

# r-Squared Question

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I am trying to understand r-squared (the coefficient of determination) of regression lines. If r, which is squared to obtain r-squared, is the correlation between the predicted Y and the observed Y, then doesn't that mean that any regression line whose predicted Y is a perfect linear function of the observed Y has an r (and thus r-squared) of 1?

Thanks,  
Will

Keywords: r<sup>2</sup> r\*\*2 r-square r-squared rsquare rsquared

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