#### Experiment Report

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#### **Experiment Setup and Configuration**

Two nucs are connected over LAN. 50 Algorand process is deployed per nuc. Each process is using Trickle to cap the upload and download bandwidth 20Mbs each. TC rules are not used to add delay! Block and Vote validation disabled. Block size is 1MB.

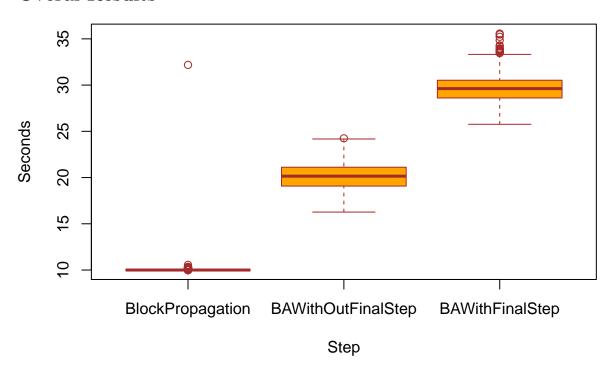
Dataset name is  $2020-12-08_13:08:40$ 

The number of rows is 19980

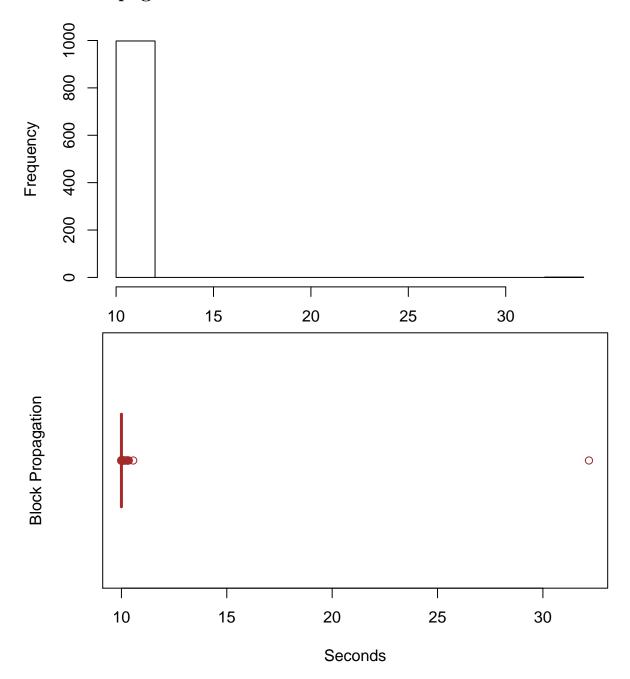
Maximum round number is 19

```
## # A tibble: 20 x 2
##
      FileName
                       mean_bp
##
      <chr>>
                         <dbl>
   1 nuc10.maas.stat
                          10.0
##
    2 nuc14.maas.stat
                         NaN
##
    3 nuc15.maas.stat
                         NaN
##
   4 nuc16.maas.stat
                         NaN
##
    5 nuc18.maas.stat
                         NaN
##
    6 nuc19.maas.stat
                         NaN
    7 nuc2.maas.stat
                         NaN
    8 nuc20.maas.stat
                         NaN
    9 nuc21.maas.stat
                         NaN
## 10 nuc22.maas.stat
                         NaN
## 11 nuc23.maas.stat
                         NaN
## 12 nuc24.maas.stat
                         NaN
## 13 nuc27.maas.stat
                         NaN
## 14 nuc3.maas.stat
## 15 nuc4.maas.stat
                         NaN
## 16 nuc5.maas.stat
                         NaN
## 17 nuc6.maas.stat
                         NaN
## 18 nuc7.maas.stat
                         NaN
## 19 nuc8.maas.stat
                         NaN
## 20 nuc9.maas.stat
                         NaN
##
      Min. 1st Qu. Median
                               Mean 3rd Qu.
                                                Max.
                                                        NA's
##
     10.00
             10.00
                      10.00
                              10.03
                                       10.00
                                               32.19
                                                        18981
```

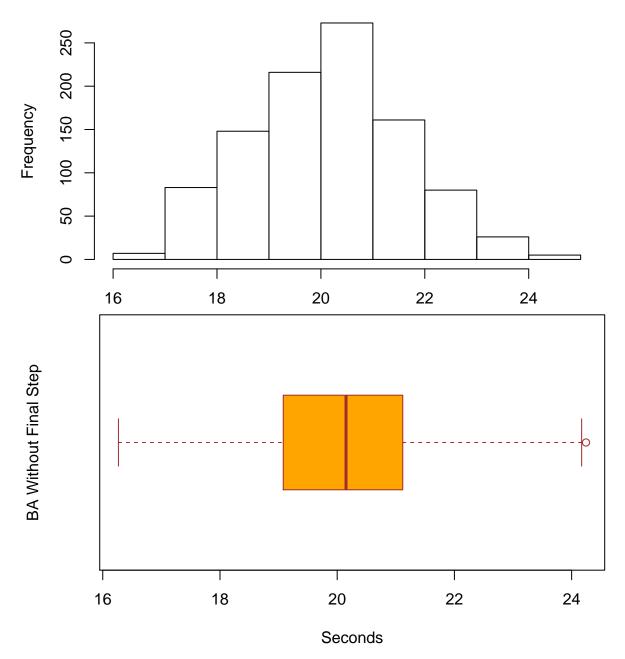
### Overal Results



# **Block Propagation Statistics**



## **BA** Elapsed Time Without Final Step Statistics



# **BA** Elapsed Time With Final Step Statistics

