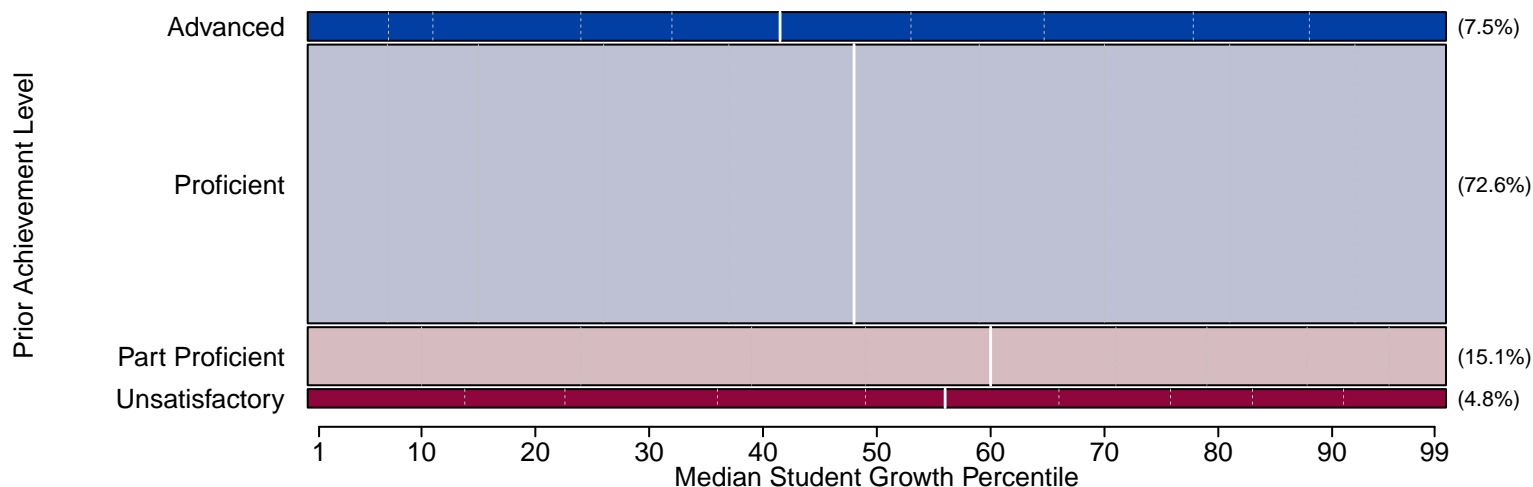


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP SIMEX, Grade 4 (N = 4,046)

SGP Deciles by Prior Achievement Level (Reading)



Ceiling / Floor Effects Test

		Student Growth Percentile Range													
		1 to 5	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 94	95 to 99		
Current Observed Score Extremes (Range)	Lowest OSS:	[180,410]	41.7	20.8	20.8	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24	
		[410,445]	33.3	7.4	7.4	25.9	18.5	0.0	7.4	0.0	0.0	0.0	0.0	N = 27	
	Highest OSS:	[713,728]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	24.0	8.0	52.0	N = 25	
		[728,791]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0	80.0	N = 25	

Student Growth Percentile Range

		1 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 99		
Prior Scale Score Decile/Range*	1st/[150,496]	7.77	8.02	7.02	10.28	7.27	9.77	11.03	11.03	12.03	15.79	(9.9%)	
	2nd/[496,526]	8.82	8.33	6.86	6.13	12.50	6.86	8.09	12.25	11.52	18.63	(10.1%)	
	3rd/[526,545]	10.63	10.38	8.35	8.61	9.87	10.38	6.33	9.87	10.89	14.68	(9.8%)	
	4th/[545,561]	10.57	7.62	10.07	8.60	8.60	9.09	8.35	9.83	12.53	14.74	(10.1%)	
	5th/[561,576]	11.53	8.27	10.78	8.77	9.52	8.27	10.78	9.27	9.52	13.28	(9.9%)	
	6th/[576,590]	13.66	8.54	12.20	10.24	5.85	12.44	8.05	8.29	9.76	10.98	(10.1%)	
	7th/[590,603]	14.14	9.00	9.00	10.54	8.23	7.46	12.60	9.00	9.51	10.54	(9.6%)	
	8th/[603,620]	17.25	12.35	8.16	9.32	11.89	6.53	6.53	7.46	8.86	11.66	(10.6%)	
	9th/[620,645]	19.90	9.44	8.67	7.14	12.24	8.16	8.93	8.93	8.16	8.42	(9.7%)	
	10th/[645,795]	13.88	11.96	8.85	12.92	9.57	9.33	8.37	6.70	10.05	8.37	(10.3%)	

*Prior score deciles can be uneven depending upon the prior score distribution

QQ-Plot: Student Growth Percentiles

