Student Growth Percentile Goodness–of–Fit Descriptives
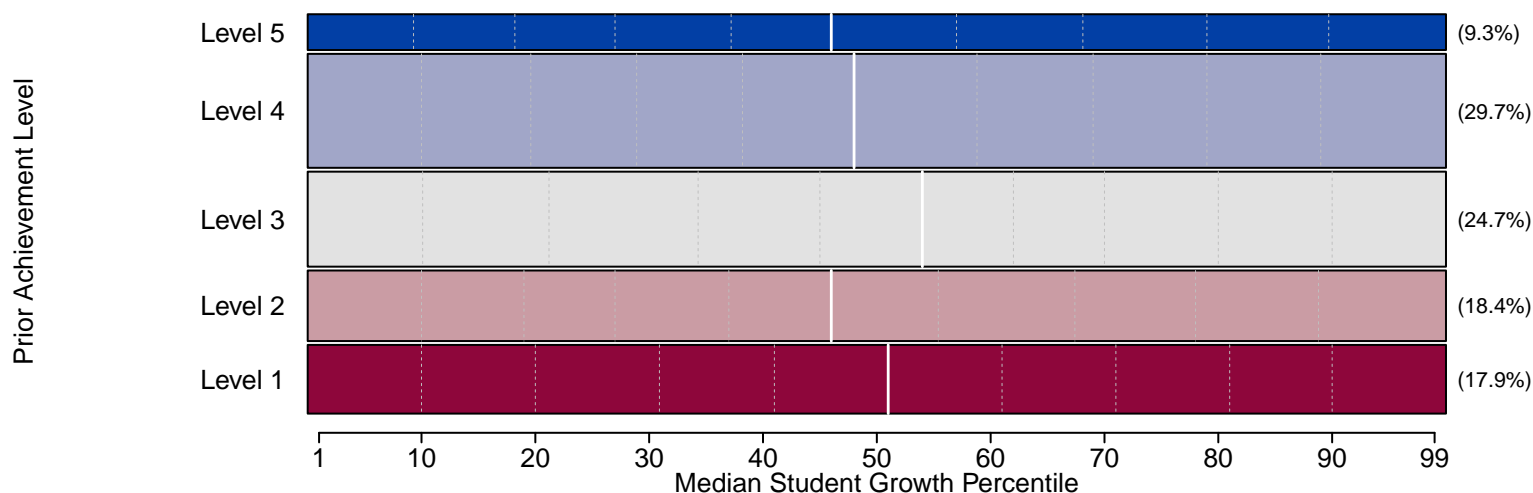## 2017–2018.1 ELA SGP, Grade 11 (N = 1,867)

SGP Deciles by Prior Achievement Level (ELA)

Prior Achievement Level:

- Level 5 — (9.3%)
- Level 4 — (29.7%)
- Level 3 — (24.7%)
- Level 2 — (18.4%)
- Level 1 — (17.9%)

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

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (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:	[−3.183,−2.287]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 20
	[−2.287,−2.092]	56.7	30.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 30
Highest OSS:	[2.169,2.432]	0.0	0.0	0.0	13.0	4.3	4.3	4.3	13.0	4.3	13.0	13.0	30.4	N = 23
	[2.432,3.135]	0.0	0.0	0.0	3.4	0.0	0.0	0.0	10.3	6.9	24.1	17.2	37.9	N = 29

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/[−5.5,−1.2)	11.89	9.19	11.35	11.35	9.73	9.19	12.43	8.11	9.73	7.03	(9.9%)
2nd/[−1.2,−0.83)	7.47	9.20	6.90	8.05	8.62	12.07	7.47	11.49	12.64	16.09	(9.3%)
3rd/[−0.83,−0.49)	10.26	11.28	11.28	11.28	10.26	7.69	10.26	10.26	10.26	7.18	(10.4%)
4th/[−0.49,−0.2)	10.56	10.56	12.22	10.00	11.11	11.11	7.22	9.44	8.33	9.44	(9.6%)
5th/[−0.2,0.03)	8.54	9.55	9.05	8.54	10.05	10.55	13.07	8.54	10.55	11.56	(10.7%)
6th/[0.03,0.25)	10.34	9.20	8.05	9.20	9.20	9.77	11.49	10.92	10.92	10.92	(9.3%)
7th/[0.25,0.5)	7.33	13.09	9.95	10.99	9.95	10.47	7.85	10.99	9.42	9.95	(10.2%)
8th/[0.5,0.8)	12.22	7.22	12.78	11.11	11.67	10.00	7.22	11.11	7.22	9.44	(9.6%)
9th/[0.8,1.3)	10.05	9.55	9.05	8.54	8.04	10.55	12.56	9.05	13.07	9.55	(10.7%)
10th/[1.3,3.5]	9.47	10.53	11.05	10.00	10.00	8.95	10.00	9.47	9.47	11.05	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (axis: 0 to 100)
Empirical SGP Distribution (axis: 0 to 100)