
Subject: ROI stack

Posted by [megan17](#) on Thu, 12 Jun 2008 21:45:25 GMT

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Hello,

Can anyone see where I'm going wrong here? I'm trying to generate a binary mask of a multislice MRI image. When I run this at the command line it works, but when I put it in a loop, it fails to return anything. i.e. all variables of interest are "undefined"

Any help/tips would be appreciated!

Thanks,

Megan

AT COMMAND LINE:

```
xroi, img[*,*,i], regions_out = roi, /Block
```

```
mask = roi -> ComputeMask(Dimensions = dims, Mask_Rule=2)
```

```
masks[*,*,i] = mask
```

LOOP:

```
pro twodmask
```

```
img = read_nifti(dialog_pickfile())
```

```
dims = size(img[*,*,3], /dimensions)
```

```
s = size(img, /dimensions)
```

```
n_slices = 2 ;s[2]
```

```
masks = fltarr(dims[0], dims[1], s[2])
```

```
for i = 0,n_slices-1 do begin
```

```
    xroi, img[*,*,i], regions_out = roi, /Block
```

```
    mask = roi -> ComputeMask(Dimensions = dims, Mask_Rule=2)
```

```
    masks[*,*,i] = mask
```

```
endfor
```

```
end
```
