

Graphs:

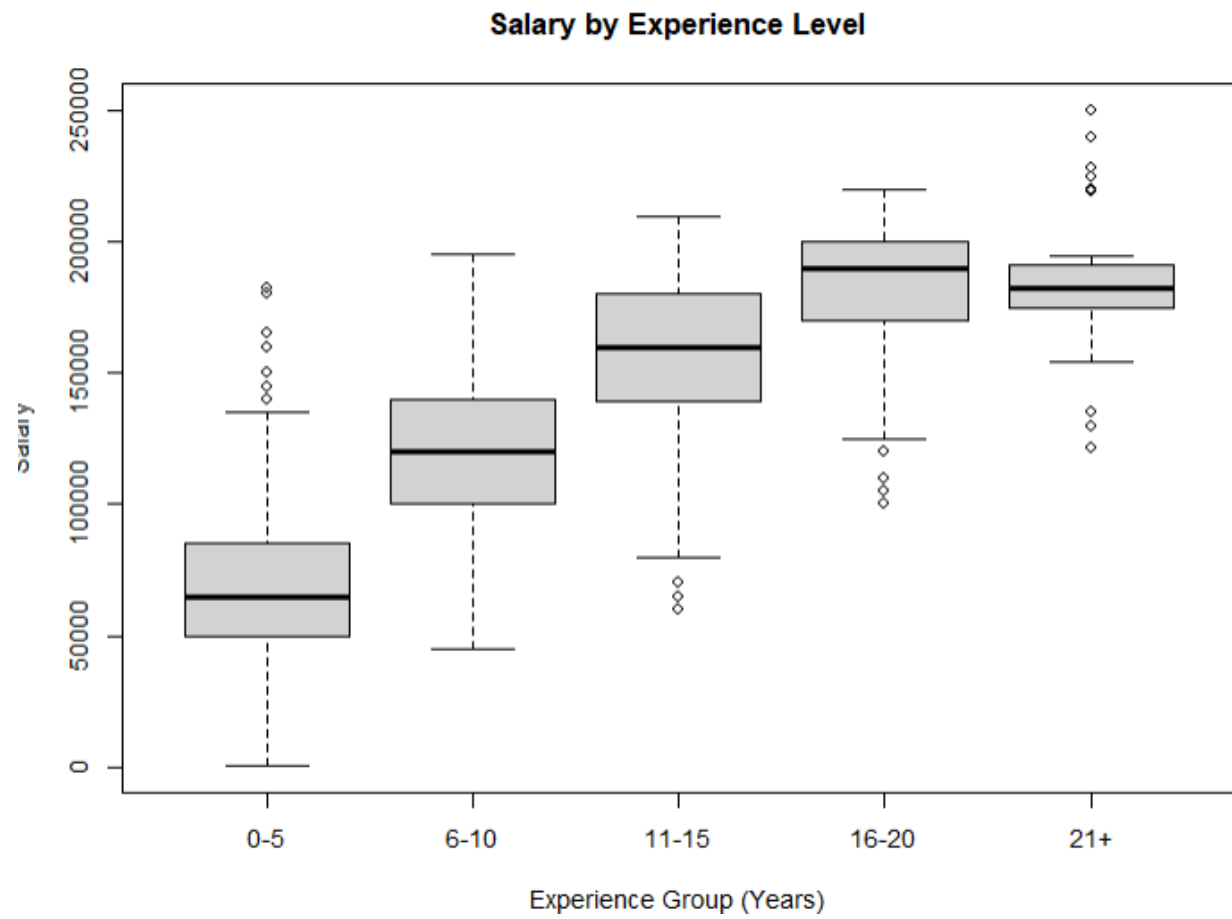
1a



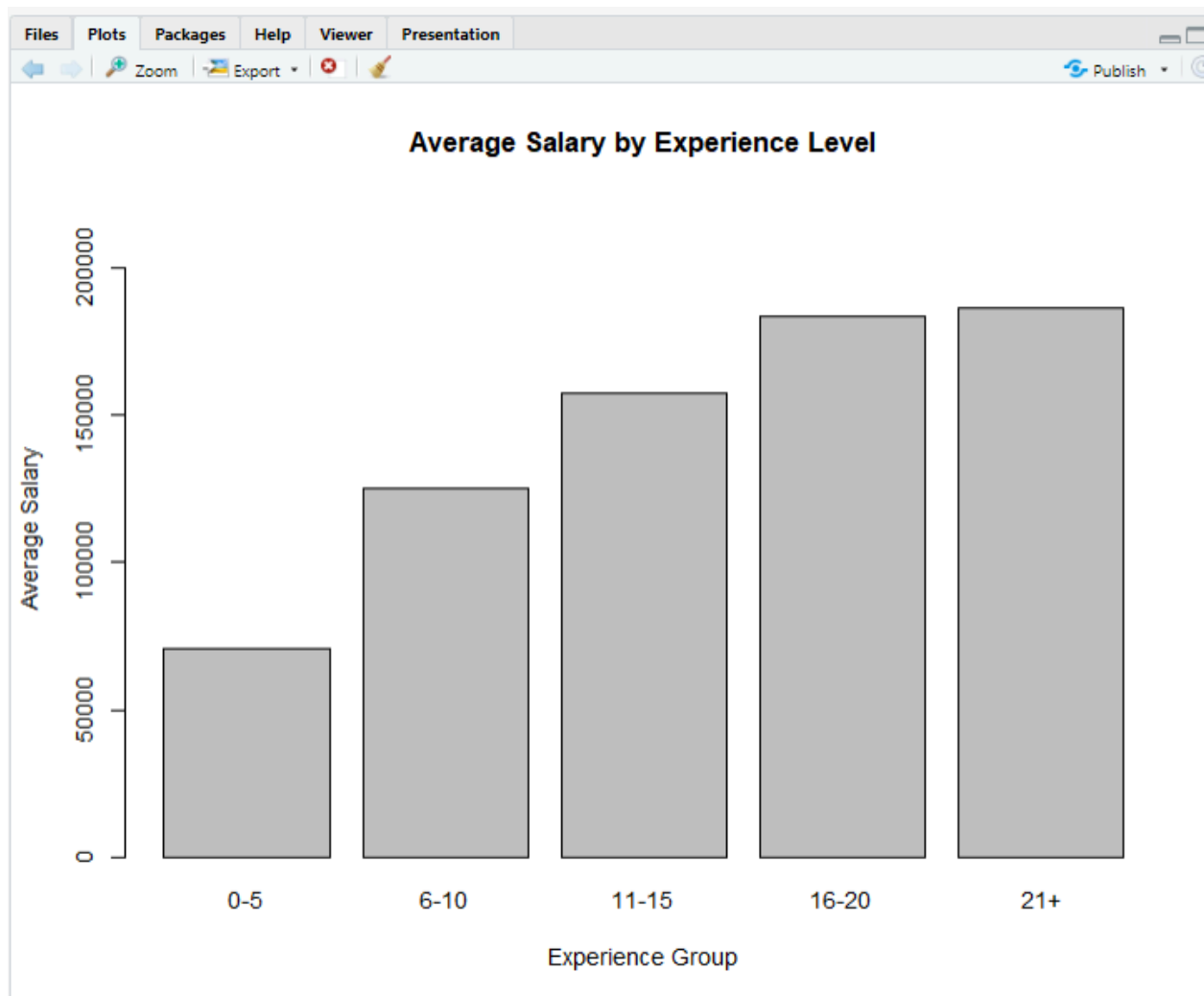
1b



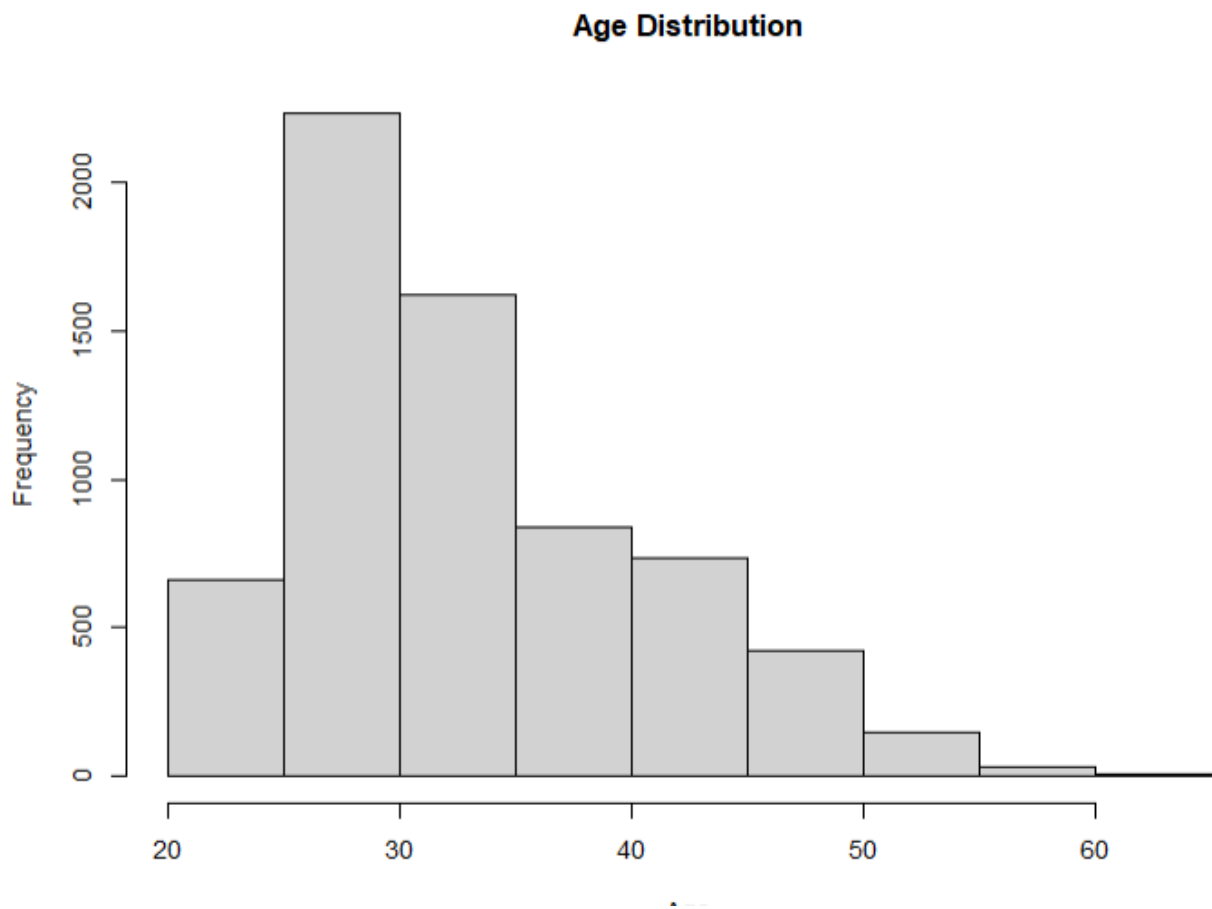
2a



2b

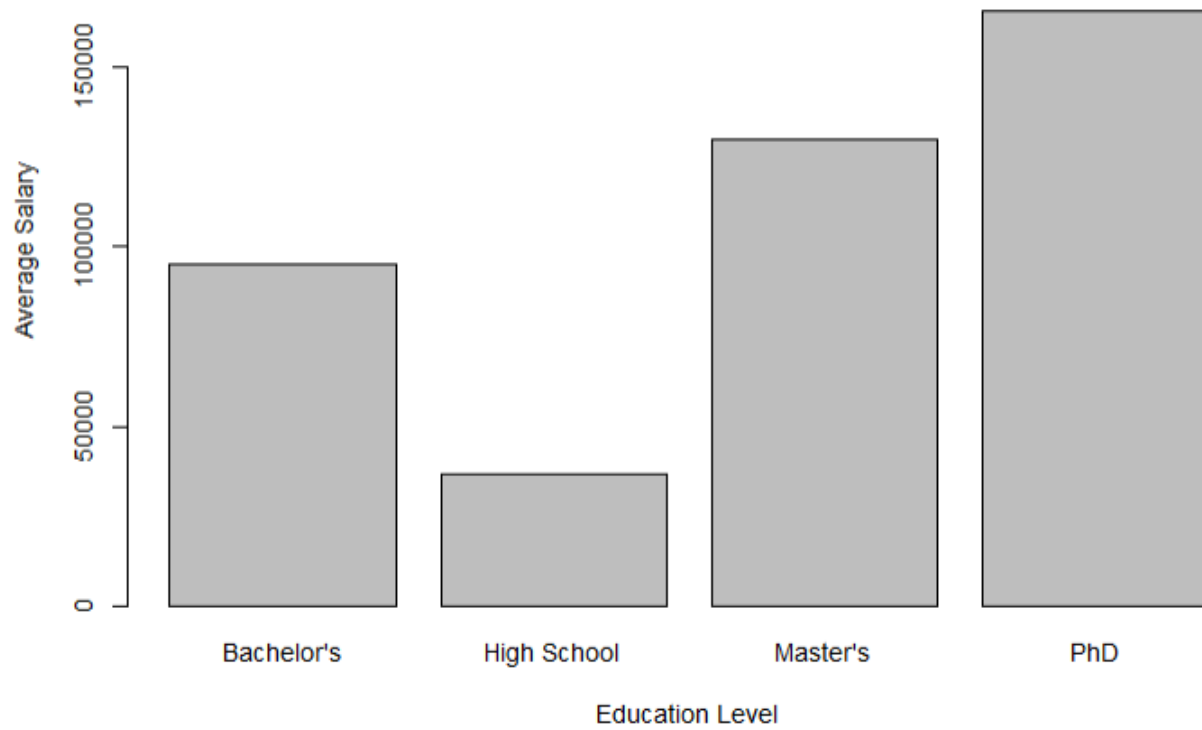


2c

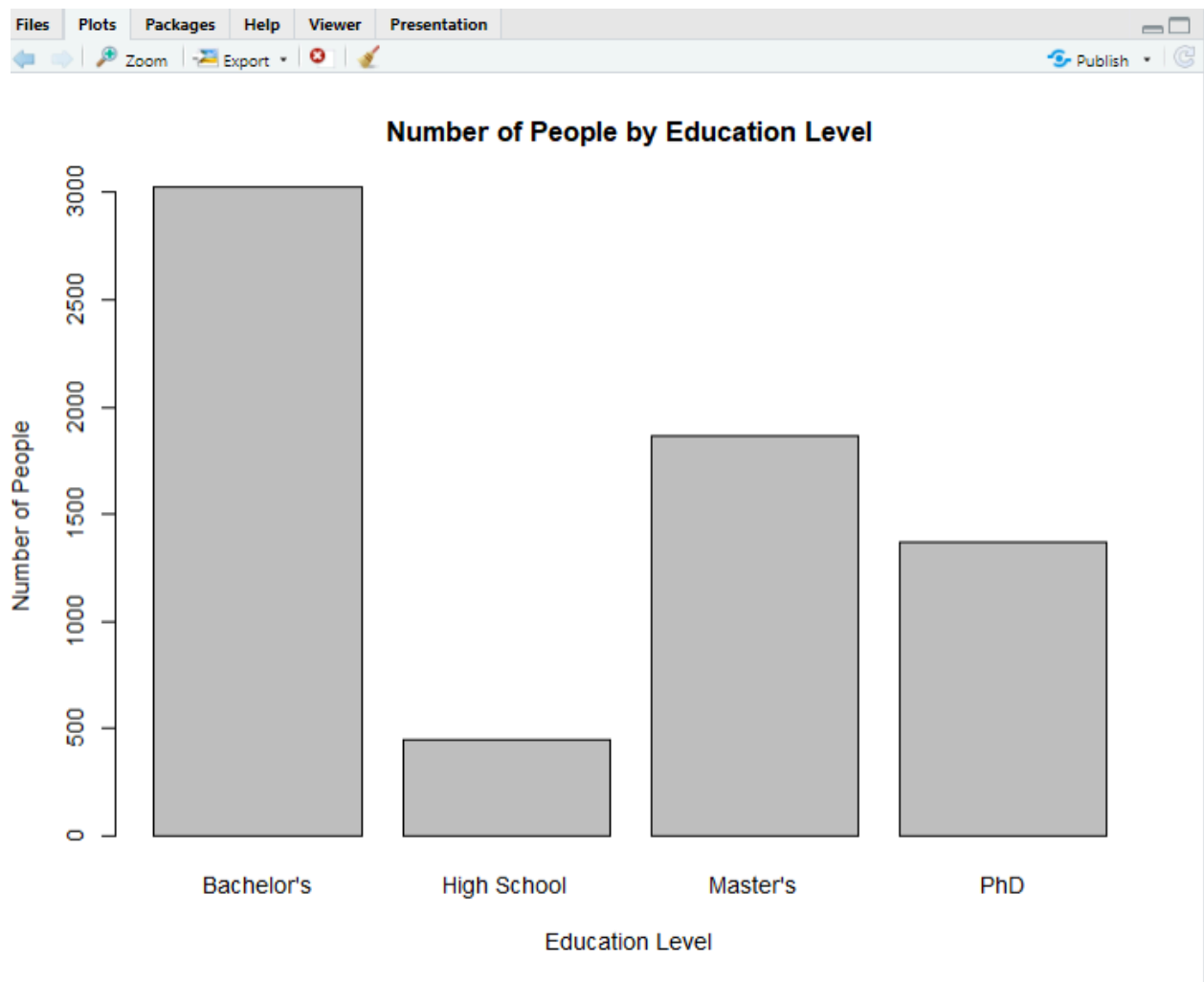


3a

