

Demo 18-12-2018

December 18, 2018

```
In [1]: %%javascript
        IPython.OutputArea.prototype._should_scroll = function(lines) {
            return false;
        }
```

```
<IPython.core.display.Javascript object>
```

```
In [2]: from demo_utils.demo0 import Demo0
```

```
In [3]: from demo_utils.utils_demo_18122018 import *
```

1 Logit

```
In [4]: Demo0().non_interactive(**info_l_rbf_mnist)
```

2 Una demo genérica

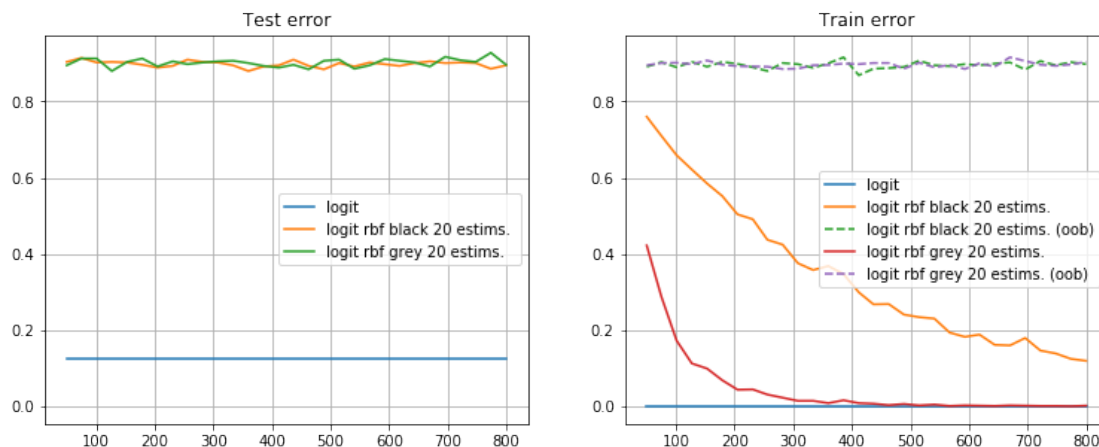
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/home/hobber/.local/lib/python3.6/site-packages/sklearn/linear_model/logistic.py:757: ConvergenceWarning:
    "of iterations.", ConvergenceWarning)
/home/hobber/.local/lib/python3.6/site-packages/sklearn/ensemble/bagging.py:606: UserWarning:
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```

- Dataset: **mnist**
- Size: **2000**



In [5]: Demo0().non_interactive(**info_l_rbf_segment)

3 Una demo genérica

```

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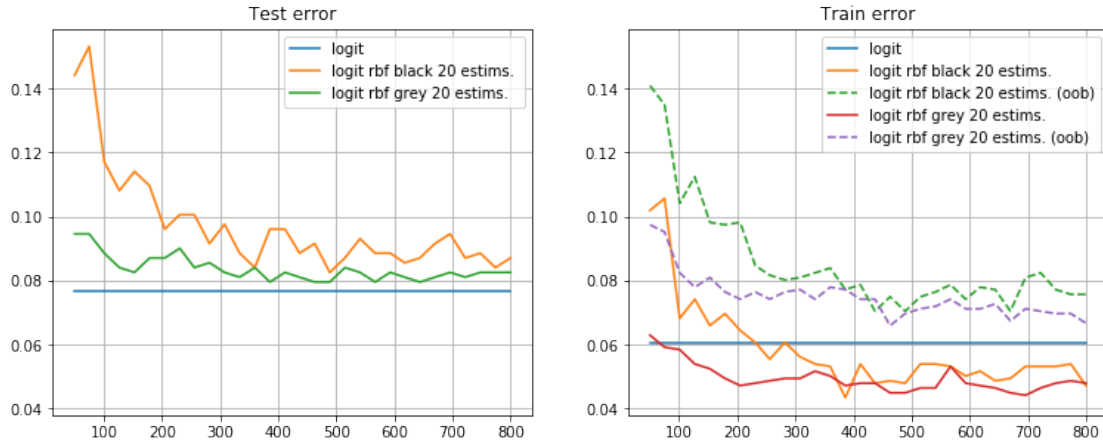
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```

- Dataset: **segment**
- Size: **2000**

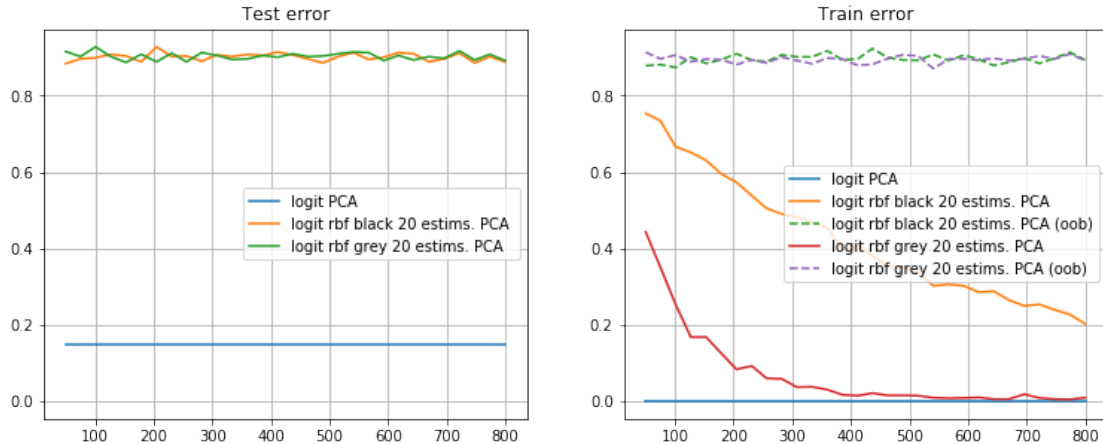


