PERFORMANCE

1) 2_Clip_Affect_Data_CB_OT

AutoMLP

```
accuracy: 82.81% +/- 1.19% (micro average: 82.81%)
ConfusionMatrix:
True: CB
            OT
      8
CB:
              5
OT:
      216
             1057
kappa: 0.045 +/- 0.096 (micro average: 0.049)
ConfusionMatrix:
True: CB OT
CB:
      8
OT:
      216
             1057
root mean squared error: 0.391 +/- 0.021 (micro average: 0.391 +/- 0.000)
```

Logictic Regression

```
accuracy: 72.70% +/- 4.68% (micro average: 72.71%)
ConfusionMatrix:
True: CB
       95
CB:
               222
OT:
      129
              840
kappa: 0.182 +/- 0.138 (micro average: 0.185)
ConfusionMatrix:
True: CB
              OT
       95
CB:
               222
      129
               840
root mean squared error: 0.493 +/- 0.043 (micro average: 0.494 +/- 0.000)
```

NeuralNet

```
accuracy: 82.51% +/- 3.86% (micro average: 82.50%)
ConfusionMatrix:
True: CB
              \mathsf{T}\mathsf{O}
CB:
      104
              105
      120
               957
kappa: 0.368 +/- 0.153 (micro average: 0.375)
ConfusionMatrix:
True: CB
    104
               105
CB:
       120
               957
root mean squared error: 0.384 +/- 0.037 (micro average: 0.385 +/- 0.000)
```

Random Forest

```
PerformanceVector:
accuracy: 82.74% +/- 1.26% (micro average: 82.74%)
ConfusionMatrix:
True: CB
            OT
    9
              7
CB:
      215
             1055
kappa: 0.052 +/- 0.069 (micro average: 0.053)
ConfusionMatrix:
True: CB
CB:
       9
OT:
       215
              1055
root mean squared error: 0.354 +/- 0.008 (micro average: 0.355 +/- 0.000)
```

Support Vector Machine

```
accuracy: 82.27% +/- 1.28% (micro average: 82.27%)
ConfusionMatrix:
True: CB
      15
              19
CB:
      209
OT:
              1043
kappa: 0.072 +/- 0.057 (micro average: 0.074)
ConfusionMatrix:
True: CB OT
CB:
      15
              19
       209
             1043
root mean squared error: 0.362 +/- 0.011 (micro average: 0.362 +/- 0.000)
```

2) 2_Clip_Affect_Data_CC_OT

AutoMLP

```
accuracy: 82.81% +/- 1.19% (micro average: 82.81%)
ConfusionMatrix:
True: CB OT
      8
      216
             1057
kappa: 0.045 +/- 0.096 (micro average: 0.049)
ConfusionMatrix:
True: CB
            OT
      8
              5
CB:
       216
             1057
root mean squared error: 0.391 +/- 0.021 (micro average: 0.391 +/- 0.000)
```

Logictic Regression

```
accuracy: 72.70% +/- 4.68% (micro average: 72.71%)
ConfusionMatrix:
```

```
True: CB
              OT
      95
               222
CB:
       129
OT:
               840
kappa: 0.182 +/- 0.138 (micro average: 0.185)
ConfusionMatrix:
True: CB
CB:
       95
               222
      129
OT:
               840
root mean squared error: 0.493 +/- 0.043 (micro average: 0.494 +/- 0.000)
```

NeuralNet

```
accuracy: 82.51% +/- 3.86% (micro average: 82.50%)
ConfusionMatrix:
True: CB
              OT
CB:
       104
               105
OT:
       120
               957
kappa: 0.368 +/- 0.153 (micro average: 0.375)
ConfusionMatrix:
True: CB
       104
               105
CB:
OT:
       120
               957
root mean squared error: 0.384 +/- 0.037 (micro average: 0.385 +/- 0.000)
```

Random Forest

```
accuracy: 82.74% +/- 1.26% (micro average: 82.74%)
ConfusionMatrix:
True: CB
              ОТ
       9
              7
CB:
      215
OT:
             1055
kappa: 0.052 +/- 0.069 (micro average: 0.053)
ConfusionMatrix:
            OT
True: CB
CB:
       9
               7
       215
              1055
root mean squared error: 0.354 +/- 0.008 (micro average: 0.355 +/- 0.000
```

Support Vector Machine

```
accuracy: 82.27% +/- 1.28% (micro average: 82.27%)
ConfusionMatrix:
True: CB
              OT
CB:
      15
              19
      209
              1043
OT:
kappa: 0.072 +/- 0.057 (micro average: 0.074)
ConfusionMatrix:
True: CB
       15
               19
CB:
OT:
       209
              1043
root mean squared error: 0.362 +/- 0.011 (micro average: 0.362 +/- 0.000)
```

3) 2_Clip_Affect_Data_CCF_OT

AutoMLP

ConfusionMatrix: True: CB

9

CB:

ОТ

```
accuracy: 82.81% +/- 1.19% (micro average: 82.81%)
ConfusionMatrix:
True: CB
            OT
               5
      8
CB:
      216
             1057
kappa: 0.045 +/- 0.096 (micro average: 0.049)
ConfusionMatrix:
True: CB
CB:
       8
       216
OT:
             1057
root mean squared error: 0.391 +/- 0.021 (micro average: 0.391 +/- 0.000)
Logictic Regression
accuracy: 72.70% +/- 4.68% (micro average: 72.71%)
ConfusionMatrix:
True: CB
CB:
       95
              222
OT:
      129
              840
kappa: 0.182 +/- 0.138 (micro average: 0.185)
ConfusionMatrix:
True: CB
            ОТ
      95
CB:
              222
      129
              840
root mean squared error: 0.493 +/- 0.043 (micro average: 0.494 +/- 0.000)
NeuralNet
accuracy: 82.51% +/- 3.86% (micro average: 82.50%)
ConfusionMatrix:
True: CB
              ОТ
CB:
      104
              105
            957
      120
kappa: 0.368 +/- 0.153 (micro average: 0.375)
ConfusionMatrix:
True: CB
             \circT
CB:
      104
              105
      120
              957
root mean squared error: 0.384 +/- 0.037 (micro average: 0.385 +/- 0.000)
Random Forest
accuracy: 82.74% +/- 1.26% (micro average: 82.74%)
```

OT: 215 1055

kappa: 0.052 +/- 0.069 (micro average: 0.053)

ConfusionMatrix:
True: CB OT
CB: 9 7
OT: 215 1055

 $\verb|root_mean_squared_error: 0.354 +/- 0.008 (micro average: 0.355 +/- 0.000)|$

Support Vector Machine

accuracy: 82.27% +/- 1.28% (micro average: 82.27%)

ConfusionMatrix:
True: CB OT
CB: 15 19
OT: 209 1043

kappa: 0.072 +/- 0.057 (micro average: 0.074)

ConfusionMatrix:
True: CB OT
CB: 15 19
OT: 209 1043

root mean squared error: 0.362 +/- 0.011 (micro average: 0.362 +/- 0.000)