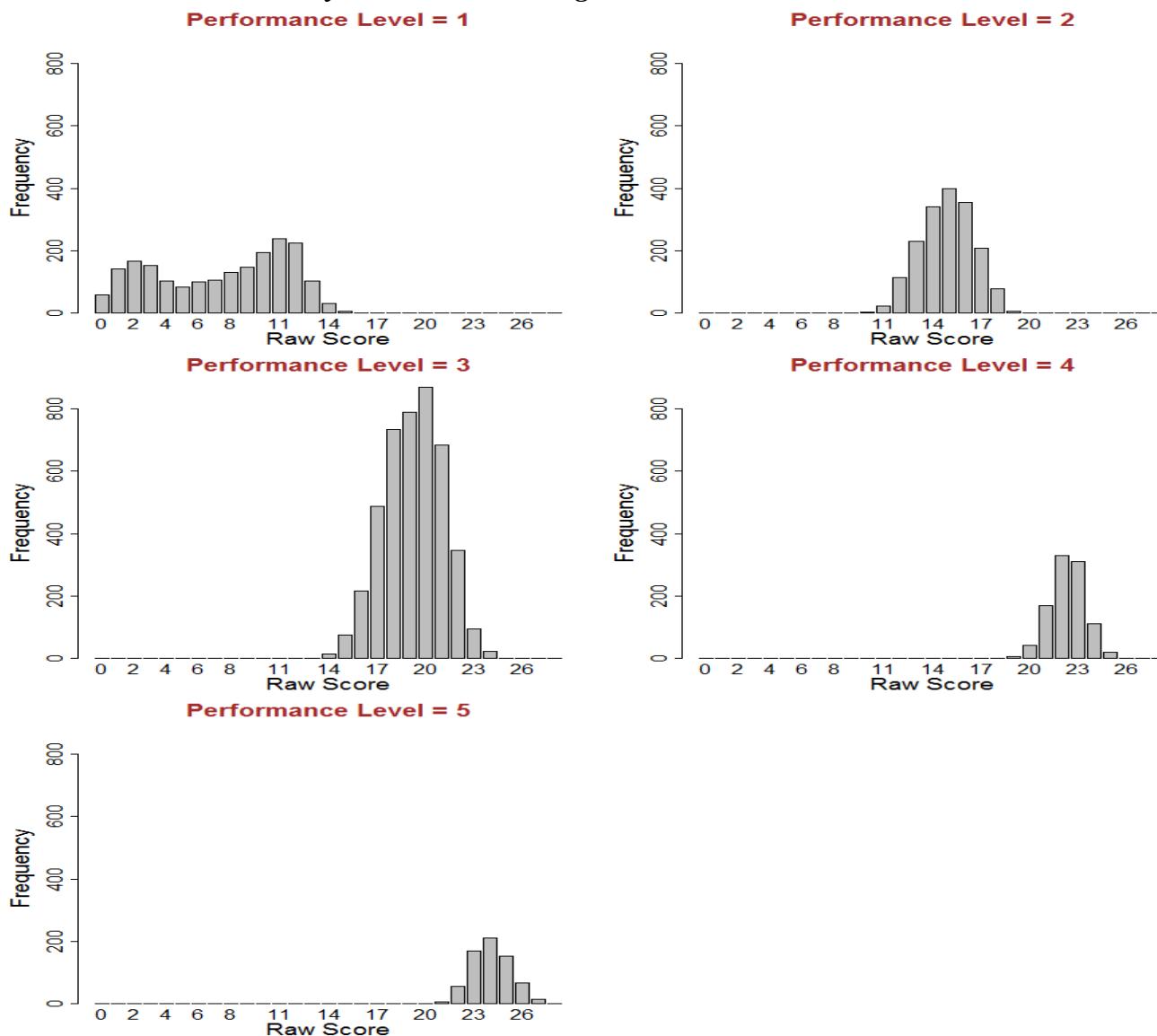
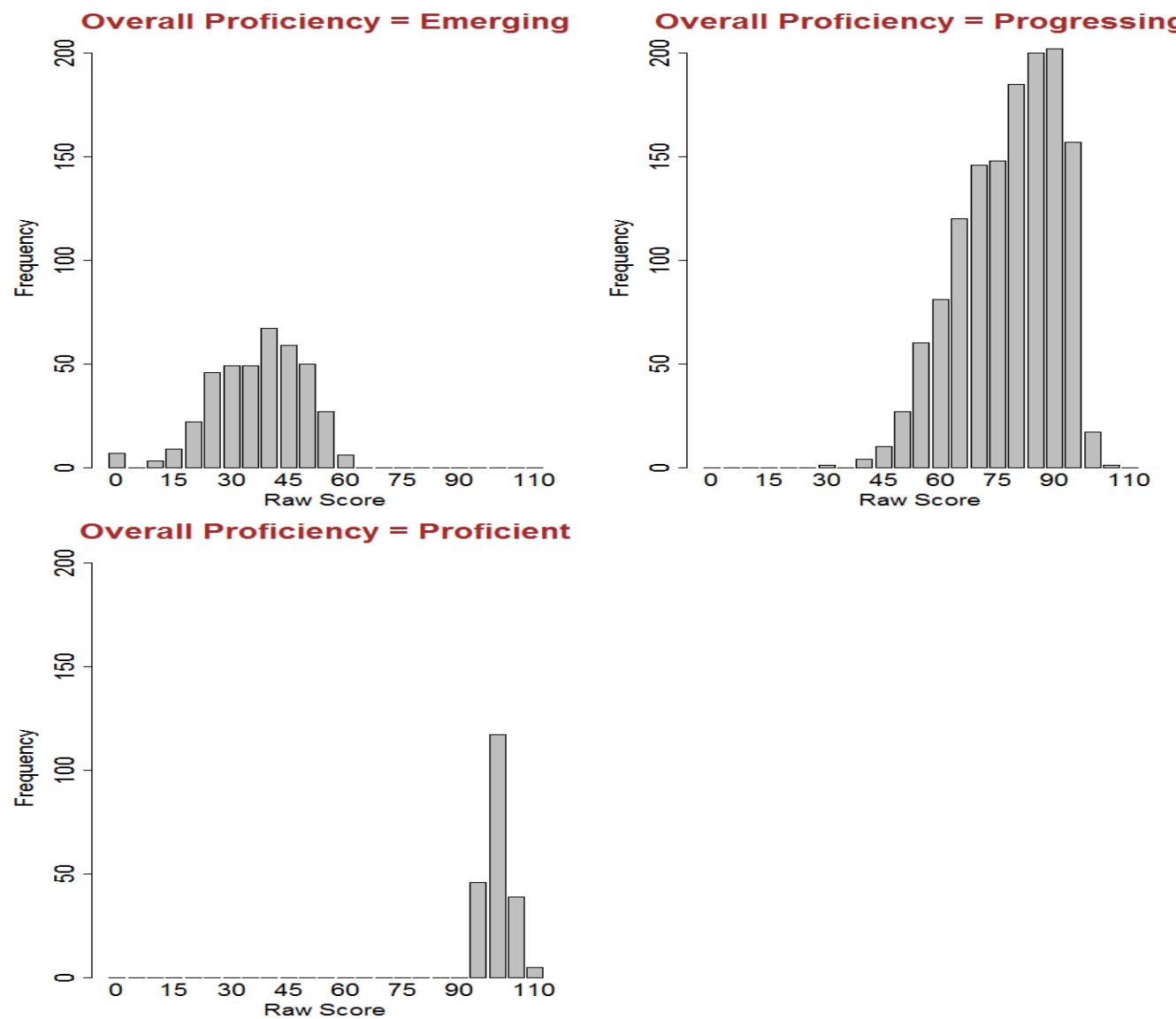
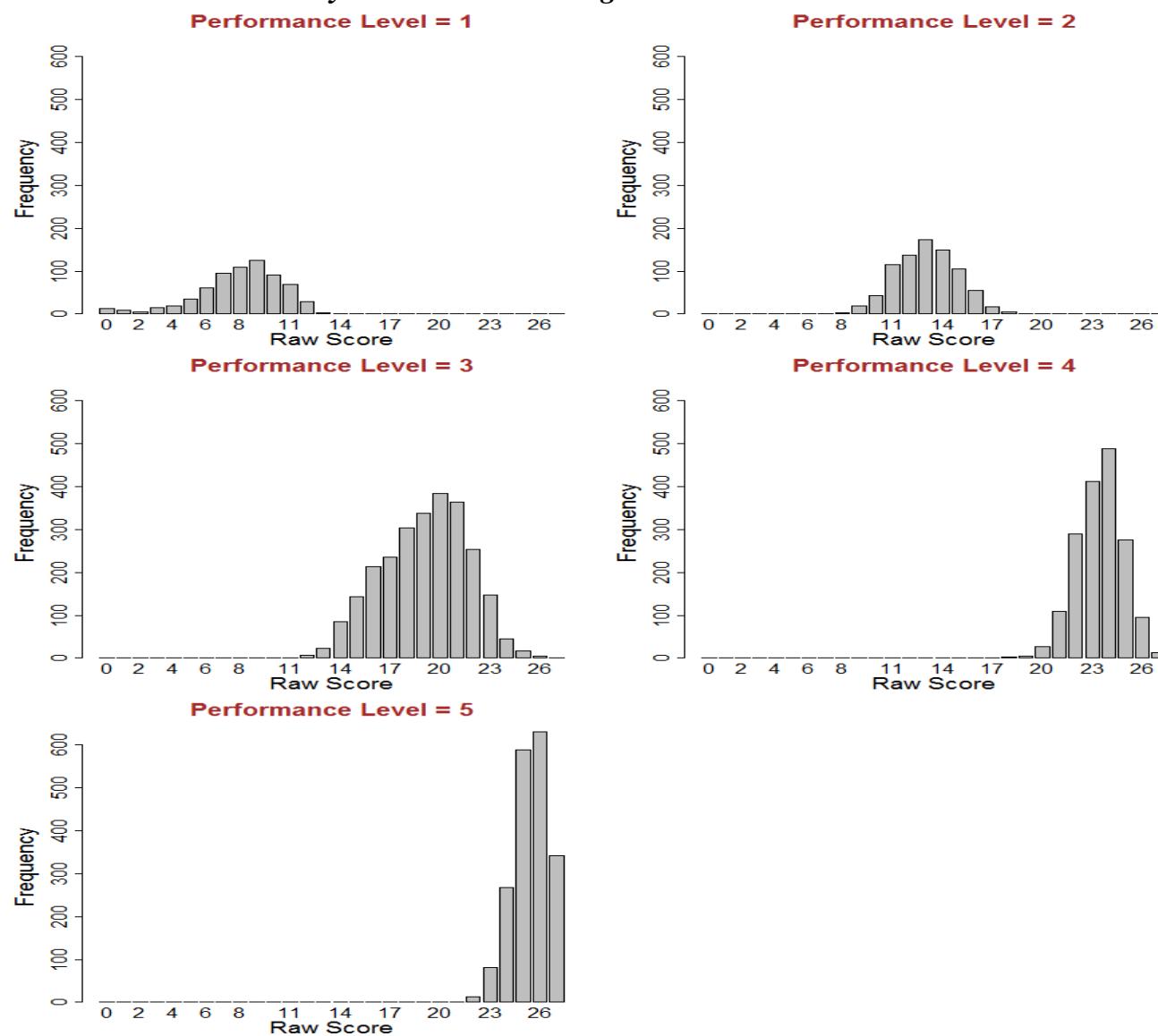


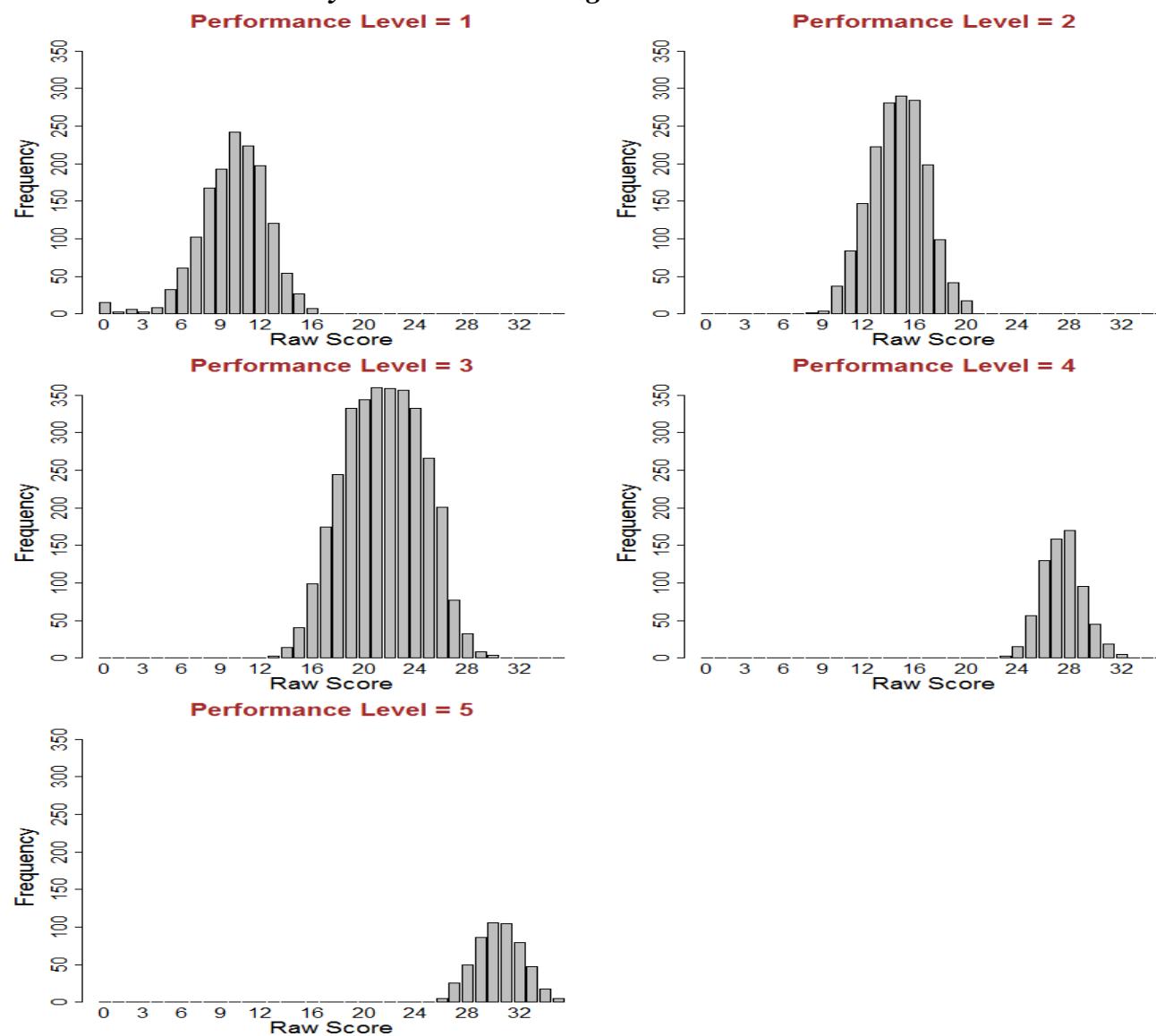
Figure S3.60: Summative Raw Score Summary - Grade 11 Overall



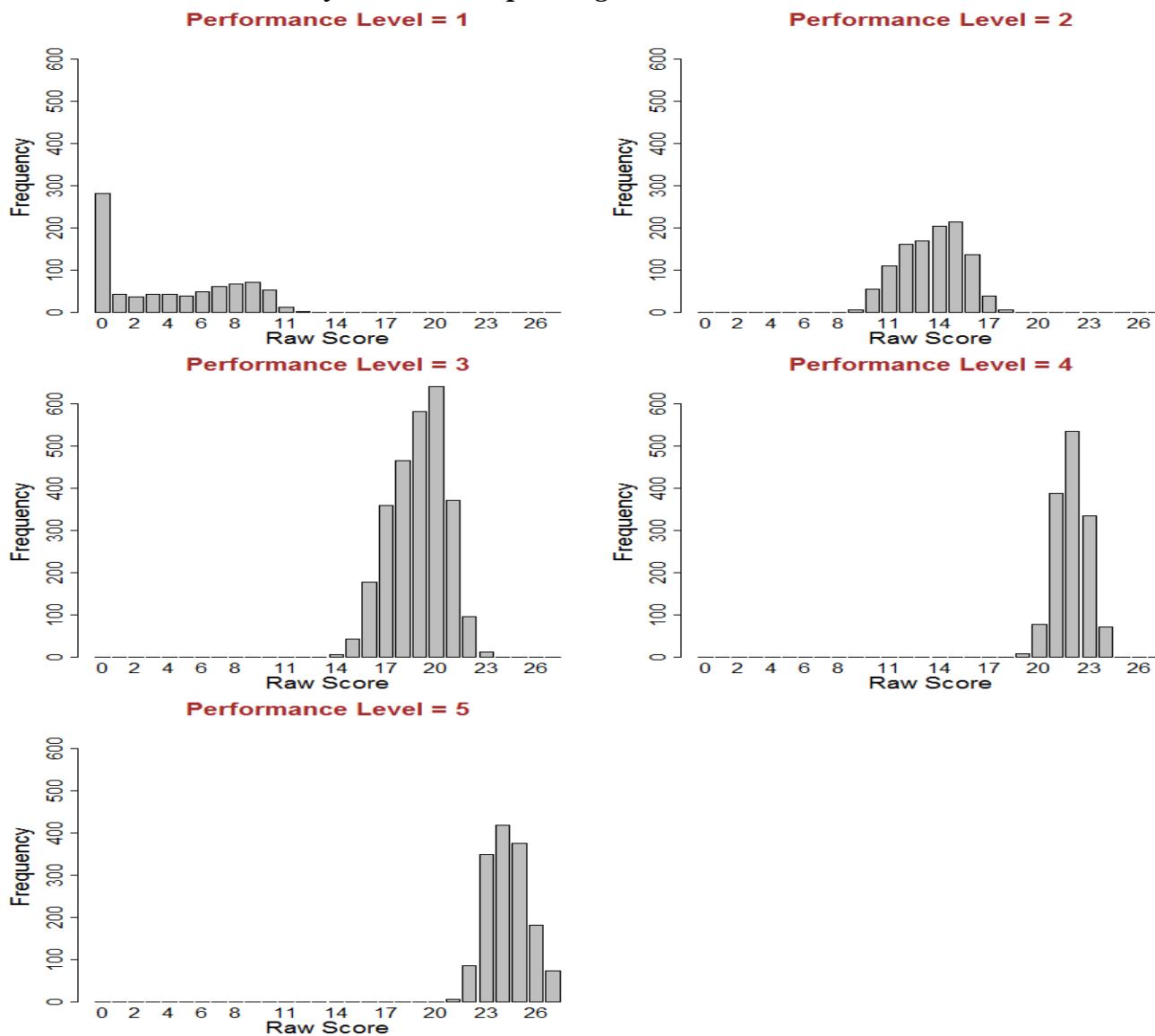
**Figure S3.61: Summative Raw Score Summary - Grade 12 Listening**



**Figure S3.62: Summative Raw Score Summary - Grade 12 Reading**



**Figure S3.63: Summative Raw Score Summary - Grade 12 Speaking**



**Figure S3.64: Summative Raw Score Summary - Grade 12 Writing**

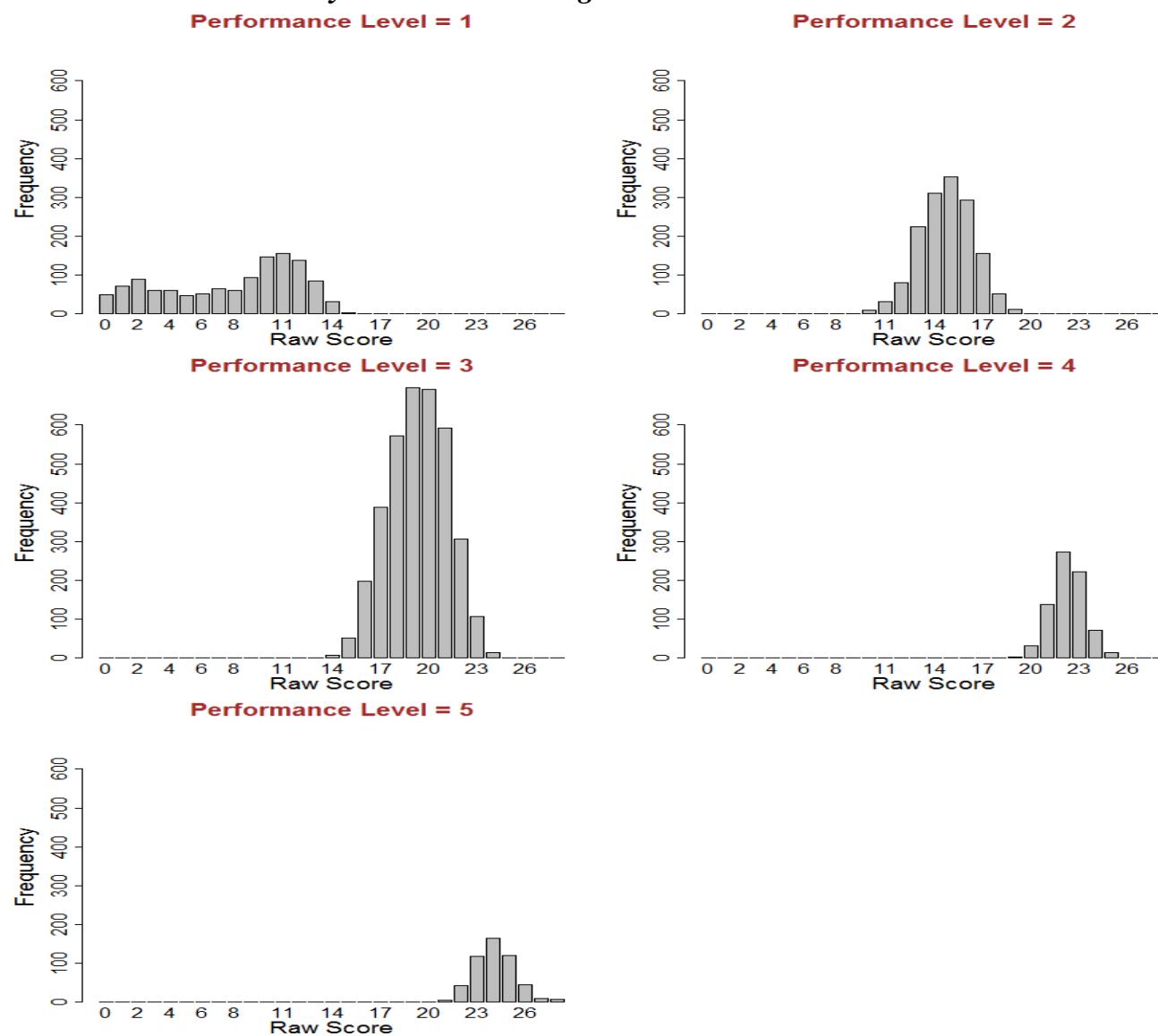
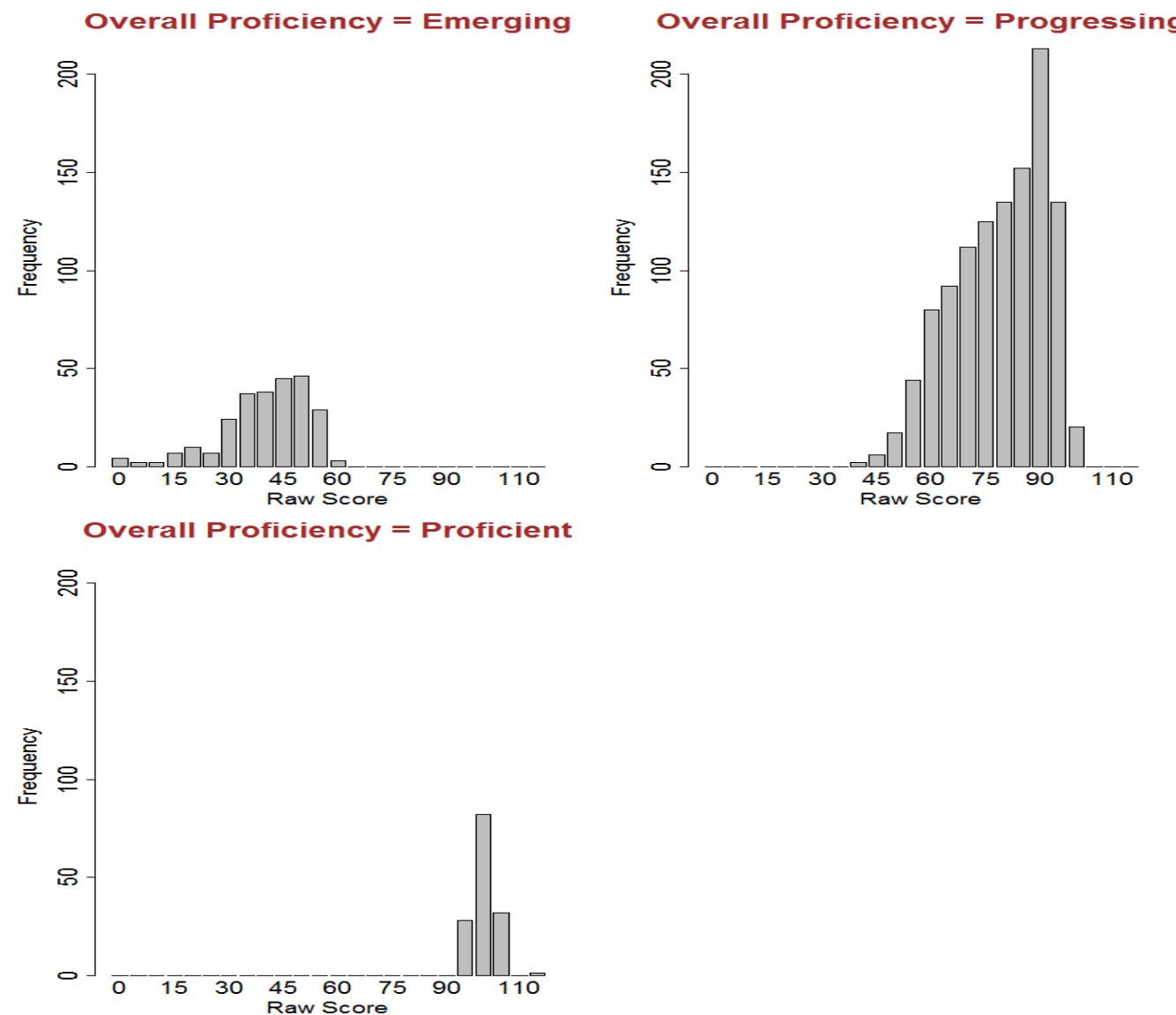


Figure S3.65: Summative Raw Score Summary - Grade 12 Overall



## **Section 4: 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 S4.1: Summative Scale Score Summary by Subgroup - Kindergarten**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 27,480	237	546.9	775	78.5	≥ 27,360	247	549.4	770	75.2
<b>Gender</b>	<b>Female</b>	≥ 13,390	237	556.6	775	77.8	≥ 13,360	247	558.2	770	74.9
	<b>Male</b>	≥ 13,930	237	537.5	775	77.9	≥ 13,840	247	540.8	770	74.5
	<b>Missing</b>	≥ 150	371	549.8	722	76.0	≥ 150	383	554.5	715	75.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	237	556.9	692	78.2	≥ 90	247	559.0	688	76.2
	<b>Asian</b>	≥ 4,080	237	567.1	775	79.2	≥ 4,040	247	570.2	770	75.7
	<b>Black or African American</b>	≥ 2,960	237	552.9	775	76.4	≥ 2,930	247	556.4	770	73.3
	<b>Hispanic or Latino</b>	≥ 16,090	237	537.9	775	76.6	≥ 16,050	247	540.3	770	73.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 50	423	554.7	673	54.1	≥ 50	419	560.8	675	50.8
	<b>Pacific Islander</b>	≥ 540	237	531.8	775	70.1	≥ 540	247	537.3	770	67.7
	<b>Two or More Races</b>	≥ 1,070	345	538.8	775	80.8	≥ 1,060	342	540.9	770	77.6
	<b>White</b>	≥ 2,510	251	570.5	775	80.8	≥ 2,500	260	570.5	770	78.5
	<b>Other/Unknown</b>	≥ 50	432	562.2	732	73.4	≥ 50	437	563.5	725	71.7

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 27,270	291	547.2	756	87.6	≥ 27,330	309	524.6	727	75.3
<b>Gender</b>	<b>Female</b>	≥ 13,330	291	557.1	756	86.5	≥ 13,360	309	528.3	723	74.7
	<b>Male</b>	≥ 13,790	291	537.5	756	87.6	≥ 13,820	309	520.9	727	75.6
	<b>Missing</b>	≥ 150	331	559.2	726	88.7	≥ 150	354	533.1	700	81.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	291	561.9	726	82.8	≥ 90	309	528.6	685	76.4
	<b>Asian</b>	≥ 4,020	291	570.4	756	82.5	≥ 4,040	309	557.5	723	80.0
	<b>Black or African American</b>	≥ 2,930	291	568.9	756	78.7	≥ 2,930	309	529.6	723	75.9
	<b>Hispanic or Latino</b>	≥ 16,020	291	533.6	756	87.7	≥ 16,040	309	512.5	723	69.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 50	479	580.8	680	50.4	≥ 50	429	536.6	683	71.1
	<b>Pacific Islander</b>	≥ 540	291	528.7	756	81.1	≥ 540	309	514.2	723	71.4
	<b>Two or More Races</b>	≥ 1,040	326	541.7	756	95.0	≥ 1,060	342	513.7	723	74.8
	<b>White</b>	≥ 2,490	310	575.8	756	83.9	≥ 2,500	316	549.3	727	80.5
	<b>Other/Unknown</b>	≥ 50	354	575.2	670	76.4	≥ 50	433	536.3	703	75.7

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.1: Summative Scale Score Summary by Subgroup - Kindergarten (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 27,490	3377	5497.9	6865	561.3	≥ 27,500	3185	5425.1	7178	590.2
<b>Gender</b>	<b>Female</b>	≥ 13,390	3377	5567.9	6865	558.4	≥ 13,400	3185	5491.7	7178	583.4
	<b>Male</b>	≥ 13,940	3377	5430.6	6865	556.2	≥ 13,950	3185	5360.5	7178	589.5
	<b>Missing</b>	≥ 150	4296	5509.4	6728	539.7	≥ 150	3862	5483.3	6717	605.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	3377	5569.1	6522	551.7	≥ 90	3185	5511.1	6691	598.1
	<b>Asian</b>	≥ 4,080	3377	5622.6	6865	557.1	≥ 4,090	3185	5622.0	7178	592.9
	<b>Black or African American</b>	≥ 2,960	3377	5531.8	6865	546.3	≥ 2,970	3185	5503.9	7178	561.8
	<b>Hispanic or Latino</b>	≥ 16,100	3377	5443.4	6865	554.8	≥ 16,110	3185	5336.1	7178	571.0
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 50	4515	5548.0	6354	376.6	≥ 50	4789	5565.7	6374	386.7
	<b>Pacific Islander</b>	≥ 540	3377	5400.0	6865	496.2	≥ 540	3185	5312.0	7178	552.5
	<b>Two or More Races</b>	≥ 1,070	4092	5437.3	6865	575.7	≥ 1,070	3768	5356.0	7178	612.2
	<b>White</b>	≥ 2,510	3377	5645.6	6865	575.2	≥ 2,510	3348	5626.3	7178	601.6
	<b>Other/Unknown</b>	≥ 50	4646	5593.8	6756	537.2	≥ 50	4528	5565.4	6741	531.8

\* Scale scores cannot be compared across grade bands.

**Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 25,530	239	549.3	712	74.4	≥ 25,400	241	537.6	744	80.7
<b>Gender</b>	<b>Female</b>	≥ 12,320	239	555.5	712	72.3	≥ 12,280	241	541.8	744	80.7
	<b>Male</b>	≥ 13,070	239	543.3	712	75.7	≥ 12,990	241	533.7	744	80.4
	<b>Missing</b>	≥ 120	326	548.4	712	74.8	≥ 120	265	532.4	744	84.5
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	381	557.6	680	66.9	≥ 90	408	531.3	721	80.8
	<b>Asian</b>	≥ 3,800	239	571.3	712	77.7	≥ 3,770	241	577.6	744	84.4
	<b>Black or African American</b>	≥ 2,820	239	551.6	712	74.9	≥ 2,780	241	548.2	744	80.5
	<b>Hispanic or Latino</b>	≥ 14,990	239	542.2	712	71.9	≥ 14,950	241	524.0	744	75.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 40	362	549.0	705	77.2	≥ 40	418	545.9	734	88.8
	<b>Pacific Islander</b>	≥ 490	295	532.2	705	66.9	≥ 490	278	524.3	734	74.5
	<b>Two or More Races</b>	≥ 970	239	535.1	712	77.0	≥ 960	241	517.7	744	79.2
	<b>White</b>	≥ 2,270	239	565.2	712	74.3	≥ 2,260	241	559.2	744	80.9
	<b>Other/Unknown</b>	≥ 30	387	567.9	712	71.8	≥ 30	402	561.6	744	84.2

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 25,370	265	559.3	736	80.1	≥ 25,390	245	527.7	733	89.1
<b>Gender</b>	<b>Female</b>	≥ 12,270	265	566.4	736	79.1	≥ 12,270	245	533.6	733	88.1
	<b>Male</b>	≥ 12,970	265	552.5	736	80.3	≥ 12,990	245	522.2	733	89.6
	<b>Missing</b>	≥ 120	275	557.3	736	91.3	≥ 120	271	520.1	733	92.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	331	555.1	688	71.1	≥ 90	367	516.4	706	94.4
	<b>Asian</b>	≥ 3,750	265	583.8	736	77.9	≥ 3,770	245	571.2	733	86.2
	<b>Black or African American</b>	≥ 2,780	265	575.3	736	70.9	≥ 2,780	245	539.7	733	86.9
	<b>Hispanic or Latino</b>	≥ 14,940	265	548.3	736	80.3	≥ 14,950	245	512.2	733	85.8
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 40	354	565.7	720	80.7	≥ 40	371	537.5	721	99.8
	<b>Pacific Islander</b>	≥ 490	278	540.4	707	74.6	≥ 490	276	518.6	721	84.8
	<b>Two or More Races</b>	≥ 950	265	550.1	736	84.9	≥ 960	245	505.5	733	90.6
	<b>White</b>	≥ 2,260	265	578.9	736	75.7	≥ 2,250	245	554.1	733	84.8
	<b>Other/Unknown</b>	≥ 30	355	581.4	736	80.5	≥ 30	371	548.6	733	86.3

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.2: Summative Scale Score Summary by Subgroup - Grade 1 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 25,550	3428	5460.7	6633	526.0	≥ 25,550	3021	5446.2	6998	620.2
<b>Gender</b>	<b>Female</b>	≥ 12,330	3428	5496.1	6633	517.9	≥ 12,330	3021	5497.0	6998	611.7
	<b>Male</b>	≥ 13,090	3428	5427.4	6633	531.2	≥ 13,090	3021	5398.7	6998	624.0
	<b>Missing</b>	≥ 120	3793	5449.1	6633	545.7	≥ 120	3314	5418.6	6998	655.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	4411	5482.5	6530	511.5	≥ 90	4051	5416.8	6673	594.0
	<b>Asian</b>	≥ 3,800	3428	5673.9	6633	559.3	≥ 3,800	3021	5711.8	6998	627.1
	<b>Black or African American</b>	≥ 2,820	3428	5498.0	6633	527.9	≥ 2,820	3021	5524.6	6998	601.3
	<b>Hispanic or Latino</b>	≥ 15,000	3428	5391.5	6633	497.7	≥ 15,000	3021	5350.5	6998	596.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 40	4379	5474.1	6633	559.5	≥ 40	4170	5496.6	6849	674.9
	<b>Pacific Islander</b>	≥ 500	3774	5344.5	6633	472.5	≥ 500	3332	5325.7	6849	575.8
	<b>Two or More Races</b>	≥ 970	3428	5337.5	6633	526.8	≥ 970	3021	5307.3	6998	637.1
	<b>White</b>	≥ 2,280	3428	5588.2	6633	530.0	≥ 2,280	3021	5619.9	6998	602.7
	<b>Other/Unknown</b>	≥ 30	4441	5625.0	6633	533.0	≥ 30	4083	5627.7	6998	619.0

\* Scale scores cannot be compared across grade bands.

**Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 23,190	229	527.9	742	71.1	≥ 23,070	228	511.8	766	71.7
<b>Gender</b>	<b>Female</b>	≥ 11,190	229	531.7	742	70.3	≥ 11,150	228	517.1	766	71.7
	<b>Male</b>	≥ 11,880	229	524.4	731	71.5	≥ 11,810	228	506.8	751	71.4
	<b>Missing</b>	≥ 100	312	532.2	678	74.4	≥ 100	334	519.2	680	73.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	354	519.1	660	70.8	≥ 50	378	507.6	684	77.1
	<b>Asian</b>	≥ 3,260	229	543.4	731	73.3	≥ 3,230	228	538.4	751	73.5
	<b>Black or African American</b>	≥ 2,570	240	531.1	712	69.0	≥ 2,550	249	516.1	720	69.1
	<b>Hispanic or Latino</b>	≥ 13,770	229	523.2	714	69.8	≥ 13,730	228	503.6	735	69.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	397	537.3	644	53.8	≥ 30	397	533.2	660	60.0
	<b>Pacific Islander</b>	≥ 500	229	508.5	708	65.8	≥ 490	228	496.7	714	67.1
	<b>Two or More Races</b>	≥ 970	272	517.2	742	75.9	≥ 960	331	499.5	766	74.4
	<b>White</b>	≥ 1,980	256	541.3	723	71.6	≥ 1,960	279	529.1	740	72.0
	<b>Other/Unknown</b>	≥ 20	459	543.6	642	50.6	≥ 20	395	516.8	648	68.2

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 23,050	252	540.0	747	74.8	≥ 23,060	235	508.2	765	75.6
<b>Gender</b>	<b>Female</b>	≥ 11,150	252	546.6	747	73.8	≥ 11,150	235	515.1	765	74.5
	<b>Male</b>	≥ 11,790	252	533.7	733	75.3	≥ 11,800	235	501.7	751	76.0
	<b>Missing</b>	≥ 100	293	545.2	675	78.6	≥ 100	352	511.1	641	75.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	324	530.2	659	78.2	≥ 50	356	494.5	661	84.4
	<b>Asian</b>	≥ 3,230	252	554.9	718	74.6	≥ 3,230	235	534.2	751	74.5
	<b>Black or African American</b>	≥ 2,550	263	547.9	725	66.6	≥ 2,540	256	512.9	726	72.9
	<b>Hispanic or Latino</b>	≥ 13,710	252	534.3	716	75.0	≥ 13,730	235	500.0	736	74.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	481	562.5	686	47.4	≥ 30	379	538.2	630	52.1
	<b>Pacific Islander</b>	≥ 490	252	522.9	677	69.3	≥ 490	235	497.7	723	71.0
	<b>Two or More Races</b>	≥ 960	295	525.9	747	84.0	≥ 960	312	492.9	765	79.9
	<b>White</b>	≥ 1,970	276	555.7	733	74.2	≥ 1,960	286	527.0	729	74.0
	<b>Other/Unknown</b>	≥ 20	432	556.9	623	44.2	≥ 20	377	518.4	625	66.2

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.3: Summative Scale Score Summary by Subgroup - Grade 2 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 23,200	3300	5283.0	6729	516.6	≥ 23,210	2968	5267.6	7156	565.2
<b>Gender</b>	<b>Female</b>	≥ 11,190	3300	5311.3	6729	512.9	≥ 11,200	2968	5314.5	7156	558.4
	<b>Male</b>	≥ 11,890	3300	5255.9	6729	518.3	≥ 11,910	2968	5223.1	6977	567.9
	<b>Missing</b>	≥ 100	4007	5341.3	6729	562.4	≥ 100	3735	5307.2	6491	581.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	4202	5251.4	6524	530.7	≥ 50	3972	5192.4	6406	605.8
	<b>Asian</b>	≥ 3,260	3300	5442.4	6729	542.4	≥ 3,260	2968	5436.6	6977	575.6
	<b>Black or African American</b>	≥ 2,570	3300	5306.1	6729	502.9	≥ 2,580	3129	5303.2	6870	536.8
	<b>Hispanic or Latino</b>	≥ 13,770	3300	5235.7	6729	500.5	≥ 13,780	2968	5213.8	6811	554.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	4359	5375.7	6285	420.1	≥ 30	4359	5442.0	6209	392.1
	<b>Pacific Islander</b>	≥ 500	3300	5146.5	6729	477.9	≥ 500	2968	5143.3	6678	521.1
	<b>Two or More Races</b>	≥ 970	3659	5202.6	6729	541.0	≥ 970	3610	5158.8	7156	610.7
	<b>White</b>	≥ 1,980	3478	5391.4	6729	525.8	≥ 1,980	3305	5399.2	6971	562.3
	<b>Other/Unknown</b>	≥ 20	4658	5355.5	6320	443.6	≥ 20	4589	5369.1	6181	420.9

\* Scale scores cannot be compared across grade bands.

**Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 18,230	229	550.6	742	74.4	≥ 18,090	228	543.5	766	75.4
<b>Gender</b>	<b>Female</b>	≥ 8,520	229	553.5	742	74.2	≥ 8,480	228	549.7	766	75.5
	<b>Male</b>	≥ 9,670	229	548.2	742	74.4	≥ 9,570	228	538.1	766	74.8
	<b>Missing</b>	≥ 30	297	535.6	656	80.8	≥ 30	262	526.8	654	82.3
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	229	547.7	676	96.6	≥ 50	228	549.7	710	99.1
	<b>Asian</b>	≥ 2,120	229	559.9	742	75.4	≥ 2,100	228	562.5	766	74.3
	<b>Black or African American</b>	≥ 1,930	240	555.1	742	69.7	≥ 1,900	249	548.4	766	72.4
	<b>Hispanic or Latino</b>	≥ 11,400	229	548.3	715	73.6	≥ 11,350	228	538.4	724	74.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	412	554.9	659	66.7	≥ 20	415	546.8	662	67.5
	<b>Pacific Islander</b>	≥ 430	229	532.5	684	69.6	≥ 430	228	534.4	708	73.0
	<b>Two or More Races</b>	≥ 820	317	544.6	724	80.6	≥ 810	359	535.6	741	77.9
	<b>White</b>	≥ 1,410	229	558.0	717	79.6	≥ 1,390	228	556.7	727	78.1
	<b>Other/Unknown</b>	≥ 10	400	559.6	669	70.8	≥ 10	429	558.5	685	72.8

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 18,110	252	563.6	747	77.2	≥ 18,110	235	541.5	765	77.1
<b>Gender</b>	<b>Female</b>	≥ 8,480	252	569.5	747	76.7	≥ 8,490	235	548.5	765	76.3
	<b>Male</b>	≥ 9,590	252	558.4	747	77.3	≥ 9,580	235	535.5	765	77.3
	<b>Missing</b>	≥ 30	299	549.4	637	81.6	≥ 30	269	522.8	636	81.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	252	567.7	717	105.0	≥ 50	235	547.8	692	96.3
	<b>Asian</b>	≥ 2,100	252	571.2	747	76.9	≥ 2,100	235	558.4	765	74.4
	<b>Black or African American</b>	≥ 1,900	272	572.2	747	66.9	≥ 1,900	256	546.9	765	74.1
	<b>Hispanic or Latino</b>	≥ 11,360	252	560.5	727	77.4	≥ 11,350	235	536.7	728	76.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	472	575.0	701	53.7	≥ 20	390	556.2	666	61.6
	<b>Pacific Islander</b>	≥ 430	252	552.4	693	74.3	≥ 430	235	534.8	701	73.0
	<b>Two or More Races</b>	≥ 810	295	555.5	731	84.1	≥ 810	330	533.0	742	82.0
	<b>White</b>	≥ 1,390	252	573.2	729	82.4	≥ 1,390	235	554.4	726	79.5
	<b>Other/Unknown</b>	≥ 10	351	568.8	682	87.6	≥ 10	399	553.3	687	75.9

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.4: Summative Scale Score Summary by Subgroup - Grade 3 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 18,250	3300	5476.4	6729	544.9	≥ 18,250	2968	5494.5	7156	589.9
<b>Gender</b>	<b>Female</b>	≥ 8,530	3300	5505.7	6729	543.0	≥ 8,530	2968	5540.9	7156	585.9
	<b>Male</b>	≥ 9,680	3300	5451.0	6729	545.0	≥ 9,680	2968	5454.1	7156	590.3
	<b>Missing</b>	≥ 30	3613	5380.9	6549	609.6	≥ 30	3348	5369.3	6188	632.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	3300	5471.9	6486	699.1	≥ 50	2968	5504.0	6708	791.9
	<b>Asian</b>	≥ 2,120	3300	5587.3	6729	552.0	≥ 2,120	2968	5600.0	7156	588.8
	<b>Black or African American</b>	≥ 1,940	3300	5502.9	6729	519.5	≥ 1,940	3129	5535.6	7156	550.7
	<b>Hispanic or Latino</b>	≥ 11,410	3300	5449.8	6729	538.0	≥ 11,410	2968	5465.1	6900	585.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	4580	5480.2	6334	488.2	≥ 30	4632	5569.4	6509	468.5
	<b>Pacific Islander</b>	≥ 430	3300	5371.7	6598	524.2	≥ 430	2968	5405.3	6549	559.1
	<b>Two or More Races</b>	≥ 820	4006	5427.5	6729	570.9	≥ 820	3711	5433.4	6960	632.3
	<b>White</b>	≥ 1,410	3300	5547.5	6729	577.5	≥ 1,410	2968	5577.2	6916	627.2
	<b>Other/Unknown</b>	≥ 10	4550	5570.0	6550	513.1	≥ 10	4232	5582.5	6396	584.6

\* Scale scores cannot be compared across grade bands.

**Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 15,140	213	515.2	735	73.4	≥ 15,010	228	509.6	733	67.9
<b>Gender</b>	<b>Female</b>	≥ 6,780	213	516.3	735	73.0	≥ 6,730	228	512.5	733	67.0
	<b>Male</b>	≥ 8,320	213	514.4	723	73.8	≥ 8,240	228	507.4	716	68.4
	<b>Missing</b>	≥ 30	213	507.5	649	88.0	≥ 30	228	503.5	696	82.5
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	404	513.9	636	67.5	≥ 40	384	510.8	670	63.0
	<b>Asian</b>	≥ 1,660	213	527.2	715	76.6	≥ 1,640	228	526.8	712	70.0
	<b>Black or African American</b>	≥ 1,620	213	516.1	696	69.4	≥ 1,590	228	509.5	717	64.7
	<b>Hispanic or Latino</b>	≥ 9,540	213	513.5	735	72.5	≥ 9,500	228	506.4	733	67.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	344	500.9	629	73.5	≥ 20	389	514.5	627	58.7
	<b>Pacific Islander</b>	≥ 420	257	500.9	669	67.2	≥ 420	250	501.0	689	61.6
	<b>Two or More Races</b>	≥ 660	283	504.7	670	78.1	≥ 650	266	502.0	676	69.8
	<b>White</b>	≥ 1,130	248	523.1	698	78.6	≥ 1,110	246	519.9	711	70.9
	<b>Other/Unknown</b>	≥ 10	363	507.7	640	106.5	≥ 10	390	514.8	616	83.1

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 15,030	237	537.3	746	81.6	≥ 15,020	221	505.9	747	75.7
<b>Gender</b>	<b>Female</b>	≥ 6,740	237	542.3	746	81.3	≥ 6,740	221	510.7	747	74.8
	<b>Male</b>	≥ 8,250	237	533.3	737	81.5	≥ 8,250	221	501.9	735	76.1
	<b>Missing</b>	≥ 30	237	523.6	696	104.1	≥ 30	221	504.6	712	90.9
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	343	550.8	680	71.0	≥ 40	352	512.8	649	69.9
	<b>Asian</b>	≥ 1,650	237	547.8	736	79.5	≥ 1,640	221	523.4	724	73.8
	<b>Black or African American</b>	≥ 1,600	237	544.3	706	71.8	≥ 1,600	221	508.0	724	70.8
	<b>Hispanic or Latino</b>	≥ 9,500	237	533.9	746	83.0	≥ 9,500	221	501.7	747	76.0
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	352	553.2	671	69.5	≥ 20	359	509.4	623	68.0
	<b>Pacific Islander</b>	≥ 420	248	527.6	672	74.2	≥ 420	244	503.5	652	69.3
	<b>Two or More Races</b>	≥ 650	255	526.8	713	88.0	≥ 650	259	495.6	679	81.5
	<b>White</b>	≥ 1,120	246	549.5	731	81.2	≥ 1,120	239	518.5	705	76.7
	<b>Other/Unknown</b>	≥ 10	287	525.2	646	114.3	≥ 10	339	509.8	621	97.6

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.5: Summative Scale Score Summary by Subgroup - Grade 4 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 15,150	3298	5226.2	6878	510.4	≥ 15,160	2892	5232.2	7001	576.2
<b>Gender</b>	<b>Female</b>	≥ 6,780	3298	5232.5	6794	502.1	≥ 6,780	2892	5260.9	7001	570.0
	<b>Male</b>	≥ 8,330	3298	5221.3	6878	516.7	≥ 8,330	2892	5209.0	6796	579.4
	<b>Missing</b>	≥ 30	3298	5163.9	6346	584.2	≥ 30	2892	5180.6	6603	724.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	4494	5201.5	6317	460.1	≥ 40	4164	5267.0	6253	520.1
	<b>Asian</b>	≥ 1,660	3298	5331.9	6776	543.0	≥ 1,660	2892	5346.6	6861	584.1
	<b>Black or African American</b>	≥ 1,620	3298	5217.8	6878	487.9	≥ 1,620	2892	5245.3	6606	537.9
	<b>Hispanic or Latino</b>	≥ 9,550	3298	5211.8	6878	501.0	≥ 9,550	2892	5209.2	7001	574.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4183	5175.6	6073	485.1	≥ 20	3967	5255.5	6119	523.2
	<b>Pacific Islander</b>	≥ 420	3531	5125.5	6741	467.6	≥ 420	3064	5162.5	6431	522.5
	<b>Two or More Races</b>	≥ 660	3663	5157.6	6755	527.8	≥ 660	3202	5144.3	6567	617.3
	<b>White</b>	≥ 1,130	3482	5284.3	6787	549.0	≥ 1,130	3037	5314.4	6796	595.6
	<b>Other/Unknown</b>	≥ 10	4337	5222.5	6180	698.2	≥ 10	3833	5215.3	6070	786.2

\* Scale scores cannot be compared across grade bands.

**Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 13,100	213	529.5	734	79.0	≥ 12,950	228	530.5	740	73.6
<b>Gender</b>	<b>Female</b>	≥ 5,770	213	533.0	734	78.3	≥ 5,720	228	536.1	740	72.1
	<b>Male</b>	≥ 7,280	213	526.7	725	79.5	≥ 7,190	228	526.0	736	74.5
	<b>Missing</b>	≥ 30	359	541.8	687	71.9	≥ 30	407	538.4	693	72.2
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	373	543.8	665	84.1	≥ 30	387	547.4	677	84.2
	<b>Asian</b>	≥ 1,320	213	538.9	707	81.1	≥ 1,300	228	544.8	713	74.5
	<b>Black or African American</b>	≥ 1,500	213	528.7	717	74.7	≥ 1,480	228	528.8	712	70.7
	<b>Hispanic or Latino</b>	≥ 8,300	213	529.3	734	78.6	≥ 8,230	228	529.1	740	73.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	397	526.7	651	63.8	≥ 20	424	523.7	666	58.5
	<b>Pacific Islander</b>	≥ 390	213	520.6	719	72.6	≥ 390	228	526.6	731	65.9
	<b>Two or More Races</b>	≥ 610	285	513.5	716	82.6	≥ 590	298	518.3	716	75.1
	<b>White</b>	≥ 890	219	533.1	713	85.4	≥ 880	241	534.3	725	75.5
	<b>Other/Unknown</b>	≥ 10	408	557.4	647	67.1	≥ 10	423	551.9	621	61.3

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 13,000	237	547.5	758	85.1	≥ 12,960	221	525.9	747	80.3
<b>Gender</b>	<b>Female</b>	≥ 5,740	237	553.8	758	84.1	≥ 5,730	221	532.8	747	79.1
	<b>Male</b>	≥ 7,210	237	542.5	747	85.6	≥ 7,190	221	520.3	730	80.9
	<b>Missing</b>	≥ 30	305	542.5	674	86.7	≥ 30	339	533.2	692	82.5
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	327	553.1	686	95.4	≥ 30	339	540.3	654	84.8
	<b>Asian</b>	≥ 1,300	237	557.2	722	82.5	≥ 1,300	221	539.6	714	78.6
	<b>Black or African American</b>	≥ 1,490	237	555.0	747	76.2	≥ 1,480	221	527.3	716	74.5
	<b>Hispanic or Latino</b>	≥ 8,250	237	545.0	732	86.5	≥ 8,240	221	523.7	747	81.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	381	558.6	634	64.7	≥ 20	375	533.7	657	61.9
	<b>Pacific Islander</b>	≥ 390	237	543.3	688	76.7	≥ 390	221	525.8	713	74.0
	<b>Two or More Races</b>	≥ 600	270	529.9	758	92.9	≥ 580	308	510.6	712	84.4
	<b>White</b>	≥ 880	240	557.3	718	86.3	≥ 880	229	532.6	717	82.0
	<b>Other/Unknown</b>	≥ 10	448	568.5	633	49.9	≥ 10	403	546.0	607	57.6

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.6: Summative Scale Score Summary by Subgroup - Grade 5 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 13,110	3298	5355.5	6878	559.4	≥ 13,110	2892	5363.9	6881	617.2
<b>Gender</b>	<b>Female</b>	≥ 5,770	3298	5381.5	6878	548.6	≥ 5,780	2892	5410.8	6881	606.3
	<b>Male</b>	≥ 7,290	3298	5334.4	6878	567.2	≥ 7,290	2892	5326.5	6851	623.5
	<b>Missing</b>	≥ 30	4469	5440.8	6779	522.4	≥ 30	3986	5415.1	6482	590.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	4442	5490.7	6647	639.8	≥ 30	3972	5473.6	6360	676.5
	<b>Asian</b>	≥ 1,320	3298	5441.6	6878	582.0	≥ 1,320	2892	5454.5	6680	620.6
	<b>Black or African American</b>	≥ 1,500	3298	5335.7	6779	537.5	≥ 1,510	2892	5375.3	6799	574.4
	<b>Hispanic or Latino</b>	≥ 8,310	3298	5353.6	6878	555.6	≥ 8,310	2892	5353.2	6851	618.8
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4591	5290.7	6332	463.5	≥ 20	4253	5389.8	6320	471.0
	<b>Pacific Islander</b>	≥ 390	3298	5292.8	6878	499.4	≥ 390	2892	5333.8	6795	557.2
	<b>Two or More Races</b>	≥ 610	3677	5252.6	6693	575.0	≥ 610	3480	5233.0	6881	652.6
	<b>White</b>	≥ 890	3298	5371.6	6878	593.0	≥ 890	2948	5406.1	6728	649.3
	<b>Other/Unknown</b>	≥ 10	4532	5570.4	6259	526.0	≥ 10	4449	5551.2	6051	447.4

\* Scale scores cannot be compared across grade bands.

**Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,560	232	514.4	728	69.6	≥ 11,470	247	513.8	749	62.4
<b>Gender</b>	<b>Female</b>	≥ 5,090	232	514.7	721	69.4	≥ 5,060	247	516.2	736	61.6
	<b>Male</b>	≥ 6,430	232	514.1	728	69.9	≥ 6,360	247	511.8	749	63.0
	<b>Missing</b>	≥ 30	351	507.3	609	65.9	≥ 30	424	516.2	629	49.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	362	493.0	611	68.9	≥ 40	313	497.3	616	59.0
	<b>Asian</b>	≥ 1,030	232	529.0	701	72.7	≥ 1,010	247	532.8	716	68.4
	<b>Black or African American</b>	≥ 1,230	232	519.5	677	64.8	≥ 1,220	247	517.2	700	60.3
	<b>Hispanic or Latino</b>	≥ 7,560	232	512.0	728	69.7	≥ 7,510	247	511.0	749	61.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	387	505.6	581	64.9	≥ 10	384	498.8	583	60.0
	<b>Pacific Islander</b>	≥ 350	356	517.7	670	58.2	≥ 350	367	515.0	657	54.5
	<b>Two or More Races</b>	≥ 510	268	499.6	666	69.8	≥ 500	282	502.7	676	59.3
	<b>White</b>	≥ 800	255	519.6	695	72.9	≥ 790	289	518.2	699	66.8
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,480	268	536.9	740	73.1	≥ 11,470	243	508.1	724	72.2
<b>Gender</b>	<b>Female</b>	≥ 5,060	268	541.2	740	72.6	≥ 5,060	243	514.4	724	71.9
	<b>Male</b>	≥ 6,380	268	533.4	719	73.4	≥ 6,380	243	503.2	718	72.1
	<b>Missing</b>	≥ 30	408	540.8	634	50.2	≥ 30	368	505.4	597	55.9
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	307	511.3	616	80.3	≥ 40	309	491.7	614	75.2
	<b>Asian</b>	≥ 1,010	268	552.2	735	73.9	≥ 1,010	243	524.6	724	73.1
	<b>Black or African American</b>	≥ 1,220	268	543.9	728	66.0	≥ 1,220	243	514.4	686	66.8
	<b>Hispanic or Latino</b>	≥ 7,520	268	533.8	740	73.3	≥ 7,520	243	504.9	721	72.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	422	543.2	629	64.7	≥ 10	351	498.2	566	68.8
	<b>Pacific Islander</b>	≥ 350	320	541.5	656	58.0	≥ 350	327	518.9	672	60.4
	<b>Two or More Races</b>	≥ 510	289	520.8	678	78.3	≥ 500	284	494.7	680	74.7
	<b>White</b>	≥ 790	293	545.1	718	77.4	≥ 790	271	512.9	687	75.0
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.7: Summative Scale Score Summary by Subgroup - Grade 6 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,580	3361	5239.2	6938	481.7	≥ 11,590	3052	5244.6	6907	532.1
<b>Gender</b>	<b>Female</b>	≥ 5,100	3361	5239.4	6938	474.1	≥ 5,110	3052	5272.3	6829	527.9
	<b>Male</b>	≥ 6,440	3361	5239.1	6938	488.0	≥ 6,450	3052	5222.7	6907	535.1
	<b>Missing</b>	≥ 30	4524	5221.8	6136	415.8	≥ 30	4286	5240.7	5980	410.7
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	4105	5099.9	5950	437.8	≥ 40	3617	5086.0	6019	548.5
	<b>Asian</b>	≥ 1,030	3361	5363.6	6791	529.0	≥ 1,030	3052	5371.9	6756	559.5
	<b>Black or African American</b>	≥ 1,240	3361	5263.7	6802	457.3	≥ 1,240	3052	5284.5	6608	496.3
	<b>Hispanic or Latino</b>	≥ 7,570	3361	5221.8	6938	477.1	≥ 7,570	3052	5222.9	6907	529.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	4342	5140.2	5661	419.0	≥ 10	4166	5193.3	5762	499.4
	<b>Pacific Islander</b>	≥ 350	4266	5242.7	6417	408.6	≥ 350	3911	5288.7	6331	435.3
	<b>Two or More Races</b>	≥ 510	3553	5142.1	6825	463.3	≥ 520	3346	5125.7	6372	543.6
	<b>White</b>	≥ 800	3594	5274.8	6724	509.3	≥ 800	3353	5291.0	6635	563.8
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

**Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,100	232	521.6	753	76.3	≥ 10,980	247	525.5	770	68.7
<b>Gender</b>	<b>Female</b>	≥ 4,920	232	521.3	753	76.7	≥ 4,880	247	527.2	770	68.1
	<b>Male</b>	≥ 6,140	232	521.9	734	75.8	≥ 6,070	247	524.1	744	69.0
	<b>Missing</b>	≥ 30	319	512.8	680	97.2	≥ 30	391	525.2	695	90.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	232	484.4	622	89.9	≥ 20	247	487.1	628	82.7
	<b>Asian</b>	≥ 1,000	232	537.0	753	78.4	≥ 980	247	544.8	770	72.9
	<b>Black or African American</b>	≥ 1,210	253	523.7	690	74.1	≥ 1,180	272	526.7	712	68.9
	<b>Hispanic or Latino</b>	≥ 7,330	232	518.6	734	76.5	≥ 7,280	247	522.4	744	67.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	394	502.0	595	48.5	≥ 20	432	512.8	595	37.8
	<b>Pacific Islander</b>	≥ 340	338	526.2	657	62.1	≥ 340	385	524.8	667	57.8
	<b>Two or More Races</b>	≥ 470	339	521.6	693	78.4	≥ 460	359	525.3	701	70.9
	<b>White</b>	≥ 670	268	527.8	690	77.2	≥ 660	294	531.7	706	68.9
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,010	268	542.2	760	79.2	≥ 11,000	243	517.7	748	78.6
<b>Gender</b>	<b>Female</b>	≥ 4,880	268	546.9	760	79.0	≥ 4,880	243	523.2	748	78.8
	<b>Male</b>	≥ 6,090	268	538.3	739	79.1	≥ 6,090	243	513.2	733	78.0
	<b>Missing</b>	≥ 30	344	551.0	700	92.4	≥ 30	333	516.5	660	99.2
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	268	500.5	627	97.1	≥ 20	243	473.9	631	96.0
	<b>Asian</b>	≥ 980	268	561.7	760	78.9	≥ 980	243	533.8	748	75.6
	<b>Black or African American</b>	≥ 1,190	283	548.4	710	71.2	≥ 1,190	297	521.8	707	75.5
	<b>Hispanic or Latino</b>	≥ 7,290	268	537.9	726	80.1	≥ 7,290	243	514.2	733	79.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	328	536.2	585	55.6	≥ 20	406	520.1	589	42.0
	<b>Pacific Islander</b>	≥ 340	318	547.9	681	62.1	≥ 340	327	525.8	677	64.9
	<b>Two or More Races</b>	≥ 460	310	537.7	676	86.8	≥ 460	314	514.8	688	81.8
	<b>White</b>	≥ 670	305	550.9	731	80.7	≥ 660	290	523.8	692	80.0
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.8: Summative Scale Score Summary by Subgroup - Grade 7 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 11,120	3361	5308.6	6938	531.7	≥ 11,120	3052	5311.4	7161	586.2
<b>Gender</b>	<b>Female</b>	≥ 4,930	3361	5302.3	6938	524.2	≥ 4,940	3052	5335.5	7161	585.2
	<b>Male</b>	≥ 6,140	3361	5313.9	6938	536.5	≥ 6,150	3052	5292.4	6952	585.2
	<b>Missing</b>	≥ 30	3915	5261.1	6554	718.0	≥ 30	3888	5251.1	6528	754.2
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	3361	5053.9	6331	627.7	≥ 20	3052	4989.6	5999	711.4
	<b>Asian</b>	≥ 1,000	3361	5435.7	6938	572.5	≥ 1,000	3052	5446.2	7161	600.4
	<b>Black or African American</b>	≥ 1,210	3361	5312.2	6938	529.2	≥ 1,210	3314	5333.9	6706	565.1
	<b>Hispanic or Latino</b>	≥ 7,340	3361	5287.9	6938	526.2	≥ 7,340	3052	5285.6	6952	585.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4470	5150.8	5925	308.5	≥ 20	4075	5226.6	5702	367.0
	<b>Pacific Islander</b>	≥ 340	4131	5312.6	6371	431.4	≥ 340	3899	5351.2	6399	471.6
	<b>Two or More Races</b>	≥ 470	4059	5313.4	6698	547.8	≥ 470	3745	5290.6	6565	618.0
	<b>White</b>	≥ 670	3553	5347.8	6824	541.4	≥ 670	3560	5360.3	6719	602.5
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

**Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,960	232	536.1	784	84.6	≥ 10,870	247	542.0	796	77.2
<b>Gender</b>	<b>Female</b>	≥ 4,850	232	538.7	742	84.7	≥ 4,820	247	546.6	752	76.4
	<b>Male</b>	≥ 6,080	232	534.0	784	84.4	≥ 6,020	247	538.2	796	77.7
	<b>Missing</b>	≥ 20	375	527.5	688	101.2	≥ 20	392	540.7	683	92.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	417	577.6	715	68.8	≥ 30	435	578.2	702	69.7
	<b>Asian</b>	≥ 980	268	555.8	784	83.6	≥ 960	287	565.5	796	79.2
	<b>Black or African American</b>	≥ 1,130	232	548.7	711	75.3	≥ 1,120	247	551.8	729	73.5
	<b>Hispanic or Latino</b>	≥ 7,270	232	530.7	734	86.2	≥ 7,220	247	536.9	750	77.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	425	550.8	642	54.7	≥ 20	463	549.4	651	55.9
	<b>Pacific Islander</b>	≥ 330	369	534.9	678	70.2	≥ 330	353	535.6	702	67.5
	<b>Two or More Races</b>	≥ 460	345	527.9	717	85.5	≥ 450	350	534.6	732	76.9
	<b>White</b>	≥ 710	232	546.4	707	83.2	≥ 700	247	551.5	738	79.2
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,890	268	551.6	776	85.7	≥ 10,870	243	531.5	792	86.1
<b>Gender</b>	<b>Female</b>	≥ 4,830	268	557.1	737	85.9	≥ 4,820	243	538.7	750	86.2
	<b>Male</b>	≥ 6,030	268	547.2	776	85.0	≥ 6,020	243	525.8	792	85.6
	<b>Missing</b>	≥ 20	320	529.7	665	125.3	≥ 20	331	519.0	699	109.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	328	572.8	719	95.9	≥ 30	343	567.1	735	74.2
	<b>Asian</b>	≥ 960	292	575.8	776	80.6	≥ 960	284	550.4	792	82.3
	<b>Black or African American</b>	≥ 1,120	268	568.1	734	72.0	≥ 1,120	243	545.5	732	74.7
	<b>Hispanic or Latino</b>	≥ 7,230	268	544.5	749	87.5	≥ 7,230	243	525.7	750	88.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	399	564.7	664	63.0	≥ 20	452	548.1	654	49.8
	<b>Pacific Islander</b>	≥ 330	321	548.4	722	68.6	≥ 330	335	534.9	686	69.6
	<b>Two or More Races</b>	≥ 450	307	545.0	715	92.7	≥ 440	310	522.4	721	90.6
	<b>White</b>	≥ 700	268	568.0	731	84.4	≥ 700	243	544.5	719	82.8
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.9: Summative Scale Score Summary by Subgroup - Grade 8 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,980	3361	5428.4	6938	597.1	≥ 10,990	3052	5421.9	7370	647.2
<b>Gender</b>	<b>Female</b>	≥ 4,860	3361	5445.3	6938	588.9	≥ 4,860	3052	5463.7	7011	644.4
	<b>Male</b>	≥ 6,100	3361	5415.2	6938	602.8	≥ 6,100	3052	5389.1	7370	646.5
	<b>Missing</b>	≥ 20	4306	5363.6	6417	695.6	≥ 20	3951	5309.1	6471	852.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	4697	5727.2	6650	506.5	≥ 30	4127	5700.1	6750	582.0
	<b>Asian</b>	≥ 980	3553	5589.6	6938	620.7	≥ 980	3367	5586.8	7370	643.4
	<b>Black or African American</b>	≥ 1,140	3361	5503.3	6835	559.1	≥ 1,140	3052	5525.9	6757	572.0
	<b>Hispanic or Latino</b>	≥ 7,280	3361	5392.1	6938	598.6	≥ 7,280	3052	5376.4	6970	657.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4717	5500.8	6196	407.1	≥ 20	4834	5533.2	6264	409.4
	<b>Pacific Islander</b>	≥ 330	4299	5391.5	6733	513.2	≥ 330	3963	5411.5	6514	522.6
	<b>Two or More Races</b>	≥ 460	4122	5368.0	6938	592.8	≥ 460	3675	5358.9	6711	670.2
	<b>White</b>	≥ 710	3361	5494.6	6825	601.2	≥ 710	3052	5518.6	6761	639.3
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

**Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 14,070	253	512.3	723	81.0	≥ 14,020	258	513.8	740	72.6
<b>Gender</b>	<b>Female</b>	≥ 5,980	253	517.4	723	80.1	≥ 5,960	258	518.6	740	71.2
	<b>Male</b>	≥ 8,040	253	508.5	717	81.4	≥ 8,010	258	510.2	738	73.5
	<b>Missing</b>	≥ 40	364	514.4	656	81.7	≥ 30	376	514.2	683	77.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	378	522.9	689	92.2	≥ 30	402	526.9	699	84.3
	<b>Asian</b>	≥ 1,070	286	549.9	711	73.8	≥ 1,060	293	549.0	732	70.1
	<b>Black or African American</b>	≥ 1,540	310	532.8	717	71.5	≥ 1,530	345	529.3	738	66.6
	<b>Hispanic or Latino</b>	≥ 9,640	253	504.3	723	81.6	≥ 9,620	258	507.0	729	72.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	373	511.7	619	65.3	≥ 20	391	518.4	638	65.2
	<b>Pacific Islander</b>	≥ 360	365	532.1	696	60.8	≥ 360	358	525.3	726	57.5
	<b>Two or More Races</b>	≥ 620	269	486.0	697	84.1	≥ 610	285	492.1	720	74.0
	<b>White</b>	≥ 770	293	530.0	721	78.2	≥ 760	287	530.1	740	72.7
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 13,980	297	522.8	717	82.1	≥ 14,010	263	503.1	713	86.9
<b>Gender</b>	<b>Female</b>	≥ 5,950	297	530.7	710	81.4	≥ 5,960	263	510.9	713	85.5
	<b>Male</b>	≥ 7,990	297	516.8	717	82.1	≥ 8,010	263	497.2	704	87.5
	<b>Missing</b>	≥ 30	351	532.1	657	75.9	≥ 40	342	500.4	662	87.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	382	535.9	680	80.2	≥ 30	350	509.8	665	93.1
	<b>Asian</b>	≥ 1,060	314	562.3	711	67.0	≥ 1,060	292	539.9	704	72.7
	<b>Black or African American</b>	≥ 1,540	337	549.0	697	67.5	≥ 1,530	338	525.7	683	72.5
	<b>Hispanic or Latino</b>	≥ 9,590	297	512.9	717	83.9	≥ 9,610	263	494.4	705	88.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	341	533.5	639	61.2	≥ 20	337	512.6	606	64.4
	<b>Pacific Islander</b>	≥ 350	338	537.0	669	62.0	≥ 360	339	530.1	694	63.7
	<b>Two or More Races</b>	≥ 600	305	502.6	662	85.3	≥ 610	277	475.0	692	93.8
	<b>White</b>	≥ 760	313	547.8	701	76.3	≥ 760	298	524.0	713	82.3
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.10: Summative Scale Score Summary by Subgroup - Grade 9 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 14,130	3505	5249.5	7177	554.6	≥ 14,170	3235	5204.8	6783	625.2
<b>Gender</b>	<b>Female</b>	≥ 6,010	3505	5277.7	7148	544.9	≥ 6,020	3235	5256.3	6783	615.9
	<b>Male</b>	≥ 8,070	3505	5228.5	7177	560.6	≥ 8,100	3235	5166.5	6697	629.3
	<b>Missing</b>	≥ 40	3794	5235.9	6813	611.3	≥ 40	4042	5188.3	6261	638.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	4404	5351.7	6824	660.2	≥ 30	4178	5294.4	6534	689.4
	<b>Asian</b>	≥ 1,070	3714	5513.6	7032	547.8	≥ 1,070	3495	5502.3	6648	550.5
	<b>Black or African American</b>	≥ 1,550	3794	5366.6	7148	518.4	≥ 1,560	3846	5372.4	6678	537.3
	<b>Hispanic or Latino</b>	≥ 9,670	3505	5199.5	7177	551.0	≥ 9,700	3235	5138.4	6783	632.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4414	5239.2	6106	485.7	≥ 20	3957	5234.2	6126	503.6
	<b>Pacific Islander</b>	≥ 360	4286	5339.0	6734	430.3	≥ 360	3887	5349.7	6645	463.4
	<b>Two or More Races</b>	≥ 620	3660	5076.3	6815	555.1	≥ 620	3360	5007.4	6501	655.6
	<b>White</b>	≥ 770	3721	5364.5	6962	552.3	≥ 770	3462	5367.3	6676	600.0
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

**Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,850	253	539.3	781	77.5	≥ 10,800	258	538.9	793	73.1
<b>Gender</b>	<b>Female</b>	≥ 4,700	253	544.2	781	75.4	≥ 4,680	258	543.3	793	71.0
	<b>Male</b>	≥ 6,130	253	535.5	735	78.9	≥ 6,100	258	535.5	749	74.5
	<b>Missing</b>	≥ 20	396	528.4	632	74.2	≥ 10	400	521.1	639	71.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	366	567.8	718	80.7	≥ 20	382	569.3	695	77.8
	<b>Asian</b>	≥ 990	324	568.1	734	66.9	≥ 980	313	565.1	745	67.9
	<b>Black or African American</b>	≥ 1,290	269	547.1	721	69.6	≥ 1,280	269	542.7	733	68.4
	<b>Hispanic or Latino</b>	≥ 7,090	253	532.9	731	79.7	≥ 7,060	258	533.5	742	73.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	405	528.6	611	62.2	≥ 20	426	528.2	620	56.4
	<b>Pacific Islander</b>	≥ 320	401	542.7	728	61.0	≥ 310	407	534.9	736	59.3
	<b>Two or More Races</b>	≥ 390	342	517.4	706	82.7	≥ 390	362	521.3	721	76.9
	<b>White</b>	≥ 710	285	558.1	781	72.3	≥ 700	369	559.2	793	72.6
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,760	297	549.4	729	74.0	≥ 10,800	263	531.8	775	79.2
<b>Gender</b>	<b>Female</b>	≥ 4,660	297	556.1	726	72.4	≥ 4,680	263	538.6	775	76.6
	<b>Male</b>	≥ 6,080	297	544.3	729	74.7	≥ 6,100	263	526.7	737	80.7
	<b>Missing</b>	≥ 10	350	545.9	638	87.4	≥ 10	360	514.1	647	88.7
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	372	571.4	690	60.5	≥ 20	343	561.4	730	83.8
	<b>Asian</b>	≥ 980	335	578.3	726	61.2	≥ 980	313	555.9	727	64.5
	<b>Black or African American</b>	≥ 1,280	303	564.6	713	61.4	≥ 1,270	273	540.6	729	68.7
	<b>Hispanic or Latino</b>	≥ 7,040	297	541.3	729	76.8	≥ 7,070	263	525.2	725	82.4
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	473	551.4	607	44.1	≥ 20	377	527.8	629	68.7
	<b>Pacific Islander</b>	≥ 310	350	545.2	702	61.9	≥ 310	367	543.1	716	58.4
	<b>Two or More Races</b>	≥ 390	335	534.4	719	76.4	≥ 390	340	509.8	733	90.3
	<b>White</b>	≥ 690	344	571.7	725	67.0	≥ 700	290	554.7	775	70.7
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.11: Summative Scale Score Summary by Subgroup - Grade 10 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 10,890	3505	5435.1	7177	561.8	≥ 10,910	3235	5420.7	7203	584.1
<b>Gender</b>	<b>Female</b>	≥ 4,710	3505	5462.8	7177	544.5	≥ 4,720	3235	5468.0	7203	566.6
	<b>Male</b>	≥ 6,160	3505	5414.2	7148	574.0	≥ 6,170	3235	5384.9	6907	594.6
	<b>Missing</b>	≥ 20	4511	5336.3	6050	507.5	≥ 20	4119	5338.5	6178	611.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	4317	5665.4	7071	621.1	≥ 20	4011	5644.7	6772	587.6
	<b>Asian</b>	≥ 990	3898	5642.4	7032	520.6	≥ 990	3719	5639.1	6885	498.1
	<b>Black or African American</b>	≥ 1,300	3607	5466.6	7148	525.0	≥ 1,300	3312	5488.4	6780	515.8
	<b>Hispanic or Latino</b>	≥ 7,110	3505	5395.1	7148	567.9	≥ 7,120	3235	5368.6	6907	602.0
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4555	5332.2	5971	421.5	≥ 20	4471	5377.9	6020	447.0
	<b>Pacific Islander</b>	≥ 320	4439	5413.0	6926	454.6	≥ 320	4179	5433.0	6766	449.4
	<b>Two or More Races</b>	≥ 390	4232	5294.0	6897	586.1	≥ 400	3893	5268.7	6732	627.2
	<b>White</b>	≥ 710	3794	5568.1	7177	558.2	≥ 710	3546	5582.3	7203	543.0
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

**Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 9,850	253	550.4	777	76.1	≥ 9,810	258	549.4	789	73.6
<b>Gender</b>	<b>Female</b>	≥ 4,430	253	553.3	747	75.7	≥ 4,420	258	552.2	757	72.3
	<b>Male</b>	≥ 5,370	253	548.0	777	76.4	≥ 5,350	258	547.1	789	74.6
	<b>Missing</b>	≥ 40	380	554.5	666	78.7	≥ 40	341	552.7	668	77.2
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	422	585.9	679	57.6	≥ 20	456	589.4	684	55.9
	<b>Asian</b>	≥ 980	253	570.2	746	69.1	≥ 970	258	568.0	750	69.3
	<b>Black or African American</b>	≥ 1,320	333	552.0	711	71.0	≥ 1,310	375	548.2	732	69.6
	<b>Hispanic or Latino</b>	≥ 6,140	253	545.8	747	77.9	≥ 6,130	258	545.6	757	74.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	406	565.6	665	69.9	≥ 20	384	549.6	680	71.9
	<b>Pacific Islander</b>	≥ 290	292	540.6	697	68.8	≥ 290	337	533.7	725	63.3
	<b>Two or More Races</b>	≥ 330	347	531.3	701	78.8	≥ 330	381	534.1	717	74.9
	<b>White</b>	≥ 710	253	570.2	777	72.3	≥ 700	258	571.1	789	76.8
	<b>Other/Unknown</b>	≥ 10	555	616.8	744	57.1	≥ 10	538	618.2	760	68.9

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 9,770	297	559.8	738	70.6	≥ 9,780	263	543.8	772	75.2
<b>Gender</b>	<b>Female</b>	≥ 4,390	297	565.6	738	69.7	≥ 4,410	263	548.2	749	74.6
	<b>Male</b>	≥ 5,330	297	555.0	726	70.9	≥ 5,330	263	540.2	772	75.5
	<b>Missing</b>	≥ 40	348	570.6	681	79.8	≥ 40	348	549.5	661	74.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	400	581.3	710	62.6	≥ 20	445	582.1	652	51.0
	<b>Asian</b>	≥ 970	297	581.1	722	61.8	≥ 970	263	559.0	749	64.6
	<b>Black or African American</b>	≥ 1,300	340	568.5	720	60.4	≥ 1,300	336	545.7	715	69.0
	<b>Hispanic or Latino</b>	≥ 6,100	297	553.1	738	73.6	≥ 6,110	263	539.3	747	77.8
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	356	578.7	665	61.6	≥ 20	359	550.9	637	71.8
	<b>Pacific Islander</b>	≥ 290	317	538.1	687	69.0	≥ 290	331	539.1	690	67.0
	<b>Two or More Races</b>	≥ 320	342	556.3	718	68.0	≥ 330	345	527.6	698	80.9
	<b>White</b>	≥ 700	297	581.4	727	62.4	≥ 700	263	566.1	772	70.0
	<b>Other/Unknown</b>	≥ 10	580	619.8	673	29.7	≥ 10	529	601.4	734	59.4

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.12: Summative Scale Score Summary by Subgroup - Grade 11 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 9,890	3505	5514.0	7177	569.8	≥ 9,910	3235	5508.9	7160	565.6
<b>Gender</b>	<b>Female</b>	≥ 4,450	3505	5527.9	7075	560.1	≥ 4,460	3235	5540.6	7019	560.7
	<b>Male</b>	≥ 5,390	3505	5502.3	7177	577.6	≥ 5,400	3235	5482.2	7160	568.1
	<b>Missing</b>	≥ 40	4194	5537.9	6471	575.0	≥ 40	4014	5556.1	6406	604.4
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	4657	5799.0	6699	461.6	≥ 20	4716	5785.3	6564	397.3
	<b>Asian</b>	≥ 990	3505	5660.5	7056	542.1	≥ 990	3235	5657.8	6873	510.4
	<b>Black or African American</b>	≥ 1,330	3956	5505.2	7004	538.4	≥ 1,330	3960	5525.6	6750	518.4
	<b>Hispanic or Latino</b>	≥ 6,160	3505	5485.8	7148	575.7	≥ 6,170	3235	5470.7	7019	580.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4435	5577.0	6695	560.2	≥ 20	4332	5597.1	6345	508.0
	<b>Pacific Islander</b>	≥ 290	3794	5405.6	6709	492.8	≥ 290	3645	5403.7	6695	512.5
	<b>Two or More Races</b>	≥ 330	4068	5377.6	7056	575.6	≥ 340	3986	5396.8	6704	583.7
	<b>White</b>	≥ 710	3505	5663.1	7177	578.5	≥ 710	3235	5679.5	7160	534.5
	<b>Other/Unknown</b>	≥ 10	5476	6034.0	7148	520.6	≥ 10	5536	6018.9	6835	386.4

\* Scale scores cannot be compared across grade bands.

**Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12**

Subgroup	Status	Listening					Reading				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 7,710	253	556.7	774	72.3	≥ 7,660	258	555.5	790	71.3
<b>Gender</b>	<b>Female</b>	≥ 3,520	253	560.5	774	72.0	≥ 3,500	258	559.5	790	70.6
	<b>Male</b>	≥ 4,150	253	553.4	729	72.5	≥ 4,120	258	552.1	737	71.7
	<b>Missing</b>	≥ 30	405	555.0	660	66.0	≥ 30	400	549.7	661	69.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 10	393	550.1	631	67.5	≥ 10	424	552.5	647	62.8
	<b>Asian</b>	≥ 910	253	566.7	720	69.2	≥ 900	258	566.2	727	69.8
	<b>Black or African American</b>	≥ 1,050	253	550.0	758	70.8	≥ 1,040	258	547.5	762	69.5
	<b>Hispanic or Latino</b>	≥ 4,670	253	555.5	729	73.0	≥ 4,650	258	554.1	745	71.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	454	537.6	618	46.8	≥ 10	451	538.4	650	58.1
	<b>Pacific Islander</b>	≥ 180	412	556.5	714	65.2	≥ 180	421	547.9	716	65.0
	<b>Two or More Races</b>	≥ 250	332	540.6	691	75.6	≥ 250	379	543.3	698	72.9
	<b>White</b>	≥ 590	288	569.6	774	72.4	≥ 590	400	571.9	790	74.2
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.)**

Subgroup	Status	Speaking					Writing				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 7,610	297	565.0	720	68.9	≥ 7,650	263	549.9	782	69.7
<b>Gender</b>	<b>Female</b>	≥ 3,490	297	570.0	713	67.4	≥ 3,500	263	555.0	782	68.9
	<b>Male</b>	≥ 4,080	297	560.6	720	69.8	≥ 4,110	263	545.7	745	70.2
	<b>Missing</b>	≥ 30	349	581.6	673	71.3	≥ 30	365	546.5	668	68.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 10	437	557.0	621	48.8	≥ 10	359	538.5	625	63.2
	<b>Asian</b>	≥ 890	297	580.5	711	63.1	≥ 900	263	556.5	718	65.2
	<b>Black or African American</b>	≥ 1,030	297	568.2	718	62.0	≥ 1,040	263	544.7	767	68.2
	<b>Hispanic or Latino</b>	≥ 4,610	297	559.9	720	71.5	≥ 4,640	263	548.8	747	70.8
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	385	552.0	605	54.4	≥ 10	449	541.7	612	47.4
	<b>Pacific Islander</b>	≥ 180	352	551.6	691	64.6	≥ 190	362	550.8	707	62.9
	<b>Two or More Races</b>	≥ 250	341	555.8	713	67.9	≥ 250	337	537.6	669	74.1
	<b>White</b>	≥ 590	312	584.7	712	62.5	≥ 590	289	563.8	782	68.9
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S4.13: Summative Scale Score Summary by Subgroup - Grade 12 (cont.)**

Subgroup	Status	Comprehension					Overall				
		N	Min	Mean	Max	SD	N	Min	Mean	Max	SD
<b>Total</b>		≥ 7,750	3505	5560.0	7148	554.1	≥ 7,770	3235	5555.4	7143	536.4
<b>Gender</b>	<b>Female</b>	≥ 3,540	3505	5584.0	7071	548.9	≥ 3,550	3235	5591.7	7143	531.1
	<b>Male</b>	≥ 4,170	3505	5539.9	7148	558.1	≥ 4,180	3235	5524.6	6769	539.1
	<b>Missing</b>	≥ 30	4539	5528.0	6515	506.0	≥ 30	4122	5559.9	6365	532.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 10	4553	5545.5	6301	504.2	≥ 10	4324	5506.2	6107	468.3
	<b>Asian</b>	≥ 910	3505	5636.4	6967	542.0	≥ 910	3235	5638.4	6653	514.7
	<b>Black or African American</b>	≥ 1,060	3505	5492.1	7075	540.0	≥ 1,070	3235	5516.8	6956	522.3
	<b>Hispanic or Latino</b>	≥ 4,690	3505	5555.3	7148	555.4	≥ 4,700	3235	5540.0	6802	541.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	4713	5410.2	6389	420.6	≥ 10	4796	5446.8	5992	352.3
	<b>Pacific Islander</b>	≥ 180	4571	5526.4	6783	497.6	≥ 190	4197	5516.6	6612	479.8
	<b>Two or More Races</b>	≥ 250	3959	5446.5	6749	568.2	≥ 250	3941	5449.2	6607	562.9
	<b>White</b>	≥ 600	3914	5661.6	7071	574.2	≥ 600	3503	5678.0	7143	533.1
	<b>Other/Unknown</b>	< 10					< 10				

\* Scale scores cannot be compared across grade bands.

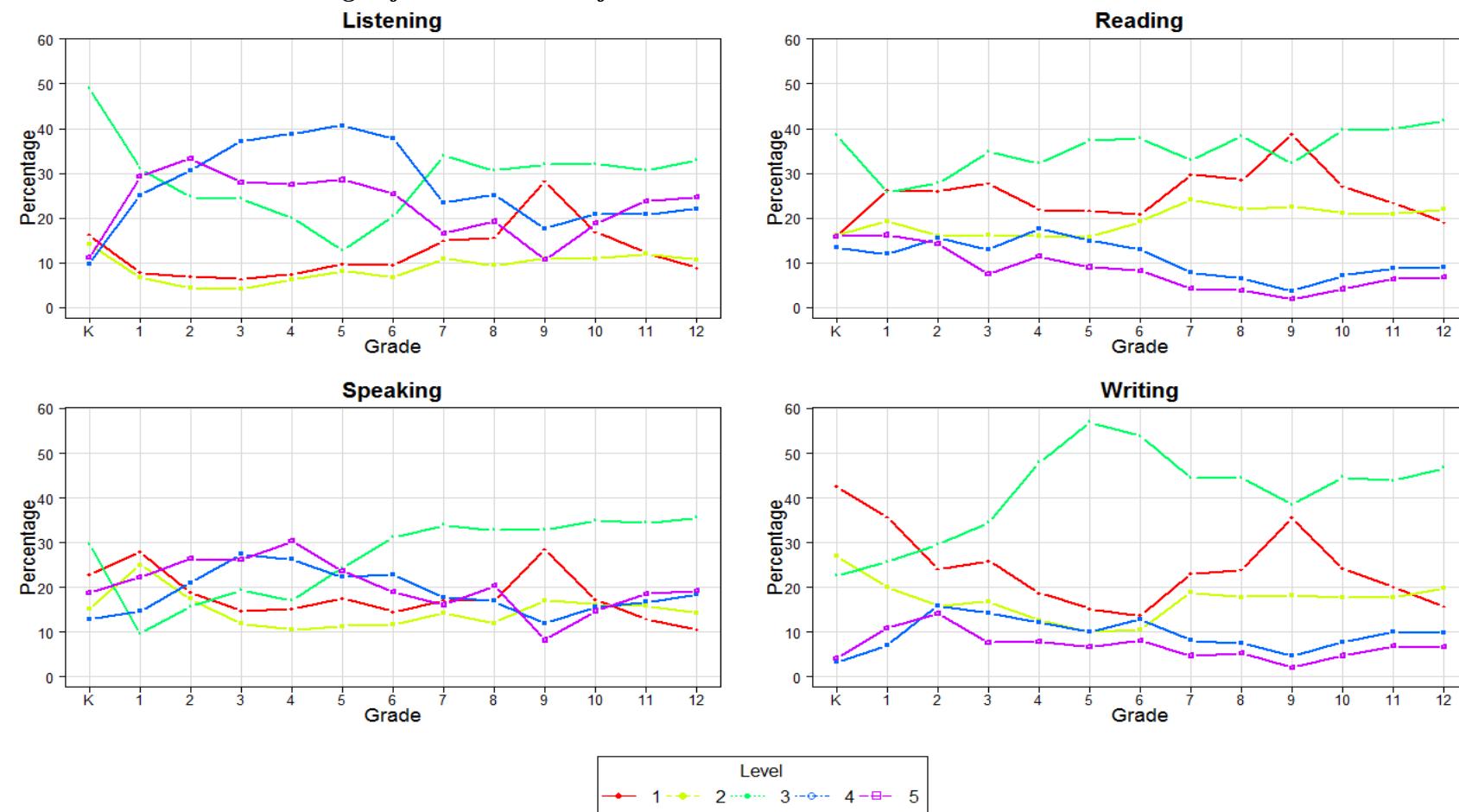
**Table S4.14: Summative Summary of Domain Exemption and Not Attempted**

Grade	Total	Listening		Reading		Speaking		Writing	
		Exempted	Not Attempted	Exempted	Not Attempted	Exempted	Not Attempted	Exempted	Not Attempted
K	≥ 27,500	8 (0.0%)	20 (0.1%)	97 (0.4%)	49 (0.2%)	131 (0.5%)	101 (0.4%)	97 (0.4%)	75 (0.3%)
1	≥ 25,550	6 (0.0%)	19 (0.1%)	110 (0.4%)	47 (0.2%)	116 (0.5%)	68 (0.3%)	107 (0.4%)	55 (0.2%)
2	≥ 23,210	9 (0.0%)	18 (0.1%)	96 (0.4%)	45 (0.2%)	102 (0.4%)	59 (0.3%)	92 (0.4%)	61 (0.3%)
3	≥ 18,250	7 (0.0%)	12 (0.1%)	121 (0.7%)	42 (0.2%)	93 (0.5%)	47 (0.3%)	101 (0.6%)	46 (0.3%)
4	≥ 15,160	7 (0.0%)	11 (0.1%)	111 (0.7%)	37 (0.2%)	81 (0.5%)	42 (0.3%)	90 (0.6%)	43 (0.3%)
5	≥ 13,110	7 (0.1%)	9 (0.1%)	131 (1.0%)	33 (0.3%)	75 (0.6%)	41 (0.3%)	106 (0.8%)	41 (0.3%)
6	≥ 11,590	12 (0.1%)	24 (0.2%)	79 (0.7%)	47 (0.4%)	61 (0.5%)	48 (0.4%)	66 (0.6%)	53 (0.5%)
7	≥ 11,120	8 (0.1%)	20 (0.2%)	99 (0.9%)	41 (0.4%)	62 (0.6%)	50 (0.4%)	73 (0.7%)	48 (0.4%)
8	≥ 10,990	6 (0.1%)	25 (0.2%)	72 (0.7%)	52 (0.5%)	48 (0.4%)	59 (0.5%)	56 (0.5%)	64 (0.6%)
9	≥ 14,170	9 (0.1%)	84 (0.6%)	52 (0.4%)	98 (0.7%)	34 (0.2%)	150 (1.1%)	36 (0.3%)	119 (0.8%)
10	≥ 10,910	10 (0.1%)	51 (0.5%)	48 (0.4%)	64 (0.6%)	30 (0.3%)	119 (1.1%)	37 (0.3%)	77 (0.7%)
11	≥ 9,910	12 (0.1%)	46 (0.5%)	41 (0.4%)	55 (0.6%)	40 (0.4%)	103 (1.0%)	40 (0.4%)	87 (0.9%)
12	≥ 7,770	9 (0.1%)	49 (0.6%)	45 (0.6%)	69 (0.9%)	30 (0.4%)	135 (1.7%)	32 (0.4%)	92 (1.2%)

## **Section 5: 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 S5.1: Summative Percentage of Students in Performance Levels**

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.1: Summative Performance Level by Domain - Kindergarten**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 27,480	16.3	14.2	48.9	9.6	11.1	≥ 27,360	15.8	16.1	38.7	13.5	15.9
Gender	Female	≥ 13,390	13.6	12.6	49.6	11.0	13.3	≥ 13,360	13.5	14.1	38.8	14.7	18.9
	Male	≥ 13,930	18.9	15.7	48.3	8.2	8.9	≥ 13,840	18.1	18.1	38.7	12.2	13.0
	Missing	≥ 150	14.3	15.6	49.4	7.8	13.0	≥ 150	17.0	13.7	34.0	17.6	17.6
Ethnicity	American Indian or Alaskan Native	≥ 90	11.2	12.2	51.0	13.3	12.2	≥ 90	12.2	16.3	31.6	17.3	22.4
	Asian	≥ 4,080	10.2	10.4	50.8	11.5	17.1	≥ 4,040	9.4	12.4	38.6	15.8	23.9
	Black or African American	≥ 2,960	11.7	13.0	54.5	10.4	10.3	≥ 2,930	11.8	13.8	43.0	15.7	15.6
	Hispanic or Latino	≥ 16,090	19.3	15.8	47.7	8.6	8.7	≥ 16,050	18.6	18.1	38.3	12.3	12.7
	Native Hawaiian or Other Pacific Islander	≥ 50	3.8	17.0	64.2	11.3	3.8	≥ 50	1.9	17.0	52.8	18.9	9.4
	Pacific Islander	≥ 540	15.8	16.7	56.6	6.8	4.2	≥ 540	14.2	20.0	46.5	10.3	9.0
	Two or More Races	≥ 1,070	20.6	16.8	43.9	7.9	10.7	≥ 1,060	21.0	17.8	34.7	11.4	15.1
	White	≥ 2,510	11.2	9.8	47.4	12.5	19.1	≥ 2,500	11.8	11.0	36.3	15.7	25.3
	Other/Unknown	≥ 50	11.8	13.7	43.1	17.6	13.7	≥ 50	5.9	23.5	33.3	17.6	19.6

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.1: Summative Performance Level by Domain - Kindergarten (cont.)**

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 27,270	23.0	15.3	29.8	12.9	19.0	≥ 27,330	42.9	27.1	22.6	3.2	4.2
Gender	Female	≥ 13,330	20.1	13.7	29.1	14.3	22.8	≥ 13,360	40.3	28.3	23.6	3.1	4.7
	Male	≥ 13,790	25.7	16.9	30.5	11.6	15.3	≥ 13,820	45.3	26.0	21.7	3.4	3.6
	Missing	≥ 150	22.0	11.3	28.0	12.0	26.7	≥ 150	41.8	22.9	24.2	3.9	7.2
Ethnicity	American Indian or Alaskan Native	≥ 90	14.3	16.3	29.6	16.3	23.5	≥ 90	34.7	33.7	24.5	1.0	6.1
	Asian	≥ 4,020	15.1	12.4	29.6	15.7	27.1	≥ 4,040	26.9	23.9	34.4	6.7	8.1
	Black or African American	≥ 2,930	13.4	13.3	32.5	16.6	24.1	≥ 2,930	39.3	27.6	25.1	3.7	4.3
	Hispanic or Latino	≥ 16,020	27.9	16.9	29.6	11.0	14.6	≥ 16,040	48.7	28.3	18.4	2.0	2.6
	Native Hawaiian or Other Pacific Islander	≥ 50	5.7	18.9	28.3	32.1	15.1	≥ 50	35.8	30.2	24.5	3.8	5.7
	Pacific Islander	≥ 540	27.1	22.0	31.0	10.9	9.0	≥ 540	47.0	28.1	20.6	2.2	2.2
	Two or More Races	≥ 1,040	26.8	13.3	26.9	14.3	18.7	≥ 1,060	50.7	23.8	19.5	2.3	3.8
	White	≥ 2,49	13.4	11.1	29.1	15.9	30.5	≥ 2,500	31.5	24.9	29.7	5.7	8.1
	Other/Unknown	≥ 50	11.5	11.5	32.7	17.3	26.9	≥ 50	39.2	27.5	19.6	9.8	3.9

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.2: Summative Performance Level by Domain - Grade 1**

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 25,530	7.8	6.7	31.0	25.2	29.3	≥ 25,400	26.4	19.3	25.9	12.0	16.3
Gender	Female	≥ 12,320	6.7	5.6	29.7	26.1	32.0	≥ 12,280	24.2	19.5	26.6	12.1	17.6
	Male	≥ 13,070	8.9	7.8	32.3	24.3	26.8	≥ 12,990	28.4	19.2	25.3	11.9	15.2
	Missing	≥ 120	11.2	4.0	26.4	32.0	26.4	≥ 120	29.4	19.0	24.6	11.9	15.1
Ethnicity	American Indian or Alaskan Native	≥ 90	2.2	8.8	36.3	18.7	34.1	≥ 90	33.0	19.8	22.0	7.7	17.6
	Asian	≥ 3,800	5.5	5.3	23.2	22.9	43.2	≥ 3,770	13.6	12.4	26.0	16.0	32.0
	Black or African American	≥ 2,820	6.4	7.2	30.0	25.9	30.5	≥ 2,780	20.6	18.1	28.3	14.3	18.7
	Hispanic or Latino	≥ 14,990	8.7	7.0	33.9	25.5	24.8	≥ 14,950	31.3	21.8	25.3	10.2	11.5
	Native Hawaiian or Other Pacific Islander	≥ 40	6.4	8.5	40.4	12.8	31.9	≥ 40	27.7	19.1	19.1	17.0	17.0
	Pacific Islander	≥ 490	6.4	10.1	36.8	29.6	17.1	≥ 490	30.5	19.3	28.5	11.8	9.8
	Two or More Races	≥ 970	11.3	9.5	32.9	22.6	23.7	≥ 960	37.1	20.3	21.9	7.8	12.9
	White	≥ 2,270	6.5	4.3	24.2	26.3	38.7	≥ 2,260	16.5	16.1	29.0	16.2	22.2
	Other/Unknown	≥ 30	6.5	3.2	22.6	38.7	29.0	≥ 30	16.1	16.1	25.8	19.4	22.6

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.2: 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		≥ 25,370	28.2	25.1	9.6	14.7	22.3	≥ 25,390	36.0	20.2	25.8	7.1	11.0
Gender	Female	≥ 12,270	24.7	24.5	10.1	14.8	25.8	≥ 12,270	33.3	20.5	26.8	7.3	12.1
	Male	≥ 12,970	31.4	25.8	9.2	14.7	19.0	≥ 12,990	38.4	19.9	24.9	6.8	10.0
	Missing	≥ 120	25.4	25.4	8.7	16.7	23.8	≥ 120	38.9	19.0	27.0	6.3	8.7
Ethnicity	American Indian or Alaskan Native	≥ 90	31.1	28.9	11.1	7.8	21.1	≥ 90	45.6	15.6	21.1	7.8	10.0
	Asian	≥ 3,750	19.4	19.3	9.8	15.9	35.6	≥ 3,770	18.2	16.3	31.2	12.0	22.3
	Black or African American	≥ 2,780	19.5	26.0	10.6	17.9	26.0	≥ 2,780	29.4	20.4	29.3	8.5	12.3
	Hispanic or Latino	≥ 14,940	32.6	27.0	9.6	13.3	17.5	≥ 14,950	42.8	21.4	23.1	5.2	7.6
	Native Hawaiian or Other Pacific Islander	≥ 40	34.0	12.8	10.6	19.1	23.4	≥ 40	38.3	10.6	27.7	6.4	17.0
	Pacific Islander	≥ 490	38.4	28.4	7.8	13.9	11.5	≥ 490	37.7	21.4	26.8	8.3	5.8
	Two or More Races	≥ 950	32.8	23.6	9.0	15.0	19.5	≥ 960	47.7	17.7	21.6	5.0	8.0
	White	≥ 2,260	19.5	21.7	9.1	18.7	31.0	≥ 2,250	23.0	19.1	32.7	9.9	15.3
	Other/Unknown	≥ 30	12.9	29.0	16.1	16.1	25.8	≥ 30	19.4	32.3	25.8	9.7	12.9

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.3: Summative Performance Level by Domain - Grade 2**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 23,190	6.9	4.4	24.8	30.7	33.3	≥ 23,070	26.0	16.1	27.9	15.6	14.4
Gender	Female	≥ 11,190	6.4	3.7	23.9	30.7	35.3	≥ 11,150	24.0	15.4	28.2	16.4	16.0
	Male	≥ 11,880	7.4	4.9	25.6	30.6	31.4	≥ 11,810	28.0	16.7	27.6	14.8	12.8
	Missing	≥ 100	7.5	4.7	20.8	30.2	36.8	≥ 100	21.9	14.3	29.5	17.1	17.1
Ethnicity	American Indian or Alaskan Native	≥ 50	10.2	6.8	20.3	33.9	28.8	≥ 50	28.8	18.6	22.0	15.3	15.3
	Asian	≥ 3,260	5.5	3.4	19.3	27.7	44.1	≥ 3,230	14.8	12.0	28.7	20.7	23.8
	Black or African American	≥ 2,570	5.5	4.2	25.3	30.9	34.1	≥ 2,550	22.5	15.8	31.9	15.6	14.2
	Hispanic or Latino	≥ 13,770	7.5	4.5	26.0	31.8	30.2	≥ 13,730	29.6	17.3	27.3	13.9	11.8
	Native Hawaiian or Other Pacific Islander	≥ 30	5.1	0.0	20.5	46.2	28.2	≥ 30	7.7	17.9	33.3	25.6	15.4
	Pacific Islander	≥ 500	7.2	5.0	38.4	29.8	19.6	≥ 490	31.7	20.4	27.7	11.6	8.6
	Two or More Races	≥ 970	9.4	7.3	27.4	27.1	28.8	≥ 960	36.3	16.2	21.1	13.5	13.0
	White	≥ 1,980	5.9	3.2	19.9	28.9	42.1	≥ 1,960	17.8	13.2	29.2	20.7	19.1
	Other/Unknown	≥ 20	0.0	0.0	36.4	31.8	31.8	≥ 20	22.7	13.6	40.9	9.1	13.6

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.3: 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		≥ 23,050	19.0	17.5	15.8	21.2	26.6	≥ 23,060	24.2	15.9	29.7	16.0	14.2
Gender	Female	≥ 11,150	16.5	15.8	15.7	22.0	29.9	≥ 11,150	21.1	15.4	30.3	17.0	16.2
	Male	≥ 11,790	21.3	19.1	15.9	20.4	23.3	≥ 11,800	27.2	16.4	29.0	15.0	12.3
	Missing	≥ 100	17.1	12.4	14.3	22.9	33.3	≥ 100	22.9	17.1	25.7	20.0	14.3
Ethnicity	American Indian or Alaskan Native	≥ 50	28.8	15.3	15.3	10.2	30.5	≥ 50	35.6	13.6	22.0	13.6	15.3
	Asian	≥ 3,230	14.5	14.9	13.7	21.4	35.5	≥ 3,230	14.6	11.3	30.6	20.8	22.7
	Black or African American	≥ 2,550	14.9	18.5	15.9	21.6	29.1	≥ 2,540	21.8	14.8	32.1	16.9	14.4
	Hispanic or Latino	≥ 13,710	20.7	18.2	16.6	21.1	23.3	≥ 13,730	27.2	17.7	29.1	14.4	11.7
	Native Hawaiian or Other Pacific Islander	≥ 30	5.1	15.4	28.2	20.5	30.8	≥ 30	2.6	17.9	41.0	23.1	15.4
	Pacific Islander	≥ 490	24.4	25.5	16.2	18.2	15.6	≥ 490	26.1	19.3	31.7	14.7	8.2
	Two or More Races	≥ 960	27.9	17.5	13.0	18.5	23.2	≥ 960	35.1	15.1	24.4	12.5	12.8
	White	≥ 1,970	14.1	13.1	14.1	23.4	35.3	≥ 1,960	16.8	12.5	30.7	20.4	19.5
	Other/Unknown	≥ 20	4.5	22.7	13.6	31.8	27.3	≥ 20	22.7	4.5	40.9	22.7	9.1

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.4: Summative Performance Level by Domain - Grade 3**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 18,230	6.3	4.1	24.4	37.3	28.0	≥ 18,090	28.0	16.4	35.0	13.0	7.6
<b>Gender</b>	<b>Female</b>	≥ 8,520	5.9	3.9	23.5	37.2	29.6	≥ 8,480	25.6	15.6	35.6	13.8	9.3
	<b>Male</b>	≥ 9,670	6.6	4.2	25.2	37.3	26.7	≥ 9,570	30.0	17.0	34.5	12.3	6.1
	<b>Missing</b>	≥ 30	10.8	5.4	24.3	45.9	13.5	≥ 30	29.7	27.0	27.0	13.5	2.7
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	12.7	1.8	16.4	36.4	32.7	≥ 50	26.4	11.3	26.4	18.9	17.0
	<b>Asian</b>	≥ 2,120	5.5	3.4	21.7	35.3	34.2	≥ 2,100	19.2	14.7	38.2	16.2	11.8
	<b>Black or African American</b>	≥ 1,930	4.2	4.0	23.9	40.5	27.4	≥ 1,900	24.9	17.0	37.3	12.7	8.1
	<b>Hispanic or Latino</b>	≥ 11,400	6.5	4.1	25.1	37.8	26.5	≥ 11,350	30.5	16.9	34.0	12.2	6.5
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	0.0	6.7	36.7	23.3	33.3	≥ 20	31.0	6.9	44.8	13.8	3.4
	<b>Pacific Islander</b>	≥ 430	4.6	5.3	40.2	33.6	16.3	≥ 430	27.4	21.0	37.1	10.4	4.1
	<b>Two or More Races</b>	≥ 820	8.5	5.6	22.9	34.2	28.7	≥ 810	33.8	15.0	32.7	11.0	7.5
	<b>White</b>	≥ 1,410	7.2	3.4	19.9	34.7	34.9	≥ 1,390	21.6	14.3	36.4	16.9	10.8
	<b>Other/Unknown</b>	≥ 10	6.7	0.0	13.3	53.3	26.7	≥ 10	20.0	20.0	40.0	6.7	13.3

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.4: 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		≥ 18,110	14.8	11.9	19.4	27.6	26.3	≥ 18,110	26.1	17.0	34.8	14.4	7.7
Gender	Female	≥ 8,480	13.0	11.2	18.2	27.5	30.0	≥ 8,490	23.4	16.7	34.8	15.5	9.7
	Male	≥ 9,590	16.3	12.4	20.5	27.7	23.1	≥ 9,580	28.5	17.2	34.9	13.4	6.0
	Missing	≥ 30	22.2	2.8	25.0	30.6	19.4	≥ 30	29.7	27.0	24.3	16.2	2.7
Ethnicity	American Indian or Alaskan Native	≥ 50	17.0	3.8	17.0	24.5	37.7	≥ 50	20.8	15.1	30.2	22.6	11.3
	Asian	≥ 2,100	12.9	10.6	17.5	27.3	31.7	≥ 2,100	18.7	14.3	39.1	16.7	11.3
	Black or African American	≥ 1,900	11.3	11.3	21.3	28.8	27.3	≥ 1,900	23.3	17.2	36.8	14.7	8.0
	Hispanic or Latino	≥ 11,360	15.7	12.3	19.6	27.7	24.7	≥ 11,350	28.5	17.6	33.6	13.5	6.8
	Native Hawaiian or Other Pacific Islander	≥ 30	10.0	20.0	10.0	36.7	23.3	≥ 20	13.8	24.1	34.5	20.7	6.9
	Pacific Islander	≥ 430	16.1	14.5	25.7	28.3	15.4	≥ 430	23.9	22.5	38.2	13.3	2.1
	Two or More Races	≥ 810	18.5	12.7	18.5	25.9	24.5	≥ 810	30.8	16.2	33.3	12.5	7.1
	White	≥ 1,390	12.2	9.5	17.3	26.5	34.4	≥ 1,390	19.9	14.5	35.7	18.6	11.4
	Other/Unknown	≥ 10	13.3	13.3	13.3	20.0	40.0	≥ 10	20.0	20.0	33.3	20.0	6.7

