

February 10, 1939

Dear Bliss,

Thanks for your letter and news. About randomized blocks, I think Yates' formula must be all right, though I have not checked your particular reference. The point is that when block effect are eliminated a certain amount of the average treatment effect is eliminated at the same time, so that, to get the true treatment effect, we have to use a smaller divisor. On factorial designs with incomplete blocks a ~~very~~ useful paper has just come in, by E.A. Cornish, in the Journal of the Australian Institute of Agricultural Science, Vol 4:199. He uses in illustration some virus data from the Boyce Thompson, supplied by Youden.

The Secretary of the Foundation is, quite probably, right, though I certainly should hope that you would spend a substantial amount of your time in this Department. I am confident that, during the next few years, you will feel the effects of your increasingly well established reputation.

You must not think of paying for the publication of your papers. If you think it would meet your case, I would put the two of them into the Annals of Eugenics with

great pleasure. They will be well printed there, but the circulation at present is small. On the whole they will be associated with other biological papers of good statistical quality.

Yours sincerely,