Student Growth Percentile Goodness–of–Fit Descriptives
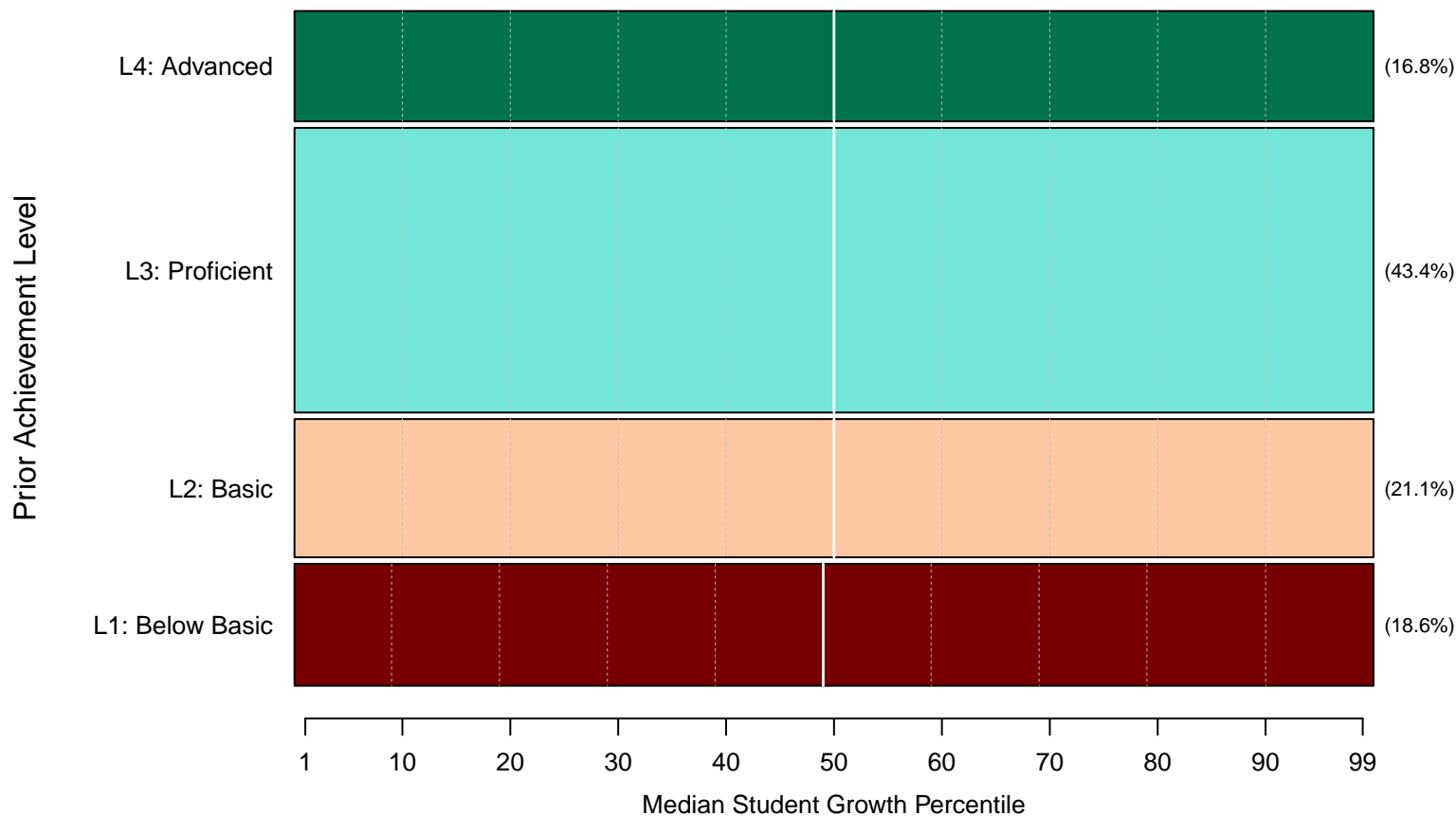## 2007–2008 Mathematics SGP, Grade 6 (N = 68,814)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- L4: Advanced (16.8%)
- L3: Proficient (43.4%)
- L2: Basic (21.1%)
- L1: Below Basic (18.6%)

Median Student Growth Percentile

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/[262,358]	10.61	10.17	10.07	10.20	9.98	9.47	10.20	9.70	9.82	9.77	(9.8%)
2nd/[358,375]	9.86	10.19	10.05	9.53	9.77	10.69	9.89	9.64	9.92	10.45	(8.8%)
3rd/[375,388]	9.61	10.24	10.12	10.14	9.92	9.56	9.75	10.33	9.43	10.90	(10.5%)
4th/[388,400]	9.79	9.66	10.09	10.03	10.14	9.94	10.04	9.60	10.18	10.53	(10.6%)
5th/[400,407]	9.84	9.82	9.56	10.20	9.95	10.23	10.42	9.75	9.71	10.53	(9.3%)
6th/[407,417]	8.93	10.07	10.18	9.60	10.14	10.00	9.79	10.26	10.65	10.39	(10.6%)
7th/[417,428]	9.89	9.47	10.04	9.81	10.15	9.47	10.04	9.74	9.83	11.56	(7.7%)
8th/[428,438]	9.98	10.13	10.10	10.40	9.72	10.13	9.95	9.84	9.63	10.11	(11.8%)
9th/[438,451]	9.20	10.05	9.53	9.71	10.36	9.82	10.44	10.07	9.89	10.93	(8%)
10th/[451,550]	9.52	9.85	10.27	9.92	10.26	9.81	9.97	10.06	10.04	10.31	(12.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution