SIMULTANEOUS CONFIDENCE INTERVALS FOR ASSESSMENT OF STEADY STATE

G. Jiang[1]

[1]*Cephalon, Inc., Frazer, USA*

Email: *jjiang@cephalon.com*

In clinical practice, drugs are most commonly prescribed to be taken on fixed-time-interval basis. The amount of drug in the body is said to have reached a steady state level if the amount or average concentration of the drug in the body remains stable. In order to evaluate the efficacy and safety of the drug under a multiple dose regimen, it is important to determine whether a steady state is reached and when it is reached. For this purpose, we propose a simultaneous confidence interval approach that strongly controls the familywise error rate.