

COMMENTARY

Randomization Made Easy for Small Size Controlled Clinical Trials

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ABSTRACT

The aim of randomization in clinical trials is the creation of groups that are comparable for any known or unknown, potentially confounding variables. Randomization, if done properly, ensures strengthening both the internal validity by minimizing selection bias and external validity by providing a correct basis for generalization. Randomization is a prime assumption to be fulfilled before the application of inferential statistics. Randomization in clinical trials generally refers to random allocation of subjects to treatment groups. Simple randomization, block randomization, stratified randomization, and minimization methods are discussed in this article.
