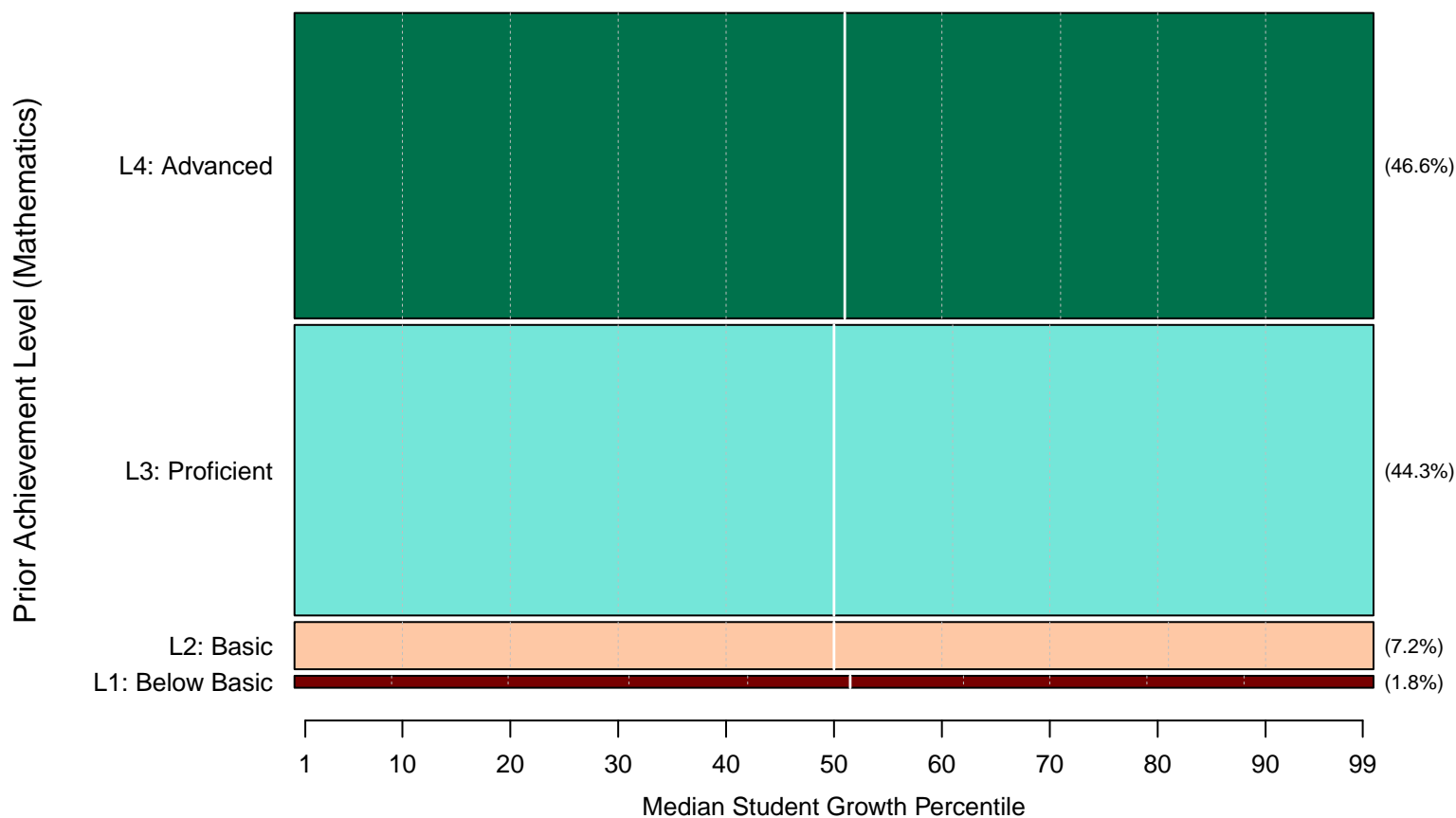# Student Growth Percentile Goodness–of–Fit Descriptives

2011–2012 Eoc Mathematics 2 SGP, Grade EOCT (N = 19,175)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- L4: Advanced (46.6%)
- L3: Proficient (44.3%)
- L2: Basic (7.2%)
- L1: Below Basic (1.8%)

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/[293,400)	9.47	9.93	9.93	9.82	9.58	10.33	10.16	10.28	10.05	10.45	(9%)
2nd/[400,411)	9.48	10.29	9.07	9.94	10.29	9.94	9.94	9.94	10.87	10.23	(9%)
3rd/[411,421)	8.85	10.32	10.49	9.42	9.19	9.53	9.70	9.98	10.21	12.31	(9.2%)
4th/[421,431)	9.66	9.31	9.57	10.05	9.88	9.53	11.58	9.57	10.31	10.53	(11.9%)
5th/[431,437)	9.43	9.73	10.03	10.48	11.09	10.63	8.30	10.56	10.03	9.73	(6.9%)
6th/[437,444)	9.81	9.95	11.23	9.52	8.60	10.23	10.80	10.38	10.16	9.31	(7.3%)
7th/[444,457)	9.31	10.32	9.93	9.51	9.73	10.32	9.31	9.87	10.26	11.44	(15.9%)
8th/[457,465)	9.62	9.83	10.04	9.90	10.54	8.48	10.75	10.19	8.90	11.75	(7.3%)
9th/[465,486)	8.94	9.89	9.64	10.30	10.30	10.18	10.38	10.01	10.63	9.72	(12.6%)
10th/[486,575)	10.21	9.34	9.97	9.82	9.29	10.21	10.06	10.60	9.82	10.69	(10.8%)

*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