Main

Wendy Shi

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```
## -- Attaching core tidyverse packages ----------------------- tidyverse 2.0.0 --
## v dplyr     1.1.3     v readr     2.1.4
## v forcats   1.0.0     v stringr   1.5.0
## v ggplot2   3.4.3     v tibble    3.2.1
## v lubridate 1.9.2     v tidyr     1.3.0
## v purrr     1.0.2
## -- Conflicts ------------------------------------------- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become error
##
## Attaching package: 'vroom'
##
##
## The following objects are masked from 'package:readr':
##
##     as.col_spec, col_character, col_date, col_datetime, col_double,
##     col_factor, col_guess, col_integer, col_logical, col_number,
##     col_skip, col_time, cols, cols_condense, cols_only, date_names,
##     date_names_lang, date_names_langs, default_locale, fwf_cols,
##     fwf_empty, fwf_positions, fwf_widths, locale, output_column,
##     problems, spec
##
##
## Rows: 572 Columns: 24
## -- Column specification -------------------------------------------------------
## Delimiter: ","
## dbl (24): ID, cold_ischemia, r_height, r_weight, r_bmi, r_age, r_caucasian, ...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## # A tibble: 6 x 24
##      ID cold_ischemia r_height r_weight r_bmi r_age r_caucasian r_genderf
##   <dbl>         <dbl>    <dbl>    <dbl> <dbl> <dbl>       <dbl>     <dbl>
## 1     1           433      183     85.5  25.5    60           1         0
## 2     2           617      180.    73.8  22.7    36           0         0
## 3     3           282      165.    63.9  23.4    52           0         1
## 4     4           349      192.    116.  31.5    53           1         0
## 5     5           310      158.    55.8  22.5    52           1         1
## 6     6           468      187.    71.8  20.6    60           1         0
## # i 16 more variables: r_meld_assign <dbl>, r_meld_calc <dbl>, d_age <dbl>,
## #   d_cod <dbl>, d_caucasian <dbl>, d_genderf <dbl>, donorrisk <dbl>,
```

```
## #   sodium <dbl>, steatosis <dbl>, sbp_lt_90 <dbl>, hemo_instability <dbl>,
## #   glucount <dbl>, glutwa <dbl>, glurange <dbl>, glusd <dbl>, delayed_fn <dbl>

## Warning: Using `size` aesthetic for lines was deprecated in ggplot2 3.4.0.
## i Please use `linewidth` instead.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_lifecycle_warnings()` to see where this warning was
## generated.
```
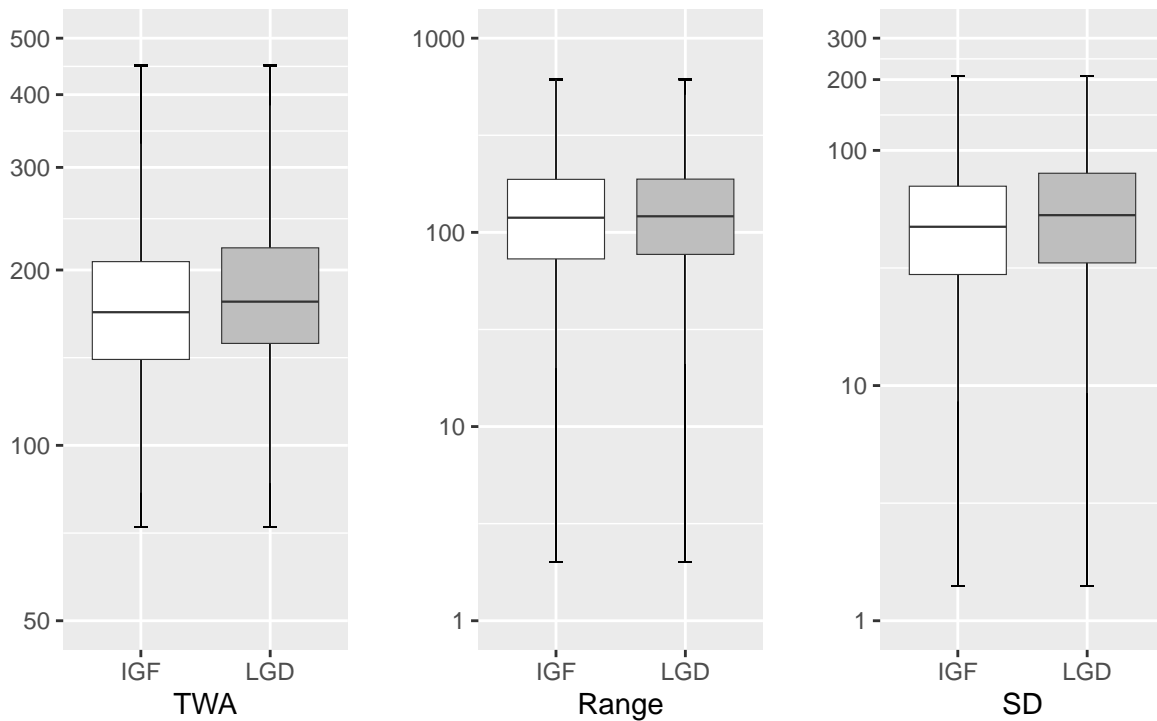
Donor Glucose Measures mg/dl

Figure 1: Boxplots of time-weighted average of donor glucose measurements, donor glucose range, and donor glucose standard deviation for 427 recipients experiencing initial graft function (IGF in white) and for 145 recipients experiencing liver graft dysfunction (LGD, in gray).