## read\_dataset

Во

2024-02-19

## load library

```
library(ggplot2)
library(dplyr)
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##
       filter, lag
## The following objects are masked from 'package:base':
       intersect, setdiff, setequal, union
##
library(haven)
library(tidyr)
library(readr)
library(stringr)
library(readxl)
library(gt)
```

## read dataset

```
scd_data_yr2 <- read_sas("data/curesc_year2_v2.sas7bdat")
scd_data_yr3 <- read_sas("data/curesc_year3_v3.sas7bdat")
#remove variables that had a high missing rate, defined as greater than 80%

scd_data_yr2 <- scd_data_yr2 %>%
    #mutate(across(everything(), ~na_if(.x, 99))) %>%
    #mutate(across(everything(), ~na_if(.x, 98))) %>%
    select_if(~sum(is.na(.)) / nrow(scd_data_yr2) <= 0.2) %>%
    select(where(~n_distinct(.x, na.rm = TRUE) > 1))
```

```
scd_data_yr3 <- scd_data_yr3 %>%
  #mutate(across(everything(), ~na_if(.x, 99))) %>%
  #mutate(across(everything(), ~na_if(.x, 98))) %>%
  select if(~sum(is.na(.)) / nrow(scd data yr3) <= 0.2) %>%
  select(where(~n_distinct(.x, na.rm = TRUE) > 1))
meta_yr2 <- readxl::read_excel("data/Codebook 2020 Year 2.xlsx",</pre>
                                            col_names = T)
meta_yr2 <- meta_yr2 %>%
  fill(`Variable name`, .direction = "down")
cutoffs_2 <- stringr::str_which(meta_yr2$`Variable name`, ":")</pre>
cutoff_names2 <- str_replace(meta_yr2$`Variable name`[cutoffs_2], ":", "")</pre>
group_yr2 <- c(rep(cutoff_names2[1], cutoffs_2[2] - 1),</pre>
                rep(cutoff_names2[2], cutoffs_2[3] - cutoffs_2[2]),
                rep(cutoff_names2[3], nrow(meta_yr2) - cutoffs_2[3] + 1))
meta_yr2_lst <- split(meta_yr2, group_yr2)</pre>
meta_yr2_lst <- lapply(meta_yr2_lst, function(data_i){</pre>
  data_name <- str_replace(data_i$`Variable name`[1], ":", "")</pre>
  data <- data_i[-1, ]</pre>
  return(data)
})
meta_yr3 <- readxl::read_excel("data/Codebook 2021 Year 3.xlsx",</pre>
                                            col_names = T)
meta_yr3 <- meta_yr3 %>%
  fill(`Variable name`, .direction = "down")
cutoffs_3 <- stringr::str_which(meta_yr3$`Variable name`, ":")</pre>
cutoff_names3 <- str_replace(meta_yr3$`Variable name`[cutoffs_3], ":", "")</pre>
group_yr3 <- c(rep(cutoff_names3[1], cutoffs_3[2] - 1),</pre>
                rep(cutoff_names3[2], cutoffs_3[3] - cutoffs_3[2]),
                rep(cutoff_names3[3], nrow(meta_yr3) - cutoffs_3[3] + 1))
meta_yr3_lst <- split(meta_yr3, group_yr3)</pre>
meta_yr3_lst <- lapply(meta_yr3_lst, function(data_i){</pre>
  data_name <- str_replace(data_i$`Variable name`[1], ":", "")</pre>
  data <- data_i[-1, ]</pre>
  return(data)
})
scd_data_yr2_label <- lapply(colnames(scd_data_yr2), function(col_i){</pre>
  if(col_i == "RACEG"){
    label_df <- meta_yr2[which(tolower(meta_yr2$`Variable name`) ==</pre>
```

```
tolower("RACEGP")), ]
  } else{
    label_df <- meta_yr2[which(tolower(meta_yr2$`Variable name`) == tolower(col_i)), ]</pre>
  if(nrow(label_df) > 0 & !all(is.na(label_df$Value))){
    ret <- scd_data_yr2[, col_i, drop = T]</pre>
    ret <- tibble(label_df$Label[match(as.character(ret), label_df$Value)])</pre>
    names(ret) <- col i</pre>
  } else{
    if(nrow(label_df) == 0){print(col_i)}
    ret <- scd_data_yr2[, col_i]
 ret
})
## [1] "DUMMYID"
scd_data_yr2_label <- do.call(cbind, scd_data_yr2_label)</pre>
scd data yr3 label <- lapply(colnames(scd data yr3), function(col i){</pre>
  if(col_i == "RACEG"){
    label_df <- meta_yr3[which(tolower(meta_yr3$`Variable name`) ==</pre>
                                   tolower("RACEGP")), ]
    label_df <- meta_yr3[which(tolower(meta_yr3$`Variable name`) == tolower(col_i)), ]</pre>
  if(nrow(label_df) > 0 & !all(is.na(label_df$Value))){
    ret <- scd_data_yr3[, col_i, drop = T]</pre>
    ret <- tibble(label_df$Label[match(as.character(ret), label_df$Value)])</pre>
    names(ret) <- col i</pre>
  } else{
    if(nrow(label df) == 0){print(col i)}
    ret <- scd_data_yr3[, col_i]</pre>
  }
 ret
})
scd_data_yr3_label <- do.call(cbind, scd_data_yr3_label)</pre>
summarize_data <- function(df, id_cols){</pre>
num_vars <- purrr::map_lgl(df %>% select(-all_of(id_cols), -RACEG),
                              is.numeric)
cont_vars <- names(num_vars)[num_vars]</pre>
cat_vars <- colnames(df %>%
                          select(-all_of(id_cols)))[which(!colnames(df %>%
                          select(-all_of(id_cols))) %in% cont_vars)]
cont sum <- df %>%
```

```
select(all_of(cont_vars))%>%
  mutate(across(c(cont_vars),
                      list(`mean (sd)` = ~ paste0(round(mean(.x, na.rm = T),2) ,
                                round(sd(.x, na.rm = T), 2), ")")
                    .names = "{.col}")) %>%
  distinct() %>%
 t(.) %>%
  data.frame(.)
#colnames(cont_sum) <- cont_sum[1, ]</pre>
#cont_sum <- cont_sum[-1, ]</pre>
cat_sum <- df %>%
  select(all_of(cat_vars)) %>%
  mutate(across(c(cat_vars), as.factor))
cat_sum_wide <- cat_sum %>%
  mutate(id = row_number())%>%
  select(id)
purrr::walk(seq_len(length(cat_vars)), function(i){
    covar_i <- cat_vars[i]</pre>
    temp_df_cat <- cat_sum[ , covar_i, drop = FALSE]</pre>
    temp_df_wide <- temp_df_cat %>%
      dplyr::mutate(value = 1, id = row_number()) %>%
      pivot_wider(id_cols = c(id),
                  values_from = value,
                  names_from = !!sym(covar_i),
                  names_prefix = pasteO(covar_i, ":"),
                  values_fill = 0)
      cat_sum_wide <<- cat_sum_wide %>%
      left_join(temp_df_wide, by = c("id" = "id"))
    })
#cat_sum_wide
cat_sum <- cat_sum_wide %>%
  select(-id) %>%
 mutate(across(everything(),
                list(`n (%)` = ~paste0(sum(.x) , " (",
                                      round(mean(.x) * 100, 2),
                                      "%)")
                   ),
              .names = "{.col}")) %>%
  distinct() %>%
  t(.) %>%
  data.frame(.)
colnames(cont_sum) <- "value"</pre>
colnames(cat_sum) <- "value"</pre>
```

```
## Warning: There was 1 warning in 'mutate()'.
## i In argument: 'across(...)'.
## Caused by warning:
## ! Using an external vector in selections was deprecated in tidyselect 1.1.0.
## i Please use 'all_of()' or 'any_of()' instead.
##
             data %>% select(cont_vars)
##
##
##
             # Now:
##
             data %>% select(all_of(cont_vars))
##
## See <https://tidyselect.r-lib.org/reference/faq-external-vector.html>.
## Warning: There was 1 warning in 'mutate()'.
## i In argument: 'across(c(cat_vars), as.factor)'.
## Caused by warning:
## ! Using an external vector in selections was deprecated in tidyselect 1.1.0.
## i Please use 'all_of()' or 'any_of()' instead.
##
             # Was:
##
             data %>% select(cat_vars)
##
##
             # Now:
##
             data %>% select(all_of(cat_vars))
