Dear Fellow ECoG Researcher,

This folder contains the CTMR package developed by the Ramsey lab, with a large number of customized add-on functions written by Kai Miller. It should be added to one’s MATLAB path when running analysis scripts to generate figures from the ECoG library. The original reference is:

Hermes, Dora, Kai J. Miller, Herke Jan Noordmans, Mariska J. Vansteensel, and Nick F. Ramsey. "Automated electrocorticographic electrode localization on individually rendered brain surfaces." *Journal of neuroscience methods* 185, no. 2 (2010): 293-298.

It has a large number of dependencies on the SPM package, which should also be added into the analysis path. To learn more about SPM, please visit the website:

<https://www.fil.ion.ucl.ac.uk/spm/>

For instructions on how to use the CTMR package, please see the manual at Dora Hermes-Miller’s github site:

<https://github.com/dorahermes/Paper_Hermes_2010_JNeuroMeth/blob/master/manual%20ctmr%20gui_V3.pdf>

Best Wishes!

Kai Miller,

Stanford University, 2018

[kai.miller@stanford.edu](mailto:kai.miller@stanford.edu), [miller.kai@mayo.edu](mailto:miller.kai@mayo.edu)