

First steps in matlab and with SPM.

Get your Matlab running

Test your Matlab

- Open Matlab
- Go to the folder where you have the file `setup_path_for_tutorial.m`
- In your Matlab console type «`setup_path_for_tutorial`» and then enter.

Command Window

New to MATLAB? See resources for [Getting Started](#).

```
>> setup_path_for_tutorial
Adding E:\DocumentsNobox\MandMDaten\MandM\code\spm to the path!
Adding E:\DocumentsNobox\MandMDaten\MandM\code\ownCode to the path!
I am trying to find out which SPM version is installed.
You are running  SPM12, release number: 6906.
```

```
ans =
```

```
1
```

Start SPM

- Type `spm fmri`

Command Window

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```
>> setup_path_for_tutorial
```

```
Adding E:\DocumentsNobox\MandMDaten\MandM\code\spm to the path!
```

```
Adding E:\DocumentsNobox\MandMDaten\MandM\code\ownCode to the path!
```

```
I am trying to find out which SPM version is installed.
```

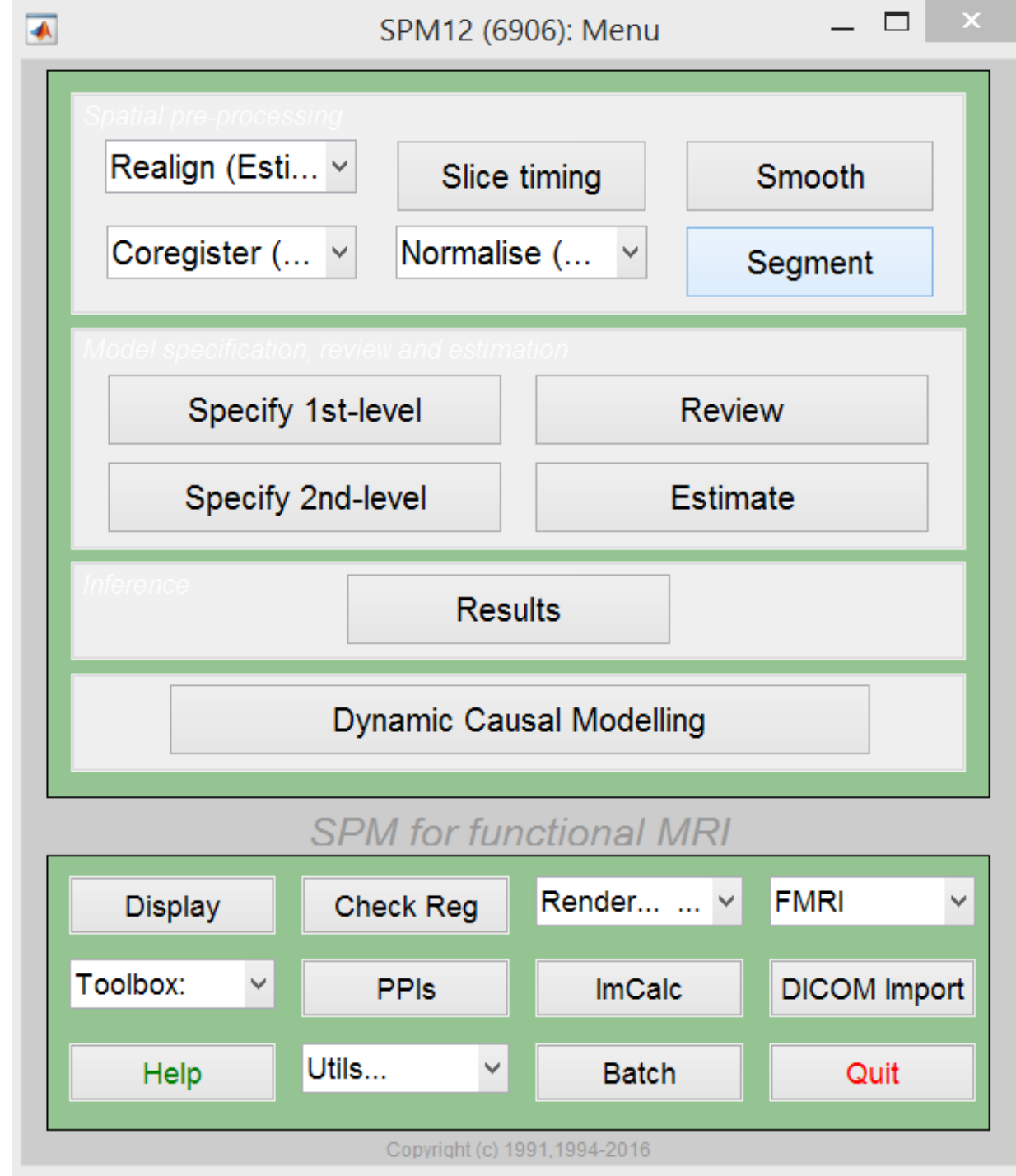
```
You are running SPM12, release number: 6906.
```