```
In [6]: Demo0().non_interactive(**info_l_rbf_mnist_pca)
```

4 Una demo genérica

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```

- Dataset: **mnist**
- Size: **2000**



```
In [7]: Demo0().non_interactive(**info_l_rbf_segment_pca)
```

5 Una demo genérica

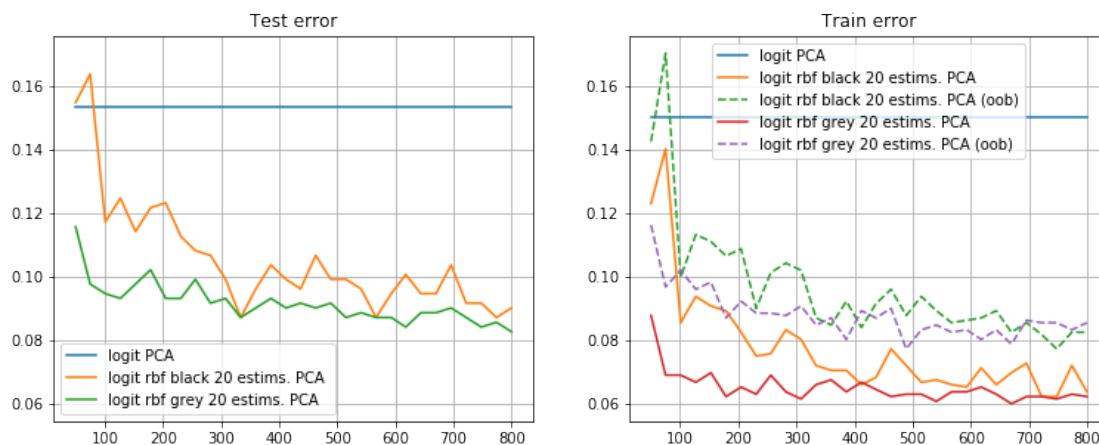
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```

- Dataset: **segment**
- Size: **2000**



5.1 Linear SVM

```
In [8]: Demo0().non_interactive(**info_svc_rbf_mnist)
```

6 Una demo genérica

```

/home/hobber/.local/lib/python3.6/site-packages/sklearn/svm/base.py:922: ConvergenceWarning: L
  "the number of iterations.", ConvergenceWarning)

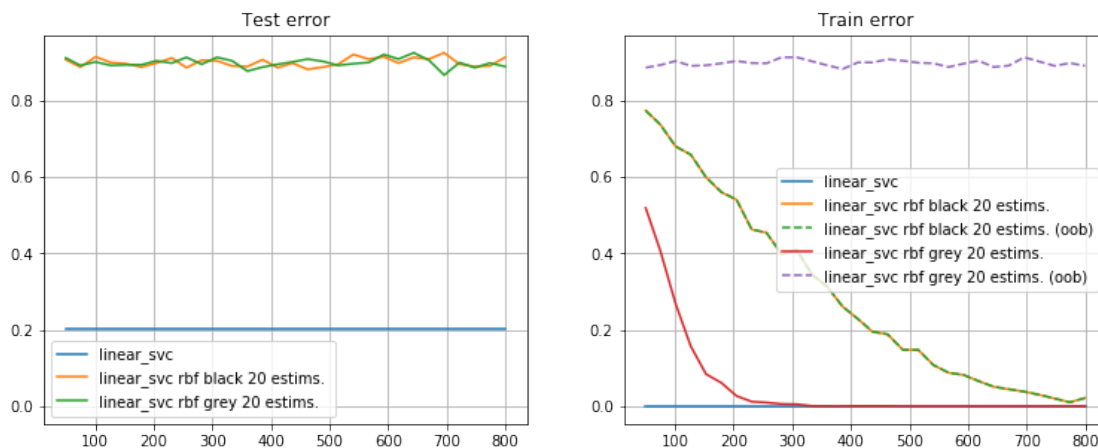
```

```

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```

- Dataset: **mnist**
- Size: **2000**



```
In [9]: Demo0().non_interactive(**info_svc_rbf_segment)
```

