

# Table 1s

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## Contents

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## -- Attaching packages ----- tidyverse
## v ggplot2 3.1.1      v purrr  0.3.2
## v tibble  2.1.1      v dplyr  0.8.0.1
## v tidyr   0.8.3      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.4.0

## -- Conflicts ----- tidyverse
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()

## [1] "/home/guanshim/Documents/gitlab/tidi_MIBI/Data"

## Loading required package: pacman

## [1] "MIHIV998"
```

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### Levels of Microbiota

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Kingdom  
Phylum  
Class  
Order  
Family  
Genus  
Species

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|                                     | Overall (N =<br>27) | Healthy Controls (N<br>= 13) | HIV-Infected (N<br>= 14) |
|-------------------------------------|---------------------|------------------------------|--------------------------|
| <b>Demographics</b>                 |                     |                              |                          |
| Age mean (SD)                       | 36.19 (11.05)       | 35.08 (10.26)                | 37.21 (12.03)            |
| Men (%)                             | 18 (66.67%)         | 8 (61.54%)                   | 10 (71.43%)              |
| <b>Race (%)</b>                     |                     |                              |                          |
| White                               | 19 (70.37%)         | 9 (69.23%)                   | 10 (71.43%)              |
| Asian                               | 3 (11.11%)          | 2 (15.38%)                   | 1 (7.14%)                |
| African American                    | 5 (18.52%)          | 2 (15.38%)                   | 3 (21.43%)               |
| <b>Ethnicity (%)</b>                |                     |                              |                          |
| Non-Hispanic                        | 24 (88.89%)         | 11 (84.62%)                  | 13 (92.86%)              |
| Hispanic                            | 3 (11.11%)          | 2 (15.38%)                   | 1 (7.14%)                |
| <b>Measurements mean (SD)</b>       |                     |                              |                          |
| CD4 count (cells/mul)               | 595 (235)           | 749 (215)                    | 453 (151)                |
| Plasma Viral Load (copies/ml)       | 14; 48,110          | 0; NaN (NA)                  | 48,110 (55,217)          |
| Non-Missing No.;                    | (55,217)            |                              |                          |
| Plasma IL-6 (pg/ml)                 | 1.28 (1.22)         | 0.75 (0.55)                  | 1.78 (1.47)              |
| Plasma LPS (pg/ml) Non-Missing No.; | 26; 13.23           | 9.85 (2.56)                  | 13; 16.61 (4.82)         |
|                                     | (5.12)              |                              |                          |