

LaTeX Quarto test

List of Tables

<!-- This file is generated from sourcing scripts/visual-tests-latex.R You can add more tests to vignettes/gt-visual.qmd ##

```
-----  
- #| label: background-color tab <- exhibble |> gt() |> tab_options( col-  
umn_labels.background.color = "gray" ) |> tab_spanner(c(num, char), label = "A spanner") |>  
tab_header(title = "background color")
```

```
-----  
-  
#| label: tbl-background-color #| tbl-cap: "background color" #| echo: false tab
```

```
-----  
-  
#| label: complete-output tab <- pizzaplace %>% dplyr::filter(type %in% c("classic", "veggie"))  
%>% dplyr::group_by(type, size) %>% dplyr::summarize( sold = dplyr::n(), income = sum(price),  
.groups = "drop" ) %>% gt(rowname_col = "size", groupname_col = "type") %>% tab_header(title  
= "Complete output") %>% fmt_integer(columns = sold) %>% fmt_currency(columns = income)  
%>% summary_rows( fns = list(label = "All Sizes", fn = "sum"), side = c("top"), fmt = list( ~  
fmt_integer(., columns = sold), ~ fmt_currency(., columns = income) ) ) %>% tab_options( sum-  
mary_row.background.color = "gray95", row_group.as_column = TRUE ) %>% tab_stub_indent(  
rows = everything(), indent = 2 ) %>% grand_summary_rows( columns = c("sold", "income"), fns  
= list(Sum ~ sum(.)), fmt = ~ fmt_number(.) ) %>% tab_caption("Here be caption text") %>%  
tab_spanner( label = "Spanner", columns = c("sold", "income") ) %>% tab_stubhead("Stubhead la-  
bel") %>% tab_source_note("Source: the pizzeria") %>% tab_footnote("Pineapples not included")
```

```
-----  
-  
#| label: tbl-complete-output #| tbl-cap: "Complete output" #| echo: false tab
```

```

#| label: math-rendering tab <- data.frame( idx = 1:37, l_time_domain = c( "1", "bfe^{a,t}", "t^n",
,
,
,
,
, n = 1, 2, 3,
ldots", "t^p, p > -1", "
sqrtt", "t^{n-frac{1}{2}}",
,
,
,
,
, n = 1, 2, 3,
ldots", "
sin
left(at
right)", "
cos
left(at
right)", "t
sin
left(at
right)", "t
cos
left(at
right)", "
sin
left(at
right) - at
cos
left(at
right)", "
sin
left(at
right) + at
cos
left(at
right)", "
cos
left(at
right) - at
sin
left(at
right)", "
cos
left(at
right) + at
sin
left(at
right)", "
sin

```

$left(at + b$
 $right)$ ”, “
 cos
 $left(at + b$
 $right)$ ”, “
 $sinh$
 $left(at$
 $right)$ ”, “
 $cosh$
 $left(at$
 $right)$ ”, “ bfe^{at}
 sin
 $left(bt$
 $right)$ ”, “ bfe^{at}
 cos
 $left(bt$
 $right)$ ”, “ bfe^{at}
 $sinh$
 $left(bt$
 $right)$ ”, “ bfe^{at}
 $cosh$
 $left(bt$
 $right)$ ”, “ t^nbfe^{at} ,
,
,
,
,
, $n = 1, 2, 3,$
 $ldots$ ”, “ f
 $left(ct$
 $right)$ ”, “ u_c
 $left(t$
 $right) = u$
 $left(t - c$
 $right)$ ”, “
 $delta$
 $left(t - c$
 $right)$ ”, “ u_c
 $left(t$
 $right)f$
 $left(t - c$
 $right)$ ”, “ u_c
 $left(t$
 $right)g$
 $left(t$
 $right)$ ”, “ $bfe^{ct}f$
 $left(t$
 $right)$ ”, “ t^nf
 $left(t$
 $right),$
,
,
,
,

