LionMail @Columbia

Michael H Andreae <ma2196@columbia.edu>

Please review my final K01 research plan

Andrew Gelman <gelman@stat.columbia.edu>   Tue, Mar 24, 2015 at 11:39 PM
To: Michael H Andreae <ma2196@columbia.edu>
Cc: Michelle Gong <mgong@montefiore.org>

Hi, Michael. Thanks for sending. I like it. I think that the models, as written, are a bit simple to do everything that is claimed regarding spatiotemporal analysis, but perhaps that is not a concern at this point. My very few comments are below.
See you
Andrew

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p.1, "I will develop new data imputation algorithms": Perhaps this is too ambitious; it would be enough to say that you will apply and validate stochastic imputation techniques, because random imputation is generally better than simply discarding missing data or imputing point estimates.

p.1: I wouldn't call Stan "ultra-fast". More accurate would be "flexible" and "state-of-the-art"

p.5: Figure 5 seems a bit irrelevant and disconnected from the proposal. I'd just remove it.

p.7, equation (1): "bernulli" should be "Bernoulli"

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