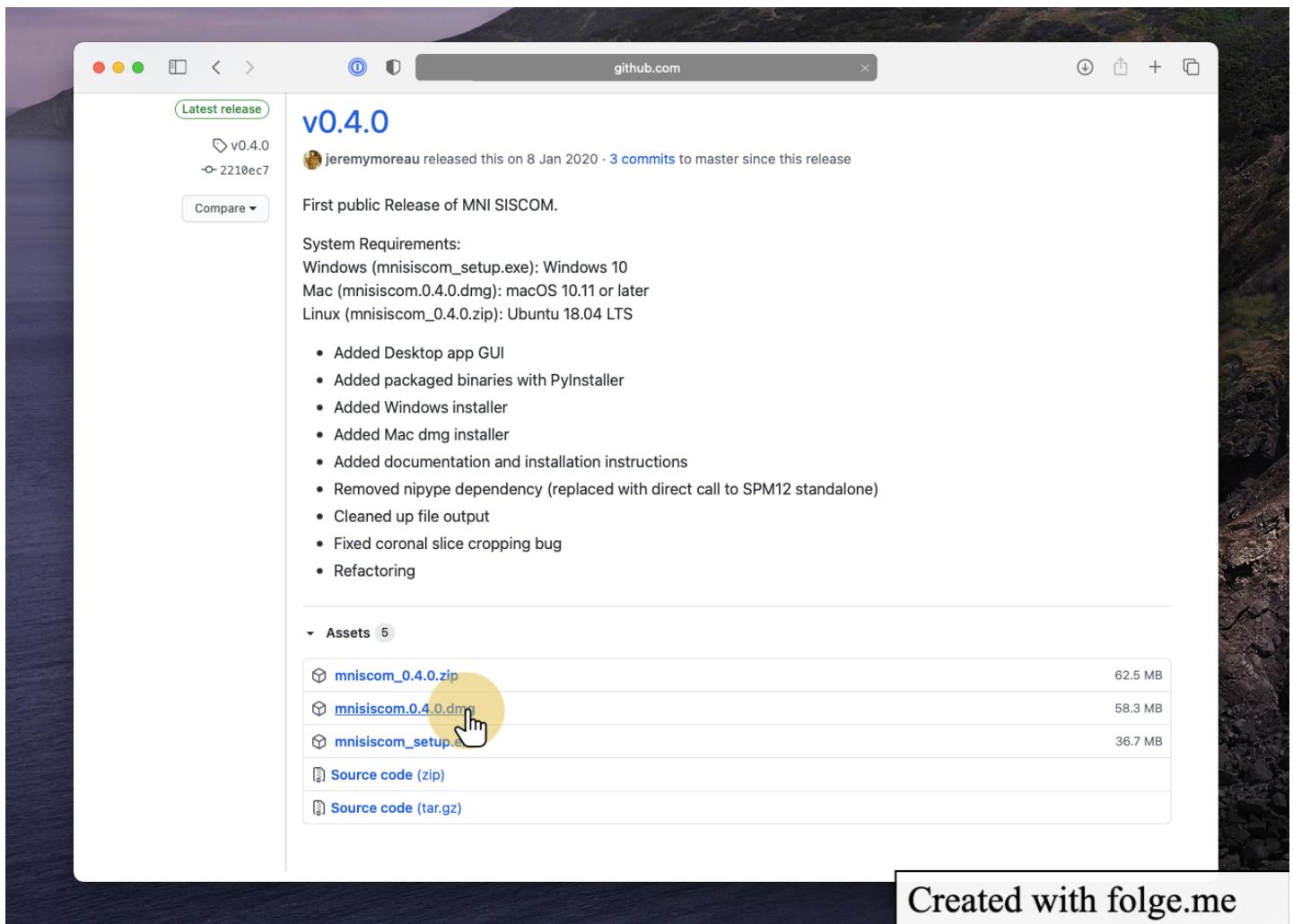


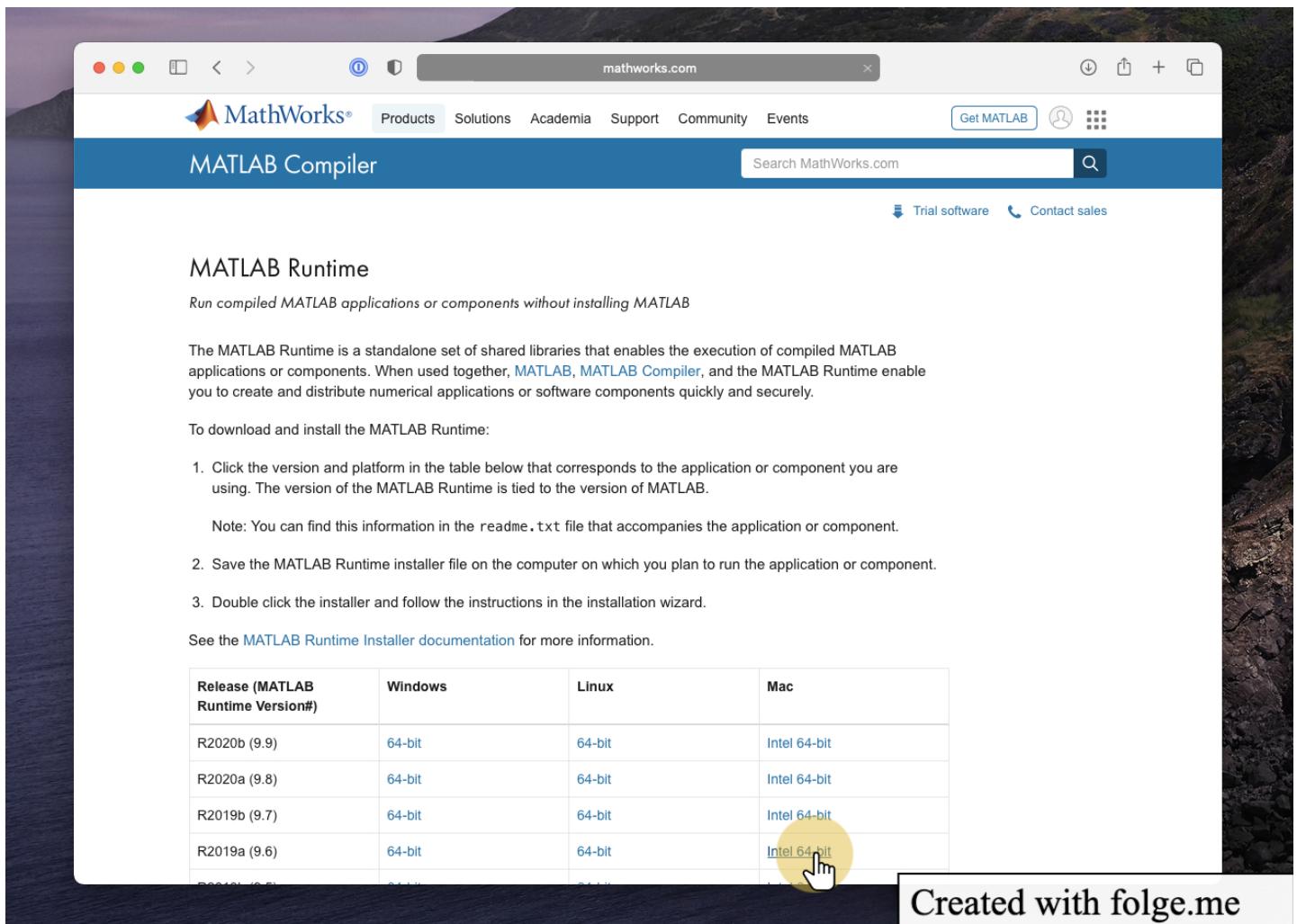
1. Download the MNI SISCOM installer

Download link: <https://github.com/jeremymoreau/mnisiscom/releases/tag/v0.4.0>



2. Download the Matlab MCR R2019a for macOS installer

Download link: <https://www.mathworks.com/products/compiler/matlab-runtime.html>



MATLAB Runtime

Run compiled MATLAB applications or components without installing MATLAB

The MATLAB Runtime is a standalone set of shared libraries that enables the execution of compiled MATLAB applications or components. When used together, **MATLAB**, **MATLAB Compiler**, and the MATLAB Runtime enable you to create and distribute numerical applications or software components quickly and securely.

To download and install the MATLAB Runtime:

1. Click the version and platform in the table below that corresponds to the application or component you are using. The version of the MATLAB Runtime is tied to the version of MATLAB.

Note: You can find this information in the `readme.txt` file that accompanies the application or component.

2. Save the MATLAB Runtime installer file on the computer on which you plan to run the application or component.
3. Double click the installer and follow the instructions in the installation wizard.

See the [MATLAB Runtime Installer documentation](#) for more information.

Release (MATLAB Runtime Version#)	Windows	Linux	Mac
R2020b (9.9)	64-bit	64-bit	Intel 64-bit
R2020a (9.8)	64-bit	64-bit	Intel 64-bit
R2019b (9.7)	64-bit	64-bit	Intel 64-bit
R2019a (9.6)	64-bit	64-bit	Intel 64-bit
R2018b (9.5)	64-bit	64-bit	Intel 64-bit
R2018a (9.4)	64-bit	64-bit	Intel 64-bit

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3. Download the SPM12 R2019a installer

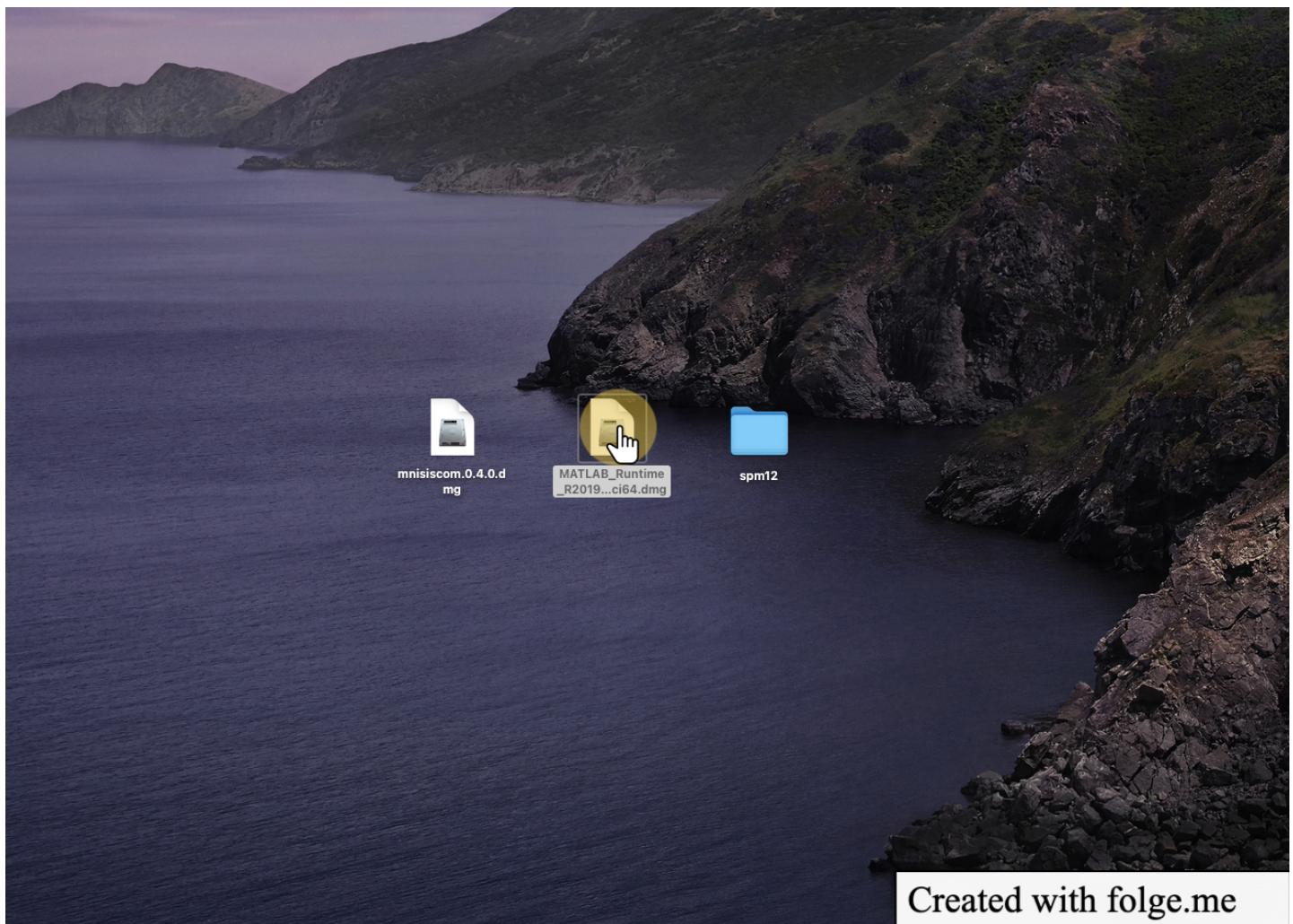
Download link: <https://www.fil.ion.ucl.ac.uk/spm/download/restricted/utopia/dev/>

Index of /spm/download/restricted/utopia/dev

Name	Last modified	Size	Description
Parent Directory	-	-	
WARNING.txt	2019-01-28 12:44	205	
soon_gone/	2020-11-13 10:57	-	
spm12_latest_BI_Linux.>	2020-12-10 01:45	1.IK	
spm12_latest_BI_Linux.>	2020-12-10 01:59	556M	
spm12_latest_Linux_R.>	2020-12-10 01:35	1.IK	
spm12_latest_Linux_R.>	2020-12-10 01:44	101M	
spm12_r7512_BI_Windo.>	2019-01-28 12:43	243M	
spm12_r7532_BI_macOS.>	2019-02-15 16:31	244M	
spm12_r7771_BI_Linux.>	2020-01-14 09:48	391M	
spm12_r7771_Linux_R2.>	2020-01-13 15:37	100M	
spm12_r7771_Windows.>	2020-01-13 16:41	113M	
spm12_r7771_macOS_R2.>	2020-01-13 17:22	113M	