## See <https://tidyselect.r-lib.org/reference/faq-external-vector.html>.
## [[1]]
## <div id="mmtmxevzzk" style="padding-left:0px;padding-right:0px;padding-top:10px;padding-bottom:10px;
             <style>#mmtmxevzzk table {
             font-family: system-ui, 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Segoe UI', 'Segoe UI', Roboto, Helvetica, Arial, Segoe UI', Roboto, Helvetica, Arial, Segoe UI', 'Segoe UI', 'Se
##
             -webkit-font-smoothing: antialiased;
##
```

##

## } ## -moz-osx-font-smoothing: grayscale;

```
## #mmtmxevzzk thead, #mmtmxevzzk tbody, #mmtmxevzzk tfoot, #mmtmxevzzk tr, #mmtmxevzzk td, #mmtmxevzzk
##
     border-style: none;
## }
##
## #mmtmxevzzk p {
##
    margin: 0;
##
     padding: 0;
## }
##
## #mmtmxevzzk .gt_table {
     display: table;
     border-collapse: collapse;
##
     line-height: normal;
##
##
     margin-left: auto;
##
     margin-right: auto;
##
     color: #333333;
##
     font-size: 16px;
##
     font-weight: normal;
##
     font-style: normal;
     background-color: #FFFFFF;
##
##
     width: auto;
##
     border-top-style: solid;
     border-top-width: 2px;
##
##
     border-top-color: #A8A8A8;
##
     border-right-style: none;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
     border-bottom-color: #A8A8A8;
##
##
     border-left-style: none;
##
     border-left-width: 2px;
     border-left-color: #D3D3D3;
##
## }
##
## #mmtmxevzzk .gt_caption {
     padding-top: 4px;
##
     padding-bottom: 4px;
## }
##
## #mmtmxevzzk .gt_title {
##
     color: #333333;
     font-size: 125%;
##
##
     font-weight: initial;
     padding-top: 4px;
     padding-bottom: 4px;
##
##
    padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-color: #FFFFFF;
     border-bottom-width: 0;
##
## }
##
## #mmtmxevzzk .gt_subtitle {
   color: #333333;
```

```
font-size: 85%;
##
##
     font-weight: initial;
     padding-top: 3px;
##
##
     padding-bottom: 5px;
     padding-left: 5px;
##
##
     padding-right: 5px;
##
     border-top-color: #FFFFFF;
     border-top-width: 0;
##
## }
##
## #mmtmxevzzk .gt_heading {
     background-color: #FFFFFF;
##
     text-align: center;
##
     border-bottom-color: #FFFFFF;
##
##
     border-left-style: none;
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
##
## }
##
## #mmtmxevzzk .gt_bottom_border {
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_col_headings {
     border-top-style: solid;
     border-top-width: 2px;
##
##
     border-top-color: #D3D3D3;
##
     border-bottom-style: solid;
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
##
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
     border-right-style: none;
##
##
     border-right-width: 1px;
     border-right-color: #D3D3D3;
##
## }
##
## #mmtmxevzzk .gt_col_heading {
     color: #333333;
     background-color: #FFFFFF;
##
##
     font-size: 100%;
##
     font-weight: normal;
     text-transform: inherit;
##
##
     border-left-style: none;
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
##
     border-right-width: 1px;
```

```
border-right-color: #D3D3D3;
##
##
     vertical-align: bottom;
##
    padding-top: 5px;
##
    padding-bottom: 6px;
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     overflow-x: hidden;
## }
##
## #mmtmxevzzk .gt_column_spanner_outer {
     color: #333333;
     background-color: #FFFFFF;
##
##
     font-size: 100%;
##
     font-weight: normal;
##
     text-transform: inherit;
##
     padding-top: 0;
##
     padding-bottom: 0;
##
     padding-left: 4px;
##
    padding-right: 4px;
## }
##
## #mmtmxevzzk .gt_column_spanner_outer:first-child {
     padding-left: 0;
##
## }
##
## #mmtmxevzzk .gt_column_spanner_outer:last-child {
     padding-right: 0;
## }
##
## #mmtmxevzzk .gt_column_spanner {
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
     vertical-align: bottom;
     padding-top: 5px;
##
##
    padding-bottom: 5px;
##
     overflow-x: hidden;
##
     display: inline-block;
     width: 100%;
##
## }
##
## #mmtmxevzzk .gt_spanner_row {
     border-bottom-style: hidden;
## }
##
## #mmtmxevzzk .gt_group_heading {
     padding-top: 8px;
##
##
     padding-bottom: 8px;
##
    padding-left: 5px;
##
     padding-right: 5px;
##
     color: #333333;
##
    background-color: #FFFFFF;
    font-size: 100%;
##
##
     font-weight: initial;
```

```
text-transform: inherit;
##
##
     border-top-style: solid;
     border-top-width: 2px;
##
##
     border-top-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3:
     border-left-style: none;
##
##
     border-left-width: 1px;
     border-left-color: #D3D3D3;
##
##
     border-right-style: none;
##
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
##
     vertical-align: middle;
##
     text-align: left;
## }
##
## #mmtmxevzzk .gt_empty_group_heading {
##
     padding: 0.5px;
     color: #333333;
##
##
    background-color: #FFFFFF;
##
     font-size: 100%;
##
     font-weight: initial;
##
     border-top-style: solid;
     border-top-width: 2px;
##
##
     border-top-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
     vertical-align: middle;
##
## }
##
## #mmtmxevzzk .gt_from_md > :first-child {
     margin-top: 0;
## }
##
## #mmtmxevzzk .gt_from_md > :last-child {
##
     margin-bottom: 0;
## }
##
## #mmtmxevzzk .gt_row {
##
     padding-top: 8px;
     padding-bottom: 8px;
##
##
     padding-left: 5px;
##
    padding-right: 5px;
     margin: 10px;
##
##
     border-top-style: solid;
##
     border-top-width: 1px;
     border-top-color: #D3D3D3;
##
##
     border-left-style: none;
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
     border-right-width: 1px;
##
```

```
border-right-color: #D3D3D3;
##
##
     vertical-align: middle;
     overflow-x: hidden;
##
## }
##
## #mmtmxevzzk .gt_stub {
     color: #333333;
     background-color: #FFFFFF;
##
##
     font-size: 100%;
##
     font-weight: initial;
     text-transform: inherit;
##
     border-right-style: solid;
##
     border-right-width: 2px;
     border-right-color: #D3D3D3;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #mmtmxevzzk .gt_stub_row_group {
     color: #333333;
##
##
    background-color: #FFFFFF;
##
    font-size: 100%;
     font-weight: initial;
##
##
     text-transform: inherit;
     border-right-style: solid;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
     padding-left: 5px;
##
     padding-right: 5px;
     vertical-align: top;
##
## }
##
## #mmtmxevzzk .gt_row_group_first td {
     border-top-width: 2px;
## }
##
## #mmtmxevzzk .gt_row_group_first th {
##
     border-top-width: 2px;
## }
##
## #mmtmxevzzk .gt_summary_row {
     color: #333333;
##
     background-color: #FFFFFF;
##
##
     text-transform: inherit;
##
     padding-top: 8px;
     padding-bottom: 8px;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #mmtmxevzzk .gt_first_summary_row {
     border-top-style: solid;
     border-top-color: #D3D3D3;
##
## }
```

```
##
## #mmtmxevzzk .gt first summary row.thick {
    border-top-width: 2px;
## }
##
## #mmtmxevzzk .gt_last_summary_row {
     padding-top: 8px;
    padding-bottom: 8px;
##
##
    padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_grand_summary_row {
##
     color: #333333;
     background-color: #FFFFFF;
##
     text-transform: inherit;
##
    padding-top: 8px;
##
##
    padding-bottom: 8px;
##
    padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #mmtmxevzzk .gt_first_grand_summary_row {
##
     padding-top: 8px;
    padding-bottom: 8px;
    padding-left: 5px;
##
    padding-right: 5px;
##
     border-top-style: double;
     border-top-width: 6px;
##
     border-top-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_last_grand_summary_row_top {
##
    padding-top: 8px;
##
    padding-bottom: 8px;
    padding-left: 5px;
##
##
    padding-right: 5px;
##
     border-bottom-style: double;
     border-bottom-width: 6px;
##
##
     border-bottom-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_striped {
     background-color: rgba(128, 128, 128, 0.05);
##
## }
## #mmtmxevzzk .gt_table_body {
##
     border-top-style: solid;
##
     border-top-width: 2px;
    border-top-color: #D3D3D3;
##
     border-bottom-style: solid;
##
```

```
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_footnotes {
##
     color: #333333;
##
     background-color: #FFFFFF;
     border-bottom-style: none;
##
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
##
     border-left-style: none;
##
     border-left-width: 2px;
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
## }
##
## #mmtmxevzzk .gt_footnote {
##
     margin: Opx;
##
     font-size: 90%;
##
     padding-top: 4px;
     padding-bottom: 4px;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #mmtmxevzzk .gt_sourcenotes {
     color: #333333;
##
     background-color: #FFFFFF;
##
     border-bottom-style: none;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
##
##
     border-right-style: none;
##
     border-right-width: 2px;
     border-right-color: #D3D3D3;
##
## }
##
## #mmtmxevzzk .gt_sourcenote {
     font-size: 90%;
##
##
     padding-top: 4px;
##
     padding-bottom: 4px;
     padding-left: 5px;
##
##
     padding-right: 5px;
## }
##
## #mmtmxevzzk .gt_left {
##
     text-align: left;
## }
##
## #mmtmxevzzk .gt_center {
```

```
text-align: center;
## }
##
## #mmtmxevzzk .gt_right {
   text-align: right;
##
    font-variant-numeric: tabular-nums;
##
## #mmtmxevzzk .gt_font_normal {
    font-weight: normal;
## }
##
## #mmtmxevzzk .gt_font_bold {
     font-weight: bold;
## }
##
## #mmtmxevzzk .gt_font_italic {
   font-style: italic;
## }
##
## #mmtmxevzzk .gt_super {
    font-size: 65%;
## }
##
## #mmtmxevzzk .gt_footnote_marks {
    font-size: 75%;
##
     vertical-align: 0.4em;
##
    position: initial;
## }
##
## #mmtmxevzzk .gt_asterisk {
    font-size: 100%;
##
    vertical-align: 0;
## }
##
## #mmtmxevzzk .gt_indent_1 {
    text-indent: 5px;
## }
##
## #mmtmxevzzk .gt_indent_2 {
   text-indent: 10px;
## }
## #mmtmxevzzk .gt_indent_3 {
    text-indent: 15px;
## }
##
## #mmtmxevzzk .gt_indent_4 {
    text-indent: 20px;
## }
## #mmtmxevzzk .gt_indent_5 {
## text-indent: 25px;
## }
```

```
## </style>
##
 ##
##
  ##
   ##
   ##
  ##
 </thead>
##
 YEARTX
##
## 2012.27 (5.76)
  AGE
##
 13.66 (9.75)
##
  INTXSURV
##
## 52.34 (47.46)
##
  INTXAGVHD
43.4 (47.19)
##
  INTXCGVHD
39.58 (45.96)
##
  INTXANC
##
0.57 (0.54)
  INTXPLATELET
## 1.39 (6.6)
  INTXGF
##
## 44.27 (45.58)
  INTXSCDMAL
## 51.89 (47.36)
##
 ##
##
## 
## </div>
##
## [[2]]
## <div id="ivarrcazkl" style="padding-left:0px;padding-right:0px;padding-top:10px;padding-bottom:10px;</pre>
 <style>#ivarrcazkl table {
##
 font-family: system-ui, 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Se
