Student Growth Percentile Goodness–of–Fit Descriptives
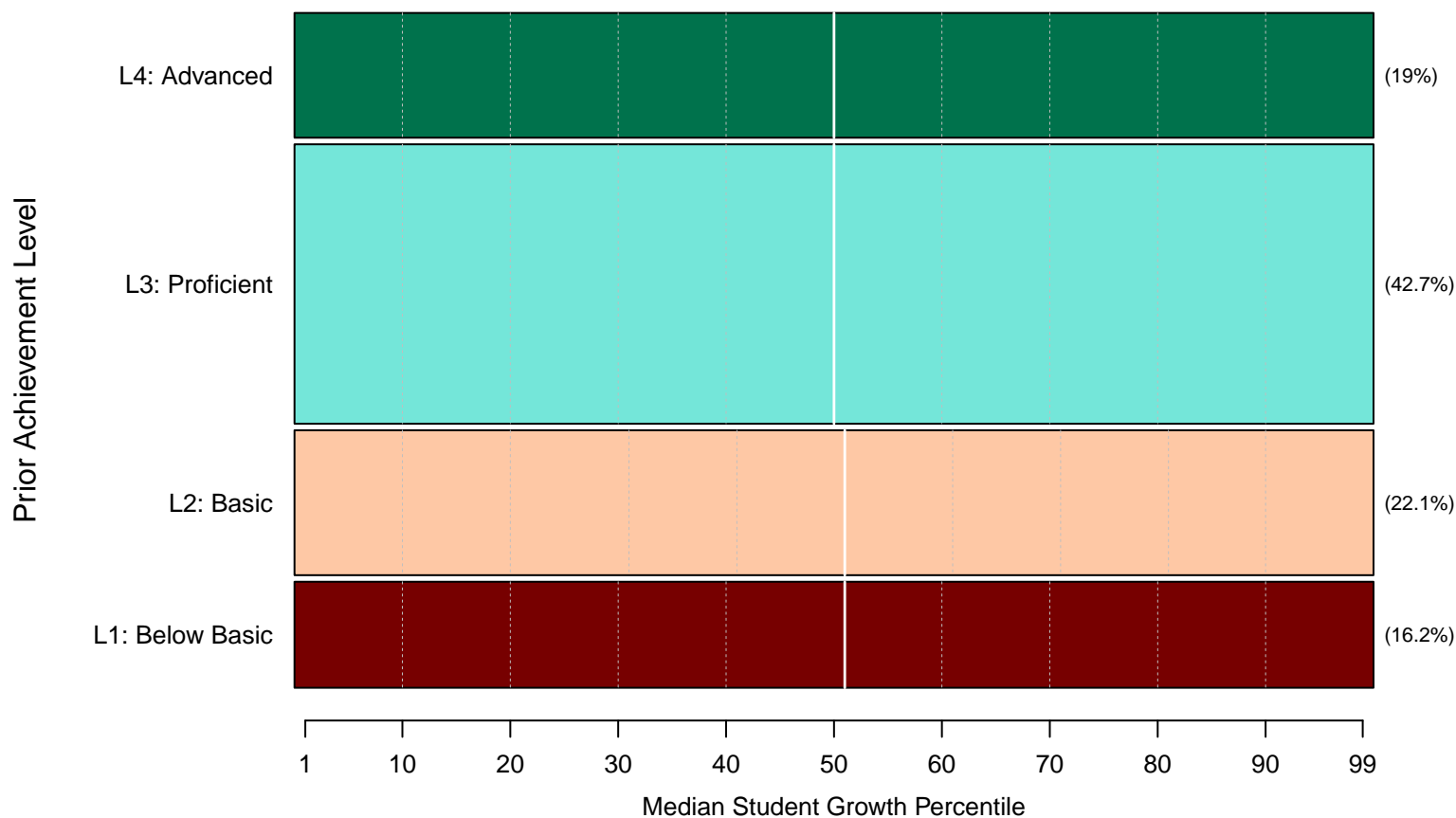
2008–2009 Mathematics SGP, Grade 6 (N = 70,170)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- L4: Advanced — (19%)
- L3: Proficient — (42.7%)
- L2: Basic — (22.1%)
- L1: Below Basic — (16.2%)

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/[219,361)	9.46	10.18	9.91	9.85	9.70	10.14	9.98	10.00	9.98	10.80	(9.8%)
2nd/[361,378)	9.44	10.02	9.87	9.83	9.74	10.05	10.11	10.50	9.65	10.78	(9.6%)
3rd/[378,388)	9.42	9.61	9.59	9.66	10.68	9.95	9.80	9.88	10.57	10.83	(8.3%)
4th/[388,400)	9.55	9.82	9.78	9.97	9.69	10.02	10.05	9.99	10.05	11.08	(10.6%)
5th/[400,407)	9.70	10.54	10.45	10.29	9.93	9.83	9.30	9.80	9.64	10.54	(9.7%)
6th/[407,417)	8.96	9.60	9.72	9.70	9.61	10.51	10.62	10.48	10.19	10.62	(11.4%)
7th/[417,428)	9.02	9.63	9.99	10.16	10.00	9.99	9.68	9.99	10.11	11.44	(8.4%)
8th/[428,435)	10.32	9.87	9.98	10.29	10.14	9.56	9.87	9.65	10.06	10.26	(8.7%)
9th/[435,456)	9.42	10.35	9.66	9.99	9.81	10.31	9.87	10.18	9.89	10.52	(12.8%)
10th/[456,550]	9.17	9.81	10.29	9.89	10.08	9.82	10.09	10.09	10.27	10.49	(10.6%)

*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