

MEDICAL RESEARCH COUNCIL

Telegrams: "MEDRESCO HAYES, LONDON."

Telephone:  
HAMPSTEAD 2032.



PRIVY COUNCIL.

NATIONAL INSTITUTE  
FOR MEDICAL RESEARCH,  
HAMPSTEAD,  
LONDON, N.W. 3.

20.10.31

Dear Doctor Fisher.

-You may remember that some time ago you offered to help me with statistical difficulties. The kind of observations with which I have to deal consist, for the most part, of determinations of the percentage mortality when a drug is injected into a group of animals. I was not satisfied with the usual methods of calculating the sampling error & I think I have now found a more logical method which gives the same result as the

usual method when the groups are large, but which is also accurate when the groups are small. I have written it up in the form of a paper, but, before I send it to an editor, I should like to ~~do~~ get someone ~~who~~ like yourself to tell me whether the reasoning is sound or not.

Could you find time to read through the 26 sheets of typescript ~~attached~~ ~~enclosed~~ which I enclose?

If so I should be very grateful. If not please let me have them back. I enclose an addressed envelope.

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②

The things I want to know are

- ① Is the argument sound?
- ② Is the notation suitable?
- ③ Shall I have try to get it published or in a statistical journal or in the Proc. Roy. Soc or neither?

President hesitate to use a blue pencil.  
I have another copy.

Forgive me for troubling you  
yours sincerely

John Gaddum

(who learned statistics from you at Rugby!)