

State management - Analysis

November 17, 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      4.428571
       std      4.197505
       min      1.000000
       25%      2.000000
       50%      2.000000
       75%      6.500000
       max     11.000000
       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
```