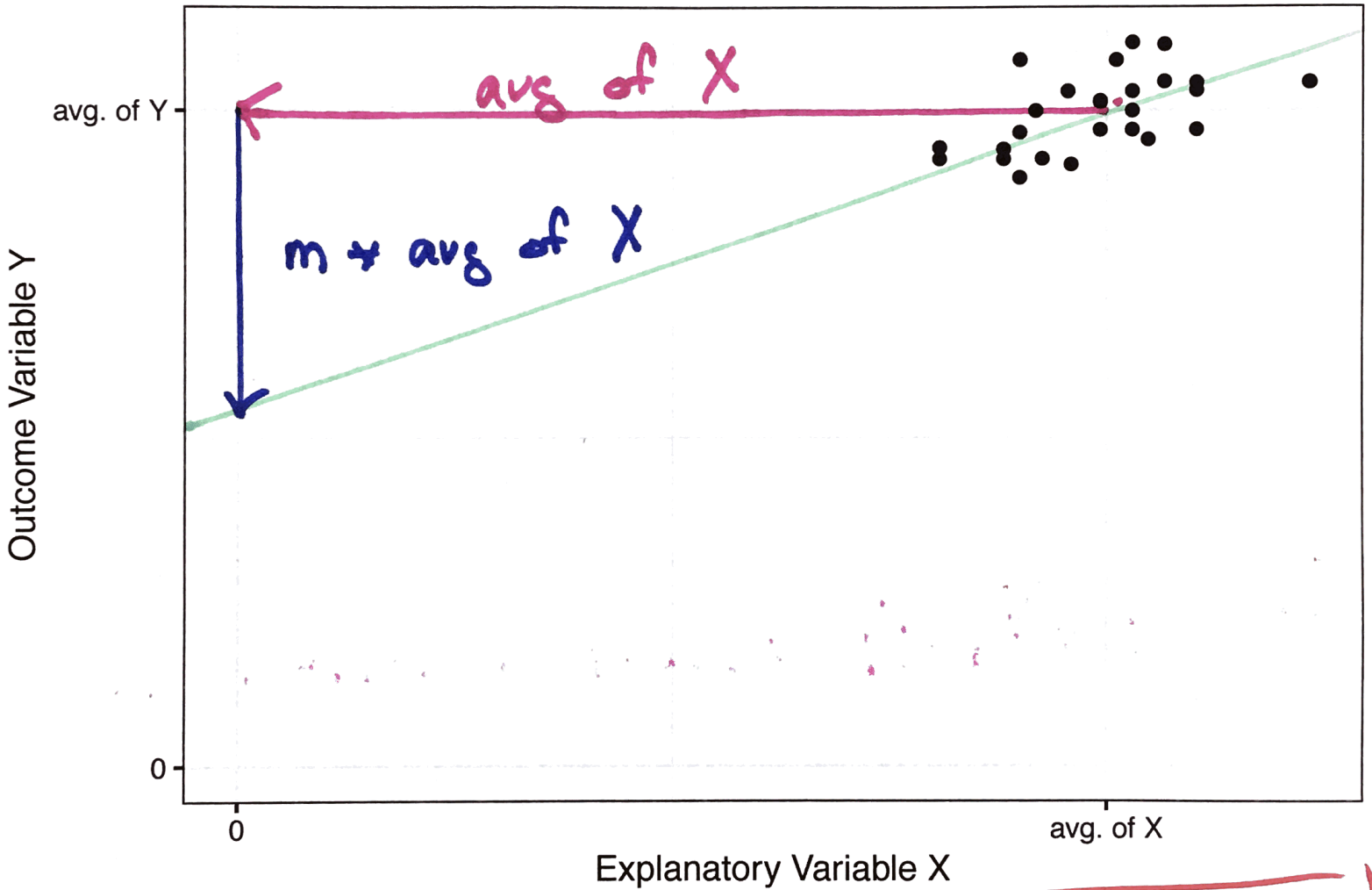


Key Formula:

$$\text{slope} = m = \frac{\text{rise}}{\text{run}} = \frac{r * SD \text{ of } Y}{SD \text{ of } X}$$

$$\text{r.m.s error of regr.} = \sqrt{1 - r^2} * SD \text{ of } Y$$



Key Formula:

$$\text{intercept} = b = [\text{avg of } Y] - m * [\text{avg of } X]$$