

March 7, 1964

Dr. Dean Clyde  
Biometric Laboratory  
University of Miami  
250 Bird Road  
Coral Gables 46, Florida

Dear Dean:

Thank you very much for the canonical correlations. I turned these over to Jim Vanderplas, and they do indeed disagree. He checked the equations in T. W. Anderson, and believes that those equations are similar to the ones that he is using. He believes that the difference may be related to the criteria that are being used in the two programs. He asks, therefore, if it is possible to have a print-out of the Fortran statements of your program. Our programmers will undertake a line by line comparison and determine the places where discrepancies exist.

In the past week I have had two opportunities to discuss the discriminate function analysis of the EEG differences in the two sub-groups of schizophrenia and depression. We have also checked some of the original records that Max sent to me, and the significant element is the slow wave activity which may be related to the age of the adolescent group. If the proposed analysis of variance is a very complicated maneuver, might we not achieve the same end by repeating a discriminate analysis deleting the nine subjects who are labeled "childhood schizophrenia"? If then, the difference between the two groups still exists, even if the significance drops, could this not answer the question of the major effect of the adolescent group?

My best regards.

Sincerely yours,

Max Fink, M.D.  
Director

MF/jb