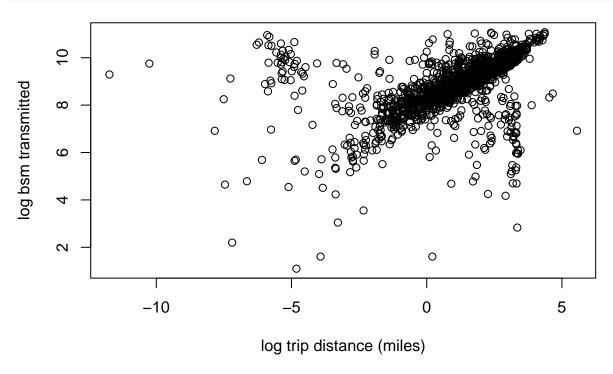
DataIO

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```
library(readr)
## Warning: package 'readr' was built under R version 4.1.2
#data <- read_csv("Downloads/FinalCleanedDataIO.csv")</pre>
data <- read_csv("Desktop/bsmrx.csv")</pre>
## Rows: 2008 Columns: 25
## -- Column specification -----
## Delimiter: ","
## chr (6): filedate, uuid, tripid, utctime(datetime), endlocaltime(datetime),...
## dbl (19): F1, device, endlatitude, endlocaltime, endlongitude, filetimeutc, ...
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
model <- lm(log(numbsmtx) ~ log(tripdistance_miles), data = data)</pre>
summary(model)
##
## Call:
## lm(formula = log(numbsmtx) ~ log(tripdistance_miles), data = data)
##
## Residuals:
##
       Min
                1Q Median
                                3Q
                                       Max
## -7.0127 -0.3004 0.1167 0.4130 4.3669
##
## Coefficients:
##
                           Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                                       0.02585 331.04
                            8.55720
                                                          <2e-16 ***
## log(tripdistance_miles) 0.30930
                                                 28.19
                                                         <2e-16 ***
                                       0.01097
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.9821 on 2006 degrees of freedom
## Multiple R-squared: 0.2837, Adjusted R-squared: 0.2834
## F-statistic: 794.6 on 1 and 2006 DF, p-value: < 2.2e-16
```



hist(resid(model), main = "Distribution of Residuals")

Distribution of Residuals

