

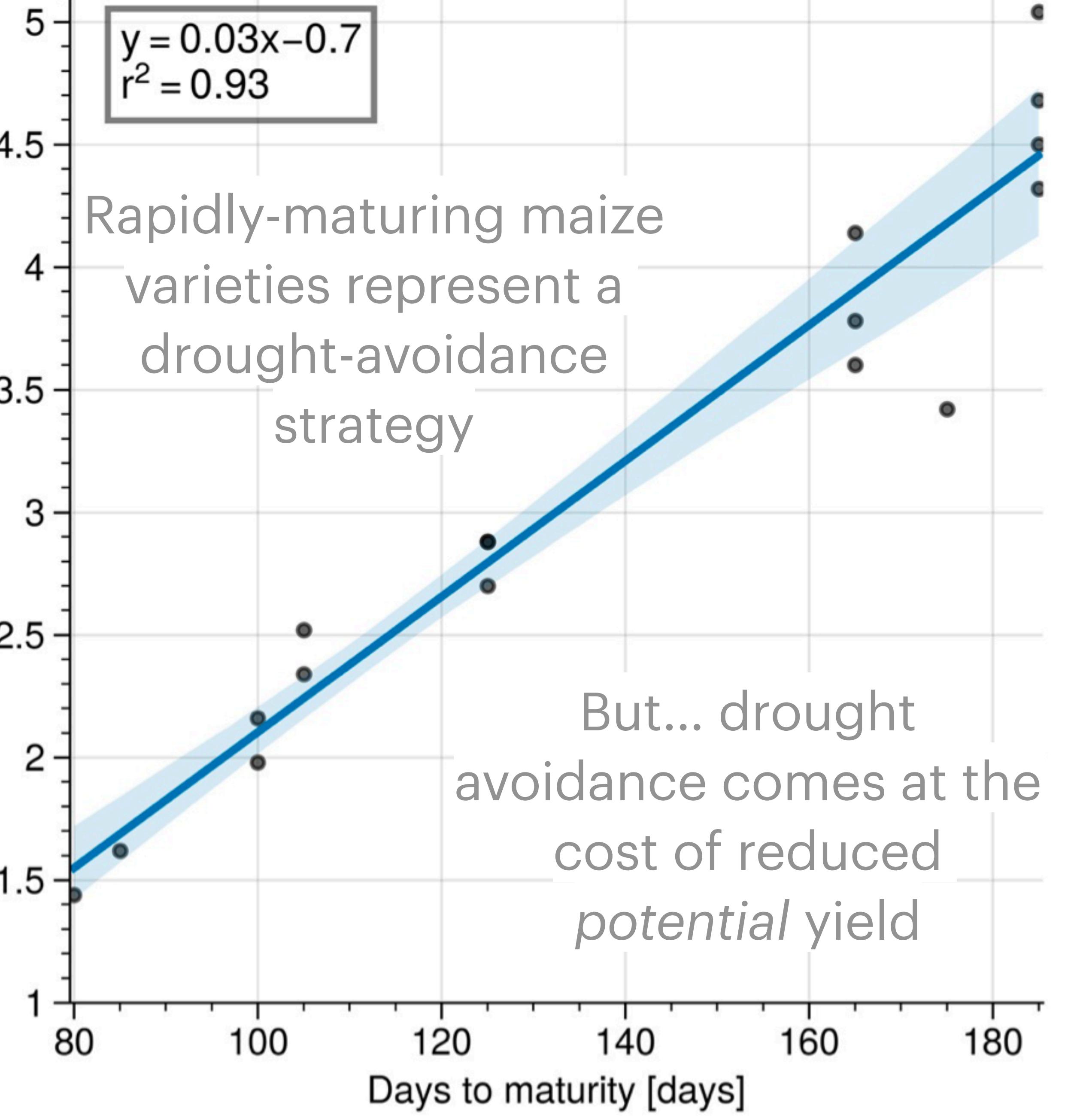
# Kenya Seed Co. Potential Yields by Maize Variety

$$y = 0.03x - 0.7$$
$$r^2 = 0.93$$

Rapidly-maturing maize varieties represent a drought-avoidance strategy

But... drought avoidance comes at the cost of reduced potential yield

Maximum potential yield [tons/ha]



# Study Objectives

How does intra-seasonal rainfall variability interact with water deficits experienced by a maize crop?

How do varying maize cultivars moderate the effect of climate variability on changes in yields and crop failure?

Has the average yield of maize production and likelihood of crop failure changed over an 80 year period?

