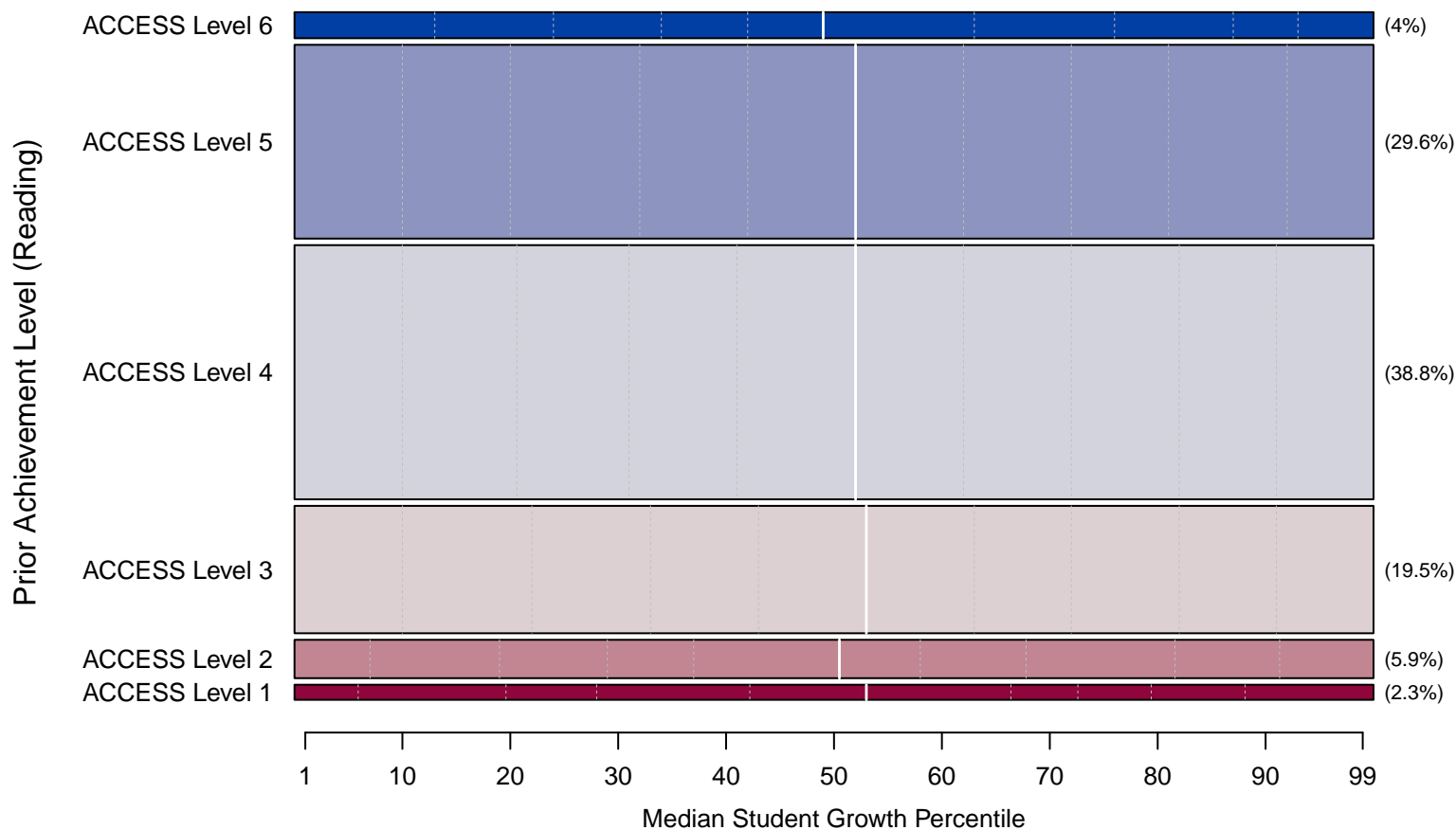# Student Growth Percentile Goodness–of–Fit Descriptives

2014 Reading SGP, Grade 10 (N = 3,038)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

ACCESS Level 6	(4%)
ACCESS Level 5	(29.6%)
ACCESS Level 4	(38.8%)
ACCESS Level 3	(19.5%)
ACCESS Level 2	(5.9%)
ACCESS Level 1	(2.3%)

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/[282,362)	11.84	8.88	9.54	8.55	7.89	11.51	8.22	10.20	12.50	10.86	(10%)
2nd/[362,375)	9.15	9.15	9.51	9.51	10.21	8.10	11.27	12.68	10.21	10.21	(9.3%)
3rd/[375,383)	9.00	9.33	8.33	8.67	12.67	10.67	10.00	8.67	10.33	12.33	(9.9%)
4th/[383,389)	11.04	9.42	8.12	10.39	6.82	11.04	10.06	11.36	13.64	8.12	(10.1%)
5th/[389,393)	9.15	8.45	11.27	8.80	11.27	10.21	8.80	9.51	9.51	13.03	(9.3%)
6th/[393,397)	9.00	8.68	9.65	10.29	9.32	9.00	11.25	12.22	8.36	12.22	(10.2%)
7th/[397,401)	8.61	11.59	9.60	8.94	10.26	8.61	6.62	8.28	14.24	13.25	(9.9%)
8th/[401,405)	8.03	8.39	9.12	7.66	10.95	12.41	9.49	10.58	10.22	13.14	(9%)
9th/[405,412)	9.75	10.86	9.47	10.31	8.91	8.91	10.03	10.31	8.08	13.37	(11.8%)
10th/[412,444]	9.29	8.33	10.26	11.86	9.62	9.62	10.58	9.94	8.65	11.86	(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