##
 -webkit-font-smoothing: antialiased;
 -moz-osx-font-smoothing: grayscale;
##
## }
##
## #ivarrcazkl thead, #ivarrcazkl tbody, #ivarrcazkl tfoot, #ivarrcazkl tr, #ivarrcazkl td, #ivarrcazkl
 border-style: none;
## }
##
## #ivarrcazkl p {
##
 margin: 0;
 padding: 0;
##
## }
##
## #ivarrcazkl .gt_table {
##
 display: table;
##
 border-collapse: collapse;
##
 line-height: normal;
```

```
##
     margin-left: auto;
##
     margin-right: auto;
     color: #333333;
##
##
     font-size: 16px;
##
     font-weight: normal;
##
     font-style: normal;
     background-color: #FFFFFF;
##
     width: auto;
##
     border-top-style: solid;
##
##
     border-top-width: 2px;
##
     border-top-color: #A8A8A8;
##
     border-right-style: none;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #A8A8A8;
##
     border-left-style: none;
##
     border-left-width: 2px;
     border-left-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_caption {
     padding-top: 4px;
##
     padding-bottom: 4px;
## }
##
## #ivarrcazkl .gt_title {
     color: #333333;
##
    font-size: 125%;
##
     font-weight: initial;
##
    padding-top: 4px;
##
     padding-bottom: 4px;
##
    padding-left: 5px;
##
     padding-right: 5px;
     border-bottom-color: #FFFFFF;
##
##
     border-bottom-width: 0;
## }
##
## #ivarrcazkl .gt_subtitle {
     color: #333333;
     font-size: 85%;
##
##
     font-weight: initial;
##
     padding-top: 3px;
##
    padding-bottom: 5px;
##
    padding-left: 5px;
##
     padding-right: 5px;
##
     border-top-color: #FFFFFF;
##
     border-top-width: 0;
## }
##
## #ivarrcazkl .gt_heading {
     background-color: #FFFFFF;
##
    text-align: center;
```

```
border-bottom-color: #FFFFFF;
##
##
     border-left-style: none;
     border-left-width: 1px;
##
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
     border-right-width: 1px;
     border-right-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_bottom_border {
     border-bottom-style: solid;
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_col_headings {
##
     border-top-style: solid;
     border-top-width: 2px;
##
##
     border-top-color: #D3D3D3;
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
     border-left-style: none;
##
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
## }
##
## #ivarrcazkl .gt_col_heading {
##
     color: #333333;
     background-color: #FFFFFF;
##
##
     font-size: 100%;
     font-weight: normal;
##
     text-transform: inherit;
##
##
     border-left-style: none;
##
     border-left-width: 1px;
     border-left-color: #D3D3D3;
##
##
     border-right-style: none;
##
     border-right-width: 1px;
     border-right-color: #D3D3D3;
##
##
     vertical-align: bottom;
##
     padding-top: 5px;
##
     padding-bottom: 6px;
     padding-left: 5px;
##
##
     padding-right: 5px;
##
     overflow-x: hidden;
## }
##
## #ivarrcazkl .gt_column_spanner_outer {
     color: #333333;
##
     background-color: #FFFFFF;
##
     font-size: 100%;
##
```

```
font-weight: normal;
##
     text-transform: inherit;
##
     padding-top: 0;
##
##
    padding-bottom: 0;
     padding-left: 4px;
##
##
     padding-right: 4px;
## }
##
## #ivarrcazkl .gt_column_spanner_outer:first-child {
##
     padding-left: 0;
## }
##
## #ivarrcazkl .gt_column_spanner_outer:last-child {
     padding-right: 0;
## }
##
## #ivarrcazkl .gt_column_spanner {
     border-bottom-style: solid;
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
##
    vertical-align: bottom;
##
    padding-top: 5px;
##
    padding-bottom: 5px;
##
     overflow-x: hidden;
##
     display: inline-block;
##
     width: 100%;
## }
## #ivarrcazkl .gt_spanner_row {
     border-bottom-style: hidden;
## }
##
## #ivarrcazkl .gt_group_heading {
##
     padding-top: 8px;
     padding-bottom: 8px;
##
##
    padding-left: 5px;
##
    padding-right: 5px;
##
     color: #333333;
     background-color: #FFFFFF;
##
##
     font-size: 100%;
##
     font-weight: initial;
     text-transform: inherit;
##
##
     border-top-style: solid;
##
     border-top-width: 2px;
##
     border-top-color: #D3D3D3;
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
##
     border-left-width: 1px;
     border-left-color: #D3D3D3;
##
##
     border-right-style: none;
##
     border-right-width: 1px;
     border-right-color: #D3D3D3;
##
```

```
##
     vertical-align: middle;
##
    text-align: left;
## }
##
## #ivarrcazkl .gt_empty_group_heading {
##
    padding: 0.5px;
##
    color: #333333;
    background-color: #FFFFFF;
##
##
    font-size: 100%;
##
    font-weight: initial;
    border-top-style: solid;
##
    border-top-width: 2px;
##
    border-top-color: #D3D3D3;
##
    border-bottom-style: solid;
##
    border-bottom-width: 2px;
    border-bottom-color: #D3D3D3;
##
##
    vertical-align: middle;
## }
##
## #ivarrcazkl .gt_from_md > :first-child {
##
    margin-top: 0;
## }
##
## #ivarrcazkl .gt_from_md > :last-child {
    margin-bottom: 0;
## }
##
## #ivarrcazkl .gt_row {
##
    padding-top: 8px;
##
    padding-bottom: 8px;
##
    padding-left: 5px;
##
    padding-right: 5px;
##
    margin: 10px;
    border-top-style: solid;
##
##
    border-top-width: 1px;
##
    border-top-color: #D3D3D3;
##
    border-left-style: none;
##
    border-left-width: 1px;
    border-left-color: #D3D3D3;
##
##
    border-right-style: none;
##
    border-right-width: 1px;
    border-right-color: #D3D3D3;
##
##
     vertical-align: middle;
##
     overflow-x: hidden;
## }
##
## #ivarrcazkl .gt_stub {
##
     color: #333333;
     background-color: #FFFFFF;
##
##
    font-size: 100%;
    font-weight: initial;
##
    text-transform: inherit;
##
    border-right-style: solid;
##
##
    border-right-width: 2px;
```

```
border-right-color: #D3D3D3;
##
##
     padding-left: 5px;
    padding-right: 5px;
##
## }
##
## #ivarrcazkl .gt_stub_row_group {
     color: #333333:
     background-color: #FFFFFF;
##
##
     font-size: 100%;
##
     font-weight: initial;
     text-transform: inherit;
##
    border-right-style: solid;
##
     border-right-width: 2px;
##
    border-right-color: #D3D3D3;
##
     padding-left: 5px;
##
     padding-right: 5px;
##
    vertical-align: top;
## }
##
## #ivarrcazkl .gt_row_group_first td {
##
    border-top-width: 2px;
## }
##
## #ivarrcazkl .gt_row_group_first th {
    border-top-width: 2px;
##
## #ivarrcazkl .gt_summary_row {
     color: #333333;
##
##
     background-color: #FFFFFF;
     text-transform: inherit;
##
##
    padding-top: 8px;
##
    padding-bottom: 8px;
##
    padding-left: 5px;
     padding-right: 5px;
##
## }
##
## #ivarrcazkl .gt_first_summary_row {
    border-top-style: solid;
     border-top-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_first_summary_row.thick {
##
     border-top-width: 2px;
## }
##
## #ivarrcazkl .gt_last_summary_row {
     padding-top: 8px;
    padding-bottom: 8px;
##
##
     padding-left: 5px;
##
    padding-right: 5px;
##
    border-bottom-style: solid;
    border-bottom-width: 2px;
##
##
    border-bottom-color: #D3D3D3;
```

```
## }
##
## #ivarrcazkl .gt_grand_summary_row {
     color: #333333;
##
##
     background-color: #FFFFFF;
##
     text-transform: inherit;
##
     padding-top: 8px;
     padding-bottom: 8px;
##
##
     padding-left: 5px;
##
    padding-right: 5px;
## }
##
## #ivarrcazkl .gt_first_grand_summary_row {
##
     padding-top: 8px;
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
     padding-right: 5px;
     border-top-style: double;
##
     border-top-width: 6px;
##
     border-top-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_last_grand_summary_row_top {
##
     padding-top: 8px;
##
     padding-bottom: 8px;
    padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-style: double;
##
     border-bottom-width: 6px;
     border-bottom-color: #D3D3D3;
## }
##
## #ivarrcazkl .gt_striped {
     background-color: rgba(128, 128, 128, 0.05);
## }
##
## #ivarrcazkl .gt table body {
##
     border-top-style: solid;
     border-top-width: 2px;
##
     border-top-color: #D3D3D3;
##
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #ivarrcazkl .gt_footnotes {
     color: #333333;
##
##
     background-color: #FFFFFF;
     border-bottom-style: none;
##
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
##
    border-left-style: none;
##
     border-left-width: 2px;
     border-left-color: #D3D3D3;
##
```

```
border-right-style: none;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
## }
##
## #ivarrcazkl .gt_footnote {
    margin: Opx;
     font-size: 90%;
##
##
     padding-top: 4px;
##
     padding-bottom: 4px;
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #ivarrcazkl .gt_sourcenotes {
##
     color: #333333;
##
     background-color: #FFFFFF;
     border-bottom-style: none;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
##
     border-left-style: none;
##
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
## }
## #ivarrcazkl .gt_sourcenote {
     font-size: 90%;
     padding-top: 4px;
##
##
    padding-bottom: 4px;
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #ivarrcazkl .gt_left {
##
     text-align: left;
## }
##
## #ivarrcazkl .gt_center {
    text-align: center;
##
## }
##
## #ivarrcazkl .gt_right {
     text-align: right;
     font-variant-numeric: tabular-nums;
##
## }
## #ivarrcazkl .gt_font_normal {
##
     font-weight: normal;
## }
##
## #ivarrcazkl .gt_font_bold {
```

```
##
  font-weight: bold;
## }
##
## #ivarrcazkl .gt_font_italic {
##
  font-style: italic;
## }
## #ivarrcazkl .gt_super {
  font-size: 65%;
## }
##
## #ivarrcazkl .gt_footnote_marks {
  font-size: 75%;
##
  vertical-align: 0.4em;
##
  position: initial;
## }
##
## #ivarrcazkl .gt_asterisk {
  font-size: 100%;
##
##
  vertical-align: 0;
## }
##
## #ivarrcazkl .gt_indent_1 {
  text-indent: 5px;
##
## }
## #ivarrcazkl .gt_indent_2 {
  text-indent: 10px;
## }
##
## #ivarrcazkl .gt_indent_3 {
  text-indent: 15px;
## }
##
## #ivarrcazkl .gt_indent_4 {
## text-indent: 20px;
## }
##
## #ivarrcazkl .gt_indent_5 {
##
  text-indent: 25px;
## }
## </style>
  ##
##
  <thead>
##
    ##
     ##
##
   ##
  </thead>
##
  ##
    STROKEHI
##
##
   ##
    No/
```

```
## 680 (45.58%)
 Yes
##
## 28 (1.88%)
 Not Reported
##
## 784 (52.55%)
##
 ACSPSHI
##
##
 ##
 No/
## 688 (46.11%)
##
 Not Reported
784 (52.55%)
##
##
 Yes
20 (1.34%)
##
 ##
 VOCPSHI
##
 ##
 No/
## 654 (43.83%)
##
 Not Reported
784 (52.55%)
##
 Yes
##
## 54 (3.62%)
##
 RCMVPR
##
##
 Pos
##
## 684 (45.84%)
 Negative
##
## 677 (45.38%)
 Not collected before 2008
##
## 130 (8.71%)
##
 Not Reported
1 (0.07%)
##
##
 ##
 SEX
##
 ##
 Fem
## 679 (45.51%)
 Male
##
813 (54.49%)
##
 ##
 ETHNICIT
##
##
 Non
##
## 1122 (75.2%)
 Not Reported
##
223 (14.95%)
##
 Hispanic or Latino
##
Non-resident of the U.S.
