

# HRA-Pop Cell Type Correlation Analysis Notebook

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## 1 Environment

```
library(tidyr)
library(knitr)
library(dplyr)
library(stringr)
library(magrittr)
options(scipen=999)

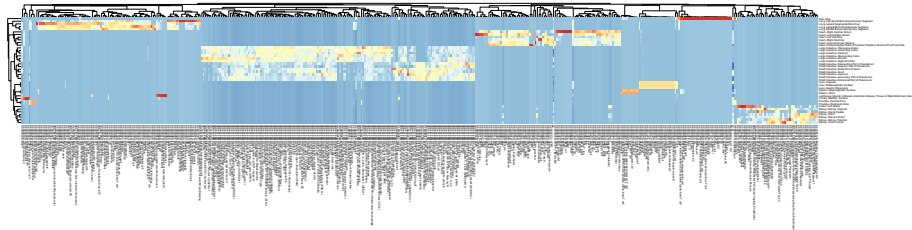
knitr::opts_chunk$set(
  echo = FALSE,
  message = FALSE,
  warning = FALSE,
  fig.align='center',
  fig.pos='H',
  fig.path = "../output/",
  dev = c("pdf"),
  dpi=500
)
```

## 2 Load Data

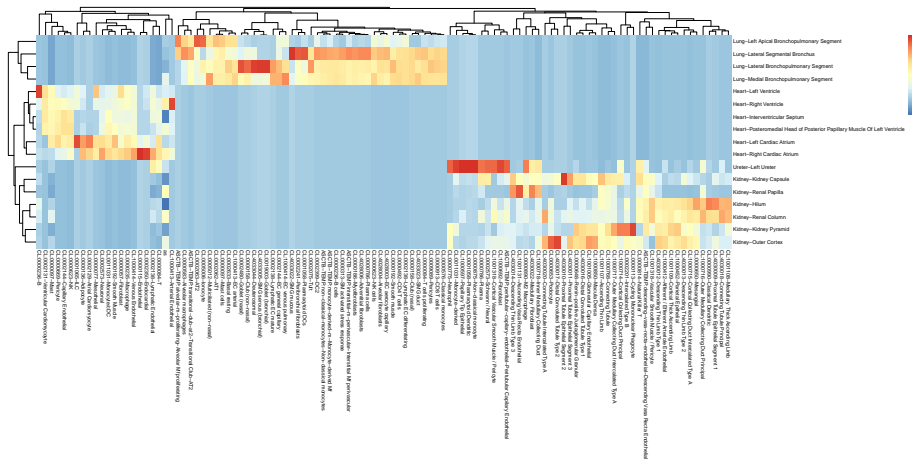
## 3 Prepare Data

## 4 Heatmaps Analysis

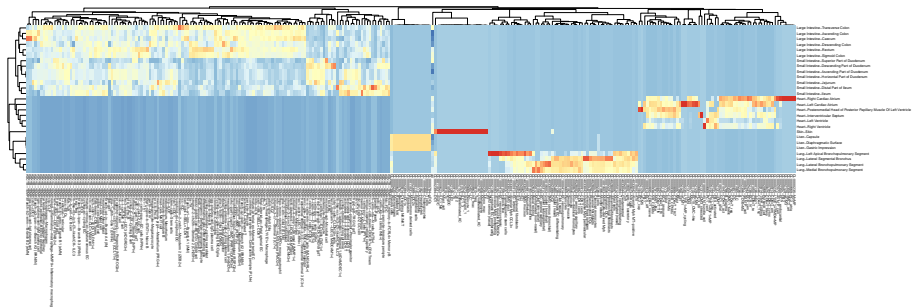
### 4.1 All Tools



### 4.2 Azimuth



### 4.3 CellTypist



## 4.4 PopV

