

Supplementary Methods 1

Python programming was done using the Jupyter Notebook (version 7.10.2, <http://ipython.org/notebook.html>). Data were processed and analysed using NumPy (version 1.17.4, <http://www.numpy.org>) and pandas (version 0.25.3, <http://pandas.pydata.org>). **Signal filtering and** statistical analysis was performed using SciPy (version 1.3.1, www.scipy.org). Visualization was done using matplotlib (version 3.1.1, <http://matplotlib.org>) and seaborn (version 0.9.0, <https://seaborn.pydata.org>). All software is open source and freely available.