

# report\_new\_pckgs

## Datasummary

Here, I try simple datasummary customization.

```
# Raw, but uncontrolled
datasummary_skim( df )

# Spice up:
range_ds <- function( x ){ max( x , na.rm = TRUE ) - min( x , na.rm = TRUE ) }
tab1 <- datasummary( Heading("Bill length (mm)") * bill_length_mm +
  Heading("Bill depth (mm)") * bill_depth_mm
  ~ Mean + Median + SD + Heading("Range") * range_ds + Min + Max + N ,
  data = df ,
  output = 'kableExtra', title = 'My favorite Descriptives' )
tab1 %>%
  # column labels
  add_header_above(c(" " = 1, "Central Tendency" = 2, "Dispersion" = 2, "Others" = 3 )) %>%
  # text and background color
  row_spec(1, color = 'red') %>%
  row_spec(2, background = 'yellow') %>%
  # add fotenotes to table
  add_footnote( c("I have created this", "Believe me, this is true!!"), notation = "none" )
```

## Etable

Here, I try simple etable outputs.

## NOTE: 2 observations removed because of NA values (LHS: 2, RHS: 2).






	Unique (#)	Missing (%)	Mean	SD	Min	Median	Max	
X	344	0	172.5	99.4	1.0	172.5	344.0	
bill_length_mm	165	1	43.9	5.5	32.1	44.5	59.6	
bill_depth_mm	81	1	17.2	2.0	13.1	17.3	21.5	
flipper_length_mm	56	1	200.9	14.1	172.0	197.0	231.0	
body_mass_g	95	1	4201.8	802.0	2700.0	4050.0	6300.0	
year	3	0	2008.0	0.8	2007.0	2008.0	2009.0	

Table 1: My favorite Descriptives

	Central Tendency		Dispersion		Others		
	Mean	Median	SD	Range	Min	Max	N
Bill length (mm)	43.92	44.45	5.46	27.50	32.10	59.60	342
Bill depth (mm)	17.15	17.30	1.97	8.40	13.10	21.50	342

I have created this

Believe me, this is true!!

	lm_1
Dependent Var.:	Length of bill (mm)
(Intercept)	55.07*** (2.516)
Depth of bill (mm)	-0.6498*** (0.1457)
S.E. type	Standard
Observations	342
R2	0.05525
Adj. R2	0.05247

	lm_1
Dependent Var.:	Length of bill (mm)
(Intercept)	55.07*** [50.14; 60.00]
Depth of bill (mm)	-0.6498*** [-0.9355; -0.3642]
VCOV type	Standard
Observations	342
R2	0.06

This is pretty cool