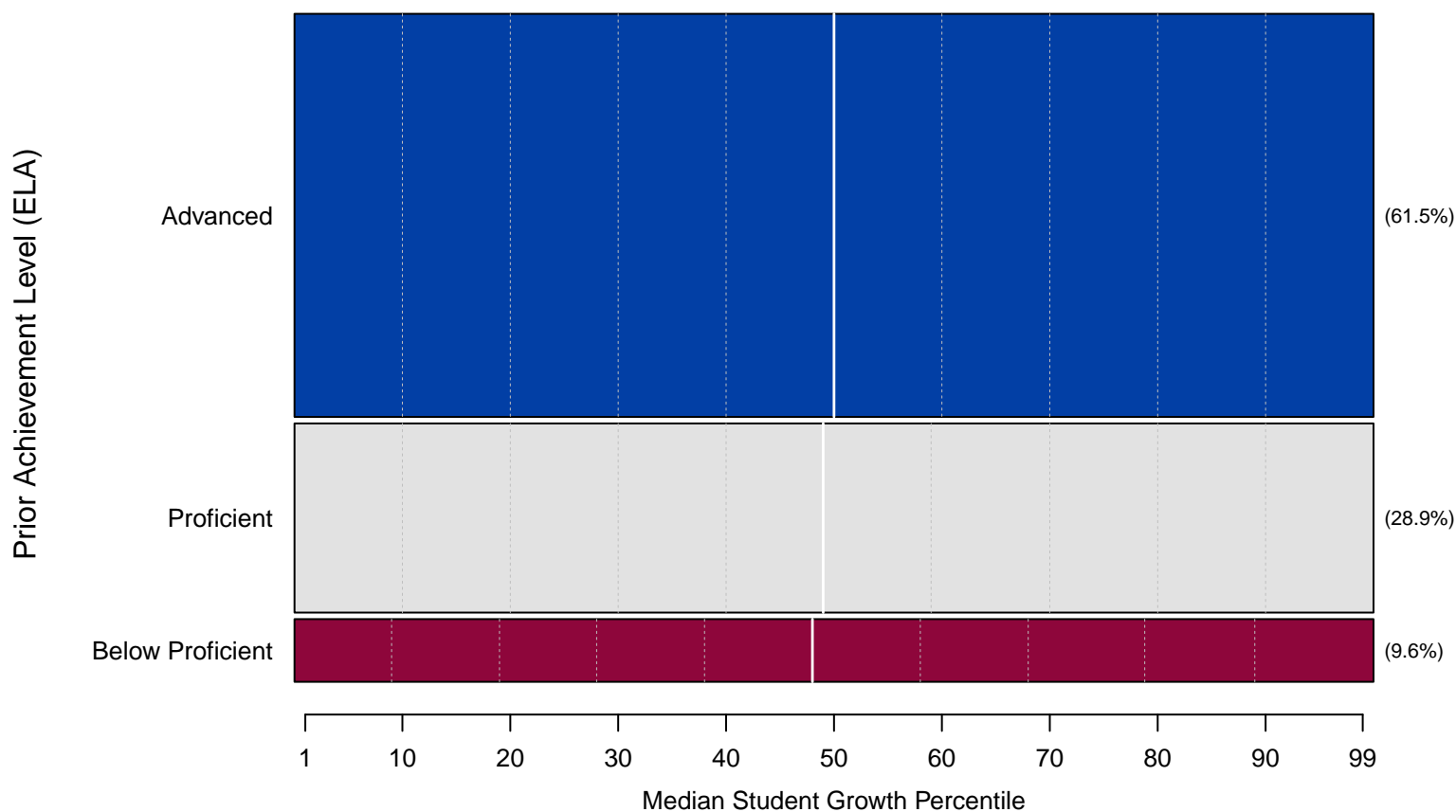# Student Growth Percentile Goodness–of–Fit Descriptives
2014 ELA SGP, Grade 11 (N = 31,517)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (61.5%)
- Proficient (28.9%)
- Below Proficient (9.6%)

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)	10.21	10.61	10.47	10.04	10.54	9.78	9.74	9.45	9.84	9.31	(9.6%)
2nd/[160,164)	10.12	10.22	9.76	10.19	10.02	9.99	9.89	9.33	10.12	10.36	(9.6%)
3rd/[164,166)	9.42	9.42	10.76	9.79	9.66	9.58	9.95	10.35	10.31	10.76	(7.8%)
4th/[166,169)	9.93	9.82	10.20	10.15	10.54	10.12	9.79	9.73	9.85	9.87	(11.5%)
5th/[169,171)	9.97	10.53	9.87	10.30	9.18	10.27	9.90	9.74	9.94	10.30	(9.6%)
6th/[171,172)	10.26	9.54	10.42	10.42	9.54	9.93	8.83	10.64	9.11	11.30	(5.8%)
7th/[172,175)	9.11	10.32	9.77	9.90	9.95	9.72	10.66	9.90	10.56	10.12	(12.9%)
8th/[175,176)	11.15	9.29	9.68	9.63	9.77	10.15	10.25	9.20	10.44	10.44	(6.7%)
9th/[176,181)	9.61	9.42	9.65	10.84	9.98	11.00	9.38	9.75	9.63	10.74	(13.7%)
10th/[181,199]	9.69	10.03	10.13	9.84	10.06	9.59	10.40	9.69	10.20	10.38	(12.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution