

# Instructions for testing

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April 30, 2018

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## An Example Usage

Here a short walk through is provided for how one could use this application

### Step 1

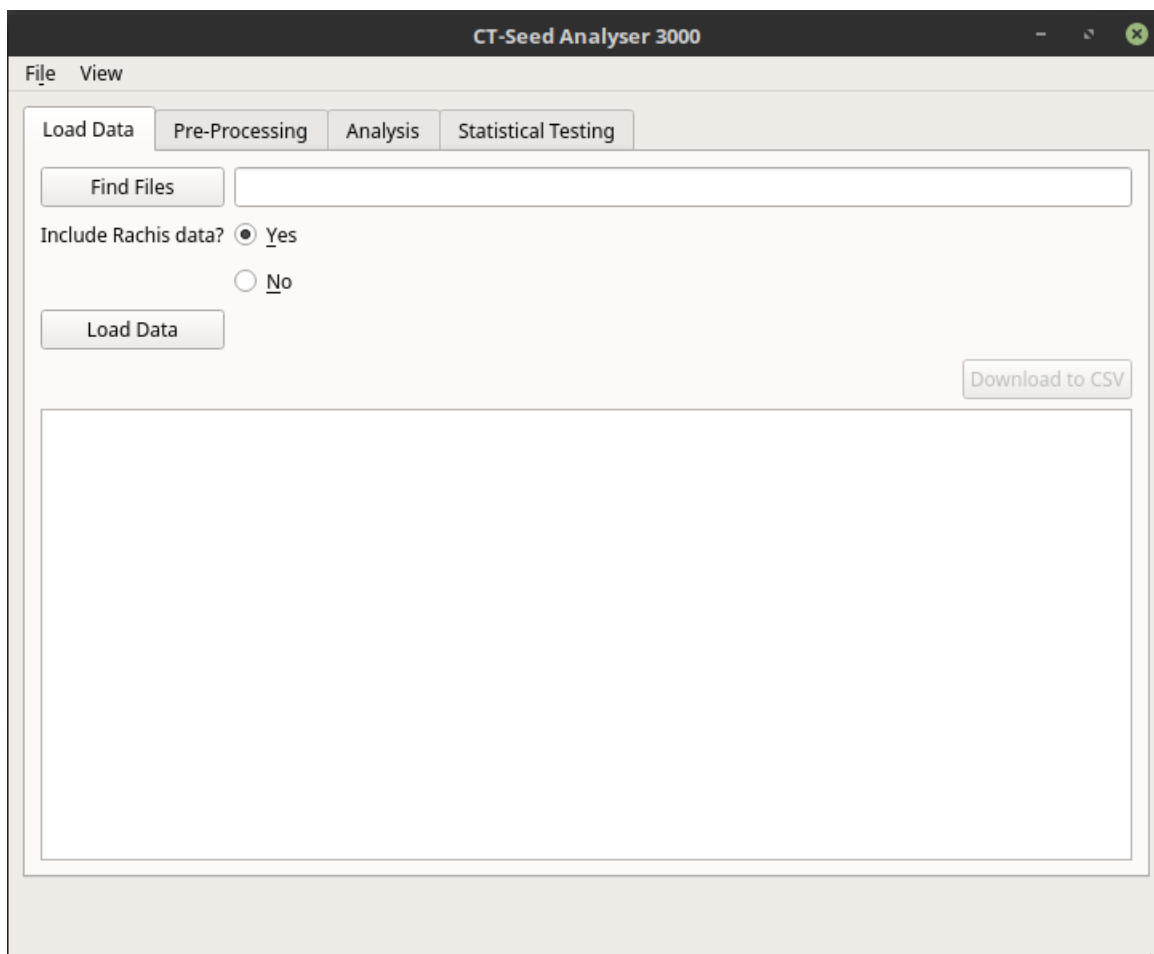
Open up a terminal and type:

```
1 ./main.py
```

```
nathan@pingu ~  
$ cd Dissertation/Grain_Analyser_GUI  
nathan@pingu ~/Dissertation/Grain_Analyser_GUI <master*>  
$ ls  
assets controller images main.py model readme.org report.html run_tests.sh Templates Testing view  
nathan@pingu ~/Dissertation/Grain_Analyser_GUI <master*>  
$ ./main.py
```

