Student Growth Percentile Goodness–of–Fit Descriptives
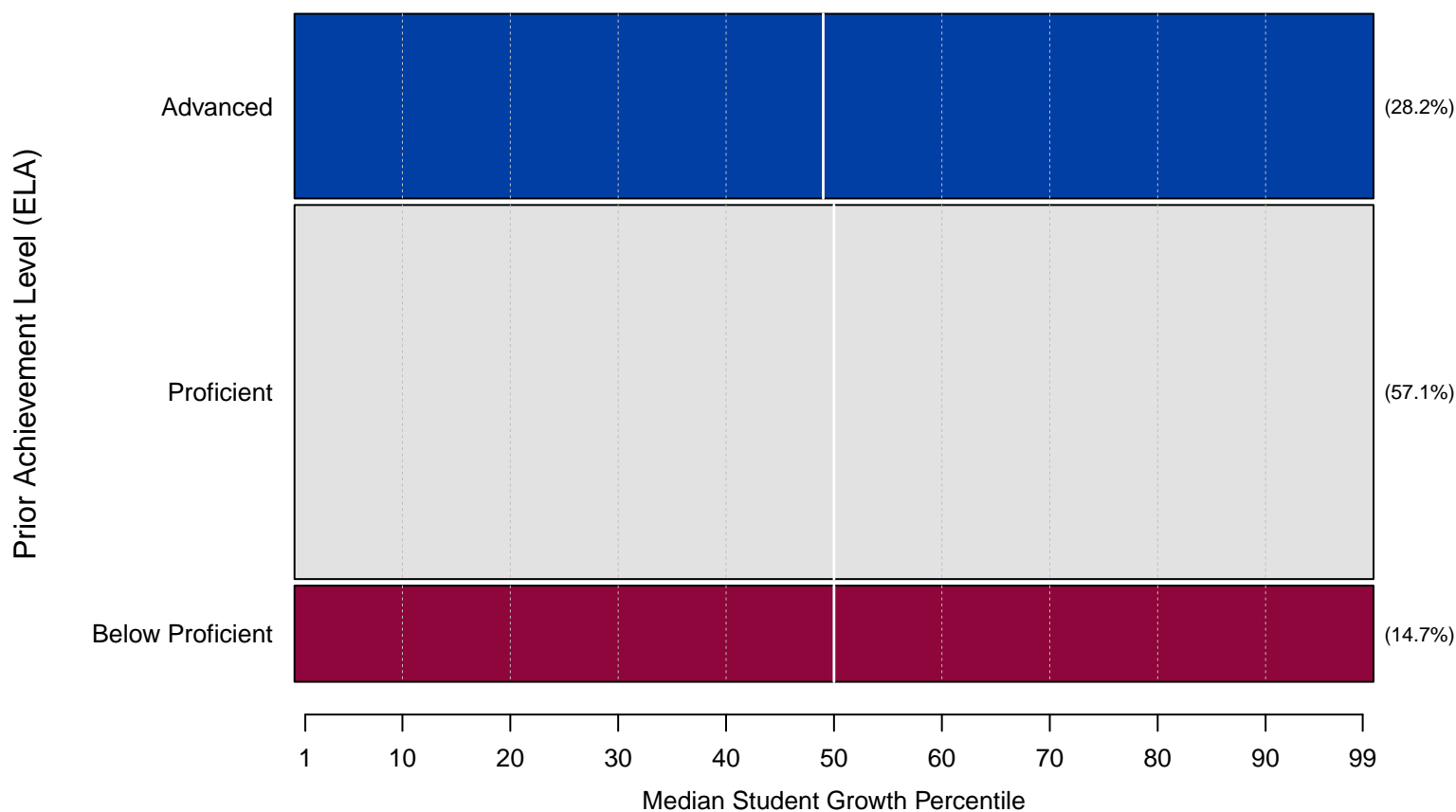## 2015 ELA SGP, Grade 5 (N = 42,568)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (28.2%)
- Proficient (57.1%)
- Below Proficient (14.7%)

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/[100,257)	9.61	10.16	10.20	9.80	10.23	10.35	9.99	9.78	9.99	9.90	(9.9%)
2nd/[257,294)	9.69	10.05	10.29	10.26	9.88	9.39	9.69	9.69	9.93	11.11	(9.9%)
3rd/[294,321)	8.80	10.17	9.49	9.89	10.05	10.54	10.05	10.61	10.29	10.10	(10.1%)
4th/[321,343)	9.79	10.42	10.03	9.74	10.22	9.52	10.13	9.54	10.10	10.52	(9.7%)
5th/[343,363)	9.68	9.25	9.91	10.22	10.12	10.07	10.17	10.00	10.07	10.50	(10%)
6th/[363,383)	9.36	10.60	10.00	10.07	9.79	10.14	9.65	10.11	9.88	10.42	(10.1%)
7th/[383,404)	9.62	9.81	9.42	9.78	9.83	10.45	10.19	9.99	10.03	10.88	(10.3%)
8th/[404,427)	9.90	9.95	10.73	10.16	10.04	9.44	10.18	9.90	9.68	10.02	(9.9%)
9th/[427,457)	9.30	9.94	9.92	10.22	10.03	10.15	9.81	9.62	10.47	10.54	(10.3%)
10th/[457,655]	9.70	10.05	9.91	9.84	9.82	10.08	10.05	10.17	9.68	10.69	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution