Summary table

Xiaoyang Li

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```
# Data import
data = read_csv("C:/Users/Xiaoyang Li/Desktop/data/appUS1.csv")
```

```
## Warning: Missing column names filled in: 'X1' [1]
```

```
## Parsed with column specification:
## cols(
##   .default = col_character(),
##   X1 = col_double(),
##   InitialStaging = col_double(),
##   SeqentialStaging = col_double(),
##   SurgPathFindings = col_double(),
##   PatientAge = col_double(),
##   PatientHeightandWeightHeightin = col_double(),
##   PatientHeightandWeightWeightkg = col_double(),
##   TimeToDoUS = col_double(),
##   TimeToDoUS2 = col_double()
## )
```

```
## See spec(...) for full column specifications.
```

```
# Summary
sum = list(
  "Age" =
    list(
      "mean (sd)" = ~  mean_sd(data$PatientAge),
      "Range" = ~ paste(min(data$PatientAge),max(data$PatientAge), sep = "~")),
  "Gender" =
    list(
      "Female" = ~ qwraps2::n_perc(data$Gender == "Female"),
      "Male" = ~ qwraps2::n_perc(data$Gender == "Male")),
  "Height(Inch)" =
    list(
      "mean (sd)" = ~  mean_sd(data$PatientHeightandWeightHeightin[!is.na(data$PatientHeightandWeightHe
      "Range" = ~ paste(min(data$PatientHeightandWeightHeightin[!is.na(data$PatientHeightandWeightHeigh
  "Weight(Kg)" =
    list(
      "mean (sd)" = ~  mean_sd((data$PatientHeightandWeightWeightkg[!is.na(data$PatientHeightandWeightW
      "Range" = ~ paste(min(data$PatientHeightandWeightWeightkg[!is.na(data$PatientHeightandWeightWeigh
  "Site" =
```

```
    list(
     "CHLA"   = ~ qwraps2::n_perc(data$SiteName == "CHLA"),
     "CUMC"   = ~ qwraps2::n_perc(data$SiteName == "CUMC"),
     "Denver"   = ~ qwraps2::n_perc(data$SiteName == "Denver"),
     "Hasbro"  = ~ qwraps2::n_perc(data$SiteName == "Hasbro"),
     "Indiana U"  = ~ qwraps2::n_perc(data$SiteName == "Indiana U"),
     "Minnesota"   = ~ qwraps2::n_perc(data$SiteName == "Minnesota"),
     "NBIMC"  = ~ qwraps2::n_perc(data$SiteName == "NBIMC"),
     "Rady"   = ~ qwraps2::n_perc(data$SiteName == "Rady"),
     "UC Davis" = ~ qwraps2::n_perc(data$SiteName == "UC Davis")),
  "Department 1st" =
    list(
      "POCUS" = ~ qwraps2::n_perc(data$Whichdepartmentperformedtheultrasoundforthisform[!is.na(data$Whi
      "RADUS" = ~ qwraps2::n_perc(data$Whichdepartmentperformedtheultrasoundforthisform[!is.na(data$Whi
  "Department 2nd" =
    list(
      "POCUS" = ~ qwraps2::n_perc(data$Whichdepartmentperformedtheultrasoundforthisform_A[!is.na(data$W
      "RADUS" = ~ qwraps2::n_perc(data$Whichdepartmentperformedtheultrasoundforthisform_A[!is.na(data$W
    ))



table = summary_table(data, sum)
table
```

```
##
##
## |                       |data (N = 96)        |
## |:----------------------|:--------------------|
## |**Age**                |           |
## |   mean (sd) |10.99 &plusmn; 4.04  |
## |   Range     |1.6  18    |
## |**Gender**             |           |
## |   Female    |31 (32.29%)          |
## |   Male      |65 (67.71%)          |
## |**Height(Inch)**       |           |
## |   mean (sd) |58.17 &plusmn; 28.03 |
## |   Range     |0  175     |
## |**Weight(Kg)**         |           |
## |   mean (sd) |48.69 &plusmn; 24.95 |
## |   Range     |12  152.3  |
## |**Site**               |           |
## |   CHLA      |12 (12.50%)          |
## |   CUMC      |23 (23.96%)          |
## |   Denver    |2 (2.08%)            |
## |   Hasbro    |8 (8.33%)            |
## |   Indiana U |10 (10.42%)          |
## |   Minnesota |6 (6.25%)            |
## |   NBIMC     |14 (14.58%)          |
## |   Rady      |5 (5.21%)            |
## |   UC Davis  |16 (16.67%)          |
## |**Department 1st**     |           |
## |   POCUS     |28 (30.11%)          |
```

```
## |   RADUS     |64 (68.82%)          |
## |**Department 2nd**     |           |
## |   POCUS     |80 (89.89%)          |
## |   RADUS     |8 (8.99%)            |
```

```
print(table, rtitle = "Summary Statistics for appUS")
```

```
##
##
## |Summary Statistics for appUS |data (N = 96)        |
## |:----------------------------|:--------------------|
## |**Age**                      |           |
## |   mean (sd)       |10.99 &plusmn; 4.04  |
## |   Range           |1.6  18    |
## |**Gender**                   |           |
## |   Female          |31 (32.29%)          |
## |   Male            |65 (67.71%)          |
## |**Height(Inch)**             |           |
## |   mean (sd)       |58.17 &plusmn; 28.03 |
## |   Range           |0  175     |
## |**Weight(Kg)**               |           |
## |   mean (sd)       |48.69 &plusmn; 24.95 |
## |   Range           |12  152.3  |
## |**Site**                     |           |
## |   CHLA            |12 (12.50%)          |
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## |   POCUS           |28 (30.11%)          |
## |   RADUS           |64 (68.82%)          |
## |**Department 2nd**           |           |
## |   POCUS           |80 (89.89%)          |
## |   RADUS           |8 (8.99%)            |
```

```
write.table(table, file = "summary_table.md")
```