

Web pages with Jupyter, A5

Learning goals:

- **Use GitHub and Jupyter notebooks to make personal web pages.**
- **Make progress on A5**

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Discussion 7

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OH: Fri 11a-12p in SSRB 100

How to turn a notebook into a webpage using GitHub

- **File -> Download As -> HTML**
- **Upload HTML file to GitHub Repo**
- **Turn on GitHub Pages for repo (Settings -> GitHub Pages -> master branch)**
- **View your webpage at
`{username}.github.io/{repo_name}/{notebook_name}.html`**
- **Sam will demo**

A5 quick tips

- 1h, 1j, 1l: Apply works like this: `df['col'].apply(some_function)`
- 3c: To get first value of series, use `some_series[0]`. To get first value of index, use `some_series.index[0]`
- 4b: A p-value < 0.01 means NOT normal.
- 5h: Check patsy documentation for model expression syntax.
The `P>|t|` column tells you the p-value for the association between a variable and the height. A p-value < 0.01 means there IS an association.
Also useful: The `[0.025 and 0.975]` columns tell you the 95% confidence interval.
- Why do we use OLS to check difference in means?
<https://lindeloev.github.io/tests-as-linear/>