

# Issue #16389:

## **“Size” ignored if placed before fontproperties**

### Description:

When using functions that add text annotation to a plot, the “size” property of the text gets ignored if placed sequentially before a “fontproperties” property. Additionally, the “fontsize” property displays similar inconsistencies, where it gets ignored if placed before “fontproperties”. This bug is present in even the most basic annotation methods, such as `pyplot.title`, `pyplot.xlabel`, and `pyplot.ylabel`.

### 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\_16389.py’ and run it using `python Issue_16389.py`
  - a. It is intended that the x and y labels (“xLabel” and “yLabel” respectively) both render with font size 18, as written in code (Fig. 2)
  - b. However, in the output, the font size of the two labels remain unchanged (Fig. 1)

Results:

Buggy:

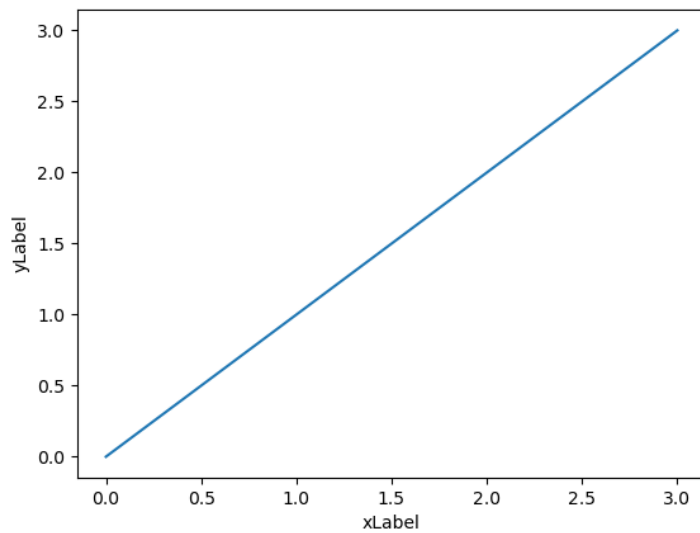


Fig. 1: Buggy x & y label sizes.

Expected:

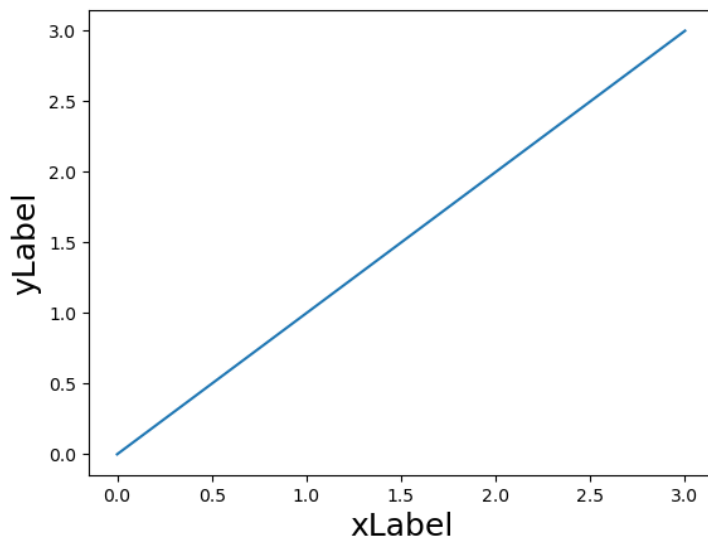


Fig. 2: The labels are correctly sized.