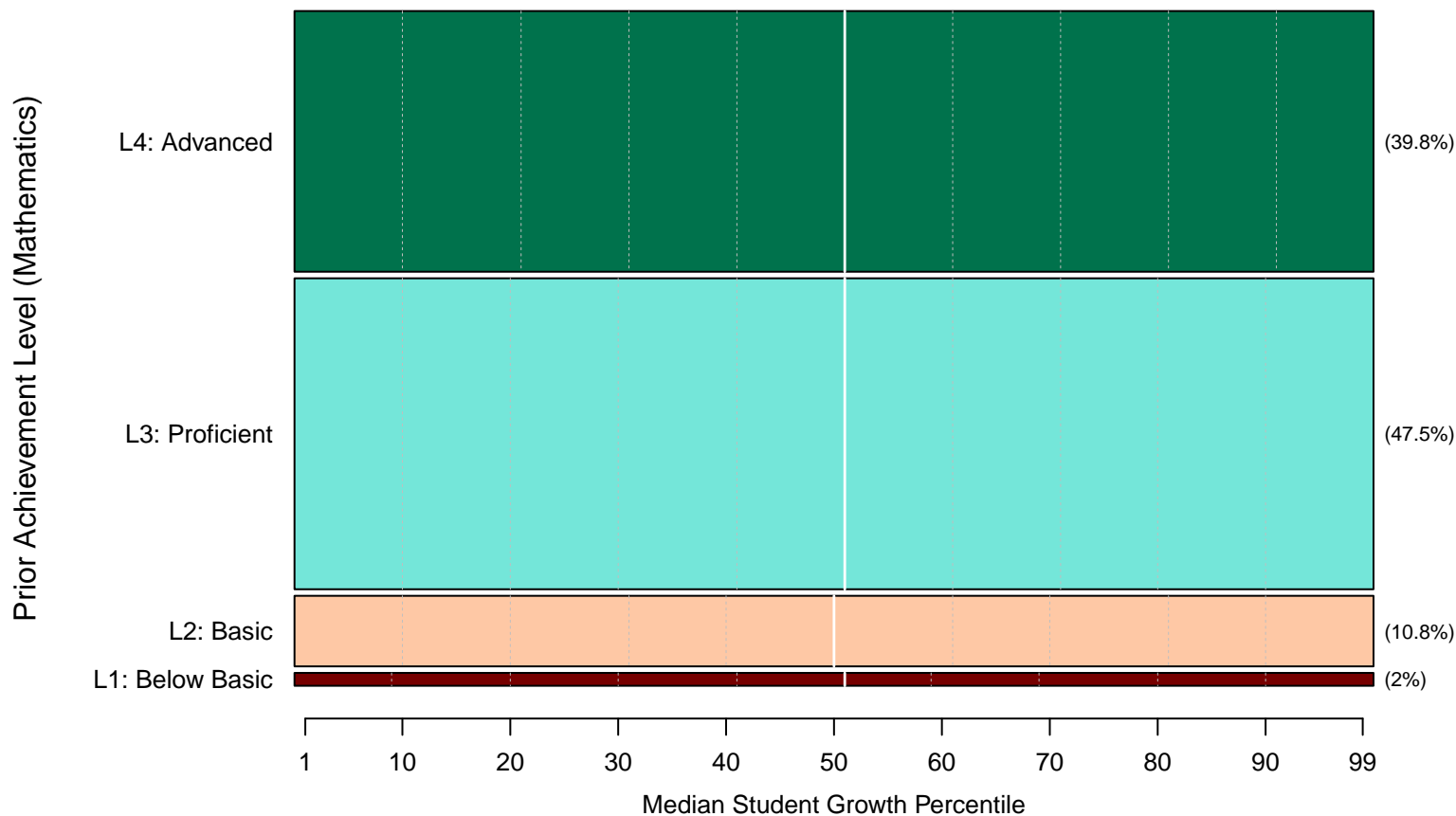# Student Growth Percentile Goodness–of–Fit Descriptives

2010–2011 Eoc Mathematics 2 SGP, Grade EOCT (N = 18,892)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- L4: Advanced (39.8%)
- L3: Proficient (47.5%)
- L2: Basic (10.8%)
- L1: Below Basic (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/[295,392)	10.30	10.08	9.37	10.47	9.32	9.64	10.30	9.59	10.03	10.90	(9.7%)
2nd/[392,401)	9.31	10.54	9.72	9.64	11.03	9.31	10.13	9.80	9.64	10.87	(6.5%)
3rd/[401,413)	9.55	8.99	10.11	9.39	9.31	10.75	10.27	9.63	10.15	11.87	(13.2%)
4th/[413,417)	8.79	8.79	10.40	8.88	9.74	11.06	9.74	10.78	11.44	10.40	(5.6%)
5th/[417,426)	9.35	10.38	9.74	10.12	10.00	9.18	10.04	10.68	9.82	10.68	(12.4%)
6th/[426,431)	9.69	10.88	10.03	8.75	10.54	10.11	10.20	9.86	9.52	10.45	(6.2%)
7th/[431,442)	9.00	10.18	9.33	10.96	9.41	9.45	11.17	9.41	9.57	11.53	(12.9%)
8th/[442,454)	9.65	9.16	9.78	9.52	10.32	9.47	9.69	10.14	11.07	11.20	(11.9%)
9th/[454,470)	9.64	9.48	10.59	9.96	9.85	9.91	9.38	10.64	10.33	10.22	(10%)
10th/[470,575]	9.30	9.39	10.08	9.53	9.53	10.64	10.22	9.58	10.08	11.65	(11.5%)

*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