Student Growth Percentile Goodness–of–Fit Descriptives
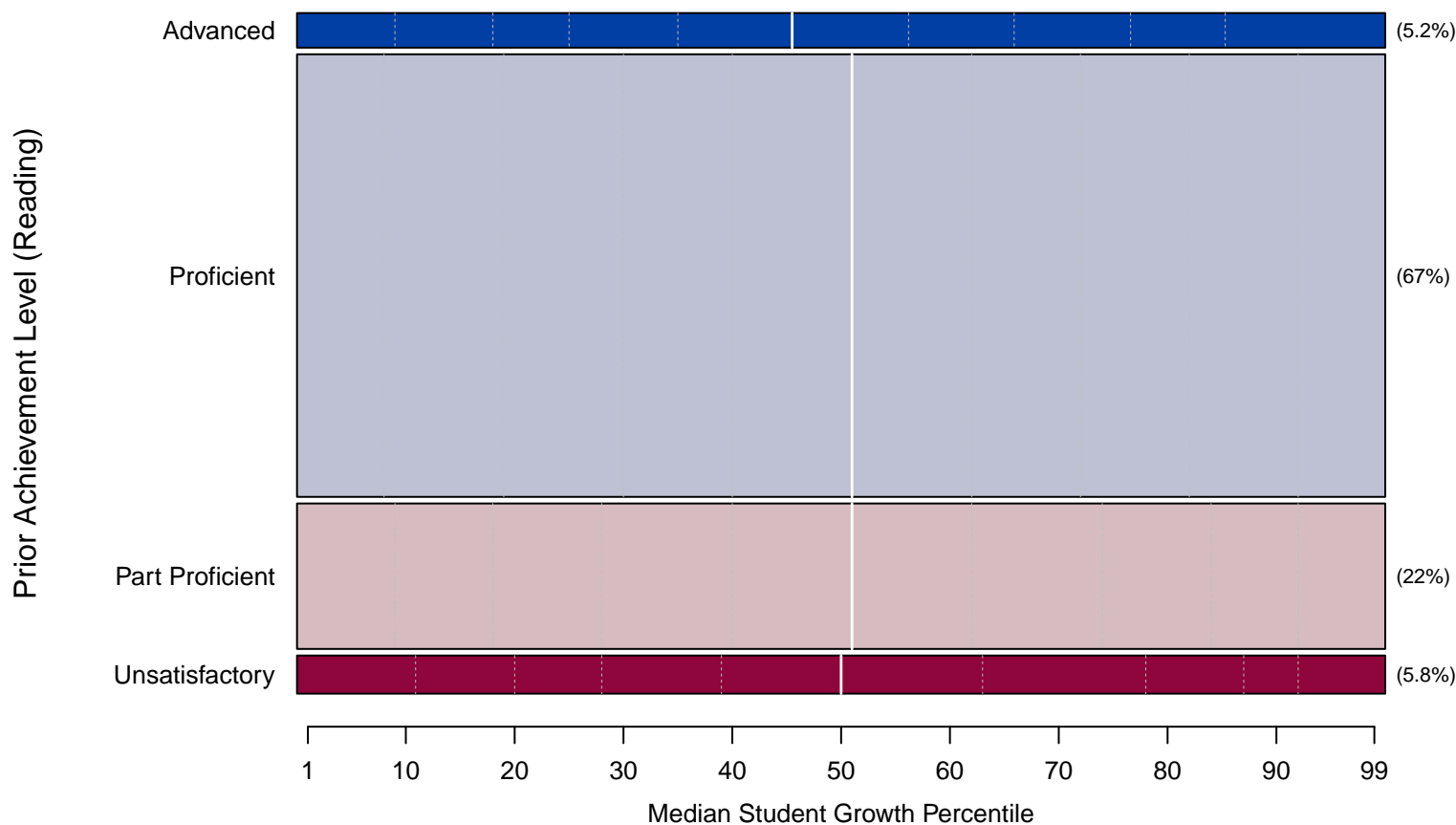## 2012–2013 Reading SGP SIMEX, Grade 5 (N = 4,161)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (5.2%)
- Proficient (67%)
- Part Proficient (22%)
- Unsatisfactory (5.8%)

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/[180,534)	8.37	8.62	11.82	8.87	9.61	9.11	6.40	8.13	13.05	16.01	(9.8%)
2nd/[534,559)	14.39	12.71	8.15	8.15	7.19	9.11	8.39	10.79	10.07	11.03	(10%)
3rd/[559,575)	7.97	10.63	11.35	5.80	11.35	9.66	8.45	9.18	11.11	14.49	(9.9%)
4th/[575,589)	9.31	10.50	11.46	7.64	7.88	7.88	8.59	10.98	9.31	16.47	(10.1%)
5th/[589,601)	9.29	9.29	7.58	10.51	8.80	8.80	11.49	9.54	11.00	13.69	(9.8%)
6th/[601,612)	12.47	9.29	6.36	10.02	10.76	8.56	11.00	9.54	8.07	13.94	(9.8%)
7th/[612,624)	12.10	8.68	7.76	10.73	8.68	8.45	10.05	13.47	9.36	10.73	(10.5%)
8th/[624,638)	9.62	8.65	7.93	10.58	9.62	8.41	11.06	9.62	11.54	12.98	(10%)
9th/[638,656)	11.63	10.89	10.64	9.90	6.68	13.86	8.42	8.42	10.15	9.41	(9.7%)
10th/[656,772]	13.99	9.79	12.82	10.02	8.62	10.02	9.09	8.86	9.79	6.99	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution