Student Growth Percentile Goodness–of–Fit Descriptives
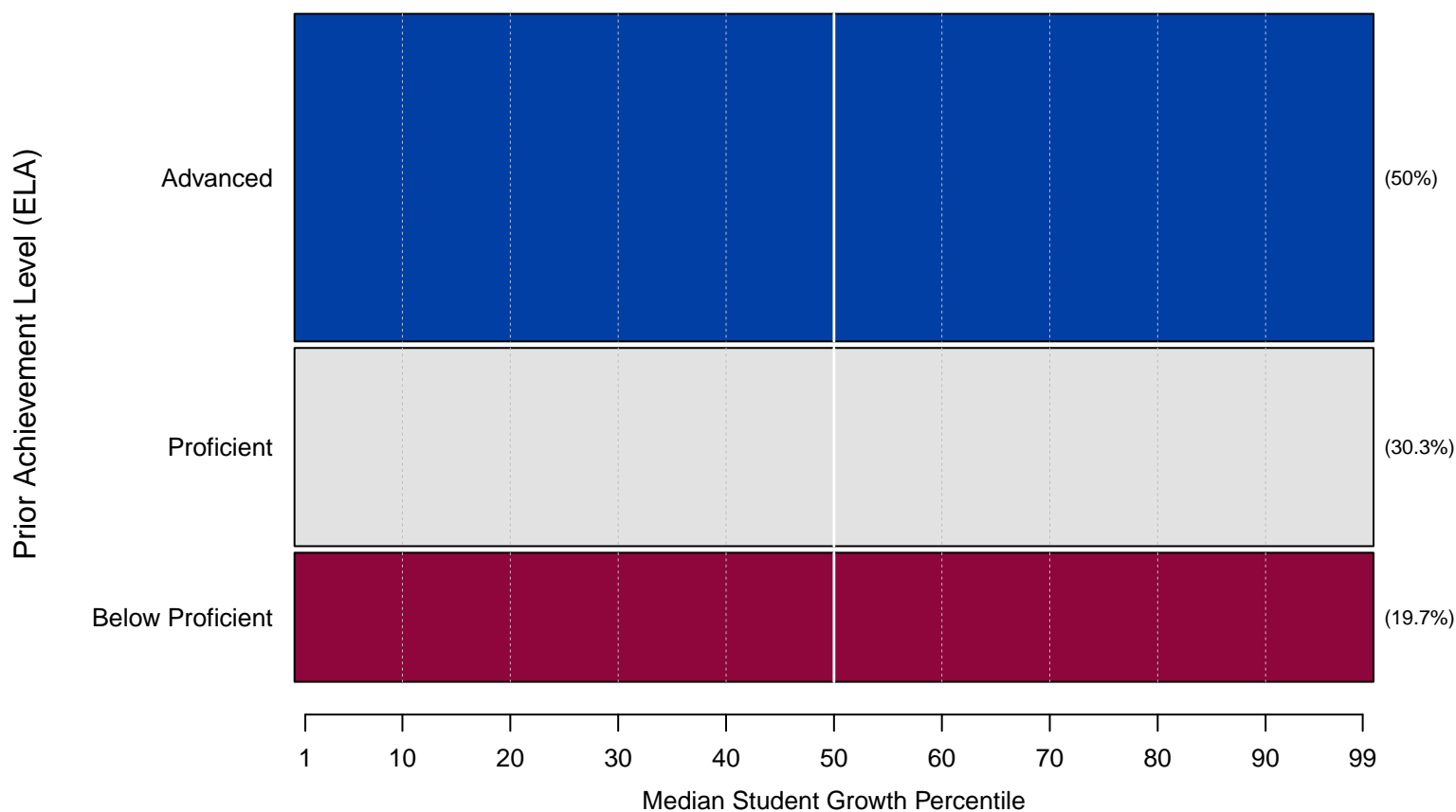## 2014 ELA SGP, Grade 4 (N = 42,288)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

Advanced	(50%)
Proficient	(30.3%)
Below Proficient	(19.7%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

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)	9.19	10.05	10.18	9.67	10.67	9.59	10.10	9.86	10.08	10.61	(8.8%)
2nd/[155,160)	9.95	10.06	9.86	10.51	9.54	10.17	9.86	9.97	9.69	10.38	(10.9%)
3rd/[160,162)	9.70	9.82	9.52	9.64	9.82	10.39	9.45	10.33	10.81	10.54	(7.9%)
4th/[162,165)	9.41	10.30	10.40	10.12	10.18	9.71	9.87	10.20	9.35	10.46	(11.7%)
5th/[165,168)	9.50	9.83	9.81	9.83	10.38	10.16	10.29	9.76	10.16	10.29	(10.7%)
6th/[168,169)	10.85	10.47	11.07	9.49	9.94	9.11	9.26	8.92	10.36	10.54	(6.3%)
7th/[169,171)	8.28	9.15	9.29	10.32	9.39	10.89	10.55	11.12	9.92	11.09	(7.1%)
8th/[171,176)	9.25	10.14	9.81	10.56	9.74	10.05	10.28	9.81	10.20	10.16	(15.8%)
9th/[176,179)	10.16	10.53	10.13	9.13	10.73	9.70	9.96	9.86	9.23	10.56	(7.1%)
10th/[179,199)	9.65	10.04	10.02	10.08	9.70	10.08	9.92	10.01	10.33	10.18	(13.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100