Student Growth Percentile Goodness–of–Fit Descriptives
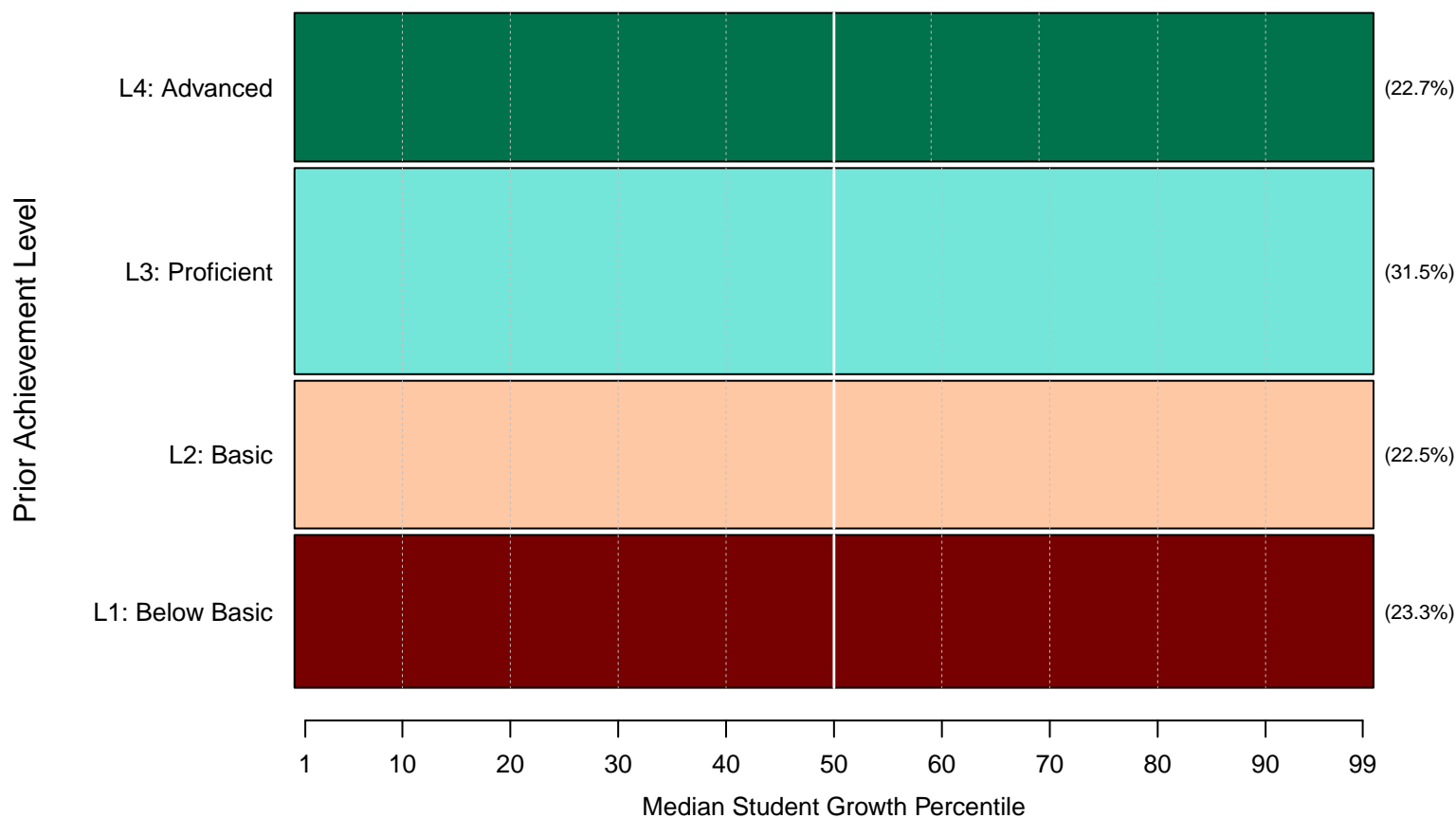
2010–2011 Mathematics SGP, Grade 6 (N = 72,027)

SGP Deciles by Prior Achievement Level

Prior Achievement Level: L4: Advanced (22.7%), L3: Proficient (31.5%), L2: Basic (22.5%), L1: Below Basic (23.3%) — 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/[200,347)	10.25	10.27	10.35	10.02	10.02	9.75	9.46	9.66	9.90	10.32	(8.2%)
2nd/[347,363)	9.47	10.28	9.78	10.28	9.65	9.89	10.07	10.17	9.80	10.61	(8.6%)
3rd/[363,377)	9.38	9.94	9.98	9.39	10.22	9.95	10.42	10.07	10.09	10.56	(9.9%)
4th/[377,391)	9.15	9.53	10.16	10.15	10.28	9.68	10.10	10.30	10.45	10.20	(11%)
5th/[391,400)	9.83	10.10	10.19	10.22	9.57	9.88	9.44	9.83	10.12	10.83	(8.1%)
6th/[400,414)	9.26	10.62	9.85	9.65	10.25	9.98	10.33	9.96	9.35	10.75	(13.1%)
7th/[414,424)	9.78	9.19	9.93	10.20	10.32	10.46	10.32	9.64	10.45	9.70	(9.1%)
8th/[424,440)	8.77	10.11	9.83	9.96	9.74	9.48	9.90	10.72	10.60	10.90	(9.2%)
9th/[440,457)	9.92	10.39	10.36	9.88	9.76	10.13	10.02	9.85	9.62	10.07	(12.3%)
10th/[457,575]	9.46	9.53	9.75	10.15	10.41	10.25	10.05	9.79	10.15	10.46	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution — Empirical SGP Distribution