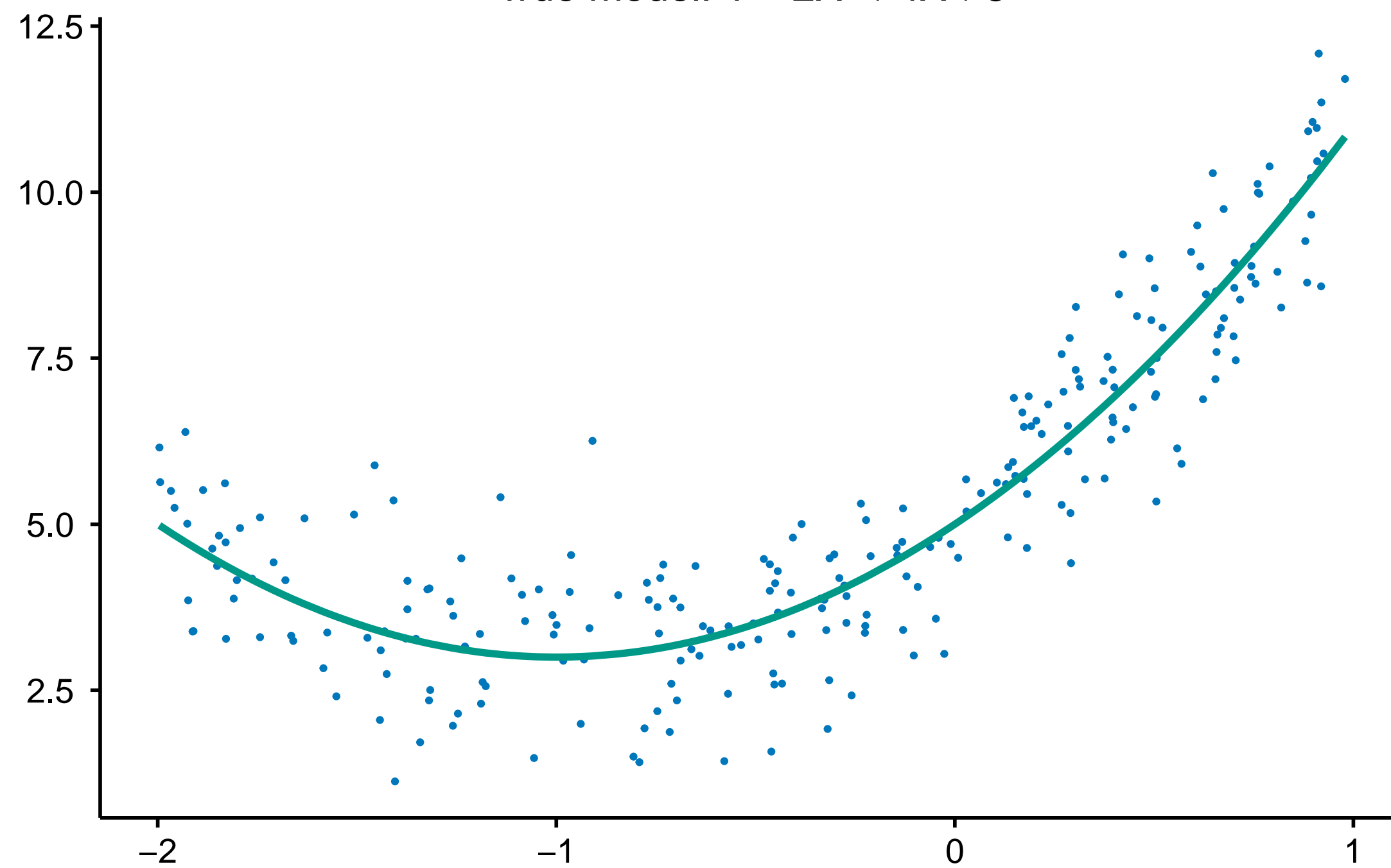
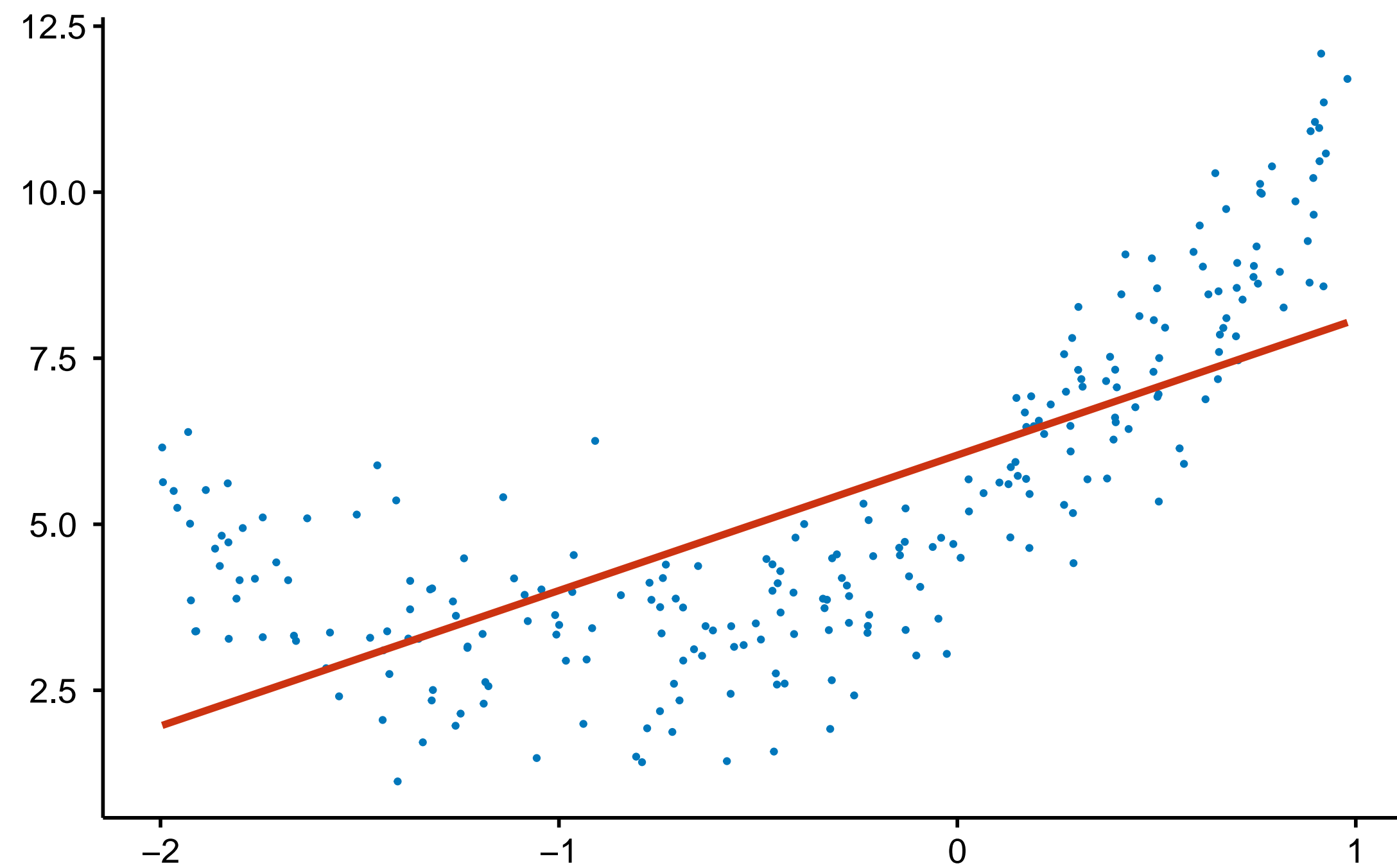


