one_stationary Turtlebot 1 Report

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This is a summary of the data from the one_stationary experiment, Turtlebot #1.

The runtime of this experiment was 1 hours, 59 minutes, and 3659.4 seconds.

Shown below is the summary of each filter's error for both x and y coordinates, and also the error in total distance.

```r
summary(t1_continuous$x_error)
```

```
##       Min.    1st Qu.     Median       Mean    3rd Qu.       Max.
## -2.400e-07   1.483e-02   2.965e-02   2.965e-02   4.448e-02   5.930e-02
```

```r
summary(t1_continuous$y_error)
```

```
##       Min.    1st Qu.     Median       Mean    3rd Qu.       Max.
## -1.000e-10   3.823e-05   1.509e-04   2.047e-04   3.449e-04   6.213e-04
```

```r
summary(t1_continuous$dist_error)
```

```
##      Min.   1st Qu.    Median      Mean   3rd Qu.      Max.
## 2.400e-07 1.483e-02 2.965e-02 2.965e-02 4.448e-02 5.931e-02
```

```r
summary(t1_discrete$x_error)
```

```
##       Min.    1st Qu.     Median       Mean    3rd Qu.       Max.
## -2.400e-07   1.483e-02   2.965e-02   2.965e-02   4.448e-02   5.930e-02
```

```r
summary(t1_discrete$y_error)
```

```
##       Min.    1st Qu.     Median       Mean    3rd Qu.       Max.
## -1.000e-10   3.823e-05   1.509e-04   2.047e-04   3.449e-04   6.213e-04
```

```r
summary(t1_discrete$dist_error)
```

```
##      Min.   1st Qu.    Median      Mean   3rd Qu.      Max.
## 2.400e-07 1.483e-02 2.965e-02 2.965e-02 4.448e-02 5.931e-02
```