Student Growth Percentile Goodness–of–Fit Descriptives
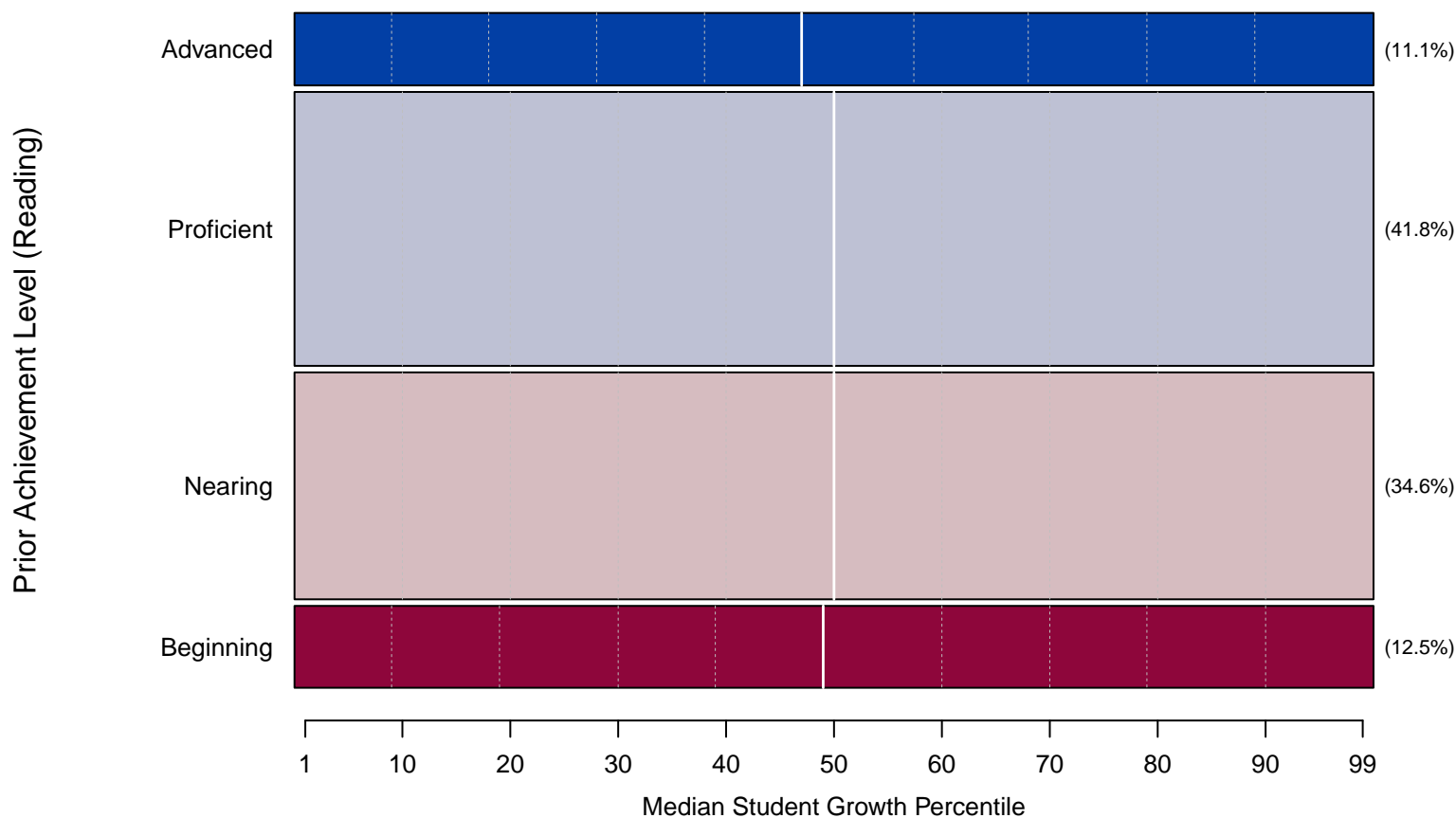## 2013 Reading SGP, Grade 5 (N = 5,289)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

- Advanced (11.1%)
- Proficient (41.8%)
- Nearing (34.6%)
- Beginning (12.5%)

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/[400,424)	10.06	10.06	8.62	10.47	10.06	8.83	10.06	10.68	10.27	10.88	(9.2%)
2nd/[424,431)	9.53	9.13	10.75	8.92	8.92	10.55	11.76	10.75	8.92	10.75	(9.3%)
3rd/[431,435)	10.77	8.59	9.43	10.27	10.61	10.94	9.43	11.45	9.43	9.09	(11.2%)
4th/[435,438)	9.24	11.50	10.27	9.86	10.06	9.65	9.65	9.65	10.47	9.65	(9.2%)
5th/[438,440)	9.95	9.26	9.26	11.81	9.26	9.26	10.65	7.87	10.88	11.81	(8.2%)
6th/[440,443)	9.57	9.57	10.60	8.69	9.57	10.46	9.57	10.75	10.01	11.19	(12.8%)
7th/[443,445)	8.55	11.52	9.29	12.27	12.27	12.27	10.04	8.18	7.81	7.81	(5.1%)
8th/[445,448)	10.44	11.01	9.49	9.11	9.68	9.11	10.06	10.63	10.25	10.25	(10%)
9th/[448,453)	9.10	9.10	10.19	10.73	9.78	10.05	8.97	10.87	10.19	11.01	(13.9%)
10th/[453,476)	10.77	10.94	9.91	9.74	10.26	10.43	9.40	9.40	9.40	9.74	(11.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution