Student Growth Percentile Goodness–of–Fit Descriptives
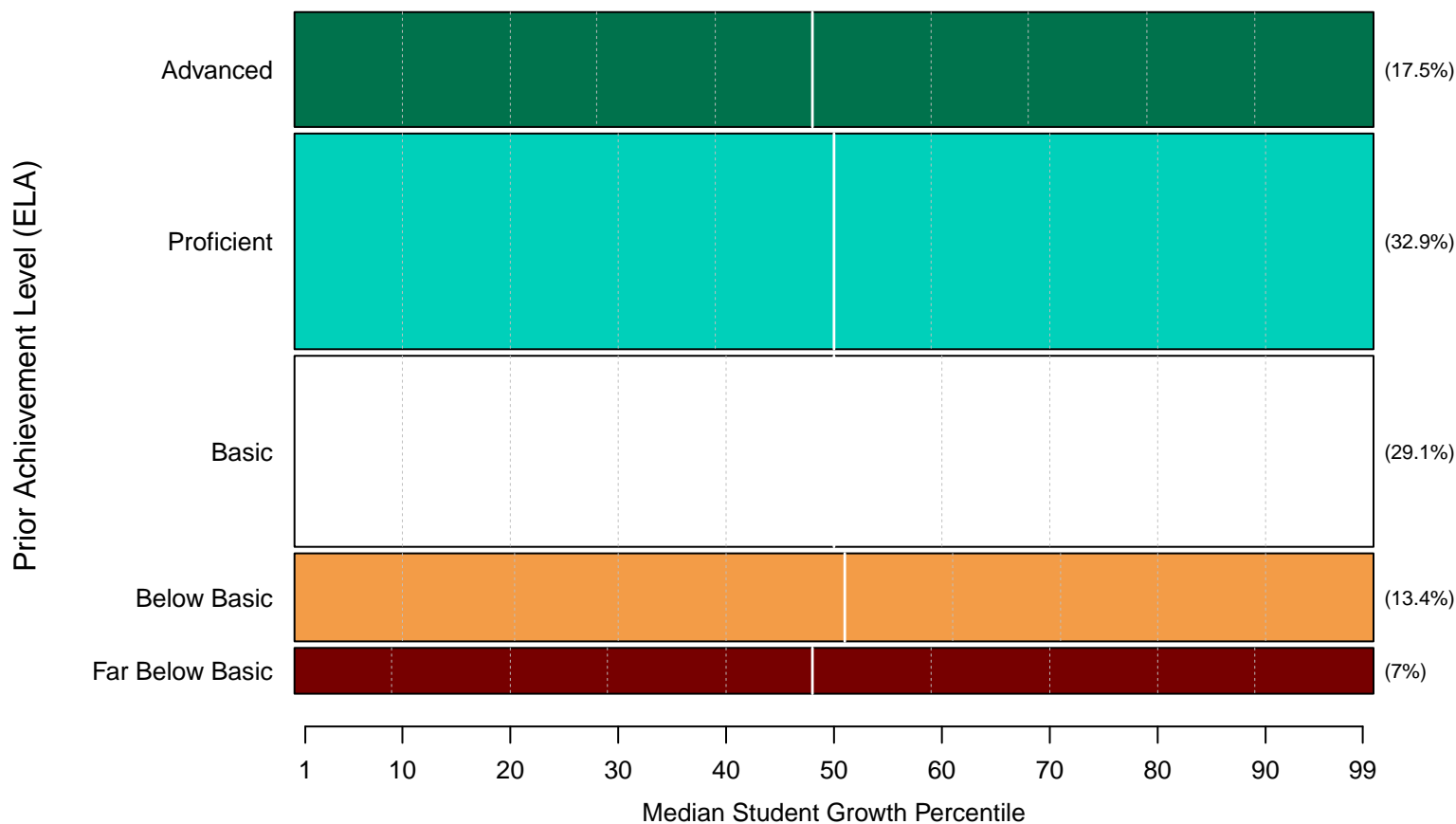## 2010 ELA SGP, Grade 3 (N = 45,159)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA):
- Advanced (17.5%)
- Proficient (32.9%)
- Basic (29.1%)
- Below Basic (13.4%)
- Far Below Basic (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/[180,271)	9.76	10.37	10.11	10.34	9.92	9.94	9.97	9.76	9.36	10.48	(9.4%)
2nd/[271,296)	9.73	9.59	9.29	10.34	9.55	9.97	9.92	10.20	11.12	10.27	(9.4%)
3rd/[296,317)	9.04	9.82	11.21	9.14	10.22	10.00	10.26	10.50	9.04	10.77	(10.1%)
4th/[317,335)	9.78	10.01	10.10	10.37	9.50	9.88	9.48	9.93	10.86	10.10	(10.5%)
5th/[335,350)	9.79	9.52	9.68	10.34	10.25	9.85	9.59	10.75	9.79	10.44	(10.1%)
6th/[350,363)	9.17	10.64	11.23	8.86	9.92	10.82	11.23	9.14	8.83	10.17	(8.6%)
7th/[363,376)	9.71	10.77	9.38	9.66	11.54	9.88	7.72	9.74	10.00	11.61	(9.2%)
8th/[376,399)	9.78	9.52	9.85	11.18	9.02	10.17	9.40	10.75	10.48	9.85	(12.3%)
9th/[399,420)	9.28	10.58	9.73	11.99	6.59	12.92	9.68	8.48	10.90	9.86	(8.3%)
10th/[420,600]	9.89	9.78	11.93	10.50	9.22	9.65	9.59	11.18	8.78	9.48	(12%)

*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