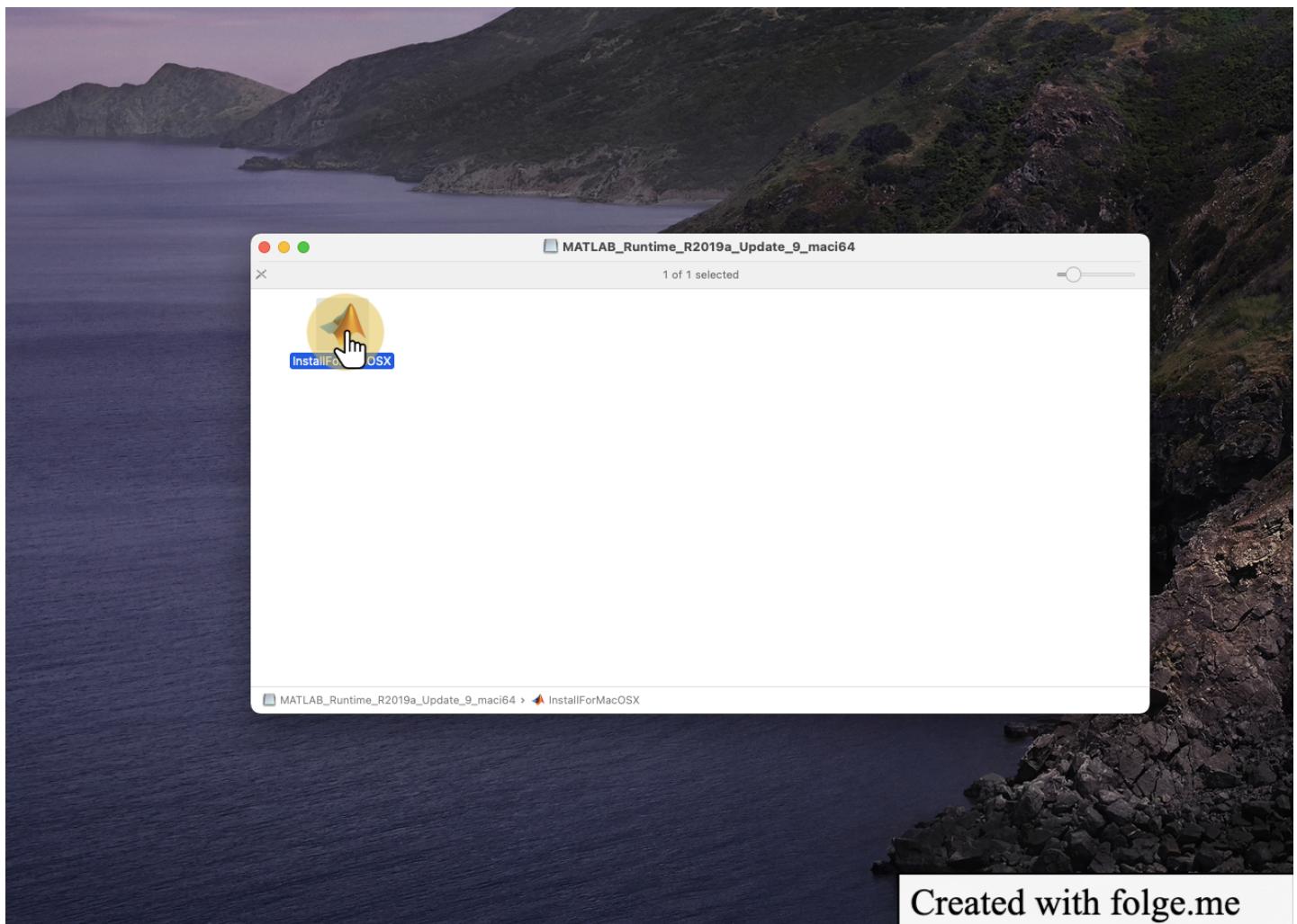
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4. Open the Matlab MCR installer

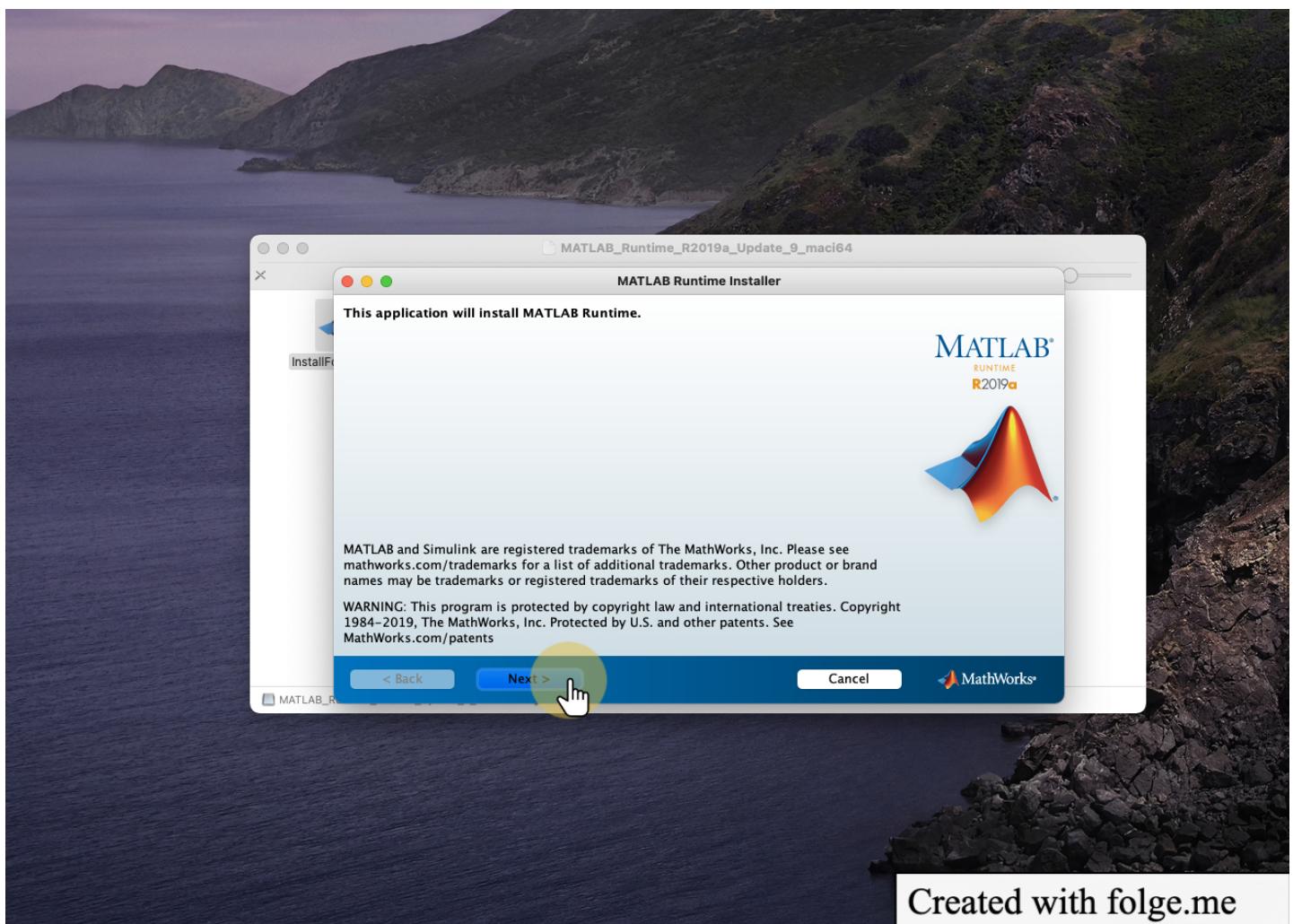


5. Launch the Matlab MCR installer

macOS may display a warning, click open

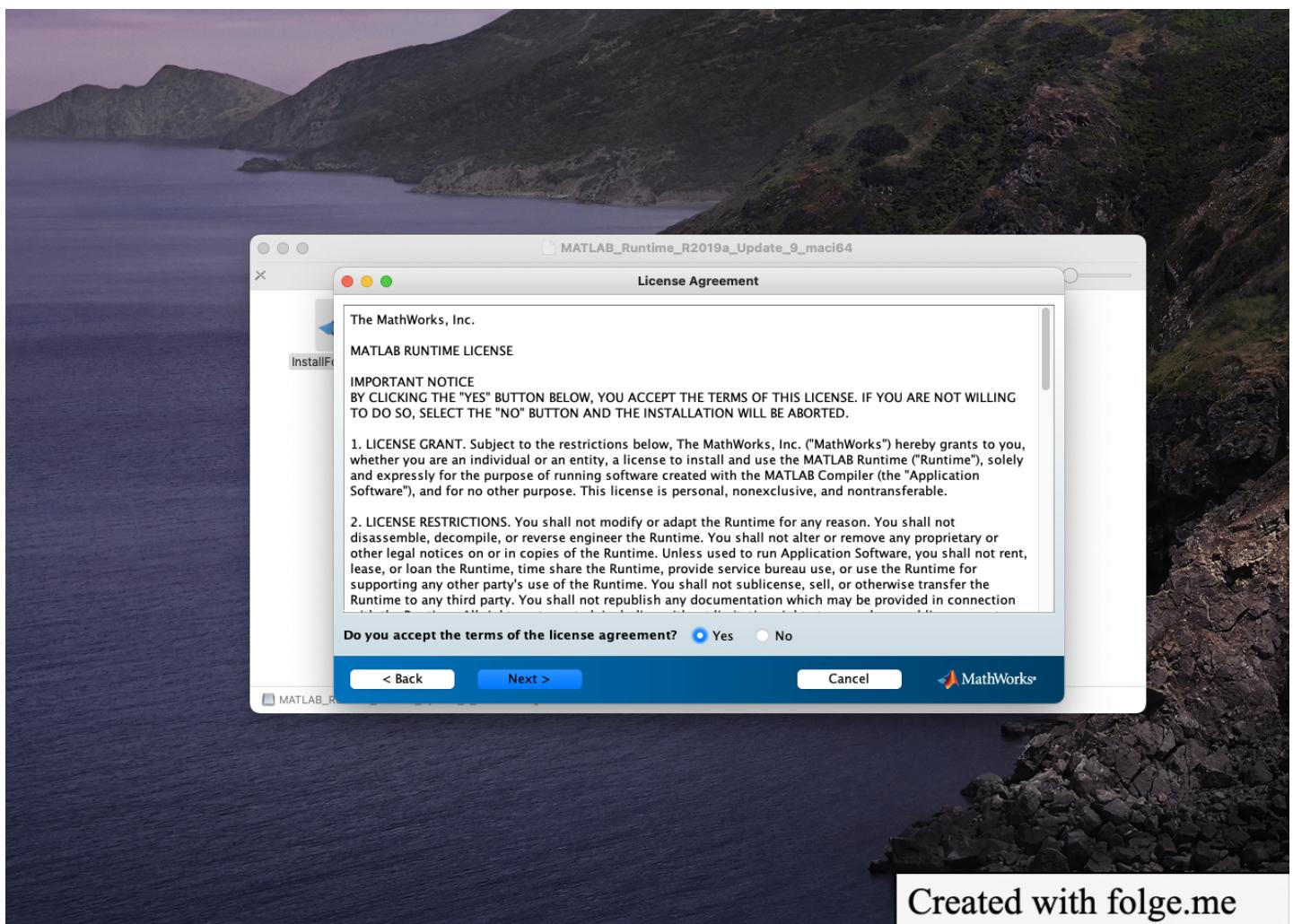


6. Install the Matlab MCR



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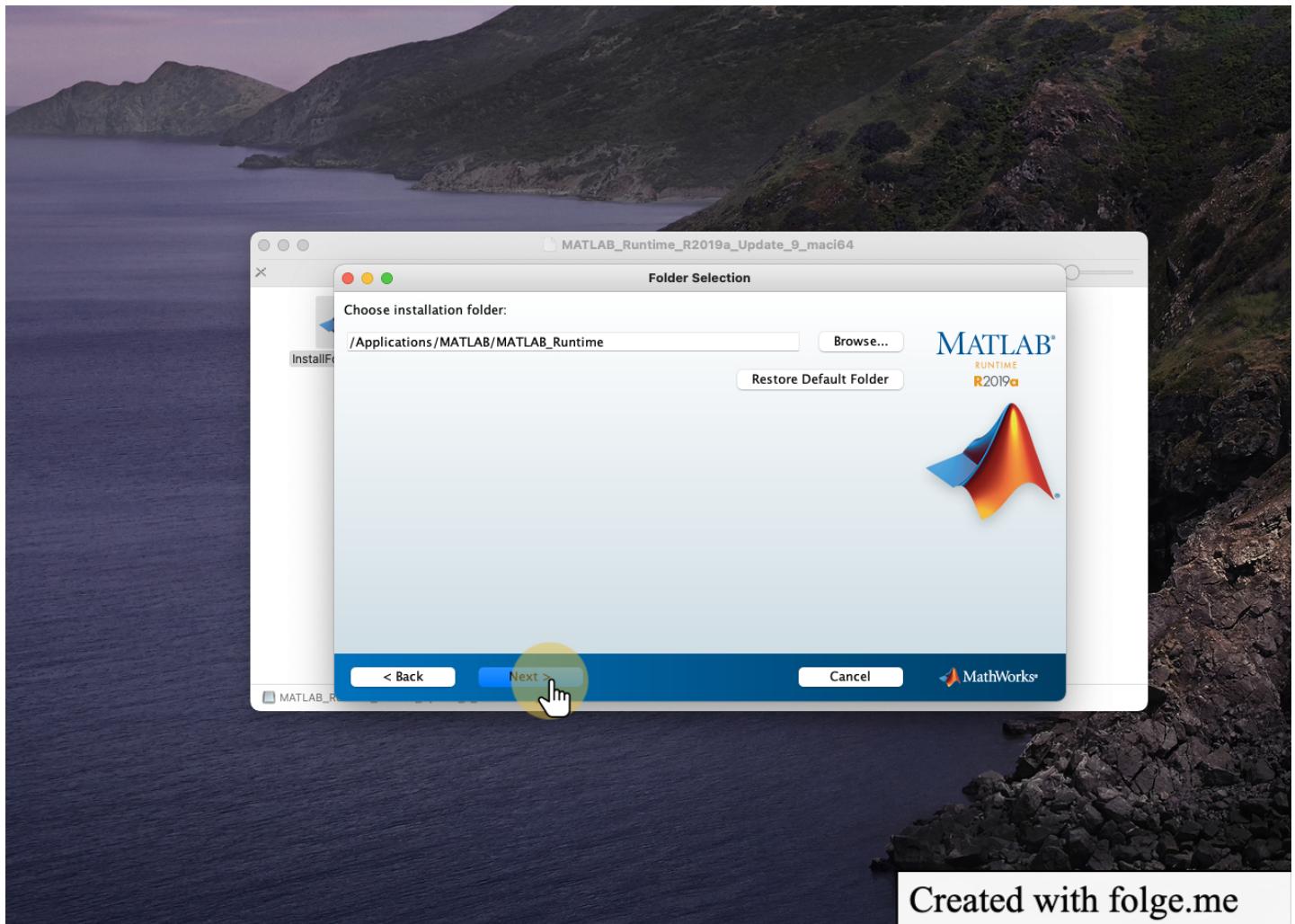
7. Install the Matlab MCR



