Student Growth Percentile Goodness–of–Fit Descriptives
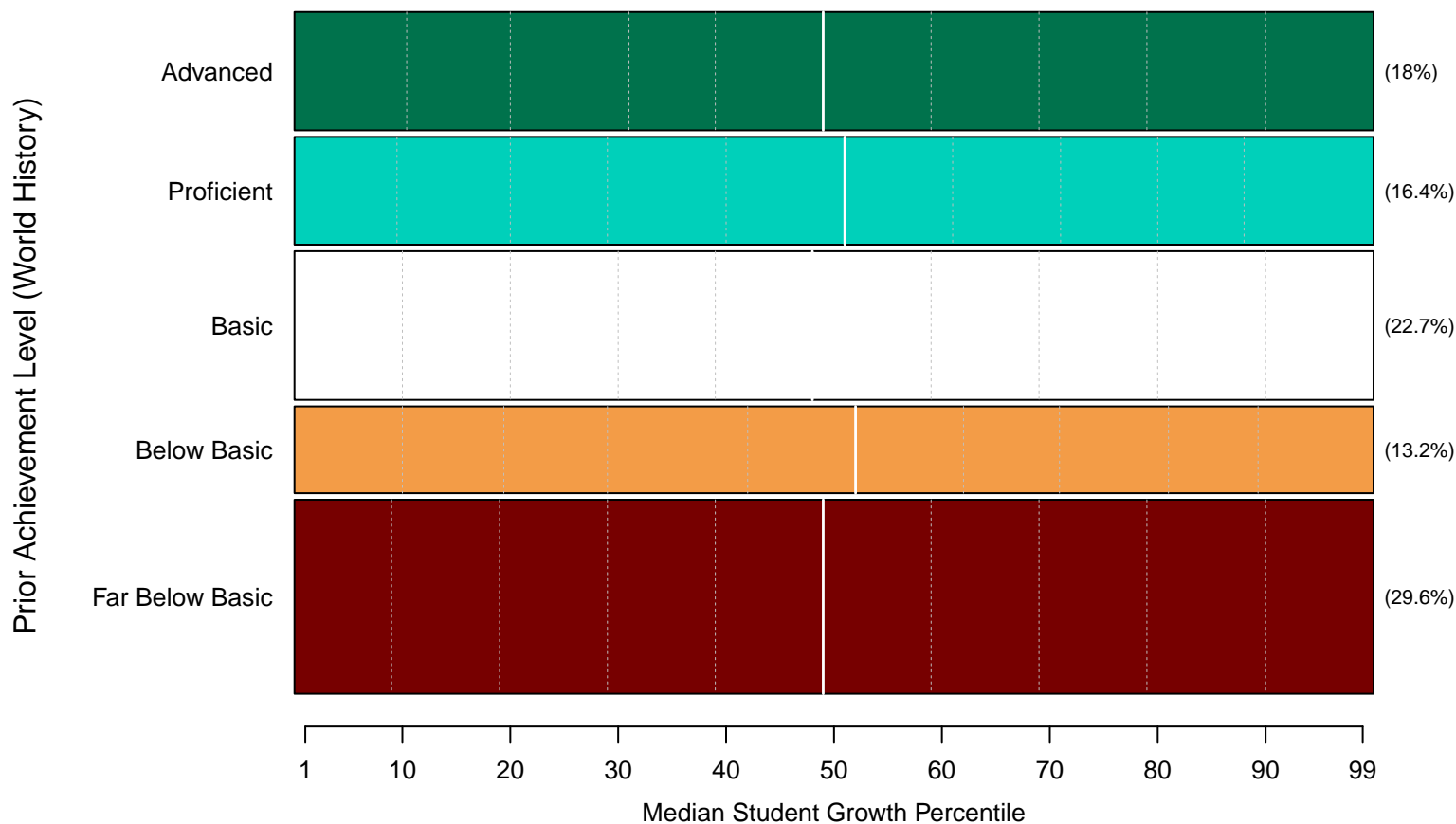
2013 US History SGP, Grade EOCT (N = 3,686)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (World History)

Level	(%)
Advanced	(18%)
Proficient	(16.4%)
Basic	(22.7%)
Below Basic	(13.2%)
Far Below Basic	(29.6%)

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/[150,235)	12.65	8.13	11.14	9.64	10.24	10.24	7.23	11.14	9.34	10.24	(9%)
2nd/[235,256)	7.67	11.90	7.67	9.52	10.58	10.32	11.90	10.32	10.05	10.05	(10.3%)
3rd/[256,276)	11.02	9.97	10.76	10.76	10.24	8.40	10.50	8.92	8.92	10.50	(10.3%)
4th/[276,294)	8.58	9.76	12.72	8.28	7.99	12.72	8.88	11.24	10.65	9.17	(9.2%)
5th/[294,317)	11.14	10.65	8.72	10.65	10.41	8.72	9.93	8.23	9.69	11.86	(11.2%)
6th/[317,337)	7.93	10.06	9.45	11.28	10.67	8.84	9.45	9.45	12.50	10.37	(8.9%)
7th/[337,362)	9.00	9.75	9.75	10.75	8.75	13.00	11.00	12.00	7.25	8.75	(10.9%)
8th/[362,386)	10.61	10.93	11.58	7.07	7.72	8.36	10.29	10.93	11.90	10.61	(8.4%)
9th/[386,426)	9.09	9.60	9.34	12.12	9.09	10.35	9.60	8.84	10.35	11.62	(10.7%)
10th/[426,600]	10.51	10.02	10.51	9.54	10.76	11.00	8.80	11.25	8.31	9.29	(11.1%)

*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