

Dear Editor,

With this letter we would like to submit the enclosed manuscript *Inferring the total activity of a large neuronal population from a small sample* for publication as a regular article in Neural Computation.

The manuscript has not been published and is not under consideration for publication elsewhere. Some partial results appeared as a bioRxiv pre-print (<https://www.biorxiv.org/content/early/2018/05/23/329193>).

All authors have been involved with the work, have approved the manuscript, and agree to its submission.

Cordially,  
PGL Porta Mana, on behalf of the authors.