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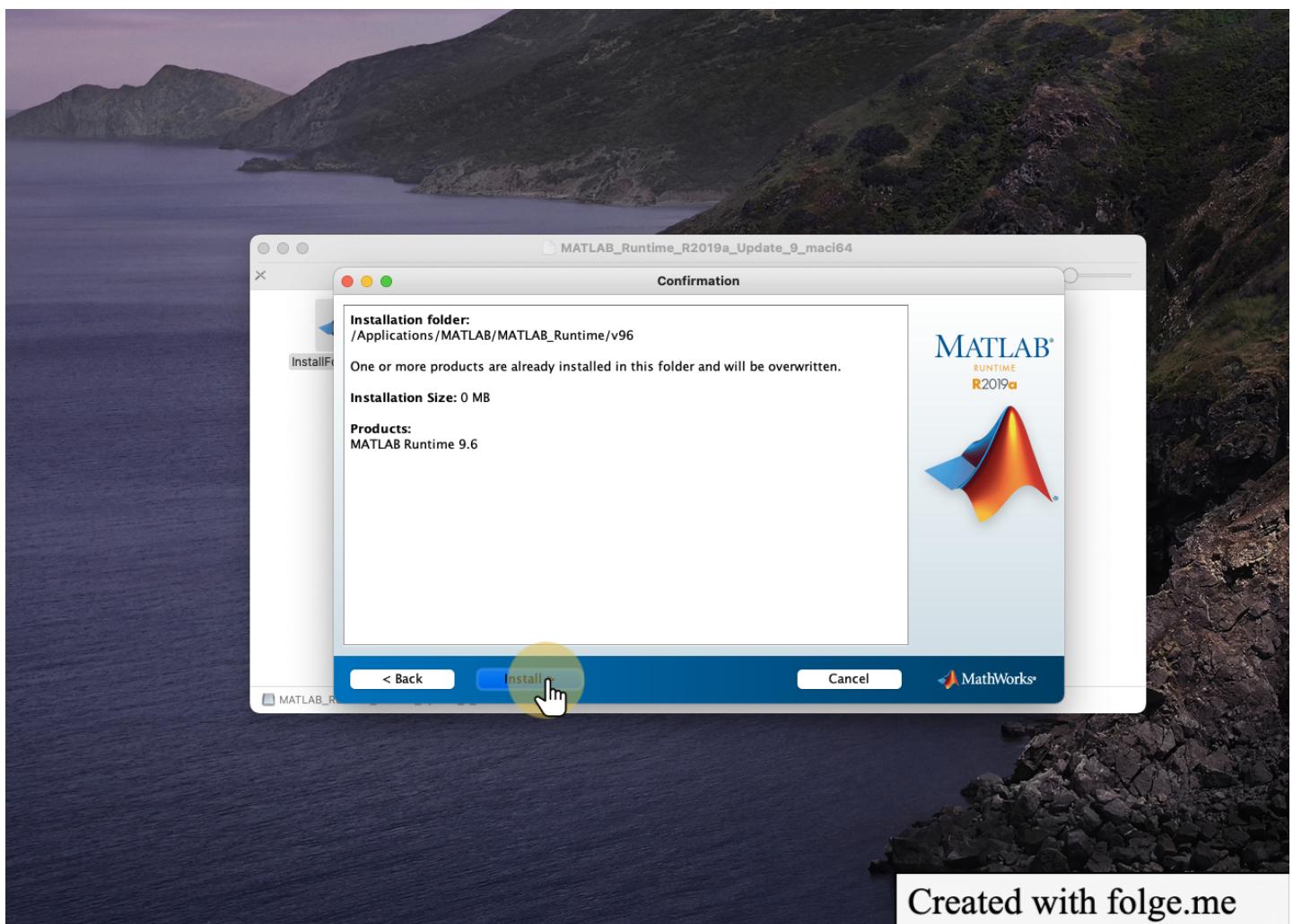
8. Install the Matlab MCR

Note down the installation folder (typically /Applications/MATLAB/MATLAB_Runtime)

