

Original-recipient: rfc822;jdvicto@med.cornell.edu
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From: Andrew Goldfine <andygoldfine@gmail.com>
Subject: Re: still not ideal
Date: Thu, 19 May 2011 09:10:32 -0400
To: "Jonathan D. Victor" <jdvicto@med.cornell.edu>
X-Mailer: Apple Mail (2.1084)
X-Sophos-ESA: [mail-gw4.med.cornell.edu] 3.6.9.0,
Antispam-Engine: 2.7.2.1390750, Antispam-Data: 2011.5.19.133018
X-Sophos-Filtered: User-Whitelisted

We can also try a different coordinate system.

EEGLAB comes with a couple coordinate systems. One of them is a 10-5 MNI coordinate system for BEM dipfit model. The file is attached (open as text) and I also converted it to a .mat file (loc is x,y,z in rows and labels is the channel names). When I plot3 it it seems to look accurate at least. Here's how I plotted it:

```
figure;for i=1:346;plot3(loc(i,1),loc(i,2),loc(i,3),'r. ');hold on;end  
for i=1:346;text(loc(i,1),loc(i,2),loc(i,3),labels(i));hold on;end  
axis equal
```



[standard1005.mat](#)



[standard_1005.elc](#)