Student Growth Percentile Goodness–of–Fit Descriptives
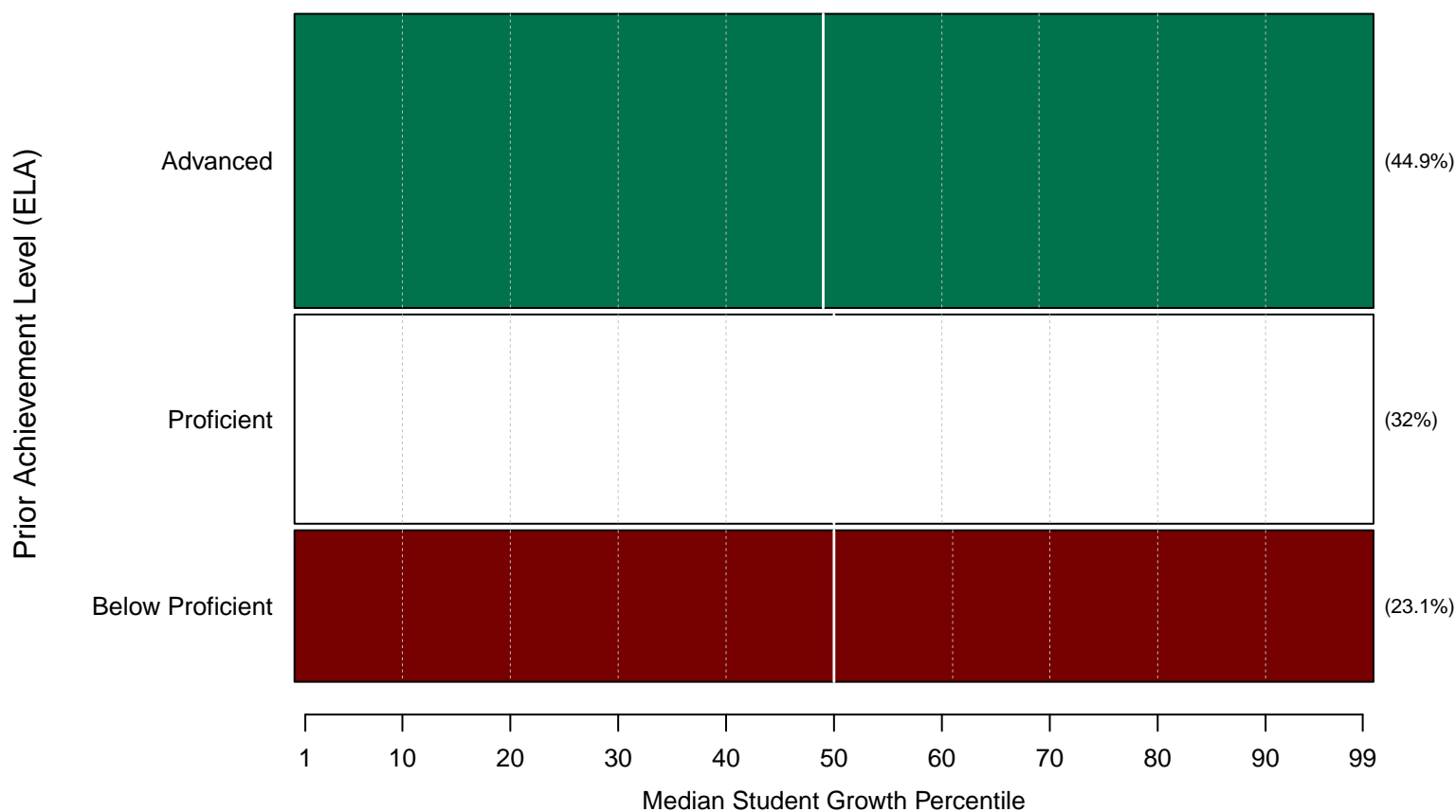## 2011 ELA SGP, Grade 5 (N = 42,609)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Advanced	(44.9%)
Proficient	(32%)
Below Proficient	(23.1%)

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/[130,154)	9.85	10.04	10.26	9.88	9.68	9.88	9.96	10.29	9.93	10.23	(8.5%)
2nd/[154,159)	9.18	9.99	9.64	9.55	10.49	9.41	10.52	10.06	10.38	10.79	(10.2%)
3rd/[159,162)	9.83	10.22	10.15	11.17	10.20	10.34	8.96	9.45	8.94	10.73	(9.7%)
4th/[162,164)	9.40	9.93	10.37	10.12	10.12	9.88	10.08	9.81	9.47	10.83	(9.7%)
5th/[164,166)	9.40	9.76	10.68	9.49	9.13	9.97	9.67	10.98	10.12	10.80	(7.9%)
6th/[166,168)	9.12	10.27	8.89	9.74	9.63	10.68	10.97	10.61	10.48	9.61	(9.2%)
7th/[168,171)	9.98	10.00	9.98	10.41	10.57	8.61	10.73	8.52	11.75	9.45	(10.3%)
8th/[171,174)	9.78	9.55	10.61	10.00	9.70	10.53	9.61	10.64	9.14	10.44	(11%)
9th/[174,179)	9.36	10.24	8.91	10.67	10.70	11.34	8.59	11.00	7.80	11.38	(10.9%)
10th/[179,199]	9.76	9.96	11.13	9.43	10.13	8.61	11.54	9.11	10.85	9.46	(12.7%)

*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