Student Growth Percentile Goodness–of–Fit Descriptives
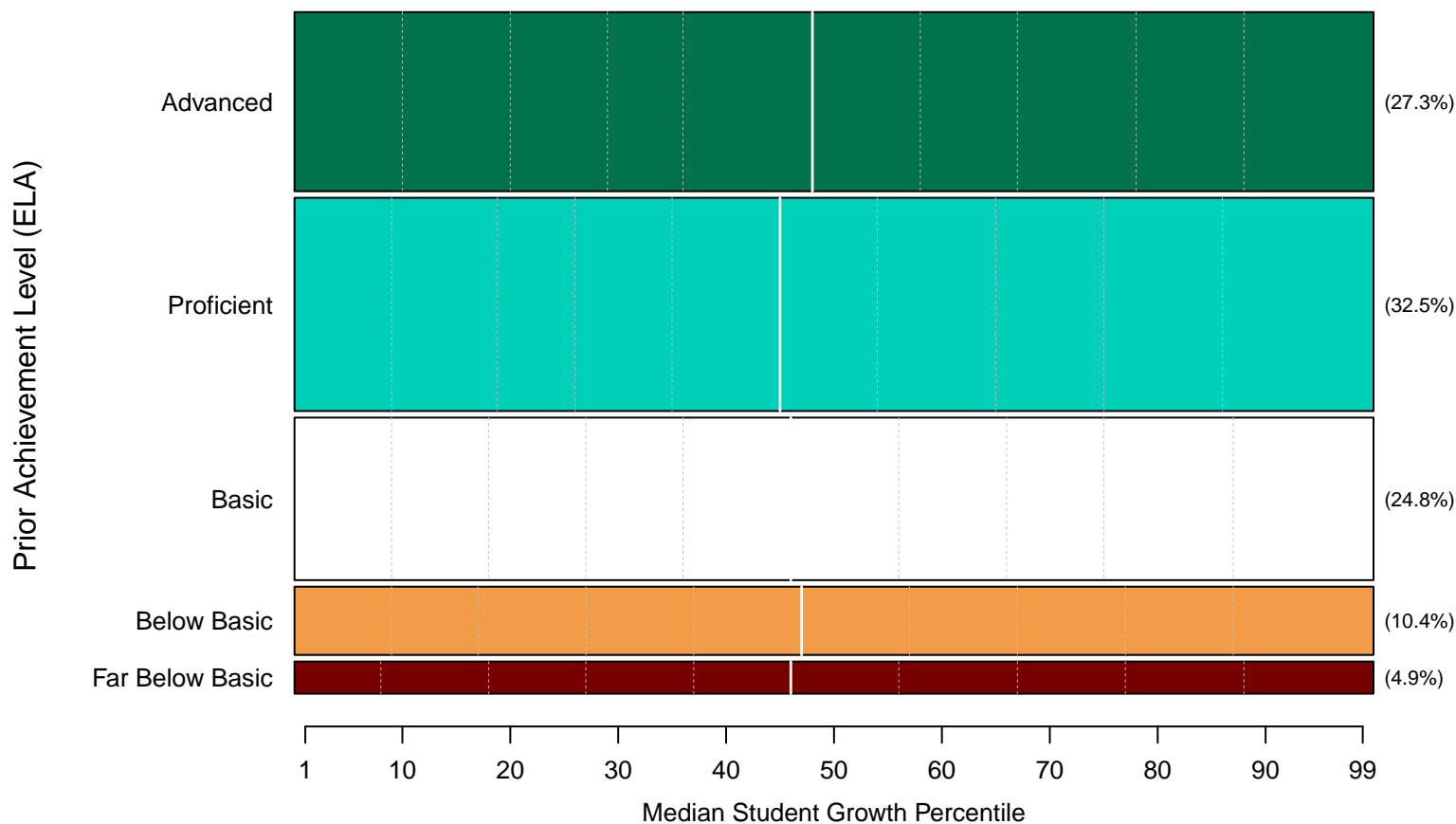## 2013 ELA SGP, Grade 3 (N = 42,079)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Level	Percentage
Advanced	(27.3%)
Proficient	(32.5%)
Basic	(24.8%)
Below Basic	(10.4%)
Far Below Basic	(4.9%)

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/[150,283)	11.68	10.85	10.27	10.08	10.88	10.27	9.16	9.57	8.82	8.43	(9.8%)
2nd/[283,311)	10.55	11.11	9.81	10.89	10.50	9.40	10.60	9.96	9.35	7.83	(9.7%)
3rd/[311,331)	11.11	10.51	10.70	10.97	10.39	10.85	9.25	8.67	9.41	8.12	(9.9%)
4th/[331,346)	10.18	10.98	11.96	10.29	9.32	11.76	9.37	10.55	8.68	6.90	(8.3%)
5th/[346,362)	9.59	11.49	12.48	9.69	9.76	10.91	10.42	9.66	8.23	7.76	(10.1%)
6th/[362,380)	10.84	12.10	9.36	11.41	11.45	10.17	10.84	7.72	8.71	7.40	(11.7%)
7th/[380,396)	9.61	12.67	9.19	12.00	12.10	9.76	7.66	9.46	9.02	8.53	(9.6%)
8th/[396,415)	10.88	9.43	10.74	10.51	13.55	7.98	8.68	11.51	8.38	8.35	(10.2%)
9th/[415,443)	9.84	11.05	12.81	7.54	10.42	11.53	11.29	8.08	8.44	8.99	(9.8%)
10th/[443,600]	8.60	10.58	11.42	9.37	11.29	11.07	9.39	10.01	9.57	8.71	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution