Student Growth Percentile Goodness–of–Fit Descriptives
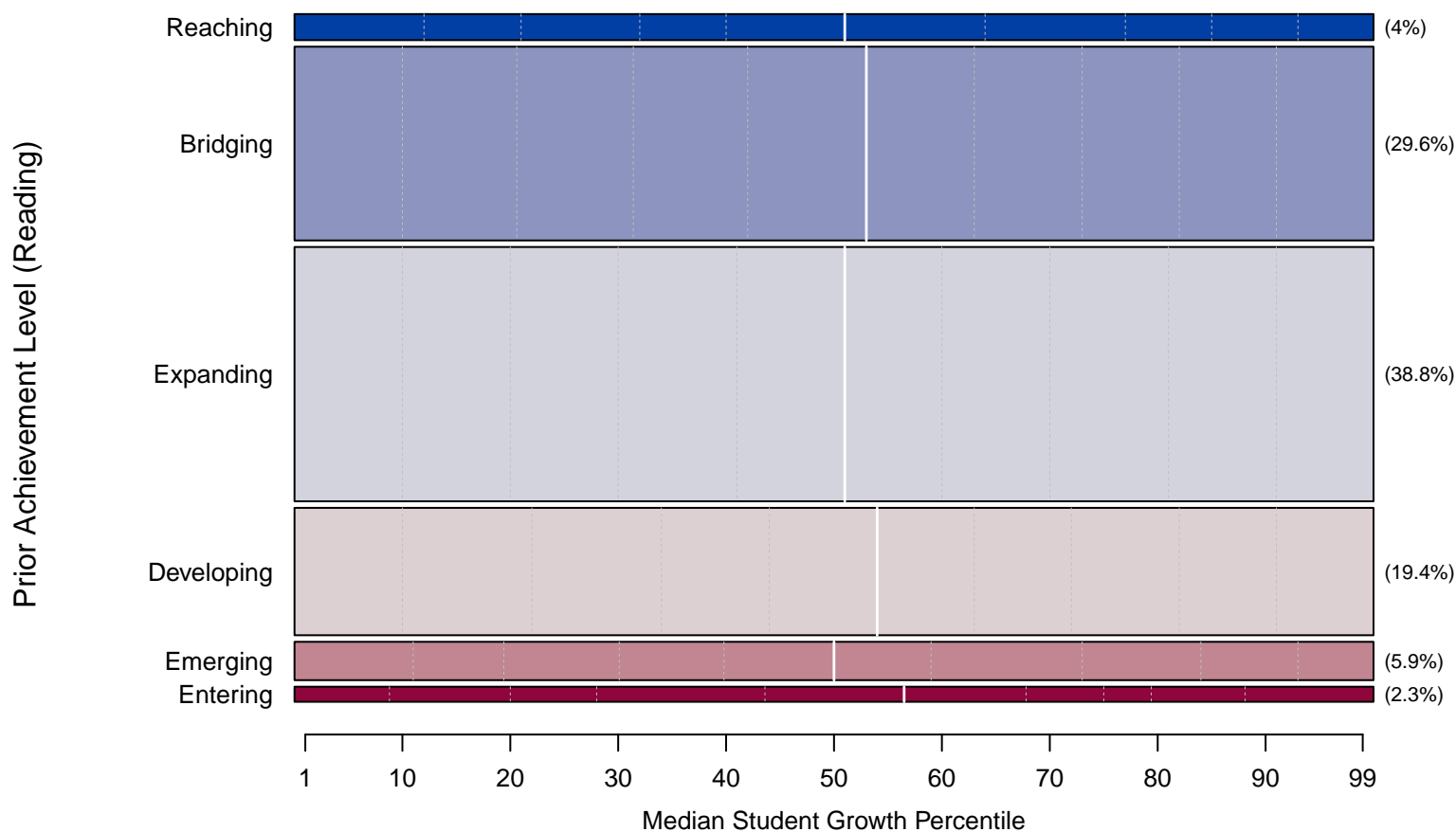
2014 Reading SGP, Grade 10 (N = 3,039)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percent
Reaching	(4%)
Bridging	(29.6%)
Expanding	(38.8%)
Developing	(19.4%)
Emerging	(5.9%)
Entering	(2.3%)

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/[282,362)	10.20	9.21	10.20	8.22	8.55	9.87	8.55	10.86	11.51	12.83	(10%)
2nd/[362,375)	9.51	8.10	9.15	9.51	11.27	9.15	10.56	12.68	9.15	10.92	(9.3%)
3rd/[375,383)	8.67	9.67	8.67	9.67	9.33	12.00	10.00	9.33	11.00	11.67	(9.9%)
4th/[383,389)	9.06	11.00	7.77	11.33	8.41	10.36	10.03	11.33	12.62	8.09	(10.2%)
5th/[389,393)	10.21	6.34	11.97	9.86	10.92	10.56	8.45	10.56	9.15	11.97	(9.3%)
6th/[393,397)	9.32	10.61	8.36	9.65	8.04	10.61	12.54	10.61	9.00	11.25	(10.2%)
7th/[397,401)	7.95	12.25	10.93	8.61	10.60	7.95	8.94	8.94	9.60	14.24	(9.9%)
8th/[401,405)	7.66	8.76	9.12	8.76	10.22	10.22	11.31	11.31	10.22	12.41	(9%)
9th/[405,412)	9.75	11.14	8.64	9.75	9.75	9.47	8.91	8.36	11.14	13.09	(11.8%)
10th/[412,444]	10.58	8.01	9.62	10.26	9.94	8.65	10.90	11.54	9.62	10.90	(10.3%)

*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