```
ans =
```

```
1
```

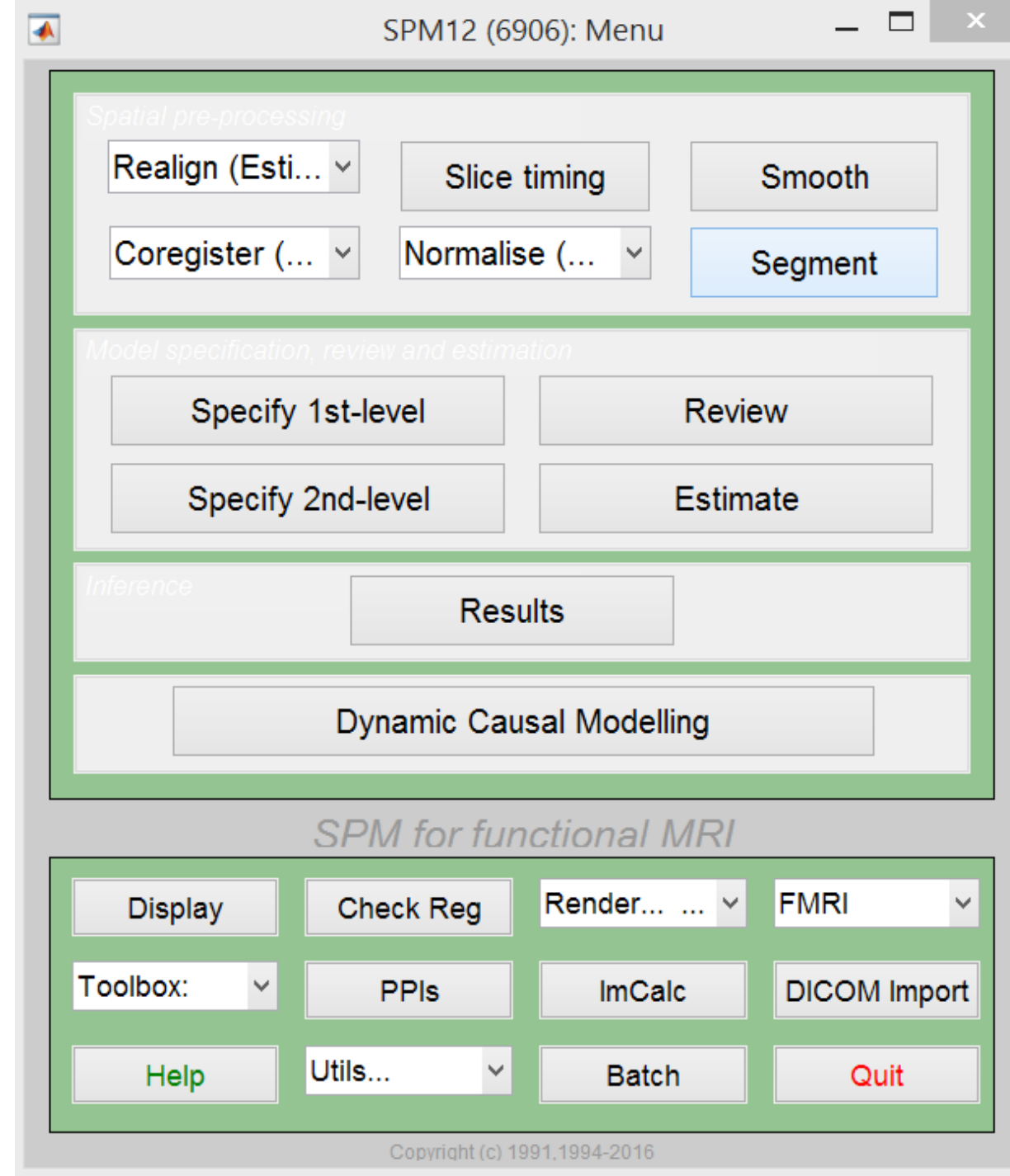
```
fx >> spm fmri|
```

SPM main menu



Useful tools

- Display:
 - Try to display the image skstruct.nii
 - Play around with the different options on the graphics window.
 - Do the same for rafmri01.nii,1
- Check Reg
 - Press and select both the skstruct.nii and the rafmri01.nii,1
 - What do you observe.
 - Try to do an outline. Right click on one image and select outline.



Calculation

- Use the ImCalc tool to compute some «interesting things from the images.
 - E.g. mean of the 10 rafmri.. Images, thresholded image, etc. be creative. What could be an interesting thing to look at.