

Correction

NEUROSCIENCE, APPLIED MATHEMATICS

Correction for “Cross-scale effects of neural interactions during human neocortical seizure activity,” by Tahra L. Eissa, Koen Dijkstra, Christoph Brune, Ronald G. Emerson, Michel J. A. M. van Putten, Robert R. Goodman, Guy M. McKhann Jr., Catherine A. Schevon, Wim van Drongelen, and Stephan A. van Gils, which was first published September 18, 2017; 10.1073/pnas.1702490114 (*Proc Natl Acad Sci USA* 114:10761–10766).

The authors note that the email address listed for Tahra L. Eissa in the correspondence footnote is no longer valid. The correct email address is tle2112@cumc.columbia.edu.

The authors also note that the legend for Fig. 1 appeared incorrectly. The figure and its corrected legend appear below.

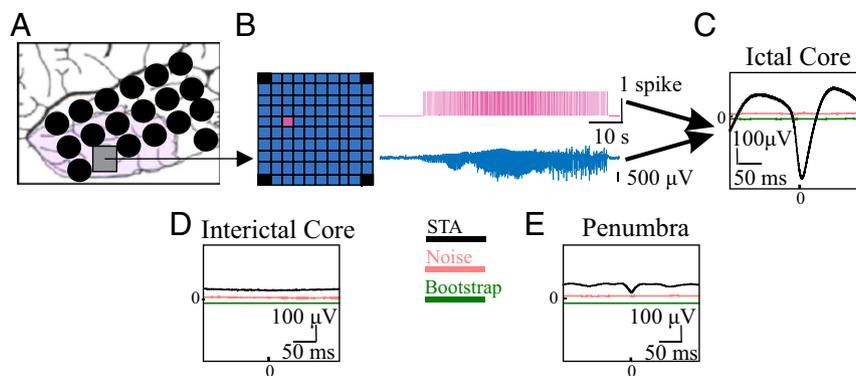


Fig. 1. Spikes in the ictal core show a strong correlation with the LFP. (A) Example schematic of the MEA (gray square) and ECoG grid (black circles) placement for patient 1. Purple area denotes tissue that was later resected. (B) Cartoon MEA. Spike raster from a microelectrode is shown in magenta. Pseudo-ECoG signal (averaged LFP across the MEA) is shown in blue. (C) Example STA from spiking in the ictal core (black) with the noise estimates: plus-minus average (pink) and bootstrapped average (green). STAs and bootstraps were found to be significantly different ($P < 0.0001$) for all seizures recorded in the core (two patients, four seizures). (D) Example STA from interictal spike times. (E) Example STA from penumbral spike train (patient 4). Note that the noise estimate and bootstrap in C–E are slightly shifted from their zero mean to make them visible.

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