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.5: Summative Performance Level by Domain - Grade 4**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 15,140	7.4	6.2	20.0	38.9	27.5	≥ 15,010	22.1	16.0	32.5	17.8	11.5
Gender	Female	≥ 6,780	7.3	5.8	19.8	40.0	27.1	≥ 6,730	20.2	15.8	33.9	18.3	11.8
	Male	≥ 8,320	7.5	6.6	20.2	38.0	27.8	≥ 8,240	23.7	16.2	31.5	17.3	11.3
	Missing	≥ 30	13.2	2.6	21.1	34.2	28.9	≥ 30	16.2	29.7	21.6	24.3	8.1
Ethnicity	American Indian or Alaskan Native	≥ 40	0.0	10.9	28.3	34.8	26.1	≥ 40	20.0	11.1	44.4	17.8	6.7
	Asian	≥ 1,660	6.5	4.5	16.5	37.2	35.3	≥ 1,640	15.1	13.2	32.5	22.2	17.0
	Black or African American	≥ 1,620	5.4	6.0	20.8	41.9	26.0	≥ 1,590	19.6	17.1	34.8	18.7	9.8
	Hispanic or Latino	≥ 9,540	7.6	6.5	20.7	38.9	26.4	≥ 9,500	23.8	16.6	31.9	16.9	10.8
	Native Hawaiian or Other Pacific Islander	≥ 20	9.5	9.5	23.8	38.1	19.0	≥ 20	14.3	14.3	47.6	14.3	9.5
	Pacific Islander	≥ 420	6.4	9.4	27.1	38.1	19.1	≥ 420	24.3	16.5	36.4	15.1	7.6
	Two or More Races	≥ 660	12.3	7.0	18.1	37.0	25.5	≥ 650	27.3	15.0	31.7	16.8	9.2
	White	≥ 1,130	7.6	5.1	16.4	39.1	31.9	≥ 1,110	17.9	14.8	32.8	19.2	15.3
	Other/Unknown	≥ 10	18.2	9.1	27.3	9.1	36.4	≥ 10	27.3	9.1	18.2	18.2	27.3

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.5: 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		≥ 15,030	15.2	10.6	17.2	26.5	30.5	≥ 15,020	18.8	12.8	48.2	12.3	7.9
Gender	Female	≥ 6,740	13.8	9.0	16.9	26.7	33.6	≥ 6,740	17.1	11.7	49.4	13.3	8.4
	Male	≥ 8,250	16.3	11.8	17.4	26.4	28.1	≥ 8,250	20.2	13.6	47.3	11.4	7.5
	Missing	≥ 30	15.4	15.4	17.9	23.1	28.2	≥ 30	13.5	21.6	45.9	8.1	10.8
Ethnicity	American Indian or Alaskan Native	≥ 40	10.9	10.9	10.9	32.6	34.8	≥ 40	17.8	6.7	51.1	17.8	6.7
	Asian	≥ 1,650	11.8	9.0	15.8	27.9	35.6	≥ 1,640	12.3	10.5	50.1	15.4	11.7
	Black or African American	≥ 1,600	11.6	11.4	19.2	27.0	30.7	≥ 1,600	17.2	11.9	52.1	12.1	6.7
	Hispanic or Latino	≥ 9,500	16.4	10.7	17.1	26.4	29.4	≥ 9,500	20.4	13.3	47.5	11.6	7.1
	Native Hawaiian or Other Pacific Islander	≥ 20	9.5	9.5	19.0	19.0	42.9	≥ 20	9.5	19.0	52.4	14.3	4.8
	Pacific Islander	≥ 420	16.1	14.4	21.7	26.2	21.5	≥ 420	17.6	13.9	51.5	11.5	5.4
	Two or More Races	≥ 650	19.7	11.9	16.6	26.3	25.5	≥ 650	24.7	13.2	43.5	10.8	7.8
	White	≥ 1,120	12.3	8.6	16.1	25.0	38.1	≥ 1,120	14.2	12.3	47.1	14.6	11.7
	Other/Unknown	≥ 10	18.2	18.2	9.1	0.0	54.5	≥ 10	18.2	9.1	36.4	27.3	9.1

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.6: Summative Performance Level by Domain - Grade 5**

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 13,100	9.7	8.1	12.9	40.8	28.5	≥ 12,950	21.9	16.0	37.8	15.1	9.1
Gender	<b>Female</b>	≥ 5,770	8.8	8.1	12.1	41.2	29.8	≥ 5,720	19.0	15.1	40.1	15.6	10.3
	<b>Male</b>	≥ 7,280	10.4	8.2	13.5	40.4	27.5	≥ 7,190	24.2	16.7	36.1	14.7	8.3
	<b>Missing</b>	≥ 30	2.6	12.8	10.3	48.7	25.6	≥ 30	15.4	17.9	41.0	15.4	10.3
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 30	6.5	12.9	16.1	25.8	38.7	≥ 30	25.8	9.7	22.6	19.4	22.6
	<b>Asian</b>	≥ 1,320	8.9	6.4	10.9	39.9	33.9	≥ 1,300	16.3	14.4	38.2	17.5	13.5
	<b>Black or African American</b>	≥ 1,500	7.9	7.0	15.8	43.7	25.6	≥ 1,480	20.8	18.3	38.5	14.2	8.2
	<b>Hispanic or Latino</b>	≥ 8,300	9.6	8.6	12.8	40.4	28.6	≥ 8,230	22.9	15.9	37.2	15.0	8.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	3.7	11.1	11.1	51.9	22.2	≥ 20	18.5	25.9	40.7	11.1	3.7
	<b>Pacific Islander</b>	≥ 390	7.9	11.2	15.3	44.6	20.9	≥ 390	19.7	17.2	45.4	12.8	4.9
	<b>Two or More Races</b>	≥ 610	16.4	7.9	12.6	40.5	22.6	≥ 590	27.9	15.0	37.7	13.3	6.1
	<b>White</b>	≥ 890	10.8	7.0	10.0	39.6	32.6	≥ 880	19.5	15.7	38.8	15.8	10.2
	<b>Other/Unknown</b>	≥ 10	10.0	0.0	0.0	60.0	30.0	≥ 10	10.0	10.0	50.0	30.0	0.0

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.6: 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		≥ 13,000	17.7	11.4	24.5	22.5	23.9	≥ 12,960	15.4	10.3	57.6	10.1	6.7
Gender	Female	≥ 5,740	15.6	10.2	24.3	23.0	26.8	≥ 5,730	13.5	9.0	58.8	10.5	8.3
	Male	≥ 7,210	19.4	12.3	24.7	22.0	21.6	≥ 7,190	16.8	11.3	56.7	9.7	5.4
	Missing	≥ 30	17.9	12.8	25.6	20.5	23.1	≥ 30	15.4	5.1	51.3	20.5	7.7
Ethnicity	American Indian or Alaskan Native	≥ 30	16.1	12.9	16.1	22.6	32.3	≥ 30	12.9	12.9	48.4	12.9	12.9
	Asian	≥ 1,300	14.5	9.0	24.0	24.8	27.7	≥ 1,300	10.2	10.1	58.0	12.5	9.3
	Black or African American	≥ 1,490	14.7	13.1	24.4	22.1	25.7	≥ 1,480	13.4	11.3	60.3	8.6	6.5
	Hispanic or Latino	≥ 8,250	18.6	11.7	24.4	22.3	23.1	≥ 8,240	16.3	10.5	56.6	10.1	6.5
	Native Hawaiian or Other Pacific Islander	≥ 20	14.8	3.7	33.3	25.9	22.2	≥ 20	11.1	3.7	74.1	3.7	7.4
	Pacific Islander	≥ 390	18.1	11.2	29.3	25.0	16.3	≥ 390	13.8	9.0	64.2	9.5	3.6
	Two or More Races	≥ 600	23.1	12.3	27.1	19.3	18.1	≥ 580	21.4	10.0	58.1	5.6	4.9
	White	≥ 880	15.1	9.4	22.9	22.0	30.7	≥ 880	14.4	7.5	57.6	12.9	7.6
	Other/Unknown	≥ 10	10.0	0.0	40.0	30.0	20.0	≥ 10	10.0	0.0	80.0	10.0	0.0

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.7: Summative Performance Level by Domain - Grade 6**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 11,560	9.6	6.7	20.4	37.9	25.4	≥ 11,470	21.1	19.3	38.2	13.1	8.3
Gender	Female	≥ 5,090	9.1	7.0	20.5	38.7	24.8	≥ 5,060	19.0	19.5	39.3	13.6	8.6
	Male	≥ 6,430	10.0	6.5	20.3	37.4	25.9	≥ 6,360	22.7	19.1	37.4	12.6	8.2
	Missing	≥ 30	9.1	6.1	27.3	30.3	27.3	≥ 30	12.1	24.2	39.4	18.2	6.1
Ethnicity	American Indian or Alaskan Native	≥ 40	19.5	2.4	17.1	43.9	17.1	≥ 40	24.4	17.1	51.2	4.9	2.4
	Asian	≥ 1,030	7.0	6.0	17.5	34.7	34.9	≥ 1,010	14.9	13.9	38.6	16.5	16.0
	Black or African American	≥ 1,230	6.1	5.5	20.8	42.9	24.7	≥ 1,220	17.0	19.7	42.0	13.0	8.3
	Hispanic or Latino	≥ 7,560	10.3	7.1	20.8	37.2	24.5	≥ 7,510	22.6	19.8	37.4	12.7	7.4
	Native Hawaiian or Other Pacific Islander	≥ 10	8.3	16.7	8.3	41.7	25.0	≥ 10	25.0	16.7	50.0	8.3	0.0
	Pacific Islander	≥ 350	3.7	8.2	21.8	45.6	20.7	≥ 350	15.8	23.2	41.5	13.3	6.2
	Two or More Races	≥ 510	13.3	7.9	22.2	38.6	18.0	≥ 500	25.9	21.7	37.5	9.3	5.5
	White	≥ 800	10.3	4.9	18.1	36.7	30.0	≥ 790	19.3	17.9	37.4	14.6	10.8
	Other/Unknown	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.7: Summative Performance Level by Domain - Grade 6 (cont.)**

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 11,480	14.6	11.8	31.4	23.1	19.1	≥ 11,470	13.9	10.6	54.3	13.0	8.1
<b>Gender</b>	<b>Female</b>	≥ 5,060	13.5	10.8	30.2	24.6	21.0	≥ 5,060	12.3	9.5	54.0	14.5	9.8
	<b>Male</b>	≥ 6,380	15.6	12.5	32.4	21.9	17.7	≥ 6,380	15.2	11.5	54.6	11.9	6.8
	<b>Missing</b>	≥ 30	6.1	21.2	30.3	30.3	12.1	≥ 30	6.1	18.2	57.6	15.2	3.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	22.0	4.9	48.8	19.5	4.9	≥ 40	17.1	12.2	58.5	7.3	4.9
	<b>Asian</b>	≥ 1,010	12.3	7.0	26.1	26.1	28.4	≥ 1,010	10.5	8.3	50.7	16.4	14.0
	<b>Black or African American</b>	≥ 1,220	10.8	13.9	29.3	25.5	20.6	≥ 1,220	10.6	10.1	58.4	12.5	8.5
	<b>Hispanic or Latino</b>	≥ 7,520	15.6	12.0	32.3	22.4	17.7	≥ 7,520	14.9	11.0	54.4	12.4	7.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	8.3	25.0	16.7	25.0	25.0	≥ 10	16.7	8.3	58.3	16.7	0.0
	<b>Pacific Islander</b>	≥ 350	9.6	14.4	35.7	24.6	15.6	≥ 350	7.3	12.1	56.5	16.1	7.9
	<b>Two or More Races</b>	≥ 510	18.8	14.7	32.4	21.2	12.9	≥ 500	17.4	12.3	54.9	10.3	5.1
	<b>White</b>	≥ 790	13.0	9.5	29.6	22.8	25.1	≥ 790	13.3	9.7	50.6	16.6	9.8
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.8: Summative Performance Level by Domain - Grade 7**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 11,100	15.0	11.0	33.9	23.4	16.7	≥ 10,980	30.1	24.4	33.4	7.9	4.3
Gender	<b>Female</b>	≥ 4,920	15.3	10.8	34.1	23.5	16.4	≥ 4,880	28.7	24.6	34.5	8.0	4.2
	<b>Male</b>	≥ 6,140	14.7	11.1	33.9	23.4	16.9	≥ 6,070	31.2	24.2	32.6	7.8	4.2
	<b>Missing</b>	≥ 30	20.6	23.5	14.7	17.6	23.5	≥ 30	40.6	21.9	12.5	3.1	21.9
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 20	33.3	11.1	29.6	14.8	11.1	≥ 20	55.6	14.8	18.5	11.1	0.0
	<b>Asian</b>	≥ 1,000	9.4	10.4	31.5	24.2	24.5	≥ 980	22.5	21.1	36.2	10.9	9.3
	<b>Black or African American</b>	≥ 1,210	12.1	13.3	34.9	22.2	17.6	≥ 1,180	30.0	23.9	33.2	7.9	5.0
	<b>Hispanic or Latino</b>	≥ 7,330	16.5	10.8	33.8	23.4	15.5	≥ 7,280	31.6	24.7	32.7	7.4	3.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	3.7	29.6	48.1	18.5	0.0	≥ 20	19.2	65.4	15.4	0.0	0.0
	<b>Pacific Islander</b>	≥ 340	7.6	13.2	40.9	25.9	12.4	≥ 340	27.9	27.9	35.8	6.7	1.8
	<b>Two or More Races</b>	≥ 470	16.7	9.3	32.9	21.9	19.2	≥ 460	29.2	23.4	35.8	7.1	4.5
	<b>White</b>	≥ 670	14.1	8.9	33.7	25.3	18.0	≥ 660	26.7	24.0	34.9	10.0	4.4
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.8: 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		≥ 11,010	17.2	14.4	34.2	17.9	16.3	≥ 11,000	23.2	19.0	44.9	8.2	4.7
Gender	Female	≥ 4,880	16.1	13.2	33.2	19.3	18.3	≥ 4,880	21.5	17.5	45.9	9.2	5.9
	Male	≥ 6,090	18.2	15.3	35.1	16.7	14.7	≥ 6,090	24.6	20.2	44.1	7.4	3.7
	Missing	≥ 30	16.7	10.0	33.3	13.3	26.7	≥ 30	35.5	12.9	29.0	6.5	16.1
Ethnicity	American Indian or Alaskan Native	≥ 20	37.0	7.4	37.0	14.8	3.7	≥ 20	44.4	7.4	40.7	3.7	3.7
	Asian	≥ 980	12.8	10.5	31.6	20.4	24.7	≥ 980	16.8	18.3	46.9	9.9	8.1
	Black or African American	≥ 1,190	14.3	15.7	34.5	18.3	17.1	≥ 1,190	23.1	19.0	43.6	9.2	5.2
	Hispanic or Latino	≥ 7,290	18.5	15.0	34.5	17.2	14.9	≥ 7,290	24.6	19.1	44.5	7.6	4.1
	Native Hawaiian or Other Pacific Islander	≥ 20	7.4	14.8	70.4	7.4	0.0	≥ 20	11.5	34.6	53.8	0.0	0.0
	Pacific Islander	≥ 340	12.4	18.2	35.6	19.7	14.1	≥ 340	17.9	18.5	52.6	7.9	2.9
	Two or More Races	≥ 460	20.6	9.9	33.0	21.8	14.8	≥ 460	24.5	17.4	45.1	9.4	3.6
	White	≥ 670	15.4	12.4	33.0	17.8	21.5	≥ 660	19.8	19.9	43.9	9.6	6.9
	Other/Unknown	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.9: Summative Performance Level by Domain - Grade 8**

Subgroup	Status	Listening					Reading						
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 10,960	15.6	9.4	30.7	25.1	19.2	≥ 10,870	28.8	22.2	38.7	6.5	3.9
Gender	<b>Female</b>	≥ 4,850	15.1	8.7	30.7	25.0	20.4	≥ 4,820	26.8	21.4	40.8	7.3	3.8
	<b>Male</b>	≥ 6,080	15.9	9.9	30.7	25.2	18.2	≥ 6,020	30.4	22.9	37.0	5.8	3.9
	<b>Missing</b>	≥ 20	34.6	3.8	7.7	34.6	19.2	≥ 20	33.3	8.3	45.8	4.2	8.3
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 30	2.9	8.6	28.6	22.9	37.1	≥ 30	14.3	20.0	48.6	8.6	8.6
	<b>Asian</b>	≥ 980	11.3	7.1	27.9	25.6	28.1	≥ 960	20.1	18.4	42.8	10.7	8.1
	<b>Black or African American</b>	≥ 1,130	8.4	9.3	34.7	27.4	20.3	≥ 1,120	22.1	25.2	40.0	8.0	4.6
	<b>Hispanic or Latino</b>	≥ 7,270	17.9	9.8	29.6	24.8	18.0	≥ 7,220	31.3	21.8	38.1	5.9	2.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4.2	4.2	45.8	33.3	12.5	≥ 20	17.4	39.1	39.1	4.3	0.0
	<b>Pacific Islander</b>	≥ 330	7.4	14.2	41.2	21.4	15.7	≥ 330	29.2	25.9	37.8	4.8	2.4
	<b>Two or More Races</b>	≥ 460	20.2	8.3	33.3	21.7	16.5	≥ 450	32.7	23.8	35.8	2.6	5.1
	<b>White</b>	≥ 710	12.3	7.3	32.1	27.7	20.6	≥ 700	23.8	23.3	39.4	7.6	6.0
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.9: 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		≥ 10,890	17.2	12.1	33.1	17.1	20.5	≥ 10,870	24.2	18.0	45.0	7.6	5.2
Gender	Female	≥ 4,830	16.1	11.0	31.7	17.8	23.4	≥ 4,820	21.9	16.5	46.2	9.0	6.4
	Male	≥ 6,030	18.1	13.0	34.4	16.4	18.1	≥ 6,020	26.0	19.2	44.0	6.5	4.3
	Missing	≥ 20	30.4	4.3	13.0	26.1	26.1	≥ 20	34.8	4.3	52.2	4.3	4.3
Ethnicity	American Indian or Alaskan Native	≥ 30	17.1	8.6	25.7	2.9	45.7	≥ 30	11.4	17.1	45.7	14.3	11.4
	Asian	≥ 960	11.0	9.5	29.0	18.3	32.2	≥ 960	18.1	14.8	48.4	9.6	9.0
	Black or African American	≥ 1,120	10.2	12.2	35.3	18.3	24.0	≥ 1,120	16.7	21.8	46.1	9.9	5.5
	Hispanic or Latino	≥ 7,230	19.5	12.5	33.4	16.7	17.8	≥ 7,230	26.8	17.4	44.2	7.0	4.6
	Native Hawaiian or Other Pacific Islander	≥ 20	8.3	16.7	37.5	16.7	20.8	≥ 20	8.3	33.3	45.8	8.3	4.2
	Pacific Islander	≥ 330	12.1	18.3	43.2	14.2	12.1	≥ 330	20.5	24.0	46.6	5.6	3.3
	Two or More Races	≥ 450	21.1	10.8	29.5	18.5	20.2	≥ 440	27.8	18.7	41.6	6.5	5.3
	White	≥ 700	13.5	9.0	30.6	17.8	29.1	≥ 700	18.9	18.1	47.3	8.6	7.1
	Other/Unknown	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.10: Summative Performance Level by Domain - Grade 9**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
Total		≥ 14,070	28.4	11.0	32.2	17.7	10.8	≥ 14,020	39.1	22.7	32.5	3.8	1.9
Gender	Female	≥ 5,980	25.3	11.4	33.4	18.5	11.4	≥ 5,960	35.6	24.0	34.5	3.8	2.1
	Male	≥ 8,040	30.8	10.7	31.3	17.0	10.2	≥ 8,010	41.7	21.8	30.9	3.8	1.8
	Missing	≥ 40	29.3	7.3	24.4	26.8	12.2	≥ 30	41.0	12.8	41.0	0.0	5.1
Ethnicity	American Indian or Alaskan Native	≥ 30	24.2	12.1	24.2	15.2	24.2	≥ 30	36.4	24.2	21.2	12.1	6.1
	Asian	≥ 1,070	11.3	9.7	35.7	22.9	20.5	≥ 1,060	20.9	21.7	44.6	7.6	5.3
	Black or African American	≥ 1,540	14.9	12.8	38.7	20.4	13.3	≥ 1,530	28.4	27.1	38.2	3.9	2.3
	Hispanic or Latino	≥ 9,640	33.0	10.9	30.4	16.4	9.3	≥ 9,620	43.1	21.9	30.2	3.3	1.5
	Native Hawaiian or Other Pacific Islander	≥ 20	23.1	3.8	53.8	15.4	3.8	≥ 20	32.0	40.0	20.0	8.0	0.0
	Pacific Islander	≥ 360	10.8	15.6	45.3	20.3	8.1	≥ 360	26.5	34.3	35.1	3.0	1.1
	Two or More Races	≥ 620	44.4	9.0	23.7	16.4	6.4	≥ 610	52.6	18.1	26.1	2.0	1.1
	White	≥ 770	18.1	10.4	37.0	20.4	14.2	≥ 760	30.1	23.5	37.6	5.6	3.1
	Other/Unknown	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.10: Summative Performance Level by Domain - Grade 9 (cont.)**

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 13,980	28.9	17.4	33.4	12.1	8.3	≥ 14,010	36.0	18.4	38.9	4.6	2.1
Gender	<b>Female</b>	≥ 5,950	25.6	16.2	34.5	13.2	10.5	≥ 5,960	32.6	18.4	41.2	5.3	2.6
	<b>Male</b>	≥ 7,990	31.3	18.2	32.5	11.4	6.6	≥ 8,010	38.5	18.4	37.2	4.2	1.7
	<b>Missing</b>	≥ 30	20.5	25.6	30.8	10.3	12.8	≥ 40	40.5	16.7	38.1	2.4	2.4
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 30	24.2	15.2	33.3	15.2	12.1	≥ 30	39.4	18.2	36.4	0.0	6.1
	<b>Asian</b>	≥ 1,060	12.2	12.6	38.9	19.2	17.1	≥ 1,060	19.2	19.3	48.7	7.6	5.1
	<b>Black or African American</b>	≥ 1,540	15.6	19.1	38.2	15.1	11.9	≥ 1,530	24.4	22.9	44.9	5.3	2.4
	<b>Hispanic or Latino</b>	≥ 9,590	33.4	17.7	31.8	10.8	6.4	≥ 9,610	40.3	17.4	36.6	4.1	1.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	16.0	24.0	48.0	8.0	4.0	≥ 20	20.0	36.0	44.0	0.0	0.0
	<b>Pacific Islander</b>	≥ 350	13.6	28.1	42.6	10.0	5.6	≥ 360	20.4	25.1	47.2	4.4	2.8
	<b>Two or More Races</b>	≥ 600	42.9	14.1	26.6	10.0	6.3	≥ 610	50.3	14.2	30.4	3.9	1.1
	<b>White</b>	≥ 760	18.7	14.2	36.3	15.5	15.4	≥ 760	25.5	19.5	44.8	6.5	3.7
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.11: Summative Performance Level by Domain - Grade 10**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 10,850	16.9	10.9	32.2	21.0	18.9	≥ 10,800	27.3	21.3	40.1	7.1	4.1
Gender	<b>Female</b>	≥ 4,700	14.7	10.5	33.0	21.9	19.8	≥ 4,680	24.5	21.7	42.4	6.9	4.5
	<b>Male</b>	≥ 6,130	18.6	11.3	31.6	20.4	18.2	≥ 6,100	29.5	21.0	38.3	7.3	3.8
	<b>Missing</b>	≥ 20	25.0	5.0	35.0	20.0	15.0	≥ 10	31.6	26.3	36.8	5.3	0.0
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 20	7.7	7.7	38.5	11.5	34.6	≥ 20	15.4	19.2	46.2	7.7	11.5
	<b>Asian</b>	≥ 990	6.1	7.2	33.1	26.3	27.3	≥ 980	14.2	19.1	49.3	11.3	6.1
	<b>Black or African American</b>	≥ 1,290	9.6	12.6	37.8	21.6	18.4	≥ 1,280	22.8	25.8	39.8	7.4	4.2
	<b>Hispanic or Latino</b>	≥ 7,090	20.3	11.3	30.3	20.2	17.8	≥ 7,060	30.6	20.4	39.1	6.4	3.5
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	14.3	14.3	47.6	23.8	0.0	≥ 20	22.7	36.4	40.9	0.0	0.0
	<b>Pacific Islander</b>	≥ 320	8.8	11.9	44.1	22.8	12.5	≥ 310	20.1	33.5	39.2	5.3	1.9
	<b>Two or More Races</b>	≥ 390	27.8	10.6	32.1	14.4	15.2	≥ 390	39.8	19.1	31.0	6.5	3.5
	<b>White</b>	≥ 710	8.8	9.1	34.3	24.4	23.4	≥ 700	18.1	21.2	42.7	9.2	8.8
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.11: Summative Performance Level by Domain - Grade 10 (cont.)**

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 10,760	17.5	16.3	35.5	15.8	14.9	≥ 10,800	24.5	17.9	45.1	7.9	4.7
Gender	<b>Female</b>	≥ 4,660	15.2	15.8	34.0	17.4	17.6	≥ 4,680	22.0	17.0	47.1	8.4	5.4
	<b>Male</b>	≥ 6,080	19.2	16.7	36.6	14.6	12.9	≥ 6,100	26.3	18.5	43.5	7.5	4.2
	<b>Missing</b>	≥ 10	27.8	5.6	27.8	22.2	16.7	≥ 10	27.8	16.7	50.0	0.0	5.6
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 20	7.7	3.8	57.7	19.2	11.5	≥ 20	11.5	23.1	46.2	11.5	7.7
	<b>Asian</b>	≥ 980	6.6	12.4	36.3	19.2	25.5	≥ 980	12.9	17.5	52.6	9.6	7.3
	<b>Black or African American</b>	≥ 1,280	8.6	17.6	38.5	18.3	17.1	≥ 1,270	18.4	21.5	48.1	7.2	4.8
	<b>Hispanic or Latino</b>	≥ 7,040	21.1	16.9	34.4	14.7	12.9	≥ 7,070	28.1	17.0	43.1	7.7	4.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	9.5	28.6	42.9	19.0	0.0	≥ 20	18.2	22.7	50.0	9.1	0.0
	<b>Pacific Islander</b>	≥ 310	14.1	19.7	46.1	13.8	6.3	≥ 310	15.4	24.8	50.2	6.6	3.1
	<b>Two or More Races</b>	≥ 390	25.8	17.6	31.9	13.8	11.0	≥ 390	34.9	18.2	37.4	4.9	4.6
	<b>White</b>	≥ 690	9.8	10.9	35.9	20.1	23.4	≥ 700	14.3	17.0	50.2	10.2	8.2
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.12: Summative Performance Level by Domain - Grade 11**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 9,850	12.3	12.1	30.8	20.9	23.9	≥ 9,810	23.5	21.1	40.2	8.7	6.5
Gender	<b>Female</b>	≥ 4,430	11.0	12.1	31.0	21.0	25.0	≥ 4,420	21.8	20.9	42.2	8.3	6.7
	<b>Male</b>	≥ 5,370	13.3	12.2	30.7	20.8	23.0	≥ 5,350	24.9	21.3	38.5	9.0	6.3
	<b>Missing</b>	≥ 40	14.0	0.0	32.6	27.9	25.6	≥ 40	21.4	14.3	47.6	14.3	2.4
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 20	5.0	0.0	15.0	65.0	15.0	≥ 20	5.0	10.0	70.0	5.0	10.0
	<b>Asian</b>	≥ 980	5.2	8.9	30.9	24.2	30.8	≥ 970	14.2	19.3	46.4	11.4	8.7
	<b>Black or African American</b>	≥ 1,320	8.8	13.5	34.7	20.3	22.8	≥ 1,310	23.2	22.1	40.9	8.5	5.3
	<b>Hispanic or Latino</b>	≥ 6,140	14.7	12.3	29.9	20.4	22.7	≥ 6,130	25.3	21.4	39.1	8.2	6.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	8.7	8.7	17.4	43.5	21.7	≥ 20	17.4	21.7	52.2	4.3	4.3
	<b>Pacific Islander</b>	≥ 290	10.1	13.5	41.4	18.9	16.2	≥ 290	24.9	29.3	40.4	4.7	0.7
	<b>Two or More Races</b>	≥ 330	19.5	16.3	29.0	17.2	18.0	≥ 330	31.6	22.1	34.0	6.9	5.4
	<b>White</b>	≥ 710	6.0	9.8	29.4	21.9	32.9	≥ 700	17.9	16.0	41.3	13.2	11.6
	<b>Other/Unknown</b>	≥ 10	0.0	0.0	20.0	30.0	50.0	≥ 10	0.0	10.0	50.0	20.0	20.0

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.12: Summative Performance Level by Domain - Grade 11 (cont.)**

Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 9,770	13.1	16.2	34.9	17.0	18.8	≥ 9,780	20.4	18.1	44.4	10.2	7.0
Gender	<b>Female</b>	≥ 4,390	12.0	14.4	34.1	17.9	21.5	≥ 4,410	19.1	17.3	45.0	11.0	7.6
	<b>Male</b>	≥ 5,330	14.1	17.7	35.6	16.2	16.5	≥ 5,330	21.5	18.7	43.7	9.6	6.4
	<b>Missing</b>	≥ 40	11.6	7.0	37.2	20.9	23.3	≥ 40	12.2	19.5	56.1	4.9	7.3
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 20	5.0	5.0	40.0	35.0	15.0	≥ 20	5.0	10.0	60.0	15.0	10.0
	<b>Asian</b>	≥ 970	6.7	12.0	33.1	21.2	27.0	≥ 970	11.1	19.0	50.8	11.1	7.9
	<b>Black or African American</b>	≥ 1,300	7.7	16.3	39.3	17.3	19.4	≥ 1,300	17.5	20.9	45.0	10.1	6.5
	<b>Hispanic or Latino</b>	≥ 6,100	15.8	16.9	34.2	16.3	16.7	≥ 6,110	23.0	17.5	43.0	9.9	6.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	4.0	8.0	48.0	24.0	16.0	≥ 20	13.0	17.4	60.9	8.7	0.0
	<b>Pacific Islander</b>	≥ 290	18.2	23.6	38.4	10.8	9.1	≥ 290	18.9	21.9	47.5	9.4	2.4
	<b>Two or More Races</b>	≥ 320	14.0	18.6	35.4	14.0	18.0	≥ 330	30.4	17.2	39.5	7.8	5.1
	<b>White</b>	≥ 700	7.2	11.8	33.3	19.4	28.2	≥ 700	12.9	15.5	45.9	12.8	12.8
	<b>Other/Unknown</b>	≥ 10	0.0	0.0	30.0	20.0	50.0	≥ 10	0.0	10.0	60.0	20.0	10.0

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.13: Summative Performance Level by Domain - Grade 12**

Subgroup	Status	Listening						Reading					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 7,710	8.9	10.7	33.3	22.2	24.9	≥ 7,660	19.1	22.4	42.5	9.1	6.9
Gender	<b>Female</b>	≥ 3,520	8.0	10.2	32.3	22.2	27.3	≥ 3,500	17.1	22.8	42.8	9.8	7.5
	<b>Male</b>	≥ 4,150	9.6	11.1	34.0	22.3	22.9	≥ 4,120	20.8	22.0	42.2	8.5	6.5
	<b>Missing</b>	≥ 30	7.9	10.5	34.2	26.3	21.1	≥ 30	21.1	18.4	44.7	15.8	0.0
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 10	6.3	6.3	43.8	18.8	25.0	≥ 10	25.0	12.5	56.3	6.3	0.0
	<b>Asian</b>	≥ 910	6.4	8.7	30.3	26.3	28.2	≥ 900	15.6	19.4	45.8	11.2	8.0
	<b>Black or African American</b>	≥ 1,050	9.4	11.3	37.1	22.4	19.9	≥ 1,040	22.0	24.4	41.0	7.1	5.5
	<b>Hispanic or Latino</b>	≥ 4,670	9.4	10.8	33.3	21.5	25.0	≥ 4,650	19.3	22.8	42.5	9.2	6.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	0.0	23.5	52.9	17.6	5.9	≥ 10	23.5	29.4	35.3	11.8	0.0
	<b>Pacific Islander</b>	≥ 180	7.5	10.2	36.6	24.7	21.0	≥ 180	19.7	26.1	43.1	5.9	5.3
	<b>Two or More Races</b>	≥ 250	15.3	12.5	33.7	18.4	20.0	≥ 250	25.5	23.9	34.3	10.4	6.0
	<b>White</b>	≥ 590	5.7	11.4	28.9	22.1	31.9	≥ 590	15.2	18.4	43.0	9.6	13.7
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

**Table S5.13: Summative Performance Level by Domain - Grade 12 (cont.)**

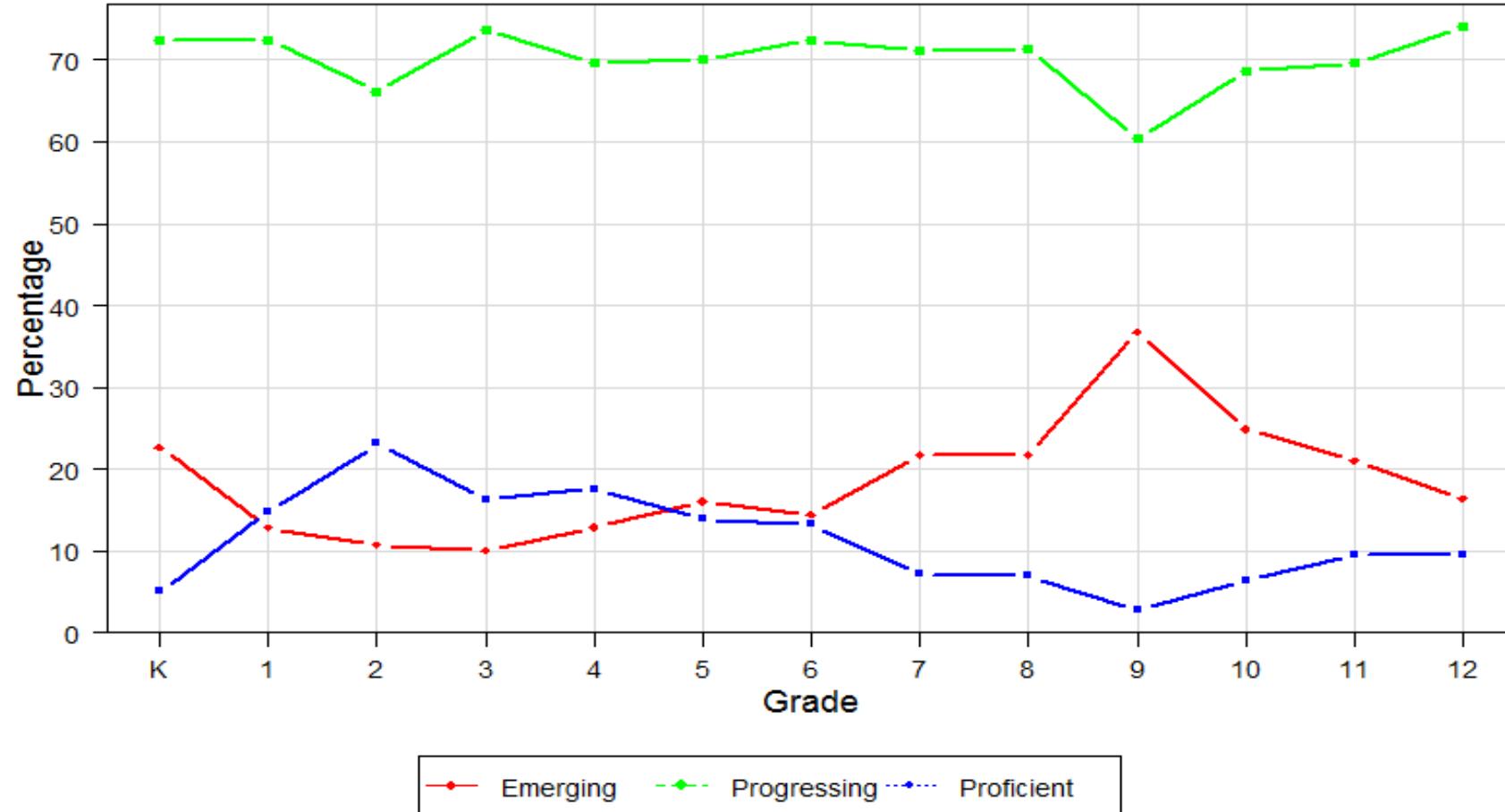
Subgroup	Status	Speaking						Writing					
		N	1	2	3	4	5	N	1	2	3	4	5
<b>Total</b>		≥ 7,610	10.7	14.6	36.3	18.7	19.7	≥ 7,650	16.0	20.0	47.4	9.9	6.7
Gender	<b>Female</b>	≥ 3,490	9.3	14.8	33.9	19.6	22.4	≥ 3,500	14.5	19.2	47.2	11.6	7.5
	<b>Male</b>	≥ 4,080	11.9	14.5	38.4	17.9	17.3	≥ 4,110	17.2	20.7	47.6	8.5	6.1
	<b>Missing</b>	≥ 30	8.8	11.8	32.4	20.6	26.5	≥ 30	14.3	20.0	54.3	5.7	5.7
Ethnicity	<b>American Indian or Alaskan Native</b>	≥ 10	6.3	18.8	43.8	25.0	6.3	≥ 10	6.3	43.8	43.8	6.3	0.0
	<b>Asian</b>	≥ 890	7.1	10.7	34.7	19.8	27.6	≥ 900	13.1	19.7	50.3	9.3	7.6
	<b>Black or African American</b>	≥ 1,030	7.2	16.2	39.2	18.3	19.1	≥ 1,040	17.3	23.2	45.3	8.8	5.4
	<b>Hispanic or Latino</b>	≥ 4,610	12.8	15.0	36.2	18.3	17.7	≥ 4,640	16.5	19.7	47.2	10.0	6.5
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	11.8	5.9	58.8	23.5	0.0	≥ 10	11.8	23.5	64.7	0.0	0.0
	<b>Pacific Islander</b>	≥ 180	12.3	20.3	39.0	17.6	10.7	≥ 190	15.8	17.4	53.2	7.9	5.8
	<b>Two or More Races</b>	≥ 250	12.3	17.9	38.9	16.3	14.7	≥ 250	20.4	21.6	42.0	10.8	5.2
	<b>White</b>	≥ 590	5.1	11.5	32.2	21.5	29.7	≥ 590	12.0	16.8	48.6	11.9	10.7
	<b>Other/Unknown</b>	< 10						< 10					

\* Domain tests with Exemption or Not Attempted are excluded.

