INSTRUCTIONS FOR SETTING UP YOUR LAPTOP

TROY BUTLER AND VARIS CAREY

STEP 1: OBTAINING A DISTRIBUTION OF PYTHON 3.6

Go to https://www.continuum.io/downloads and follow the instructions to download and install a Python 3.6 distribution for whichever operating system your laptop has. The Python package manager installed is called Anaconda.

STEP 2: TESTING THE JUPYTER NOTEBOOK

For Windows: There are two options for running a Jupyter Notebook for Windows users. The instructions below assume you are running a recently updated version of Windows 10. Some instructions may have to be altered slightly if running on earlier/outdated versions of Windows, and we are unable to provide technical support for users running such versions of Windows.

Option 1: Just click it! In the apps/start menu, you should see a folder labeled `Anaconda3 (64-bit)` (or `(32-bit)` if you are using an older laptop and installed the 32-bit version). Left click on that folder and left click on the `Jupyter Notebook` icon. A command terminal titled `Jupyter Notebook` should open up followed by your default web browser opening up (this may take a few seconds) a new tab displaying a URL starting with `http://localhost:8888/tree` and `jupyter` should be displayed at the top of the webpage shown in this tab. You should see many folder options for you to navigate through such as `Desktop` and `Documents` among others. For now, close this tab in the web browser and enter Ctrl+C twice in the command terminal to close everything down. Congratulations, everything is working properly.

Option 2: Run `cmd`: Right click on the apps/start menu icon and select `Run` and in the textbox type `cmd` and then left click on the `OK`. This should open up a command prompt where you should type `jupyter notebook` and press the Enter/Return key on your keyboard. Your default web browser opening up (this may take a few seconds) a new tab displaying a URL starting with `http://localhost:8888/tree` and `jupyter` should be displayed at the top of the webpage shown in this tab. You should see many folder options for you to navigate through such as `Desktop` and `Documents` among others. For now, close this tab in the web browser and enter Ctrl+C twice in the command terminal to close everything down. Congratulations, everything is working properly.

For Mac OS or Linux: Open up a terminal and type `jupyter notebook`. Your default web browser should open up a new tab showing a URL starting with `http://localhost:8888/tree` and `jupyter` should

be displayed at the top of the webpage. Whatever directory the terminal was set to when you typed `jupyter notebook` will have all of its contents displayed on the webpage. For now, close the tab in the web browser associated with the notebook and enter Ctrl+C twice in the terminal to close everything down.

Congratulations, everything is working properly.

STEP 3: OBTAIN A COPY OF THE LECTURES

Go to https://github.com/variscarey/CCM-Intro-to-SC and either clone or download the repository in the main branch. If you are unfamiliar with using `git`, then just download the repository and unzip it to wherever you want the repository to reside on your hard drive. We recommend putting the directory on your desktop for ease of access.