**Presenters:** Bill Liu

**Project title:** Basically Bill’s Various errors and how to deal with them

*Breast Cancer Survival based on diagnosis reporting types,*

*a survival analysis*

Evaluator combined scores on evaluated areas (scores within categories are based on substantive assessment of the degree to which instructions were followed or not followed: unmet/partially met (<90) , met (90-94), and exceeds (95+)):

|  |  |
| --- | --- |
| 1. Importance of problem clearly articulated | 94 |
| 1. Objective(s)/research questions of the project is clearly defined | 100 |
| 1. Methods: Study population clearly defined. Includes information about inclusion/exclusion criteria | 80 |
| 1. Methods: Variables used in the analyses described | 85 |
| 1. Methods: Statistical methods used to accomplish objectives/answer research questions clearly described and include an analytic method used in class | 97 |
| 1. Results: Describes characteristics of the study population | 94 |
| 1. Results: Gives results from a statistical model that achieve the objectives/answer the research questions | 85 |
| 1. Discussion: Provides a brief summary of what was found | 90 |
| 1. Discussion: Put results in the context of what others have found on the topic | 80 |
| 1. Discussion: Provides a brief discussion of the strengths and limitations of the analysis (Including potential biases) | 94 |
| 1. Conclusion: Suggests a future direction from the work | 85 |
| Total/11 | 89.4 |

Presentation strengths:

* Out of the box question!
* Nice use of humor in the title slide
* Good presentation structure
* You seemed relaxed and at ease

Areas for improvement-please address those highlighted in yellow in your response:

* Define the cancer diagnosis reporting source - give us a feel for the variable and how it was measured. This information should be available from SEER.
* How were other variables measured that were used in the analysis?
* For Table 1, I would suggest that you look at the characteristics in the left most column by whether they were alive or dead of breast cancer. So you will have 4 columns: 1) characteristics, 2) Overall, 3) Alive, and 4) Dead. I would also include the reporting source as a column 1 variable.
* Study population details? Who was excluded? Include diagnosis years in the information of who was included and which SEER database and age range was included.
* Present confidence intervals instead of p-values in the results. I would like to see a table with the HRs and CIs and reference group. If you need an example, let me know, but if you search Pubmed for SEER survival, there will be numerous examples that you can look at.
* Is there any prior literature on this topic? Typically, with respect to your main finding for nursing home residents with breast cancer?