Digital Dynamics

Group Members:

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Capillo, Bryan Jade

Honrada, Marman John Paul

Laming, Niel Bryan

1. Concatenating

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Fitting 5 folds for each of 18 candidates, totalling 90 fits
[CV 1/5; 1/18] START features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1
[CV 1/5; 1/18] END features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
[CV 2/5; 1/18] START features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1
[CV 2/5; 1/18] END features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
[CV 3/5; 1/18] START features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1
[CV 3/5; 1/18] END features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
[CV 4/5; 1/18] START features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1
[CV 4/5; 1/18] END features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
[CV 5/5; 1/18] START features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1
[CV 5/5; 1/18] END features__pca__n_components=1, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
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[CV 3/5; 7/18] END features__pca__n_components=2, features__univ_select__k=1, svm__C=0.1; score=1.000 total time=   0.0s
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[CV 1/5; 9/18] START features__pca__n_components=2, features__univ_select__k=1, svm__C=10
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[CV 5/5; 9/18] END features__pca__n_components=2, features__univ_select__k=1, svm__C=10; score=1.000 total time=   0.0s
[CV 1/5; 10/18] START features__pca__n_components=2, features__univ_select__k=2, svm__C=0.1
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[CV 4/5; 10/18] START features__pca__n_components=2, features__univ_select__k=2, svm__C=0.1
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[CV 4/5; 10/18] END features__pca__n_components=2, features__univ_select__k=2, svm__C=0.1; score=1.000 total time=   0.0s
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[CV 1/5; 11/18] START features__pca__n_components=2, features__univ_select__k=2, svm__C=1
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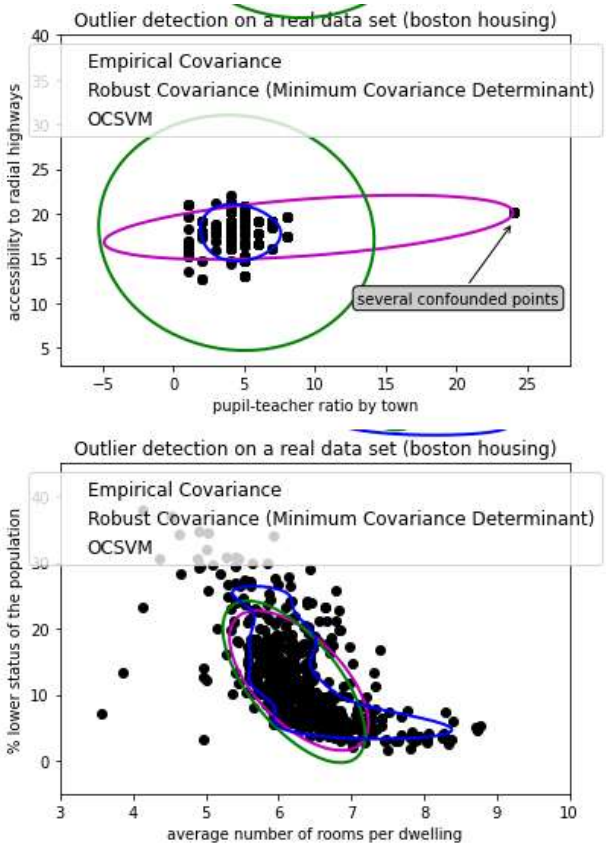
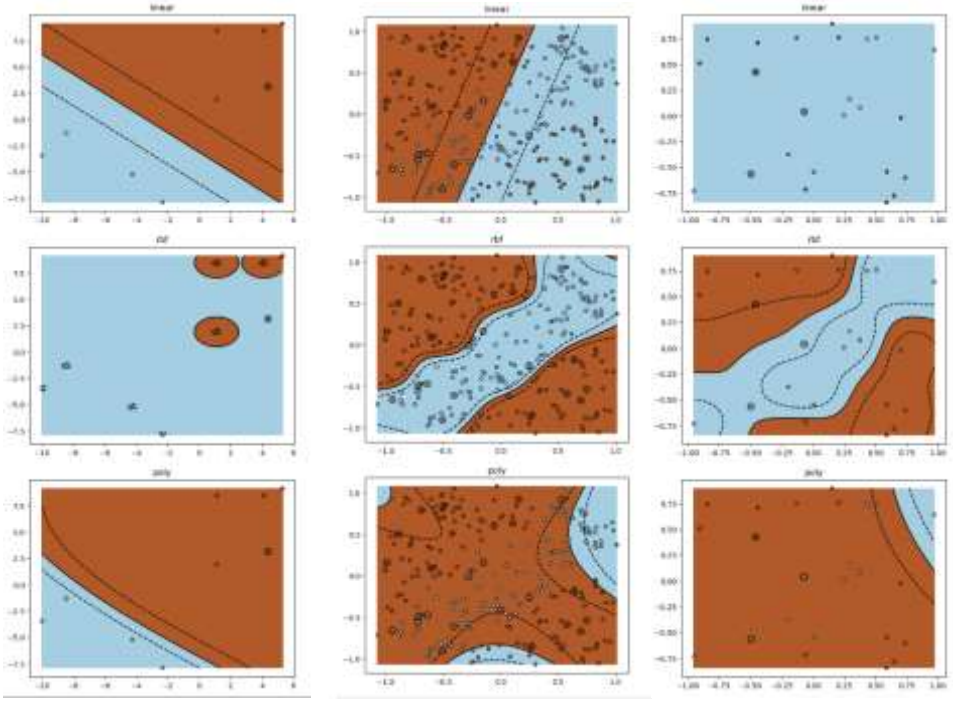
[CV 3/5; 17/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=1
[CV 3/5; 17/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=1; score=1.000 total time=   0.0s
[CV 4/5; 17/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=1
[CV 4/5; 17/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=1; score=1.000 total time=   0.0s
[CV 5/5; 17/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=1
[CV 5/5; 17/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=1; score=1.000 total time=   0.0s
[CV 1/5; 18/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=10
[CV 1/5; 18/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=10; score=1.000 total time=   0.0s
[CV 2/5; 18/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=10
[CV 2/5; 18/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=10; score=1.000 total time=   0.0s
[CV 3/5; 18/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=10
[CV 3/5; 18/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=10; score=1.000 total time=   0.0s
