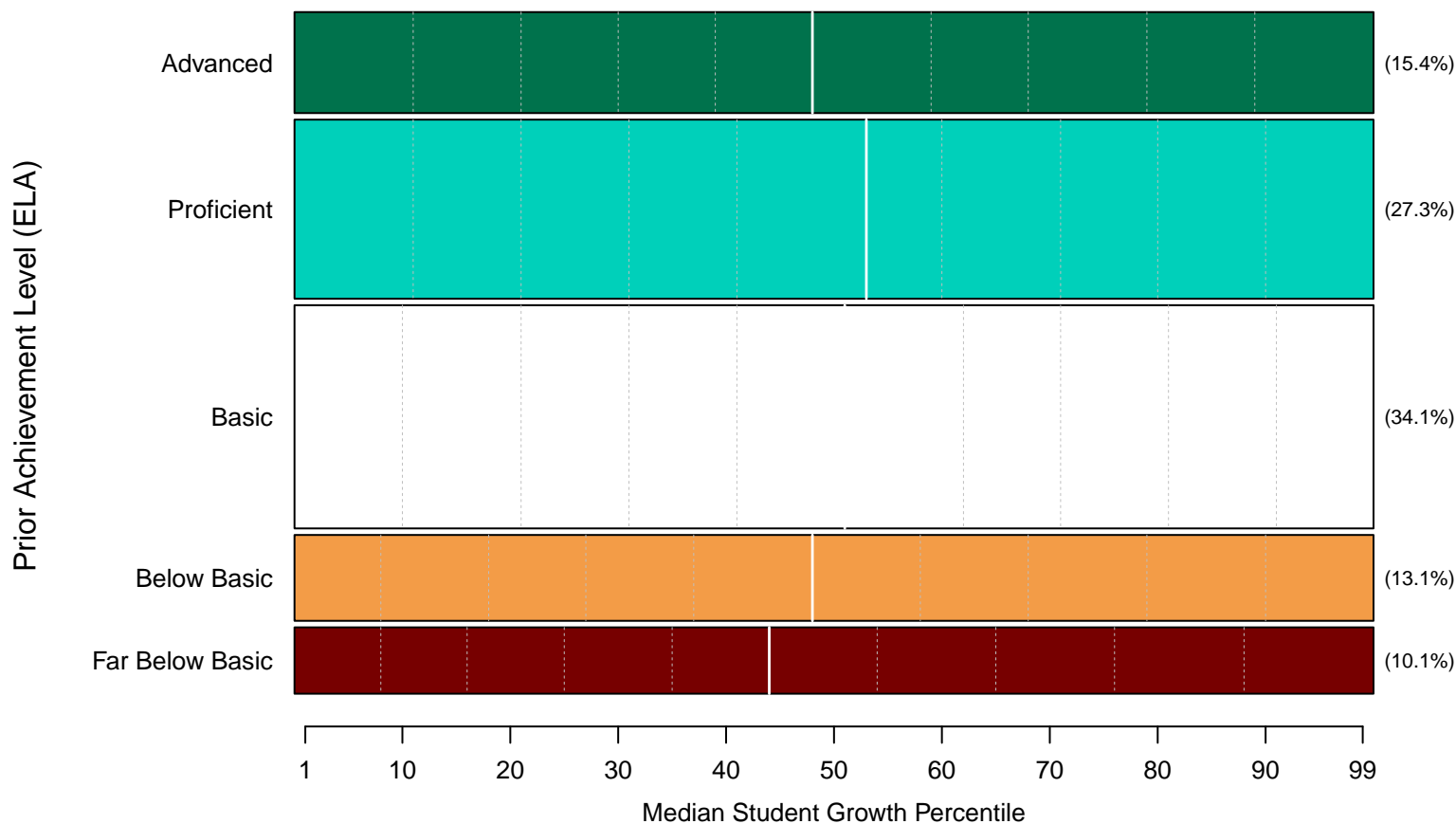# Student Growth Percentile Goodness–of–Fit Descriptives
2010 ELA SGP, Grade 6 (N = 41,377)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percent
Advanced	(15.4%)
Proficient	(27.3%)
Basic	(34.1%)
Below Basic	(13.1%)
Far Below Basic	(10.1%)

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/[194,270)	11.91	12.53	11.10	9.31	10.18	10.18	9.85	8.55	7.85	8.53	(8.9%)
2nd/[270,292)	12.08	10.92	10.66	9.99	10.12	9.11	9.75	8.07	9.29	10.01	(9.3%)
3rd/[292,311)	10.00	11.06	9.00	11.23	9.30	9.58	10.23	9.44	9.49	10.67	(10.4%)
4th/[311,326)	10.31	10.17	9.09	10.86	8.76	10.31	8.92	9.70	11.38	10.50	(10.2%)
5th/[326,339)	9.56	10.37	9.11	9.00	8.98	10.31	10.63	11.73	9.22	11.09	(9%)
6th/[339,356)	8.70	8.70	10.60	9.89	9.23	10.42	10.60	9.32	10.68	11.86	(11.9%)
7th/[356,372)	8.91	8.79	10.54	10.46	10.12	8.45	9.59	10.87	11.07	11.19	(10%)
8th/[372,389)	9.30	10.22	8.01	8.79	12.69	7.21	11.99	11.87	9.37	10.56	(10%)
9th/[389,411)	8.17	9.19	10.71	6.50	14.25	7.23	14.80	8.30	10.19	10.66	(9.2%)
10th/[411,600]	9.24	10.61	9.71	14.14	9.64	9.16	10.98	8.54	9.24	8.74	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution