

Homework #3

Student name:

Course: 2024 *Statistics for Medicine* – Professor: *Massimo Borelli*
Due date: *Saturday 28th January, 2024*

Question

1. Reconsider the data (the `breastioert.csv` dataset) considered during Homework #1 about the paper by Mara Severgnini, Mario de Denaro et al., entitled *In vivo dosimetry and shielding disk alignment verification by EBT3 ...* (PMID 25679150).
2. According to a proper test, is the *Area outside shielding* different, in a statistical sense, with respect of the two levels of *Energy*?
3. Imagine that your analysis belongs to a research project and you are required to publish it. How would you report your finding in the 'Result' section of a paper?
4. Would you report any important issue concerning the analysis in the 'Limitation' section of the paper?
5. Go to <https://forms.gle/rTCaN2gbyRMK8mJR7> in order to upload your final .pdf document.

Answer.