

スクリプト:

```
data_1 <- read.csv("5_1_income.csv", header = TRUE, sep = ",")
data_1
reg1 <- lm(income ~ yeduc, data = data_1)
summary(reg1)
```

結果:

Call:

```
lm(formula = income ~ yeduc, data = data_1)
```

残差の分位点 (0、25%、50%、75%) です。

Residuals:

Min	1Q	Median
-330.42	-117.22	-13.52
3Q	Max	
86.48	1177.23	

Coefficients:

Estimate # 見積り

(Intercept) -56.893

yeduc 23.151

Std. Error # 標準誤差 t value # T値

(Intercept) 19.357 -2.939

yeduc 1.384 16.725

Pr(>|t|) # P値

(Intercept) 0.00331 **

yeduc < 2e-16 *** # 帰無仮説は棄却されます。

Signif. codes:

0 '***' 0.001 '**'

0.01 '*' 0.05 '.' 0.1

' ' 1

Residual standard error: 171.1 on 4325 degrees of freedom

Multiple R-squared: 0.06074, Adjusted R-squared: 0.06053 # 適合度

F-statistic: 279.7 on 1 and 4325 DF, p-value: < 2.2e-16 # F統計