

30th September, 1955.

My dear Frank,

Thanks for your note. I hope the Welch-Behrens business will continue to interest you, though I do not suppose you have had time to have Payne's new formulae for the weighted mean for finite samples tried out. You may recall that Payne worked the first two corrections and that others would be worth working, if you were satisfied that it did deliver the goods with a desirable increase in precision in those cases of the recovery of intra-block information, which is, I think, ^{the} a most important application in view, though, of course, David Finney has some others in the field of biological assay.

While discussing tables, I should like to check that you have (a) the enlarged table for the angular transformation, giving entries from 1-89 instead of 45-89, with maximum and minimum working angles to two more decimal places than the current table; and (b) a table for the product ratio method for estimating linkage, with a method of dealing with its standard error, or significance, more direct than the clumsy algebraic

formula which I gave previously. Could you check if you have this, as I should like you to see it?

Mahalanobis rang me up yesterday. He hopes to get us both out to Calcutta next December year. I hope you will find it possible.

When are you going to visit me here again?

Sincerely yours,