Student Growth Percentile Goodness–of–Fit Descriptives
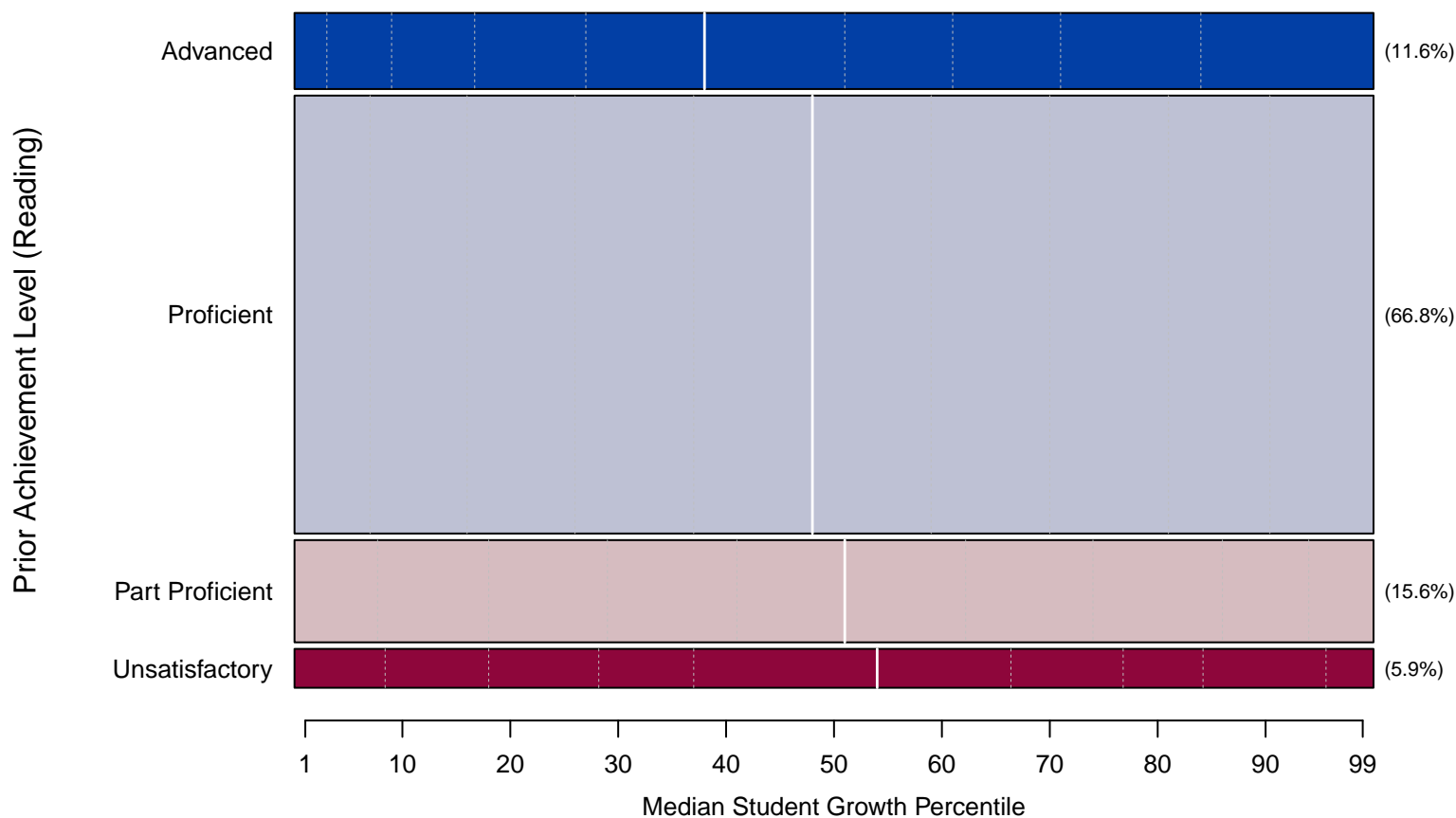## 2010–2011 Reading SGP SIMEX, Grade 6 (N = 3,960)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (11.6%)
- Proficient (66.8%)
- Part Proficient (15.6%)
- Unsatisfactory (5.9%)

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/[220,556)	9.61	10.91	9.87	9.61	9.35	5.97	9.87	10.65	10.13	14.03	(9.7%)
2nd/[556,584)	14.72	9.39	8.88	8.12	7.87	9.39	7.36	8.38	8.88	17.01	(9.9%)
3rd/[584,604)	10.42	10.92	9.68	9.43	10.92	7.20	6.70	13.90	10.67	10.17	(10.2%)
4th/[604,617)	13.84	9.92	7.57	10.44	8.09	9.40	7.57	9.66	10.44	13.05	(9.7%)
5th/[617,630)	10.08	7.56	10.08	9.82	9.57	9.57	9.07	10.33	11.08	12.85	(10%)
6th/[630,643)	15.27	8.65	9.41	8.14	9.16	7.63	8.91	12.21	10.94	9.67	(9.9%)
7th/[643,657)	15.69	10.54	6.86	8.09	11.27	11.03	8.33	7.11	8.09	12.99	(10.3%)
8th/[657,673)	14.43	12.15	12.41	7.34	8.61	8.61	10.63	8.61	8.10	9.11	(10%)
9th/[673,696)	14.57	12.35	9.88	8.15	9.38	8.15	8.40	10.86	8.89	9.38	(10.2%)
10th/[696,906]	20.91	13.60	8.31	9.32	6.80	10.58	8.31	8.56	8.56	5.04	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution