Student Growth Percentile Goodness−of−Fit Descriptives
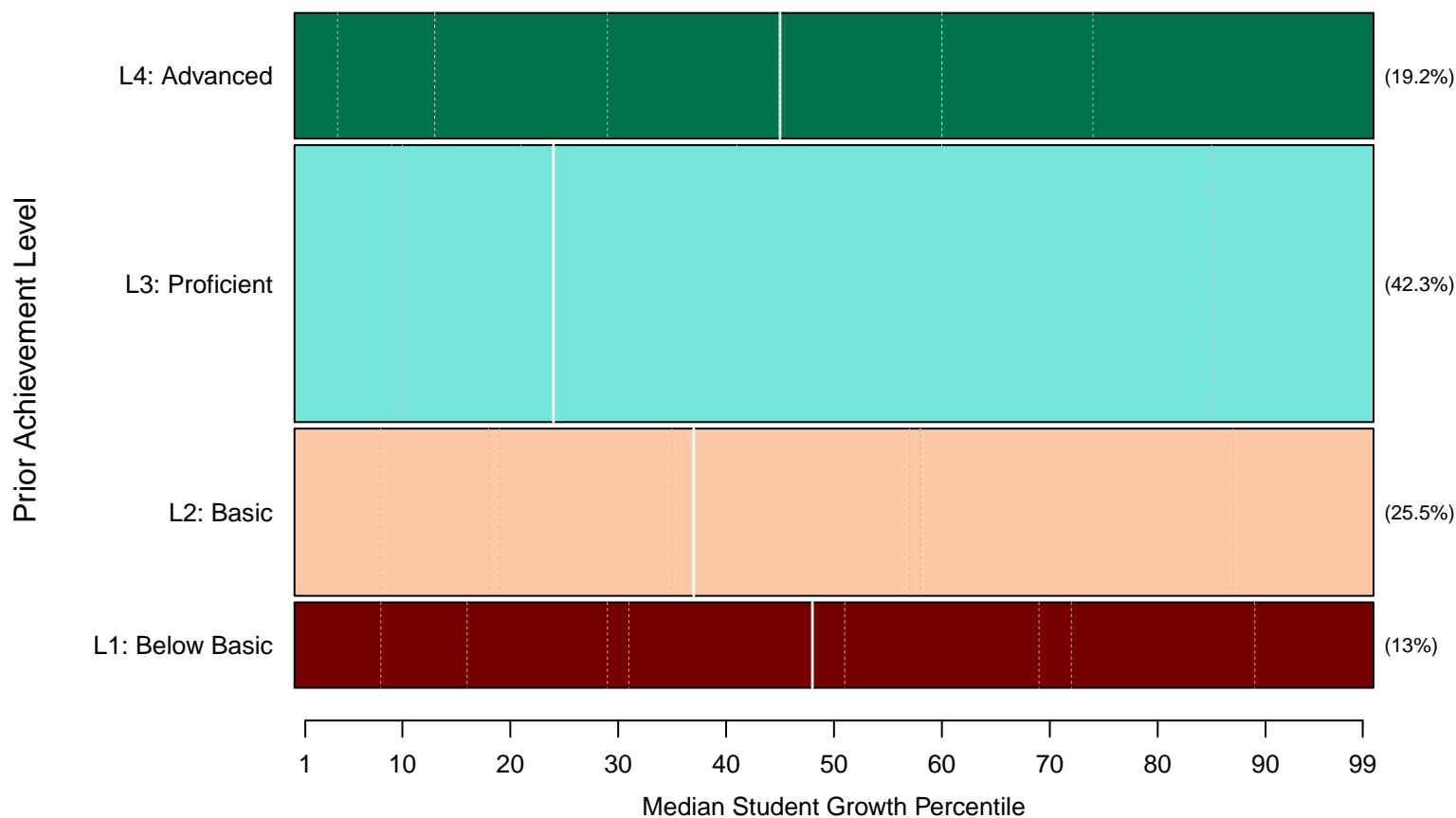## 2009−2010 Writing SGP, Grade 7 (N = 64,072)
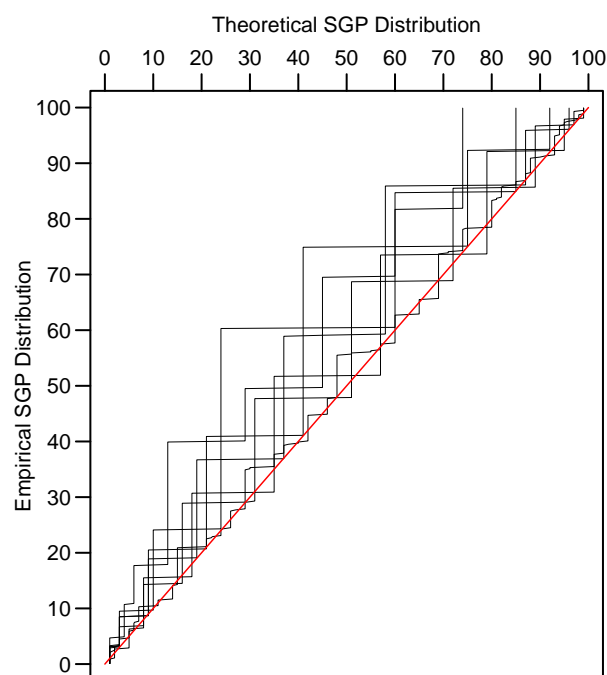
SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
L4: Advanced	(19.2%)
L3: Proficient	(42.3%)
L2: Basic	(25.5%)
L1: Below Basic	(13%)

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]	10.39	10.54	14.15	4.42	16.13	2.03	16.06	4.57	12.60	9.10	(6.1%)
2nd/(6,7]	14.32	14.77	0.00	18.65	0.00	21.12	0.00	16.79	11.08	3.26	(6.9%)
3rd/(7,8]	15.62	15.18	0.00	20.98	0.00	21.82	0.00	18.50	0.00	7.90	(10.7%)
4th/(8,9]	18.99	17.78	0.00	22.33	0.00	26.92	0.00	0.00	10.01	3.97	(14.8%)
5th/9	20.64	0.00	20.40	0.00	33.99	0.00	0.00	17.36	0.00	7.60	(18.7%)
6th/10	9.70	14.59	36.21	0.00	0.00	0.00	24.34	0.00	15.17	0.00	(23.6%)
7th/(11,12]	17.73	22.20	9.68	0.00	19.91	0.00	12.33	18.15	0.00	0.00	(19.2%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution