

Issue #15225:

Show offset text on subplots after sharing axis

Description:

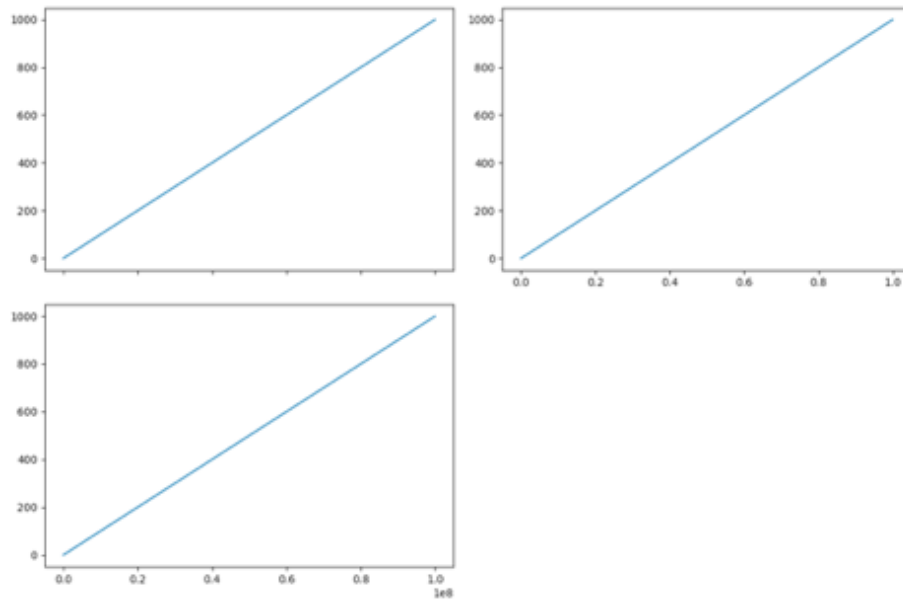
There is a bug in which the x-axis is not being labelled properly whenever you are sharing the x-axis. This bug happens when you try to have the x-axis labelled on a graph in which it doesn't have a graph directly under it on the last row. The graph will have the xticks shown but will not be labelled correctly. This only happens when the x-axis is big enough in which it shows the 1e#.

Reproduction Steps:

1. If you haven't already, follow the instructions in the Deliverable 2 README
2. `cd` to directory `dir`
3. Checkout and build branch master by running
 - a. `cd matplotlib`
 - b. `git checkout master`
 - c. `python setup.py build`
 - d. `cd ..`
4. Download file 'Issue_15225.py' to 'dir'
5. Run file 'Issue_15225.py'
 - a. `python Issue_15225.py`

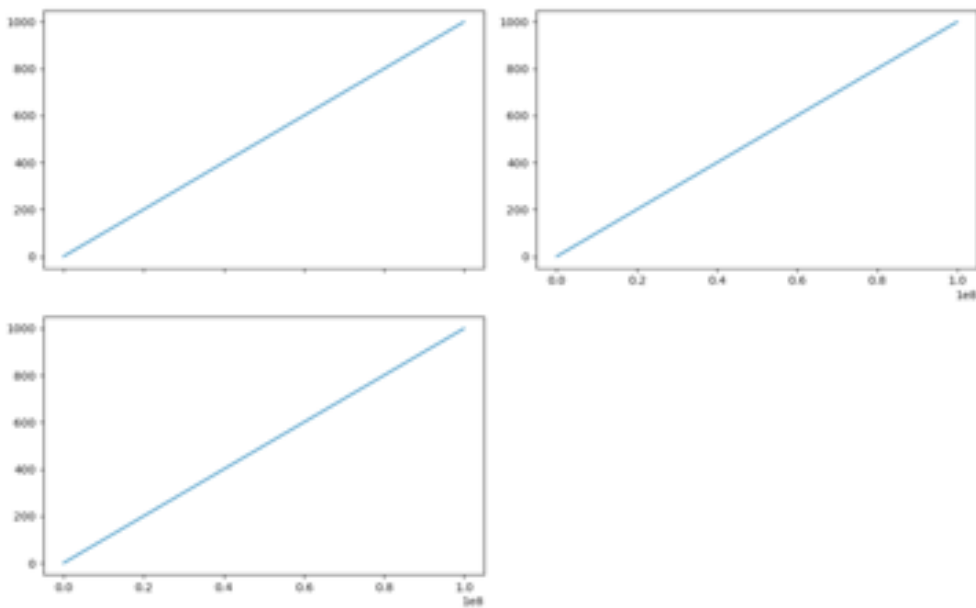
Results:

Buggy:

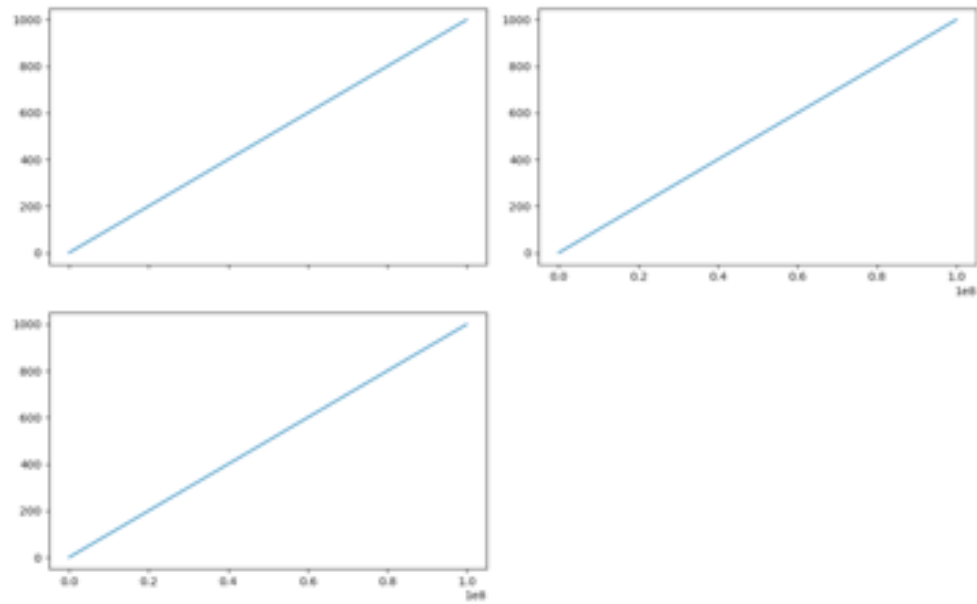


The x-axis for the top right graph is not labelled properly (missing $1e8$).

Expected:



The top right graph x-axis is labeled properly (showing the $1e8$).



If the x-axis is small the xticks are labelled properly because there is no need to put $1e\#$ as shown above.