

Latex Math Example

```
summary_single_table <- tribble( ~grpname, ~ NOAE, ~g_1, ~g_2, ~g_3, ~ g_4, ~g_5,
  '!'@ something_{<something>} CHECKMARK', 39, 5, 7, 1, 1, 1,
  '!'@ VENUS_{<something>} | VENUS_{<something>}', 9, 3, 0, 2, 0, 0,
  'PLUTO', 38, 0, 6, 0, 1, 2,
  'NEP', 11, 0, 3, 1, 0, 0)

percents_table <-
  summary_single_table %>%
  select(-'grpname') %>%
  apply(1, function(.) {
    round(. / sum(.), 2)
  }) %>%
  t()

dimnames(percents_table)[[2]] <- purrr::map_chr(dimnames(percents_table)[[2]], function(.){paste0(., '_')})
summary_single_table$N <- rowSums(summary_single_table %>% select(-'grpname'))

df <- cbind(summary_single_table, percents_table)

rename_col <- function(){
  to_rename <- summary_single_table %>% select(-'grpname')
  col_nm <- names(to_rename)
  v <- list('No AE', '!'@1_{<rad>}', '2', '3', '4', '5', 'N')
  names(v) <- col_nm
  v
}

df %>%
  gt(rowname_col = 'grpname') %>%
  tab_stubhead(label = "TESTING") %>%
  cols_move_to_start(
    columns = vars(N)
  ) %>%
  cols_merge(
    columns = starts_with('g_1'),
    pattern = '{1} ({2})'
  ) %>%
  cols_merge(
    columns = starts_with('g_2'),
    pattern = '{1} ({2})'
  ) %>%
  cols_merge(
    columns = starts_with('g_3'),
    pattern = '{1} ({2})'
  ) %>%
  cols_merge(
    columns = starts_with('g_4'),
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  pattern = '{1} ({2})'
) %>%
cols_merge(
  columns = starts_with('g_5'),
  pattern = '{1} ({2})'
) %>%
cols_merge(
  columns = starts_with('NOAE'),
  pattern = '{1} ({2})'
) %>%
tab_spanner(
  label = 'Distance',
  columns = starts_with('g_')
) %>%
tab_spanner(
  label = '',
  columns = vars(N, NOAE)
) %>%
tab_footnote(
  footnote = "Color indicates height of sun.",
  locations = cells_column_labels(
    columns = starts_with('g_'))
) %>%
cols_label(.list = rename_col()) %>%
tab_source_note(
  c(
    paste0('Script code: ', knitr::current_input()),
    paste0('Tex code: ', gsub('.Rmd', '.tex', knitr::current_input()))
  )
) %>%
as_latex()

```

TESTING	N	No AE	Distance				
			1 _{rad} ¹	2 ¹	3 ¹	4 ¹	5 ¹
<i>something</i> _{something} ✓	54	39 (0.72)	5 (0.09)	7 (0.13)	1 (0.02)	1 (0.02)	1 (0.02)
<i>VENUS</i> _{something} <i>VENUS</i> _{something}	14	9 (0.64)	3 (0.21)	0 (0.00)	2 (0.14)	0 (0.00)	0 (0.00)
PLUTO	47	38 (0.81)	0 (0.00)	6 (0.13)	0 (0.00)	1 (0.02)	2 (0.04)
NEP	15	11 (0.73)	0 (0.00)	3 (0.20)	1 (0.07)	0 (0.00)	0 (0.00)

¹Color indicates height of sun.

Script code: latex_math.Rmd
Tex code: latex_math.tex