Student Growth Percentile Goodness–of–Fit Descriptives
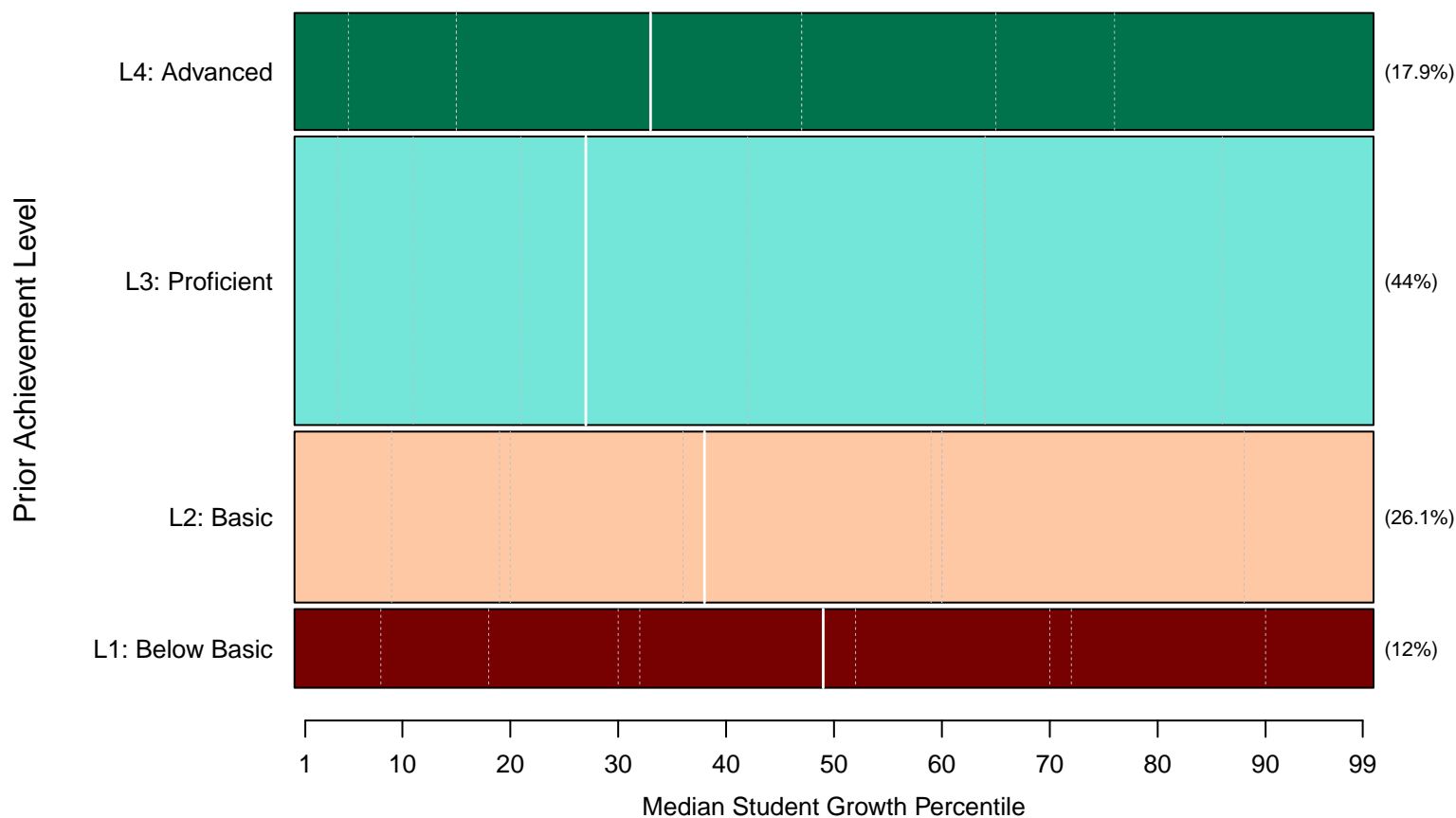
2008–2009 Writing SGP, Grade 7 (N = 62,827)
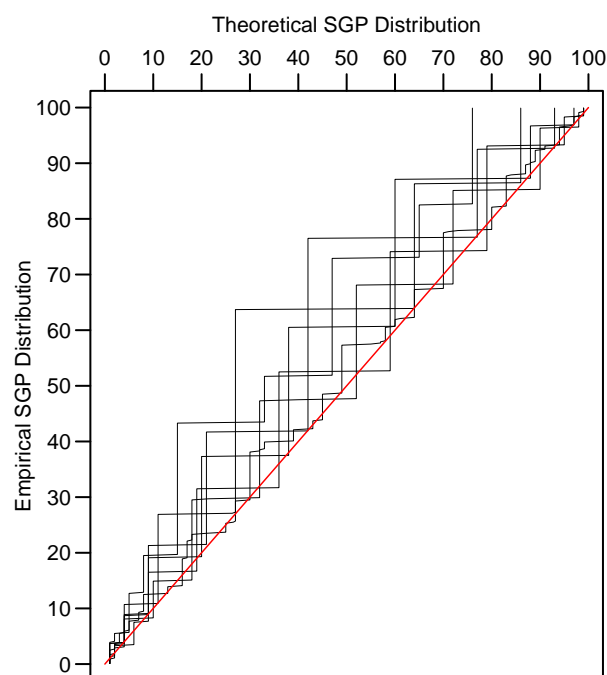
SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
L4: Advanced	(17.9%)
L3: Proficient	(44%)
L2: Basic	(26.1%)
L1: Below Basic	(12%)

Median Student Growth Percentile

1 10 20 30 40 50 60 70 80 90 99

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/[0,6]	12.57	10.94	5.82	12.82	15.24	3.18	6.86	10.57	14.37	7.65	(5.7%)
2nd/(6,7]	8.26	21.46	0.00	17.79	0.00	20.78	0.00	16.99	0.00	14.73	(6.3%)
3rd/(7,8]	16.70	14.87	0.00	21.03	0.00	21.65	0.00	18.96	0.00	6.79	(10.5%)
4th/(8,9]	19.20	0.00	18.12	23.32	0.00	0.00	26.53	0.00	9.55	3.29	(15.6%)
5th/9	21.31	0.00	20.58	0.00	34.75	0.00	0.00	16.05	0.00	7.31	(20%)
6th/10	10.79	16.31	36.75	0.00	0.00	0.00	22.58	0.00	13.58	0.00	(24.1%)
7th/(11,12]	19.59	23.79	0.00	8.46	21.22	0.00	9.52	17.43	0.00	0.00	(17.9%)

*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