Student Growth Percentile Goodness–of–Fit Descriptives
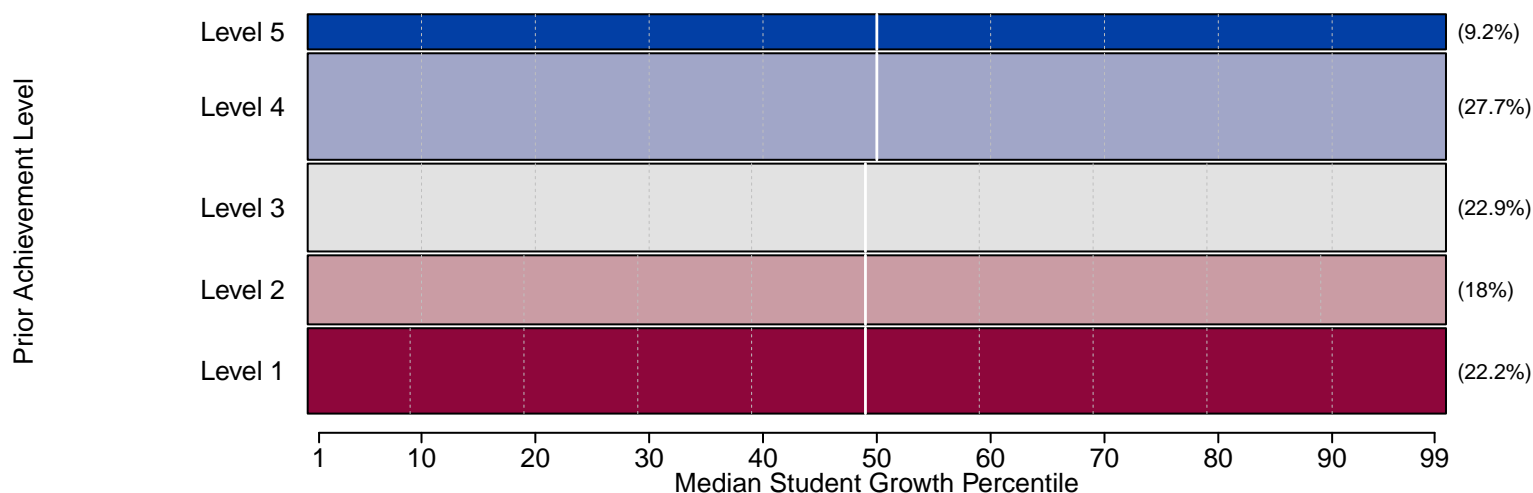## 2016–2017.2 ELA SGP, Grade 11 (N = 95,236)

SGP Deciles by Prior Achievement Level (ELA)

Prior Achievement Level	(percent)
Level 5	(9.2%)
Level 4	(27.7%)
Level 3	(22.9%)
Level 2	(18%)
Level 1	(22.2%)

Median Student Growth Percentile

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:	[−15,−5.02)	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 = 26
	[−5.02,−4.02]	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 = 29
Highest OSS:	[3.68,3.94]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	19.2	7.7	65.4	N = 26
	[3.94,5.23]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	13.8	13.8	69.0	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	(percent)
1st/[−15,−1.44)	10.09	10.10	9.88	9.90	10.53	10.29	10.38	10.11	9.79	8.93	(9.5%)
2nd/[−1.44,−0.974)	10.57	10.54	10.04	10.16	9.81	9.60	9.59	8.85	9.85	11.01	(10.3%)
3rd/[−0.974,−0.605)	9.64	10.50	10.07	10.36	9.78	9.85	9.46	10.19	10.07	10.07	(10.2%)
4th/[−0.605,−0.318)	9.97	10.71	10.49	9.67	9.93	10.45	9.94	9.79	9.13	9.94	(9.7%)
5th/[−0.318,−0.0646)	10.09	10.18	10.28	10.45	10.28	9.92	10.14	9.69	9.68	9.28	(9.8%)
6th/[−0.0646,0.186)	9.58	9.43	10.40	10.08	10.41	9.80	10.19	9.89	9.64	10.57	(10.2%)
7th/[0.186,0.467)	9.78	10.71	9.75	9.68	9.87	9.85	9.95	9.89	10.33	10.20	(10.2%)
8th/[0.467,0.783)	9.46	10.07	9.85	10.38	9.80	10.42	9.90	9.79	9.45	10.88	(9.8%)
9th/[0.783,1.23)	9.71	10.03	10.06	10.00	10.04	9.67	10.00	10.12	10.29	10.09	(10.2%)
10th/[1.23,6.36]	9.52	9.88	9.83	10.09	9.95	10.38	10.06	9.71	10.04	10.53	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution