Univariate linear regression relating sex to hourly wage (y)

OLS Regression Results

Dep. Variable:	y	R-squared:	0.018
Model:	OLS	Adj. R-squared:	0.018
Method:	Least Squares	F-statistic:	1.054e+04
Date:	Tue, 14 Apr 2020	Prob (F-statistic):	0.00
Time:	21:45:28	Log-Likelihood:	-3.0613e+06
No. Observations:	564619	AIC:	6.123e+06
Df Residuals:	564617	BIC:	6.123e+06
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	60.7539	0.233	261.113	0.000	60.298	61.210
SEX	-14.9712	0.146	-102.666	0.000	-15.257	-14.685

Omnibus:	1727459.872	Durbin-Watson:	1.939
Prob(Omnibus):	0.000	Jarque-Bera (JB):	597122719586.560
Skew:	45.793	Prob(JB):	0.00
Kurtosis:	5040.185	Cond. No.	6.95

3-variable linear regression relating sex (SEX), industry experience (YOEP), education level (SCHL) to hourly wage (y)

Dep. Variable:	y	R-squared:	0.038
Model:	OLS	Adj. R-squared:	0.038
Method:	Least Squares	F-statistic:	7532.
Date:	Tue, 14 Apr 2020	Prob (F-statistic):	0.00
Time:	21:21:43	Log-Likelihood:	-3.0555e+06
No. Observations:	564619	AIC:	6.111e+06
Df Residuals:	564615	BIC:	6.111e+06
Df Model:	3		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	-141.6336	1.938	-73.071	0.000	-145.433	-137.835
SEX	-14.5416	0.144	-100.714	0.000	-14.825	-14.259
YOEP	0.1516	0.007	21.861	0.000	0.138	0.165
SCHL	9.3437	0.089	104.809	0.000	9.169	9.518

Omnibus:	1744528.961	Durbin-Watson:	1.947
Prob(Omnibus):	0.000	Jarque-Bera (JB):	646445513731.942
Skew:	47.081	Prob(JB):	0.00
Kurtosis:	5244.116	Cond. No.	589.