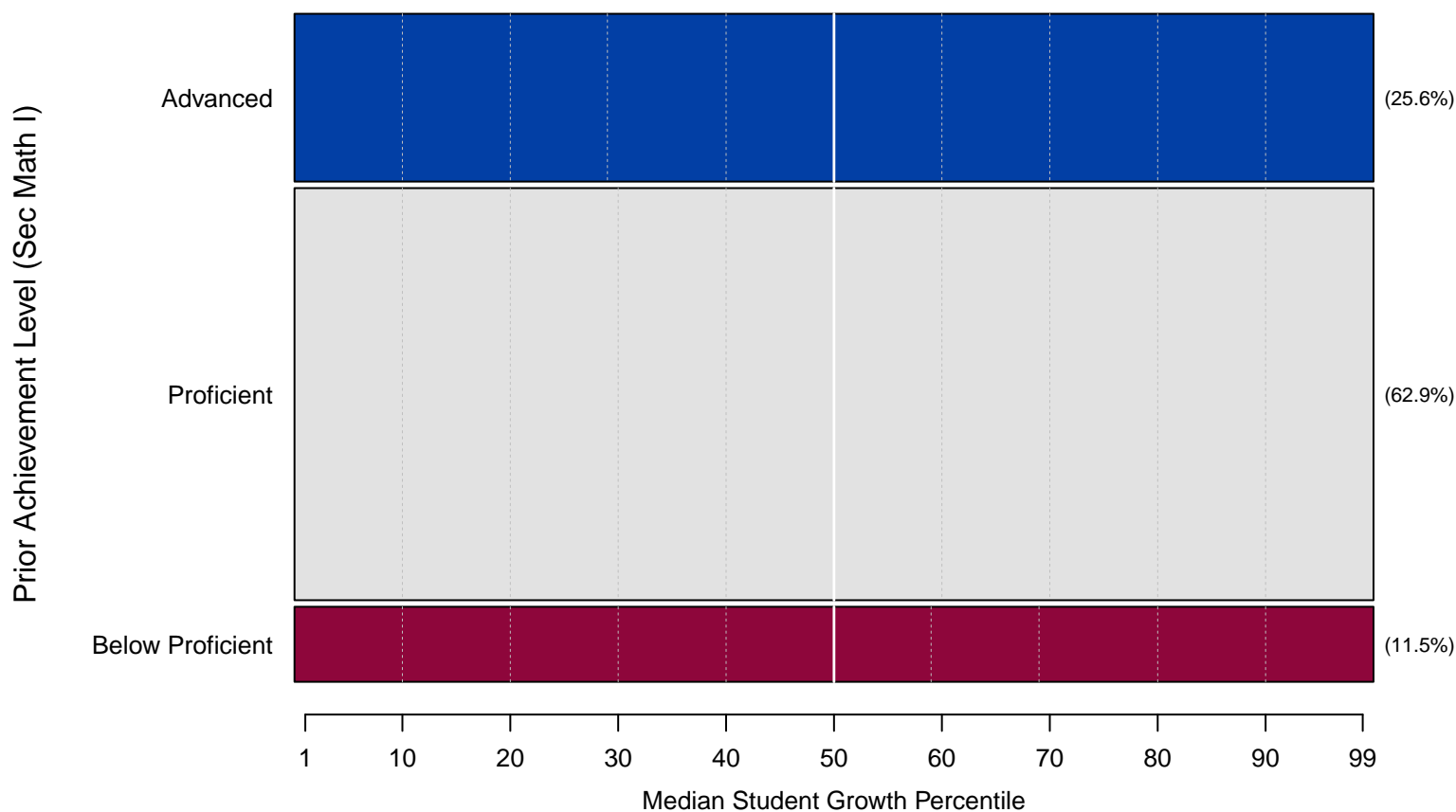# Student Growth Percentile Goodness−of−Fit Descriptives
2015 Sec Math II SGP, Grade EOCT (N = 33,823)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Sec Math I)

- Advanced (25.6%)
- Proficient (62.9%)
- Below Proficient (11.5%)

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/[185,404)	9.04	10.39	10.33	10.33	10.64	9.61	9.79	9.73	9.67	10.45	(9.8%)
2nd/[404,444)	10.12	9.13	9.59	9.62	9.39	10.56	10.18	10.44	10.44	10.53	(10.1%)
3rd/[444,470)	9.63	10.08	10.02	10.05	9.87	9.48	9.60	9.99	10.54	10.72	(9.8%)
4th/[470,491)	9.61	10.85	10.32	9.73	10.02	9.82	10.14	9.61	9.34	10.56	(10%)
5th/[491,510)	9.03	9.86	9.59	10.16	9.95	10.99	10.40	10.10	9.89	10.04	(9.9%)
6th/[510,529)	9.19	9.27	9.80	10.32	10.38	9.88	10.32	10.52	9.97	10.35	(10.2%)
7th/[529,548)	9.49	10.48	10.24	10.06	9.88	9.73	9.94	9.40	10.48	10.33	(9.9%)
8th/[548,569)	10.34	10.20	10.17	9.70	9.64	9.90	9.15	9.90	9.87	11.13	(10.1%)
9th/[569,595)	9.13	9.93	10.31	9.36	10.22	9.96	10.16	10.49	10.04	10.40	(10%)
10th/[595,796]	9.55	9.90	9.70	10.65	9.96	10.13	10.22	9.78	9.78	10.33	(10.2%)

*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