

# State management- Boxplots

November 15, 2020

```
In [1]: import pandas as pd
```

```
In [2]: results = pd.read_csv('state_management.csv')

openHAB = results[results.Platform.isin(['openHAB'])]
hass = results[results.Platform.isin(['Hass'])]
elixir = results[results.Platform.isin(['Elixir'])]
sparrow = results[results.Platform.isin(['Sparrow'])]
```

```
In [3]: openHAB.LoC.describe()
```

```
Out[3]: count      7.000000
      mean      4.142857
      std      4.259443
      min      0.000000
      25%      1.000000
      50%      3.000000
      75%      6.500000
      max     11.000000
      Name: LoC, dtype: float64
```

```
In [4]: hass.LoC.describe()
```

```
Out[4]: count      7.000000
      mean      4.285714
      std      3.946065
      min      1.000000
      25%      2.000000
      50%      2.000000
      75%      6.500000
      max     10.000000
      Name: LoC, dtype: float64
```

```
In [5]: elixir.LoC.describe()
```

```
Out[5]: count      7.000000
      mean      7.857143
      std      2.410295
```

```
min      5.000000
25%      6.000000
50%      7.000000
75%     10.000000
max     11.000000
Name: LoC, dtype: float64
```

```
In [6]: sparrow.LoC.describe()
```

```
Out[6]: count      7.0
mean      0.0
std       0.0
min       0.0
25%       0.0
50%       0.0
75%       0.0
max       0.0
Name: LoC, dtype: float64
```