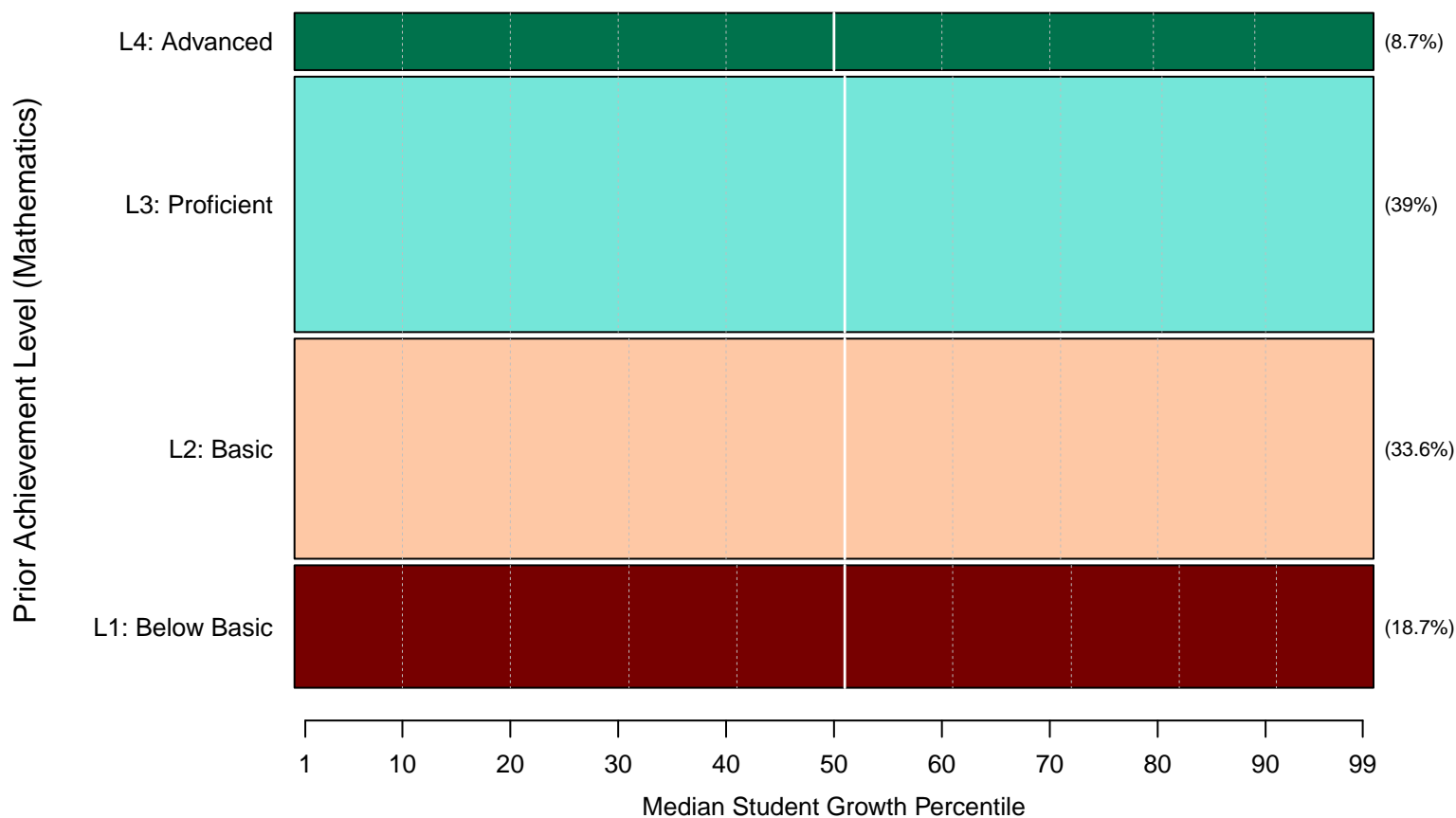# Student Growth Percentile Goodness–of–Fit Descriptives

2010–2011 Eoc Mathematics 2 SGP, Grade EOCT (N = 28,057)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
L4: Advanced	(8.7%)
L3: Proficient	(39%)
L2: Basic	(33.6%)
L1: Below Basic	(18.7%)

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/[226,361)	9.11	9.20	9.63	9.42	9.89	9.81	10.37	10.24	10.54	11.79	(8.3%)
2nd/[361,375)	9.49	10.17	9.80	9.29	10.41	9.90	9.59	9.25	10.48	11.61	(10.4%)
3rd/[375,385)	9.16	9.71	10.83	10.80	9.94	8.96	10.27	11.19	9.19	9.94	(10.9%)
4th/[385,391)	9.33	9.58	9.79	10.33	9.95	10.91	9.75	9.83	9.16	11.37	(8.6%)
5th/[391,397)	9.19	10.12	9.15	9.90	8.96	10.50	9.94	9.71	10.99	11.55	(9.5%)
6th/[397,403)	9.46	10.02	8.98	9.72	10.91	9.65	10.32	8.98	10.95	11.02	(9.6%)
7th/[403,410)	9.96	9.33	9.25	9.80	10.20	10.79	10.32	10.04	10.43	9.88	(9%)
8th/[410,419)	9.48	9.82	10.70	9.54	9.85	9.03	9.80	11.22	9.71	10.85	(12.6%)
9th/[419,430)	9.30	10.30	9.45	10.73	8.84	10.30	9.66	9.45	10.37	11.59	(10%)
10th/[430,575)	9.66	9.66	10.39	9.60	9.98	10.39	9.92	10.30	9.95	10.14	(11.2%)

*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