

X

Equation

● 0

$$\hat{M} = \hat{i}_1$$

—

$$\hat{Y} = \hat{i}_2 + \hat{b} \cdot M$$

- - -

$$\hat{Y} = \hat{i}_3$$

● 1

$$\hat{M} = \hat{i}_1 + \hat{a}$$

—

$$\hat{Y} = \hat{i}_2 + \hat{b} \cdot M + \hat{c}'$$

- - -

$$\hat{Y} = \hat{i}_3 + \hat{c}$$

No deviations from normality

Including outlier

OLS

ROBMED

Outlier

Outlier

M