Student Growth Percentile Goodness–of–Fit Descriptives
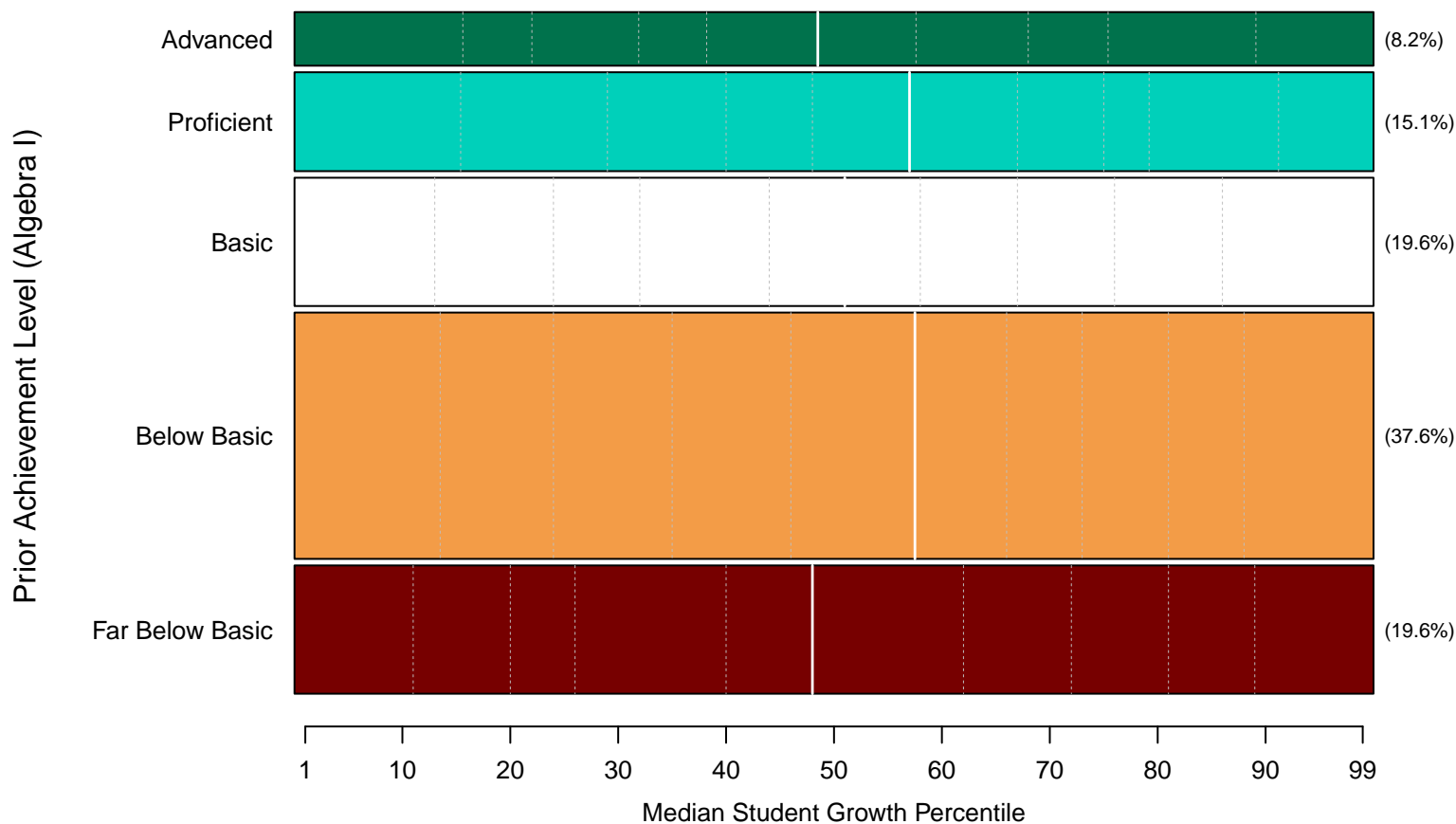
2010 Physics SGP, Grade EOCT (N = 1,027)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(8.2%)
Proficient	(15.1%)
Basic	(19.6%)
Below Basic	(37.6%)
Far Below Basic	(19.6%)

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/[150,240)	2.50	6.25	17.50	6.25	13.75	8.75	10.00	11.25	11.25	12.50	(7.8%)
2nd/[240,258)	11.57	14.88	9.09	9.09	11.57	5.79	8.26	9.92	11.57	8.26	(11.8%)
3rd/[258,264)	3.17	3.17	9.52	9.52	11.11	15.87	14.29	14.29	9.52	9.52	(6.1%)
4th/[264,279)	6.34	7.04	10.56	9.86	7.75	10.56	8.45	16.20	11.97	11.27	(13.8%)
5th/[279,290)	7.87	11.24	6.74	8.99	14.61	4.49	13.48	12.36	15.73	4.49	(8.7%)
6th/[290,309)	9.17	13.33	5.83	8.33	5.83	10.00	16.67	11.67	10.83	8.33	(11.7%)
7th/[309,328)	7.37	10.53	13.68	7.37	12.63	10.53	10.53	14.74	8.42	4.21	(9.3%)
8th/[328,361)	5.71	9.52	8.57	12.38	15.24	11.43	8.57	15.24	3.81	9.52	(10.2%)
9th/[361,410)	5.05	9.09	4.04	10.10	14.14	8.08	8.08	18.18	12.12	11.11	(9.6%)
10th/[410,600]	4.42	9.73	10.62	15.04	6.19	11.50	16.81	7.96	7.08	10.62	(11%)

*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