[CV 4/5; 18/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=10
[CV 4/5; 18/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=10; score=1.000 total time=   0.0s
[CV 5/5; 18/18] START features__pca__n_components=3, features__univ_select__k=2, svm__C=10
[CV 5/5; 18/18] END features__pca__n_components=3, features__univ_select__k=2, svm__C=10; score=1.000 total time=   0.0s
Pipeline(steps=[('features',
                 FeatureUnion(transformer_list=[('pca', PCA(n_components=1)),
                                                ('univ_select',
                                                 SelectKBest(k=1))])),
                ('svm', SVC(C=0.1, kernel='linear'))])
```

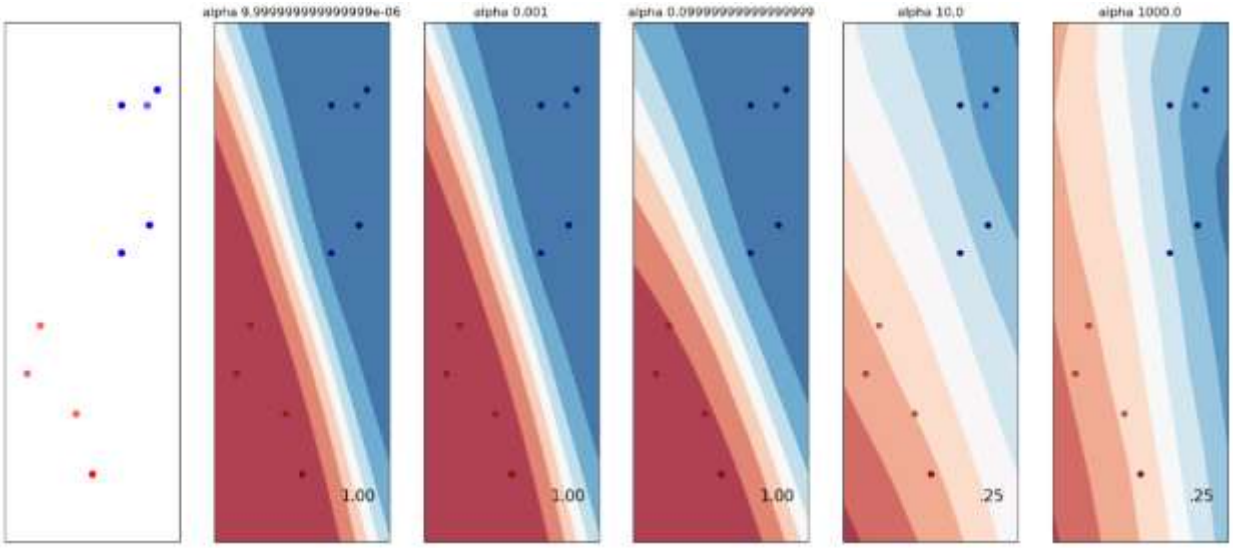
2. Applications - Boston Housing Dataset

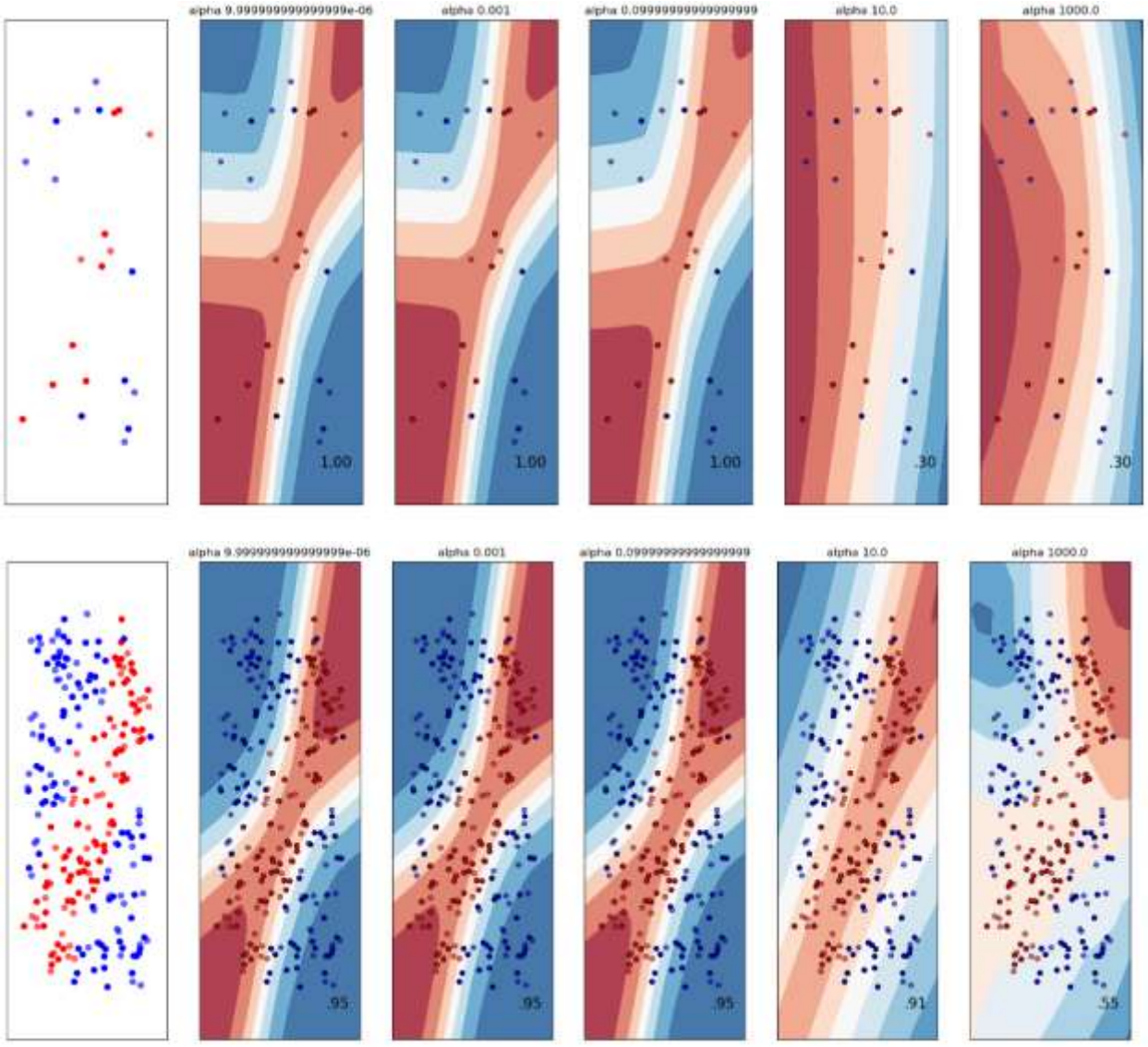


3. Support Vector Machine - Iris Dataset



4. Neural Networks

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1.00
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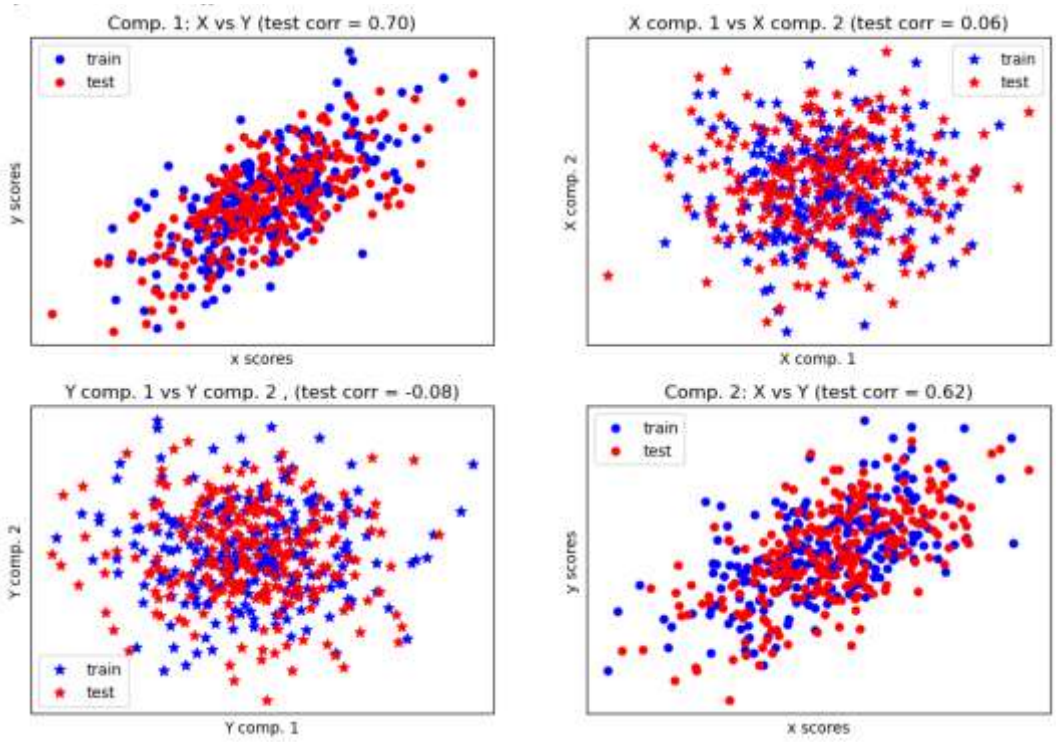
5. Cross decomposition