

PHY 375

Writing Assignment 2

(Due in D2L Dropbox by 5 PM, Thursday, 4/19)

Measurements of H_0 have been carried since the early days after Hubble announced his discovery of the expanding Universe. The effort has driven innovations in instrumentation and methodology, advances in cosmological understanding, and even led to disagreements and bickering among prominent astronomers.

The following file contains a listing of every value of H_0 ever measured:

<https://www.cfa.harvard.edu/~dfabricant/huchra/hubble.plot.dat>

(**Note:** On Macs (Safari), simply clicking on this link may bring up a display without any line break. I found that the solution was to cut and paste the address into the web browser.)

In a (minimum) 2-page paper, do the following:

- Find an appropriate way of displaying the measurements listed in the file at the link given above in order to bring out the major trends in the measurements over time.
- Comment on your display(s), especially the trends you found. You can count your display(s), e.g., graph(s), toward the minimum 2-page limit; however, they *should not* be the only things appearing in your paper. A reasonable commentary on these displays must be included.

The paper should be a minimum of 2 pages (double spaced, in 12 pt Times New Roman font, or equivalent, and 1 in margins on all sides).

Any sources you use should be cited in a bibliography at the end of your paper (this *should not* be part of the minimum 2-page count).

It is important to remember that you should not cut and paste material from the Internet; everything should be in your own words.

This assignment is due in the D2L Dropbox by 5 PM on Thursday (4/19). Late assignments will not be accepted under any circumstances. Emailed papers will not be accepted, they must be submitted to the D2L Dropbox.