Student Growth Percentile Goodness–of–Fit Descriptives
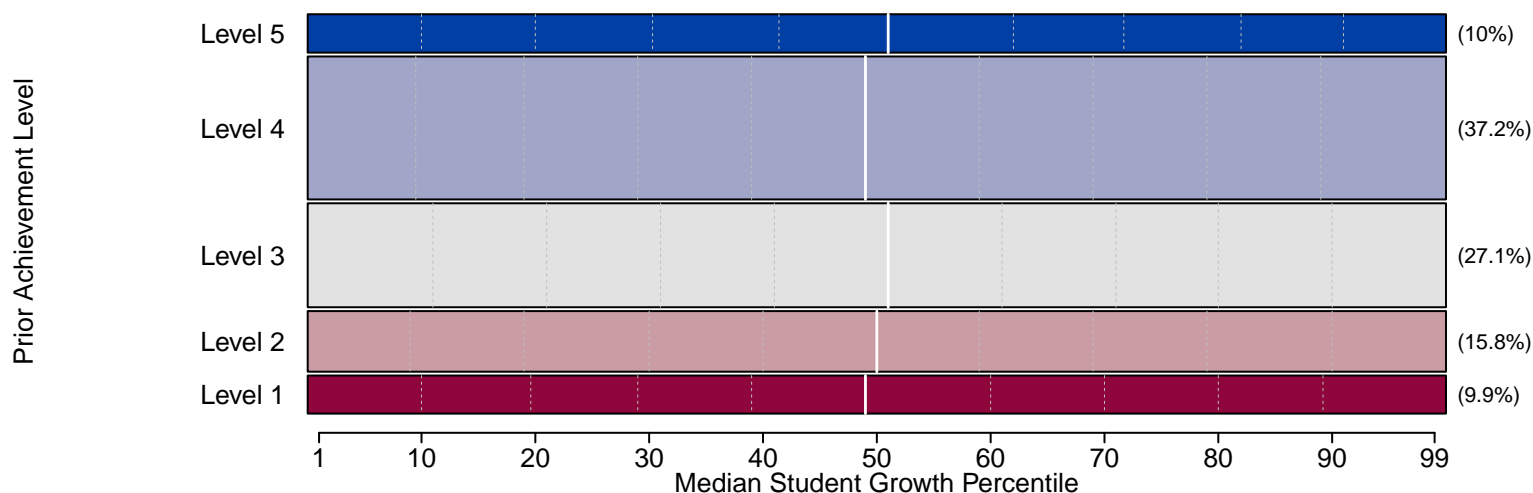
2015–2016.1 ELA SGP, Grade 9 (N = 3,320)

SGP Deciles by Prior Achievement Level (ELA)

Prior Achievement Level:
- Level 5 (10%)
- Level 4 (37.2%)
- Level 3 (27.1%)
- Level 2 (15.8%)
- Level 1 (9.9%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)

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	
Lowest OSS: [−2.902,−2.098)	80.8	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
[−2.098,−1.838]	31.6	13.2	36.8	15.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 38
Highest OSS: [2.323,2.566)	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	19.2	11.5	26.9	19.2	N = 26
[2.566,3.712]	0.0	0.0	3.3	0.0	0.0	3.3	6.7	6.7	3.3	20.0	10.0	46.7	N = 30

Student Growth Percentile Range

Prior Scale Score Decile/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	
1st/[−2.932,−1.14)	9.67	10.27	10.57	9.97	9.67	9.67	9.97	9.67	10.57	9.97	(10%)
2nd/[−1.14,−0.6562)	10.21	9.31	9.91	8.71	10.21	10.81	9.31	10.81	10.21	10.51	(10%)
3rd/[−0.6562,−0.266)	9.64	9.34	10.24	10.84	9.94	9.04	12.35	9.94	8.13	10.54	(10%)
4th/[−0.266,−0.01006)	8.73	11.14	9.64	9.34	10.84	10.84	7.83	11.45	11.45	8.73	(10%)
5th/[−0.01006,0.242)	9.64	9.04	10.24	11.75	10.54	8.13	9.94	8.43	9.34	12.95	(10%)
6th/[0.242,0.5146)	9.64	10.84	10.84	8.73	6.93	12.65	9.64	11.45	9.64	9.64	(10%)
7th/[0.5146,0.7976)	10.00	9.09	8.48	10.61	11.52	8.18	10.61	9.39	11.21	10.91	(9.9%)
8th/[0.7976,1.129)	11.41	10.81	11.11	9.31	12.01	9.01	10.21	8.11	8.71	9.31	(10%)
9th/[1.129,1.58)	8.11	9.91	9.61	11.11	8.11	12.01	10.21	11.11	10.21	9.61	(10%)
10th/[1.58,4.285]	9.64	9.64	9.94	9.34	9.94	9.64	9.94	10.24	10.24	11.45	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100