Student Growth Percentile Goodness–of–Fit Descriptives
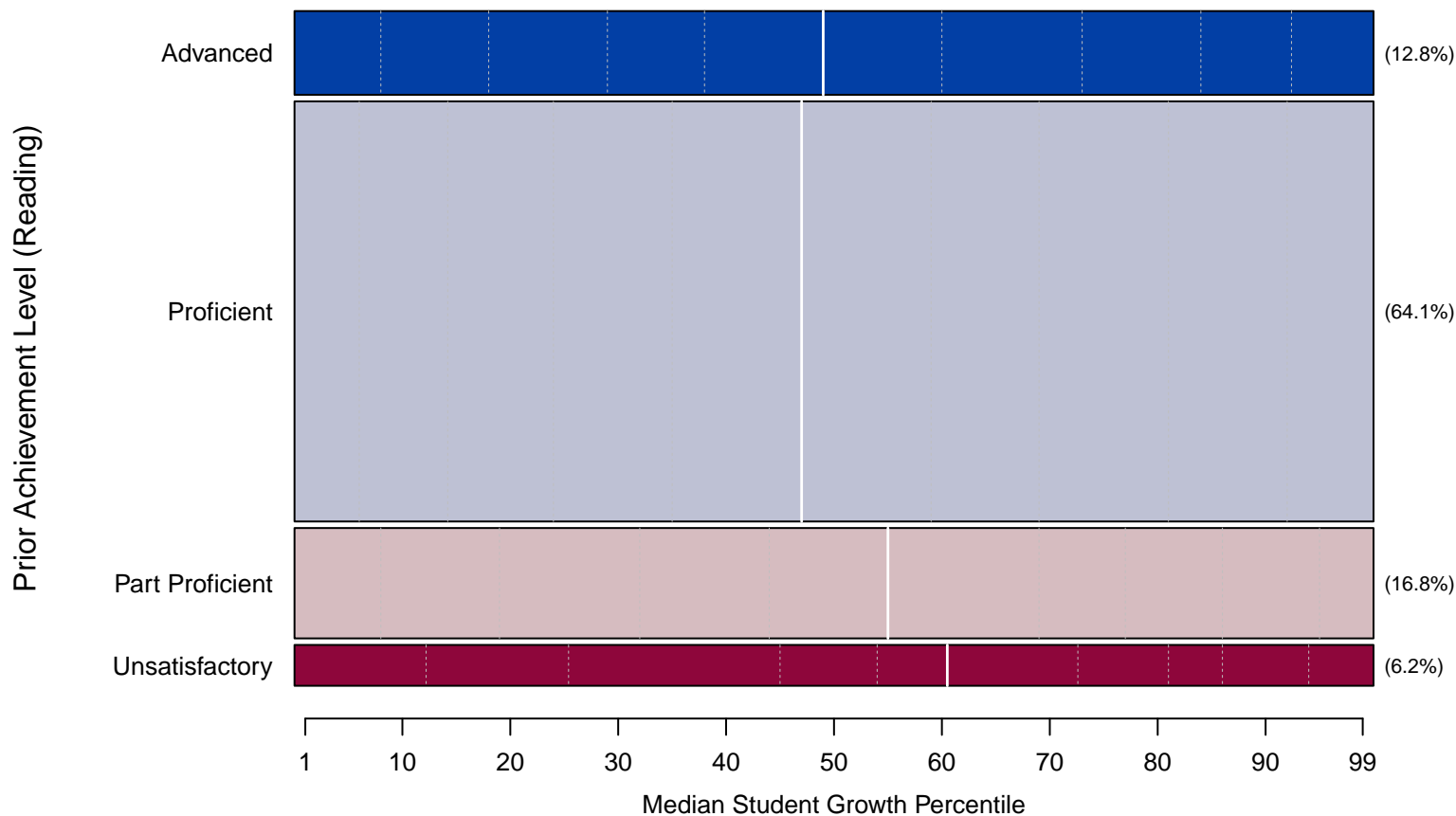## 2011–2012 Reading SGP SIMEX, Grade 7 (N = 4,042)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (12.8%)
- Proficient (64.1%)
- Part Proficient (16.8%)
- Unsatisfactory (6.2%)

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/[260,562)	9.20	9.20	6.72	5.22	8.71	9.95	7.71	11.44	15.67	16.17	(9.9%)
2nd/[562,593)	10.17	10.67	8.44	7.20	10.92	7.94	8.68	11.91	6.95	17.12	(10%)
3rd/[593,612)	10.08	7.81	10.58	6.55	9.57	8.31	8.06	9.82	14.61	14.61	(9.8%)
4th/[612,627)	11.49	11.49	9.54	10.27	8.31	8.80	8.80	8.31	10.51	12.47	(10.1%)
5th/[627,640)	11.22	13.90	10.73	9.02	8.29	9.76	7.07	10.00	7.56	12.44	(10.1%)
6th/[640,654)	20.05	8.17	9.65	7.67	7.92	6.19	10.15	8.91	9.16	12.13	(10%)
7th/[654,666)	15.09	9.72	7.67	9.21	9.72	10.49	8.70	7.93	9.21	12.28	(9.7%)
8th/[666,681)	17.96	11.47	9.23	8.23	7.73	6.48	11.22	7.48	6.48	13.72	(9.9%)
9th/[681,703)	12.80	13.29	9.18	9.42	11.11	6.76	10.63	6.28	9.66	10.87	(10.2%)
10th/[703,825]	12.65	9.49	8.27	10.22	8.76	9.25	7.79	8.52	10.95	14.11	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution