Student Growth Percentile Goodness–of–Fit Descriptives
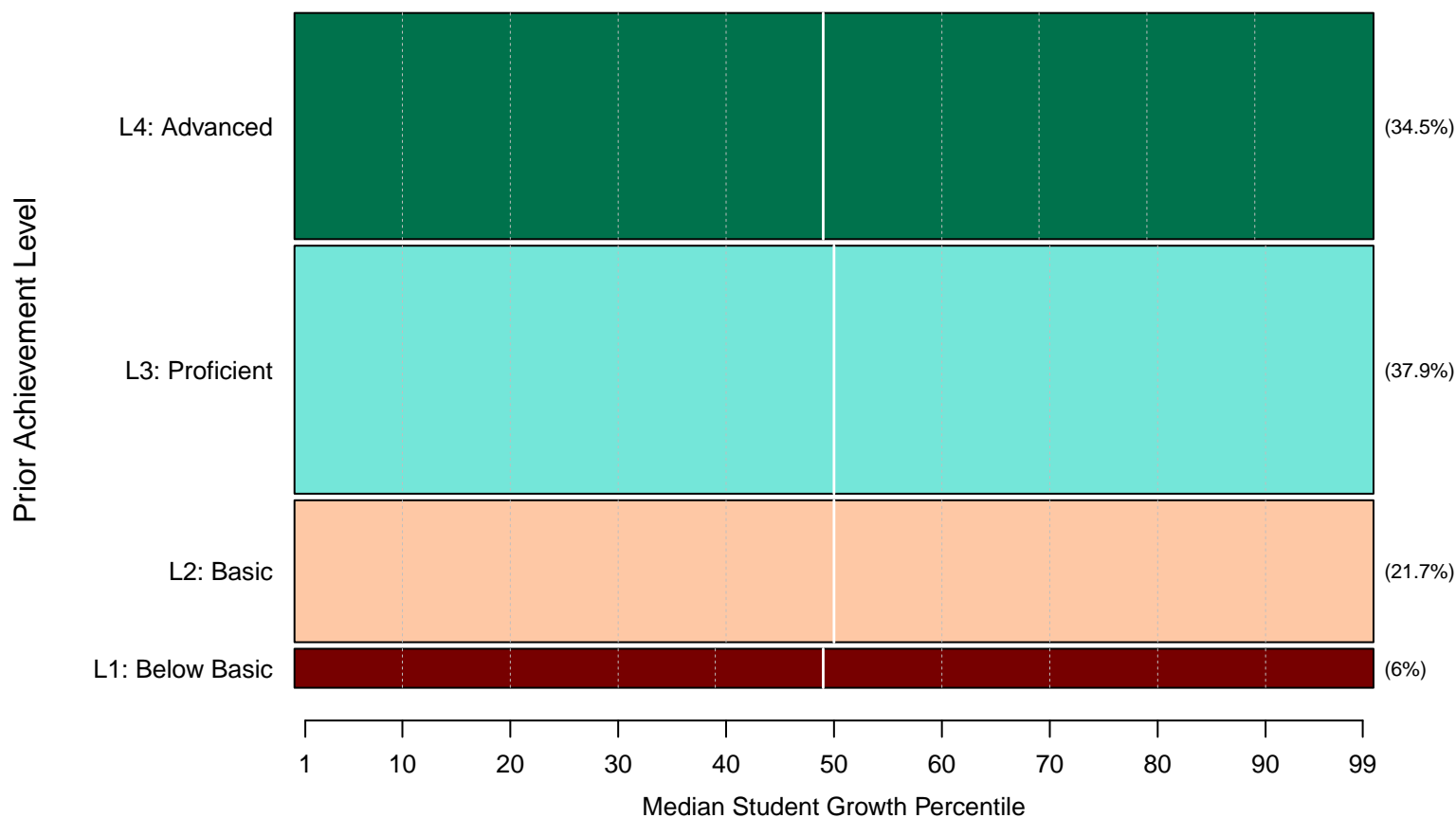## 2008–2009 Reading SGP, Grade 5 (N = 70,770)

SGP Deciles by Prior Achievement Level

Prior Achievement Level:
- L4: Advanced (34.5%)
- L3: Proficient (37.9%)
- L2: Basic (21.7%)
- L1: Below Basic (6%)

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/[275,381]	9.70	10.00	9.79	10.20	10.13	10.14	9.91	9.65	9.65	10.82	(9.2%)
2nd/[381,393]	9.43	10.09	10.20	9.78	9.82	9.61	9.84	10.37	10.42	10.44	(10.2%)
3rd/[393,400]	10.09	9.94	9.85	9.75	9.92	9.66	10.75	9.40	9.75	10.87	(8.2%)
4th/[400,406]	9.79	10.16	9.79	10.13	10.08	10.44	9.66	10.21	9.68	10.06	(11.3%)
5th/[406,411]	9.29	9.69	10.63	9.72	10.20	10.06	9.47	10.09	10.15	10.69	(9.4%)
6th/[411,417]	9.59	10.18	9.93	9.56	9.96	10.11	10.00	9.72	10.21	10.74	(11.1%)
7th/[417,424]	9.75	9.80	9.89	11.05	7.59	11.75	9.01	10.17	9.89	11.10	(6.1%)
8th/[424,430]	9.62	10.92	9.38	10.46	11.01	8.64	11.20	10.00	9.89	8.89	(12.8%)
9th/[430,436]	9.57	8.68	9.26	11.26	9.66	10.49	9.26	9.62	11.41	10.78	(6.3%)
10th/[436,475]	10.07	9.83	10.85	9.01	10.41	10.12	10.01	10.16	9.00	10.55	(15.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution