

*Facultat de Psicologia*

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Dear Dr Logan,

Please find enclosed the manuscript entitled “A*re divergence point analyses suitable to examine response time data?”* which we would like you to consider for publication at *Cognitive Psychology*.

Manolo, Javier and Pablo first encountered Sheridan’s divergence point method a couple of years ago, and we were quite eager to use it. Before doing so, we decided to perform some simulations to better understand its statistical properties (the simulations in the second part of the paper ) and we soon realized that the output of the model was almost entirely determined by the number of trials in an experiment.

Conversations with Jeff let us to the insight that the method is conceptually flawed, as it is described in the text.

Whereas the original Sheridan paper was published in *Cognitive Psychology*, we thought this important work on its fatal flaw should be considered there too.

All the best!

Pablo, Javier, Manolo and Jeff