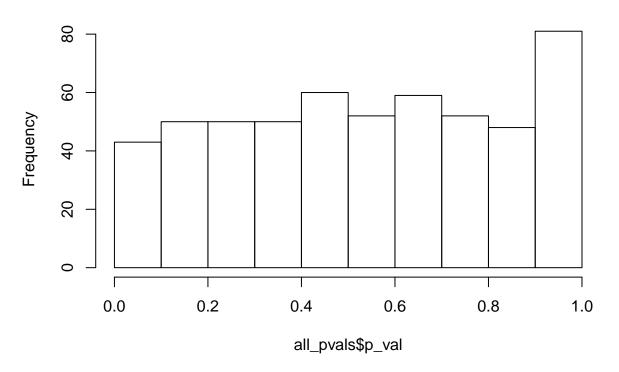
Untitled

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```
library(data.table)
library(dplyr)
## -----
## data.table + dplyr code now lives in dtplyr.
## Please library(dtplyr)!
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:data.table':
##
       between, first, last
##
## The following objects are masked from 'package:stats':
##
##
       filter, lag
## The following objects are masked from 'package:base':
##
       intersect, setdiff, setequal, union
library(ggplot2)
# Load data
post.attitude <- fread(input = "./REVISED_FINAL_POST_ATTITUDE_rename.csv",</pre>
                      header = TRUE, stringsAsFactors = TRUE)
Pre_post <- fread(input = "./Pre_post.csv",</pre>
                  header = TRUE, stringsAsFactors = TRUE)
### linear Regression on A0.3, A0.4, A0.57, A0.58, Experience
#### not enough variaion in 0.5, 0.60
# #check levels
# sapply(post.attitude %>%
           select(A0.3, A0.4, A0.56, A0.57, A0.58,
                  A0.67, A0.68, A0.69, A0.70, A0.71, A0.72,
#
#
                 Experience), function(x) levels(x))
# merge pre_post and post.attitude
pre_post.attitude <- merge(Pre_post,post.attitude,by='BPL.BLD.ID', all.x = TRUE)</pre>
# select E group
pre_post.attitude_E <- pre_post.attitude %>%
 filter(LogCheck == "Y")
```

Histogram of all_pvals\$p_val



```
all_pvals %>% filter(p_val < .05)
##
                varname col
                                   p_val
               A0.57Yes X1.4 0.017476011
## 1
## 2
               A0.57Yes X2.1 0.030605236
## 3
            (Intercept) X3.1 0.041709267
## 4
               Age44-54 X3.1 0.004290497
## 5
                 Age55+ X3.1 0.011591706
## 6
       Experience15-20Y X3.1 0.006519213
## 7
         Experience20+Y X3.1 0.002421040
## 8
        Experience5-10Y X3.1 0.003974522
```

```
## 9
               A0.56Yes X3.3 0.035350768
## 10
               A0.57Yes X3.3 0.001050115
## 11
               A0.59Yes X3.3 0.027619137
## 12
               A0.56Yes X3.6 0.040277584
## 13
               A0.56Yes X4.5 0.029526885
## 14
               A0.58Yes X4.5 0.048757364
## 15
               Age44-54 X4.5 0.009357408
## 16
                 Age55+ X4.5 0.035390824
## 17
       Experience15-20Y X4.5 0.008122051
## 18
         Experience20+Y X4.5 0.018161658
## 19
               A0.69Yes X4.8 0.023024443
## 20
               A0.57Yes X6.2 0.038793549
## 21
        Experience5-10Y X6.3 0.039922465
## 22 A0.3Very involved X7.1 0.035656837
## 23
               A0.56Yes X7.1 0.049678794
## 24
                 Age55+ X7.1 0.013745740
## 25
       Experience15-20Y X7.1 0.029065456
## 26
        Experience20+Y X7.1 0.013113864
```