##
## 31 (2.08%)
##
 ##
 DONORF
```

```
##
 ##
 HLA
935 (62.67%)
 ##
##
165 (11.06%)
 Matched unrelated donor
##
155 (10.39%)
 HLA mismatch relative
##
## 237 (15.88%)
##
 ##
 GRAFTYPE
##
 ##
 per
289 (19.37%)
##
 Bone marrow
##
##
1040 (69.71%)
##
 Unrelated cord blood
163 (10.92%)
##
 AGEGPFF
##
##
 ##
 18-
## 265 (17.76%)
 <=10
##
## 664 (44.5%)
##
 11-17
446 (29.89%)
##
 30-49
##
## 105 (7.04%)
 >=50
##
## 12 (0.8%)
##
 KPS
##
 ##
 &lt
## 222 (14.88%)
##
 >=90
## 1112 (74.53%)
 Not Reported
##
## 103 (6.9%)
 >=80 (before 2008)
55 (3.69%)
##
##
 HCTCIGPF
##
##
 Not
##
## 263 (17.63%)
 0-2
##
819 (54.89%)
##
 3+
##
## 410 (27.48%)
##
 ##
 SUBDIS1F
##
```

```
##
 Hem
Hemoglobin Sf-thalassemia
##
##
##
 ATGF
##
##
 ##
 Alex
##
635 (42.56%)
 None
##
##
124 (8.31%)
 ATG
##
##
706 (47.32%)
 Not Reported
##
## 27 (1.81%)
##
 YEARGPF
##
##
 &lt
##
##
264 (17.69%)
 2008-2012
##
339 (22.72%)
##
 2013-2017
##
## 638 (42.76%)
##
 2018-2019
251 (16.82%)
##
 DEAD
##
##
##
 Ali
##
1345 (90.15%)
##
 Dead
147 (9.85%)
 ##
##
 GVHD_FINAL
##
##
 CNI
## 105 (7.04%)
 CNI + MTX
##
669 (44.84%)
##
 MTX alone
##
11 (0.74%)
##
 CNI + MMF
##
##
295 (19.77%)
 Ex-vivo T-cell depletion
##
## 20 (1.34%)
 CD 34 selection
##
59 (3.95%)
##
##
 Not Reported
## 34 (2.28%)
 Post-CY + MMF + CNI
##
## 50 (3.35%)
 MMF + MTX
##
## 1 (0.07%)
```

```
##
 MMF alone
## 4 (0.27%)
##
 Post-CY + siro +/- MMF
145 (9.72%)
##
##
 Siro alone
91 (6.1%)
##
 CNI + siro
##
##
6 (0.4%)
##
 MMF + siro
##
2 (0.13%)
##
 CONDGRPF
##
##
##
 Red
343 (22.99%)
##
##
 Myeloablative
789 (52.88%)
##
 Not Reported
##
63 (4.22%)
##
##
 Non-myeloablative
##
297 (19.91%)
 ##
 CONDGRP_FINAL
##
##
 Flu
##
##
236 (15.82%)
##
 Bu/Cy
##
536 (35.92%)
##
 TBI/Cy
22 (1.47%)
 TBI/Flu
##
##
13 (0.87%)
 TBI/Cy/Flu
##
99 (6.64\%)
##
 Flu/Mel
##
<\!td\ headers="CONDGRP_FINAL\ stub\_1\_74\ value"\ class="gt_row\ gt_right">\!252\ (16.89\%)<\!/td>
##
##
 Bu/Mel
Not Reported
##
30 (2.01%)
##
 Cy/Flu
##
8 (0.54%)
##
 Flu/Mel/TT
##
##
104 (6.97%)
 Flu/Bu/TT
##
## 16 (1.07%)
##
 TBI alone (300/400cGy)
##
##
 Treosulfan
##
8 (0.54%)
 TBI/Mel
##
6 (0.4%)
 TBI/Cy/Flu/TT
##
## 63 (4.22%)
```

```
##
    Cy alone
## 1 (0.07%)
##
    HLA_FINAL
##
##
    8/8
##
 1090 (73.06%)
    <=6/8
##
## 330 (22.12%)
    7/8
##
 72 (4.83%)
    ##
      FLAG_LANCET
##
##
##
    No
## 582 (39.01%)
    Yes
##
 910 (60.99%)
##
    FLAG_BL00D
##
##
    No
##
## 1333 (89.34%)
    Yes
##
## 159 (10.66%)
##
    ##
      AGVHD
##
    ##
    No
## 1160 (77.75%)
    Yes
##
## 274 (18.36%)
##
    Not reported
## 22 (1.47%)
    Acute GVHD, grade unknown
##
## 36 (2.41%)
##
    ##
      CGVHD
##
    No
##
\label{thm:class=gt_row_gt_right} $$\#$ 1139 (76.34\%)
    Yes
##
\label{thm:condition} \parbox{0.05\line properties of the conditions} \parbo
    Not Reported
##
## 30 (2.01%)
    ##
##
      ANC
    ##
    Yes
## 1438 (96.38%)
    Not Reported
##
## 34 (2.28%)
    No
##
## 20 (1.34%)
```

```
##
##
 PLATELET
##
Ye
##
## 1324 (88.74%)
Not Reported
##
104 (6.97%)
No
##
## 64 (4.29%)
##
##
 GF
##
##
Ye
##
260 (17.43%)
No
##
## 1204 (80.7%)
Not evaluable (Neutrophil rec
##
28 (1.88%)
##
##
 EFS
##
Ev
##
## 372 (24.93%)
No event
##
## 1098 (73.59%)
Not Reported
##
22 (1.47%)
##
##
DWOAGVHD
##
##
No
##
1428 (95.71%)
##
Yes
##
55 (3.69%)
##
Not Reported
##
## 9 (0.6%)
##
##
 DWOCGVHD
##
No
##
1410 (94.5%)
##
Yes
##
## 71 (4.76%)
Not Reported
##
##
DWOANC
##
##
No
## 1480 (99.2%)
Not Reported
##
## 9 (0.6%)
Yes
##
## 3 (0.2%)
```

```
##
##
 DWOPLATELET
##
 No
##
##
1436 (96.25%)
 Not Reported
##
28 (1.88%)
##
##
 Yes
##
28 (1.88%)
##
 ##
 DWOGF
##
 ##
 No
##
1380 (92.49%)
 Yes
##
##
106 (7.1%)
 Not Reported
##
6 (0.4%)
##
 SCDMAL_FINAL
##
##
 ##
 No:
1454 (97.45%)
##
 Acute myelogenous leukemia</ti>
##
## 5 (0.34%)
##
 Not Reported
9 (0.6%)
##
##
 Central nervous system malign
2 (0.13%)
##
##
 EBV lymphoma
## 11 (0.74%)
##
 Genitourinary malignancy
##
1 (0.07%)
 Myelodysplastic syndrome
##
4 (0.27%)
##
 Myofibroblastic tumor
##
1 (0.07%)
##
 Clonal cytogenetic abnormality
## 1 (0.07%)
 TP53 mutation
##
1 (0.07\%)
##
 T-cell large granular lymphoc
##
## 1 (0.07%)
 Sarcoma
##
## 2 (0.13%)
 ##
 RACEG
##
 ##
##
 Af
##
1275 (85.46%)
 Not Reported
##
## 65 (4.36%)
 Caucasian
##
## 114 (7.64%)
```

```
##
     Asian
## 17 (1.14%)
     0thers
##
    ##
##
## 
## </div>
summarize_data(scd_data_yr3_label, "DUMMYID")
## [[1]]
## <div id="jdfdvvtyqg" style="padding-left:0px;padding-right:0px;padding-top:10px;padding-bottom:10px;
    <style>#jdfdvvtyqg table {
    font-family: system-ui, 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Se
##
    -webkit-font-smoothing: antialiased;
##
    -moz-osx-font-smoothing: grayscale;
##
## }
##
## #jdfdvvtyqg thead, #jdfdvvtyqg tbody, #jdfdvvtyqg tfoot, #jdfdvvtyqg tr, #jdfdvvtyqg td, #jdfdvvtyqg
    border-style: none;
## }
##
## #jdfdvvtyqg p {
##
    margin: 0;
##
    padding: 0;
## }
##
## #jdfdvvtyqg .gt_table {
    display: table;
##
    border-collapse: collapse;
##
##
    line-height: normal;
##
    margin-left: auto;
##
    margin-right: auto;
##
    color: #333333;
##
    font-size: 16px;
##
    font-weight: normal;
##
    font-style: normal;
##
    background-color: #FFFFFF;
##
    width: auto;
##
    border-top-style: solid;
##
    border-top-width: 2px;
##
    border-top-color: #A8A8A8;
##
    border-right-style: none;
##
    border-right-width: 2px;
##
    border-right-color: #D3D3D3;
##
    border-bottom-style: solid;
##
    border-bottom-width: 2px;
##
    border-bottom-color: #A8A8A8;
##
    border-left-style: none;
##
    border-left-width: 2px;
    border-left-color: #D3D3D3;
##
## }
```

```
##
## #jdfdvvtyqg .gt_caption {
     padding-top: 4px;
##
     padding-bottom: 4px;
## }
##
## #jdfdvvtyqg .gt_title {
     color: #333333;
##
##
     font-size: 125%;
##
     font-weight: initial;
##
     padding-top: 4px;
##
     padding-bottom: 4px;
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-color: #FFFFFF;
##
     border-bottom-width: 0;
## }
##
## #jdfdvvtyqg .gt_subtitle {
     color: #333333;
##
##
     font-size: 85%;
##
     font-weight: initial;
##
     padding-top: 3px;
    padding-bottom: 5px;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     border-top-color: #FFFFFF;
##
     border-top-width: 0;
## }
##
## #jdfdvvtyqg .gt_heading {
     background-color: #FFFFFF;
##
     text-align: center;
     border-bottom-color: #FFFFFF;
##
     border-left-style: none;
##
     border-left-width: 1px;
##
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
     border-right-width: 1px;
##
##
     border-right-color: #D3D3D3;
## }
##
## #jdfdvvtyqg .gt_bottom_border {
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
## }
##
## #jdfdvvtyqg .gt_col_headings {
     border-top-style: solid;
##
##
     border-top-width: 2px;
##
    border-top-color: #D3D3D3;
    border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
```

```
border-bottom-color: #D3D3D3;
##
##
    border-left-style: none;
    border-left-width: 1px;
##
##
    border-left-color: #D3D3D3;
##
     border-right-style: none;
##
    border-right-width: 1px;
##
     border-right-color: #D3D3D3;
## }
##
## #jdfdvvtyqg .gt_col_heading {
     color: #333333;
    background-color: #FFFFFF;
##
##
    font-size: 100%;
##
    font-weight: normal;
##
    text-transform: inherit;
##
     border-left-style: none;
##
    border-left-width: 1px;
    border-left-color: #D3D3D3;
##
##
    border-right-style: none;
    border-right-width: 1px;
##
##
    border-right-color: #D3D3D3;
##
    vertical-align: bottom;
##
    padding-top: 5px;
##
    padding-bottom: 6px;
##
    padding-left: 5px;
    padding-right: 5px;
##
     overflow-x: hidden;
## }
##
## #jdfdvvtyqg .gt_column_spanner_outer {
     color: #333333;
##
##
     background-color: #FFFFFF;
##
    font-size: 100%;
##
    font-weight: normal;
    text-transform: inherit;
##
##
    padding-top: 0;
##
    padding-bottom: 0;
##
    padding-left: 4px;
##
    padding-right: 4px;
## }
##
## #jdfdvvtyqg .gt_column_spanner_outer:first-child {
    padding-left: 0;
## }
## #jdfdvvtyqg .gt_column_spanner_outer:last-child {
##
    padding-right: 0;
## }
## #jdfdvvtyqg .gt_column_spanner {
##
    border-bottom-style: solid;
    border-bottom-width: 2px;
##
    border-bottom-color: #D3D3D3;
##
    vertical-align: bottom;
##
```

```
padding-top: 5px;
##
##
    padding-bottom: 5px;
##
     overflow-x: hidden;
##
    display: inline-block;
##
    width: 100%;
## }
##
## #jdfdvvtyqg .gt_spanner_row {
    border-bottom-style: hidden;
## }
##
## #jdfdvvtyqg .gt_group_heading {
    padding-top: 8px;
##
    padding-bottom: 8px;
##
    padding-left: 5px;
##
    padding-right: 5px;
##
    color: #333333;
