



Integrative Cancer Research Special Interest Group Teleconference

Data Analysis and Statistics SIG Meeting Minutes

Date, Time & Location:	August 6, 2004 2:00 – 3:00 PM EDT
Attendees:	James Lyons-Weiler – Pittsburg Joseph Wang – Georgetown Jason Xuan - Georgetown Simon Lin – Duke Patrick McConnell – Duke Tom Moloshok – Fox Chase Richard Rauscher –Prentis - Karmanos Naveen Vinukonda - Institute for Cancer Prevention Steve Marron – UNC-Lineberger Chris Kingsley – UCSF Judith Goldberg - NYU David Kane – NCI/SRA Louise Showe – Wistar Michael Showe – Wistar Michael Nebozhyn - Wistar Mike Keller - BAH Claire Zhu – BAH Juli Klemm - BAH
Application Presentations	<u>DWD and VISDA Presentations</u> Steve Marron (Lineberger) gave a presentation of DWD and Joseph Wang (VA Tech/Georgetown) gave a presentation of VISDA. The slides can be downloaded from: http://ncicbforums.nci.nih.gov/forums/cabigforum/lfs/icrifs/SIGs/data_analysis_stats <u>Q & A</u> <ul style="list-style-type: none">- Do you plan to evaluate DWD using random resampling validation? (Jim Lyons-Weiler)<ul style="list-style-type: none">o Yes. Note that the algorithm has been evaluated against published data sets.- What is the advantage of the DWD approach over evaluation of centroids between groups? (Michael Nebozhyn)<ul style="list-style-type: none">o The DWD method takes advantage of all of the data.- Is the VISDA software available? (Steve Marron)<ul style="list-style-type: none">o Software is written in Matlab, and will be converted to C++/Java for caBIG. In the meantime, if you have Matlab, you can start using with VISDA. Send email request to Joseph.o There is also a public interface available. Joseph will send Juli the URL.- Any plan to apply VISDA to identification of diagnostic markers and to evaluate for classification errors using published data?<ul style="list-style-type: none">o We are planning to test 10 public data sets over 200 trials to test the stability of the software.- Due to time constraint, off line discussions are encouraged.



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Other Items Discussed				
Action Items:	Name Responsible	Action Item	Date Due	Notes
	Juli Klemm	Distribute meeting minutes	8/13/04	
	Joseph Wang	Send out URL to a public version of VISDA	8/16/04	