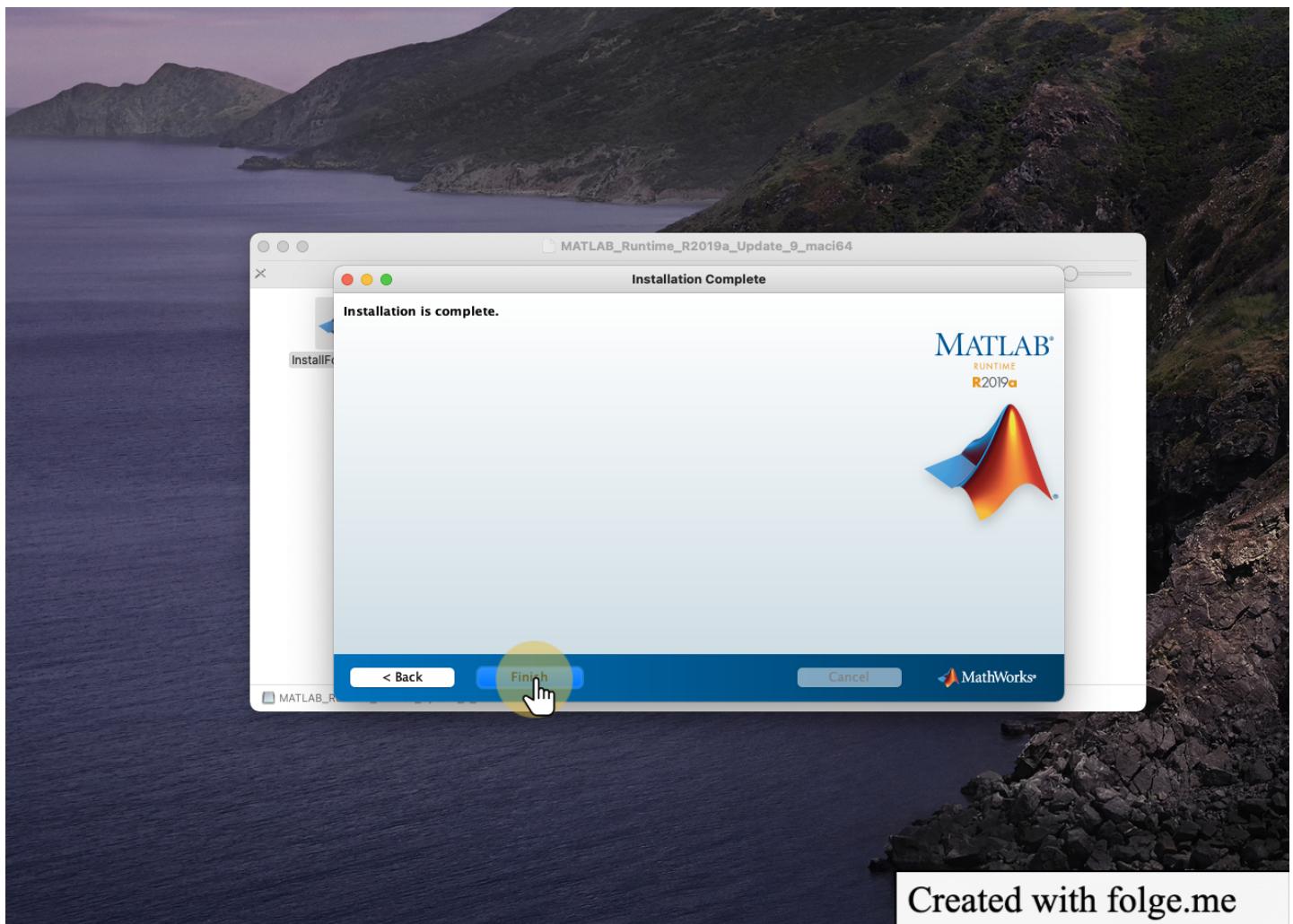


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9. Install the Matlab MCR



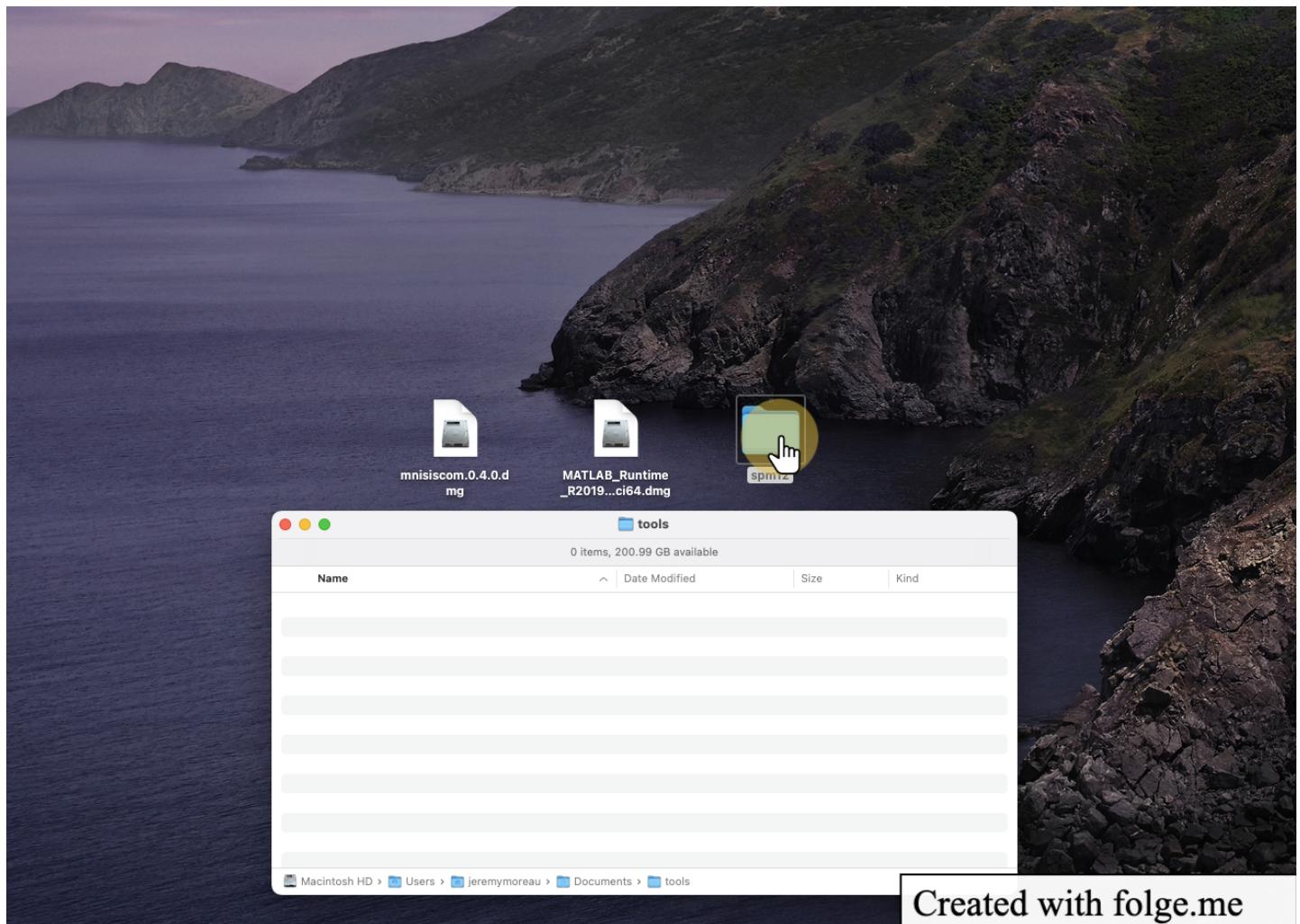
10. Install the Matlab MCR



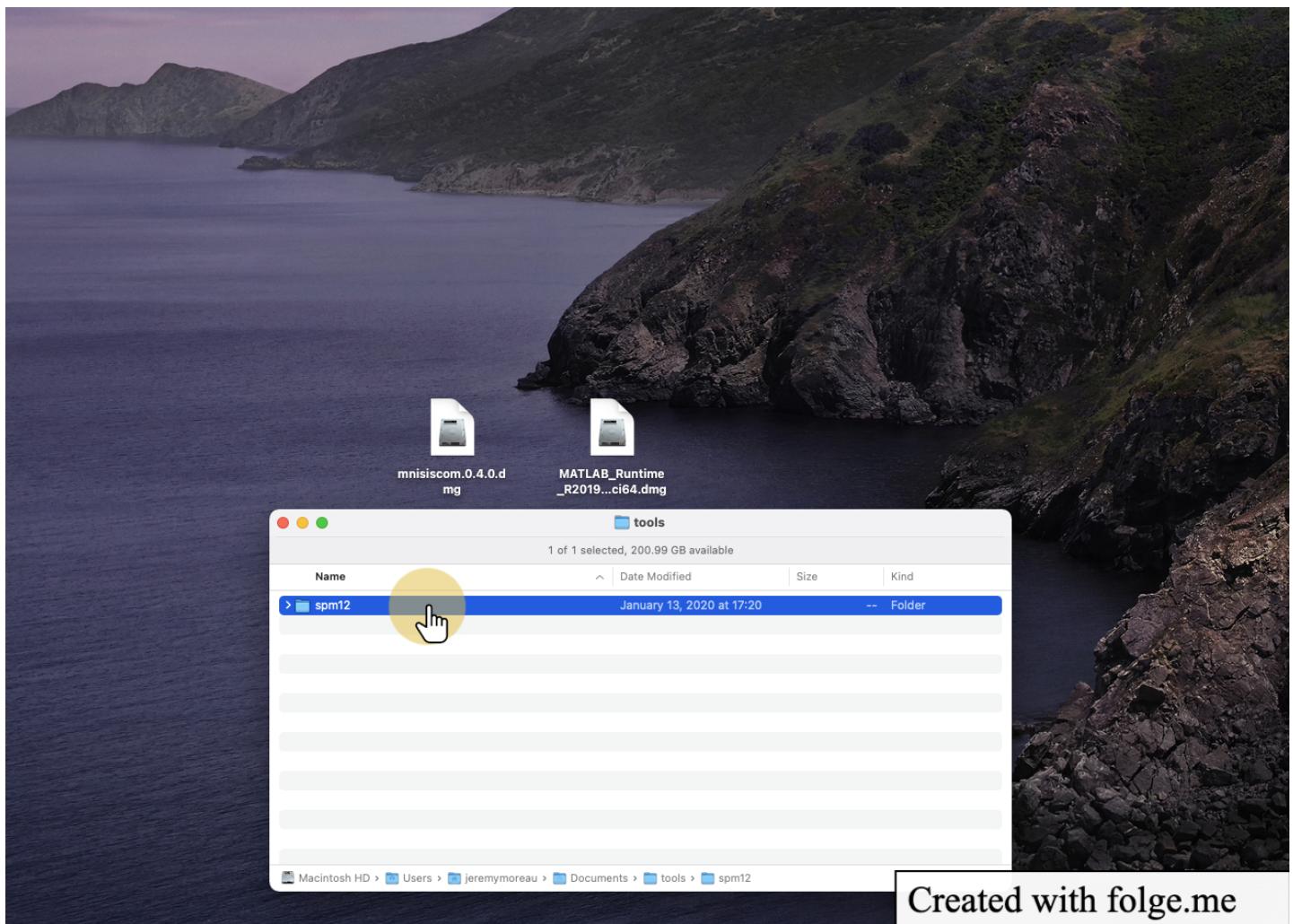
11. Move the spm12 folder to where you want to save it

In this case, I have moved it to /Users/<myusername>/Documents/tools

Note: If the folder is zipped (spm12.zip), double click it to unzip it first.



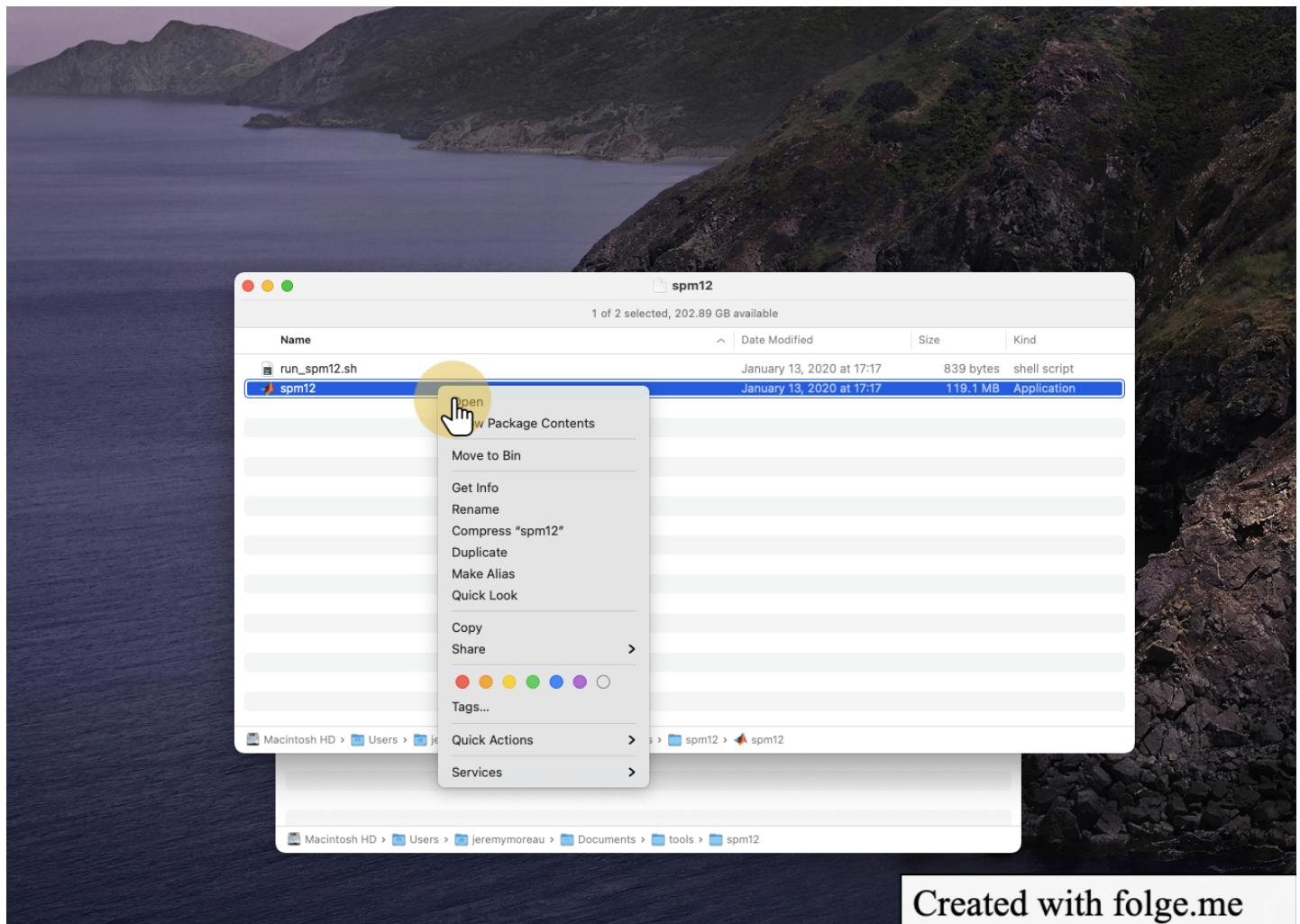
12. Open the spm12 folder



13. Right click spm12 and click "open"

You may get a warning that macOS cannot verify the developer, click open.

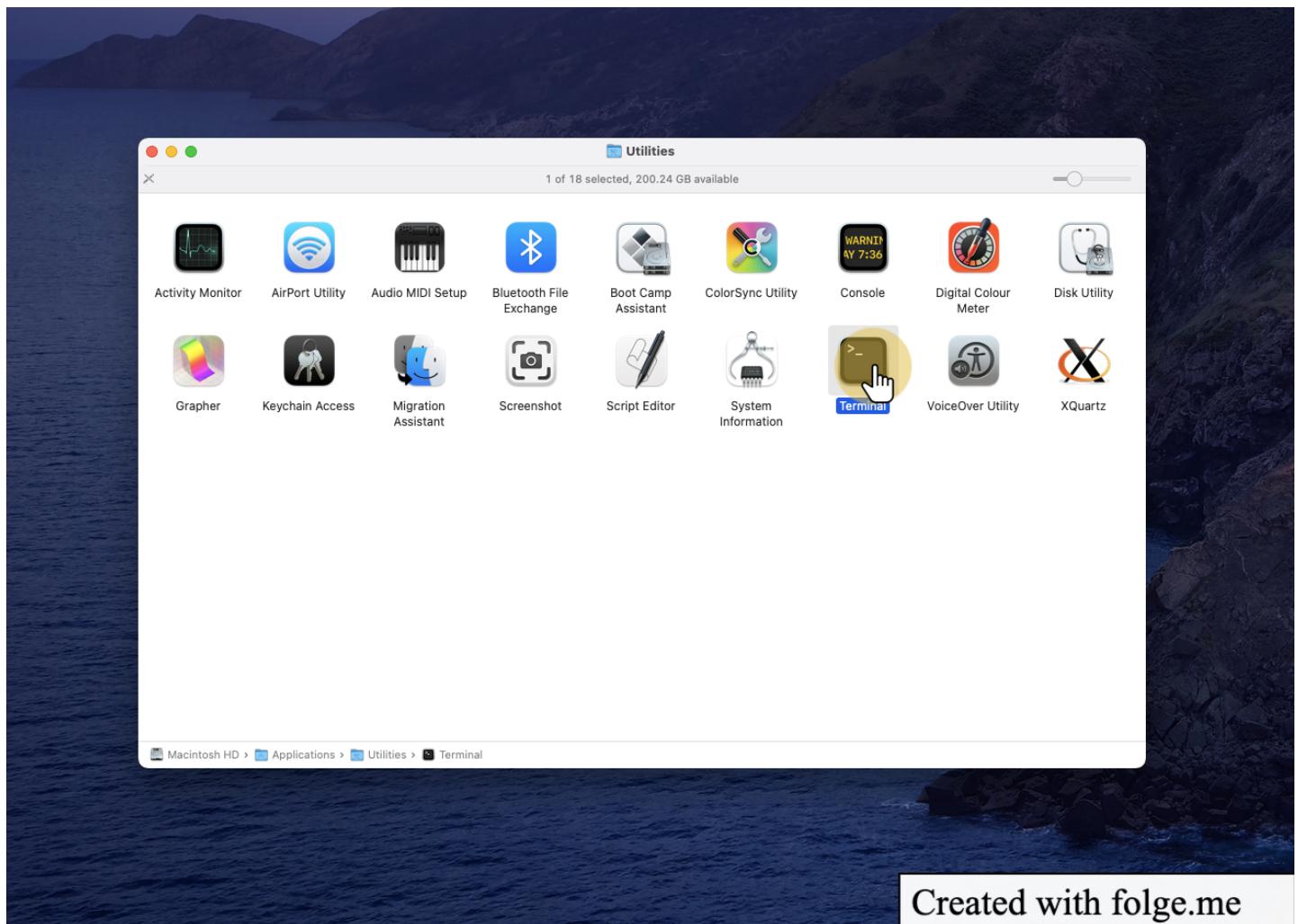
Note: nothing will actually start after you select open, this is normal.



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14. Open the "Terminal" app

This app is located in the /Applications/Utilities folder



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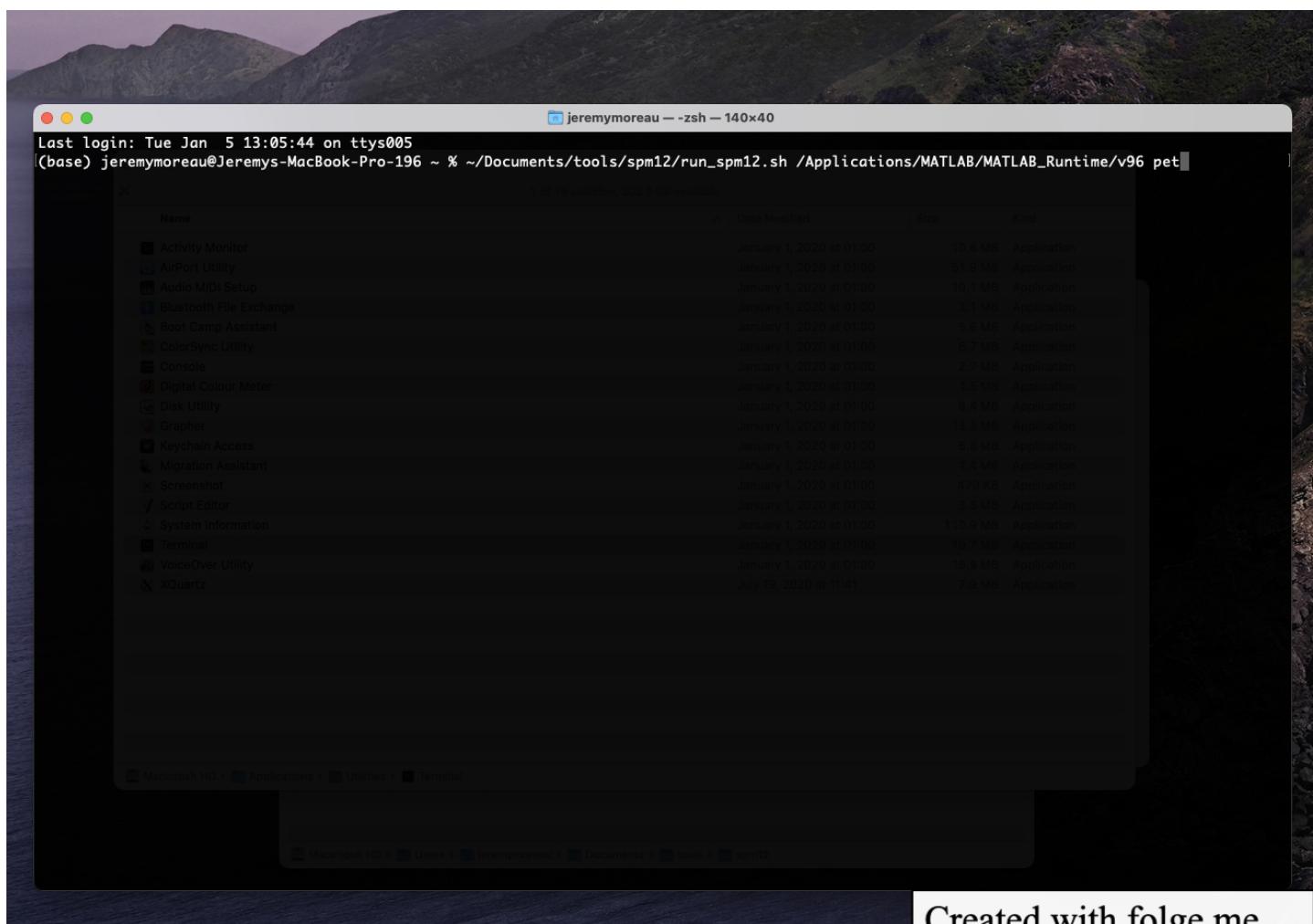
15. Enter the following command

