Student Growth Percentile Goodness–of–Fit Descriptives
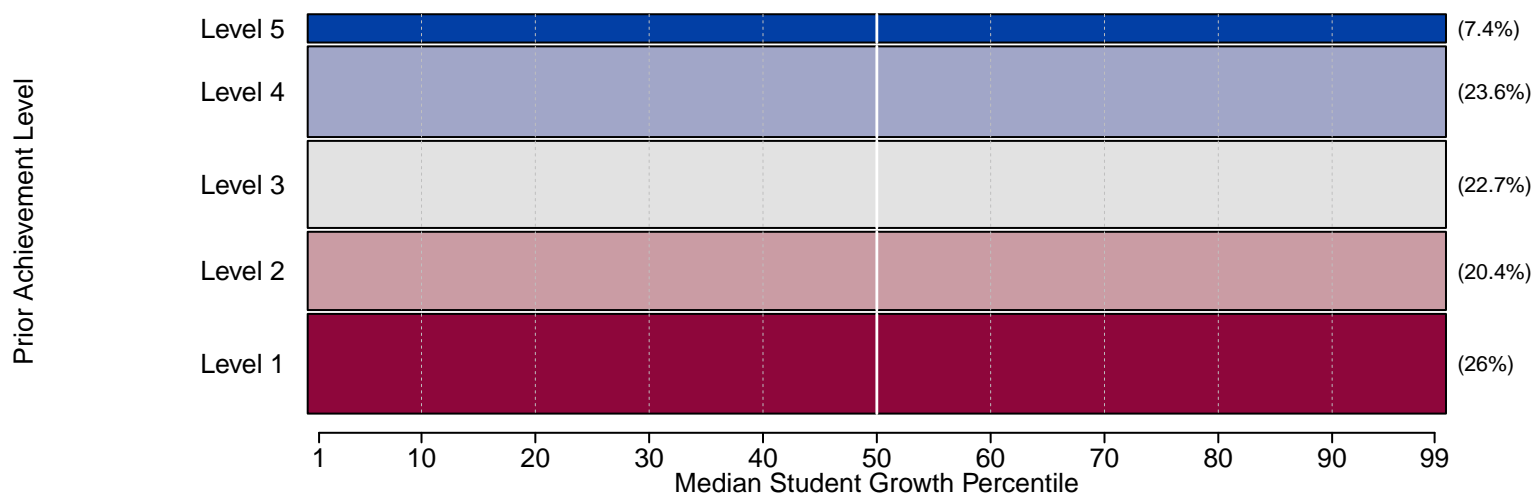## 2015–2016.2 ELA SGP, Grade 11 (N = 86,252)

SGP Deciles by Prior Achievement Level (ELA)

Prior Achievement Level:
- Level 5 (7.4%)
- Level 4 (23.6%)
- Level 3 (22.7%)
- Level 2 (20.4%)
- Level 1 (26%)

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,−4.432)	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 = 27
	[−4.432,−3.929]	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 = 27
Highest OSS:	[3.864,4.12)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	12.5	75.0	N = 24
	[4.12,6.109]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.7	7.4	85.2	N = 27

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/[−6,−1.48)	9.36	10.36	10.06	10.16	10.35	10.19	10.09	9.61	9.90	9.92	(10%)
2nd/[−1.48,−1.044)	9.71	9.80	10.46	9.96	9.58	9.77	9.59	10.24	9.99	10.90	(10%)
3rd/[−1.044,−0.7022)	9.27	9.83	9.17	9.60	9.96	9.89	10.46	10.35	10.36	11.12	(10%)
4th/[−0.7022,−0.4124)	9.69	10.08	10.11	9.86	9.85	9.96	10.27	10.06	9.86	10.27	(10%)
5th/[−0.4124,−0.1505)	9.74	9.92	10.42	10.40	10.50	10.17	9.54	9.67	9.56	10.08	(10%)
6th/[−0.1505,0.1017)	9.12	10.22	10.03	10.03	9.52	10.11	9.86	10.09	10.26	10.76	(10%)
7th/[0.1017,0.3718)	9.43	9.73	9.45	10.31	10.41	9.97	9.94	9.91	10.29	10.55	(10%)
8th/[0.3718,0.7051)	10.04	9.95	10.17	9.66	9.76	9.68	10.45	10.24	9.66	10.38	(10%)
9th/[0.7051,1.179)	9.06	10.03	10.17	9.95	10.06	10.42	9.98	9.77	10.10	10.47	(10%)
10th/[1.179,5.752]	9.64	10.07	9.94	10.08	9.99	9.84	9.82	10.08	10.00	10.52	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution