ida-gossip-analysis

Kadir Korkmaz

6/22/2022

First Chunk Delivery

```
Min. 1st Qu. Median
                            Mean 3rd Qu.
##
     18.0 87.0
                   112.0 125.9
                                  139.0 2700.0
## [1] 124.5989
## [1] 125.8804
## [1] 127.1619
## [1] 162.0702
## `summarise()` ungrouping output (override with `.groups` argument)
   1200 -
   900 -
Mean -
   300 -
                                20
                                                        40
                                                                                60
```

Round

Message Delivery

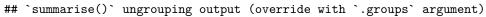
```
## Min. 1st Qu. Median Mean 3rd Qu. Max.

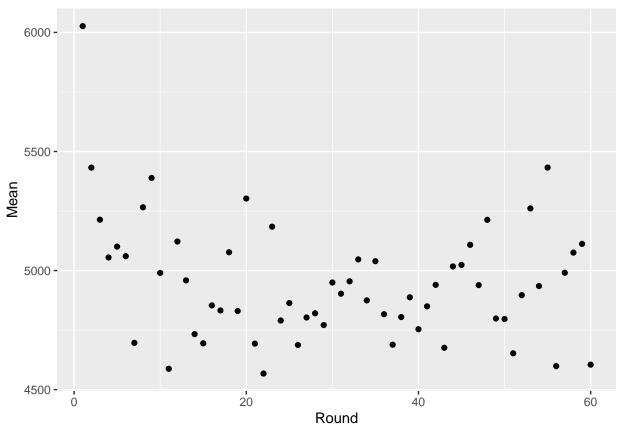
## 1750 4317 4956 4951 5572 8361

## [1] 4950.12

## [1] 4951.389

## [1] 908.0862
```





First chunk delivery cumulative sum

[1] 61440



```
NodeID Round
                               Event Value RowOrder Percentatile
##
       142
              52 FIRST_CHUNK_RECEIVED 87 15360
   NodeID Round
                               Event Value RowOrder Percentatile
## 1 989
             54 FIRST_CHUNK_RECEIVED 112
                                           30720
##
    NodeID Round
                               Event Value RowOrder Percentatile
## 1 1012
              35 FIRST_CHUNK_RECEIVED
                                     139
                                             46080
    NodeID Round
                               Event Value RowOrder Percentatile
##
## 1
       527
              32 FIRST_CHUNK_RECEIVED
                                      170
    NodeID Round
                               Event Value RowOrder Percentatile
## 1
       221
             1 FIRST_CHUNK_RECEIVED 796
                                           60826
                                                      99.00065
## [1] 60887
## [1] 487
## [1] 18 87 111 138 214
```

${\bf Queue Length}$

30 -

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 4.722 46.041 49.900 48.391 52.689 60.978

## [1] 48.337

## [1] 48.44528

## [1] 6.846573

## `summarise()` ungrouping output (override with `.groups` argument)

50-
```

20

Round

40

60

