Student Growth Percentile Goodness–of–Fit Descriptives
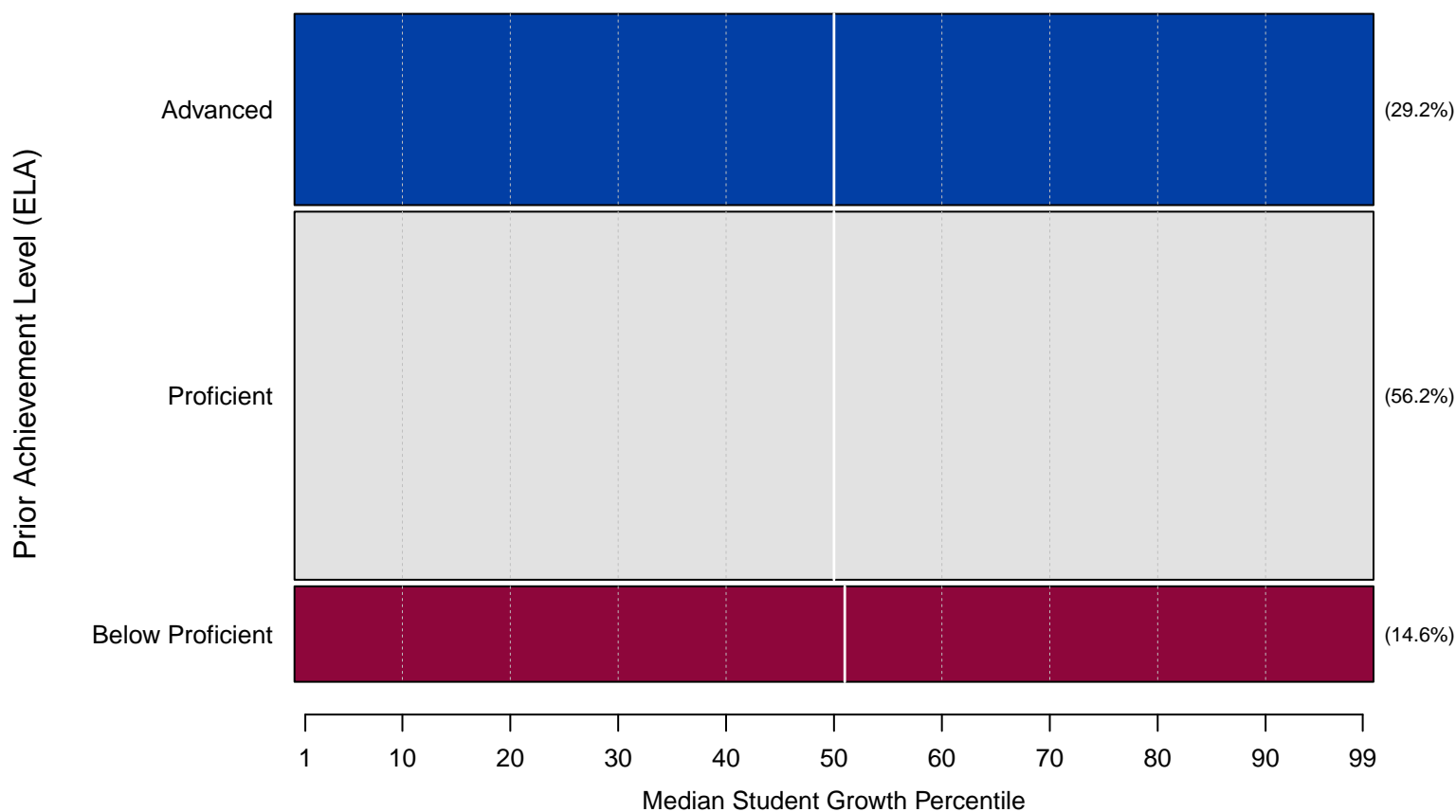## 2015 ELA SGP, Grade 11 (N = 32,846)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Advanced (29.2%)

Proficient (56.2%)

Below Proficient (14.6%)

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/[100,348)	9.51	9.82	10.09	10.31	10.15	10.15	10.18	9.57	9.94	10.28	(10%)
2nd/[348,396)	10.37	10.10	9.92	10.04	9.55	9.68	9.55	9.68	10.74	10.37	(10%)
3rd/[396,430)	9.43	10.27	9.83	9.30	9.90	10.46	10.30	10.46	9.58	10.46	(9.7%)
4th/[430,459)	9.85	10.15	10.18	10.21	10.03	9.67	9.55	9.88	10.09	10.42	(10.1%)
5th/[459,483)	9.08	9.41	9.54	10.12	9.96	9.93	9.93	10.33	10.21	11.49	(10%)
6th/[483,506)	9.06	10.23	10.20	9.86	9.71	9.74	10.54	10.11	10.05	10.51	(9.9%)
7th/[506,530)	9.66	9.48	10.00	9.75	9.82	10.18	10.06	10.94	9.75	10.36	(10%)
8th/[530,557)	9.50	10.04	9.65	10.66	9.92	9.98	9.77	9.36	10.28	10.84	(10.3%)
9th/[557,591)	9.76	10.65	10.19	9.42	9.85	9.73	10.10	10.28	9.61	10.40	(9.9%)
10th/[591,845]	9.48	9.63	10.08	10.18	9.72	10.27	9.93	9.72	10.24	10.75	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution