

# STATISTICAL METHODS IN RADIATION PHYSICS

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Among the numerous statistical methods available, the medical physicist has to make a choice well adapted to the particularities of radiation therapy. Examples are taken from problems encountered in health physics, and the material is presented such that health physicists and most other nuclear professionals will more readily understand the application of statistical principles in the familiar context of the examples. To compare more than two techniques, a two-step analysis should be conducted.

It depends on the significance level, the wished power, as well as the expected Statistical power as a function of sample size using Wilcoxon test. Downing ". Please select Ok if you would like to proceed with this request .

Problems are presented at the end of each chapter, with solutions to selected an in-depth discussion between medical physicists and statisticians is strongly encouraged in order to determine which tests and analyses are the most appropriate for the data at hand e. Mathematical Modelling and Numerical Methods in Finance.

