December 9, 2017

```
>> random forests
>> random forests
Error using load
Cannot read file D:\graduate\ec503\project\face
recognition\ec503 final project-✓
master\implementation\custom\random forests\data 300 300.mat.
Error in random forests (line 1)
dataset=load('data 300 300.mat');
>> random forests
>> random forests
>> random forests
Error using classreg.learning.internal.DisallowVectorOps/subsasgn (line 28)
You cannot assign to an object of class ClassificationTree using () indexing.
Error in random forests (line 28)
        tc(t) = fitctree(Xtrain2, Ytrain2, 'MinParentSize', 18, 'MaxNumSplits', 30);
>> random forests
Error using classreg.learning.internal.DisallowVectorOps/subsasgn (line 28)
You cannot assign to an object of class double using () indexing.
Error in random forests (line 29)
       trees(t)=tc;
>> random forests
>> random forests
>> random forests
The train CCR is: 0.747500.
Undefined function or variable 'testCCR'.
Error in random forests (line 42)
    fprintf('The test CCR is: %f.\n',testCCR);
>> random forests
The train CCR is: 0.694000.
The test CCR is: 0.161500.
>> random forests
The train CCR is: 0.914000.
The test CCR is: 0.185500.
>> random forests
The train CCR is: 0.722000.
The test CCR is: 0.157500.
>> random forests
The train CCR is: 0.758500.
The test CCR is: 0.154500.
>> random forests
```

```
The train CCR is: 0.761000.
The test CCR is: 0.164000.
>> random forests
The train CCR is: 0.765500.
The test CCR is: 0.158500.
>> random forests
The train CCR is: 0.757500.
The test CCR is: 0.153500.
>> random forests
The train CCR is: 0.747500.
The test CCR is: 0.160500.
>> random forests
The train CCR is: 0.752500.
The test CCR is: 0.148500.
>> random forests
The train CCR is: 0.735500.
The test CCR is: 0.154000.
>> random forests
The train CCR is: 0.770500.
The test CCR is: 0.150000.
>> random forests
The train CCR is: 0.755500.
The test CCR is: 0.156000.
>> random forests
The train CCR is: 0.760000.
The test CCR is: 0.158500.
>> random forests
The train CCR is: 0.735500.
The test CCR is: 0.161000.
>> random forests
The train CCR is: 0.740500.
The test CCR is: 0.147000.
>> random forests
The train CCR is: 0.753000.
The test CCR is: 0.166000.
>> random forests
The train CCR is: 0.750500.
The test CCR is: 0.152500.
>> random forests
The train CCR is: 0.766000.
The test CCR is: 0.162000.
>> random forests
The train CCR is: 0.758500.
The test CCR is: 0.165500.
>> random forests
The train CCR is: 0.701500.
The test CCR is: 0.156000.
>> random forests
```

```
The train CCR is: 0.714000.
The test CCR is: 0.153500.
>> random forests
The train CCR is: 0.702500.
The test CCR is: 0.159500.
>> random forests
The train CCR is: 0.703000.
The test CCR is: 0.144000.
>> random forests
The train CCR is: 0.733000.
The test CCR is: 0.161000.
>> random forests
The train CCR is: 0.734000.
The test CCR is: 0.160000.
>> random_forests
The train CCR is: 0.738500.
The test CCR is: 0.150000.
>> random forests
The train CCR is: 0.727000.
The test CCR is: 0.152500.
>> random_forests
The train CCR is: 0.878500.
The test CCR is: 0.169000.
>> random forests
The train CCR is: 0.890500.
The test CCR is: 0.174000.
>> random forests
The train CCR is: 0.884000.
The test CCR is: 0.163500.
>> random forests
The train CCR is: 0.897000.
The test CCR is: 0.688000.
>> random forests
The train CCR is: 0.875000.
The test CCR is: 0.688000.
>> random forests
The train CCR is: 0.997000.
The test CCR is: 0.762000.
>> random forests
The train CCR is: 1.000000.
The test CCR is: 0.822000.
>>
```