CT-Pop Cell Type Stacked Bar Graphs Notebook

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1 Environment

```r
library(tidyr)
library(plyr)
library(dplyr)
library(magrittr)
library(ggplot2)
library(stringr)

options(scipen = 999)

knitr::opts_chunk$set(
    echo = FALSE,
    message = FALSE,
    warning = FALSE,
    fig.align='center',
    fig.pos='H',
    fig.path = "../output/barplots/",
    dev = c("pdf"),
    dpi=500
)
```

2 Load Data

3 Prepare data

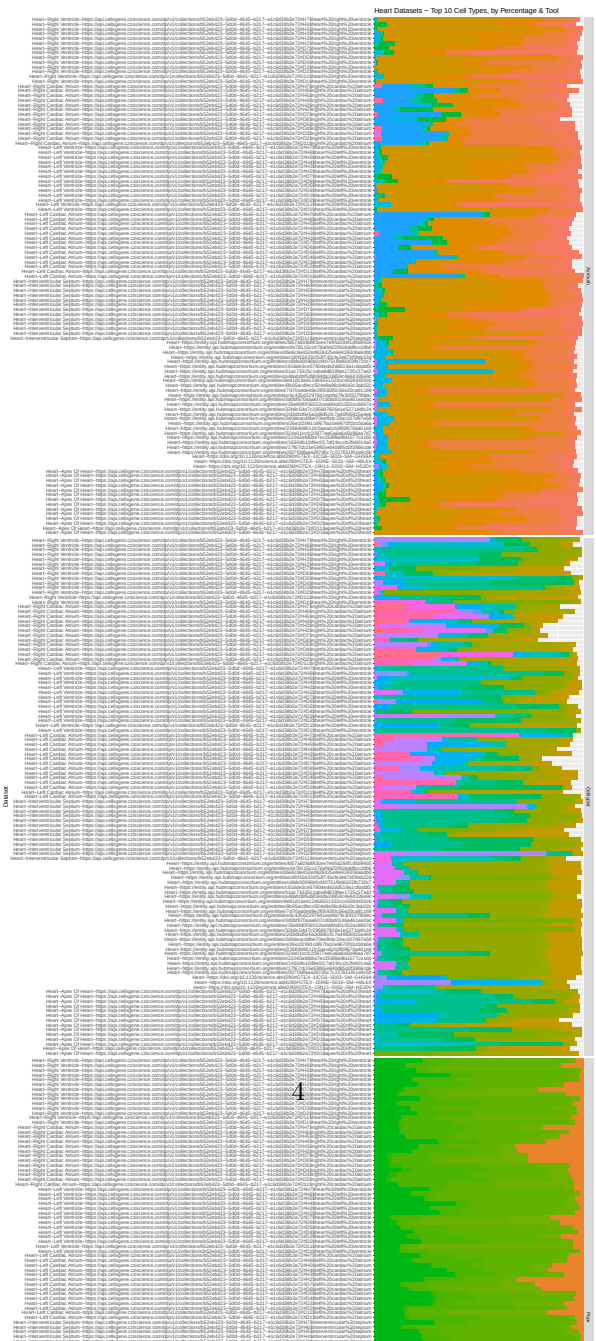
4 Creating labels for bar plots

5 Pivot table

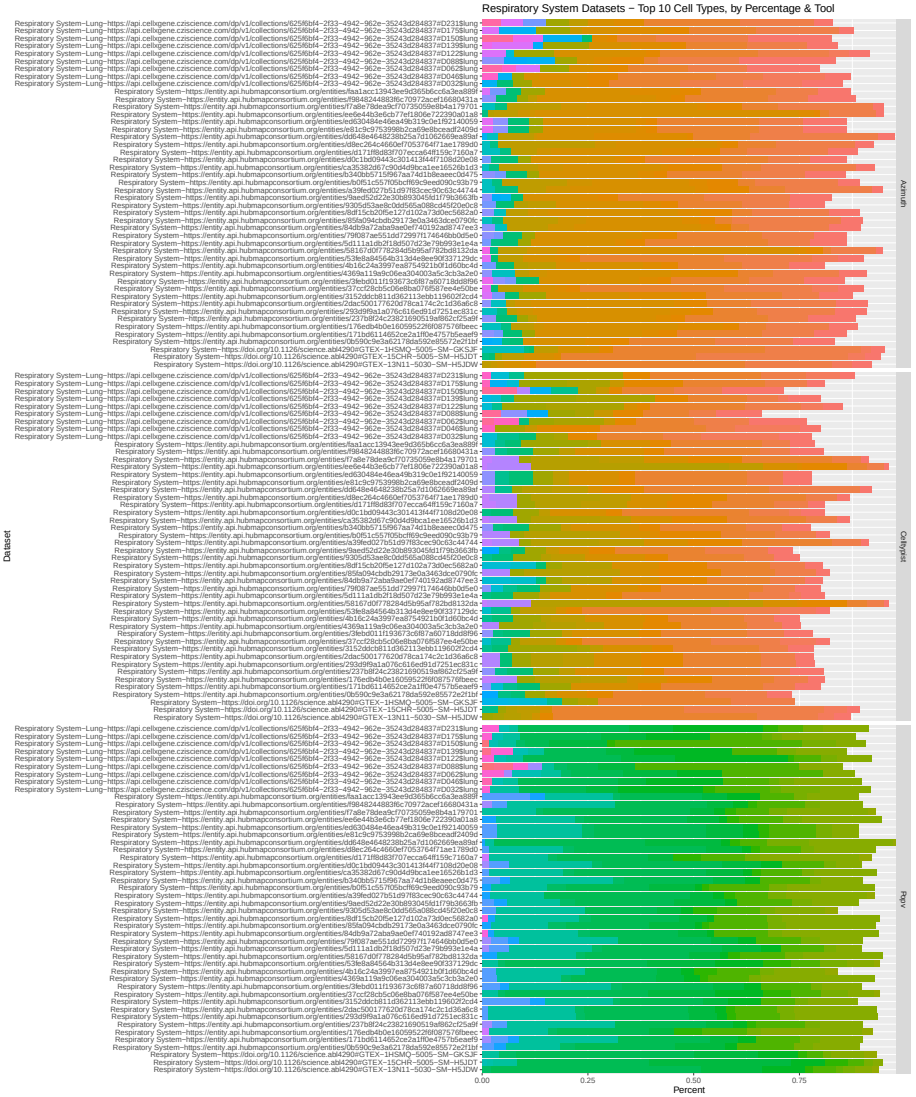
6 Ranking dataset cell types by organ and tool

