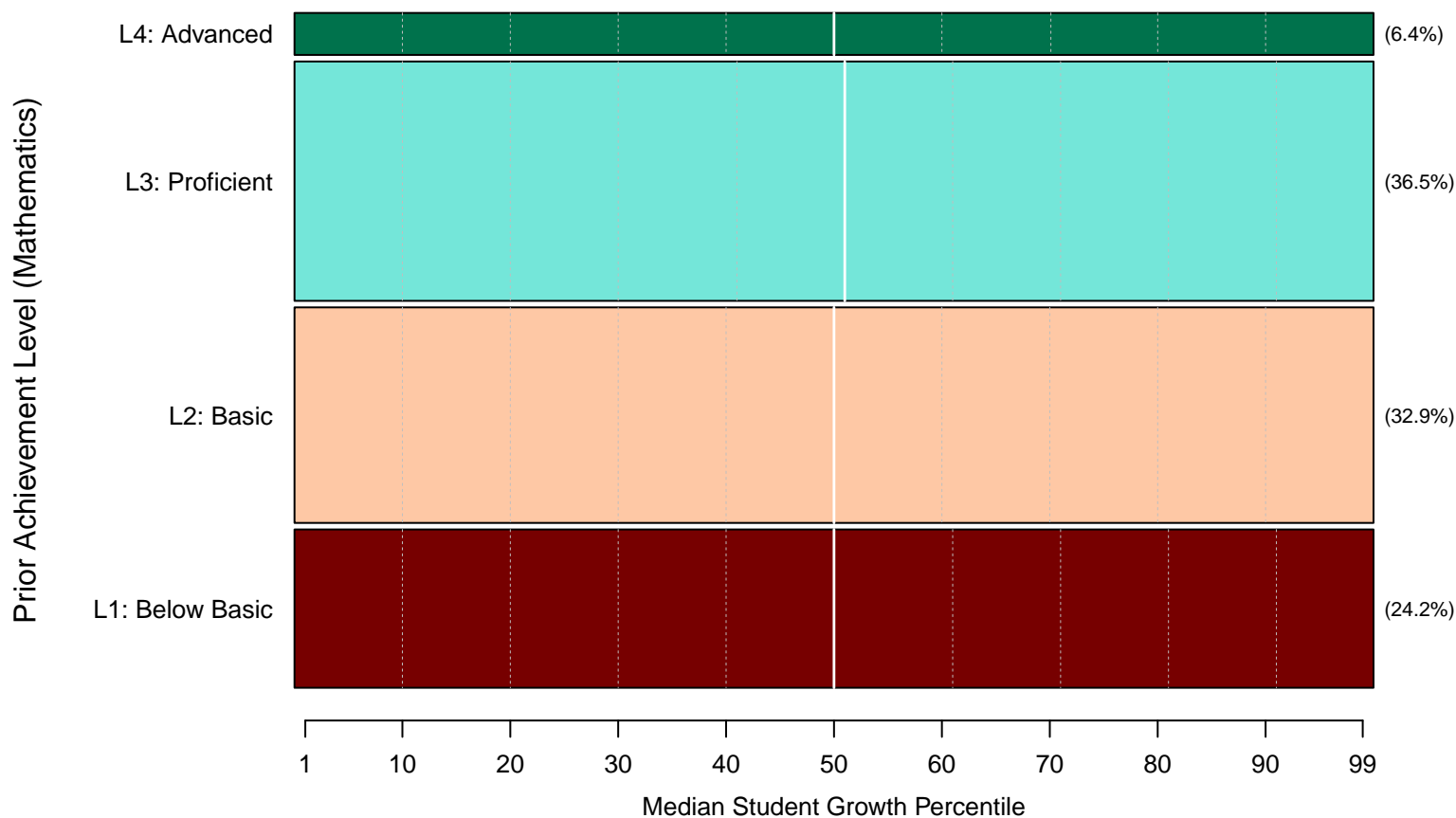# Student Growth Percentile Goodness–of–Fit Descriptives
2011–2012 Eoc Mathematics 2 SGP, Grade EOCT (N = 20,817)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- L4: Advanced (6.4%)
- L3: Proficient (36.5%)
- L2: Basic (32.9%)
- L1: Below Basic (24.2%)

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/[200,352)	9.34	10.63	9.24	9.88	10.74	10.58	9.40	9.51	9.83	10.85	(8.9%)
2nd/[352,367)	9.43	9.20	10.47	9.93	9.11	8.75	10.24	10.61	10.38	11.88	(10.6%)
3rd/[367,376)	10.30	10.55	10.15	9.45	9.80	10.10	9.90	9.50	9.85	10.40	(9.7%)
4th/[376,384)	8.98	9.07	10.06	10.33	10.24	10.11	10.38	10.02	10.29	10.51	(10.7%)
5th/[384,388)	8.47	10.44	10.78	8.98	9.67	10.69	9.58	9.67	10.44	11.29	(5.6%)
6th/[388,400)	9.77	9.85	9.85	10.15	10.64	8.90	10.35	9.60	9.77	11.10	(11.6%)
7th/[400,405)	10.53	9.66	9.88	10.45	9.88	10.23	8.78	10.31	9.70	10.58	(11%)
8th/[405,413)	8.33	9.96	9.51	9.81	8.87	10.55	9.61	10.00	11.83	11.53	(9.7%)
9th/[413,426)	9.04	9.57	10.01	9.66	10.90	9.44	10.54	10.59	9.48	10.77	(10.8%)
10th/[426,575]	9.73	10.02	10.11	9.51	10.11	10.02	9.47	9.51	10.15	11.37	(11.4%)

*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