

We estimate a model relating hourly wage in dollars ($wage$) to years of experience ($exper$), education ($educ$), being female where $female = 1$ if the respondent is female and obtain $\widehat{wage} = 4.85 + 0.621educ - 0.111female - 0.216exper + 0.041exper^2$.

1. Keeping other factors constant, when $educ$ increases by 1 year, $wage$ _____ by _____ (percent / cents).
2. Keeping other factors constant, females earn _____ (percent/cents) (more/less) than males.
3. The expected hourly wage of a male person with 5 years of experience and 10 years of education is _____ dollars.
4. In going from 5 to 6 years of experience, $wage$ is predicted to increase by about _____ (percent / cents).
5. Experience has a (positive / negative) effect on wage rate after _____ years of experience.