Student Growth Percentile Goodness–of–Fit Descriptives
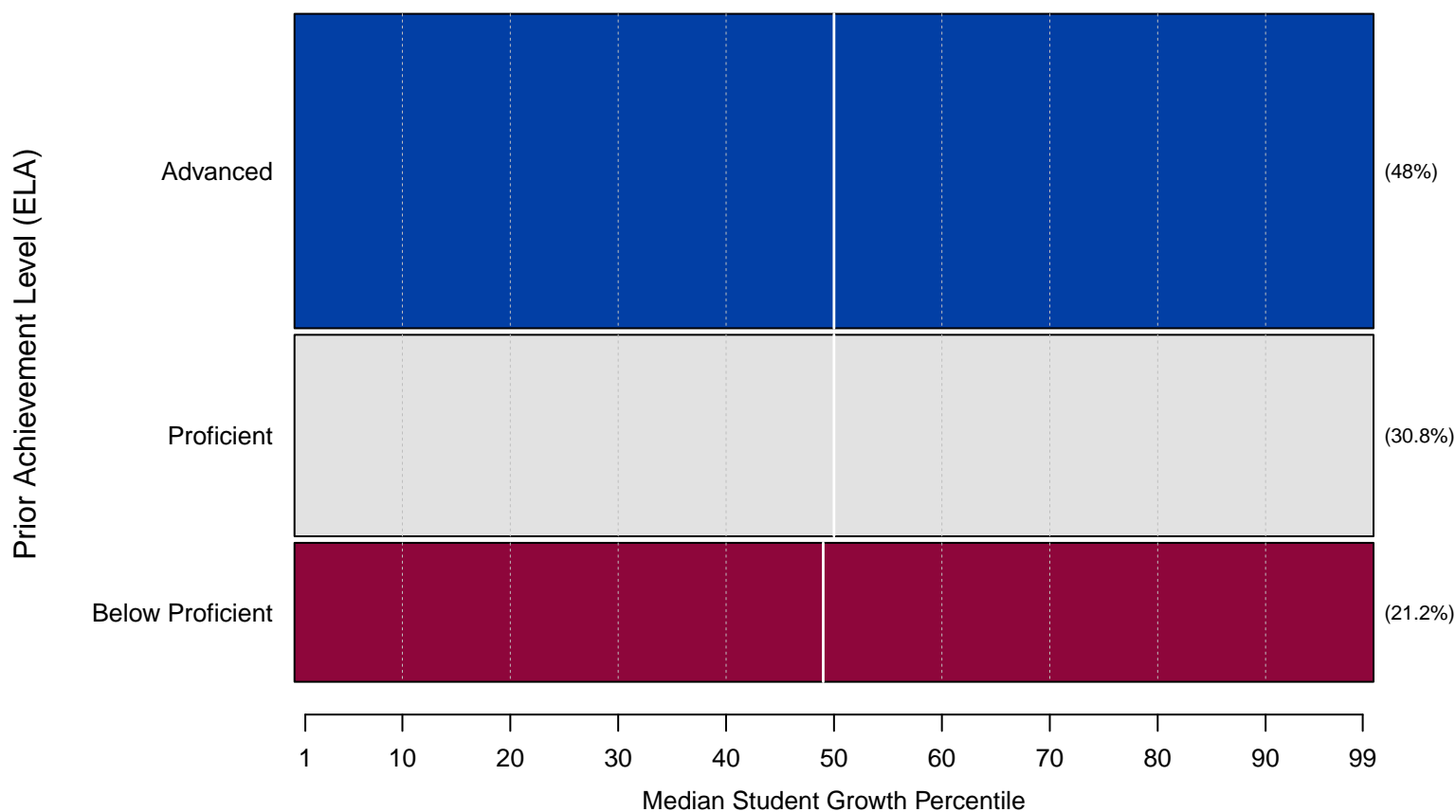## 2014 ELA SGP, Grade 5 (N = 42,366)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (48%)
- Proficient (30.8%)
- Below Proficient (21.2%)

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/[130,155)	9.79	10.39	9.89	9.99	9.74	9.94	9.59	10.24	10.07	10.37	(9.4%)
2nd/[155,159)	9.48	9.43	10.27	9.77	10.42	10.12	10.27	9.48	10.07	10.69	(9.5%)
3rd/[159,162)	9.56	10.30	9.76	10.59	9.69	9.94	10.25	9.85	10.05	10.01	(10.5%)
4th/[162,164)	9.35	9.71	10.03	9.29	9.93	9.25	10.32	10.74	10.13	11.26	(7.3%)
5th/[164,167)	9.83	10.47	10.49	9.71	10.38	10.21	9.63	9.75	9.61	9.92	(9.9%)
6th/[167,170)	9.68	9.62	10.04	10.42	9.84	10.06	9.80	9.78	10.14	10.64	(11.9%)
7th/[170,172)	9.14	9.27	9.66	10.37	10.27	10.56	10.34	9.98	9.82	10.60	(7.3%)
8th/[172,175)	9.64	11.07	9.79	9.27	9.70	9.47	10.02	10.28	10.40	10.37	(8.1%)
9th/[175,182)	9.61	9.83	10.12	10.14	9.90	10.19	9.86	9.81	9.92	10.62	(16.1%)
10th/[182,199]	9.59	10.04	10.09	9.80	10.18	9.97	9.97	9.92	9.99	10.44	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution