Parkinson's data

```
library(foreign)
library(skimr)
library(tidyr)
library(dplyr)
```

```
PD_Group_Only = read.spss(here::here("data", "All_Data_PD_GroupPatientStudy.sav"), to.data.frame=TRUE)
AllFinal = read.spss(here::here("data", "All_Data_PatientStudy.sav"), to.data.frame=TRUE)
```

```
# capture the skim data

summary_PD <- skim_to_wide(PD_Group_Only)
summary_All <- skim_to_wide(AllFinal)

# Now filter out the fields you need from the skim output.
filter_PD <-summary_PD %>%
  select("type", "variable", "n", "missing", "mean", "sd", "p0", "p100")

filter_All <-summary_All %>%
  select("type", "variable", "n", "missing", "mean", "sd", "p0", "p100")

filter_PD
```

```
## # A tibble: 92 x 8
##    type    variable    n     missing mean      sd        p0       p100
##    <chr>   <chr>       <chr> <chr>   <chr>     <chr>     <chr>    <chr>
##  1 factor  filter_.    18    0       <NA>      <NA>      <NA>     <NA>
##  2 factor  Group       18    0       <NA>      <NA>      <NA>     <NA>
##  3 factor  Sex         18    0       <NA>      <NA>      <NA>     <NA>
##  4 numeric ACC_Hom     18    0       "   0.84~ "   0.11~ "   0.6~ "    1  ~
##  5 numeric ACC_HomTask 18    0       "   0.83~ "   0.12~ "   0.5~ "    0.9~
##  6 numeric ACC_NonHom  18    0       "   0.83~ "   0.19~ "   0.4~ "    1  ~
##  7 numeric Age         18    0       "  65.72~ "   8.47~ "  44  ~ "   80  ~
##  8 numeric BNT         18    0       "  52.17~ "   4.5 ~ "  41  ~ "   57  ~
##  9 numeric BNT_NoResp  18    0       "   3.11~ "   3.27~ "   0  ~ "   11  ~
## 10 numeric BNT_Sem     18    0       "   3.39~ "   1.65~ "   1  ~ "    7  ~
## # ... with 82 more rows
```

```
filter_All
```

```
## # A tibble: 90 x 8
##    type    variable    n     missing mean      sd        p0       p100
##    <chr>   <chr>       <chr> <chr>   <chr>     <chr>     <chr>    <chr>
##  1 factor  filter_.    34    0       <NA>      <NA>      <NA>     <NA>
##  2 factor  Group       34    0       <NA>      <NA>      <NA>     <NA>
##  3 factor  Sex         34    0       <NA>      <NA>      <NA>     <NA>
##  4 numeric ACC_Hom     34    0       "   0.81~ "   0.13~ "   0.4~ "    1  ~
##  5 numeric ACC_HomTask 34    0       "   0.82~ "   0.14~ "   0.4~ "    0.9~
##  6 numeric ACC_NonHom  34    0       "   0.84~ "   0.18~ "   0.4~ "    1  ~
##  7 numeric Age         34    0       "  65   ~ "   8.31~ "  43  ~ "   82  ~
##  8 numeric BNT         34    0       "  51.68~ "   4.36~ "  41  ~ "   59  ~
##  9 numeric BNT_NoResp  34    16      "   3.11~ "   3.27~ "   0  ~ "   11  ~
## 10 numeric BNT_Sem     34    16      "   3.39~ "   1.65~ "   1  ~ "    7  ~
```

```
## # ... with 80 more rows
```