

# elucidate file

Student-ID	subject	month	test	Student-name	month	date	break fast	old 'date' var
10	English	Sept						
	Math	Sept						
		Oct						
		Oct	NA					

```

main ← fun () {
  test_score ← read_intwrite (folder, file)
  test_score %>% gen-duplicate-dummy ("Student-ID",
                                       "subject",
                                       "month")
  %>% elucidate (varlist = c("subject",
                             "month",
                             "test"),
                folder = "
  )
  breakfast ← read_intwrite (
  breakfast %>% gen-duplicate-dummy (ID-list = c("Student-ID",
                                                  "month",
                                                  "date")
  %>% elucidate (varlist = c("month",
                             "date",
                             "break fast"),
                folder = "
}
gen-duplicate-dummy ← func.
  (data, ID-list)
  
```

# 10 → elucidate-  
 want to keep  
 move to read.  
 # 10

elucidate\_quantile (data, varname)

elcdt

var-name
50
:
NA

require(ggplot2)

statistic <- data %>%

dplyr::summarize(my-mean = mean(var-name),

my-max = max(.),

my-min = min(.))

my-count-all-rows =

my-count-valid-rows =

my-plot <- data %>%

dplyr::mutate(my-rank = rank(var-name,

ties.method = 'first'),

my-quantile = my-rank / statistic & my-count-valid-rows) %>%

ggplot(mapping = aes(x = my-quantiles,

y = var-name)) +

geom-point(mapping = aes(color = my-color),

size = 4,

shape?

alpha = 1 - degree-transparency) +

geom-line(mapping = aes(color = my-color),

size = 1) +

theme(panel.grid.minor.x = element\_blank(),

legend.title = element\_blank()) +

scale-x-continuous(breaks = c(0, 0.5, 1),

labels = c("0", "1/2", "1")) +

labs(title = "var-name",

x = "quantiles",

y = NUL) +

annotate(geom = "text",

x = 1,

y =   at that value.

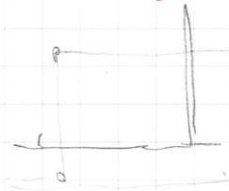
summary stats.

① rank

② summary stat

\* 1/2 %>% 1 - 1/2

=> regression



if-unc

-> common type of error in programming!

string -

rm.na == TRUE

(double or numeric?)

(!! operator necessary)

:= instead

{function call.

① quote our argument

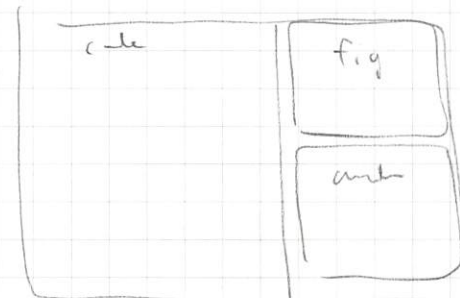
②

check

-> how to check the # rows

-> x, y do not exist

(=>



\* can operate strangely with R

Var-nat.

n-div

$\text{new}( ) \therefore \text{false} ?$

NA - gup?

check if distinct values  $< \max$

②

Save

① create & save LaTeX Table

⑤

1

Prog file.

→ how to save tables?

$$x \in \{z_1, z_2, z_3\}$$

7. 2. 2.

何にても大又夫?

- is formatting specific!

LaTeX... font  
differently.

