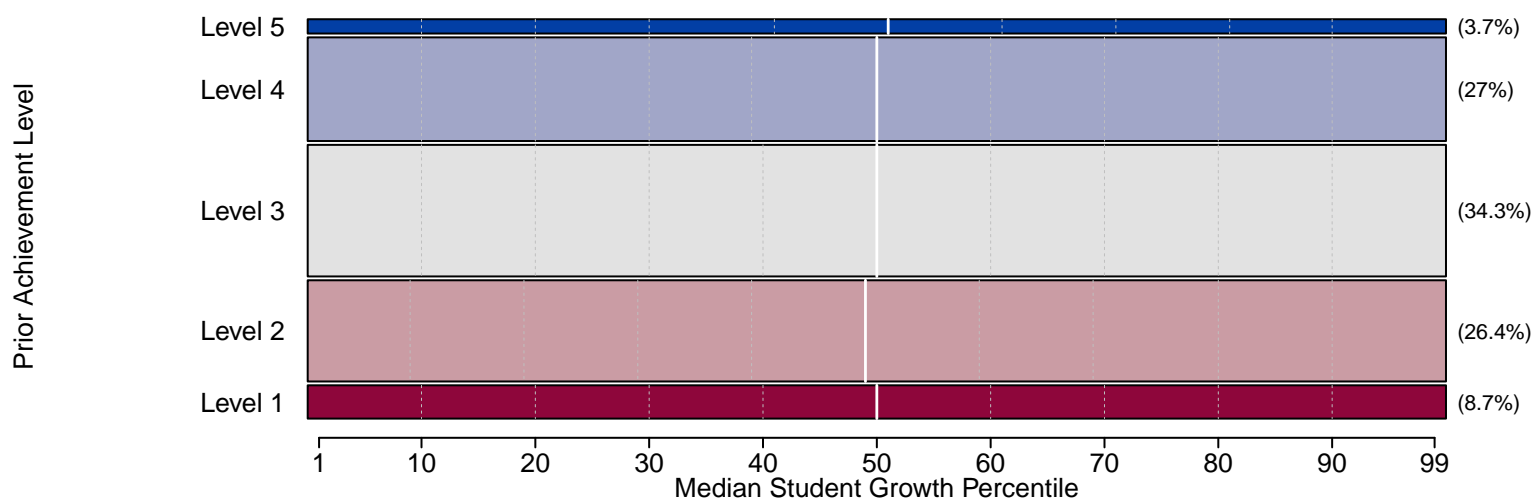# Student Growth Percentile Goodness–of–Fit Descriptives
2017–2018.2 Algebra II SGP, Grade EOCT (N = 82,403)

SGP Deciles by Prior Achievement Level (Geometry)

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (Range)		1 to 5	5 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 94	95 to 99	
Lowest OSS:	[−15]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 28
	(−15,−4.63]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 24
Highest OSS:	[4.468,4.743)	0.0	0.0	0.0	0.0	0.0	0.0	4.2	4.2	4.2	25.0	16.7	45.8	N = 24
	[4.743,8.034]	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.4	6.7	20.0	15.6	51.1	N = 45

Student Growth Percentile Range

Prior Scale Score Decile/Range*

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/[−15,−1.194)	9.27	10.07	9.95	10.24	10.43	9.79	9.83	9.88	10.09	10.44	(10%)
2nd/[−1.194,−0.833)	10.23	10.56	10.40	9.85	9.94	10.32	9.69	10.12	9.10	9.80	(9.3%)
3rd/[−0.833,−0.4974)	10.50	9.87	9.82	9.81	9.90	9.92	10.27	9.46	10.01	10.44	(10.6%)
4th/[−0.4974,−0.2117)	9.17	9.59	9.90	10.17	10.07	9.88	9.90	10.38	9.91	11.04	(9.8%)
5th/[−0.2117,0.0682)	9.31	10.26	10.13	10.16	10.08	10.11	9.50	9.88	10.27	10.29	(9.5%)
6th/[0.0682,0.3613)	9.68	10.33	10.13	10.36	10.09	9.75	10.26	9.63	9.42	10.35	(10.4%)
7th/[0.3613,0.6631)	9.71	9.71	9.88	9.84	10.07	10.04	10.01	10.05	10.37	10.31	(10.3%)
8th/[0.6631,1.013)	9.87	9.92	9.81	10.06	9.46	10.09	9.86	10.00	10.01	10.92	(10%)
9th/[1.013,1.438)	9.87	10.14	10.41	9.99	9.69	9.54	10.11	9.79	9.97	10.50	(10.1%)
10th/[1.438,5.392]	9.41	10.20	10.05	10.09	10.41	10.17	9.96	9.80	9.87	10.04	(10%)

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

QQ–Plot: Student Growth Percentiles