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Preface

This document explains how to use the two python plotting scripts that create the graphs for Consolini et al. 2023.

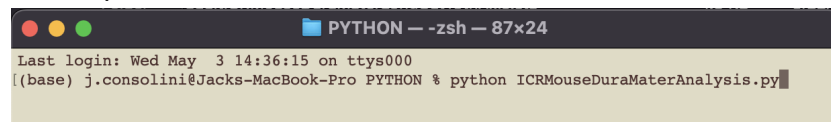
How to run python results scripts:

Script name: *ICRMouseDuraMaterAnalysis.py*

- This script creates the graphs that display the information relating experimental incision opening ratios to estimated stretches for the neonatal and adult models.
- To run the script:

Make sure the .csv files for the .odb files are in the same folder as the plotting script

1. Go to the folder where the .csv files are located and the plotting script and run the script:



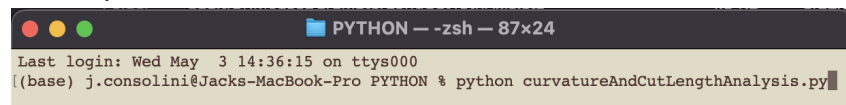
```
PYTHON — -zsh — 87x24
Last login: Wed May 3 14:36:15 on ttys000
(base) j.consolini@Jacks-MacBook-Pro PYTHON % python ICRMouseDuraMaterAnalysis.py
```

Script name: *curvatureAndCutLengthAnalysis.py*

- This script creates the graphs that display the information relating experimental incision opening ratios to the effects of curvature and the effects of cut length.
- To run the script:

Make sure the .csv files for the .odb files are in the same folder as the plotting script

2. Go to the folder where the .csv files are located and the plotting script and run the script:



```
PYTHON — -zsh — 87x24
Last login: Wed May 3 14:36:15 on ttys000
(base) j.consolini@Jacks-MacBook-Pro PYTHON % python curvatureAndCutLengthAnalysis.py
```

Additional notes:

For any additional questions please contact Jack Consolini at personal email:
jconsolini2@gmail.com

Investigation of direction- and age-dependent prestretch in murine cranial dura mater

Jack Consolini

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