$$,n=1,2,3,$$

$$\ldots",\text{“}$$

$$\displaystyle$$

$$\frac{1}{f}$$

$$\left(t\right.$$

$$\left.\right)",\text{“}$$

$$\displaystyle$$

$$\int_0^t\left(v\right)\mathrm{d}v",\text{“}$$

$$\displaystyle$$

$$\int_0^t\left(t-\tau\right)\mathrm{d}\tau",\text{“}$$

$$\left(t+T\right.$$

$$\left.\right)=f$$

$$\left(t\right.$$

$$\left.\right)",\text{“}$$

$$\left(t\right.$$

$$\left.\right)",\text{“}$$

$$\left(t\right.$$

$$\left.\right)",\text{“}\left(n\right)$$

$$\left(t\right.$$

$$\left.\right)\text{),}\mathcal{L}_s\text{-domain}=\mathcal{C}\left(\text{“}$$

$$\frac{1}{s}$$

$$",\text{“}$$

$$\frac{1}{s}-a$$

$$",\text{“}$$

$$\frac{n!}{s^{n+1}}$$

$$",\text{“}$$

$$\frac{\Gamma(p+1)}{s^{p+1}}$$

$$",\text{“}$$

$$\frac{\sqrt{2}\pi^{\frac{3}{2}}}{s^2}$$

$$",\text{“}$$

$$\frac{1\cdot3\cdot5\cdots(2n-1)}{\sqrt{2}\pi^{\frac{n}{2}}s^{n+\frac{1}{2}}}$$

$$",\text{“}$$

$$\frac{a^2}{s^2}+a^2$$

$$",\text{“}$$

$$\frac{s^2}{s^2}+a^2$$

$$",\text{“}$$

$$\frac{2a}{s^2}\left(s^2+a^2\right)^2$$

$$",\text{“}$$

$$\frac{s^2-a^2}{s^2}\left(s^2+a^2\right)^2$$

$$",\text{“}$$

$$\frac{2a^3}{s^2}\left(s^2+a^2\right)^2$$

$$",\text{“}$$

$$\frac{2a^2}{s^2}\left(s^2+a^2\right)^2$$

$$",\text{“}$$

$$\frac{s(s^2-a^2)}{s^2}\left(s^2+a^2\right)^2$$

$$",\text{“}$$

$$\frac{s(s^2+3a^2)}{s^2}\left(s^2+a^2\right)^2$$

” “

$$\frac{\sin\left(bright) + \cos\left(bright\right)s^2 + a^2}$$

” “

$$\frac{\cos\left(bright) - \sin\left(bright\right)s^2 + a^2}$$

” “

$$\frac{as^2 - a^2}$$

” “

$$\frac{ss^2 - a^2}$$

” “

$$\frac{\left(s - a\right)^2 + b^2}$$

” “

$$\frac{\left(s - a\right)^2 + b^2}{s - a}$$

” “

$$\frac{\left(s - a\right)^2 - b^2}{s - a}$$

” “

$$\frac{\left(s - a\right)^2 - b^2}{s - a}$$

” “

$$\frac{\left(s - a\right)^{n+1}}{n!}$$

” “

$$\frac{1}{c}F\left(\frac{1}{c}\right)$$

” “

$$\frac{bfe^{-cs}}{s}$$

”, “ bfe^{-cs} ”, “ $bfe^{-cs}F$
 $\left(s\right)$
 $\right)$ ”, “ $bfe^{-cs}\mathcal{L}$
 $\left(s\right)$
 $\left(t + c\right)\right)$ ”, “ F
 $\left(s - c\right)$
 $\right)$ ”, “ $\left(-1\right)^nF^{\left(n\right)}$
 $\left(s\right)$
 $\right)$ ”, “
 $\int_0^{\infty}F\left(u\right)du$ ”, “

$$\frac{F\left(s\right)}{s}$$

 $\left(s\right)$
 $\right)G$
 $\left(s\right)$
 $\right)$ ”, “

$$\frac{1}{c}\int_0^Tbfe^{-st}f\left(t\right)dt - bfe^{-sT}$$
”, “ sF
 $\left(s\right) - f$
 $\left(0\right)$
 $\right)$ ”, “ s^2F
 $\left(s\right) - sf$
 $\left(0\right) - f'$
 $\left(0\right)$

```
right)", "s^n F
left(s
right) = s^{n-1} f
left(0
right) = s^{n-2} f'
left(0
right)
cdots - s^{left(n-2right)}
left(0
right) = f^{left(n-1right)}
left(0
right)" ) ) |> gt() |> fmt_markdown() |> cols_label( idx = " ", l_time_domain = md("f
left(t
right) = \mathcal{L}^{-1}
left
Fleft(sright)right"), l_laplace_s_domain = md("F
left(s
right) =
\mathcal{L}
left
fleft(tright)right" ) ) |> tab_header(title = "Math Rendering") |> tab_source_note( source_note =
md("The hyperbolic functions:
cosh
left(t
right) =
\frac{bfe^t + bfe^{-t}}{2} ,
sinh
left(t
right) =
\frac{bfe^t - bfe^{-t}}{2}" ) ) |> cols_align(align = "center")
```
