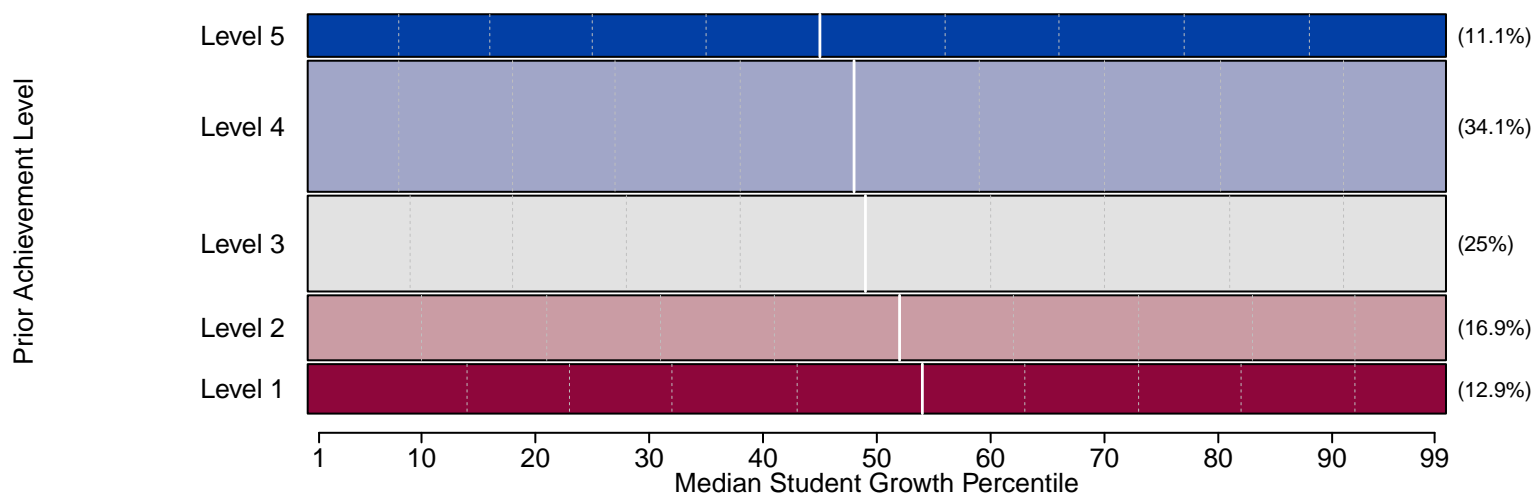# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 ELA SS SGP SIMEX, Grade 10 (N = 103,452)

SGP Deciles by Prior Achievement Level (ELA SS)

Prior Achievement Level:
- Level 5 (11.1%)
- Level 4 (34.1%)
- Level 3 (25%)
- Level 2 (16.9%)
- Level 1 (12.9%)

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:	[650]	38.7	12.6	29.7	18.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 2705
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	2.9	11.4	5.6	10.3	21.8	13.6	34.4	N = 660

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/[650,694)	4.13	10.51	12.71	9.18	9.50	9.30	10.49	10.94	10.67	12.58	(9.6%)
2nd/[694,711)	8.93	9.41	9.40	9.49	9.31	9.95	10.04	9.94	11.00	12.53	(9.4%)
3rd/[711,725)	9.26	10.03	10.06	9.21	9.64	9.83	9.52	9.85	9.99	12.61	(10.8%)
4th/[725,736)	11.08	10.86	10.07	9.49	9.59	9.12	9.74	9.11	9.85	11.10	(10%)
5th/[736,745)	10.91	10.58	10.22	9.45	8.99	9.46	9.77	9.76	9.63	11.24	(9.6%)
6th/[745,754)	11.12	10.05	10.01	9.62	9.33	9.11	9.47	9.70	9.87	11.71	(9.5%)
7th/[754,764)	11.49	11.06	9.61	9.39	8.94	9.26	9.45	9.42	9.92	11.45	(10.2%)
8th/[764,776)	10.98	10.27	10.14	9.93	10.27	9.23	8.91	8.90	9.91	11.45	(10.4%)
9th/[776,793)	11.10	11.27	10.20	9.97	9.59	9.08	9.67	8.98	9.33	10.82	(10.6%)
10th/[793,850]	12.26	11.44	10.93	10.37	9.59	9.47	9.10	9.37	8.59	8.89	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution