Student Growth Percentile Goodness–of–Fit Descriptives
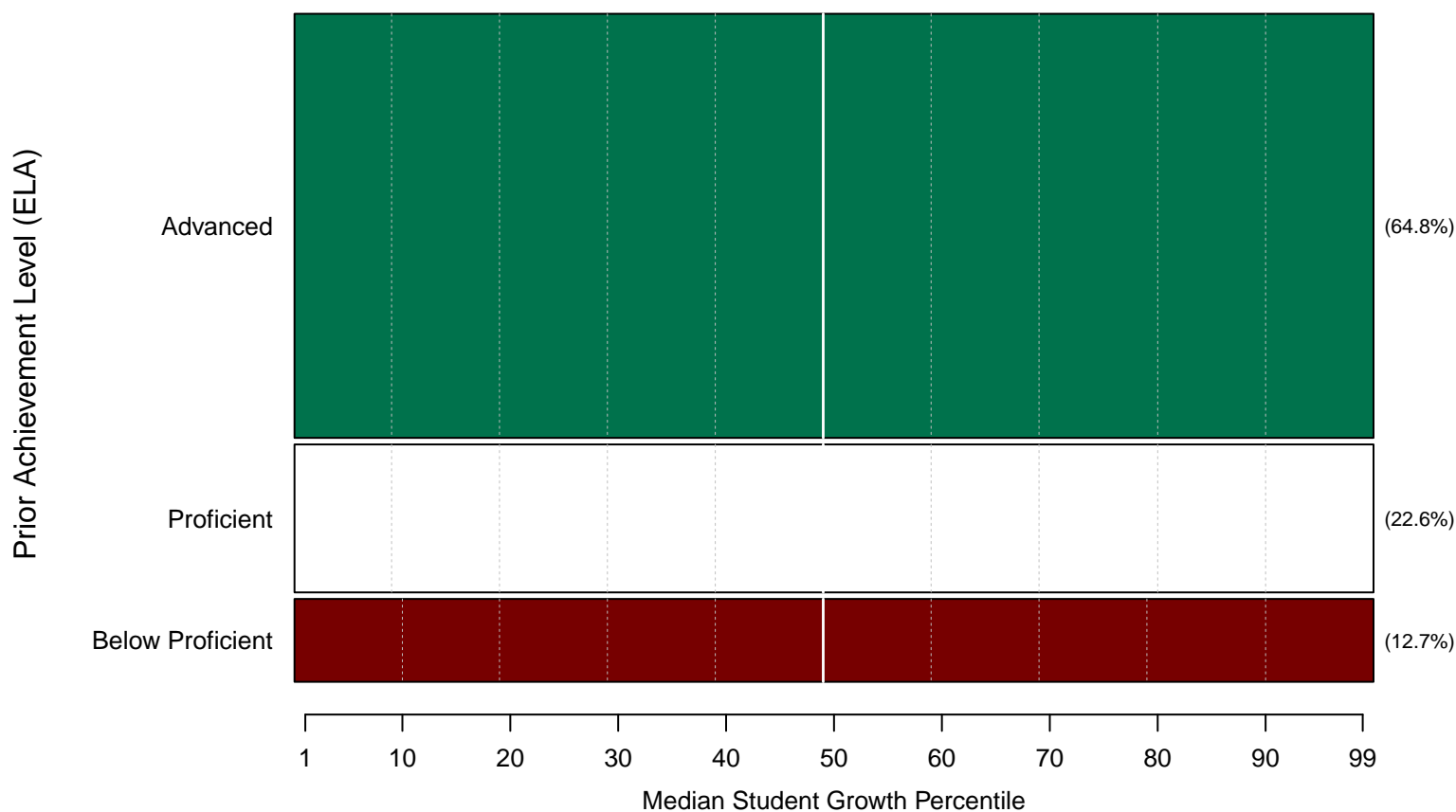## 2011 ELA SGP, Grade 9 (N = 37,111)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (64.8%)
- Proficient (22.6%)
- Below Proficient (12.7%)

Median Student Growth Percentile

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/[130,158)	9.64	10.69	10.18	10.60	9.85	10.27	9.37	9.67	9.49	10.21	(9%)
2nd/[158,163)	10.39	10.24	9.96	9.71	10.09	9.79	10.57	9.96	9.56	9.71	(10.7%)
3rd/[163,166)	10.98	9.69	9.86	10.13	10.88	9.45	9.52	8.80	10.13	10.57	(7.9%)
4th/[166,170)	10.07	10.18	9.70	10.05	9.52	9.74	10.16	10.18	10.16	10.23	(12.3%)
5th/[170,171)	11.27	10.21	10.56	9.19	10.01	10.26	9.24	10.16	9.24	9.85	(5.3%)
6th/[171,174)	10.79	9.98	9.33	9.68	9.31	10.46	9.74	9.83	9.98	10.89	(12.4%)
7th/[174,176)	9.87	9.33	10.80	10.22	11.19	9.72	10.03	9.56	9.10	10.18	(7%)
8th/[176,178)	10.88	9.88	10.16	9.88	10.15	8.98	10.39	9.64	10.60	9.45	(14.3%)
9th/[178,181)	10.73	9.35	9.23	9.98	10.54	10.73	8.88	10.93	9.27	10.34	(6.8%)
10th/[181,199]	10.39	10.09	10.07	10.09	9.60	10.11	9.92	9.45	9.85	10.43	(14.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution