

April 3, 1967

Dr. Richard Abrams
104 Childress
Shepherd AFB, Texas

Dear Dr. Abrams:

Enclosed are the original data and the calculations which you requested. The technique applied has been the Mann-Whitney U Test, which is a non-parametric test of significance in two groups. The test is designed for such small populations as you present. The test was applied for the differences between the unilateral and bilateral populations before and after treatment and for the differences resulting from treatment. The same was done for the Beckomberga Rating Scale.

There are no differences in the two populations before treatment, after treatment, or in the differences resulting from treatment. But if one looks at the differences induced by each treatment, there is significant effect for the change in the Hamilton Depression Score with unilateral ECT and with bilateral ECT, indicating that in your population the changes induced by treatment were (as expected) significant.

I am visiting Dr. Blachly on April 10 and will obtain a first-hand impression of his methods and problems. This should be useful when we begin our program.

I will be at the APA meetings in Detroit and if you are planning to come, we should arrange to get together. I will be staying at the Hotel Pontchartrain.

Sincerely yours,

Max Fink, M.D.
Professor of Psychiatry

MF:kp