Cardiac_CT Basic: both diets

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Contents

Data Summary

#We use microCT in mice on a HFD to compare cardiac metric for the following genotypes: APOE2HN, APOE3HN, APOE4HN, APOE-/-

```
## [1] "All data set"
```

```
## # A tibble: 15 x 4
## # Groups:   Diet, Genotype [8]
##     Diet  Genotype Sex     count
##     <chr> <chr>    <chr>   <int>
##  1 CTRL  E22      Male        6
##  2 CTRL  E33      Female      5
##  3 CTRL  E33      Male        3
##  4 CTRL  E44      Female      3
##  5 CTRL  E44      Male        3
##  6 CTRL  KO       Female      4
##  7 CTRL  KO       Male        2
##  8 HFD   E22      Female      4
##  9 HFD   E22      Male        5
## 10 HFD   E33      Female      6
## 11 HFD   E33      Male       10
## 12 HFD   E44      Female      2
## 13 HFD   E44      Male        4
## 14 HFD   KO       Female      5
## 15 HFD   KO       Male        4
```

```
## [1] "Age <17"
```

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## # A tibble: 15 x 4
## # Groups:   Diet, Genotype [8]
##    Diet  Genotype Sex    count
##    <chr> <chr>    <chr>  <int>
##  1 CTRL  E22      Male       6
##  2 CTRL  E33      Female     5
##  3 CTRL  E33      Male       3
##  4 CTRL  E44      Female     1
##  5 CTRL  E44      Male       3
##  6 CTRL  KO       Female     4
##  7 CTRL  KO       Male       1
##  8 HFD   E22      Female     4
##  9 HFD   E22      Male       5
## 10 HFD   E33      Female     6
## 11 HFD   E33      Male      10
## 12 HFD   E44      Female     1
## 13 HFD   E44      Male       1
## 14 HFD   KO       Female     5
## 15 HFD   KO       Male       4


## # A tibble: 15 x 4
## # Groups:   Diet, Genotype [8]
##    Diet  Genotype Sex    count
##    <chr> <chr>    <chr>  <int>
##  1 CTRL  E22      Male       6
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##  5 CTRL  E44      Male       3
##  6 CTRL  KO       Female     4
##  7 CTRL  KO       Male       2
##  8 HFD   E22      Female     4
##  9 HFD   E22      Male       5
## 10 HFD   E33      Female     6
## 11 HFD   E33      Male      10
## 12 HFD   E44      Female     2
## 13 HFD   E44      Male       4
## 14 HFD   KO       Female     5
## 15 HFD   KO       Male       4
```

Plots for all cardiac metrics

```
## 'summarise()' has grouped output by 'Diet', 'Genotype'. You can override using
## the '.groups' argument.
## Bin width defaults to 1/30 of the range of the data. Pick better value with
## 'binwidth'.
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