Reviewer's report

Title: Estimation of the Correlation Coefficient Using the Bayesian Approach and Its Applications for Epidemiologic Research

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Reviewer: Mr Paulo J Nogueira

Level of interest: A paper of limited interest

Advice on publication: Accept without revision

Overall the paper is well written. It sounds technically correct. It relies heavily on referred material, but material looks reproducible.

The example was not particularly appealing. If the technique is so interesting as claimed there must be more challenging examples.

I found it surprising that such a complex function, as the hyperbolic tangent, seems to workout fine. And as I tend to agree that things are put in a way it may draw some attention to Bayesian framework, I also think that the use of such unusual function will keep people from use it.

Competing interests:

None declared.