

From: Holly K Dressman
Sent: Tuesday, May 6, 2008 9:20 PM
To: Joseph R Nevins
Subject: Re: Affy expression pricing

Speaking of distracting things, I am working on the Topo signature in OVC and it is a big mess. NCI wants us to resubmit the revisions again and now asking for correct Topo info (this was one issue where we had two different set of responder/nonresponder numbers), and they may want the data for their stat folks to try out like what was done with the plat stuff. I emailed Anil last week about the differences I have been seeing but have not heard from him yet, but he has been at a meeting I think. I have always archived my emails and found files that Anil sent back in 2005 with the OVC data and have also asked Chuck for his master sheet for the topo (he emailed me last week). There are differences between all the files I have, except for the one I created and posted on express (database) with that of Johns info. There are many differences with respect to how pts are called responders/non responders. So I have decided to start from scratch and do the analysis over, using the same parameters that Anil did using both the binreg 1 and binreg 2 versions. The only thing I don't have is the merged data file of the U95/U133A probes that Anil used in his analysis. And thus far no matter whose classification sheet I use (even the correct one from John), I get awful predictions, nothing greater than overall accuracy of 60%. I am beginning to wonder if the Topo signature is real. I guess for the review, I can just hope they don't ask for the original data and just report what is in the Nat Medicine paper. I will try to track down Anil and see if he can give me the starting file he used in the matlab program to see if maybe the probe matching has a profound effect on the accuracy, I did not use any replicates, maybe he did in his analysis. I think it is going to be important to do what Bill did for the predictions for all of the chemo predictors to validate the method and standardize the analysis. Gotta get something to John this week for the revisions.

Any suggestions?
Sorry to be a pain....

Joseph R Nevins/Genetics/mc/Duke
05/06/2008 07:03 PM

To
Holly K Dressman/IGSP/Univ/Duke@mc