## **Section 6: Summative Assessment - Percentage of Students by Overall Proficiency Category**

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

Figure S6.1: Summative Percentage of Students in Proficiency Categories



**Table S6.1: Summative Overall Proficiency Categories - Kindergarten**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 27,500	22.6	72.4	5.0
<b>Gender</b>	<b>Female</b>	≥ 13,400	19.0	75.4	5.6
	<b>Male</b>	≥ 13,950	26.0	69.6	4.4
	<b>Missing</b>	≥ 150	24.7	67.5	7.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	17.3	77.6	5.1
	<b>Asian</b>	≥ 4,090	13.9	76.3	9.8
	<b>Black or African American</b>	≥ 2,970	15.1	79.7	5.2
	<b>Hispanic or Latino</b>	≥ 16,110	27.1	69.9	3.0
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 50	13.2	81.1	5.7
	<b>Pacific Islander</b>	≥ 540	25.1	72.3	2.6
	<b>Two or More Races</b>	≥ 1,070	28.8	66.9	4.3
	<b>White</b>	≥ 2,510	13.9	75.9	10.2
	<b>Other/Unknown</b>	≥ 50	17.3	75.0	7.7

**Table S6.2: Summative Overall Proficiency Categories - Grade 1**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 25,550	12.8	72.5	14.8
<b>Gender</b>	<b>Female</b>	≥ 12,330	10.8	73.0	16.2
	<b>Male</b>	≥ 13,090	14.7	71.9	13.4
	<b>Missing</b>	≥ 120	15.1	72.2	12.7
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 90	8.8	79.1	12.1
	<b>Asian</b>	≥ 3,800	8.2	63.2	28.6
	<b>Black or African American</b>	≥ 2,820	11.1	72.3	16.6
	<b>Hispanic or Latino</b>	≥ 15,000	14.4	75.3	10.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 40	12.8	70.2	17.0
	<b>Pacific Islander</b>	≥ 500	15.2	74.8	10.0
	<b>Two or More Races</b>	≥ 970	18.5	70.6	10.9
	<b>White</b>	≥ 2,280	9.0	70.0	21.0
	<b>Other/Unknown</b>	≥ 30	9.7	71.0	19.4

**Table S6.3: Summative Overall Proficiency Categories - Grade 2**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 23,210	10.7	66.2	23.1
<b>Gender</b>	<b>Female</b>	≥ 11,200	9.6	64.9	25.5
	<b>Male</b>	≥ 11,910	11.9	67.5	20.7
	<b>Missing</b>	≥ 100	9.4	61.3	29.2
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	16.9	62.7	20.3
	<b>Asian</b>	≥ 3,260	8.2	57.2	34.6
	<b>Black or African American</b>	≥ 2,580	8.8	68.2	23.1
	<b>Hispanic or Latino</b>	≥ 13,780	11.6	68.8	19.6
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	2.6	59.0	38.5
	<b>Pacific Islander</b>	≥ 500	11.6	74.1	14.4
	<b>Two or More Races</b>	≥ 970	16.0	62.9	21.0
	<b>White</b>	≥ 1,980	8.5	60.3	31.2
	<b>Other/Unknown</b>	≥ 20	0.0	86.4	13.6

**Table S6.4: Summative Overall Proficiency Categories - Grade 3**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 18,250	10.0	73.7	16.3
<b>Gender</b>	<b>Female</b>	≥ 8,530	9.3	71.9	18.8
	<b>Male</b>	≥ 9,680	10.6	75.3	14.1
	<b>Missing</b>	≥ 30	16.2	70.3	13.5
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 50	14.5	56.4	29.1
	<b>Asian</b>	≥ 2,120	8.6	69.6	21.8
	<b>Black or African American</b>	≥ 1,940	7.7	76.0	16.3
	<b>Hispanic or Latino</b>	≥ 11,410	10.3	74.9	14.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 30	6.7	76.7	16.7
	<b>Pacific Islander</b>	≥ 430	9.7	80.2	10.1
	<b>Two or More Races</b>	≥ 820	13.5	71.7	14.7
	<b>White</b>	≥ 1,410	10.3	67.0	22.8
	<b>Other/Unknown</b>	≥ 10	6.7	73.3	20.0

**Table S6.5: Summative Overall Proficiency Categories - Grade 4**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 15,160	12.9	69.6	17.6
<b>Gender</b>	<b>Female</b>	≥ 6,780	12.2	68.7	19.1
	<b>Male</b>	≥ 8,330	13.4	70.3	16.3
	<b>Missing</b>	≥ 30	15.4	66.7	17.9
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	8.7	67.4	23.9
	<b>Asian</b>	≥ 1,660	10.3	65.2	24.4
	<b>Black or African American</b>	≥ 1,620	10.4	73.7	15.9
	<b>Hispanic or Latino</b>	≥ 9,550	13.4	70.3	16.3
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	19.0	61.9	19.0
	<b>Pacific Islander</b>	≥ 420	14.8	72.1	13.1
	<b>Two or More Races</b>	≥ 660	18.5	65.8	15.7
	<b>White</b>	≥ 1,130	11.5	65.6	22.8
	<b>Other/Unknown</b>	≥ 10	27.3	36.4	36.4

**Table S6.6: Summative Overall Proficiency Categories - Grade 5**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 13,110	16.0	70.1	13.9
<b>Gender</b>	<b>Female</b>	≥ 5,780	14.6	69.7	15.7
	<b>Male</b>	≥ 7,290	17.2	70.5	12.4
	<b>Missing</b>	≥ 30	12.8	64.1	23.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	16.1	58.1	25.8
	<b>Asian</b>	≥ 1,320	13.3	68.5	18.3
	<b>Black or African American</b>	≥ 1,510	13.2	74.3	12.5
	<b>Hispanic or Latino</b>	≥ 8,310	16.6	69.7	13.7
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	11.1	77.8	11.1
	<b>Pacific Islander</b>	≥ 390	14.3	76.3	9.4
	<b>Two or More Races</b>	≥ 610	22.9	68.3	8.8
	<b>White</b>	≥ 890	15.9	67.7	16.4
	<b>Other/Unknown</b>	≥ 10	10.0	80.0	10.0

**Table S6.7: Summative Overall Proficiency Categories - Grade 6**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 11,590	14.4	72.4	13.2
<b>Gender</b>	<b>Female</b>	≥ 5,110	13.8	71.5	14.7
	<b>Male</b>	≥ 6,450	15.0	73.0	12.0
	<b>Missing</b>	≥ 30	9.1	78.8	12.1
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 40	19.5	75.6	4.9
	<b>Asian</b>	≥ 1,030	11.7	65.5	22.7
	<b>Black or African American</b>	≥ 1,240	10.9	76.7	12.4
	<b>Hispanic or Latino</b>	≥ 7,570	15.2	72.7	12.0
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	25.0	66.7	8.3
	<b>Pacific Islander</b>	≥ 350	9.0	78.0	13.0
	<b>Two or More Races</b>	≥ 520	19.8	71.8	8.4
	<b>White</b>	≥ 800	14.0	68.9	17.1
	<b>Other/Unknown</b>	< 10			

**Table S6.8: Summative Overall Proficiency Categories - Grade 7**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 11,120	21.7	71.1	7.1
<b>Gender</b>	<b>Female</b>	≥ 4,940	21.2	70.9	7.9
	<b>Male</b>	≥ 6,150	22.1	71.4	6.5
	<b>Missing</b>	≥ 30	32.4	50.0	17.6
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	37.0	59.3	3.7
	<b>Asian</b>	≥ 1,000	15.8	71.6	12.6
	<b>Black or African American</b>	≥ 1,210	20.9	71.1	8.0
	<b>Hispanic or Latino</b>	≥ 7,340	23.0	70.8	6.2
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	14.8	85.2	0.0
	<b>Pacific Islander</b>	≥ 340	17.0	77.5	5.6
	<b>Two or More Races</b>	≥ 470	23.4	70.1	6.5
	<b>White</b>	≥ 670	19.5	71.4	9.1
	<b>Other/Unknown</b>	< 10			

**Table S6.9: Summative Overall Proficiency Categories - Grade 8**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 10,990	21.7	71.3	6.9
<b>Gender</b>	<b>Female</b>	≥ 4,860	20.3	72.0	7.6
	<b>Male</b>	≥ 6,100	22.7	70.9	6.4
	<b>Missing</b>	≥ 20	38.5	57.7	3.8
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	11.4	74.3	14.3
	<b>Asian</b>	≥ 980	16.2	71.1	12.7
	<b>Black or African American</b>	≥ 1,140	14.7	76.8	8.5
	<b>Hispanic or Latino</b>	≥ 7,280	24.1	70.1	5.8
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	8.3	87.5	4.2
	<b>Pacific Islander</b>	≥ 330	19.2	76.9	3.8
	<b>Two or More Races</b>	≥ 460	24.4	70.3	5.4
	<b>White</b>	≥ 710	16.3	73.3	10.4
	<b>Other/Unknown</b>	< 10			

**Table S6.10: Summative Overall Proficiency Categories - Grade 9**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 14,170	36.7	60.5	2.8
<b>Gender</b>	<b>Female</b>	≥ 6,020	33.4	63.2	3.4
	<b>Male</b>	≥ 8,100	39.1	58.5	2.5
	<b>Missing</b>	≥ 40	39.5	58.1	2.3
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 30	33.3	60.6	6.1
	<b>Asian</b>	≥ 1,070	18.5	74.0	7.5
	<b>Black or African American</b>	≥ 1,560	24.5	71.9	3.6
	<b>Hispanic or Latino</b>	≥ 9,700	41.2	56.7	2.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	23.1	76.9	0.0
	<b>Pacific Islander</b>	≥ 360	24.9	73.2	1.9
	<b>Two or More Races</b>	≥ 620	50.3	47.6	2.1
	<b>White</b>	≥ 770	25.5	69.6	4.9
	<b>Other/Unknown</b>	< 10			

**Table S6.11: Summative Overall Proficiency Categories - Grade 10**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 10,910	24.9	68.7	6.4
<b>Gender</b>	<b>Female</b>	≥ 4,720	22.2	70.8	7.0
	<b>Male</b>	≥ 6,170	27.0	67.1	6.0
	<b>Missing</b>	≥ 20	30.0	65.0	5.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	11.5	73.1	15.4
	<b>Asian</b>	≥ 990	11.5	78.3	10.2
	<b>Black or African American</b>	≥ 1,300	18.1	75.3	6.6
	<b>Hispanic or Latino</b>	≥ 7,120	28.8	65.7	5.5
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	27.3	72.7	0.0
	<b>Pacific Islander</b>	≥ 320	18.1	76.9	5.0
	<b>Two or More Races</b>	≥ 400	35.8	59.5	4.8
	<b>White</b>	≥ 710	14.8	74.0	11.2
	<b>Other/Unknown</b>	< 10			

**Table S6.12: Summative Overall Proficiency Categories - Grade 11**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 9,910	21.0	69.6	9.4
<b>Gender</b>	<b>Female</b>	≥ 4,460	19.7	70.4	9.9
	<b>Male</b>	≥ 5,400	22.2	68.8	9.0
	<b>Missing</b>	≥ 40	14.0	79.1	7.0
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 20	5.0	85.0	10.0
	<b>Asian</b>	≥ 990	12.3	75.4	12.3
	<b>Black or African American</b>	≥ 1,330	18.6	73.0	8.4
	<b>Hispanic or Latino</b>	≥ 6,170	23.6	67.5	8.9
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 20	12.0	88.0	0.0
	<b>Pacific Islander</b>	≥ 290	22.1	74.9	3.0
	<b>Two or More Races</b>	≥ 340	28.5	64.1	7.4
	<b>White</b>	≥ 710	12.3	72.0	15.7
	<b>Other/Unknown</b>	≥ 10	0.0	80.0	20.0

**Table S6.13: Summative Overall Proficiency Categories - Grade 12**

Subgroup	Status	N	Emerging	Progressing	Proficient
<b>Total</b>		≥ 7,770	16.4	74.0	9.6
<b>Gender</b>	<b>Female</b>	≥ 3,550	15.3	73.7	11.0
	<b>Male</b>	≥ 4,180	17.3	74.2	8.5
	<b>Missing</b>	≥ 30	15.8	76.3	7.9
<b>Ethnicity</b>	<b>American Indian or Alaskan Native</b>	≥ 10	6.3	93.8	0.0
	<b>Asian</b>	≥ 910	12.0	76.3	11.7
	<b>Black or African American</b>	≥ 1,070	16.4	76.1	7.5
	<b>Hispanic or Latino</b>	≥ 4,700	17.4	73.5	9.1
	<b>Native Hawaiian or Other Pacific Islander</b>	≥ 10	11.8	88.2	0.0
	<b>Pacific Islander</b>	≥ 190	15.8	77.4	6.8
	<b>Two or More Races</b>	≥ 250	24.5	66.1	9.3
	<b>White</b>	≥ 600	12.6	71.9	15.5
	<b>Other/Unknown</b>	< 10			

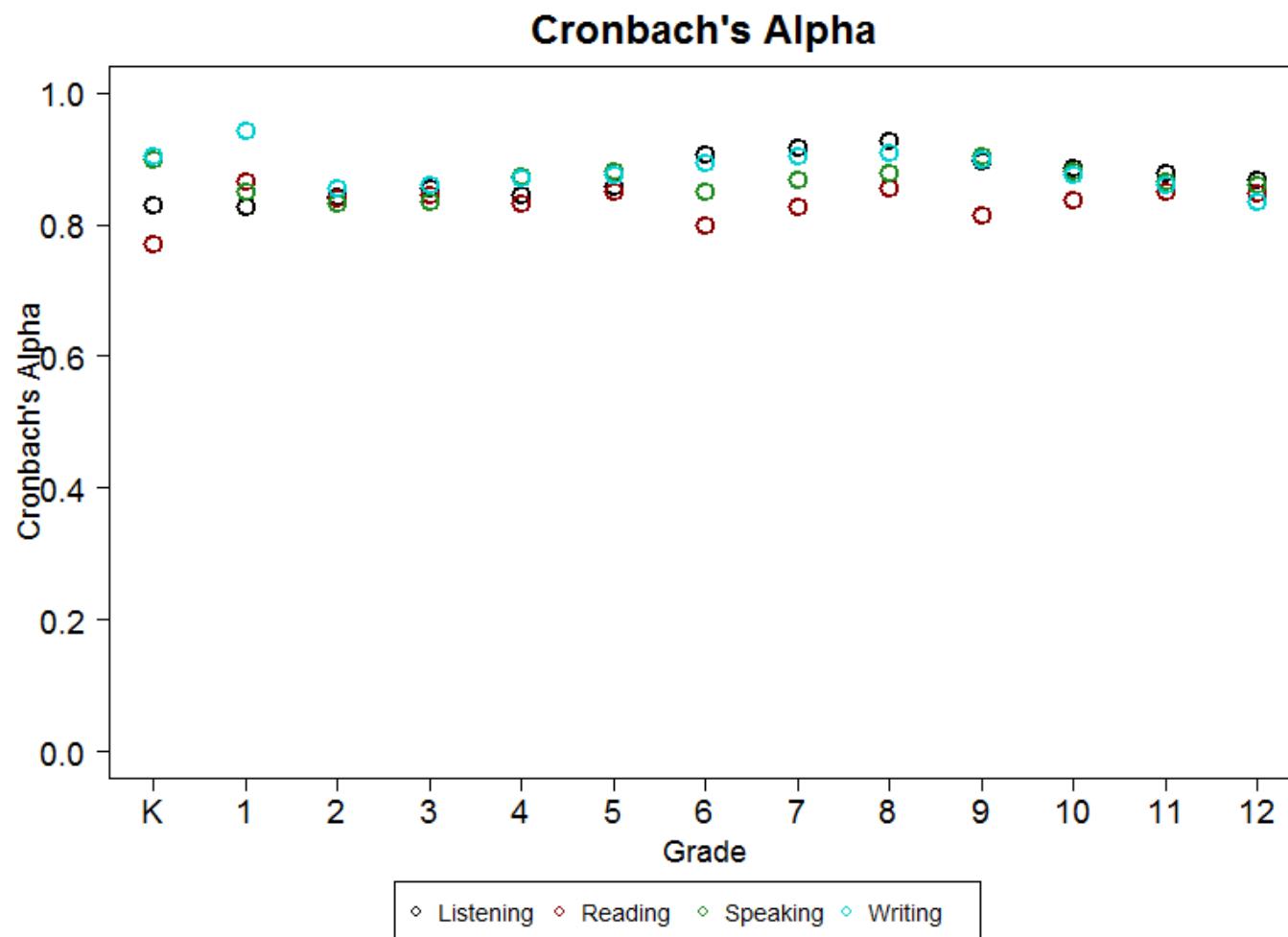
## **Section 7: Summative Assessment - Testing Time**

**Table S7.1: Summative Testing Time**

Grade/Grade Band	N	N of Items	Testing Time (Minutes)							Mean	SD
			P10	P25	P50	P75	P90				
K	≥ 27,090	80	39.2	45.3	54.3	66.3	80.2			57.7	18.1
1	≥ 25,200	83	40.3	46.3	54.6	65.5	78.5			57.6	16.5
2-3	≥ 40,880	76	48.6	57.4	69.6	85.9	105.6			74.4	25.4
4-5	≥ 27,800	73	54.4	64.9	79.1	98.4	123.0			84.9	30.3
6-8	≥ 33,050	74	62.0	77.8	100.6	133.7	176.9			112.6	53.8
9-12	≥ 41,720	73	61.7	81.5	110.5	149.6	197.8			122.7	60.7

## **Section 8: Summative Assessment - Cronbach Alpha**

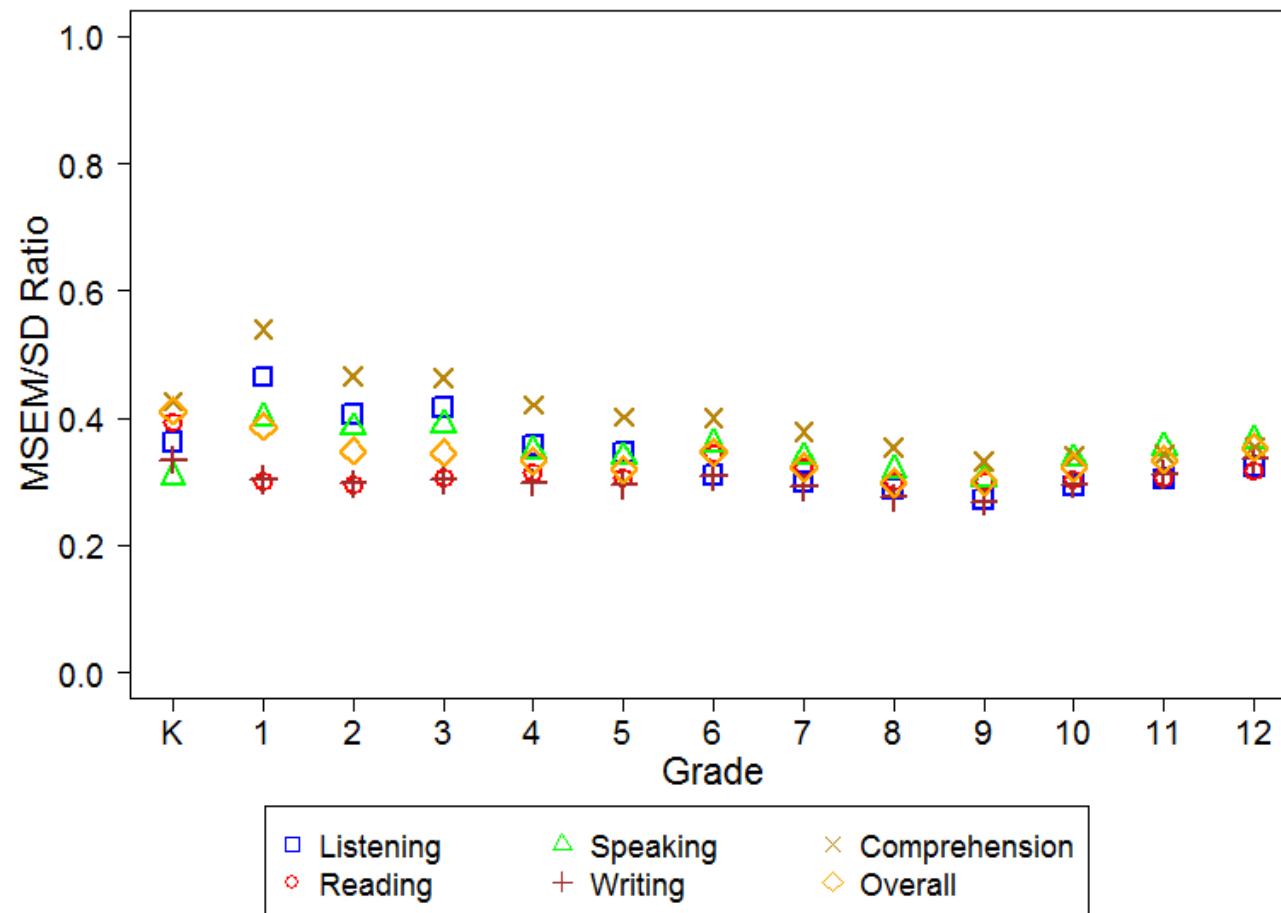
Figure S8.1: Summative Cronbach Alpha by Test by Domain



## **Section 9: Summative Assessment - Marginal Reliability**

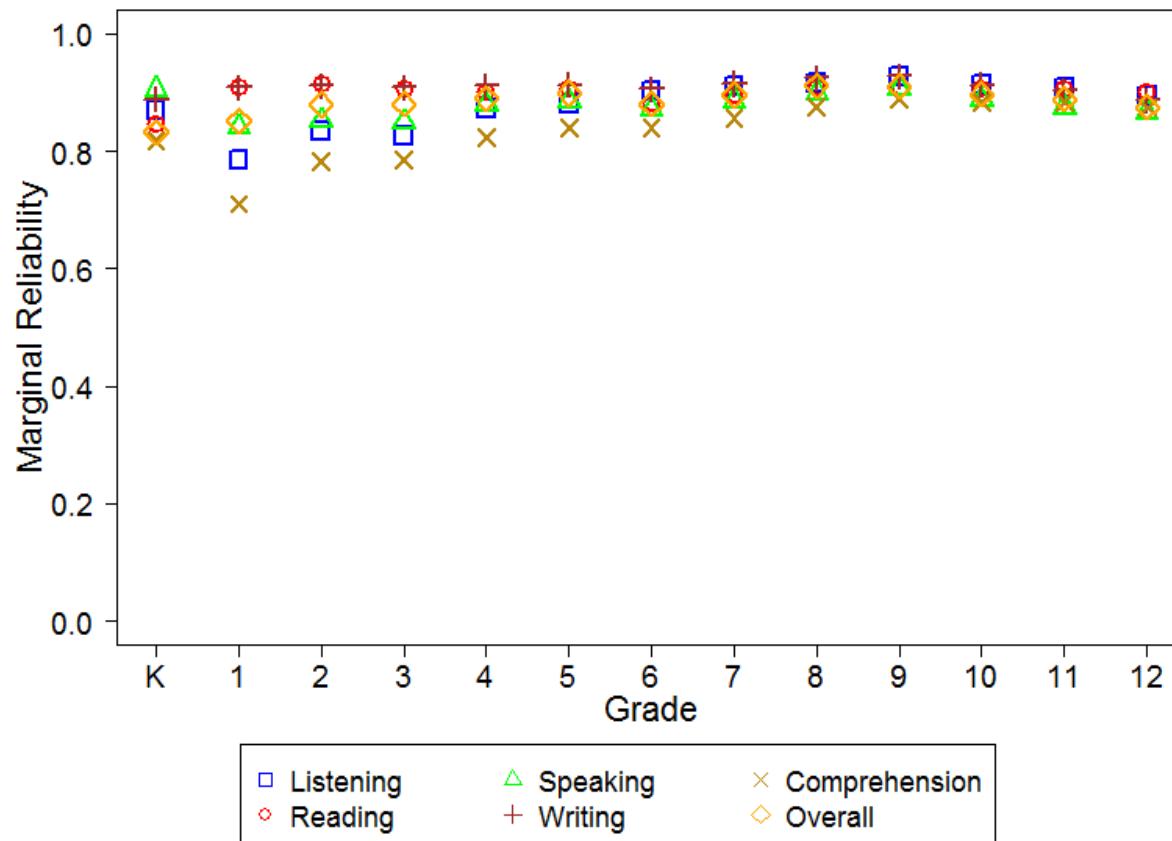
\* Domain tests with Exemption or Not Attempted are excluded.

**Figure S9.1: Summative Ratio of Marginal Standard Error of Measurement to Standard Deviation of Estimated Scale Scores by Grade and Domain**



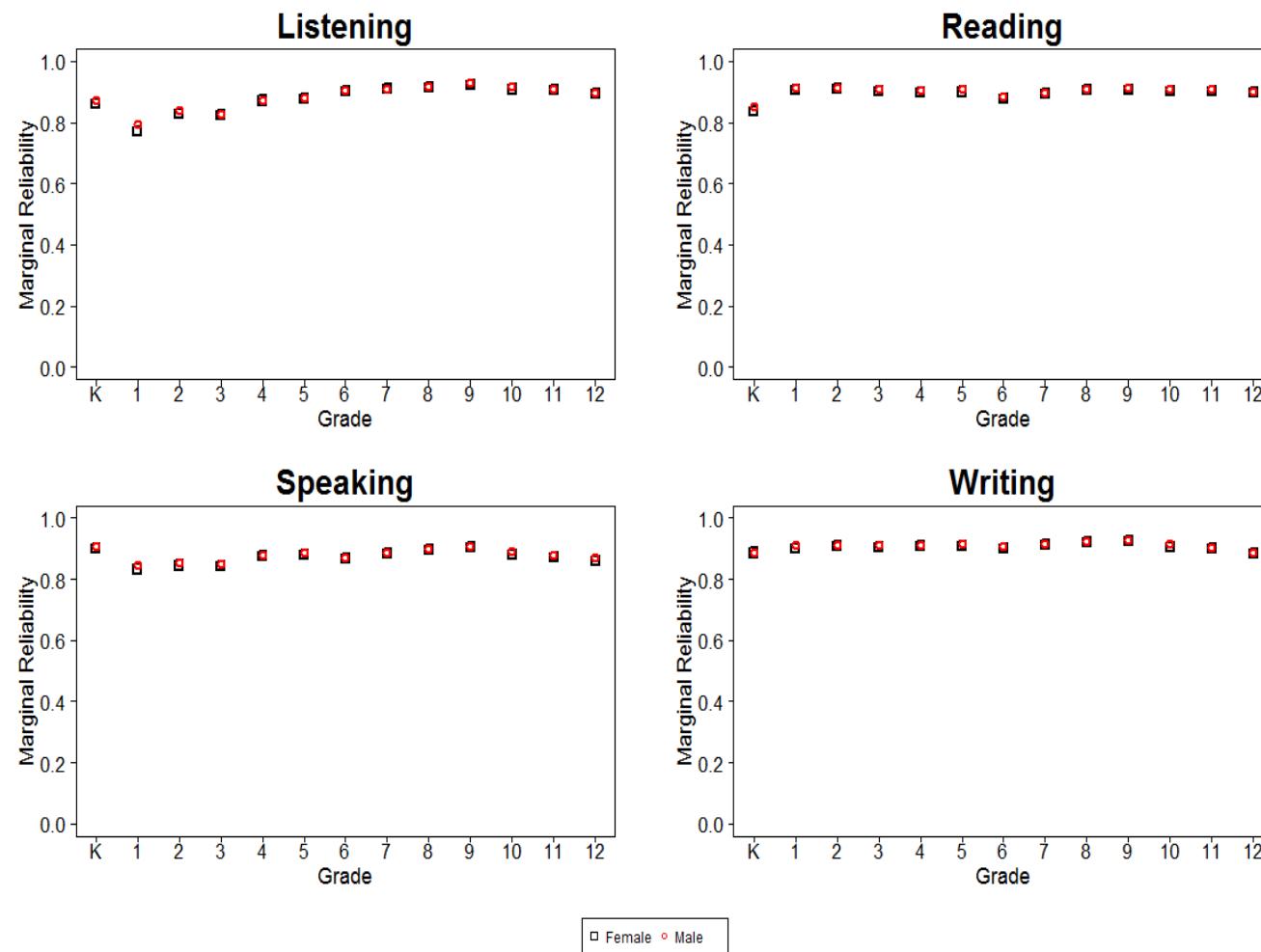
\* Domain tests with Exemption or Not Attempted are excluded.

Figure S9.2: Summative Marginal Reliability by Test



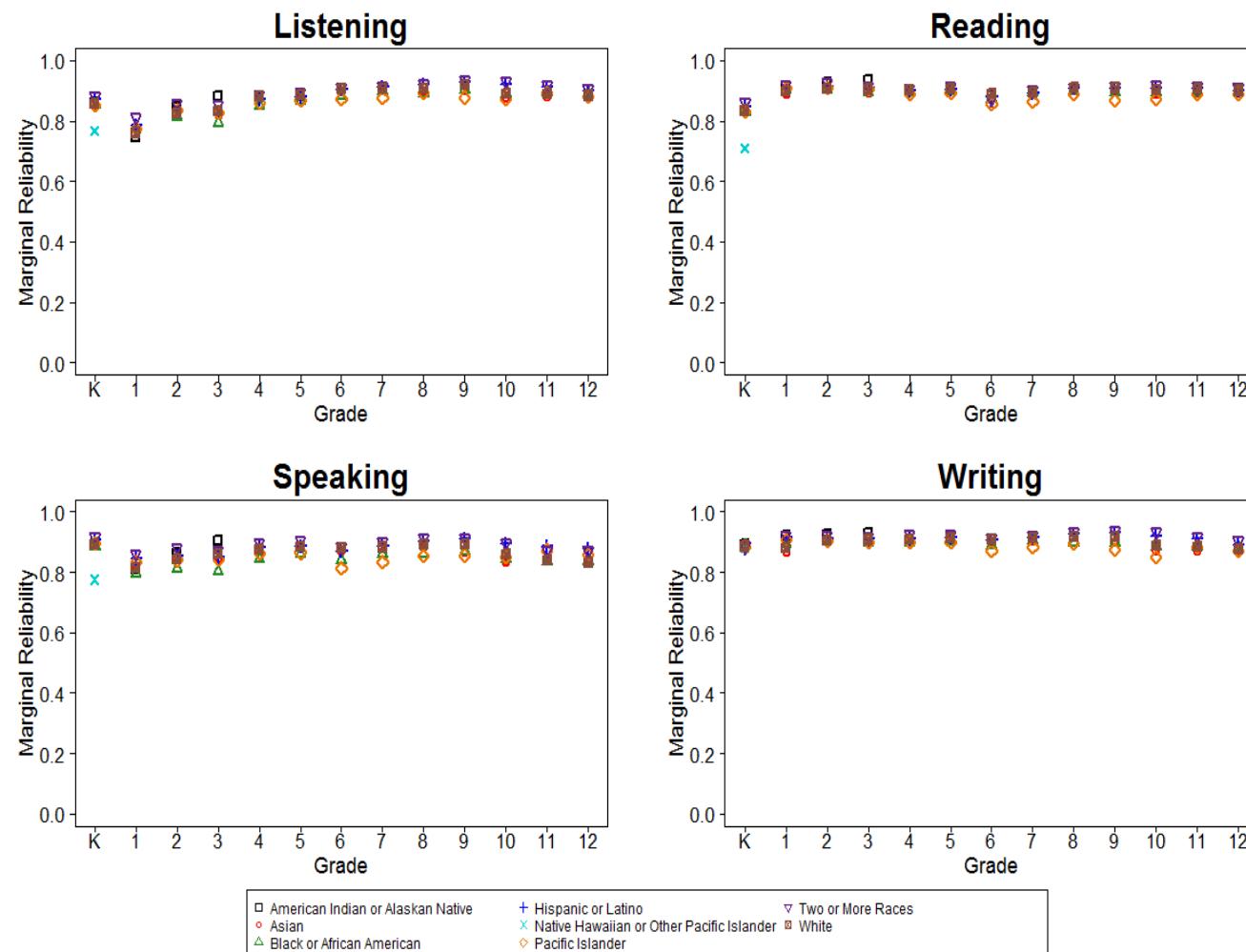
\* Domain tests with Exemption or Not Attempted are excluded.

