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 tight relations with the neurosciences and Bayesian methods, and builds on several papers previously published in Neural Computation. For these reasons we believe that this journal would be the right venue.

Cordially,

PGL Porta Mana, on behalf of the authors.