Title: Inference in Clinical Experiments

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Proposal

Clinical experiments are necessary for recognition or confirmation of some properties of some substances or behavioral interventions. Organization and realization of such experiments require significant time and material expenses as well. Therefore to make reliable decisions on the basis of limited (minimum) number of experiments is very important. Because the experimental results are influenced by random errors, for this purpose the methods of statistical inference are widely used. Especially important is, the development of such methods which require minimum number of experiments for inference with restricted error probabilities.

We invite authors to submit original research as well as review articles to this special issue in Journal of "Inference in clinical experiments " that will help in developing new methods and approaches of Inference in clinical trials. Potential topics include, but are not limited to:

1. New application of existed methods for clinical experiments

2. Development of new parallel methods in clinical experiments

3. Development of new sequential methods in clinical experiments

4. Development of new multiple testing methods in clinical experiments

Keywords: Analysis, Design, Clinical trial, Statistical hypotheses, Parameters estimation, Decision making.