

The Release of FACTS 6.4

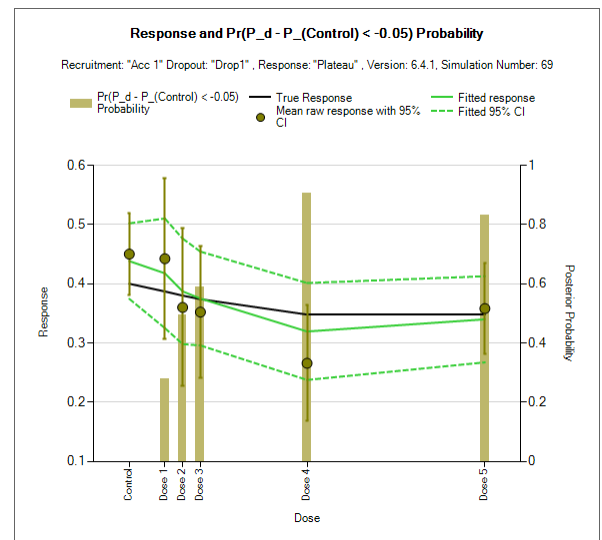
To: FACTS Licensees
From: Berry Consultants
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Introducing FACTS 6.4

Berry Consultants is delighted to announce that FACTS 6.4 is ready for release!

Building on FACTS 6.3, FACTS 6.4 adds new, simple, dose response models: Linear, Hierarchical and Linear Hierarchical, the ability to compare Hazard rates with a Time-to-Event endpoint and Log Odds with a Dichotomous endpoint, the ability to call FACTS from R and to run FACTS simulations on Linux (but not the FACTS GUI).

- FACTS Core and FACTS Staged (all endpoint types) now have new ‘simple’ dose response models: linear, hierarchical and hierarchical linear. The hierarchical model allows the estimate of the response across several arms to be modeled using a Bayesian hierarchical model. The hierarchical linear model uses an underlying linear model, but allows for a per dose offset from the linear, with the offsets modelled with a hierarchical distribution.
- In FACTS Core and FACTS Staged it is now possible to have Quantities of Interest (QOIs) in the log-odds space (dichotomous), and hazard rate space (TTE).
- There is a facility¹ to run FACTS analyses from within R, like an easy to use JAGS but limited to FACTS analysis models.
- There is now a command line only version of FACTS that runs on Linux² allowing Linux servers to be used to run scripted simulation runs.



¹ this is an Enterprise license only feature

² this is also an Enterprise license only feature

- There have been improvements to the graph controls for the “interim vs final analysis scatter plot” that makes it much more useful.

And lastly, FACTS 6.4 is fully backwards compatible with FACTS 6.3!

