Reviewer's report

Title: Comparing methods to estimate treatment effects on a continuous outcome in multicentre randomized controlled trials: A simulation study

Version: 3 Date: 14 January 2011

Reviewer: Catherine Legrand

Reviewer's report:

* Background, para 4
According to me the reference of Lee here is not appropriate (at least not in this sentence) as I don't think it deals with survival endpoint but rather binary and continuous outcome. Other possible reference are Glidden and Vittinghof and or Ohashi and Yamaguchi or ...

* Study data simulation, para 3
Authors can remove "we followed the suggestion of one referee"

* My previous comment on "trial clustering" was actually refering to "trial effect" in meta-analysis and have been adressed by the authors.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
'I declare that I have no competing interests'