HOMEWORK #8
Due at 5 pm on Wednesday 11/28/12

Homework policy: Homeworks can be turned in during class or to the TA's mailbox in the Graduate Student Lounge. Late homeworks will be marked down by 20% per day. If you know that you need to turn in a homework late because of an emergency or academic travel, please let the TA know ahead of time. Collaboration is encouraged on homework assignments, however, the homework that you submit should reflect your own understanding of the material.

For this week's homework, continue analyzing the dataset from last week and perform and document the following steps.

Readings: Read 2_evaluatingics.pdf for the following problems. The pdf file is available at https://dl.dropbox.com/u/105916411/2_evaluatingics.pdf.

1.   Plot IC scalp maps of Components 1-12 in 2-D. (See Page 7).
2.   Plot IC power for Components 1-2, try different parameters from the GUI (see Pages 12-13).
3.   Plot component properties for components 3-4 (see Page 20).
4.   Scroll the IC activations and compare to channel data scroll. Review component properties (Pages 21-23) to identify blink IC(s). Plot component property, as shown on Page 24 for the blink IC(s).