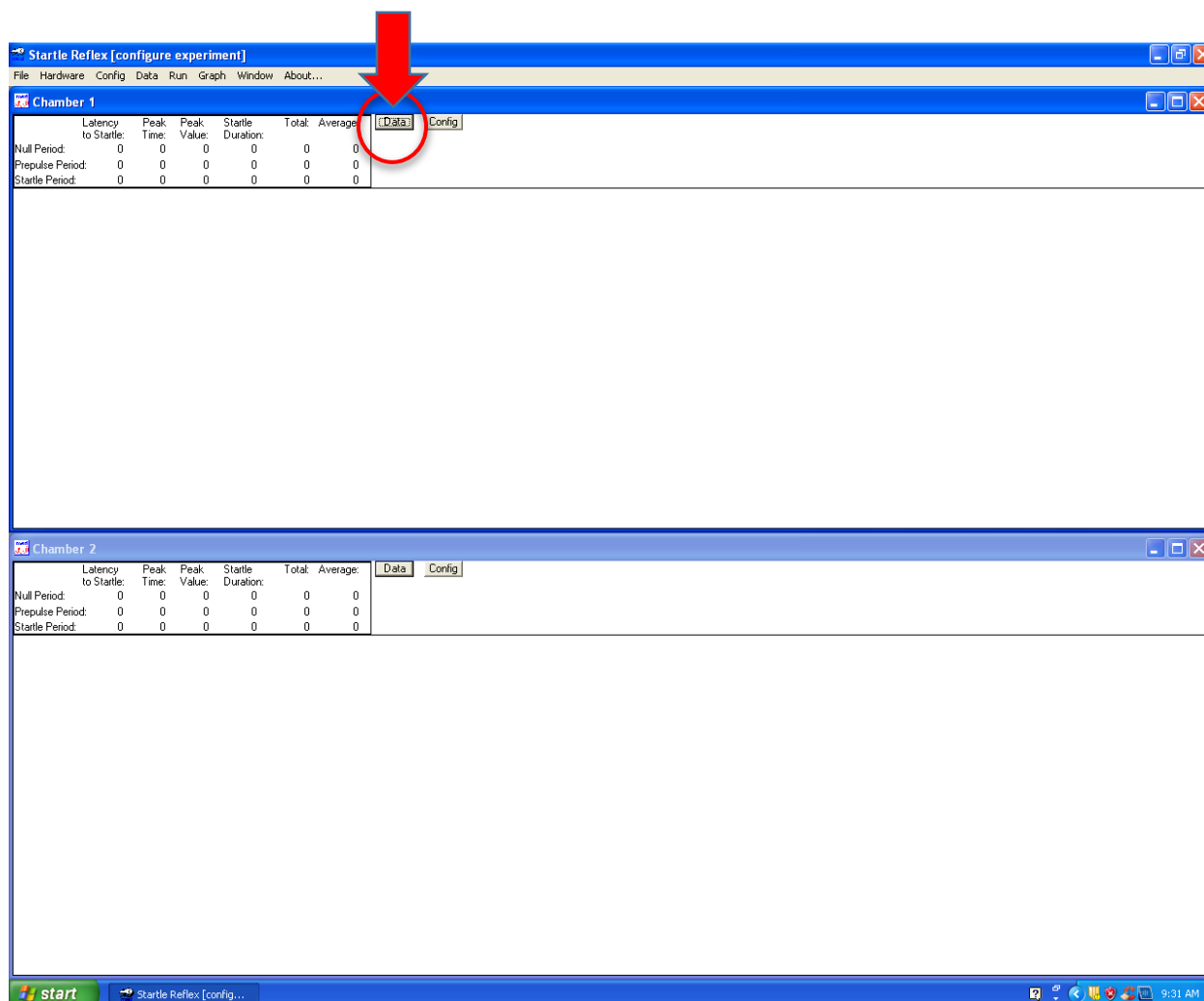




Startle Reflex/PPI Protocol

- Allow 15-60 minutes for animal room acclimation
- Black box on 1st on the bottom of the cart
- Blue box on
- Log into the computer
- Weigh mice prior to loading in boxes
- Startle -> File -> Load config C Drive: Startle (Willot) -> Click on Data button -> Enter Animal ID, Study ID or any other information you need.



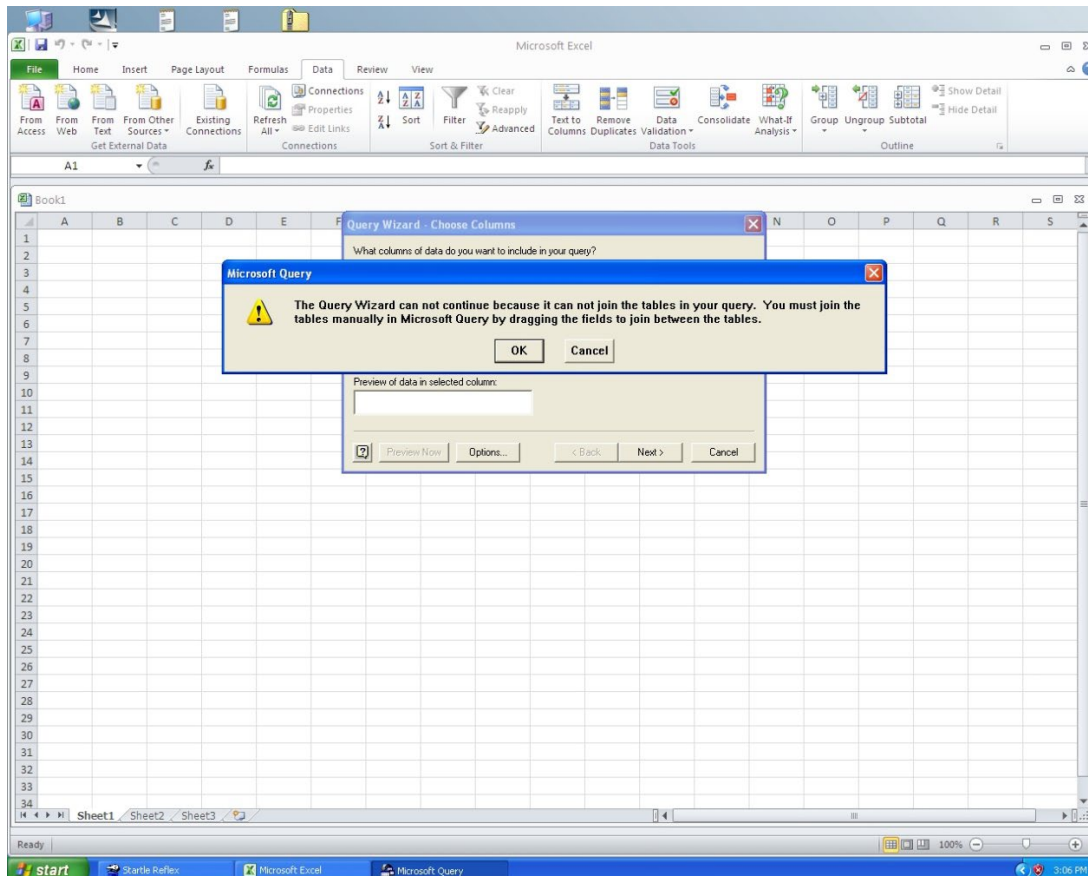


- Config -> Experiment table
 - Make sure the correct table is uploaded
- Run -> Begin Experiment
- Run -> Post analysis
 - Data options:
 - Minimum latency (ms):20
 - Minimum Peak value: 50
 - Minimum peak time (ms): 30
 - Load data window
 - Values at a particular time point
 - 1st column is time
 - 2nd column is value
- File -> Save data as
 - Computed values
 - Database file
 - Save as new database (.mdb)
 - Raw and Statistical text files



Creating query with specified columns in Excel (Animal ID, weight, etc)

- Excel -> Data tab -> From other sources -> Microsoft query -> MS Access database -> OK -> click on File in the C drive.
 - Query Wizard -> Choose columns
 - Chamber info
 - Animal ID
 - Study #, etc
 - Trial data
 - Click OK





- Create connection with chamber number so click on chamber number on one side and bring it over to the next to create a 'link'

The screenshot shows the Microsoft Query interface. The 'Chamber Info' dropdown menu is open, showing 'Animal Number', 'Chamber Comment', 'Chamber No.', 'Data Comment', and 'Drug 1'. The 'Trial Data' dropdown menu is also open, showing 'Background Level', 'Block No.', 'Chamber No.', 'ID', and 'Null Average'. The main data table has the following columns: **Stimulus Number**, **Animal Number**, **ID**, **Chamber No**, **Block No**, **Trial No**, **Trial Type**, **Null Period**, **S1 Stim Type**, **S1 Stim Duration**, **S1 Level**, **S1 Rise/Fall**, **S1 Frequency**, and **S1 Au**. The table contains numerous rows of data for various trials.

- File -> return data to excel -> import data -> OK