First make note of:

1. Where you have installed spm12, in my case it is in: ~/Documents/tools/spm12/run_spm12.sh
2. Where you have installed the Matlab MCR, in my case it is in: /Applications/MATLAB/MATLAB_Runtime/v96

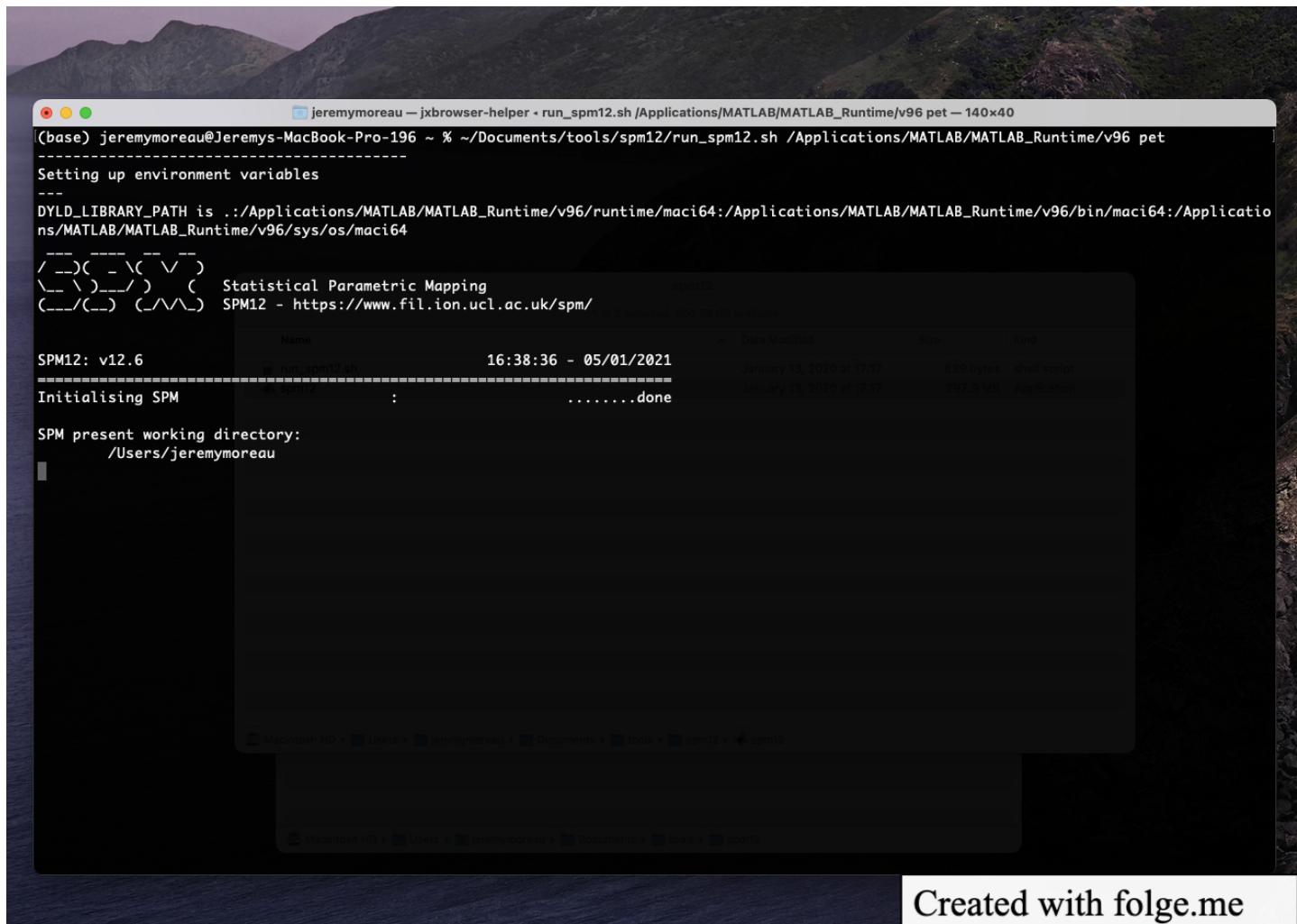
So the command I run in Terminal is:

```
~/Documents/tools/spm12/run_spm12.sh /Applications/MATLAB/MATLAB_Runtime/v96 pet
```



16. Wait for SPM12 to start

This may take a few minutes. MNI SISCOM will not work properly unless SPM12 is installed and functional (SPM12 is used for coregistration of images).



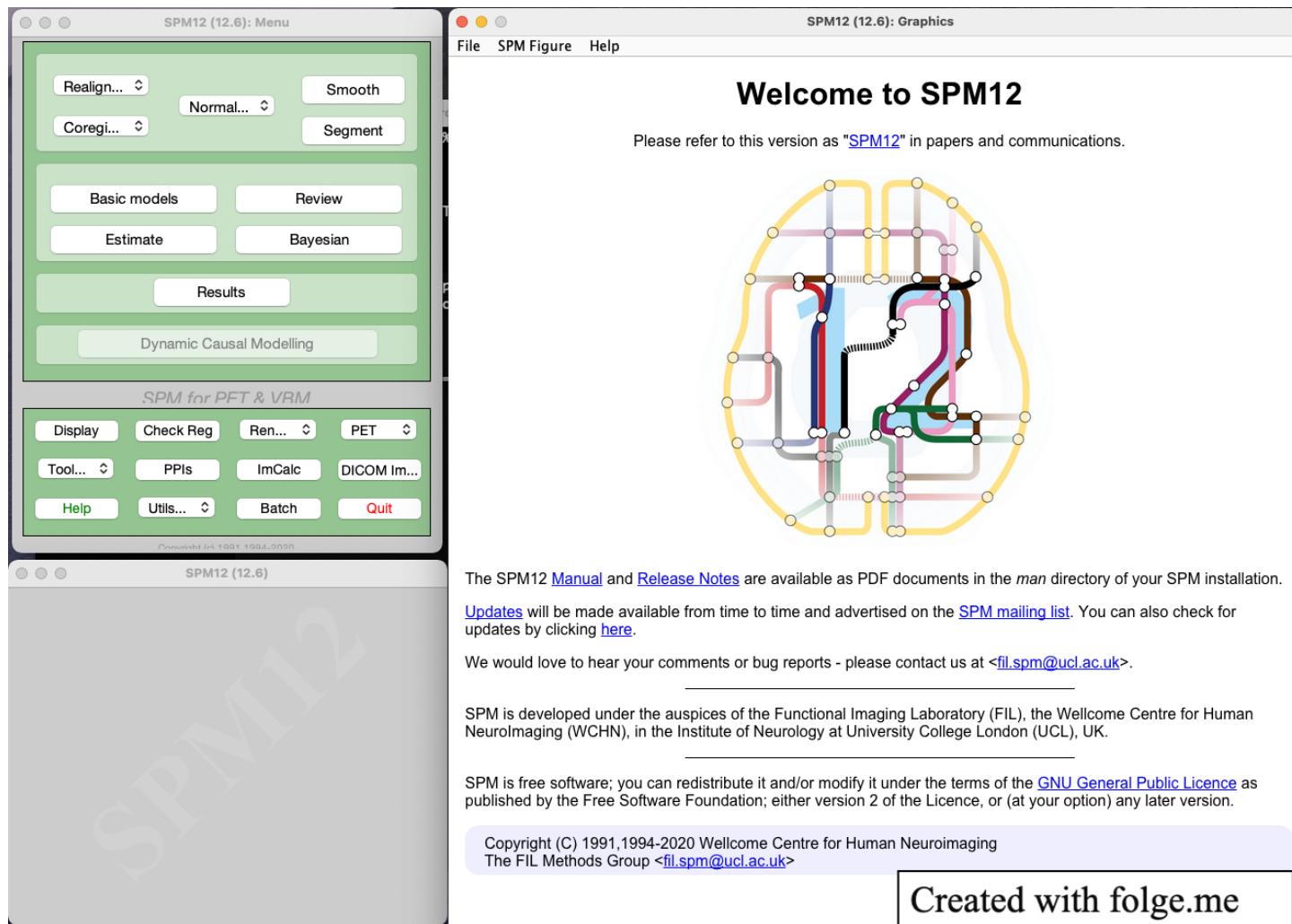
The screenshot shows a terminal window titled "jeremy moreau — jxbrowser-helper + run_spm12.sh". The command run_spm12.sh was executed from the directory /Applications/MATLAB/MATLAB_Runtime/v96. The output shows the setup of environment variables, the path to SPM12, and the initialization of SPM12. It also displays the present working directory as /Users/jeremy moreau. The terminal window has a dark background and light text. The title bar and some menu items are visible at the top.

```
[base] jeremy moreau@Jeremys-MacBook-Pro-196 ~ % ~/Documents/tools/spm12/run_spm12.sh /Applications/MATLAB/MATLAB_Runtime/v96 pet - 140x40
Setting up environment variables
-----
DYLD_LIBRARY_PATH is .:/Applications/MATLAB/MATLAB_Runtime/v96/runtime/maci64:/Applications/MATLAB/MATLAB_Runtime/v96/bin/maci64:/Applications/MATLAB/MATLAB_Runtime/v96/sys/os/maci64
____ _ _ \ \ \ \ )  (  Statistical Parametric Mapping  SPM12
( __/ \ \ ) ( \ \ \ \ ) SPM12 - https://www.fil.ion.ucl.ac.uk/spm/
SPM12: v12.6
Initialising SPM
SPM present working directory:
  /Users/jeremy moreau
Name          Date Modified      Size      Kind
run_spm12.sh  January 13, 2020 at 17:17  839 bytes  shell script
spm12         January 13, 2020 at 17:17  297.9 MB  Application
Macintosh HD > Users > jeremy moreau > Documents > tools > spm12 > spm12
Macintosh HD > Users > jeremy moreau > Documents > tools > spm12
```

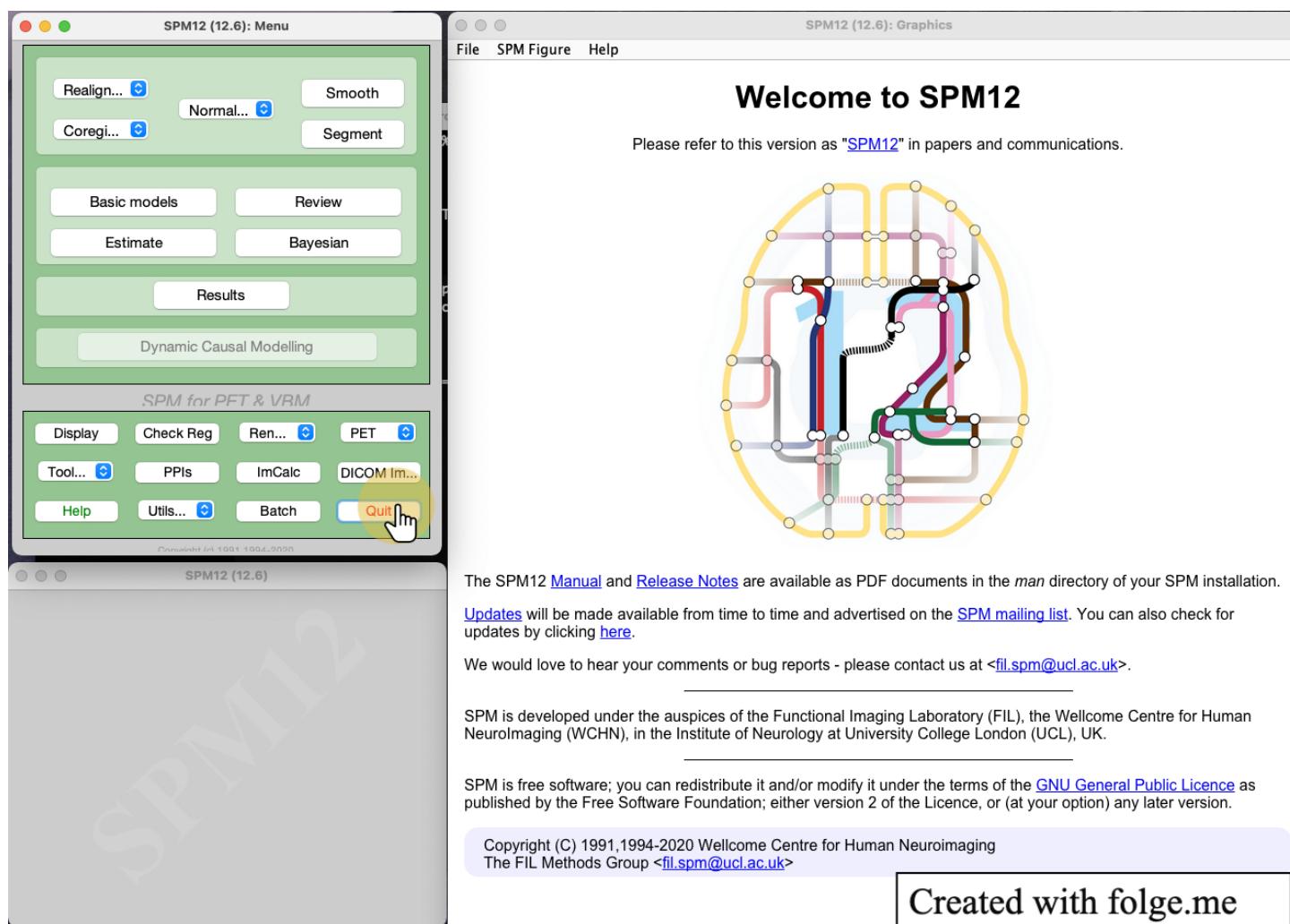
Created with folge.me

17. Verify that SPM12 is working

If you see these windows, then SPM12 is working

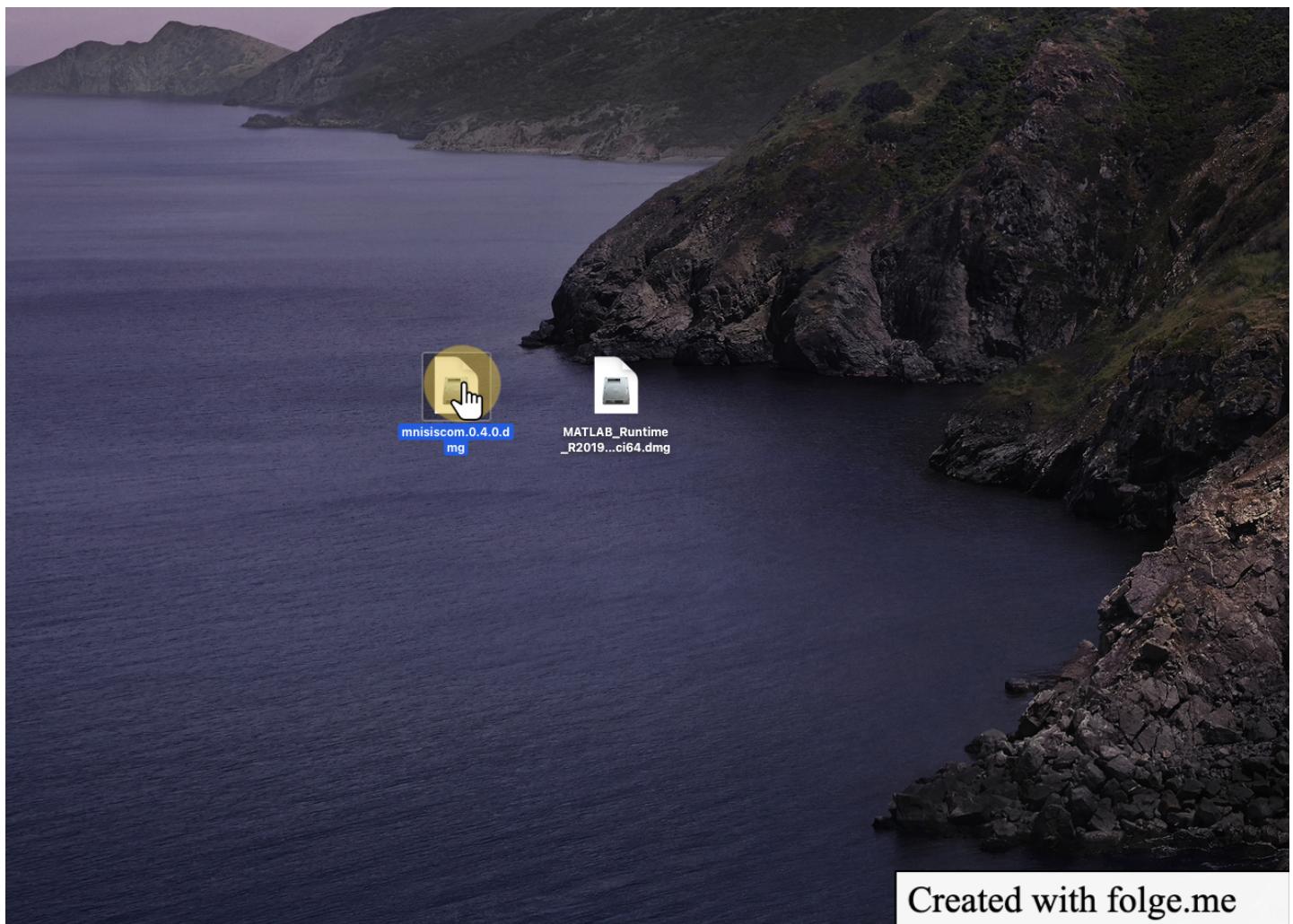


18. Quit SPM12



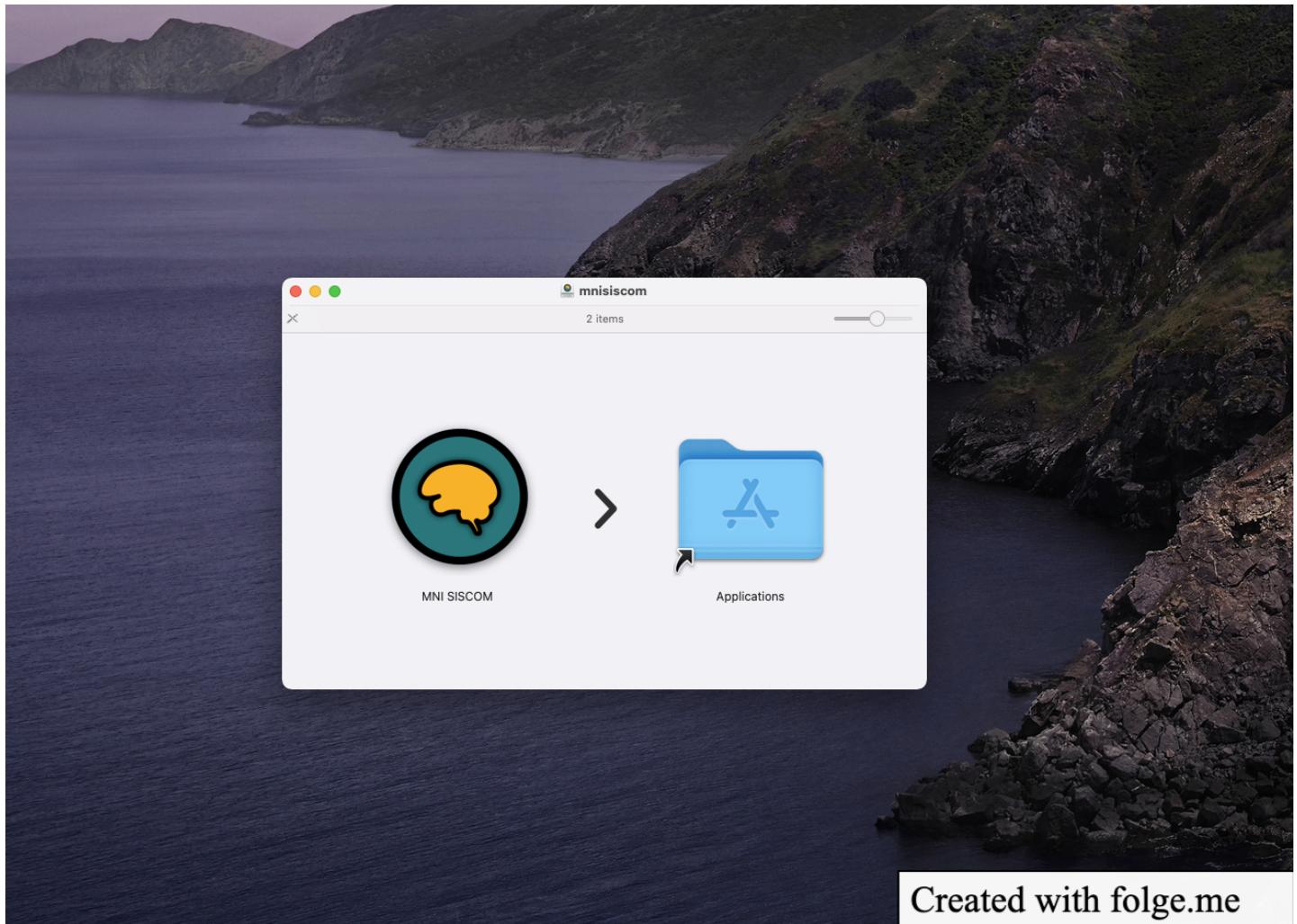
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19. Open the MNI SISCOM installer



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20. Drag and drop MNI SISCOM to your Applications folder



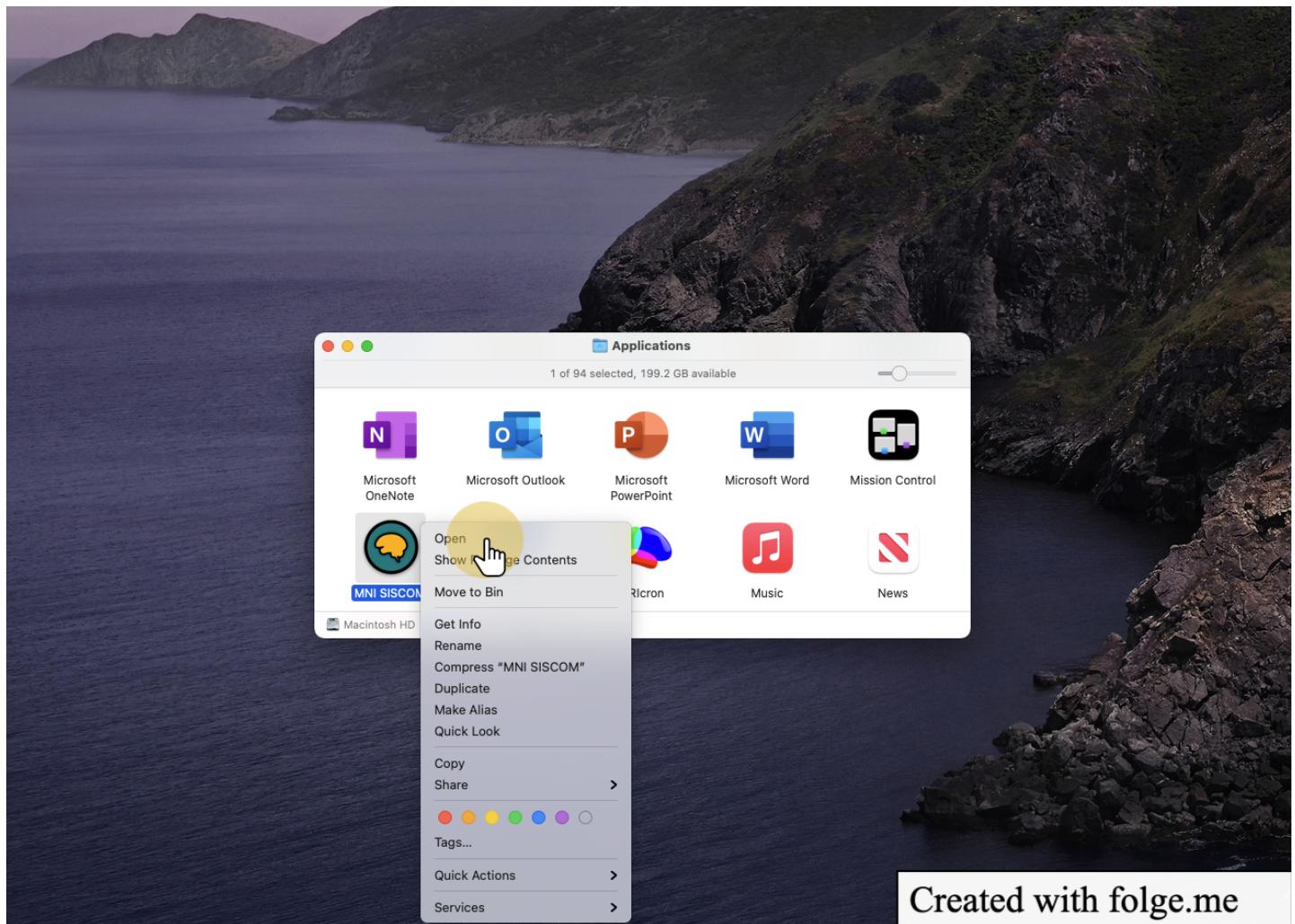
21. Right click on MNI SISCOM and select "Open"

You may get a warning that macOS cannot verify the developer, click open.

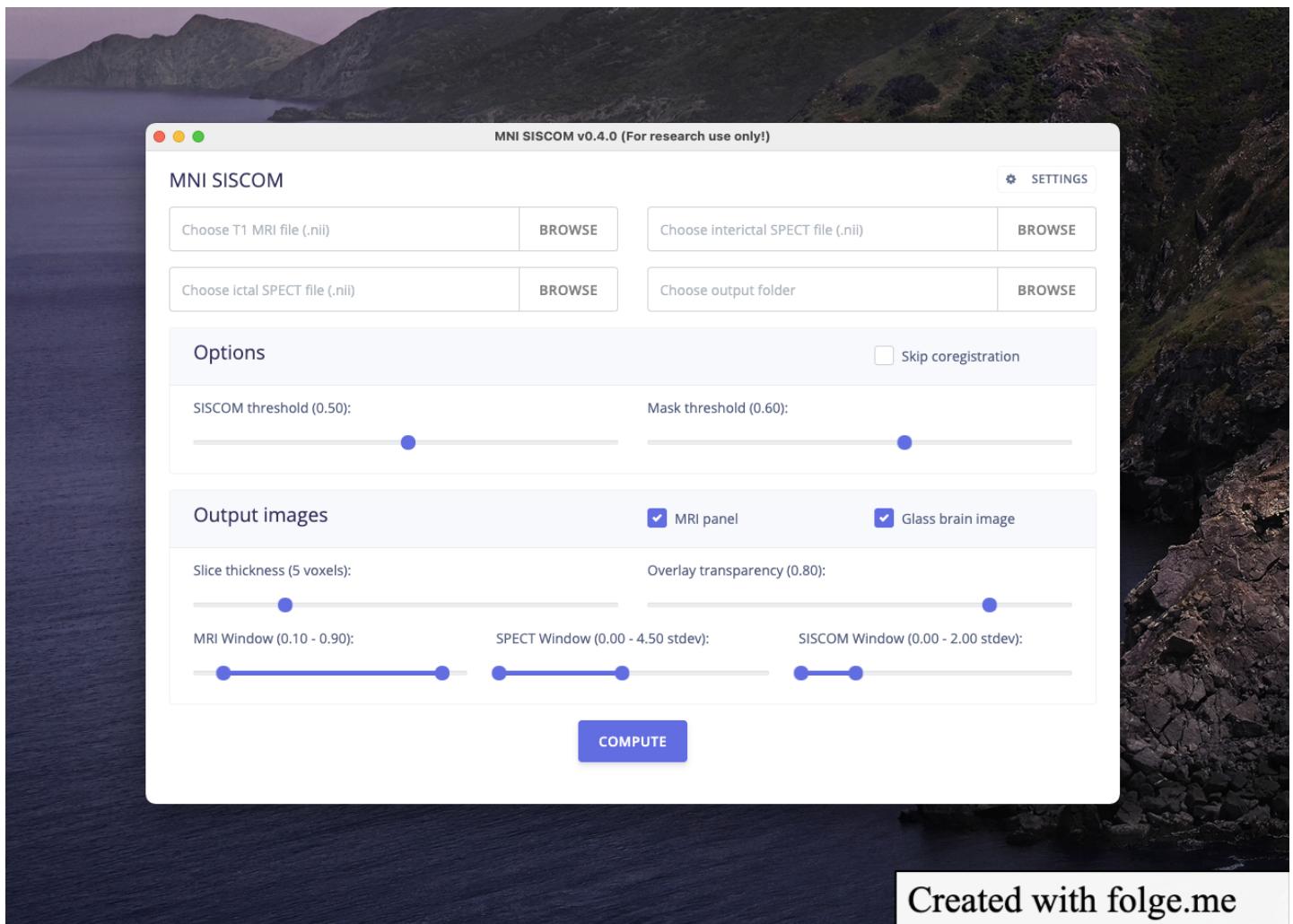
Note: You must have Google Chrome installed on your mac

