
Subject: Hi

Posted by [Hamid Kohen](#) on Thu, 09 Mar 2000 08:00:00 GMT

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Does anyone know why the lookup command code that I have written here does not work?

```
pro kohen_algorithm
```

```
envi_select, title='Choose a Bio-Image-Cube',fid=fid,dims=dims,pos=pos
; Output directly path is currently at J:\..\..\cancer\
envi_file_query, fid, data_type=data_type, ns=ns, nb=nb, nl=nl,
fname=fname
```

```
;Set up the variables needed as input to the classification
envi_stats_doit, comp_flag=0, fid=fid, dims=dims, $
    pos=pos, stdv=stdv, mean=mean
```

```
kmeans_out_name="j:\users\kohen\cancer\simulation\kmeans_out " + ".dat"
num_classes=5
```

```
class_names=strarr(num_classes+1)
for i=1,num_classes do class_names[i]="class"+strtrim(i,2)
class_names = ["Unclassified", "Glass", "Cell Walls", "Nuclei",
"Cytoplasm", "Stroma Blood V"]
lookup      = [[0,0,0],
[255,255,255],[0,0,255],[255,0,0],[0,255,0],[0,125,125]]
```

```
;run the classification
envi_check_save, /classification
class_doit, fid=fid, pos=pos, dims=dims, out_name=kmeans_out_name, $
    method=7, r_fid=c_fid, mean=mean, $
    out_bname="Kohonen Classifier", iterations=1, change_thresh=0.1, $
    num_classes=num_classes, lookup=lookup,stdv=stdv, in_memory=0, $
    class_names=class_names, Thresh = ((total(mean)) / nbands) * 1.958
;;; this value should be set by u
;; ENVI_EXIT
print, " This is has completed is task "
end
```