7 Stacked Bar Graphs

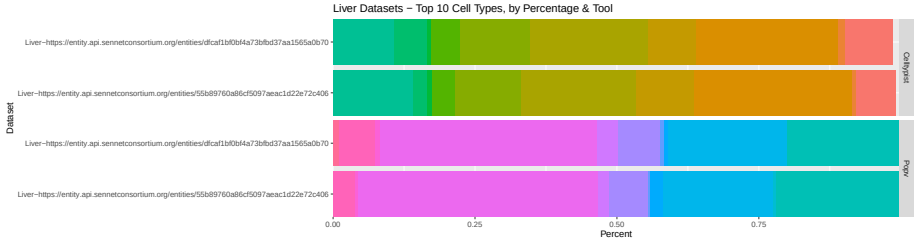
7.1 Heart Datasets



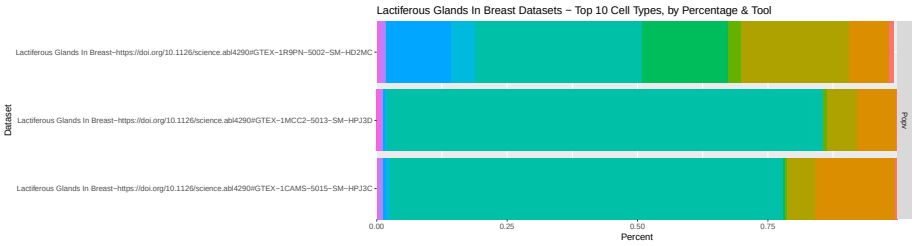
7.2 Respiratory System Datasets



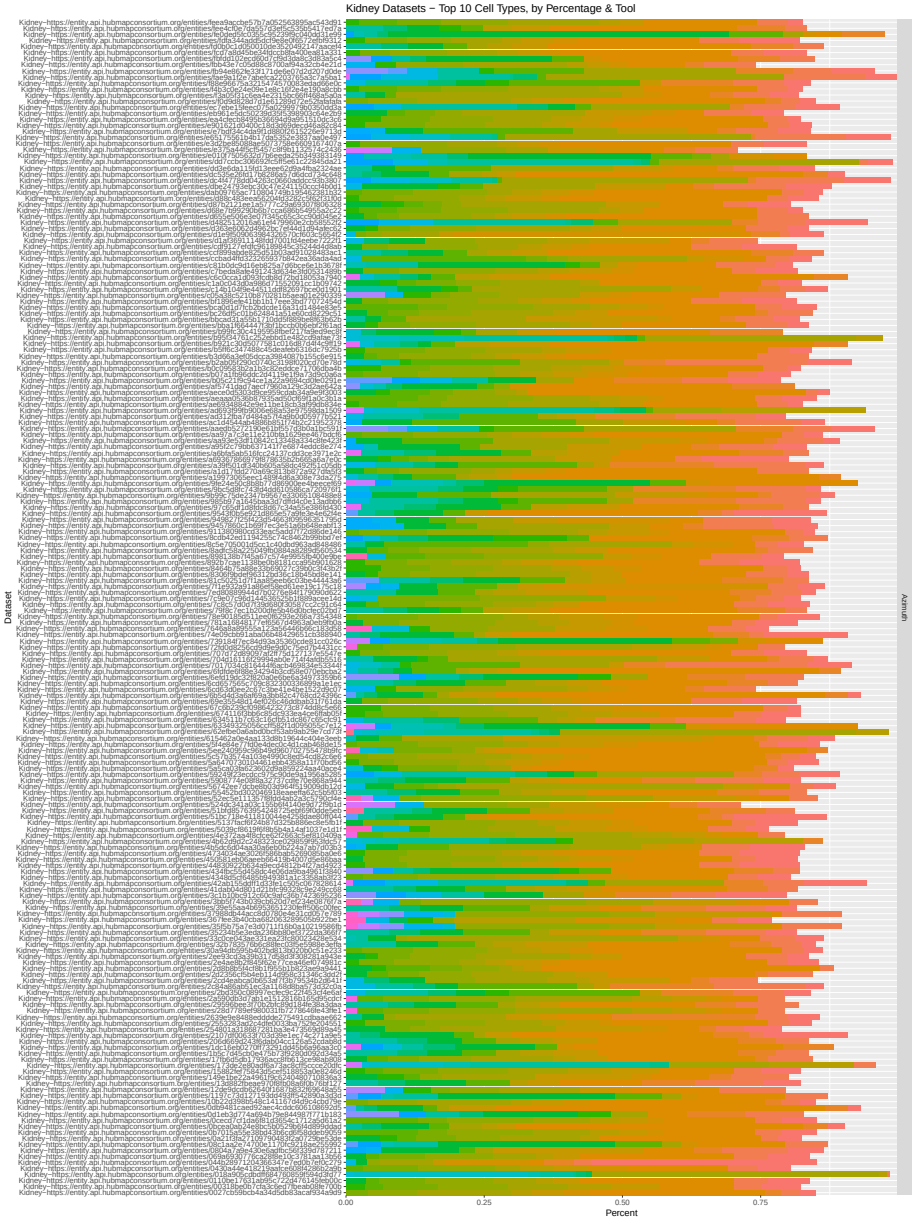
7.3 Liver Datasets



7.4 Lactiferous Glands In Breast Datasets



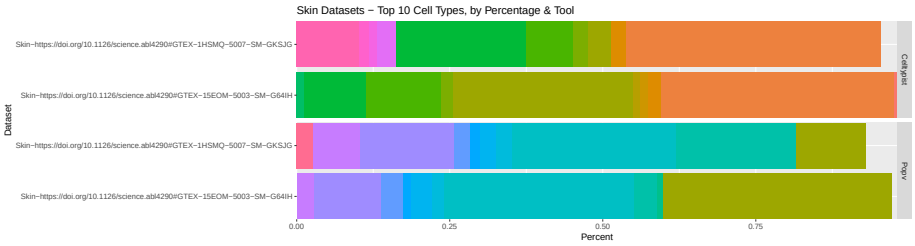