https://www.google.com/intl/en_ca/chrome/

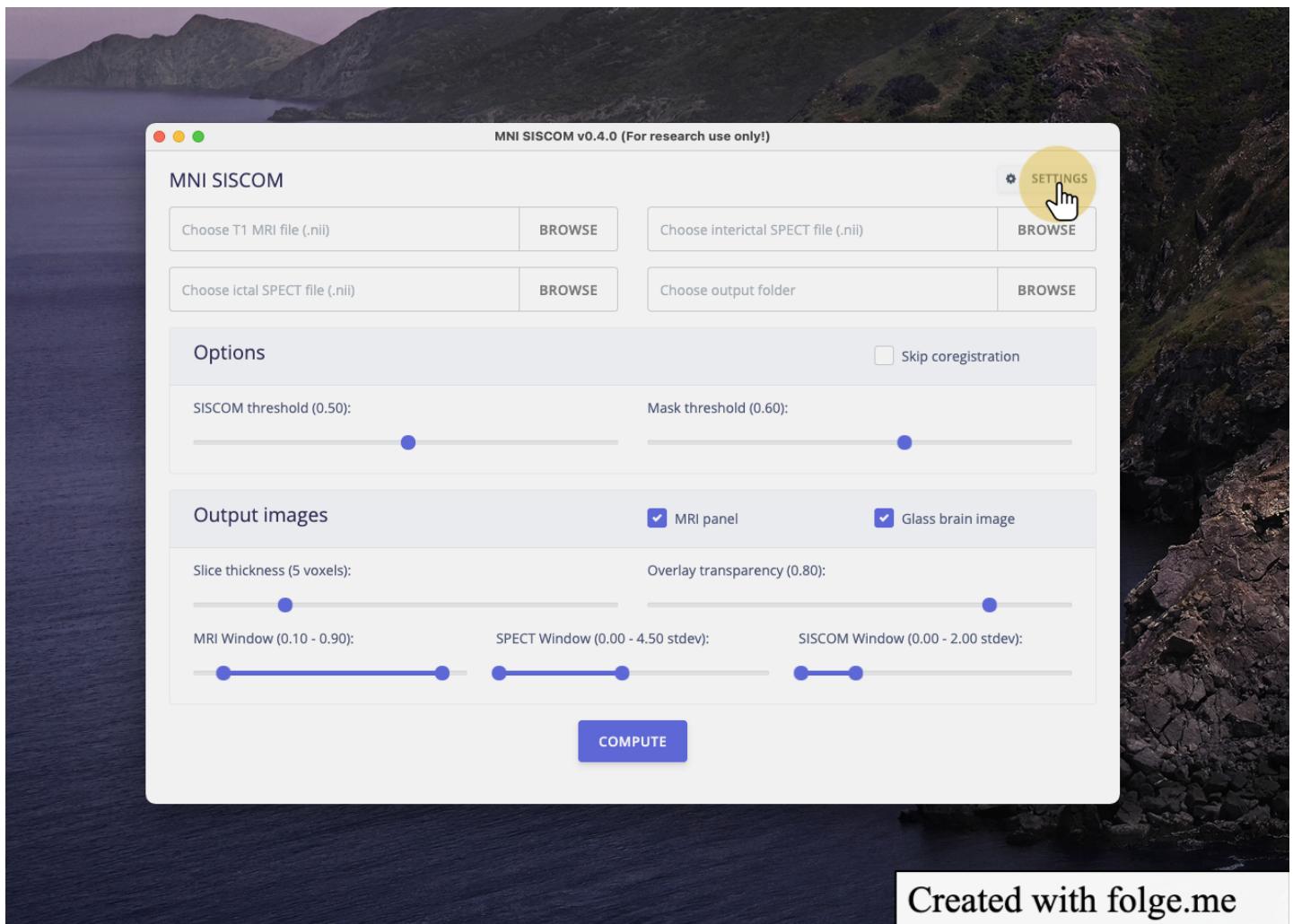
Note 2: It may take up to a minute for MNI SISCOM to start.