7 Una demo genérica

```

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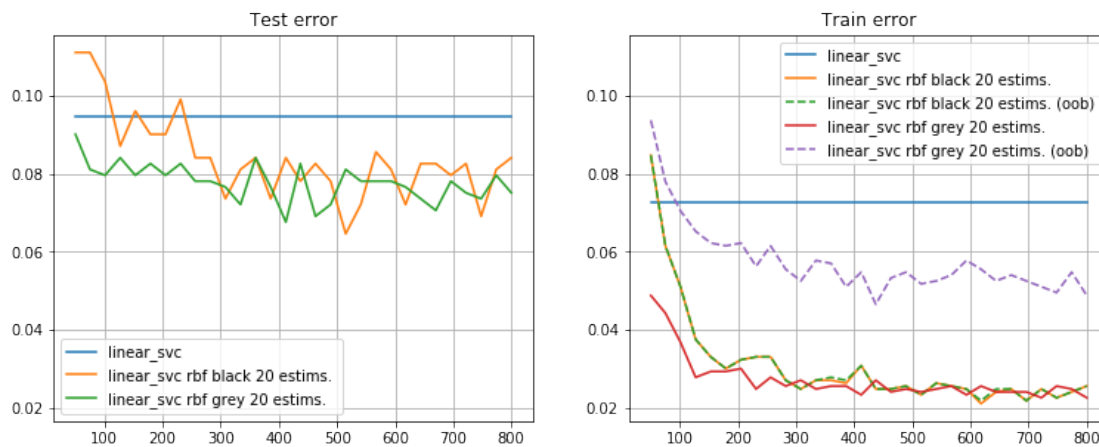
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```

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```

- Dataset: **segment**
- Size: **2000**



```
In [10]: Demo0().non_interactive(**info_svc_rbf_mnist_pca)
```

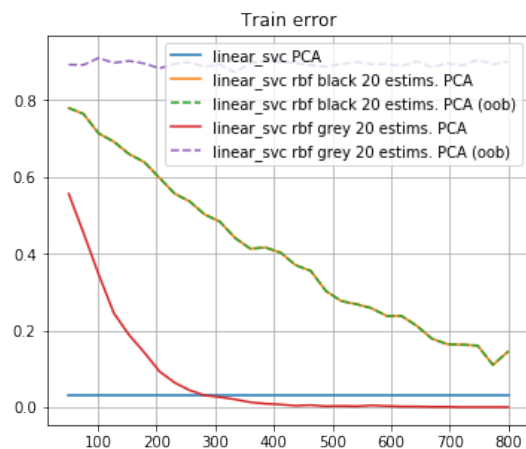
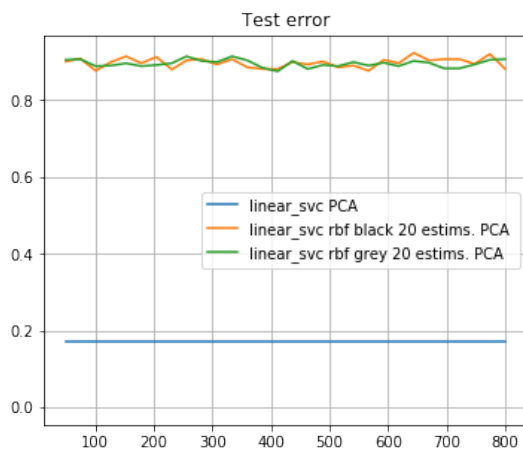

8 Una demo genérica

```

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```

- Dataset: **mnist**
- Size: **2000**



```
In [11]: Demo0().non_interactive(**info_svc_rbf_segment_pca)
```

9 Una demo genérica

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/home/hobber/.local/lib/python3.6/site-packages/sklearn/ensemble/bagging.py:606: UserWarning: S
    warn("Some inputs do not have OOB scores. "
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/home/hobber/.local/lib/python3.6/site-packages/sklearn/ensemble/bagging.py:611: RuntimeWarning
    predictions.sum(axis=1)[:, np.newaxis])
```

- Dataset: **segment**
- Size: **2000**

