Student Growth Percentile Goodness–of–Fit Descriptives
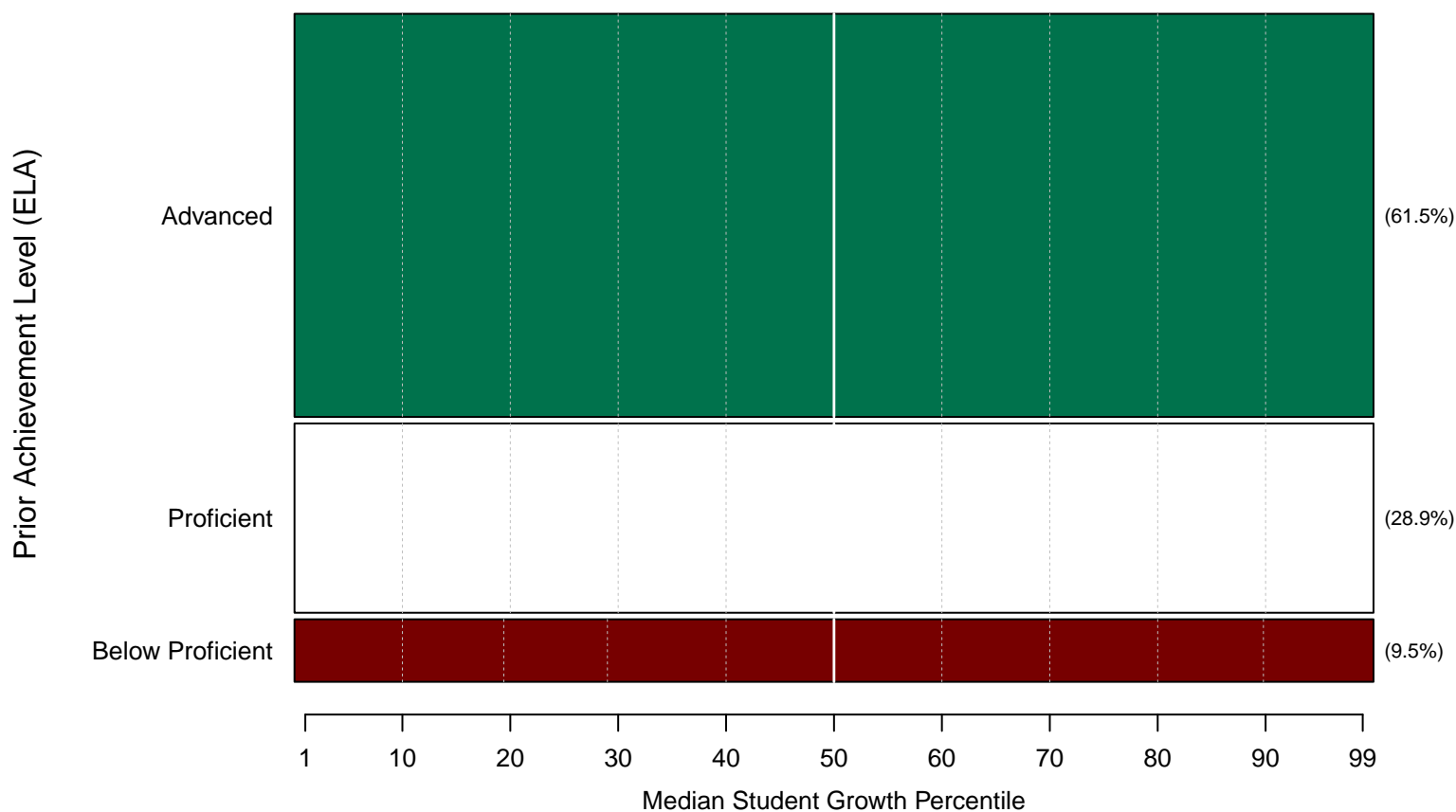
2013 ELA SGP, Grade 11 (N = 33,144)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (61.5%)
- Proficient (28.9%)
- Below Proficient (9.5%)

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/[130,160)	9.99	10.02	10.02	9.33	10.24	9.71	10.12	10.31	10.24	10.02	(9.5%)
2nd/[160,164)	10.06	9.46	10.53	10.29	10.16	10.06	10.36	9.83	8.49	10.76	(9.1%)
3rd/[164,167)	9.48	10.39	10.17	10.07	10.48	8.91	9.85	9.66	9.70	11.30	(9.6%)
4th/[167,169)	9.58	10.41	9.43	9.43	10.14	10.85	9.23	9.82	10.61	10.50	(10.2%)
5th/[169,171)	11.42	8.80	9.75	9.61	9.65	9.68	10.54	10.67	10.30	9.58	(8.8%)
6th/[171,173)	9.54	9.77	10.41	10.24	10.53	9.95	9.51	9.63	9.54	10.87	(10.4%)
7th/[173,175)	9.32	10.56	9.54	10.54	9.92	9.32	9.82	9.69	10.21	11.09	(12.1%)
8th/[175,177)	9.43	10.72	9.74	10.18	10.00	10.27	9.16	10.94	9.60	9.96	(6.8%)
9th/[177,183)	9.42	9.40	9.91	10.40	9.52	9.79	10.90	9.68	10.33	10.65	(13.1%)
10th/[183,199]	9.69	10.13	10.24	9.77	9.72	10.04	9.48	10.51	9.77	10.65	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution