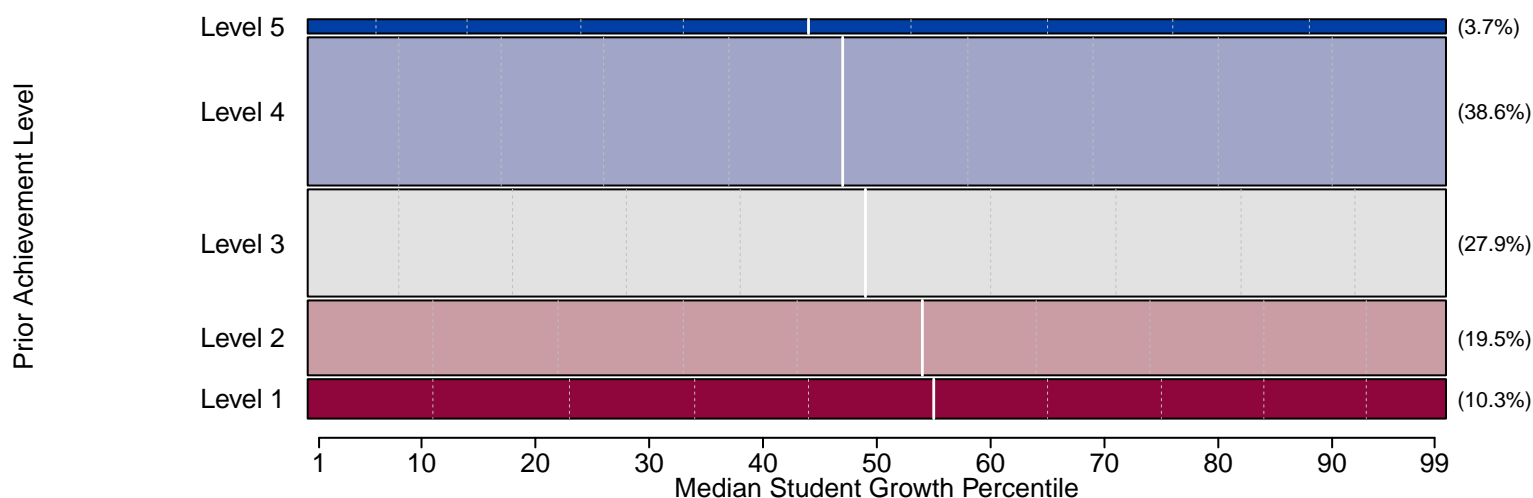# Student Growth Percentile Goodness–of–Fit Descriptives

2015–2016.2 ELA SGP SIMEX, Grade 6 (N = 413,032)

SGP Deciles by Prior Achievement Level (ELA)

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,−4.61)	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 = 35
	[−4.61,−4.243]	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 = 36
Highest OSS:	[4.399,4.704)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 28
	[4.704,8.005]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	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	
1st/[−6,−1.393)	8.29	8.76	9.02	9.53	9.38	9.11	10.39	10.59	11.21	13.72	(10%)
2nd/[−1.393,−0.9012)	8.48	9.16	8.59	9.35	9.51	9.29	10.41	10.56	10.98	13.65	(10%)
3rd/[−0.9012,−0.5212)	9.40	9.43	8.92	9.31	9.39	9.38	9.71	10.34	10.72	13.40	(10%)
4th/[−0.5212,−0.1968)	10.83	10.44	9.64	9.30	9.11	8.95	9.43	9.47	10.27	12.57	(10%)
5th/[−0.1968,0.0959)	11.34	10.47	10.24	9.50	9.13	9.07	9.23	9.25	9.70	12.08	(10%)
6th/[0.0959,0.3837)	11.38	10.48	10.05	9.32	9.06	8.95	9.52	9.55	10.04	11.64	(10%)
7th/[0.3837,0.6808)	11.32	10.14	9.73	9.56	9.22	9.38	9.28	9.84	9.79	11.74	(10%)
8th/[0.6808,1.021)	12.28	10.43	10.05	9.70	9.38	9.36	9.03	9.17	9.42	11.18	(10%)
9th/[1.021,1.48)	12.90	10.83	10.46	9.75	9.31	9.04	9.10	9.32	8.99	10.30	(10%)
10th/[1.48,4.853]	13.93	11.26	10.38	10.11	9.27	9.60	8.89	8.77	8.55	9.24	(10%)

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

QQ–Plot: Student Growth Percentiles