

Issue #15225:

Show offset text on subplots after sharing axis

Description:

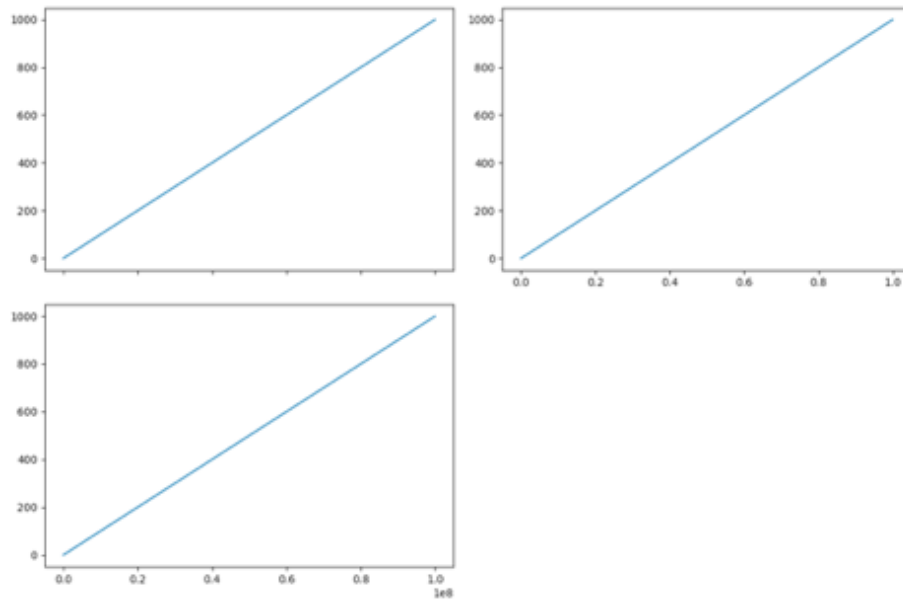
There is a bug in which the x-axis is not being labelled properly whenever you are sharing the x-axis. This bug happens when you try to have the x-axis labelled on a graph in which it doesn't have a graph directly under it on the last row. The graph will have the xticks shown but will not be labelled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

Reproduction Steps:

1. Install required packages
 - a. `python -m pip install -U pip`
 - b. `python -m pip install -U numpy`
 - c. `pip install -e`
`git+git://github.com/RiazCharania/matplotlib.git@master#egg=riaz-`
`matplotlib`
2. Download file 'Issue_15225.py' and run it using `python Issue_15225.py`

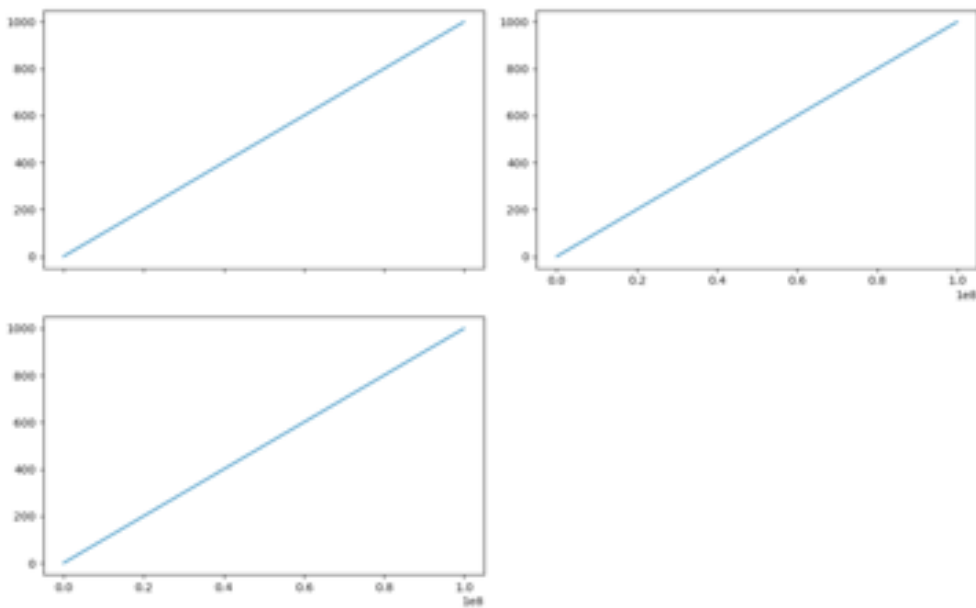
Results:

Buggy:

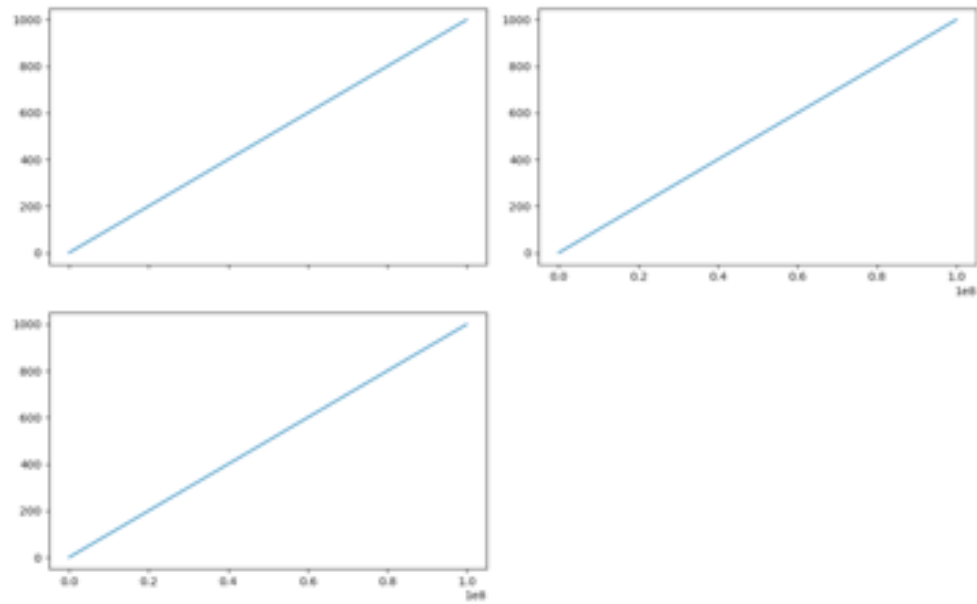


The x-axis for the top right graph is not labelled properly (missing $1e8$).

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.