Suppress automatic table name and number

Read in excel file

```
## Import
files <- list.files(pattern = "Revised2*", path = "data_raw/",
                    recursive = TRUE, full.names = TRUE)
raw.data <- read_excel(files, .name_repair = "universal")
```

Create the table lists

```
source("R/create_tables.R")
```

```
## Warning: There was 1 warning in `mutate()`.
## i In argument: `across(where(is.numeric), round, digits = 1)`.
## i In row 1.
## Caused by warning:
## ! The `...` argument of `across()` is deprecated as of dplyr 1.1.0.
## Supply arguments directly to `.fns` through an anonymous function instead.
##
##   # Previously
##   across(a:b, mean, na.rm = TRUE)
##
##   # Now
##   across(a:b, \(x) mean(x, na.rm = TRUE))
```

```
names_spaced <- c(linebreak(c("Reach", "Area", "Canopy Cover 2013 (Acres, % of unit cover)",
                              "Value\n(Number)", "Value\n(Number)", "Value\n(Number)",
                              "Value\n(Number)", "Value\n(Number)", "Value\n(Number)",
                              "Value\n(Number)"), align = "c"))
```

```
RenderTable1 <- function(table.list, filename) {
  for (i in 1:length(table.list)) {
    print(kable(table.list[[i]],
                caption = paste0(names(table.list[i]),
                                 " Watershed and Reaches", sep = " "),
                format = "latex",
                align = "l",
                booktabs = TRUE,
                longtable = FALSE,
                linesep = "",
                col.names = linebreak(c("Reach", "Area", "Canopy Cover 2013 (Acres, % of unit cover)",
                              "Canopy Cover 2019 (Acres, % of unit cover)",
                              "Change in canopy cover, 2013-2019 (Acres, % of unit cover) ",
                              "Permitted shoreline clearing in SMA, 2012-2022 (Acres)",
                              "Permitted shoreline compensatory mitigation 2012-2022 (Acres, % of change)
                              "Permitted shoreline restoration 2019-2022 (Acres, % of change)",
                              "Permitted clearing from DNR forestry permits, 2013-2021 (Acres)",
                              "Change in canopy cover not accounted for by issued SMA permits and/or DNR
```

```
            kableExtra::kable_styling(
              position = "left",
              latex_options = c("striped", "scale_down"),
              stripe_color = "gray!15",
              full_width = FALSE,
              font_size = 160) %>%
            row_spec(row = 0, background = "#048CBD", color = "white") %>%
            column_spec(1:10, width = "50cm") %>%
            add_header_above(c("Change in Tree Canopy and Supporting Metrics" = 10),
                   bold = TRUE, font_size = 225) %>%
            save_kable(., paste("figures/", names(table.list[i]), filename, ".pdf", sep = " "),
                       keep_tex = FALSE))
    cat("\n")
  }
}
```

```
RenderTable2 <- function(table.list, filename) {
  for (i in 1:length(table.list)) {
    print(kable(table.list[[i]],
                caption = paste0(names(table.list[i]),
                                 " Watershed and Reaches", sep = " "),
                format = "latex",
                align = "l",
                booktabs = TRUE,
                longtable = FALSE,
                linesep = "",
                col.names = linebreak(c("Reach", "Area", "Impervious Cover 2013 (Acres, % of total unit)
                            "Impervious Cover 2019 (Acres, % of total unit)",
                            "Change in Impervious cover, 2013-2019 (Acres, % of unit cover)",
                            "Permitted impervious surface in SMA, 2012-2022 (Acres)",
                            "Permitted over-water structures in SMA, 2012-2022 (Acres) ",
                            "Permitted shoreline compensatory mitigation 2012-2022 (Acres, % of change)
                            "Permitted shoreline restoration 2019-2022 (Acres, % of change)",
                            "Change in impervious cover not accounted for by issued SMA permits (Acres,
            kableExtra::kable_styling(
              position = "left",
              latex_options = c("striped", "scale_down"),
              stripe_color = "gray!15",
              full_width = FALSE,
              font_size = 160) %>%
            row_spec(row = 0, background = "#048CBD", color = "white") %>%
            column_spec(1:10, width = "50cm") %>%
            add_header_above(c("Change in Impervious Surface Cover and Supporting Metrics" = 10),
                   bold = TRUE, font_size = 225) %>%
            save_kable(., paste("figures/", names(table.list[i]), filename, ".pdf", sep = ""),
                       keep_tex = FALSE))
    cat("\n")
  }
}
```

```
export.table1 <- lapply(export.table1, function(x) { x["Watershed"] <- NULL; x })
export.table2 <- lapply(export.table2, function(x) { x["Watershed"] <- NULL; x })
```

```
RenderTable1(export.table1,
             filename = "Canopy")
```

```
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Allen Canyon Creek
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Burnt Bridge Creek
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Canyon Creek Canop
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Cedar Creek Canopy
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Columbia Slope Can
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ East Fork Lewis Ri
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Flume Creek Canopy
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Gee Creek Canopy
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Grand Total Canopy
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##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Lakeshore Canopy
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Salmon Creek Canop
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Washougal River Ca
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\ Whipple Creek Cano
```

```
RenderTable2(export.table2,
             filename = "Impervious")
```

```
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##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Burnt Bridge Creek
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Canyon CreekImpervi
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Cedar CreekImpervio
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Columbia SlopeImpe
##
```

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##
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Gibbons CreekImperv
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Lacamas CreekImperv
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\LakeshoreImpervious
##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Little Washougal Ri
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## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Salmon CreekImpervi
##
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##
## [1] "C:\\Users\\rlionheart\\HerreraWork\\22-07995-000_ClarkCountyTables\\figures\\Whipple CreekImperv
```

```
t <- export.table1[[1]]
t.table <- t %>%
  knitr::kable(
    caption = paste(names(export.table1[1]), "Watershed and Reaches", sep = " "),
    format = "latex",
    align = "l",
    booktabs = TRUE,
    longtable = FALSE,
    linesep = "",
    col.names = linebreak(c("Reach", "Area", "Canopy Cover 2013 (Acres, % of unit cover)",
                            "Canopy Cover 2019 (Acres, % of unit cover)", "Value\n(Number)", "Value\n(Nu
                            "Value\n(Number)", "Value\n(Number)", "Value\n(Number)",
                            "Value\n(Number)"), align = "c")) %>%
  add_header_above(c("Change in Tree Canopy and Supporting Metrics" = 10),
                   bold = TRUE) %>%
  kableExtra::kable_styling(
      position = "left",
      latex_options = c("striped", "repeat_header", "scale_down"),
      stripe_color = "gray!15",
      full_width = FALSE) %>%
  row_spec(row = 0, background = "#048CBD", color = "white") %>%
  column_spec(1:10, width = "2cm")
```

```
## Warning in stri_detect_regex(string, pattern, negate = negate, opts_regex =
## opts(pattern)): argument is not an atomic vector; coercing
```

```r
save_kable(t.table, "figures/TEST.pdf", keep_tex = FALSE)
```