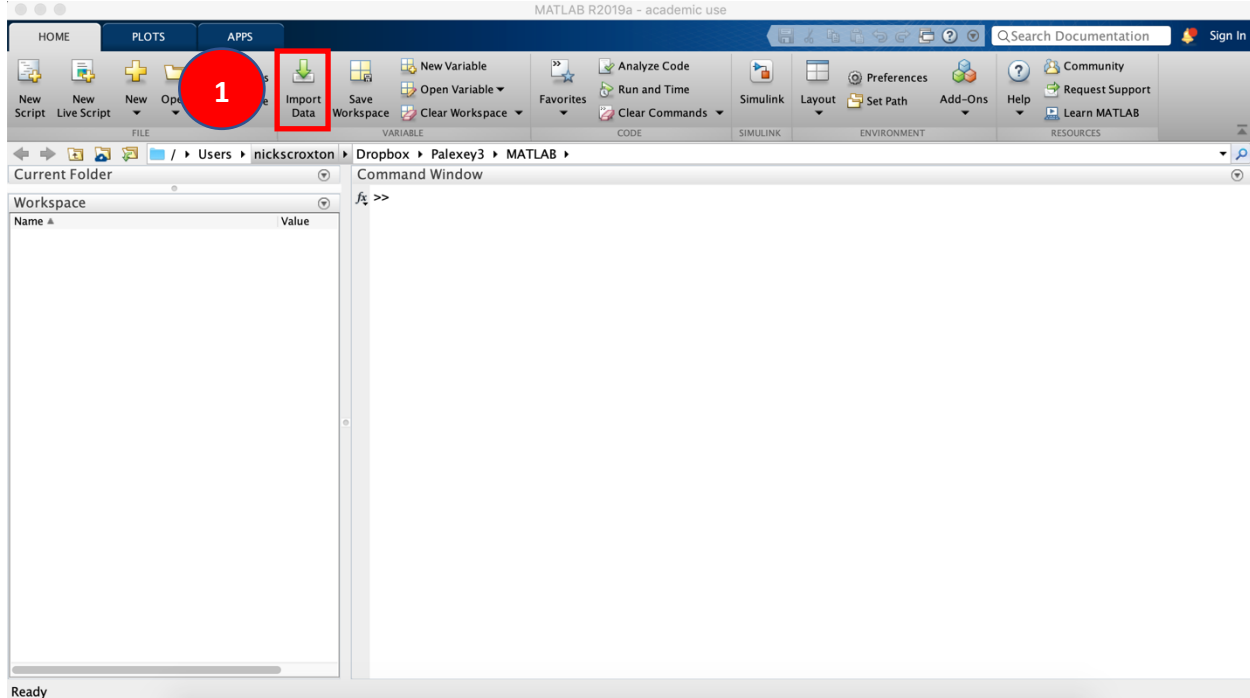


Accessing the SISAL Database in csv format using Matlab

Written by N. Scroton, UCD, Feb 2020

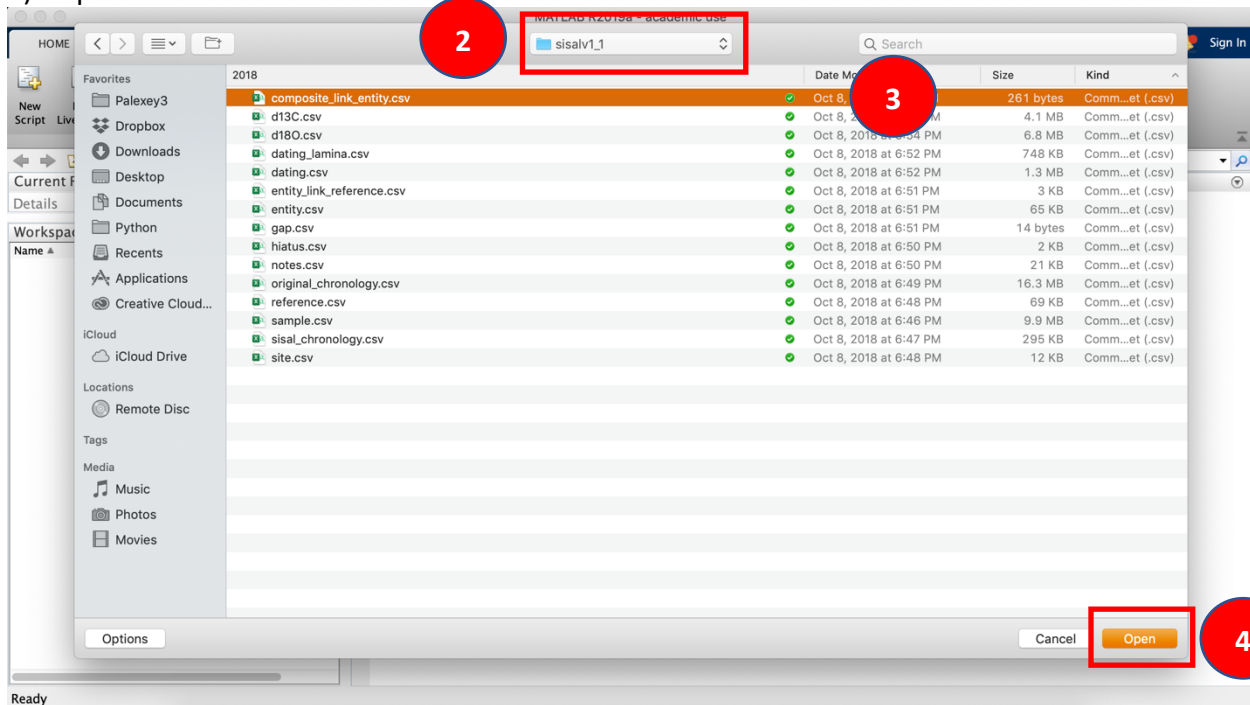
1) click on Import Data:



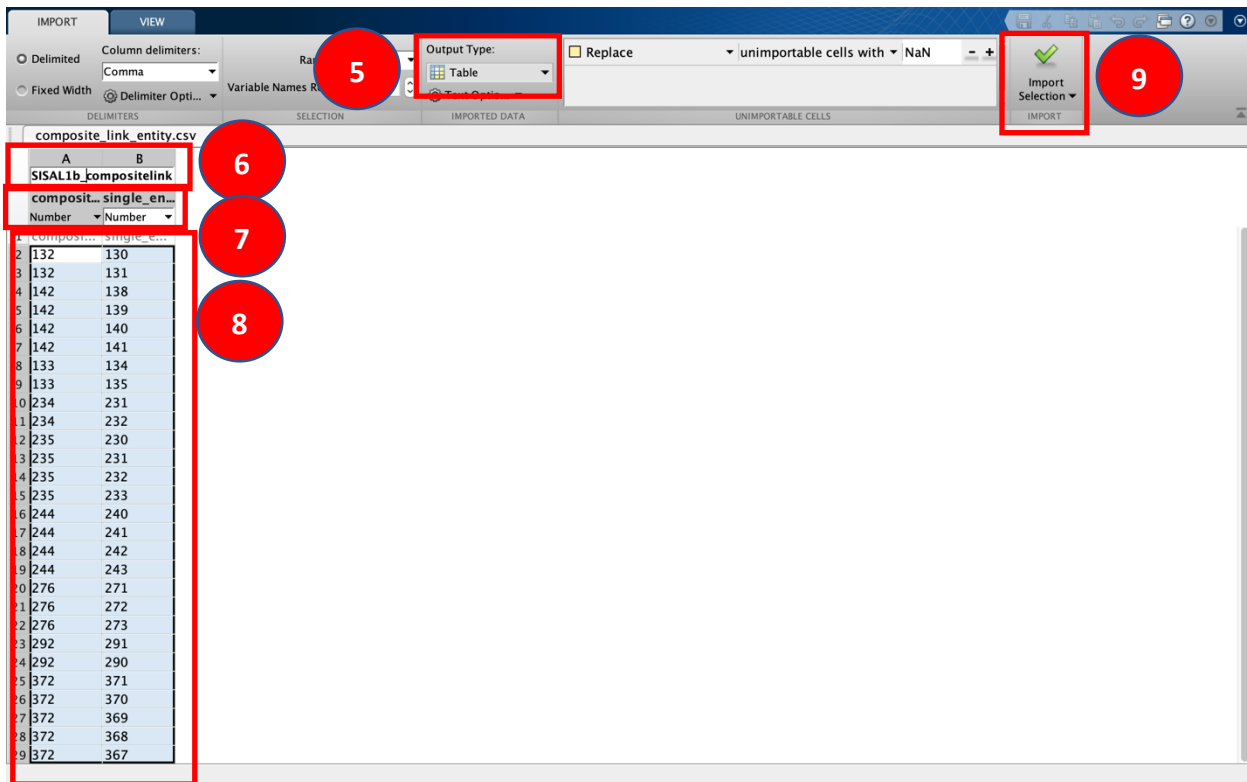
2) Navigate to where you downloaded the csv files to

3) Select the first data table

4) Open



- 5) We recommend you import as a table
- 6) Rename the table: preface each table with a common name such as “SISAL1b_”
- 7) Keep the column headers as they are automatically
- 8) Make sure the entire table is highlighted, not just the cells you can see
- 9) Import Selection



10) Repeat for the other csv files in the database

11) Save your data so that you don't have to import it every time!

```
save('SISALData', 'SISAL1b*')
```

Where 'SISALData' is any filename you want, and 'SISAL1b' is the prefix you used in 6.

12) Analyse Data!

Example code for searching the database, selecting records and filtering by longitude, latitude, timespan, resolution, etc. can be found at: <http://doi.org/10.5281/zenodo.3666835>

13) For all subsequent uses, load data using the following command:

```
load('SISALData')
```

Where 'SISALData' is whichever filename you used in 11.