##
    background-color: #FFFFFF;
    font-size: 100%;
##
    font-weight: initial;
##
##
    text-transform: inherit;
##
    border-top-style: solid;
##
    border-top-width: 2px;
     border-top-color: #D3D3D3;
##
##
    border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
    border-bottom-color: #D3D3D3;
##
    border-left-style: none;
    border-left-width: 1px;
##
    border-left-color: #D3D3D3;
##
    border-right-style: none;
##
    border-right-width: 1px;
##
    border-right-color: #D3D3D3;
##
    vertical-align: middle;
    text-align: left;
##
## }
##
## #jdfdvvtyqg .gt_empty_group_heading {
##
    padding: 0.5px;
##
     color: #333333;
    background-color: #FFFFFF;
##
    font-size: 100%;
##
##
    font-weight: initial;
##
    border-top-style: solid;
##
     border-top-width: 2px;
    border-top-color: #D3D3D3;
##
##
    border-bottom-style: solid;
##
    border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
     vertical-align: middle;
## }
##
## #jdfdvvtyqg .gt_from_md > :first-child {
    margin-top: 0;
```

```
## }
##
## #jdfdvvtyqg .gt_from_md > :last-child {
## margin-bottom: 0;
## }
##
## #jdfdvvtyqg .gt row {
    padding-top: 8px;
##
##
    padding-bottom: 8px;
##
    padding-left: 5px;
    padding-right: 5px;
    margin: 10px;
##
##
    border-top-style: solid;
##
    border-top-width: 1px;
##
    border-top-color: #D3D3D3;
##
    border-left-style: none;
##
    border-left-width: 1px;
##
    border-left-color: #D3D3D3;
    border-right-style: none;
##
    border-right-width: 1px;
##
##
    border-right-color: #D3D3D3;
##
    vertical-align: middle;
##
     overflow-x: hidden;
## }
##
## #jdfdvvtyqg .gt_stub {
##
     color: #333333;
    background-color: #FFFFFF;
##
    font-size: 100%;
##
    font-weight: initial;
##
    text-transform: inherit;
##
    border-right-style: solid;
##
    border-right-width: 2px;
    border-right-color: #D3D3D3;
##
     padding-left: 5px;
##
    padding-right: 5px;
##
## }
##
## #jdfdvvtyqg .gt_stub_row_group {
##
     color: #333333;
     background-color: #FFFFFF;
##
     font-size: 100%;
##
##
     font-weight: initial;
##
     text-transform: inherit;
##
     border-right-style: solid;
    border-right-width: 2px;
##
##
    border-right-color: #D3D3D3;
##
    padding-left: 5px;
    padding-right: 5px;
##
    vertical-align: top;
## }
##
## #jdfdvvtyqg .gt_row_group_first td {
## border-top-width: 2px;
```

```
## }
##
## #jdfdvvtyqg .gt_row_group_first th {
## border-top-width: 2px;
## }
##
## #jdfdvvtyqg .gt_summary_row {
     color: #333333;
##
##
     background-color: #FFFFFF;
     text-transform: inherit;
##
##
     padding-top: 8px;
##
     padding-bottom: 8px;
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #jdfdvvtyqg .gt_first_summary_row {
     border-top-style: solid;
     border-top-color: #D3D3D3;
##
## }
##
## #jdfdvvtyqg .gt_first_summary_row.thick {
     border-top-width: 2px;
## }
##
## #jdfdvvtyqg .gt_last_summary_row {
    padding-top: 8px;
     padding-bottom: 8px;
##
     padding-left: 5px;
     padding-right: 5px;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #jdfdvvtyqg .gt_grand_summary_row {
##
     color: #333333;
##
     background-color: #FFFFFF;
     text-transform: inherit;
##
##
     padding-top: 8px;
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
     padding-right: 5px;
## }
##
## #jdfdvvtyqg .gt_first_grand_summary_row {
     padding-top: 8px;
##
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
     padding-right: 5px;
##
     border-top-style: double;
##
     border-top-width: 6px;
     border-top-color: #D3D3D3;
##
## }
```

```
##
## #jdfdvvtyqg .gt_last_grand_summary_row_top {
    padding-top: 8px;
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
     padding-right: 5px;
##
     border-bottom-style: double;
     border-bottom-width: 6px;
##
##
     border-bottom-color: #D3D3D3;
## }
##
## #jdfdvvtyqg .gt_striped {
     background-color: rgba(128, 128, 128, 0.05);
## }
##
## #jdfdvvtyqg .gt_table_body {
##
     border-top-style: solid;
##
     border-top-width: 2px;
##
     border-top-color: #D3D3D3;
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #jdfdvvtyqg .gt_footnotes {
     color: #333333:
##
     background-color: #FFFFFF;
##
     border-bottom-style: none;
     border-bottom-width: 2px;
##
##
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
##
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
## }
##
## #jdfdvvtyqg .gt_footnote {
##
    margin: Opx;
##
     font-size: 90%;
##
     padding-top: 4px;
##
     padding-bottom: 4px;
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #jdfdvvtyqg .gt_sourcenotes {
     color: #333333;
##
     background-color: #FFFFFF;
##
##
     border-bottom-style: none;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
##
```

```
##
     border-left-width: 2px;
    border-left-color: #D3D3D3;
##
    border-right-style: none;
##
    border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
## }
##
## #jdfdvvtyqg .gt_sourcenote {
    font-size: 90%;
##
     padding-top: 4px;
    padding-bottom: 4px;
##
    padding-left: 5px;
##
    padding-right: 5px;
## }
##
## #jdfdvvtyqg .gt_left {
##
   text-align: left;
## }
## #jdfdvvtyqg .gt_center {
## text-align: center;
## }
##
## #jdfdvvtyqg .gt_right {
## text-align: right;
## font-variant-numeric: tabular-nums;
## }
## #jdfdvvtyqg .gt_font_normal {
## font-weight: normal;
## }
##
## #jdfdvvtyqg .gt_font_bold {
## font-weight: bold;
## }
##
## #jdfdvvtyqg .gt_font_italic {
## font-style: italic;
## }
##
## #jdfdvvtyqg .gt_super {
## font-size: 65%;
## }
##
## #jdfdvvtyqg .gt_footnote_marks {
   font-size: 75%;
##
##
    vertical-align: 0.4em;
##
    position: initial;
## }
##
## #jdfdvvtyqg .gt_asterisk {
## font-size: 100%;
## vertical-align: 0;
## }
```

```
##
## #jdfdvvtyqg .gt_indent_1 {
 text-indent: 5px;
## }
##
## #jdfdvvtyqg .gt_indent_2 {
 text-indent: 10px;
## }
##
## #jdfdvvtyqg .gt_indent_3 {
 text-indent: 15px;
## }
##
## #jdfdvvtyqg .gt_indent_4 {
 text-indent: 20px;
## }
##
## #jdfdvvtyqg .gt_indent_5 {
 text-indent: 25px;
##
## }
## </style>
 ##
 <thead>
##
 ##
##
  ##
 ##
 </thead>
##
 ##
 YEARTX
## 2012.92 (5.88)
##
 AGE
##
13.82 (9.77)
 INTXSURV
##
55.2 (49.05)
##
 INTXGF
##
46.49 (47.15)
##
 INTXANC
## 0.58 (0.57)
##
 INTXPLATELET
1.47 (8.02)
 INTXAGVHD
##
45.24 (48.4)
##
 INTXCGVHD
##
44.93 (48.8)
 INTXSCDMAL
##
## 55 (48.83)
##
 INTXPTLD
## 55.11 (49.2)
##
 ##
##
## 
## </div>
```

```
##
## [[2]]
## <div id="gohbuumdyk" style="padding-left:0px;padding-right:0px;padding-top:10px;padding-bottom:10px;</pre>
     <style>#gohbuumdyk table {
     font-family: system-ui, 'Segoe UI', Roboto, Helvetica, Arial, sans-serif, 'Apple Color Emoji', 'Seg
##
     -webkit-font-smoothing: antialiased;
##
     -moz-osx-font-smoothing: grayscale;
##
## }
##
## #gohbuumdyk thead, #gohbuumdyk tbody, #gohbuumdyk tfoot, #gohbuumdyk tr, #gohbuumdyk td, #gohbuumdyk
     border-style: none;
## }
##
## #gohbuumdyk p {
##
     margin: 0;
##
     padding: 0;
## }
##
## #gohbuumdyk .gt_table {
##
     display: table;
##
    border-collapse: collapse;
##
    line-height: normal;
##
    margin-left: auto;
##
    margin-right: auto;
##
     color: #333333;
##
     font-size: 16px;
##
     font-weight: normal;
     font-style: normal;
##
     background-color: #FFFFFF;
##
##
     width: auto;
##
     border-top-style: solid;
##
     border-top-width: 2px;
##
     border-top-color: #A8A8A8;
##
     border-right-style: none;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
##
     border-bottom-color: #A8A8A8;
##
     border-left-style: none;
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
## }
##
## #gohbuumdyk .gt_caption {
     padding-top: 4px;
##
##
     padding-bottom: 4px;
## }
##
## #gohbuumdyk .gt_title {
##
     color: #333333;
##
     font-size: 125%;
##
    font-weight: initial;
##
    padding-top: 4px;
```

```
padding-bottom: 4px;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-color: #FFFFFF;
     border-bottom-width: 0;
##
## }
##
## #gohbuumdyk .gt_subtitle {
##
     color: #333333:
##
     font-size: 85%;
##
     font-weight: initial;
##
     padding-top: 3px;
##
     padding-bottom: 5px;
##
     padding-left: 5px;
     padding-right: 5px;
##
##
     border-top-color: #FFFFFF;
##
     border-top-width: 0;
## }
##
## #gohbuumdyk .gt_heading {
##
     background-color: #FFFFFF;
##
     text-align: center;
##
     border-bottom-color: #FFFFFF;
     border-left-style: none;
##
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
     border-right-width: 1px;
     border-right-color: #D3D3D3;
##
## }
##
## #gohbuumdyk .gt_bottom_border {
##
     border-bottom-style: solid;
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
## }
##
## #gohbuumdyk .gt_col_headings {
##
     border-top-style: solid;
##
     border-top-width: 2px;
##
     border-top-color: #D3D3D3;
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
##
     border-left-style: none;
     border-left-width: 1px;
##
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
## }
##
## #gohbuumdyk .gt_col_heading {
     color: #333333;
##
```

```
background-color: #FFFFFF;
##
     font-size: 100%;
##
     font-weight: normal;
##
##
     text-transform: inherit;
     border-left-style: none;
##
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3:
##
     border-right-style: none;
##
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
##
     vertical-align: bottom;
##
     padding-top: 5px;
##
     padding-bottom: 6px;
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     overflow-x: hidden;
## }
##
## #gohbuumdyk .gt_column_spanner_outer {
     color: #333333;
##
##
     background-color: #FFFFFF;
##
    font-size: 100%;
##
     font-weight: normal;
##
     text-transform: inherit;
##
     padding-top: 0;
     padding-bottom: 0;
##
     padding-left: 4px;
##
     padding-right: 4px;
## }
##
## #gohbuumdyk .gt_column_spanner_outer:first-child {
     padding-left: 0;
## }
##
## #gohbuumdyk .gt_column_spanner_outer:last-child {
     padding-right: 0;
## }
##
## #gohbuumdyk .gt_column_spanner {
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
##
     vertical-align: bottom;
##
     padding-top: 5px;
##
     padding-bottom: 5px;
     overflow-x: hidden;
##
##
     display: inline-block;
##
     width: 100%;
## }
##
## #gohbuumdyk .gt_spanner_row {
     border-bottom-style: hidden;
## }
##
```

```
## #gohbuumdyk .gt_group_heading {
##
    padding-top: 8px;
    padding-bottom: 8px;
##
##
    padding-left: 5px;
##
    padding-right: 5px;
##
    color: #333333;
    background-color: #FFFFFF;
##
     font-size: 100%;
##
##
     font-weight: initial;
##
    text-transform: inherit;
##
     border-top-style: solid;
##
     border-top-width: 2px;
##
     border-top-color: #D3D3D3;
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
##
     border-left-style: none;
##
    border-left-width: 1px;
    border-left-color: #D3D3D3;
##
##
    border-right-style: none;
##
    border-right-width: 1px;
##
    border-right-color: #D3D3D3;
##
     vertical-align: middle;
##
     text-align: left;
## }
##
## #gohbuumdyk .gt_empty_group_heading {
##
    padding: 0.5px;
##
     color: #333333;
    background-color: #FFFFFF;
##
     font-size: 100%;
##
    font-weight: initial;
##
    border-top-style: solid;
    border-top-width: 2px;
##
    border-top-color: #D3D3D3;
##
    border-bottom-style: solid;
##
##
    border-bottom-width: 2px;
##
    border-bottom-color: #D3D3D3;
##
     vertical-align: middle;
## }
##
## #gohbuumdyk .gt_from_md > :first-child {
    margin-top: 0;
## }
##
## #gohbuumdyk .gt_from_md > :last-child {
    margin-bottom: 0;
##
## }
##
## #gohbuumdyk .gt_row {
##
    padding-top: 8px;
##
    padding-bottom: 8px;
## padding-left: 5px;
##
    padding-right: 5px;
```

```
margin: 10px;
##
##
    border-top-style: solid;
     border-top-width: 1px;
##
##
     border-top-color: #D3D3D3;
##
     border-left-style: none;
##
     border-left-width: 1px;
##
     border-left-color: #D3D3D3:
##
     border-right-style: none;
##
     border-right-width: 1px;
##
     border-right-color: #D3D3D3;
     vertical-align: middle;
##
     overflow-x: hidden;
## }
##
## #gohbuumdyk .gt_stub {
##
     color: #333333;
##
     background-color: #FFFFFF;
     font-size: 100%;
##
##
    font-weight: initial;
     text-transform: inherit;
##
##
     border-right-style: solid;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #gohbuumdyk .gt_stub_row_group {
##
     color: #333333;
##
     background-color: #FFFFFF;
##
     font-size: 100%;
##
     font-weight: initial;
##
     text-transform: inherit;
##
     border-right-style: solid;
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
##
##
     padding-left: 5px;
##
    padding-right: 5px;
##
     vertical-align: top;
## }
##
## #gohbuumdyk .gt_row_group_first td {
     border-top-width: 2px;
## }
##
## #gohbuumdyk .gt_row_group_first th {
     border-top-width: 2px;
##
## }
##
## #gohbuumdyk .gt_summary_row {
##
     color: #333333;
##
     background-color: #FFFFFF;
##
     text-transform: inherit;
##
     padding-top: 8px;
```

```
padding-bottom: 8px;
##
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #gohbuumdyk .gt_first_summary_row {
     border-top-style: solid;
     border-top-color: #D3D3D3;
##
## }
##
## #gohbuumdyk .gt_first_summary_row.thick {
     border-top-width: 2px;
##
## }
##
## #gohbuumdyk .gt_last_summary_row {
##
     padding-top: 8px;
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
    padding-right: 5px;
     border-bottom-style: solid;
##
##
     border-bottom-width: 2px;
##
     border-bottom-color: #D3D3D3;
## }
##
## #gohbuumdyk .gt_grand_summary_row {
     color: #333333;
##
     background-color: #FFFFFF;
##
     text-transform: inherit;
##
     padding-top: 8px;
##
     padding-bottom: 8px;
     padding-left: 5px;
##
##
     padding-right: 5px;
## }
##
## #gohbuumdyk .gt_first_grand_summary_row {
##
     padding-top: 8px;
##
     padding-bottom: 8px;
##
    padding-left: 5px;
##
     padding-right: 5px;
##
     border-top-style: double;
     border-top-width: 6px;
##
     border-top-color: #D3D3D3;
##
## }
##
## #gohbuumdyk .gt_last_grand_summary_row_top {
     padding-top: 8px;
##
##
     padding-bottom: 8px;
##
     padding-left: 5px;
##
     padding-right: 5px;
##
     border-bottom-style: double;
     border-bottom-width: 6px;
##
     border-bottom-color: #D3D3D3;
##
## }
##
```

```
## #gohbuumdyk .gt_striped {
     background-color: rgba(128, 128, 128, 0.05);
## }
##
## #gohbuumdyk .gt_table_body {
##
     border-top-style: solid;
     border-top-width: 2px;
     border-top-color: #D3D3D3;
##
##
     border-bottom-style: solid;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
## }
##
## #gohbuumdyk .gt_footnotes {
##
     color: #333333;
##
     background-color: #FFFFFF;
##
     border-bottom-style: none;
     border-bottom-width: 2px;
##
##
     border-bottom-color: #D3D3D3;
     border-left-style: none;
##
##
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
     border-right-style: none;
##
##
     border-right-width: 2px;
     border-right-color: #D3D3D3;
##
## }
##
## #gohbuumdyk .gt_footnote {
     margin: Opx;
##
     font-size: 90%;
##
##
     padding-top: 4px;
##
     padding-bottom: 4px;
##
     padding-left: 5px;
##
     padding-right: 5px;
## }
##
## #gohbuumdyk .gt_sourcenotes {
##
     color: #333333;
     background-color: #FFFFFF;
##
##
     border-bottom-style: none;
##
     border-bottom-width: 2px;
     border-bottom-color: #D3D3D3;
##
##
     border-left-style: none;
##
     border-left-width: 2px;
##
     border-left-color: #D3D3D3;
##
     border-right-style: none;
##
     border-right-width: 2px;
##
     border-right-color: #D3D3D3;
## }
##
## #gohbuumdyk .gt_sourcenote {
     font-size: 90%;
##
##
     padding-top: 4px;
     padding-bottom: 4px;
##
```

```
padding-left: 5px;
##
##
     padding-right: 5px;
## }
##
## #gohbuumdyk .gt_left {
## text-align: left;
## }
##
## #gohbuumdyk .gt_center {
     text-align: center;
## }
##
## #gohbuumdyk .gt_right {
     text-align: right;
     font-variant-numeric: tabular-nums;
## }
##
## #gohbuumdyk .gt_font_normal {
    font-weight: normal;
##
## }
##
## #gohbuumdyk .gt_font_bold {
     font-weight: bold;
## }
##
## #gohbuumdyk .gt_font_italic {
   font-style: italic;
## }
##
## #gohbuumdyk .gt_super {
##
     font-size: 65%;
## }
##
## #gohbuumdyk .gt_footnote_marks {
     font-size: 75%;
##
##
     vertical-align: 0.4em;
##
     position: initial;
## }
##
## #gohbuumdyk .gt_asterisk {
   font-size: 100%;
##
     vertical-align: 0;
## }
##
## #gohbuumdyk .gt_indent_1 {
     text-indent: 5px;
## }
##
## #gohbuumdyk .gt_indent_2 {
    text-indent: 10px;
## }
##
## #gohbuumdyk .gt_indent_3 {
   text-indent: 15px;
```

```
## }
##
## #gohbuumdyk .gt_indent_4 {
text-indent: 20px;
## }
##
## #gohbuumdyk .gt_indent_5 {
##
text-indent: 25px;
## }
## </style>
##
 <thead>
##
 ##
##
 ##
 ##
</thead>
##
##
 ##
 RCMVPR
##
 Posi
##
## 765 (46.62%)
 Negative
##
## 745 (45.4%)
 Not collected before 2008
##
130 (7.92%)
##
##
 Not Reported
1 (0.06%)
##
##
 ##
 SEX
##
 ##
 Fema
752 (45.83%)
##
 Male
##
## 889 (54.17%)
##
 ##
 ETHNICIT
##
 Non-
##
1258 (76.66%)
 Not Reported
##
## 226 (13.77%)
 Hispanic or Latino
##
## 126 (7.68%)
 Non-resident of the U.S.
