

23rd. November 1946.

My dear Pieller,

Thanks for your letter. If you like I could refer to your note in subsequent editions. The general method of substituting values of pivotal quantities such as χ^2 and F at chosen levels of significance in order to make equivalent tests of parameters contained implicitly in these quantities has, I suppose, been creeping into use for a long while. Certainly in the case which you treat I had discussed the quadratic equations to which your method

leads with C. I. Bliss, when he was working on toxicological problems at the Galton Laboratory. If anyone has anticipated your note in this application it would be he, but I do not know that he has done so. I seem to remember him using the intercepts of a given ordinate with the Working and Hotelling hyperbola.

Yours sincerely,