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Maxwell J. Collard[a,b,*], Matthew S. Fifer[b,1], Heather L. Benz[b,d], David McMullen[c], Yujing Wang[b,e], Griffin W. Milsap[b], Anna Korzeniewska[a], Nathan E. Crone[a]

[a]*Department of Neurology*
Johns Hopkins University
600 N. Wolfe St., Meyer 2-161
Baltimore, MD 21287, USA
[b]*Department of Biomedical Engineering*
Johns Hopkins University
720 Rutland Ave.
Baltimore, MD 21205, USA
[c]*Department of Neurosurgery*
Johns Hopkins University
600 N. Wolfe St.
Baltimore, MD 21287, USA
[d]*Center for Devices and Radiological Health*
U.S. Food and Drug Administration
10903 New Hampshire Ave.
Silver Spring, MD 20993, USA
[e]*Fischell Department of Bioengineering*
University of Maryland
Room 2330 Jeong H. Kim Engineering Building (Bldg. # 225)
College Park, MD 20742, USA

Abstract

Language tasks require the coordinated activation of multiple subnetworks—groups of related cortical interactions involved in specific components of task processing. Although electrocorticography (ECoG) has sufficient temporal and spatial resolution to capture the dynamics of event-related interactions between cortical sites, it is difficult to decompose these complex spatiotemporal patterns into functionally discrete subnetworks without explicit knowledge of each subnetwork's timing. We hypothesized that subnetworks corresponding to distinct components of

*Corresponding author.
Email address: collard@jhu.edu (Maxwell J. Collard)
[1]Present address: The Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Rd., Laurel, MD 20723, USA.