You have been provided with 2 sets of data for one subject:

1. Glucose data reported for 5 minute epochs. Epoch 1 is the first 5 minutes of the child’s life. Further epochs are numbered sequentially. You will note that some epochs do not have data – you should think of common strategies to deal with missing data.
2. EEG data in EDF format. The EEG data has not been converted to epochs. For the purposes of this exercise, please assume that the start time of EEG corresponds to epoch 24.

Please use this dataset to determine if and how glucose is associated with EEG over time. This exam is a test of file conversion, data exploration and description, processing, analytical, coding, and graphing abilities.

Please show your working, analyses, and visualisations to be evaluated at the end. You may use any software, toolbox or program of your choosing.

Please send your results to Dr. Emily Tam by Thursday, May 6 at noon. Thanks!