**Figure S9.3: Summative Marginal Reliability by Gender**



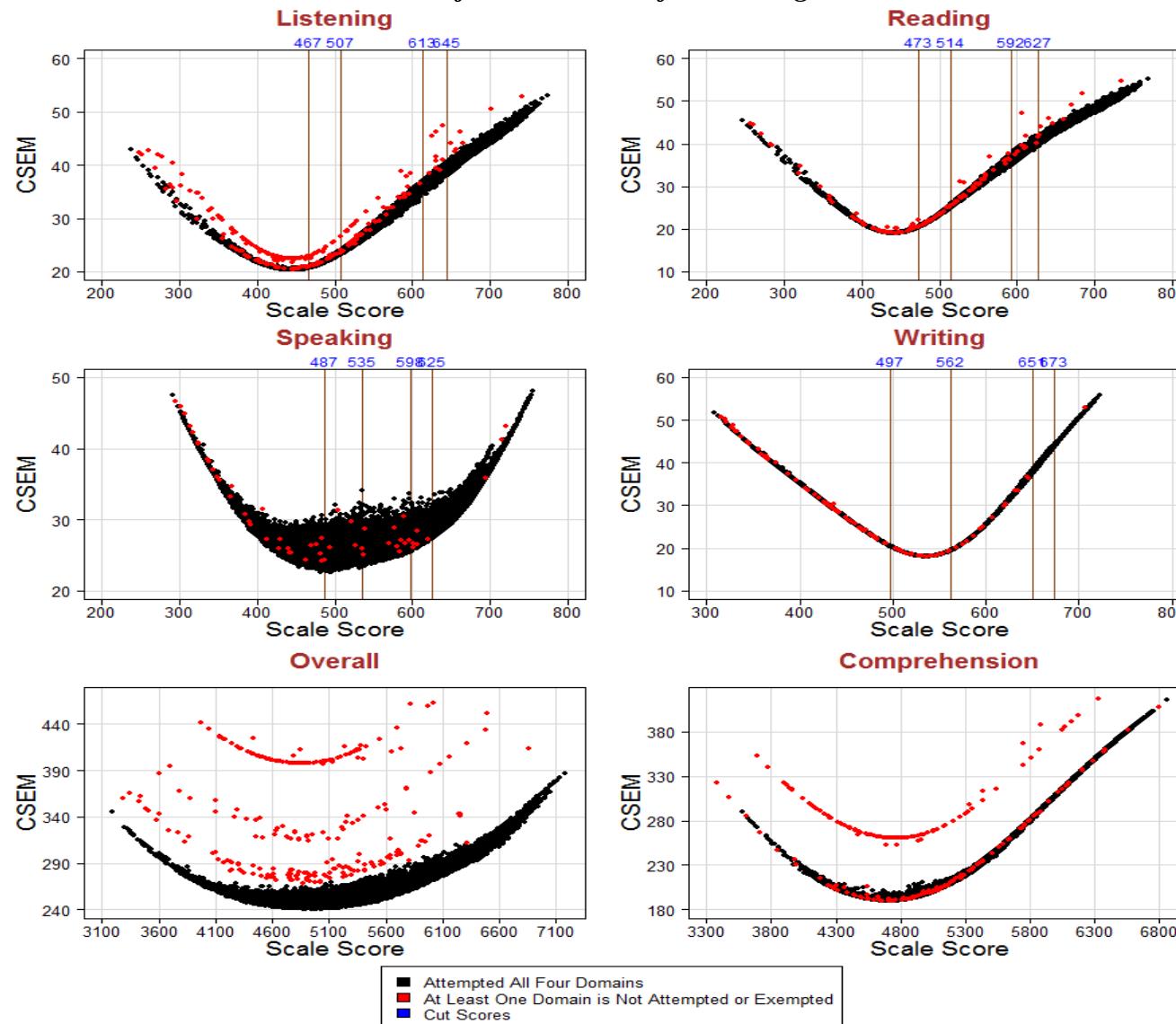
\* Domain tests with Exemption or Not Attempted are excluded.

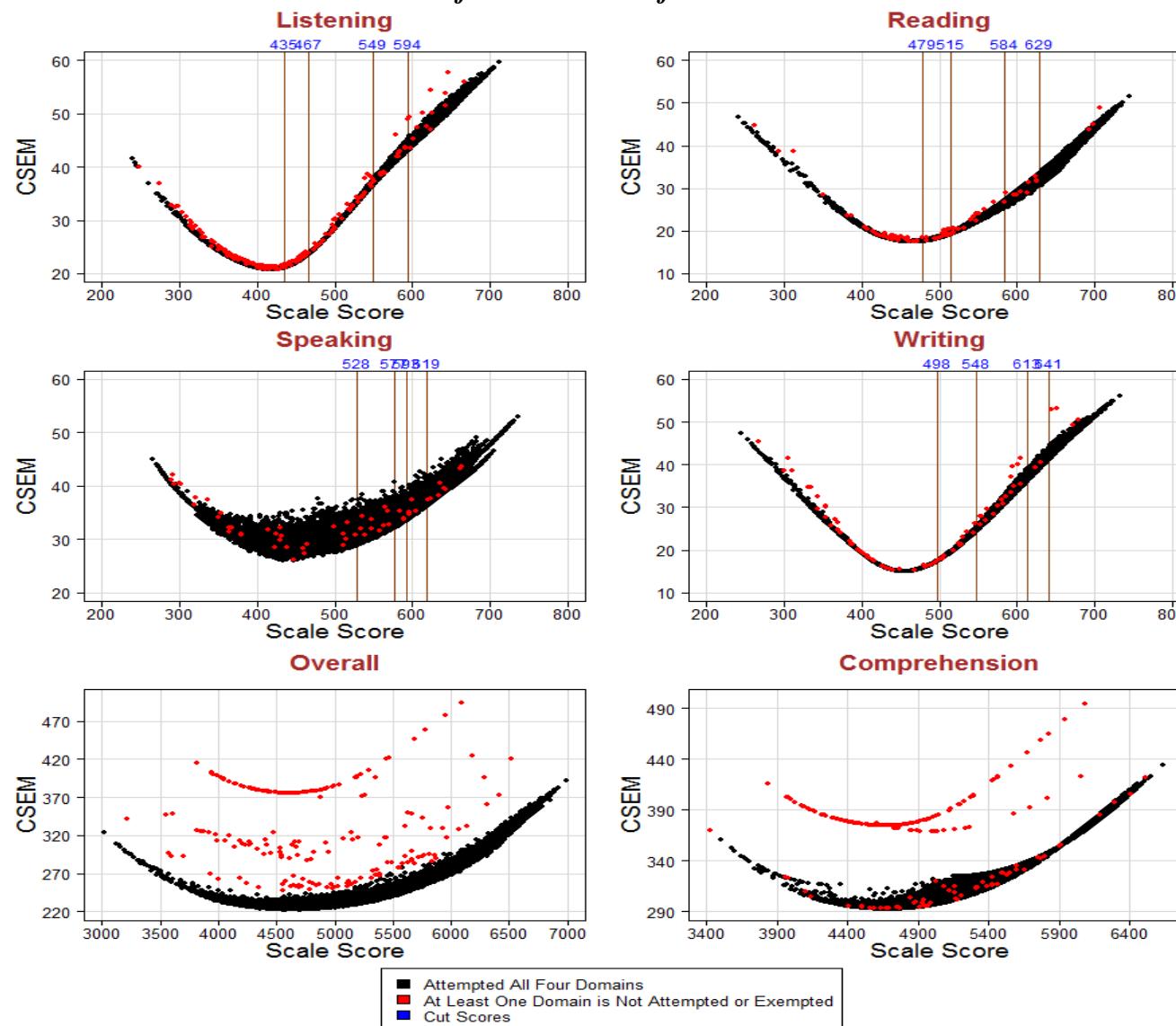
**Figure S9.4: Summative Marginal Reliability by Ethnicity**

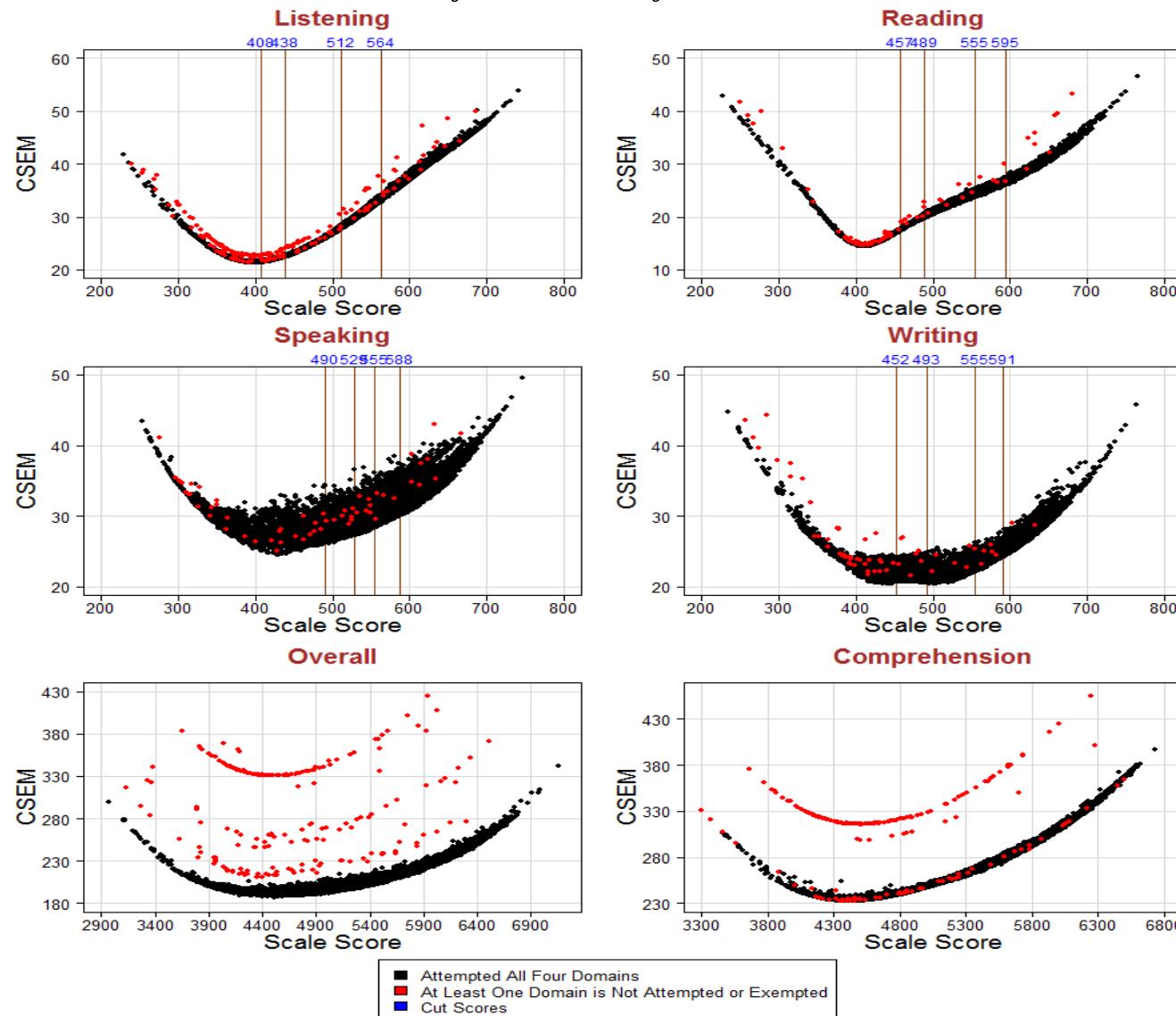


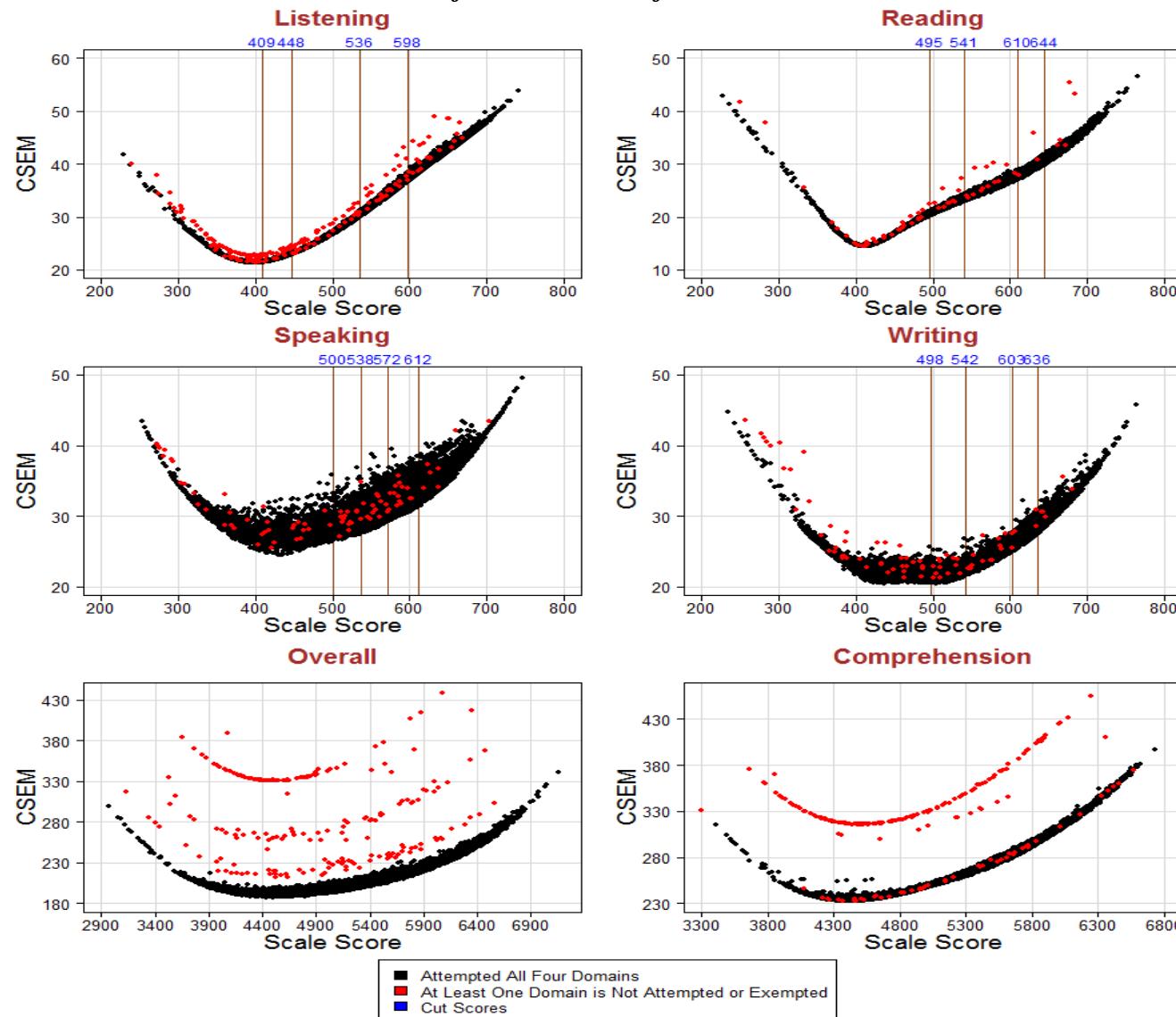
\* Domain tests with Exemption or Not Attempted are excluded.

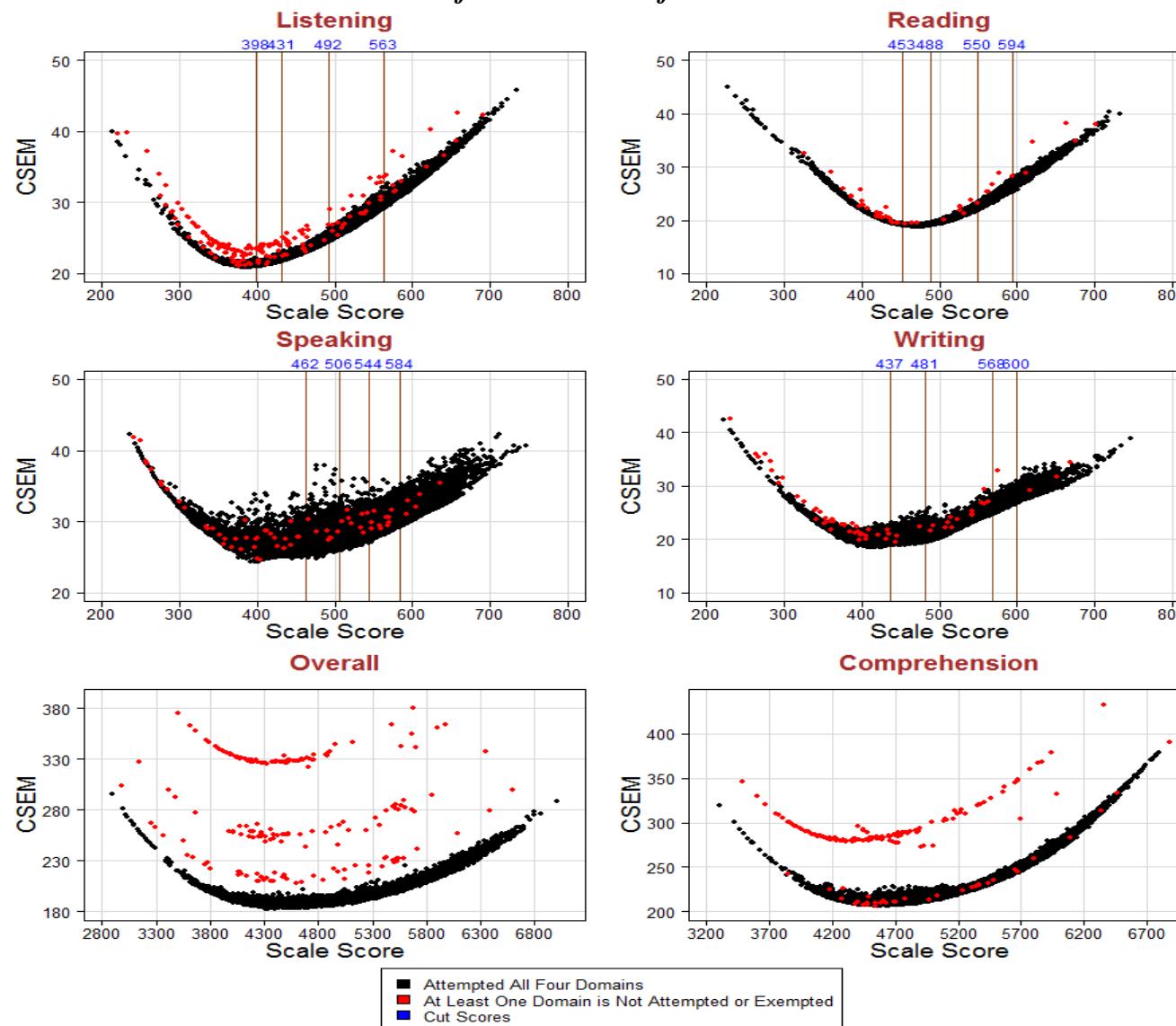
## **Section 10: Summative Assessment - Conditional Standard Error of Measurement (CSEM)**

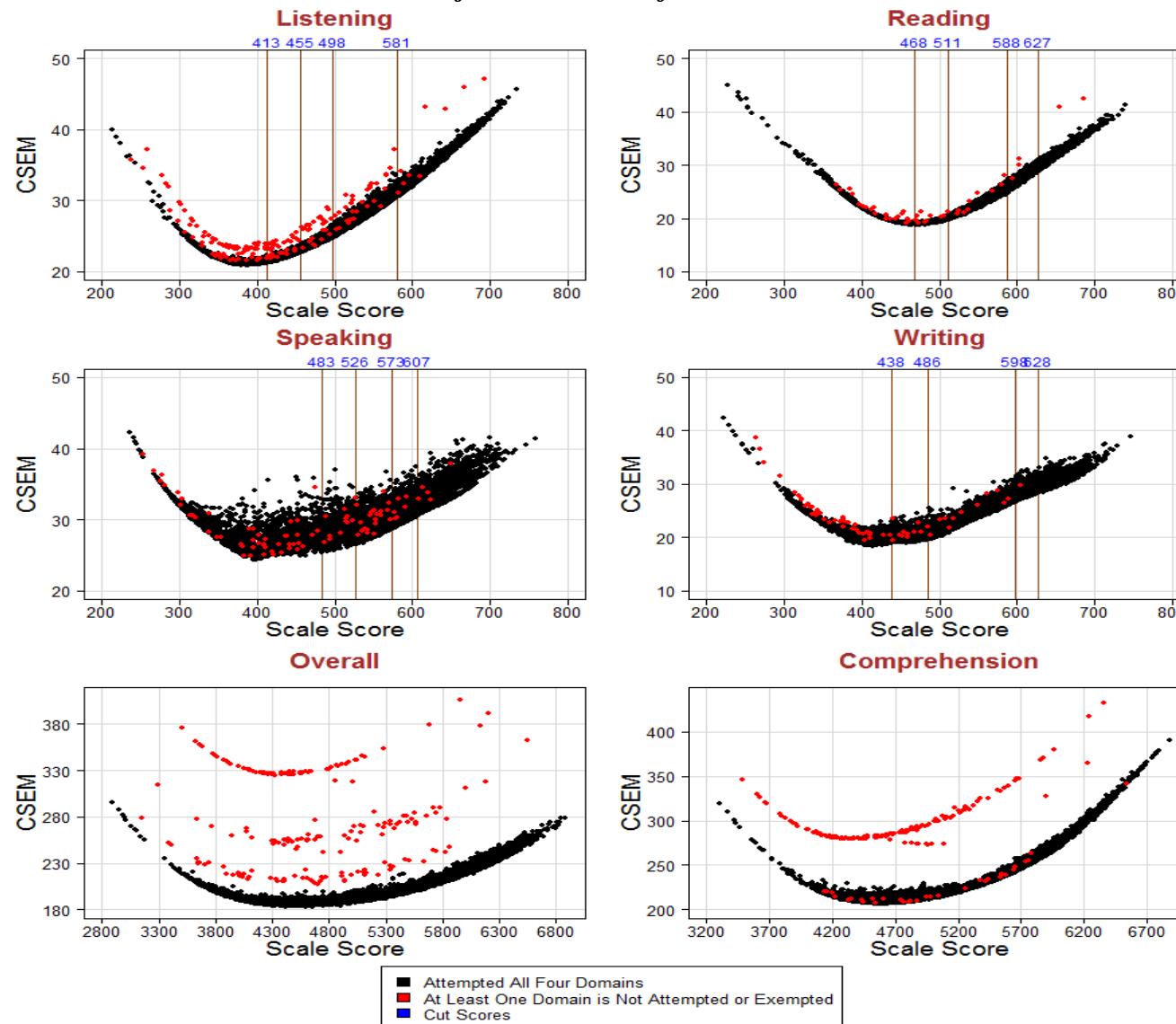
**Figure S10.1: Summative Conditional Standard Error of Measurement for Kindergarten**

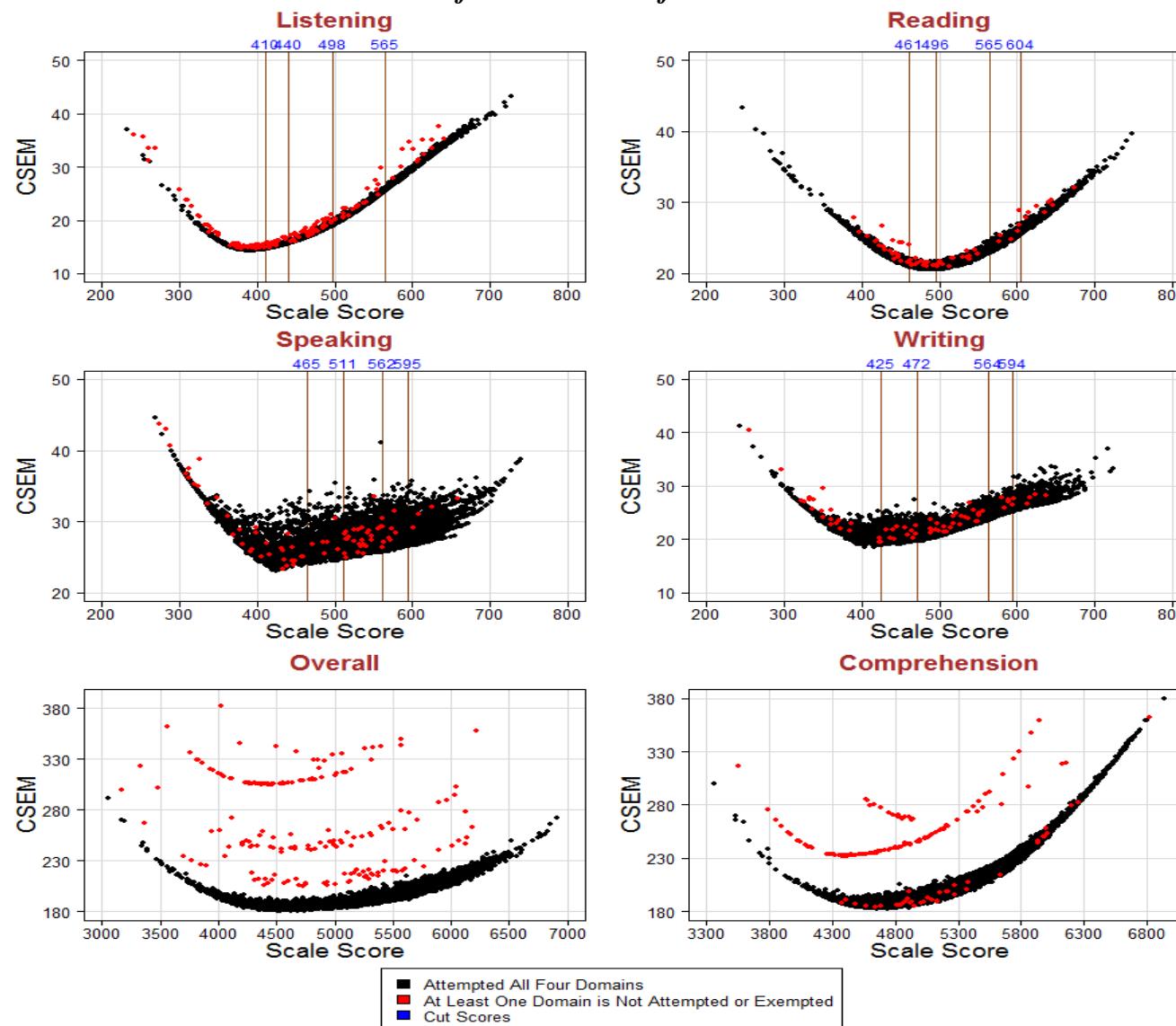
**Figure S10.2: Summative Conditional Standard Error of Measurement for Grade 1**

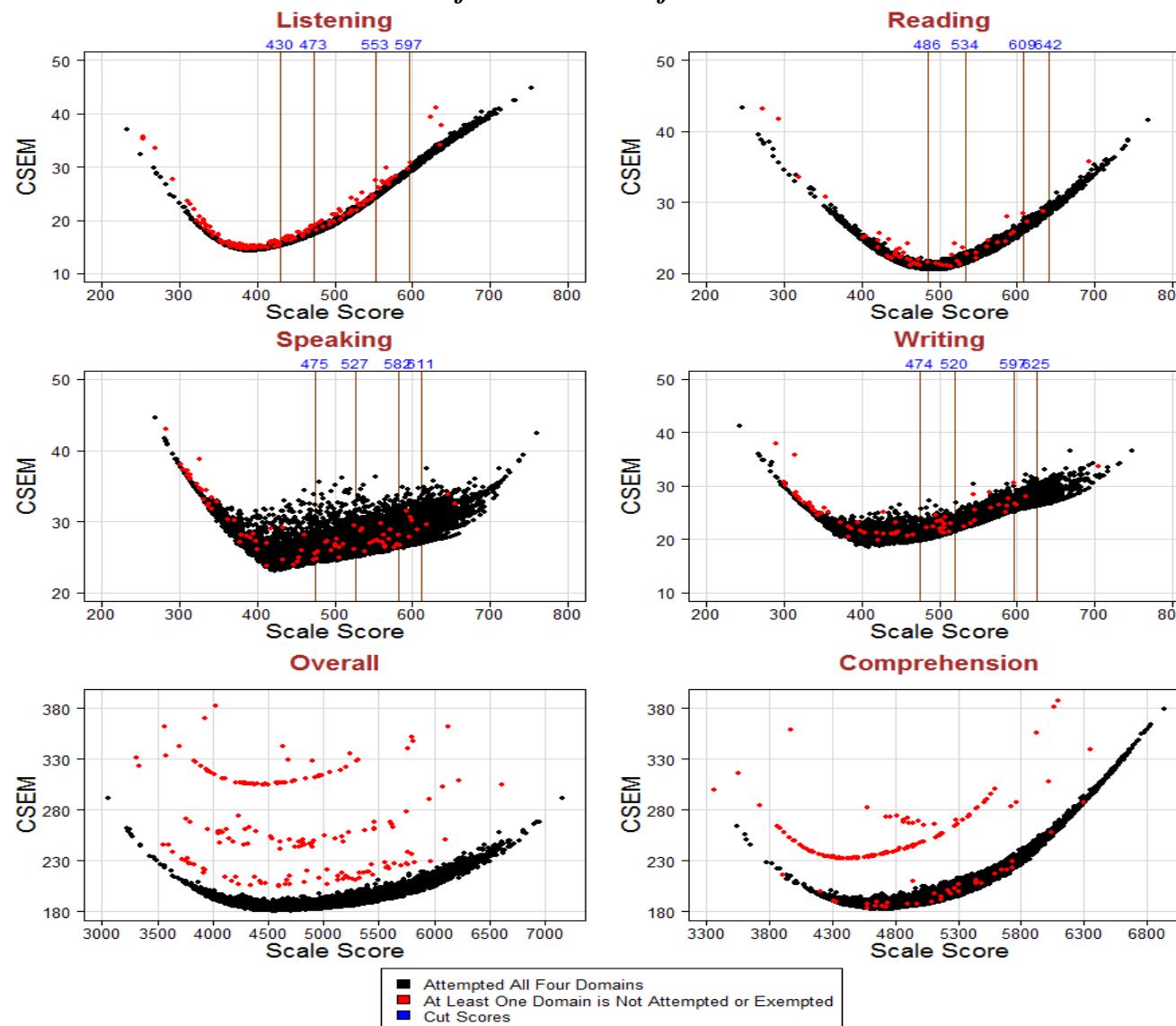
**Figure S10.3: Summative Conditional Standard Error of Measurement for Grade 2**

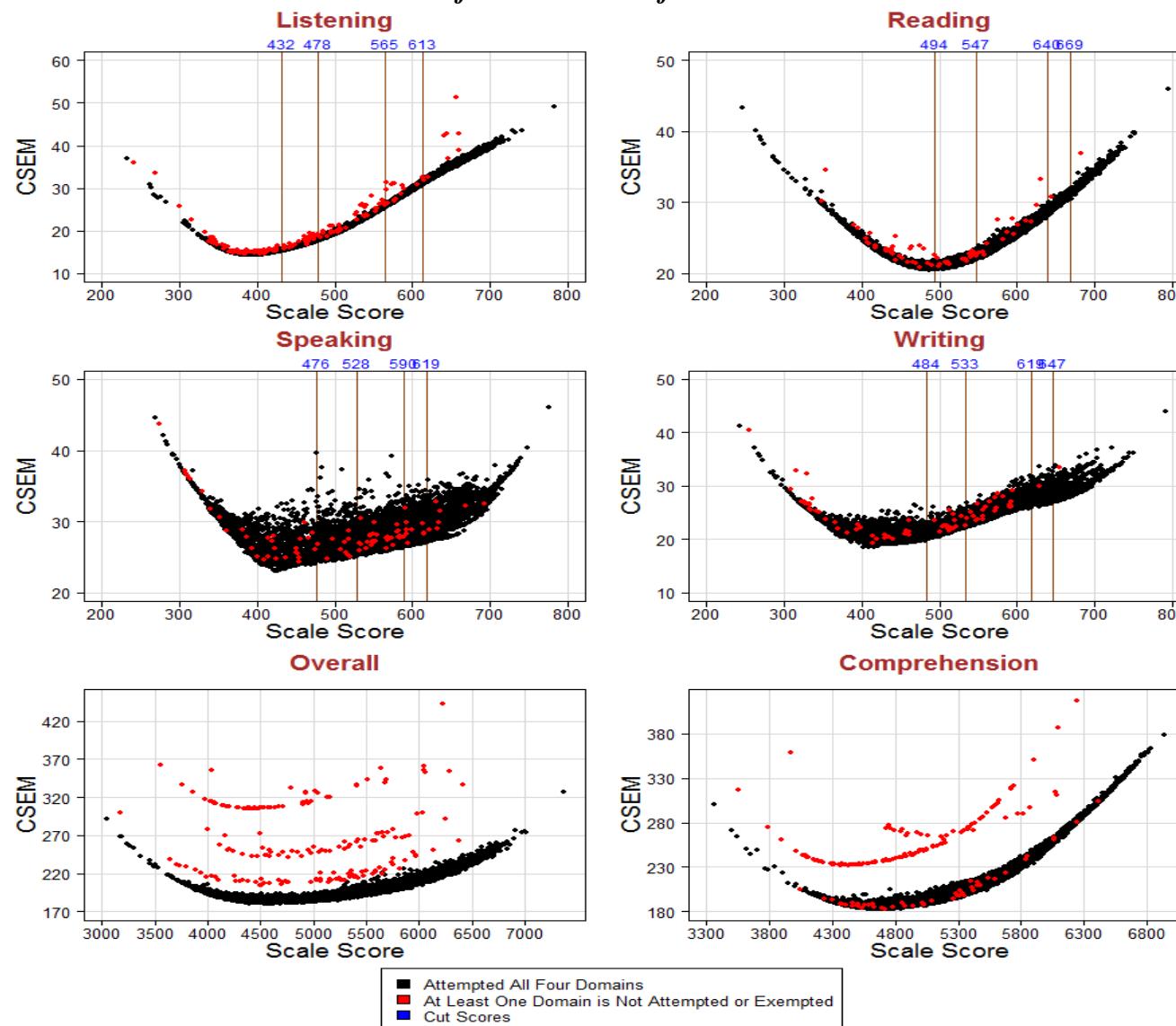
**Figure S10.4: Summative Conditional Standard Error of Measurement for Grade 3**

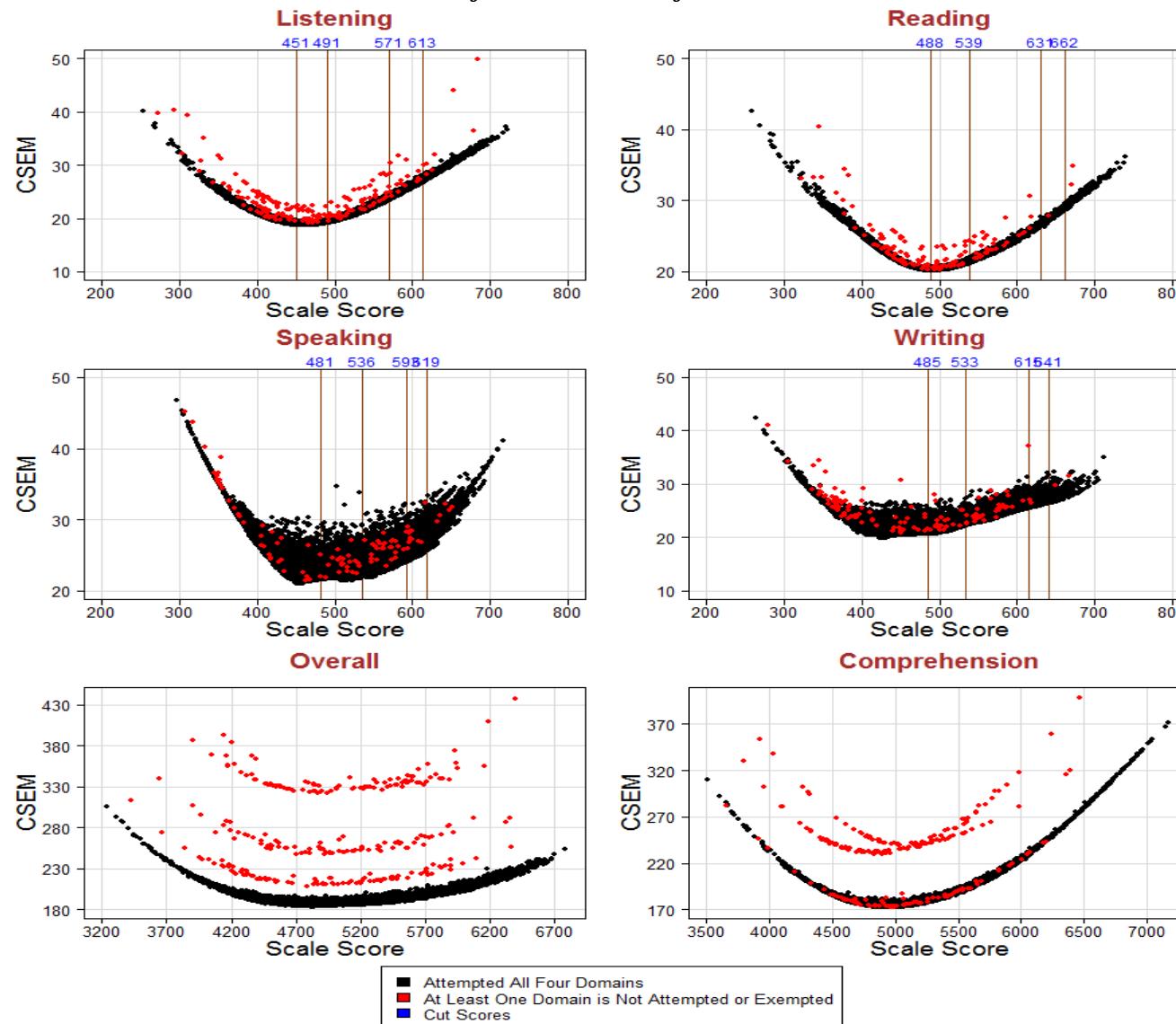
**Figure S10.5: Summative Conditional Standard Error of Measurement for Grade 4**