7.5 Kidney Datasets



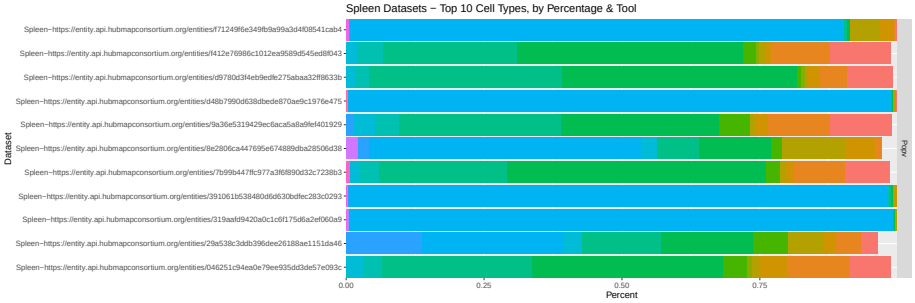
7.6 Large Intestine Datasets

7.7 Small Intestine Datasets

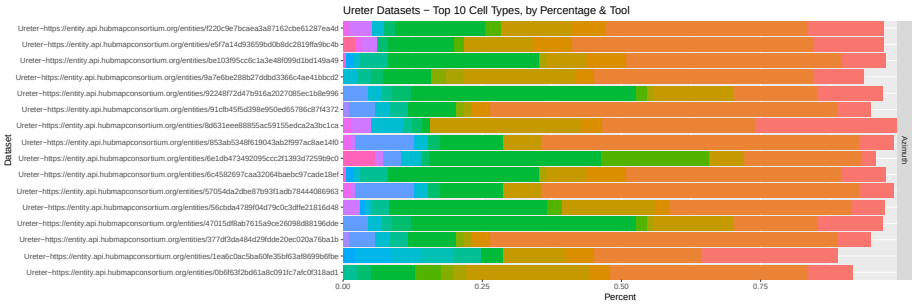
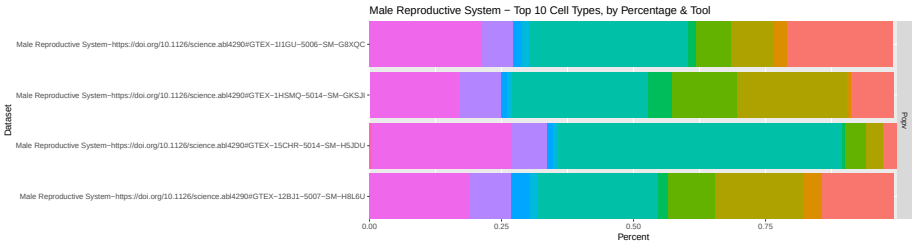
7.8 Skin Datasets



7.9 Spleen Datasets



7.10 Ureter Datasets



7.11 Male Reproductive System Datasets