Econometrics - Homework Assignment

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Contents

1. Description of the sample

Question 1

- interprération écart type EDUC
- comparaison sal et salbegin : gros écart d'écart type, différence éducation, salaire d'efficience (mean)
- interprétations sur gender et minotity: sample composed of more women ou jsp + regarder interprétation dummies gender et tout : much diversity
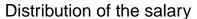- ajouter tableau stats jobcat + commenter
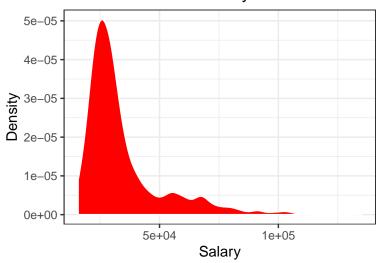
Table 1: Some statistics

variable	Mean	Sd	Min	Max
EDUC	13.49156	2.884846	8	21
SALARY	34419.56751	17075.661465	15750	135000
SALBEGIN	17016.08650	7870.638155	9000	79980

Table 2: Some other statistics

variable	Mean
GENDER	0.5443038
MINORITY	0.2194093

Question 2

Distribution of the salary

It could be a good idea to use the logarithm of the variable Salary because the logarithm linearizes and smoothes the variable. In facts it decreases the expanse of the values that the variable takes (max-min is lower). Moreover, the interest to use the logarithm of this variable is that we can easily interpret the coefficient as an elasticity in a log-log model.