> # ii

> q2b <- lm(fare ~ pass + lead\_rate, data=air)

> summary(q2b)

Call:

lm(formula = fare ~ pass + lead\_rate, data = air)

Residuals:

Min 1Q Median 3Q Max

-106.113 -41.524 -5.673 34.594 241.456

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 179.238861 3.397291 52.759 < 2e-16 \*\*\*

pass -0.008613 0.002254 -3.822 0.000141 \*\*\*

lead\_ratemed -11.234245 4.278886 -2.626 0.008785 \*\*

lead\_ratehigh -17.873542 4.267450 -4.188 3.06e-05 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 54.52 on 996 degrees of freedom

Multiple R-squared: 0.03318, Adjusted R-squared: 0.03026

F-statistic: 11.39 on 3 and 996 DF, p-value: 2.382e-07