

```
data.feature_names
```



```
[[12  0  0]
 [ 2  8  2]
 [ 2  3  7]]
```

```
from sklearn.metrics import accuracy_score
from sklearn.metrics import recall_score
from sklearn.metrics import f1_score
from sklearn.metrics import precision_score
```

```
pr=precision_score(y_test,y_pred,average='macro')
pr
```

```
0.7516835016835017
```

```
f1=f1_score(y_test,y_pred,average='macro')
f1
```

```
0.7398205659075224
```

```
import matplotlib.pyplot as plt
import seaborn as sns
```

```
sns.boxplot(data.data)
```

```
/usr/local/lib/python3.8/dist-packages/seaborn/_decorators.py:36: FutureWarning: Pass the following variables as keyword arguments: {'x': 'x', 'y': 'y', 'hue': 'hue', 'row': 'row', 'col': 'col'} instead of positional arguments (since Seaborn v0.12.0)
warnings.warn(
<matplotlib.axes._subplots.AxesSubplot at 0x7f3d299a91c0>
```

