

## Homework #4

Student name:

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Course: 2024 M.M.P. Statistics for Medicine – Professor: Massimo Borelli  
Due date: January 31st, 2024

### Question

1. Reconsider the data (the *breastioert* dataset) considered during Homeworks #1 and #3 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. Is the *Area outside shielding* different, in a statistical sense, with respect to the levels of *Angle*? Specify the proper test chosen and the details considered.
3. Go to <https://forms.gle/mh8W6hA3RWTNpHoM8> in order to upload your final .pdf document.

**Answer.**