best Recursive Feature Eleminiation Algorithm (bRFE):

```
Input
F= All features set of NLB data for ECD
```

```
MaxNumIt:=Total no. of input feature,
MinNumF:=1, NumSF:=0
n:= NumModels, i:= MaxNumIt
LearningModels:=[m₁, m₂, ..., mₙ],
EvaScore:=0, bestFeatureSET:=F
```

If **i >= MinNumF**

No

Yes

j:=0, NumF:=i

i:=i-1

If **j <= n**

No

Yes

```
model=LearningModels[j],
score=find AUC/Accuracy evaluation score
using model and NumF in REF tools
SecF:= Selected Feature in REF, j:=j-1
```

If **score >= EvaScore**

No

Yes

```
EvaScore:=score,
bestFeatureSET:=SecF, NumSF
```

```
Selected Feature:=bestFeatureSET,
Selected Number Feature:=NumSF
```

End