### Step 2

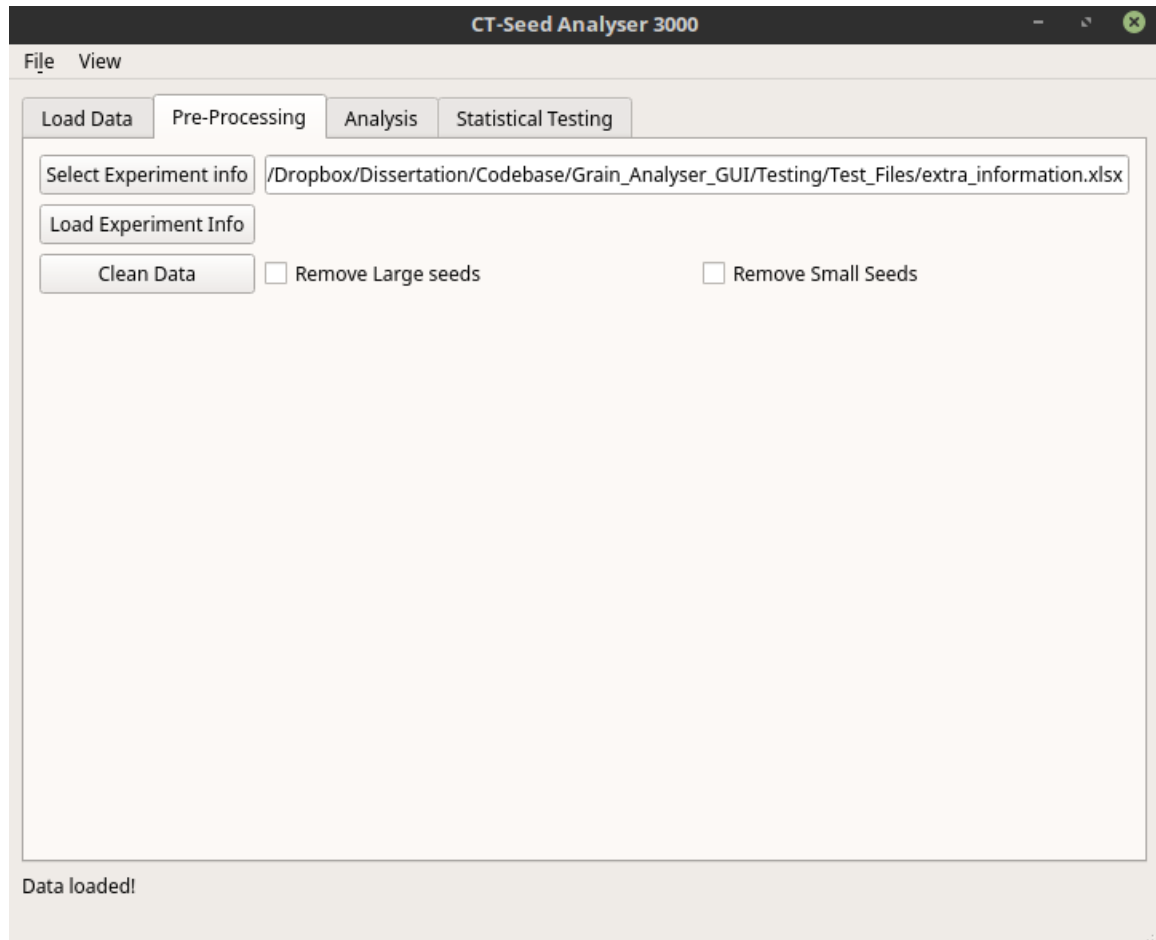
1. Now click "Find Files" and select **Testing/Test\_Data**
2. Then click "Load Data"



### Step 3

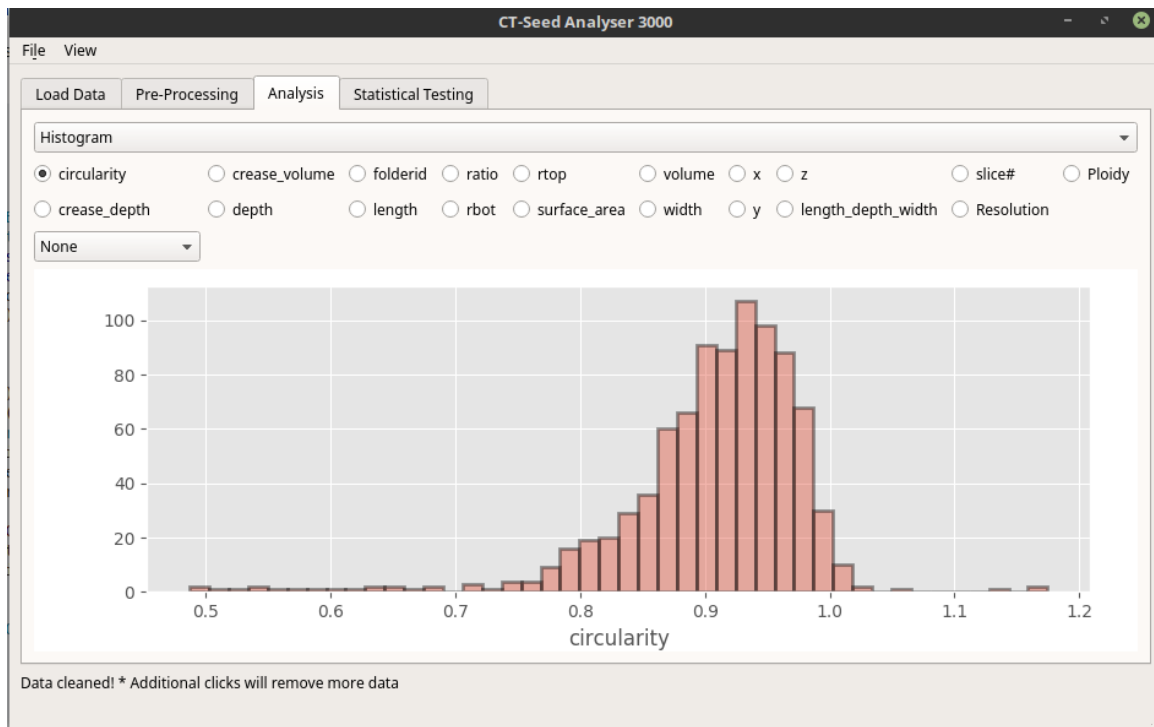
1. Move to tab "Pre-Processing"

2. Click "Select Experiment info"
3. Select `Test_Files/extra_information.xlsx`
4. Click "Load Experiment Info"
5. Click "Clean Data"
  - Optionally before cleaning select to "Remove Large Seeds" and/or "Remove Small Seeds"



## Step 4

1. Click on "Analysis"
2. Play around with changing options



## Step 5

1. Click on "Statistical Testing"
2. Play around with changing options and running tests

