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5400 Arsenal Street
St. Louis 39, Mo.

January 8, 1963

Dr. Max Pollack
Hillside Hospital
P. O. Box 38
Glen Oaks, New York

Dear Max:

Thank you for your recent letter and I shall try to answer each paragraph sequentially.

The program for a correlation matrix with missing variables was written for 50 variables and it was difficult to write the proper commands for the 89 variables which I had in hand. Jim Vanderplas worked on this problem for about a week and finally solved the program-
ming by six runs on the computer taking various portions of the matrix. The next step is now in process. All the variables have been indexed anew and the different scores obtained. Friday afternoon a correlation matrix for change scores was run but errors in the program resulted in a garbage-matrix. I do not think we have the time to clean this up this week and it is possible that Jim will get to it early next week. To the original 89 variables for whom we have derived different scores, we added three social variables for the correlation matrix - age, education, and sex. It was in picking these variables out of the social variable cards that I became confused about the coding of the last few items. Since I do not have the original patient lists, it is not easy for me to check whether the last column reflects diagnosis or previous treatment by a drug in a period less than three weeks.

If the program will run, I will obtain change score matrices by drug for the 89 variables and three social variables available to me at the present time. I would assume that the clerical staff has started decoding on the Behavioral Scales so that we can obtain some factor analyses of these. With some additional labor the change score matrices should be done by the end of the month.

Dr. Max Pollack

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Your second question is the responsibility for Hanna's work. I do not see how I can supervise this from St. Louis. I know that you have examined your budget and needs carefully and expect you to do what is in the best interests of the original grant program.

I have received the CFF paper, and have read it this evening. I have made a number of notes and will return this paper later on this week.

Sincerely yours,

MISSOURI INSTITUTE OF PSYCHIATRY

Max Fink, M. D.
Director

MF:jr