

Sequential Parallel Comparison Design (SPCD) for Clinical Trials and Its Variation Designs

Yuan Zhou

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This seminar introduces a Novel clinical trial design, sequential parallel comparison design (Fava, 2003), which can reduce the impact of placebo response by utilizing at least two phases of treatment and one, two, or more randomizations of subjects. We will cover the motivation, analysis, test statistics, and benefits about this design. Additionally, we will introduce some variation designs based on SPCD; specifically, the adaptive design.

Key Words: Placebo Response, Placebo Run-in, Placebo Lead-in, Clinical Trial, Sequential, Adaptive, Power