##
## 31 (1.89%)
##
 ##
 DONORF
##
 HLA
##
## 1010 (61.55%)
 Mismatched unrelated donor and
##
## 175 (10.66%)
```

```
##
 Matched unrelated donor
## 167 (10.18%)
##
 HLA mismatch relative
## 289 (17.61%)
##
 GRAFTYPE
##
##
 ##
 Per
## 333 (20.29%)
 Bone marrow
##
##
1137 (69.29%)
 Umbilical cord blood
##
##
171 (10.42%)
##
 ##
 AGEGPFF
##
 18-
##
309 (18.83%)
 <=10
##
## 718 (43.75%)
 11-17
##
## 487 (29.68%)
 30-49
##
## 114 (6.95%)
 >=50
##
13 (0.79%)
 ##
 KPS
##
##
##
 &lt
## 256 (15.6%)
##
 >=90
1226 (74.71%)
 Not Reported
##
104 (6.34%)
##
 >=80 (before 2008)
##
55 (3.35%)
##
 HCTCIGPF
##
##
 Not
##
263 (16.03%)
##
 0-2
##
903 (55.03%)
##
 3+
##
## 475 (28.95%)
##
 SUBDIS1F
##
##
 ##
 Hem
## 1558 (94.94%)
 Hemoglobin Sf-thalassemia
## 83 (5.06%)
##
```

```
##
 ATGF
##
 ##
 Alex
700 (42.66%)
##
##
 None
134 (8.17%)
##
 ATG
##
## 780 (47.53%)
 Not Reported
##
##
27 (1.65%)
##
 YEARGPF
##
##
 &lt
##
264 (16.09%)
##
##
 2008-2012
339 (20.66%)
##
##
 2013-2017
640 (39%)
##
##
 2018-2020
398 (24.25%)
##
 ##
##
 GVHD_FINAL
##
##
 CNI
##
110 (6.7%)
 CNI + MTX
##
##
710 (43.27%)
##
 MTX alone
12 (0.73%)
##
 CNI + MMF
##
308 (18.77%)
##
 Ex-vivo T-cell depletion
25 (1.52%)
##
 CD 34 selection
##
61 (3.72%)
##
##
 Not Reported
Post-CY + MMF + CNI
##
59 (3.6%)
##
 MMF + MTX
##
1 (0.06%)
##
 MMF alone
##
##
5 (0.3%)
 Post-CY + siro +/- MMF
##
## 189 (11.52%)
 Siro alone
##
##
##
 CNI + siro
##
6 (0.37%)
 MMF + siro
##
## 4 (0.24%)
 MTX + siro
##
## 2 (0.12%)
```

```
##
##
 CONDGRPF
##
##
 Red
##
378 (23.03%)
 Myeloablative
##
833 (50.76%)
 Not Reported
##
##
64 (3.9%)
 Non-myeloablative
##
366 (22.3%)
##
##
 CONDGRP_FINAL
##
##
##
 Flu
##
264 (16.09%)
 Bu/Cy
##
546 (33.27%)
##
 TBI/Cy
##
##
23 (1.4%)
 TBI/Flu
##
13 (0.79%)
##
 TBI/Cy/Flu
##
110 (6.7%)
##
 Flu/Mel
##
##
274 (16.7%)
##
 Bu/Mel
##
##
 Not Reported
31 (1.89%)
 Cy/Flu
##
##
9 (0.55%)
 Flu/Mel/TT
##
114 (6.95%)
##
 Flu/Bu/TT
##
21 (1.28%)
##
##
 TBI alone (300/400cGy)
## 121 (7.37%)
 Treosulfan
##
8 (0.49%)
##
 TBI/Mel
##
6 (0.37%)
##
 TBI/Cy/Flu/TT
##
##
98 (5.97%)
 Cy alone
##
##
##
 HLA_FINAL
##
##
 ##
 8/8
##
1177 (71.72%)
##
 <=6/8
## 383 (23.34%)
##
 7/8
```

```
## 80 (4.88%)
##
 NA
## 1 (0.06%)
 ##
##
 FLAG_LANCET
##
 No
##
## 731 (44.55%)
##
 Yes
## 910 (55.45%)
 FLAG_BL00D
##
##
 No
##
## 1482 (90.31%)
##
 Yes
## 159 (9.69%)
##
 ##
 DEAD
##
##
 Ali
## 1489 (90.74%)
 Dead
##
## 152 (9.26%)
##
GF
##
##
 Yes
##
## 288 (17.55%)
##
No
## 1323 (80.62%)
##
 Not evaluable (Neutrophil reco
30 (1.83%)
##
##
 ##
##
 Eve
## 404 (24.62%)
 No event
##
## 1212 (73.86%)
 Not Reported
## 25 (1.52%)
##
 ##
 ANC
##
 Yes
##
## 1584 (96.53%)
 Not Reported
##
##
36 (2.19%)
##
 No
## 21 (1.28%)
##
##
 PLATELET
##
```

```
##
 Yes
##
 Not Reported
104 (6.34\%)
##
##
 No
69 (4.2%)
##
##
 AGVHD
##
##
 No
##
##
1280 (78%)
 Yes
##
##
300 (18.28%)
 Not reported
##
## 22 (1.34%)
##
 Acute GVHD present, grade unk
39 (2.38\%)
##
##
 CGVHD
##
##
##
 No
1245 (75.87%)
 Yes
##
Not Reported
##
##
30 (1.83%)
##
 SCDMAL_FINAL
##
##
##
 No:
## 1610 (98.11%)
##
 Acute myelogenous leukemia</ti>
##
6 (0.37%)
 Not Reported
##
9 (0.55%)
##
 Medulloblastoma
##
1 (0.06%)
##
 ## 1 (0.06%)
 Myelodysplastic syndrome
##
4 (0.24%)
##
 Ependymoma grade 2
##
## 1 (0.06%)
 Myofibroblastic tumor
##
## 1 (0.06%)
 Clonal cytogenetic abnormality
##
## 1 (0.06%)
 TP53 mutation
##
##
1 (0.06%)
##
 T-cell large granular lymphoc
## 1 (0.06%)
##
 Acute lymphoblastic leukemia<
## 2 (0.12%)
##
 Sarcoma
```

```
## 2 (0.12%)
Kaposi sarcoma
##
1 (0.06%)
##
##
##
 DWOAGVHD
##
No
##
## 1573 (95.86%)
Yes
##
59 (3.6%)
##
##
Not Reported
9 (0.55%)
##
##
DWOCGVHD
##
##
##
No
##
Yes
75 (4.57\%)
##
##
Not Reported
## 11 (0.67%)
##
DWOANC
##
##
No
##
1630 (99.33%)
##
Not Reported
##
##
8 (0.49%)
Yes
##
## 3 (0.18%)
##
DWOPLATELET
##
##
No
##
1586 (96.65%)
##
Not Reported
##
27 (1.65%)
##
Yes
## 28 (1.71%)
##
DWOGF
##
##
##
No
##
1525 (92.93%)
Yes
##
## 111 (6.76%)
##
Not Reported
##
5 (0.3%)
##
##
 PTLD
##
##
No
## 1618 (98.6%)
##
Not Reported
```

```
## 9 (0.55%)
##
Yes
##
14 (0.85%)
##
##
 FLAG_0601
##
No
##
## 1605 (97.81%)
##
Yes
##
36 (2.19%)
##
ADIALYHI
##
##
No
##
Not reported
##
## 801 (48.81%)
Yes
##
## 11 (0.67%)
##
##
 ANXIRXHI
##
No
##
## 819 (49.91%)
Not reported
##
801 (48.81%)
##
Yes
## 21 (1.28%)
##
ARRHYTHI
##
##
##
No
834 (50.82%)
Not reported
##
801 (48.81%)
##
Yes
##
6 (0.37%)
##
AVNPSHI
##
##
No
##
## 803 (48.93%)
Not reported
##
801 (48.81%)
##
Yes
##
## 37 (2.25%)
##
CADPSHI
##
##
No
##
## 840 (51.19%)
Not reported
## 801 (48.81%)
##
```

```
##
     CATAPSHI
##
    No
##
 836 (50.94%)
##
##
    Not reported
 801 (48.81%)
##
    Yes
##
## 4 (0.24%)
##
    CHFPSHI
##
##
    No
##
##
 835 (50.88%)
##
    Not reported
## 801 (48.81%)
##
    Yes
 5 (0.3\%)
##
##
    CNSHEMHI
##
##
##
    No
 834 (50.82%)
    Not reported
##
Yes
##
 6 (0.37\%)
    ##
     DEPRRXHI
##
##
##
    No
## 813 (49.54%)
##
    Not reported
 801 (48.81%)
    Yes
##
 27 (1.65%)
##
##
    DVTCATHI
##
##
    N/
##
## 824 (50.21%)
    Not reported
##
 802 (48.87%)
##
    No
##
 6 (0.37%)
##
    Yes
##
## 9 (0.55%)
##
    DVTPEHI
##
##
    ##
    No
\label{thm:class=gt_row_gt_right} $$\# 824 (50.21\%)  $$\footnote{Thm:class=gt_row gt_right} = $$$\footnote{Thm:class=gt_row gt_right} = $$$\footnote{Thm:class=gt_right} = $$$\footnote{Thm
    Not reported
## 801 (48.81%)
##
    Yes
```

```
## 16 (0.98%)
##
    ##
      EINTUBHI
##
    ##
    No
 658 (40.1%)
##
    Not reported
##
## 882 (53.75%)
##
    Yes
 101 (6.15%)
##
##
    ENCEPHHI
##
##
    No
##
\label{thm:condition} \parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbox{$\#$}\parbo
##
    Not reported
## 801 (48.81%)
##
    Yes
 14 (0.85%)
##
##
    ##
      GODYPSHI
##
    No
##
## 797 (48.57%)
    Not reported
##
 801 (48.81%)
    Yes
##
 43 (2.62%)
##
##
    GRWDPSHI
##
##
##
    No
 821 (50.03%)
    Yes
##
 19 (1.16%)
##
    Not reported
##
 801 (48.81%)
##
    GRWDRXHI
##
##
    N/
##
## 821 (50.03%)
    Not reported
##
 816 (49.73%)
##
    No
##
## 2 (0.12%)
    Yes
##
 2 (0.12%)
##
##
    HCYSPSHI
##
##
    ##
    No
## 801 (48.81%)
    Not reported
##
```

```
## 801 (48.81%)
 Yes
##
39 (2.38%)
##
 ##
##
 HTNRXHI
##
 No
##
## 754 (45.95%)
##
 Not reported
## 801 (48.81%)
##
 Yes
86 (5.24%)
##
##
 HYLIRXHI
##
##
 ##
 No
## 838 (51.07%)
##
 Not reported
801 (48.81%)
##
##
 Yes
## 2 (0.12%)
##
 INFAPSHI
##
##
 No