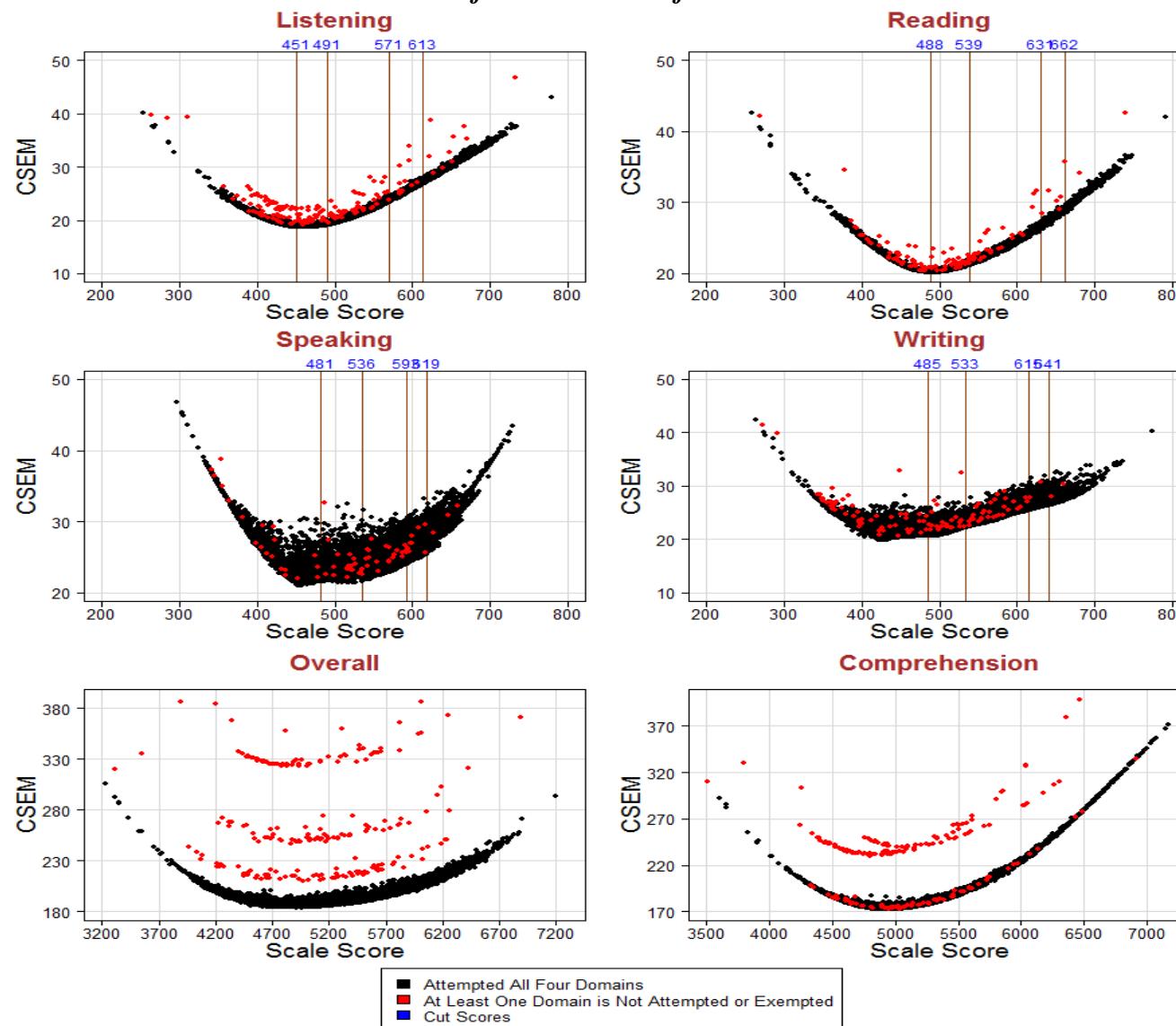
**Figure S10.6: Summative Conditional Standard Error of Measurement for Grade 5**

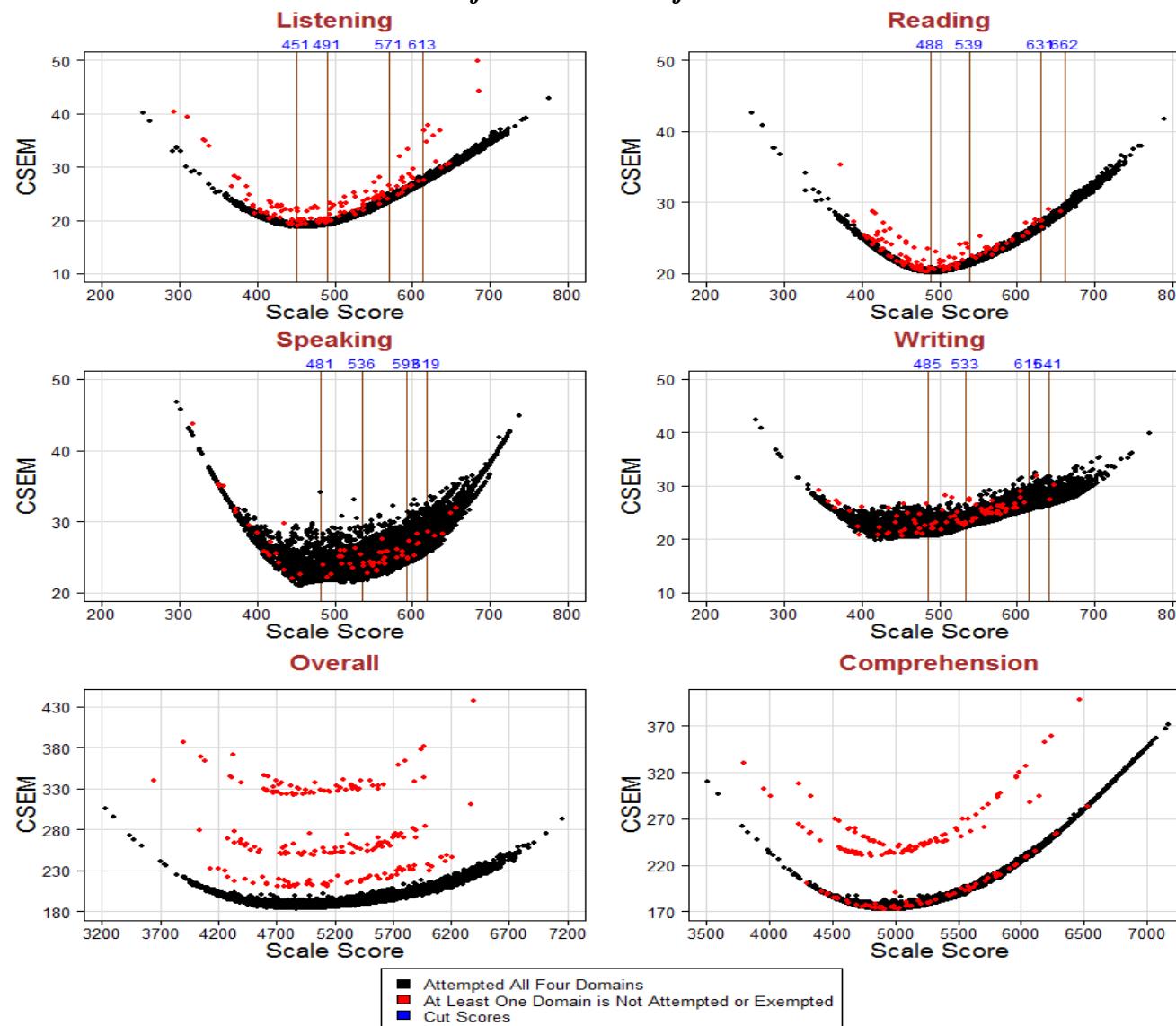
**Figure S10.7: Summative Conditional Standard Error of Measurement for Grade 6**

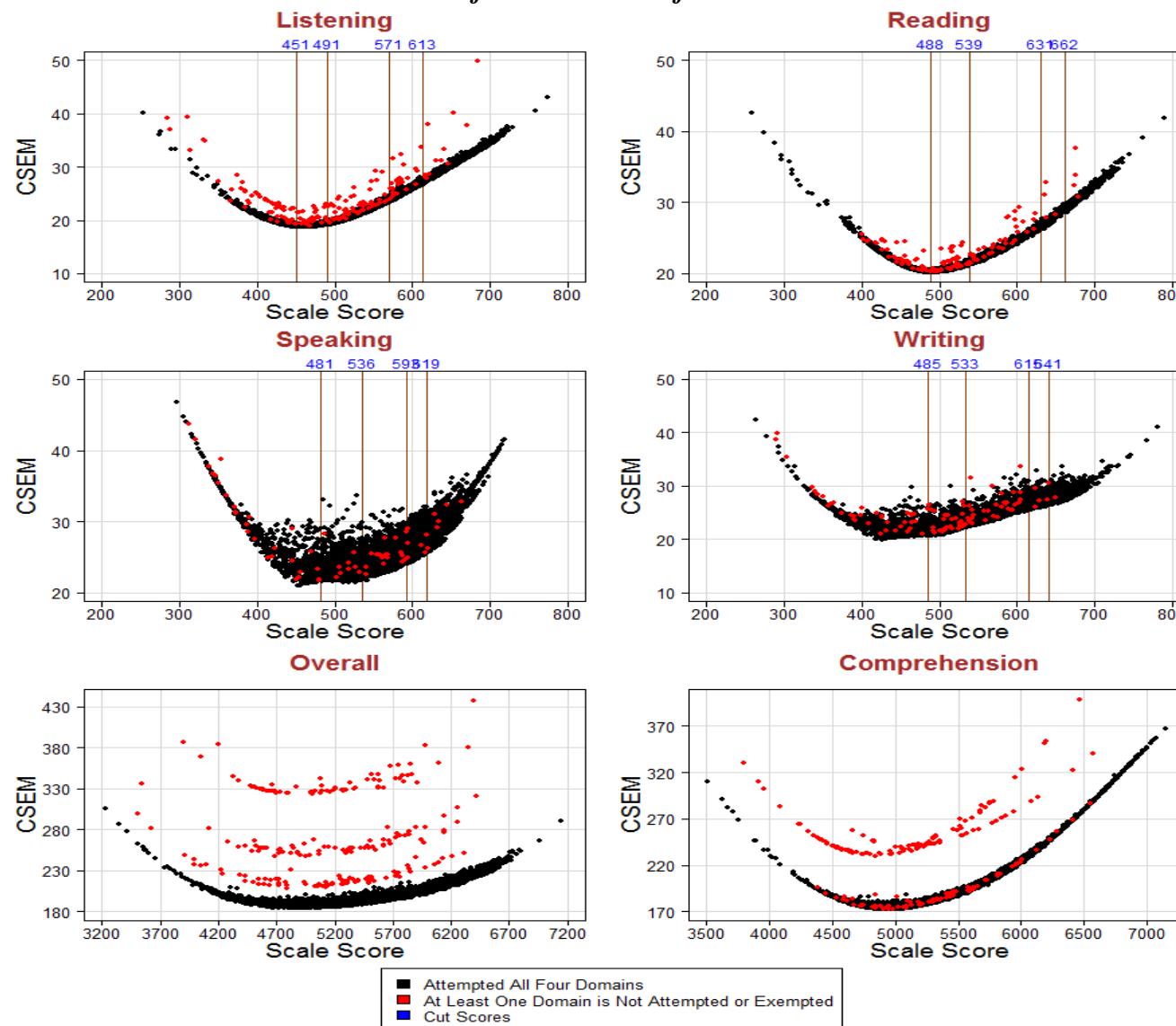
**Figure S10.8: Summative Conditional Standard Error of Measurement for Grade 7**

**Figure S10.9: Summative Conditional Standard Error of Measurement for Grade 8**

**Figure S10.10: Summative Conditional Standard Error of Measurement for Grade 9**

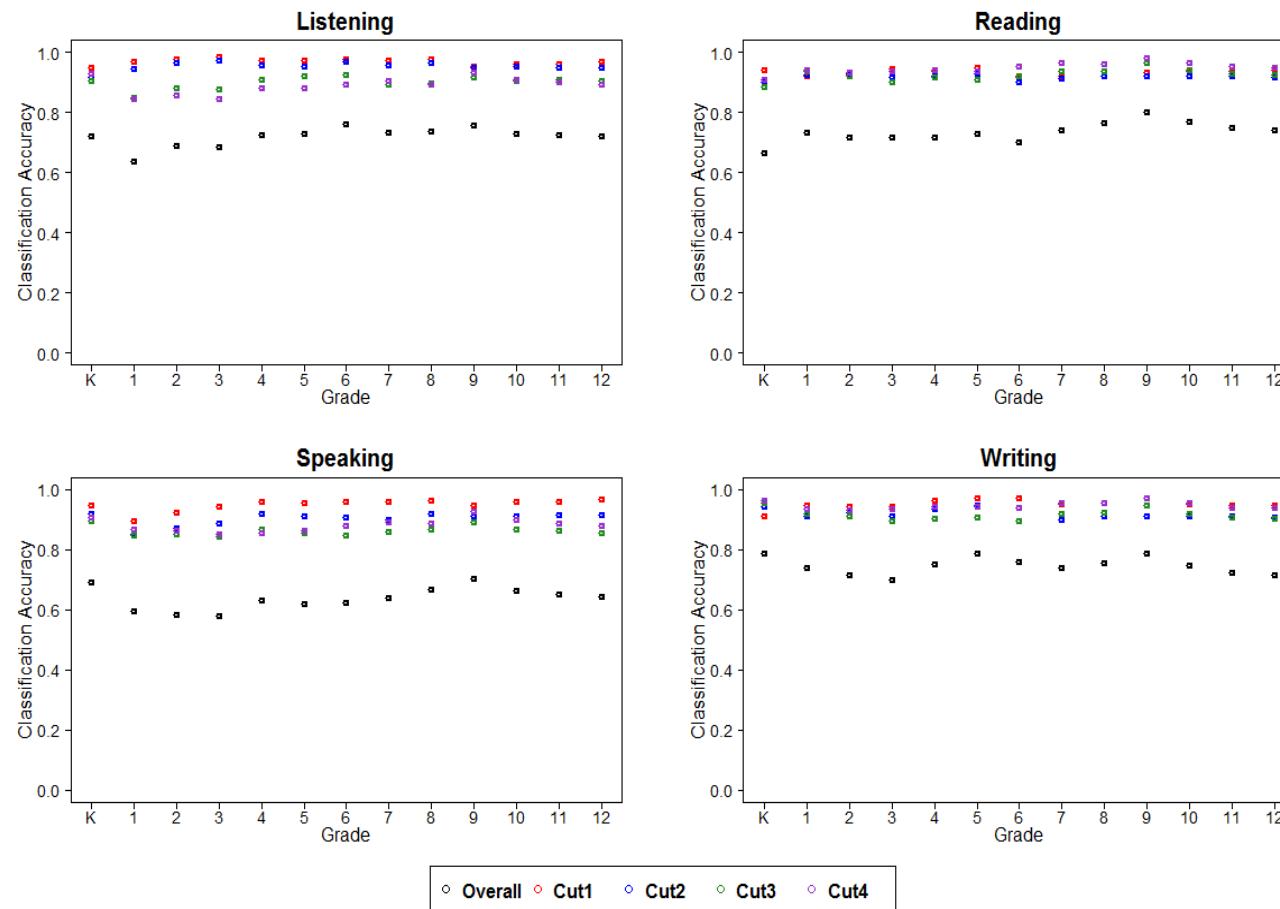
**Figure S10.11: Summative Conditional Standard Error of Measurement for Grade 10**

**Figure S10.12: Summative Conditional Standard Error of Measurement for Grade 11**

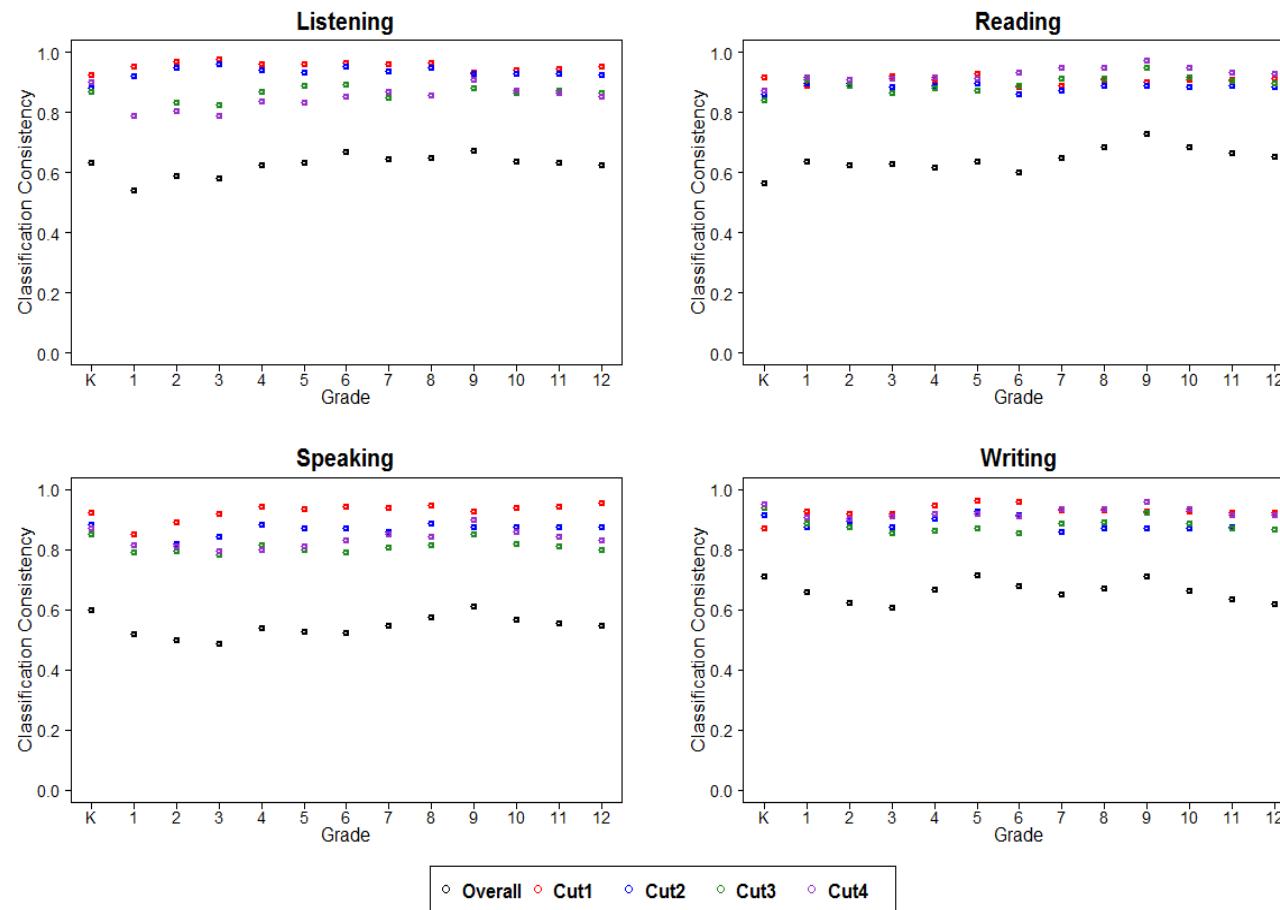
**Figure S10.13: Summative Conditional Standard Error of Measurement for Grade 12**

## **Section 11: Summative Assessment - Classification Accuracy and Consistency**

\* Domain tests with Exemption or Not Attempted are excluded.

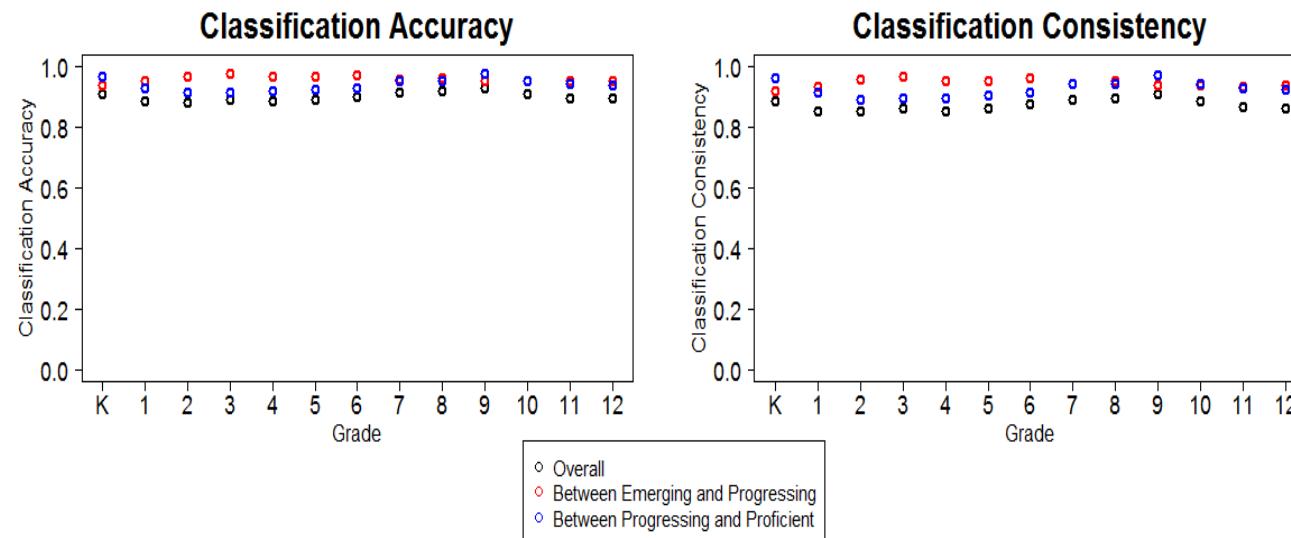
**Figure S11.1: Summative Domain Level Classification Accuracy**

\* 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 S11.2: 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 S11.3: Summative Overall Proficiency Classification**



## **Section 12: Summative Assessment - Inter-Rater Analysis**

**Table S12.1: 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	≥ 27,030	≥ 5,250	19.4	.812	4,768	5,139	114	90.8	97.8	2.2
	4194	2	≥ 26,920	≥ 5,230	19.4	.814	4,602	5,165	72	87.9	98.6	1.4
	4196	2	≥ 26,880	≥ 5,220	19.4	.820	4,723	5,119	109	90.3	97.9	2.1
	4198	2	≥ 26,690	≥ 5,140	19.3	.747	3,753	5,087	56	73.0	98.9	1.1
	4200	2	≥ 26,780	≥ 5,210	19.4	.750	4,473	5,035	175	85.9	96.6	3.4
	4202	2	≥ 26,500	≥ 5,050	19.1	.752	3,805	4,894	164	75.2	96.8	3.2
	6585	3	≥ 26,550	≥ 5,190	19.6	.796	3,429	5,131	68	66.0	98.7	1.3
	6590	3	≥ 26,640	≥ 5,230	19.6	.827	3,514	5,140	94	67.1	98.2	1.8
	6591	3	≥ 26,850	≥ 5,290	19.7	.838	3,574	5,225	68	67.5	98.7	1.3
	6592	3	≥ 26,770	≥ 5,270	19.7	.839	3,644	5,208	70	69.0	98.7	1.3
	6597	3	≥ 26,730	≥ 5,170	19.4	.807	3,871	5,139	39	74.8	99.2	0.8

\* FR: First rater; SR: Second rater.

**Table S12.2: 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	≥ 25,200	≥ 4,950	19.7	.831	4,494	4,901	53	90.7	98.9	1.1
	600	2	≥ 25,150	≥ 4,950	19.7	.682	4,096	4,930	22	82.7	99.6	0.4
	602	2	≥ 25,140	≥ 4,950	19.7	.834	4,627	4,928	26	93.4	99.5	0.5
	604	2	≥ 25,080	≥ 4,930	19.7	.848	4,474	4,892	43	90.7	99.1	0.9
	606	2	≥ 25,050	≥ 4,910	19.6	.666	3,853	4,824	95	78.3	98.1	1.9
	700	3	≥ 25,100	≥ 4,940	19.7	.878	4,082	4,898	45	82.6	99.1	0.9
	6567	3	≥ 25,120	≥ 4,960	19.8	.734	3,319	4,862	107	66.8	97.8	2.2
	6581	4	≥ 25,070	≥ 4,950	19.7	.781	3,178	4,791	160	64.2	96.8	3.2
	660	5	≥ 24,970	≥ 4,880	19.5	.855	2,855	4,694	186	58.5	96.2	3.8

\* FR: First rater; SR: Second rater.

**Table S12.3: 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	≥ 40,910	≥ 8,080	19.8	.702	6,870	8,012	76	84.9	99.1	0.9
	1350	2	≥ 40,800	≥ 8,070	19.8	.765	6,783	8,009	63	84.0	99.2	0.8
	1352	2	≥ 40,830	≥ 8,090	19.8	.708	6,701	8,056	34	82.8	99.6	0.4
	1354	2	≥ 40,840	≥ 8,090	19.8	.649	6,749	8,046	50	83.4	99.4	0.6
	1356	2	≥ 40,770	≥ 8,060	19.8	.726	7,316	7,951	117	90.7	98.5	1.5
	1394	3	≥ 40,760	≥ 8,060	19.8	.794	5,507	7,962	100	68.3	98.8	1.2
	6554	3	≥ 40,780	≥ 8,090	19.8	.833	6,228	7,980	115	76.9	98.6	1.4
	1448	4	≥ 40,780	≥ 8,060	19.8	.847	5,749	7,618	447	71.3	94.5	5.5
Writing	1440	5	≥ 40,720	≥ 8,020	19.7	.823	4,774	7,741	288	59.5	96.4	3.6
	1496	3	≥ 40,560	≥ 6,990	17.2	.863	5,351	6,896	97	76.5	98.6	1.4
	1512	3	≥ 40,590	≥ 6,690	16.5	.879	5,404	6,586	106	80.8	98.4	1.6
	1464	4	≥ 40,290	≥ 7,880	19.6	.876	5,847	7,679	210	74.1	97.3	2.7
	1586	4	≥ 40,370	≥ 7,900	19.6	.862	5,499	7,850	50	69.6	99.4	0.6

\* FR: First rater; SR: Second rater.

**Table S12.4: 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	≥ 27,780	≥ 5,480	19.7	.797	4,088	5,422	63	74.5	98.9	1.1
	2184	3	≥ 27,760	≥ 5,480	19.8	.925	5,020	5,461	28	91.5	99.5	0.5
	2186	3	≥ 27,710	≥ 5,470	19.8	.811	4,012	5,355	119	73.3	97.8	2.2
	2188	3	≥ 27,720	≥ 5,470	19.7	.752	3,841	5,410	63	70.2	98.8	1.2
	6563	3	≥ 27,930	≥ 5,550	19.9	.700	3,545	5,488	64	63.9	98.8	1.2
	2098	5	≥ 27,700	≥ 5,460	19.7	.851	3,759	5,161	305	68.8	94.4	5.6
	2100	5	≥ 27,730	≥ 5,480	19.8	.786	3,249	5,268	213	59.3	96.1	3.9
	2206	5	≥ 27,700	≥ 5,450	19.7	.808	3,084	5,248	203	56.6	96.3	3.7
Writing	2350	3	≥ 27,620	≥ 5,230	18.9	.859	4,017	5,153	77	76.8	98.5	1.5
	2352	3	≥ 27,580	≥ 5,170	18.8	.865	3,931	5,109	69	75.9	98.7	1.3
	2354	3	≥ 27,580	≥ 5,250	19.0	.868	3,988	5,193	60	75.9	98.9	1.1
	2344	4	≥ 27,610	≥ 5,470	19.8	.789	3,221	5,286	191	58.8	96.5	3.5
	2306	5	≥ 27,570	≥ 5,410	19.6	.840	3,430	5,259	152	63.4	97.2	2.8

\* FR: First rater; SR: Second rater.

**Table S12.5: 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	≥ 33,070	≥ 6,440	19.5	.779	4,769	6,388	53	74.0	99.2	0.8
	2676	3	≥ 32,930	≥ 6,440	19.6	.803	5,155	6,241	204	80.0	96.8	3.2
	2678	3	≥ 32,830	≥ 6,410	19.5	.783	4,990	6,327	84	77.8	98.7	1.3
	2680	3	≥ 32,860	≥ 6,440	19.6	.798	5,134	6,299	141	79.7	97.8	2.2
	2654	5	≥ 32,760	≥ 6,340	19.4	.870	4,145	6,146	195	65.4	96.9	3.1
	2656	5	≥ 32,750	≥ 6,370	19.5	.861	4,617	6,236	136	72.5	97.9	2.1
	2706	5	≥ 32,870	≥ 6,400	19.5	.871	4,104	6,209	200	64.0	96.9	3.1
Writing	2778	3	≥ 32,840	≥ 6,450	19.6	.755	4,078	6,374	78	63.2	98.8	1.2
	2806	3	≥ 32,920	≥ 6,110	18.6	.881	4,910	6,090	21	80.3	99.7	0.3
	2808	3	≥ 32,870	≥ 6,080	18.5	.865	4,819	6,040	43	79.2	99.3	0.7
	2810	3	≥ 32,880	≥ 6,160	18.8	.861	4,886	6,117	50	79.2	99.2	0.8
	2752	5	≥ 32,810	≥ 6,430	19.6	.826	3,944	6,276	155	61.3	97.6	2.4
	2796	5	≥ 32,890	≥ 6,430	19.6	.846	4,448	6,346	91	69.1	98.6	1.4

\* FR: First rater; SR: Second rater.

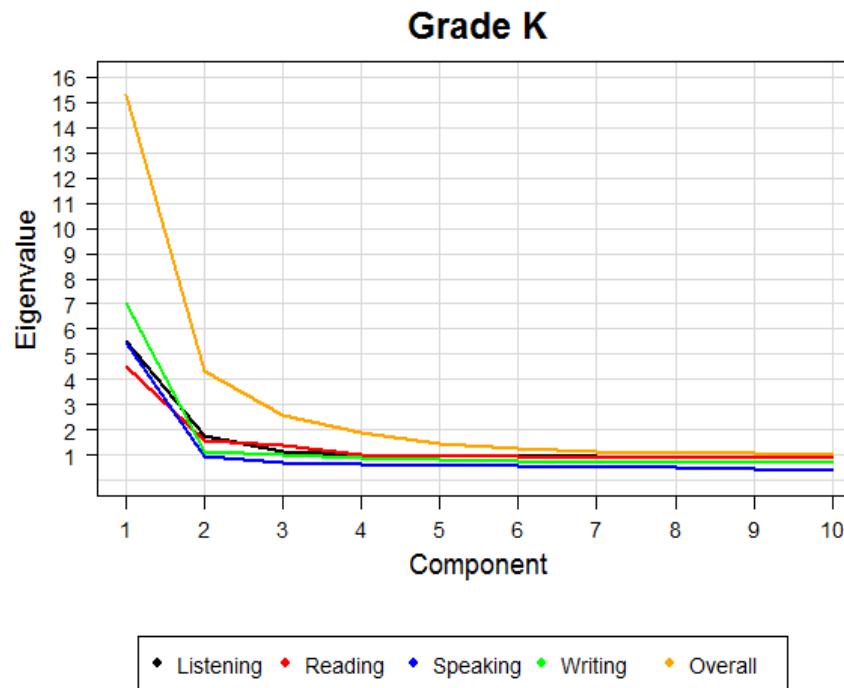
**Table S12.6: Summative Inter-Rater Result - Grade Band 9-12**

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	≥ 41,620	≥ 7,970	19.2	.791	5,682	7,899	73	71.3	99.1	0.9
	3382	3	≥ 41,400	≥ 7,990	19.3	.769	5,626	7,841	150	70.4	98.1	1.9
	3384	3	≥ 41,210	≥ 7,930	19.3	.808	5,923	7,742	196	74.6	97.5	2.5
	3386	3	≥ 41,200	≥ 7,930	19.2	.773	5,489	7,838	93	69.2	98.8	1.2
	3352	5	≥ 41,330	≥ 7,970	19.3	.879	5,929	7,614	360	74.4	95.5	4.5
	3354	5	≥ 41,070	≥ 7,860	19.1	.902	5,472	7,610	253	69.6	96.8	3.2
	3406	5	≥ 41,230	≥ 7,860	19.1	.833	4,398	7,495	374	55.9	95.2	4.8
Writing	3490	3	≥ 41,230	≥ 7,970	19.3	.783	5,250	7,876	97	65.8	98.8	1.2
	3516	3	≥ 41,480	≥ 7,510	18.1	.862	5,933	7,426	87	79.0	98.8	1.2
	3518	3	≥ 41,380	≥ 7,560	18.3	.861	5,920	7,480	81	78.3	98.9	1.1
	3520	3	≥ 41,410	≥ 7,660	18.5	.861	6,059	7,583	79	79.1	99.0	1.0
	3456	5	≥ 41,140	≥ 7,930	19.3	.841	4,978	7,782	150	62.8	98.1	1.9
	3494	5	≥ 41,150	≥ 7,920	19.3	.886	5,141	7,843	85	64.8	98.9	1.1

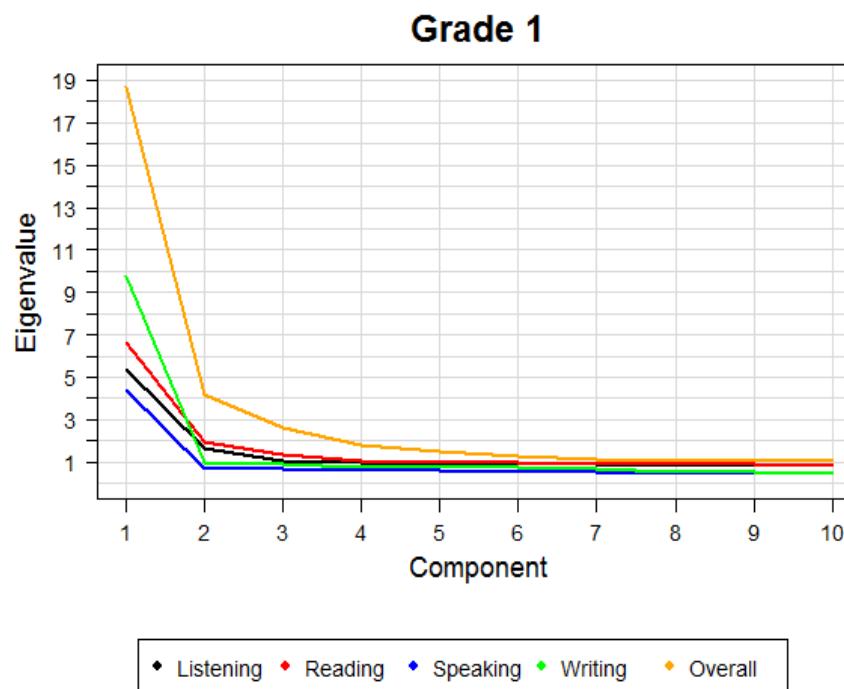
\* FR: First rater; SR: Second rater.