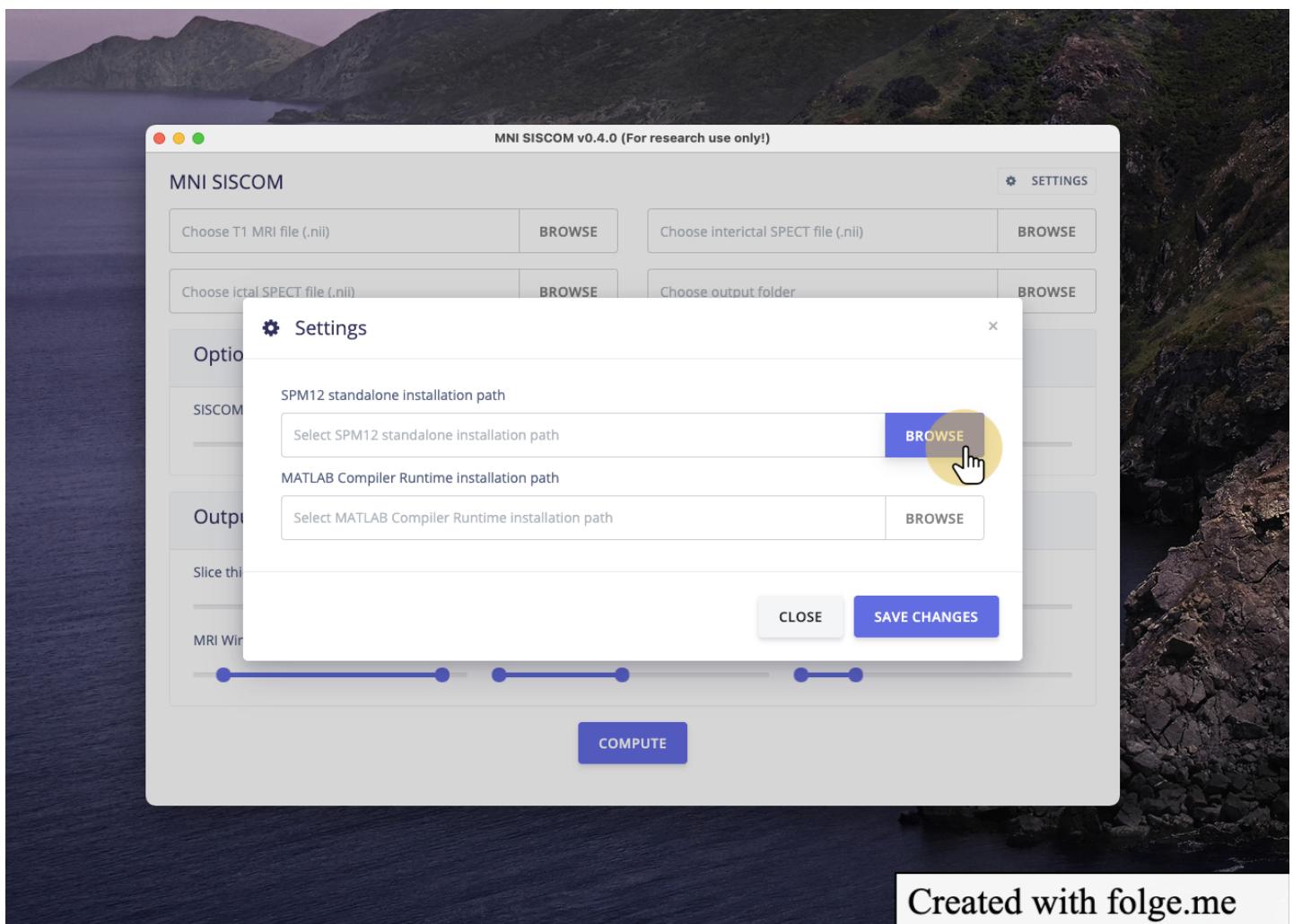
22. This is the main MNI SISCOM window



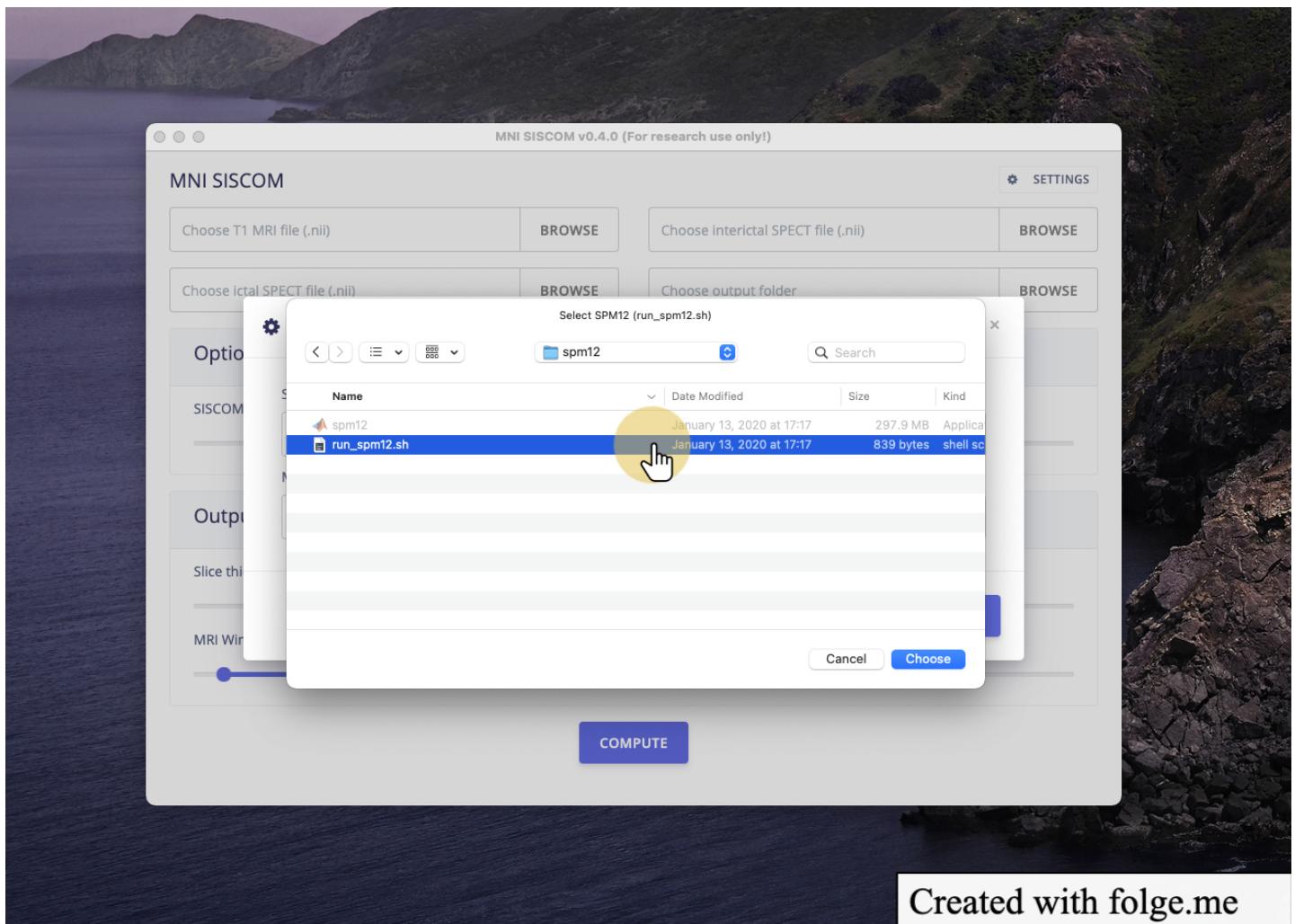
23. Click Settings



24. Set the SPM12 standalone installation path

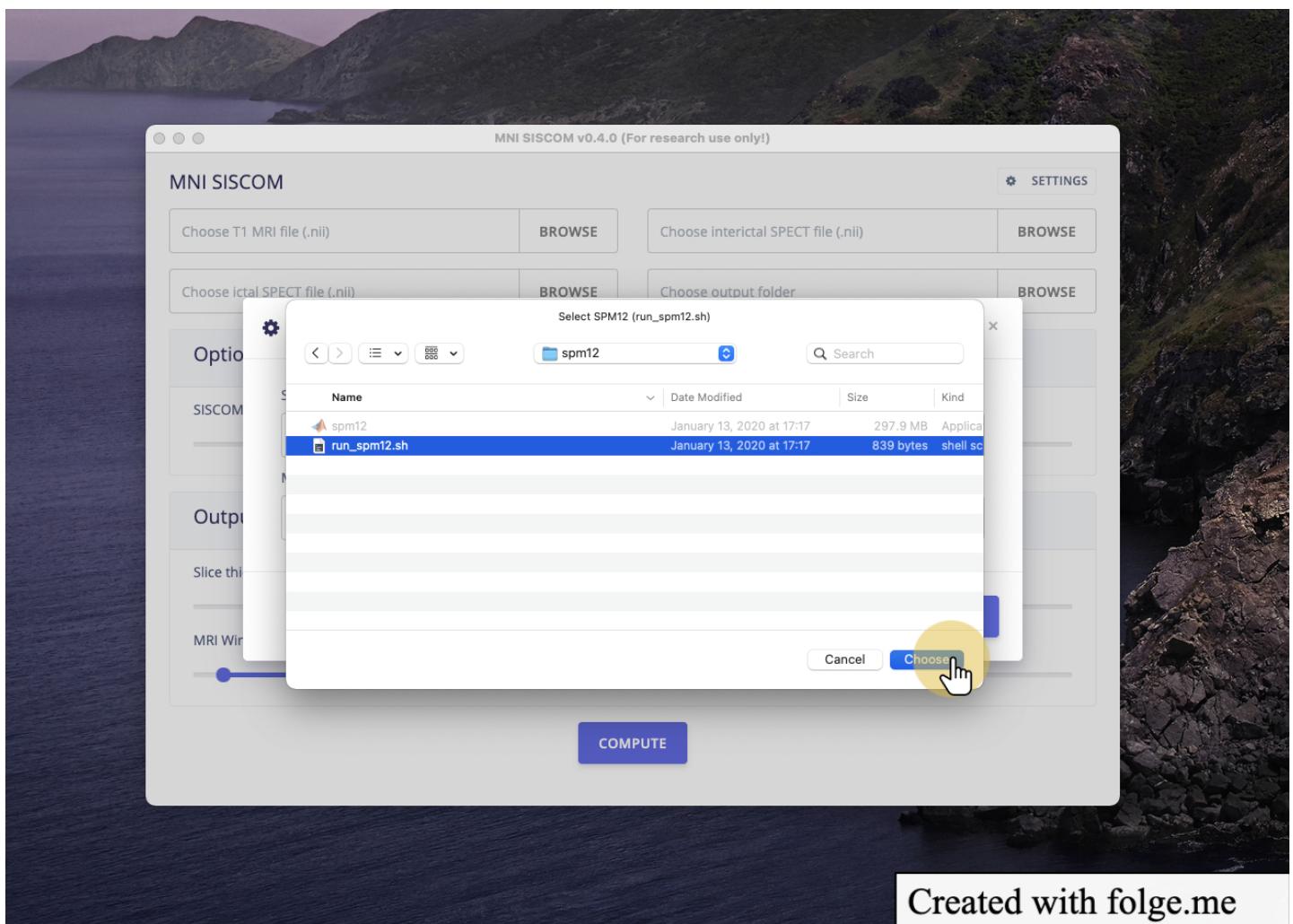


25. Select run_spm12.sh



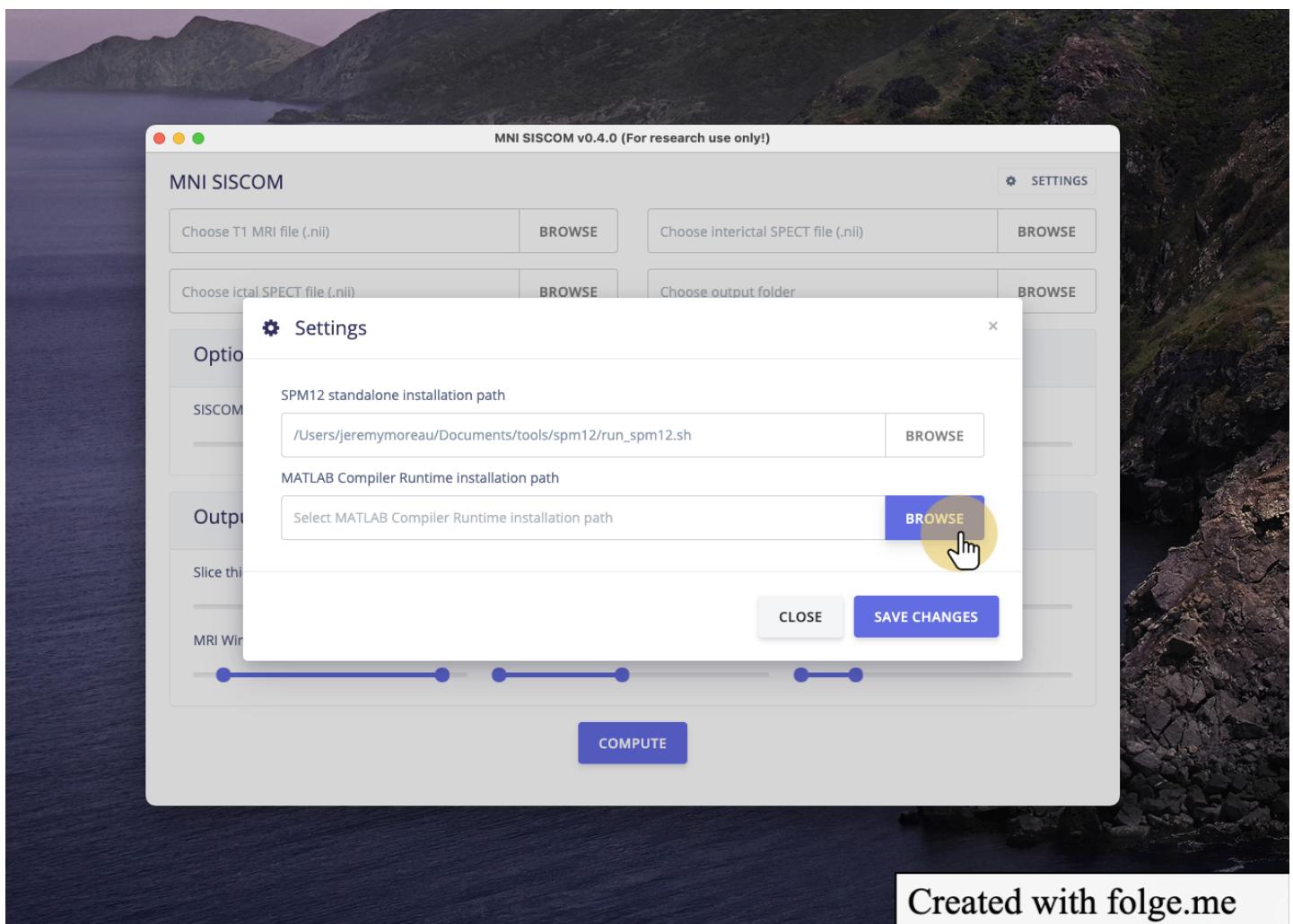
Created with folge.me

26. Select run_spm12.sh

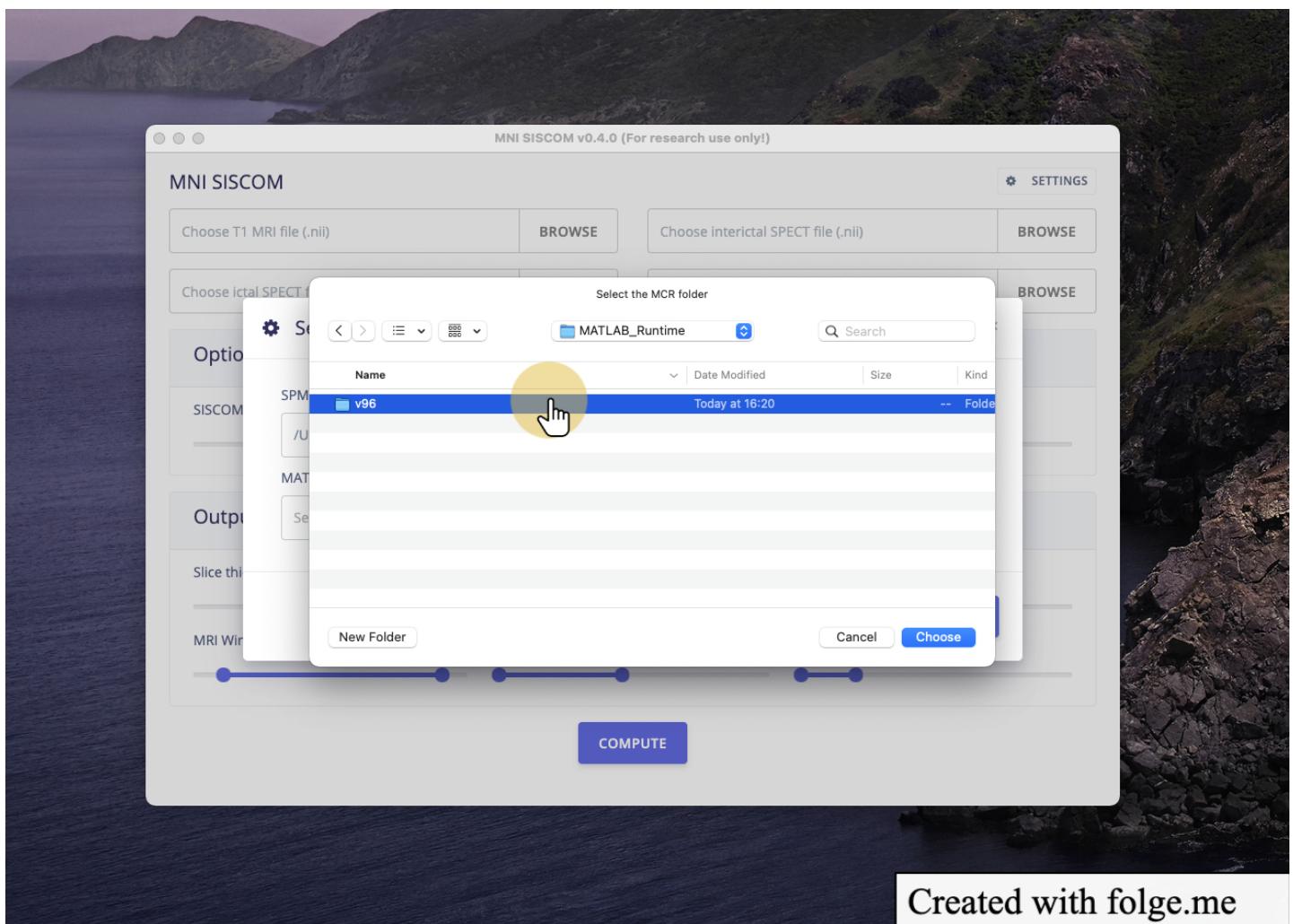


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27. Set the Matlab MCR installation path

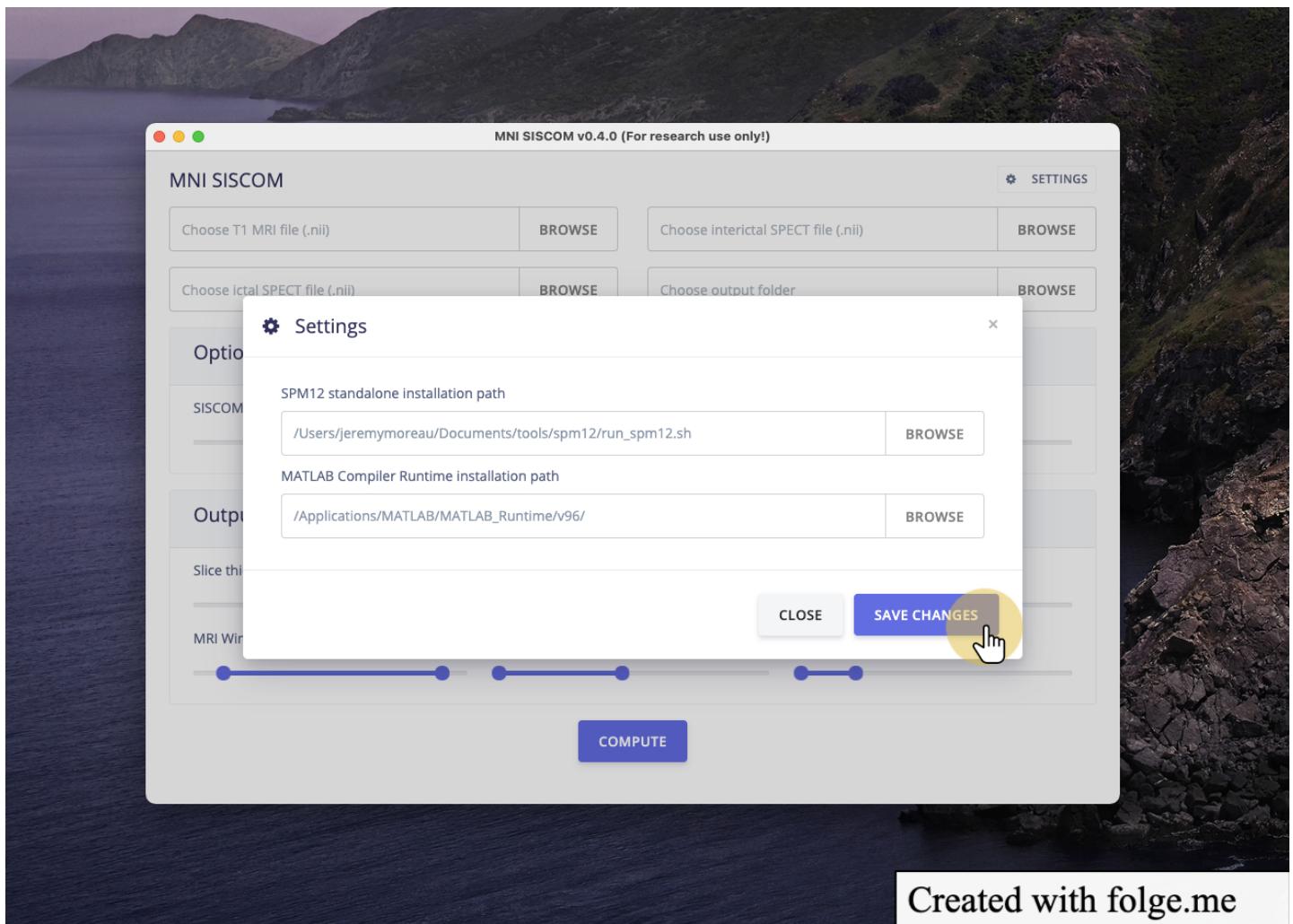


28. Select the "v96" folder



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29. Save changes



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30. Congratulations! MNI SISCOM is now ready to use!