##
##
837 (51.01%)
 Not reported
##
801 (48.81%)
##
 Yes
##
## 3 (0.18%)
##
##
 IPNPSHI
##
 No
##
795 (48.45%)
##
 Not reported
##
## 802 (48.87%)
##
 Yes
## 44 (2.68%)
##
IRONRXHI
##
##
 No
##
##
817 (49.79%)
 Not reported
##
## 801 (48.81%)
 Yes
##
23 (1.4\%)
##
##
MUCORXHI
##
##
 ##
 No
## 725 (44.18%)
##
 Not reported
```

```
## 801 (48.81%)
Yes
##
115 (7.01%)
##
##
 NEUROPHI
##
No
##
## 826 (50.34%)
##
Not reported
## 799 (48.69%)
##
Yes
16 (0.98%)
##
##
OMSGRDHI
##
##
##
No:
## 725 (44.18%)
Not reported
805 (49.06%)
##
##
Severe
## 49 (2.99%)
Mild
##
## 23 (1.4%)
Moderate
##
## 32 (1.95%)
##
Life-threatening
##
OSTEOPHI
##
##
##
No
##
837 (51.01%)
Not reported
##
801 (48.81%)
##
Yes
##
## 3 (0.18%)
##
##
 OSTFXHI
##
No
##
840 (51.19%)
##
Not reported
##
## 801 (48.81%)
##
OSTJAWHI
##
##
##
No
840 (51.19%)
##
Not reported
##
801 (48.81%)
##
PANCPSHI
##
##
##
No
```

```
## 829 (50.52%)
    Not reported
##
## 801 (48.81%)
    Yes
##
## 11 (0.67%)
##
    PTSDRXHI
##
##
    ##
    No
## 838 (51.07%)
##
    Not reported
 801 (48.81%)
##
##
    Yes
 2 (0.12\%)
##
##
    ##
      PULMABHI
##
    ##
    No
\label{local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_loc
##
    Yes
##
 65 (3.96%)
    Not reported
##
## 810 (49.36%)
##
    SEIZPSHI
##
##
    No
##
## 812 (49.48%)
    Not reported
##
## 801 (48.81%)
    Yes
##
## 28 (1.71%)
##
    STRKPSHI
##
##
    No
##
## 829 (50.52%)
    Not reported
##
## 799 (48.69%)
    Yes
##
##
      TMAPSHI
##
##
    ##
    No
## 811 (49.42%)
##
    Not reported
 803 (48.93%)
##
##
    Yes
## 27 (1.65%)
##
    TMARSLHI
##
##
```

N/

##

```
## 811 (49.42%)
      Not reported
##
  813 (49.54%)
      Yes
##
## 9 (0.55%)
      No
##
## 8 (0.49%)
##
      ##
       LIVBXPR
##
##
      No
  905 (55.15%)
##
##
      No
##
  621 (37.84%)
      Yes
##
  115 (7.01%)
##
##
     ##
       FIBROPR
##
      ##
      No
N/A
##
## 621 (37.84%)
      No
##
## 70 (4.27%)
##
      Yes
  38 (2.32\%)
##
##
      ACSPR
##
##
      No
##
##
  919 (56%)
##
      No
  278 (16.94%)
##
      Yes
##
\label{local_condition} \parbox{$\sharp$} \parb
##
      ##
       EXCHTFPR
      ##
      No
##
##
  1013 (61.73%)
      N/A
##
## 278 (16.94%)
      Yes
##
\label{lem:class=gt_row_gt_right} $$\# 215 (13.1\%) < ft> 
      No
##
## 135 (8.23%)
##
     ##
       INTUBAPR
##
##
      No
## 1038 (63.25%)
      N/A
##
## 278 (16.94%)
```

```
##
No
## 276 (16.82%)
Yes
##
RBCTRFPR
##
##
No
##
##
N/A
##
##
278 (16.94%)
Yes
##
##
302 (18.4%)
No
##
##
SNEPHRPR
##
##
No
##
939 (57.22%)
##
No
## 679 (41.38%)
Yes
##
##
STROKEPR
##
##
No
##
907 (55.27%)
##
## 218 (13.28%)
##
No
516 (31.44%)
##
 VOC2YPR
##
##
##
No
## 903 (55.03%)
No
##
## 278 (16.94%)
Yes
460 (28.03%)
##
##
VOCFRQPR
##
##
No
##
## 1000 (60.94%)
N/A
##
278 (16.94%)
>= 3/yr
##
## 196 (11.94%)
< 3/yr
## 167 (10.18%)
##
```

```
##
 SCATXRSN
##
 No
##
917 (55.88%)
##
##
 Stroke
143 (8.71%)
##
 ACS
##
## 122 (7.43%)
##
 Recurrent vaso-occlusive pain
310 (18.89%)
##
 Excessive transfusion required
90 (5.48%)
##
##
 Asymptomatic
33 (2.01%)
##
 Abnormal transcranial doppler
##
Cardio-pulmonary
##
3 (0.18%)
 Transplant for malignancy
##
## 1 (0.06%)
##
 Recurrent priapism
## 4 (0.24%)
 Moya-Moya
##
## 4 (0.24%)
 Renal insufficiency
##
2 (0.12%)
##
 SNEPHRHI
##
##
##
 No
## 734 (44.73%)
##
 Not reported
886 (53.99%)
 Yes
##
21 (1.28%)
##
 ##
 HBEPPSHI
##
 Ye
##
721 (43.94%)
##
 No
78 (4.75%)
##
 Not reported
##
842 (51.31%)
##
##
 STROKEHI
##
##
 No
##
##
727 (44.3%)
 Yes
##
## 29 (1.77%)
 Not Reported
## 885 (53.93%)
##
```

```
##
 VOCPSHI
##
No
##
738 (44.97%)
##
##
Not Reported
836 (50.94%)
##
Yes
##
## 67 (4.08%)
##
ACSPSHI
##
##
No
##
##
780 (47.53%)
##
Not Reported
## 837 (51.01%)
##
Yes
24 (1.46\%)
##
##
EXTUBAHI
##
##
##
N/
## 658 (40.1%)
Not reported
##
## 942 (57.4%)
Yes
##
30 (1.83%)
No
##
11 (0.67%)
##
##
##
 ADIASTLS
##
##
N/
829 (50.52%)
Not reported
##
803 (48.93%)
##
Yes
##
5 (0.3%)
No
##
## 4 (0.24%)
##
CKDNPSHI
##
##
##
No
##
820 (49.97%)
Not reported
##
Yes
##
20 (1.22\%)
##
##
CDIASTLS
##
##
##
N/
## 820 (49.97%)
##
Not reported
```

```
## 819 (49.91%)
Yes
##
##
2 (0.12%)
##
##
 HTNSTLS
##
N/
##
## 754 (45.95%)
Not reported
##
801 (48.81%)
##
##
Yes
66 (4.02%)
##
##
No
20 (1.22%)
##
##
 DIABRXHI
##
##
No
786 (47.9\%)
##
##
Not reported
801 (48.81%)
##
Yes
##
54 (3.29%)
##
##
DIABSTLS
##
##
##
N/
786 (47.9\%)
##
Not reported
##
## 839 (51.13%)
No
##
## 9 (0.55%)
Yes
##
7 (0.43%)
##
##
HYPORXHI
##
##
##
No
## 828 (50.46%)
Not reported
##
801 (48.81%)
##
Yes
##
\label{local_to_state} \parbox{0.73\%} 
##
HYLISTLS
##
##
##
N/
838 (51.07%)
##
NA
No
##
## 1 (0.06%)
Yes
##
## 1 (0.06%)
```

```
##
 SCREPRKW
##
##
Ye
##
## 822 (50.09%)
NA
##
130 (7.92\%)
##
No
##
## 689 (41.99%)
##
##
 SCREUNIT
##
##
mg
822 (50.09%)
##
Not reported
##
819 (49.91%)
##
##
##
 SCRENUNT
##
##
No
## 920 (56.06%)
mg/dL
##
721 (43.94%)
##
##
SALBPRKW
##
##
Ye
##
## 808 (49.24%)
NA
##
## 130 (7.92%)
No
##
## 703 (42.84%)
##
SALBUNIT
##
##
No
##
1118 (68.13%)
g/dL
##
## 523 (31.87%)
##
SALBNUNT
##
##
##
No
1151 (70.14%)
##
g/dL
##
##
 HB1PRKW
##
##
##
Ye
## 772 (47.04%)
No
## 739 (45.03%)
##
NA
```

```
## 130 (7.92%)
##
##
 HB1UNPR
##
##
g/
##
772 (47.04%)
Not reported
##
## 869 (52.96%)
##
HB1TFPR
##
##
No
##
## 970 (59.11%)
No
##
## 219 (13.35%)
##
Yes
##
##
FUNGHXPR
##
##
##
No
## 826 (50.34%)
Not reported
##
Yes
##
3 (0.18%)
##
 VOD
##
##
##
No
## 817 (49.79%)
##
Not reported
799 (48.69\%)
Yes
##
25 (1.52%)
##
##
##
 ARRHYTH TYPE
##
N/
##
## 834 (50.82%)
NA
##
801 (48.81%)
##
##
Atrial fibrillation or flutter
2 (0.12%)
##
Other arrhythmia
##
## 3 (0.18%)
##
Sick sinus syndrome
##
1 (0.06%)
##
IRON_TRT
##
##
##
N/
## 817 (49.79%)
##
NA
```

```
## 801 (48.81%)
##
 Iron chelation only
##
2 (0.12%)
 Phlebotomy only
##
##
19 (1.16%)
 Phlebotomy and iron chelation
##
2 (0.12%)
##
 ##
 KPSPT
##
 ##
 &l
## 120 (7.31%)
 >=90
##
656 (39.98%)
##
 Not Reported
##
865 (52.71%)
##
##
 OTHORGPSHI
##
##
 ##
 No
## 676 (41.19%)
 Not reported
##
## 801 (48.81%)
 Yes
##
## 164 (9.99%)
##
 ##
 RACEG
##
 ##
 Af
## 1403 (85.5%)
##
 Not Reported
## 80 (4.88%)
 Caucasian
##
## 118 (7.19%)
 Asian
## 17 (1.04%)
 Others
## 23 (1.4%)
 ##
##
##
## 
## </div>
#remove useless variables
#scd data clean <- select (scd data clean, -c (AGEGPFF, YEARGPF))
#time to events variables:
#INTXAGVHD, INTXCGVHD, INTXSCDMAL, INTXANC, INTXPLA_TELET, INTXGF, INTXSURV
```