Student Growth Percentile Goodness–of–Fit Descriptives
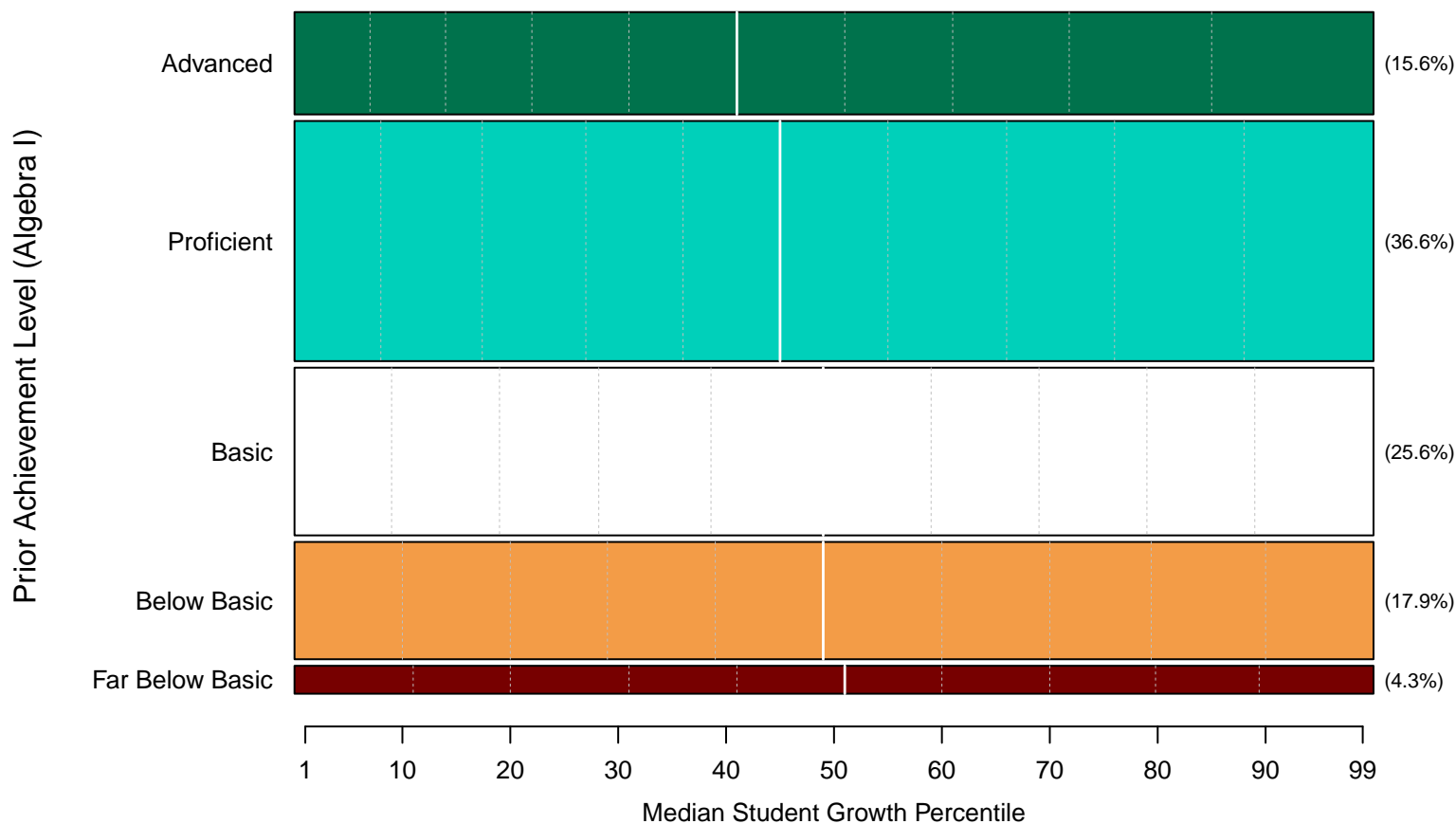## 2011 Geometry SGP, Grade EOCT (N = 8,851)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (15.6%)
- Proficient (36.6%)
- Basic (25.6%)
- Below Basic (17.9%)
- Far Below Basic (4.3%)

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/[194,273)	9.86	9.86	10.11	9.86	9.99	10.36	9.99	9.74	9.86	10.36	(9%)
2nd/[273,298)	9.53	9.85	10.38	11.12	9.96	8.79	10.59	10.28	9.43	10.06	(10.7%)
3rd/[298,317)	9.33	10.79	10.11	8.76	10.67	10.56	8.65	10.00	11.12	10.00	(10.1%)
4th/[317,336)	10.81	9.90	10.01	9.33	9.90	9.67	10.69	10.47	9.78	9.44	(9.9%)
5th/[336,351)	10.39	10.96	10.25	11.94	8.57	9.55	10.81	8.99	10.53	8.01	(8%)
6th/[351,371)	11.48	10.96	9.94	10.86	11.48	10.55	8.71	8.61	7.17	10.25	(11%)
7th/[371,392)	10.02	10.66	10.77	10.87	10.34	8.53	10.23	10.34	10.34	7.89	(10.6%)
8th/[392,416)	10.77	11.90	11.67	11.11	9.65	10.33	9.65	8.42	8.98	7.52	(10.1%)
9th/[416,445)	13.07	11.93	11.31	11.93	10.55	8.67	8.54	7.66	8.04	8.29	(9%)
10th/[445,600]	14.45	12.89	11.04	9.96	9.18	10.25	10.45	8.30	7.81	5.66	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution