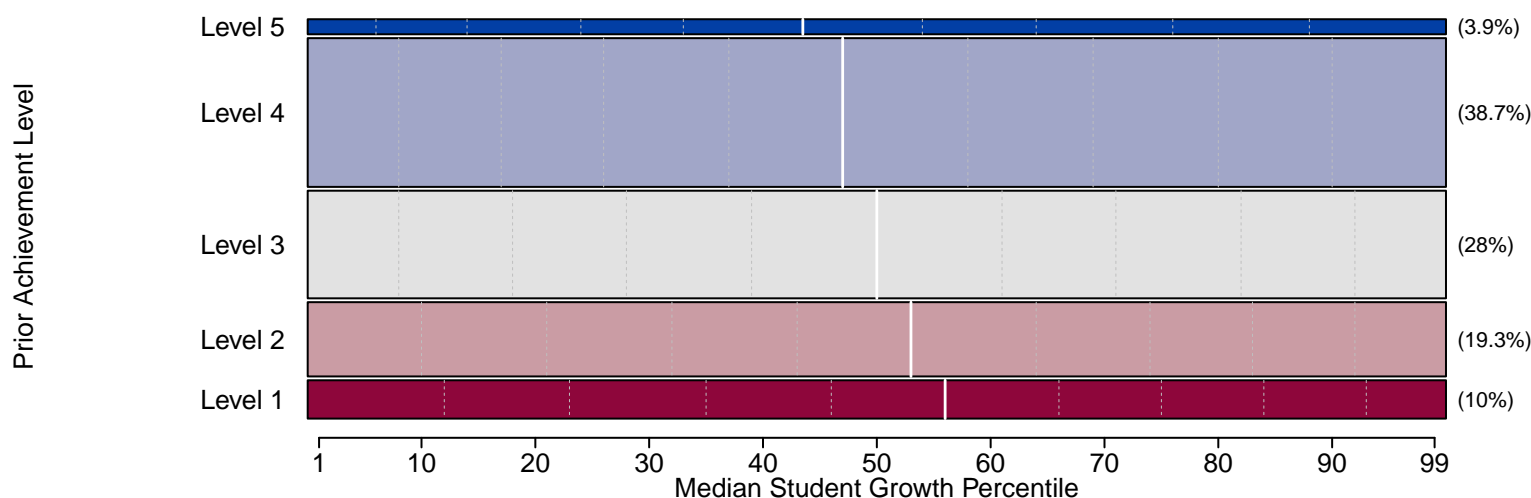# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 ELA SS SGP SIMEX, Grade 6 (N = 413,032)

SGP Deciles by Prior Achievement Level (ELA SS)

Prior Achievement Level

Level	Percent
Level 5	(3.9%)
Level 4	(38.7%)
Level 3	(28%)
Level 2	(19.3%)
Level 1	(10%)

Median Student Growth Percentile: 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:	[650]	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 = 516
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	13.2	86.3	N = 197

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/[650,700)	7.88	8.59	8.67	9.44	9.30	9.50	10.45	10.74	11.53	13.91	(10%)
2nd/[700,714)	8.67	8.83	9.35	9.49	9.35	9.62	9.65	10.88	10.88	13.29	(9.6%)
3rd/[714,725)	9.55	9.39	9.44	9.14	9.56	9.87	9.52	10.05	10.52	12.95	(9.7%)
4th/[725,735)	10.75	10.18	9.10	9.38	9.17	9.26	9.41	10.10	10.27	12.38	(10.4%)
5th/[735,743)	11.23	10.46	9.75	9.03	9.22	9.30	9.59	9.70	9.71	12.02	(9.2%)
6th/[743,752)	11.24	10.60	9.70	9.26	9.39	8.84	9.75	9.55	9.87	11.79	(10.7%)
7th/[752,761)	11.62	9.70	10.03	9.30	9.09	9.47	9.52	9.76	9.80	11.70	(10.2%)
8th/[761,771)	12.35	10.36	10.25	8.89	10.21	9.06	9.18	9.23	9.43	11.04	(10%)
9th/[771,784)	12.93	10.60	10.46	9.64	9.31	9.20	9.07	9.37	9.05	10.36	(9.7%)
10th/[784,850]	13.60	11.44	10.51	9.80	9.71	9.40	8.60	9.06	8.55	9.31	(10.5%)

*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