

Exhibit for Board of Regents:

This graphic represents what an R² (R-squared) of .45 looks like in a scatter plot (not based on actual NYS school data). Compare this graphic to the 2013-14 Adjusted Model for ELA Common Core, which has a -Squared value (also .45). In a perfect prediction model, all of the little circles would be on the line. The difference between the circles

this example, there is 55% error (1-R²).) Wherever a circle is not on the line, the model is not predicting that particular score accurately. Notice how few circles actually end up on the line: approximately 1 out of 26. This means that only about 3.8% of the cases are precisely predicted with this model.