**Average Salary by Education Level**

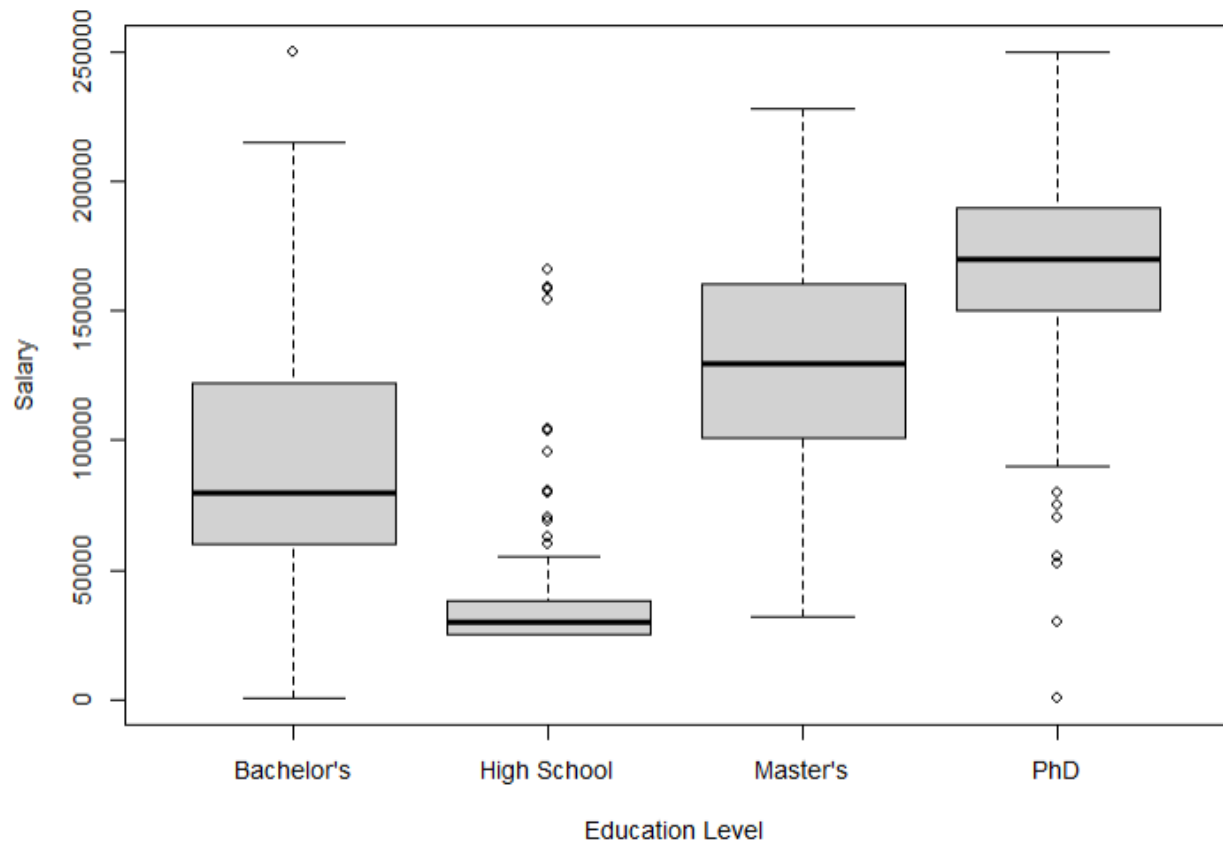


3b



3c

**Salary Distribution by Education Level**





## Linear Regression Between YOE and Salary



```
> model_salary
```

```
Call:
```

```
lm(formula = Salary ~ `Years of Experience`, data = dataset)
```

```
Coefficients:
```

```
      (Intercept)  `Years of Experience`  
            58283                7047
```

```
>
```



```
abline(model_salary, col = "red")
```

```
summary(model_salary)
```

Call:

```
lm(formula = Salary ~ `Years of Experience`, data = dataset)
```

Residuals:

Min	1Q	Median	3Q	Max
-148236	-22377	-5564	21015	100576

Coefficients:

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	58283.28	632.71	92.12	<2e-16 ***
`Years of Experience`	7046.77	62.57	112.62	<2e-16 ***

---  
Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 31030 on 6697 degrees of freedom

(5 observations deleted due to missingness)

Multiple R-squared: 0.6544, Adjusted R-squared: 0.6544

F-statistic: 1.268e+04 on 1 and 6697 DF, p-value: < 2.2e-16