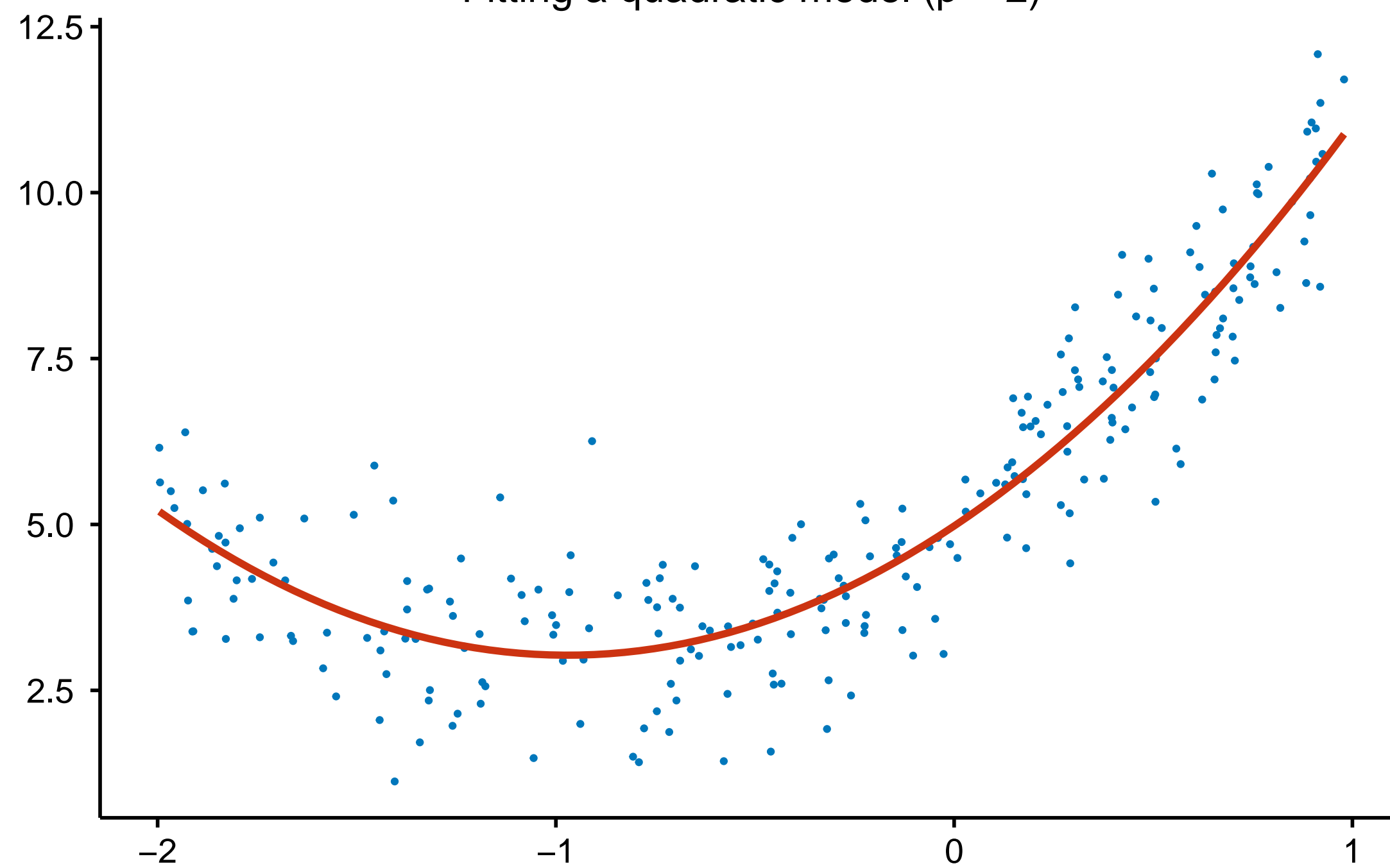
True model:  $Y = 2X^2 + 4X + 5$



Fitting a linear model ( $p = 1$ )



Fitting a quadratic model ( $p = 2$ )



Fitting a polynomial model ( $p = 20$ )

