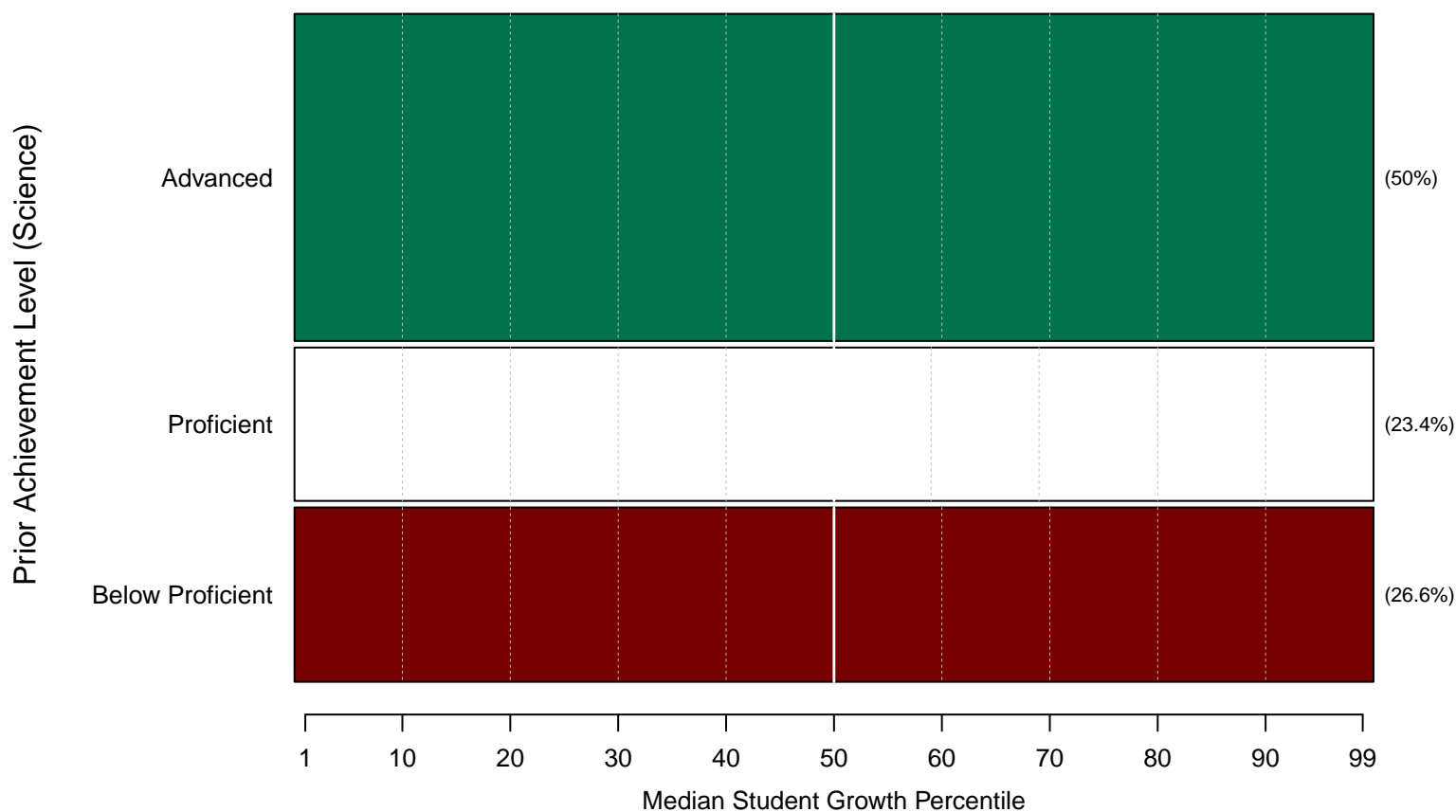


# Student Growth Percentile Goodness-of-Fit Descriptives

2012 Science SGP, Grade 8 (N = 40,136)

## SGP Deciles by Prior Achievement Level



### Student Growth Percentile Range

Prior Scale Score Decile/Range *	Student Growth Percentile 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/[130,151)	10.12	10.35	9.80	10.24	9.94	9.48	10.18	10.18	9.59	10.12	(8.5%)
2nd/[151,157)	9.91	9.54	10.00	9.63	10.30	10.19	9.52	9.89	10.49	10.53	(10.8%)
3rd/[157,160)	8.53	10.00	10.65	9.97	9.66	9.35	10.55	10.76	9.93	10.59	(7.3%)
4th/[160,163)	10.16	9.94	9.69	10.61	9.58	10.08	10.36	9.16	10.50	9.94	(8.9%)
5th/[163,166)	9.21	10.24	10.30	9.46	10.62	9.79	9.79	10.35	9.48	10.77	(11.2%)
6th/[166,169)	10.05	9.82	10.12	9.63	10.10	10.42	10.07	8.98	10.24	10.56	(10.7%)
7th/[169,171)	9.71	9.65	9.80	10.11	9.56	10.23	9.86	10.23	10.35	10.50	(8.2%)
8th/[171,176)	9.64	10.44	9.81	10.35	9.95	9.41	9.81	10.77	10.06	9.76	(14.3%)
9th/[176,181)	9.10	10.14	10.26	10.08	10.26	10.49	10.14	9.21	9.77	10.55	(8.6%)
10th/[181,199]	10.30	10.00	9.95	9.76	9.80	9.82	10.15	10.15	9.87	10.19	(11.5%)

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

### QQ-Plot: Student Growth Percentiles

