**Principles of Biostats - PreWork**

Select one recent PubMed Central (<https://www.ncbi.nlm.nih.gov/pmc/>) or Zenodo (<https://zenodo.org/>) original research article of interest to you that includes each of the following: at least one figure displaying data (5 points), at least one tabular summary of data (5 points), and at least one narrative statement regarding statistical significance or parenthetical reference to a p-value (like p = 0.05, p < 0.05, p < 0.001, p > 0.05 and/or a confidence interval (something like 95% CI = 0.1-0.3; 5 points). **Hint**: Zenodo will have data sets, which can be useful for getting the bonus points.

1. Provide the bibliographic reference and URL of your chosen article below (10 points).
2. Why is this article of interest to you (15 points; 6 or fewer sentences)?
3. Which figure in this article is of greatest interest to you (5 points)? Why is this figure of greatest interest to you (10 points; 3 or fewer sentences)?
4. Which table in this article is of greatest interest to you (5 points)? Why is that table of greatest interest to you (10 points; 3 or fewer sentences)?
5. Which statement regarding statistical significance is of greatest interest to you (5 points)? Why is it interesting to you (10 points; 3 or fewer sentences)?
6. What statistical aspects of the article would you like to better understand and why are those aspects important to you (15 points; 6 or fewer sentences)?

**Bonus (up to 15 points)**: Students often request that we include example data sets that come from research in their fields.  Help us find example data sets from your field to include as examples in future classes.  If your article includes a table in the primary text or with individual human or animal data, earn up to 15 bonus points.  Indicate which table has this information.  The more information provided per patient, the more bonus points you will receive.

Bonus Rubric: 1 variable = 1 point, 2 variables = 3 points, 3 variables = 6 points, 4 variables = 10 points, and >=5 variables: 15 points, but note that an "omic" data matrix will count as 1 variable for purposes of evaluating this rubric.