## **Section 13: Summative Assessment - Dimensionality**

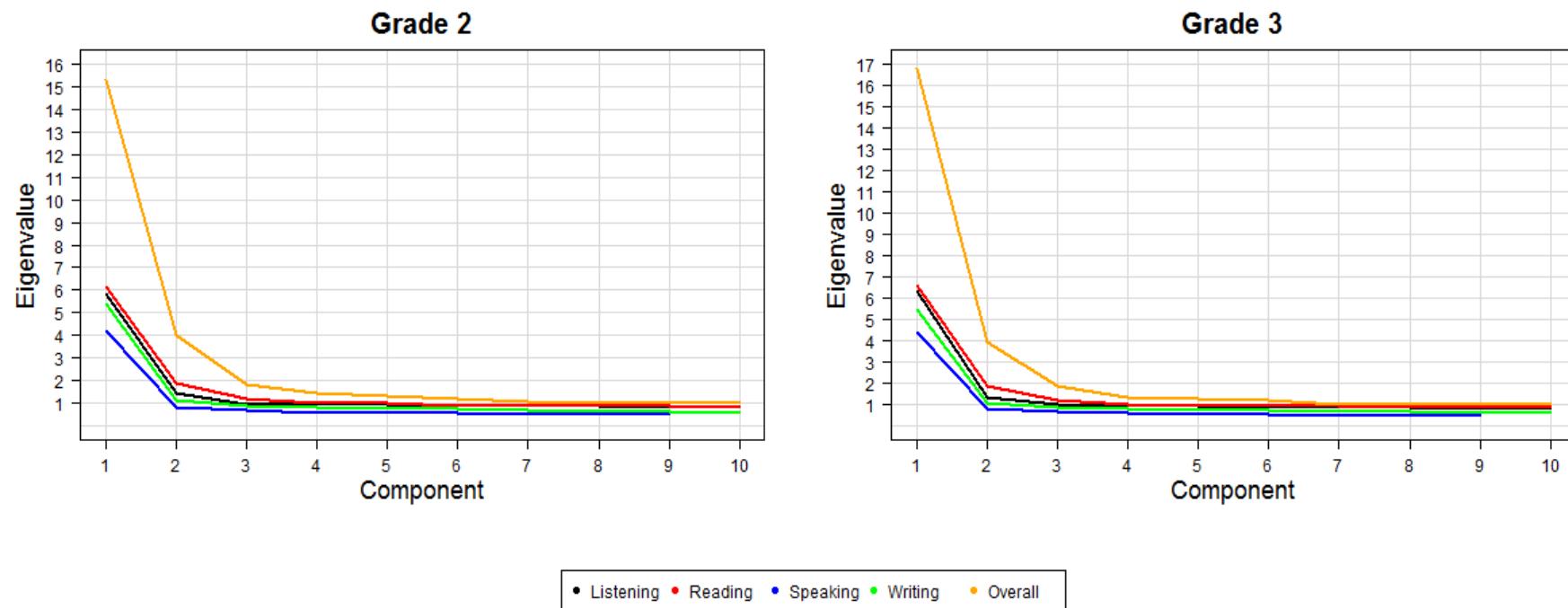
**Figure S13.1: Summative Validity - Dimensionality for Kindergarten**



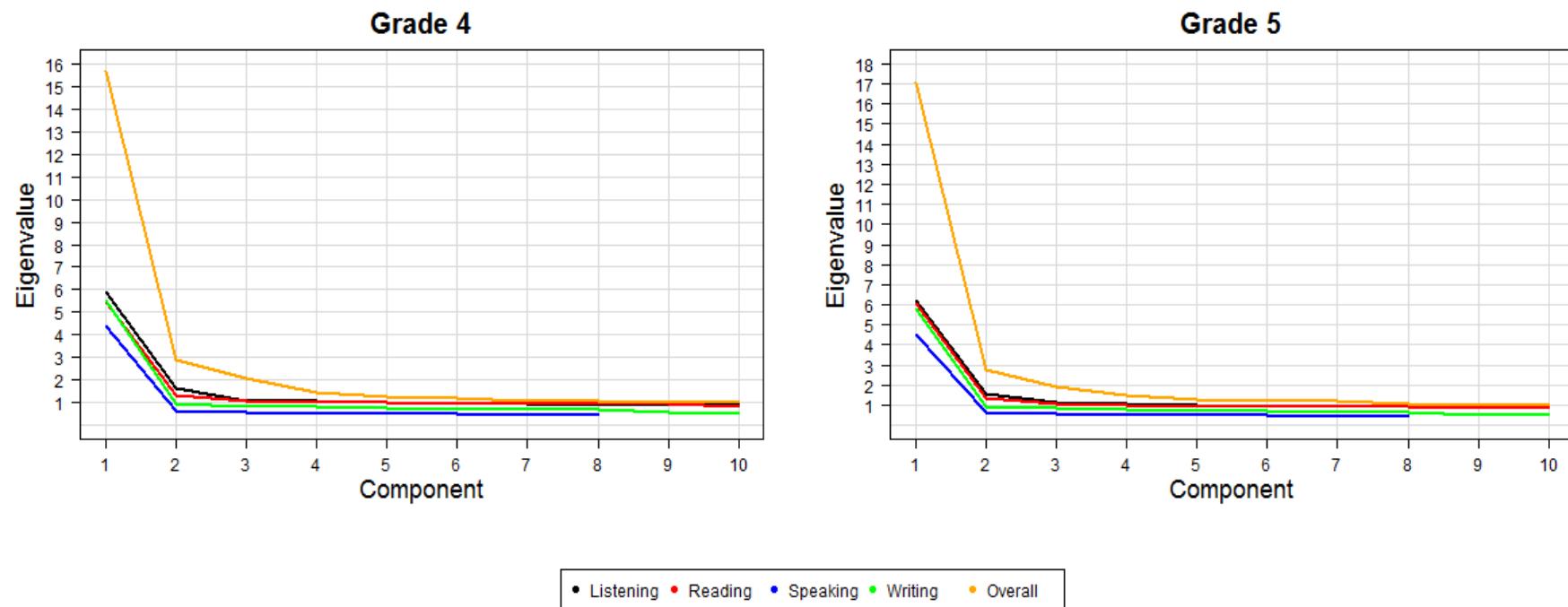
**Figure S13.2: Summative Validity - Dimensionality for Grade 1**

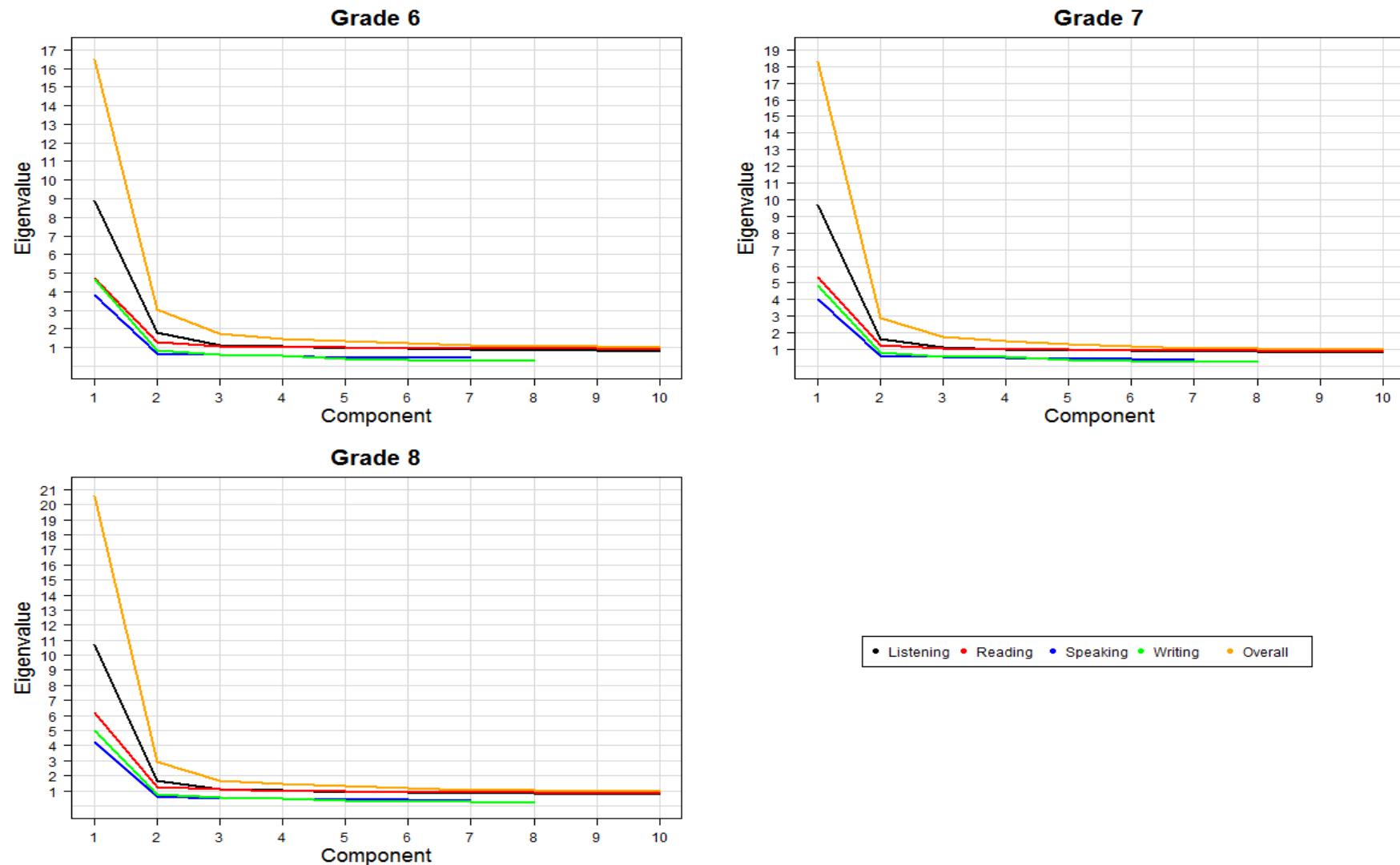


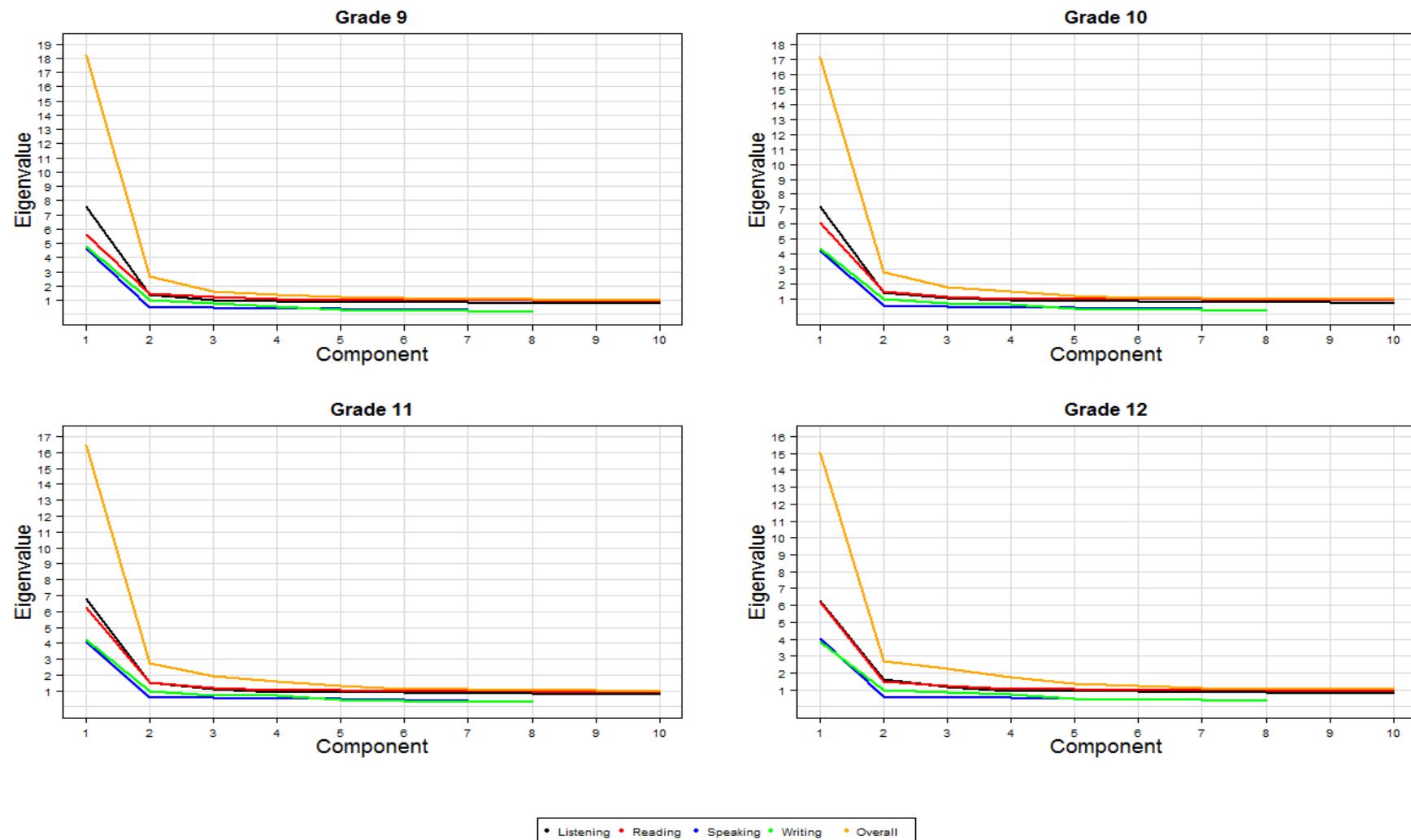
**Figure S13.3: Summative Validity - Dimensionality for Grade Band 2-3**



**Figure S13.4: Summative Validity - Dimensionality for Grade Band 4-5**



**Figure S13.5: Summative Validity - Dimensionality for Grade Band 6-8**

**Figure S13.6: Summative Validity - Dimensionality for Grade Band 9-12**

## **Section 14: Summative Assessment - Ability vs. Difficulty**

Figure S14.1: Summative Validity - Ability vs. Difficulty for Kindergarten

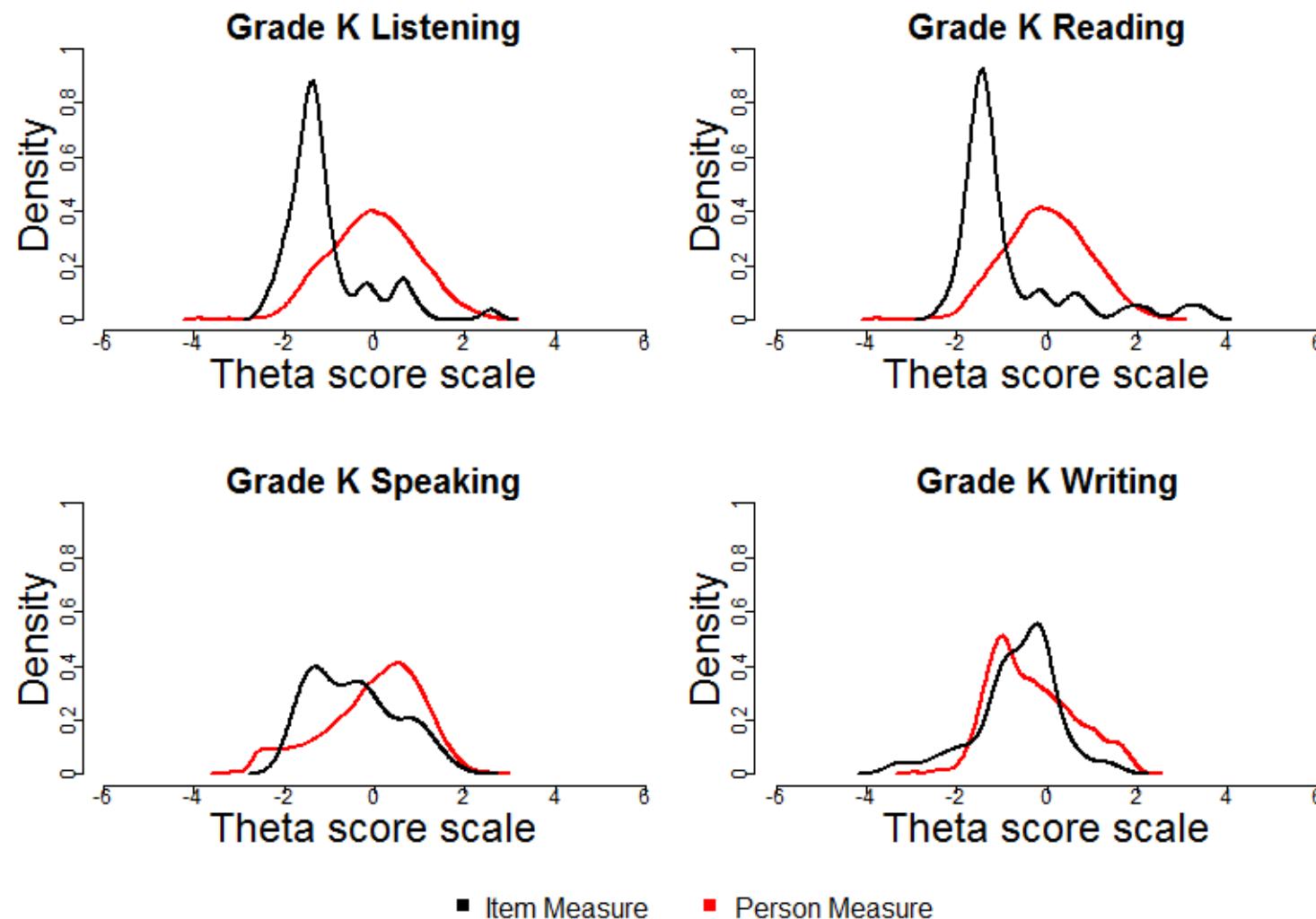


Figure S14.2: Summative Validity - Ability vs. Difficulty for Grade 1

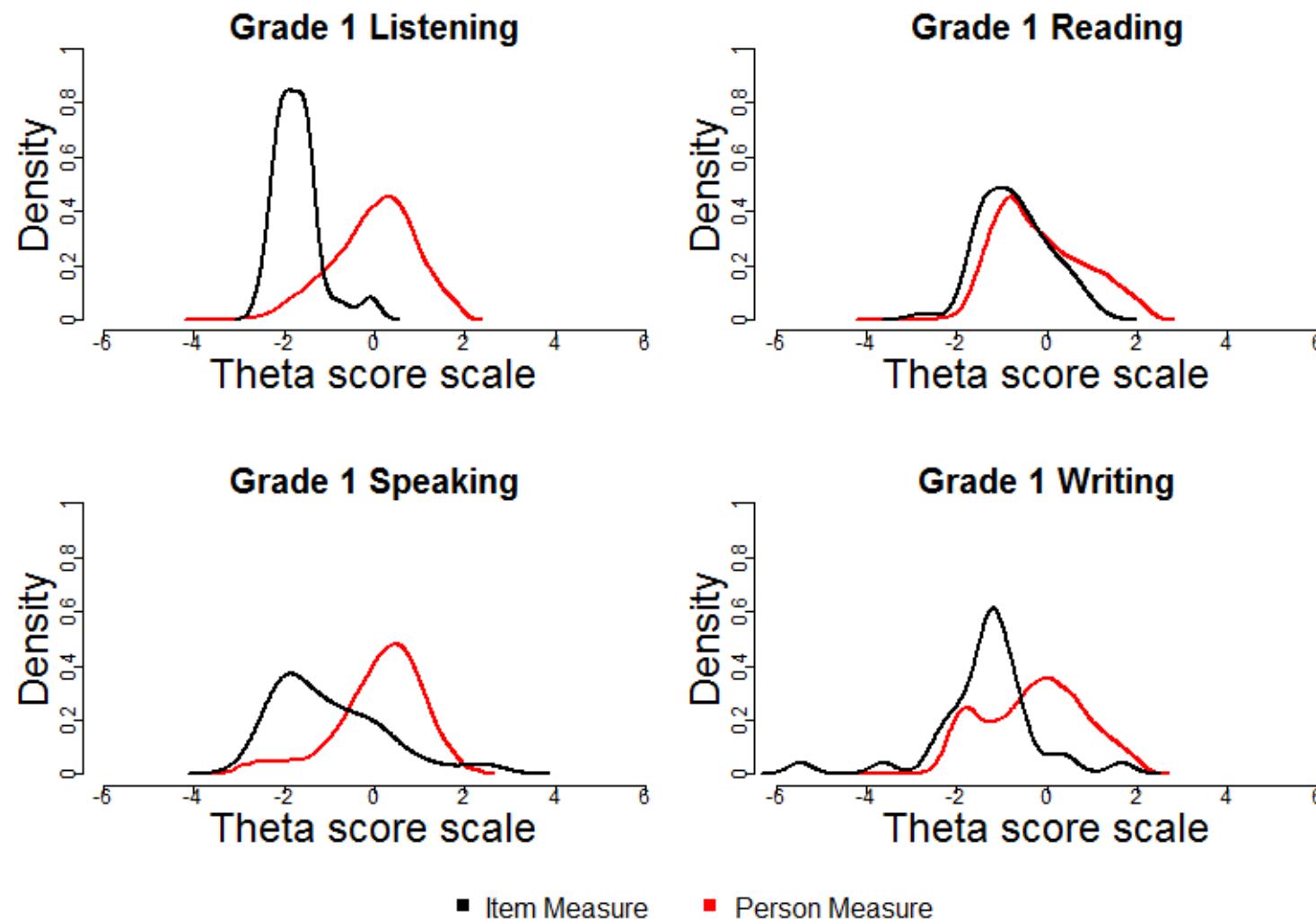


Figure S14.3: Summative Validity - Ability vs. Difficulty for Grade Band 2-3

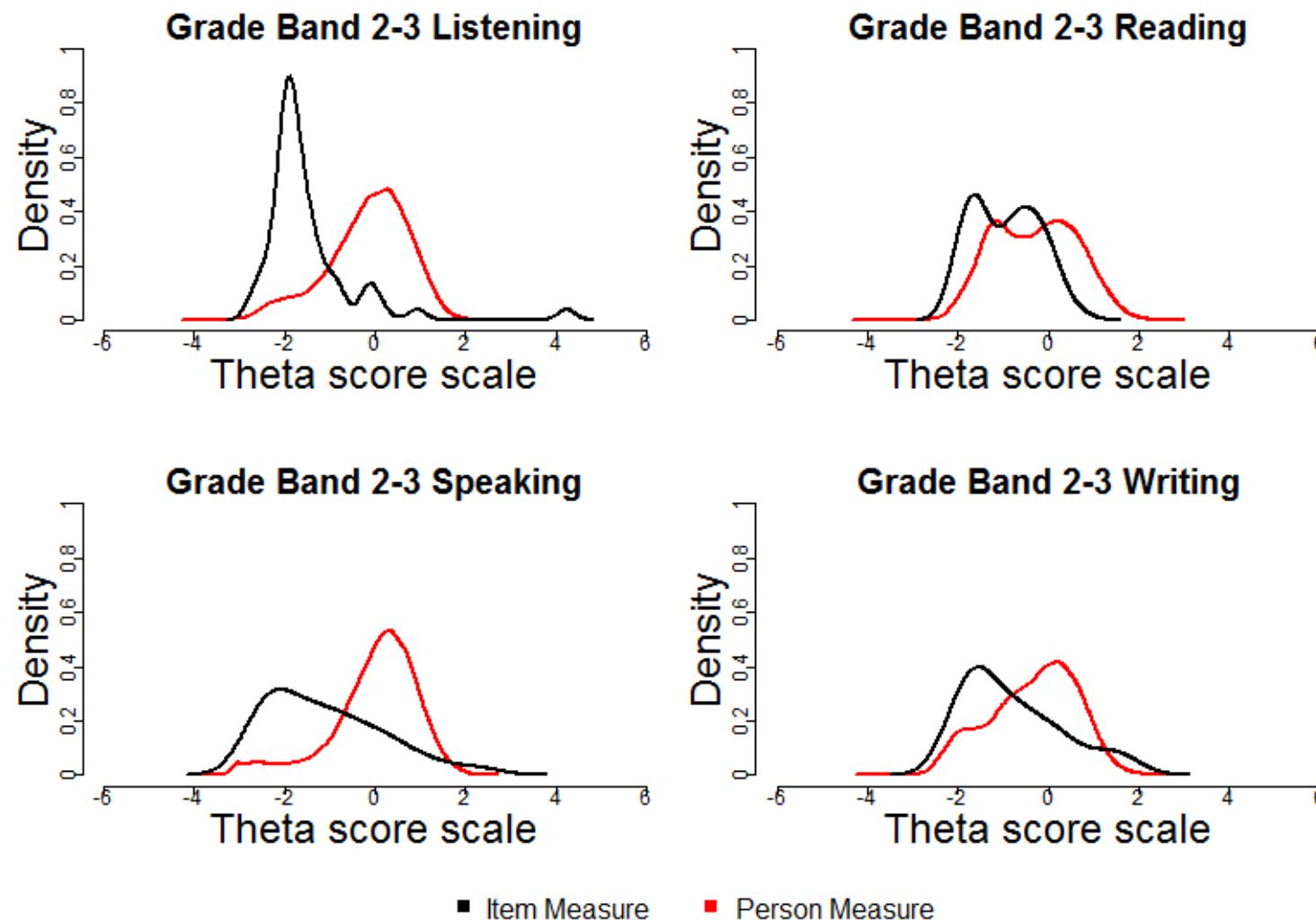


Figure S14.4: Summative Validity - Ability vs. Difficulty for Grade Band 4-5

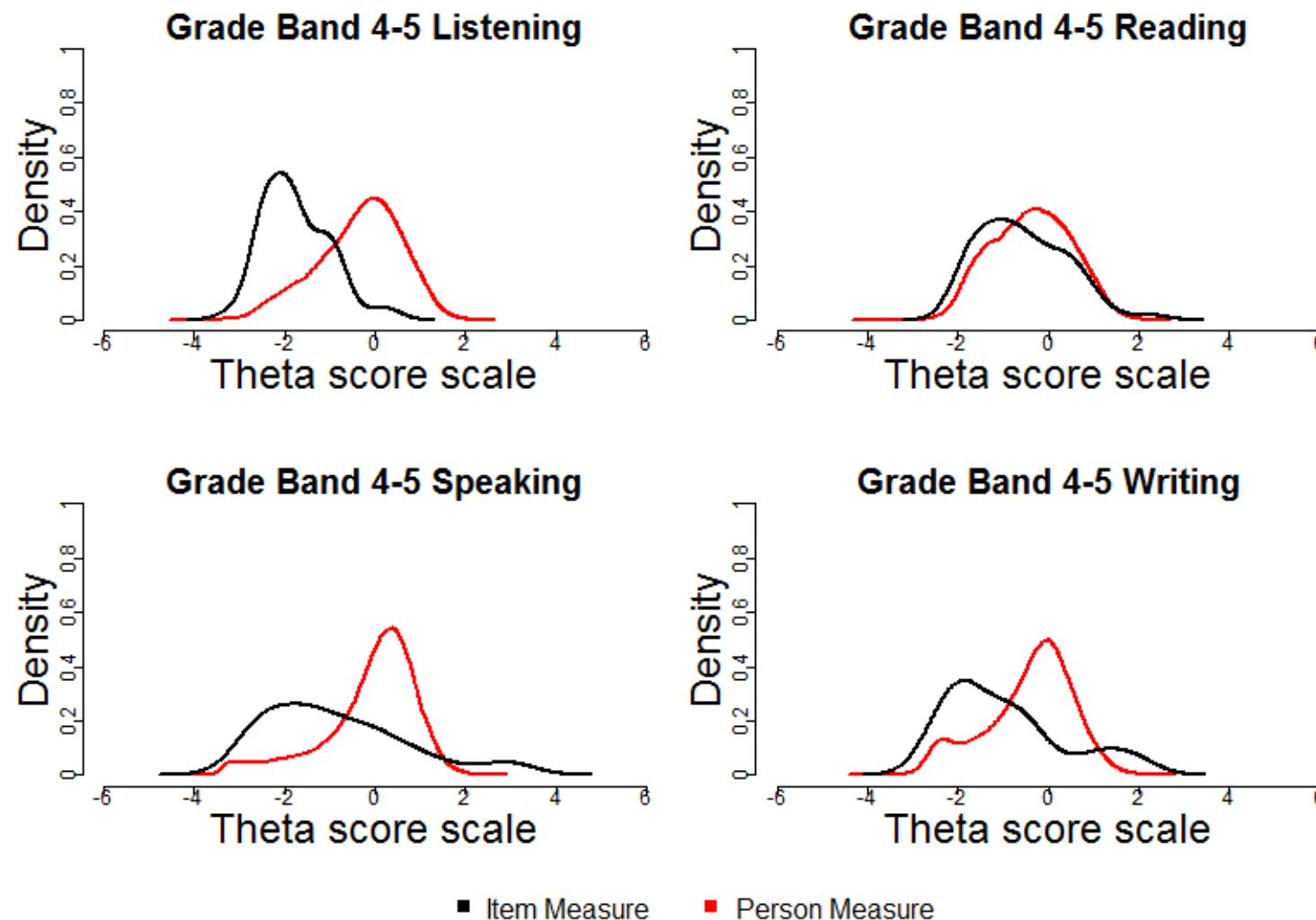


Figure S14.5: Summative Validity - Ability vs. Difficulty for Grade Band 6-8

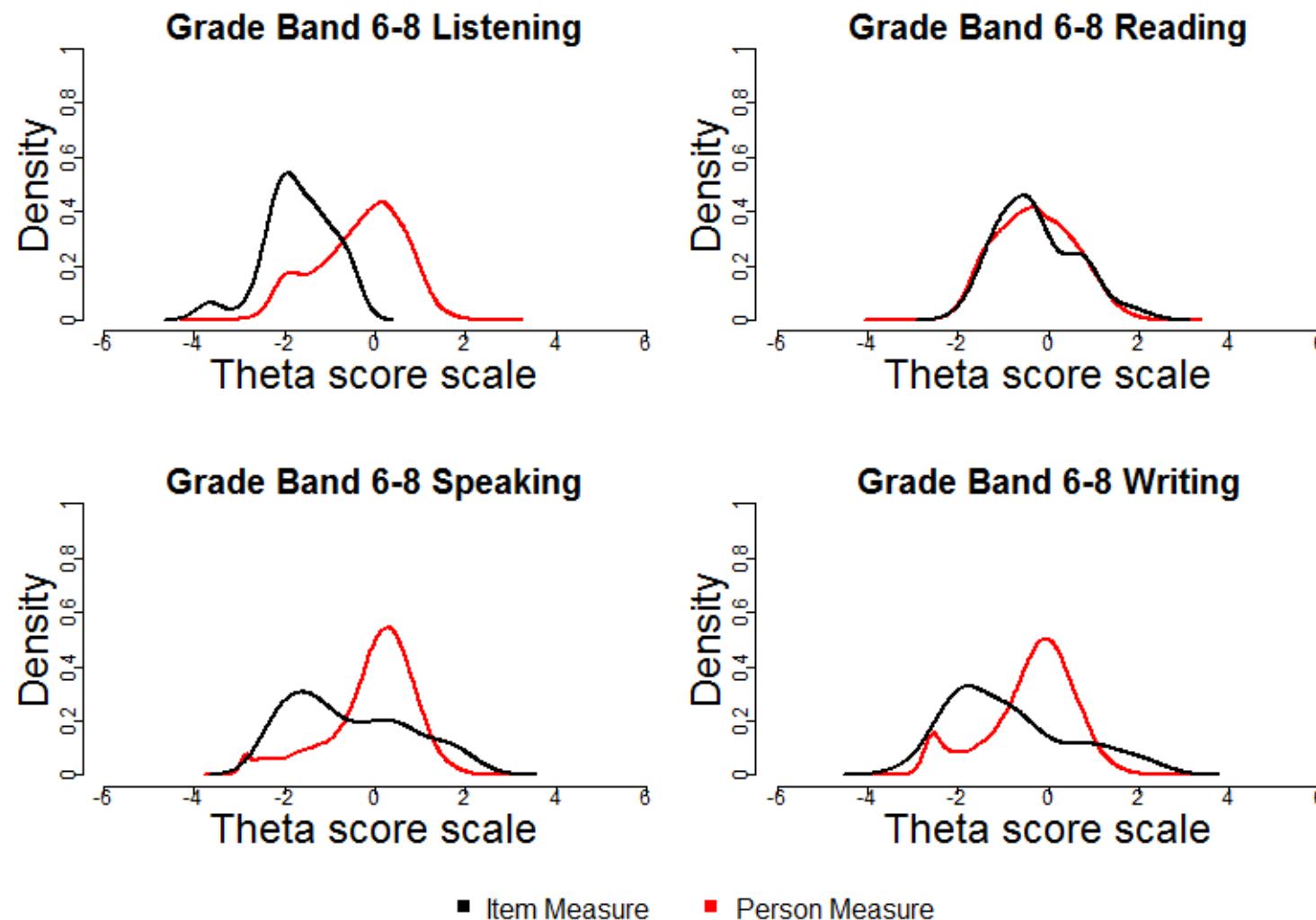
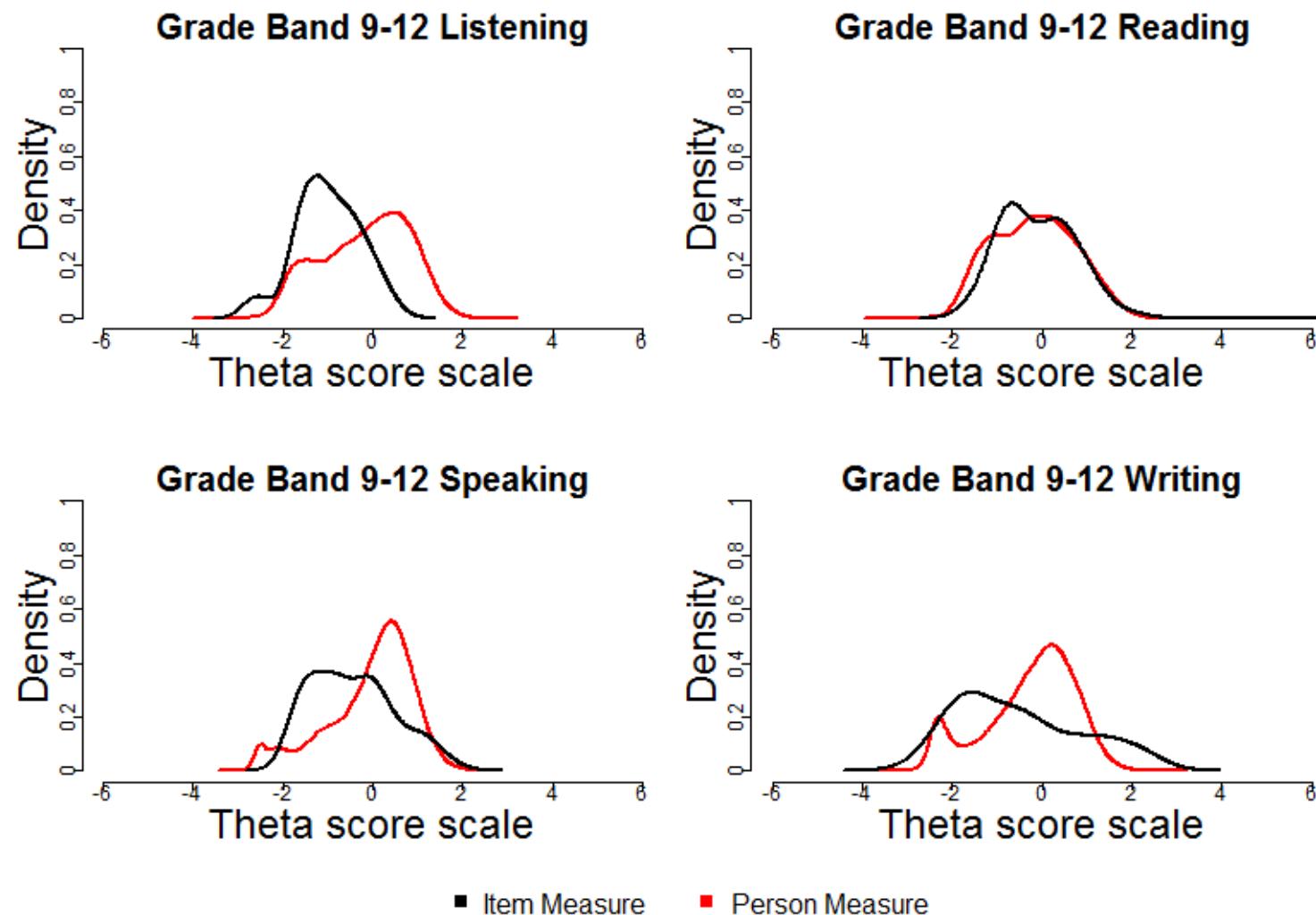


Figure S14.6: Summative Validity - Ability vs. Difficulty for Grade Band 9-12



## **Section 15: Summative Assessment - Mock Ups for Reporting**

\* Refer to the Appendix for each individual state