Student Growth Percentile Goodness–of–Fit Descriptives
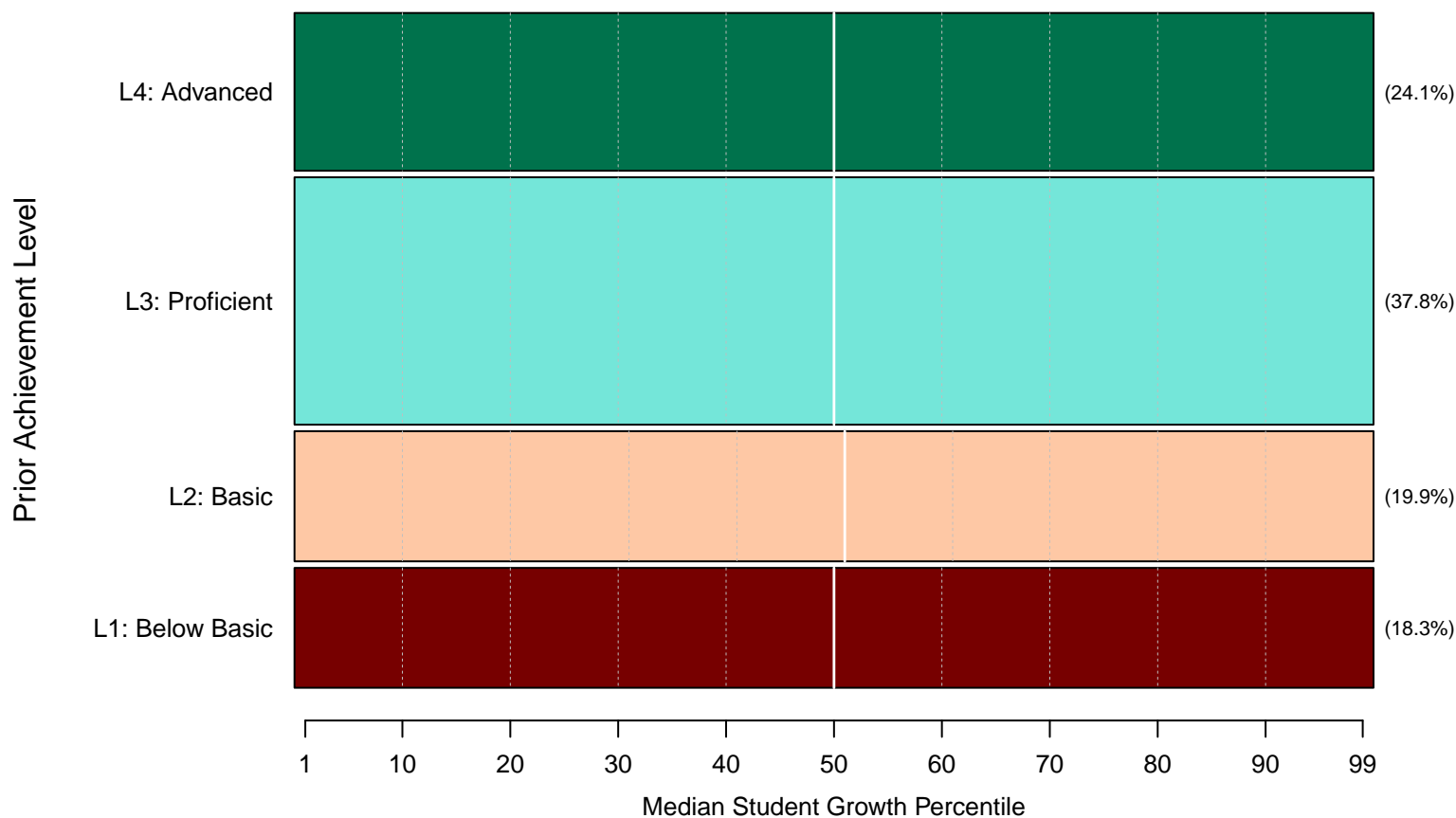
2011–2012 Mathematics SGP, Grade 6 (N = 72,583)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- L4: Advanced (24.1%)
- L3: Proficient (37.8%)
- L2: Basic (19.9%)
- L1: Below Basic (18.3%)

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/[200,353)	9.65	10.26	10.36	10.10	9.97	10.00	9.85	9.97	9.88	9.96	(8.6%)
2nd/[353,375)	9.88	9.80	9.97	9.74	9.97	9.67	10.11	10.07	10.00	10.81	(9.7%)
3rd/[375,384)	9.16	9.66	10.13	10.41	9.83	10.28	9.88	10.14	9.89	10.61	(8.9%)
4th/[384,400)	9.38	9.98	9.64	9.68	10.06	9.74	10.17	10.07	10.32	10.95	(11%)
5th/[400,407)	9.97	10.74	10.34	9.96	9.97	10.54	9.89	9.64	9.26	9.69	(8.3%)
6th/[407,416)	9.66	9.73	10.29	9.90	9.70	9.32	9.72	10.95	9.96	10.77	(9.1%)
7th/[416,427)	9.31	9.98	9.91	9.83	10.12	10.32	10.26	9.24	10.49	10.53	(10.1%)
8th/[427,440)	9.16	9.83	9.88	10.21	9.64	9.92	10.05	10.72	10.06	10.53	(10.3%)
9th/[440,458)	9.78	10.03	10.09	10.49	10.01	9.85	9.75	9.78	9.73	10.49	(10.2%)
10th/[458,575]	9.51	9.97	9.88	9.79	10.14	10.19	10.11	10.07	9.97	10.37	(13.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution