## UNIVERSITY OF CAMBRIDGE DEPARTMENT OF GENETICS SIR RONALD A. FISHER, Sc.D., F.R.S.

A. R. G. OWEN, Ph.D. HRS. H. E. WALLACE, Ph.D. J. H. BENNETT, Ph.D. MISS J. BRANDT, Ph.D. WHITTINGEHAME LODGE ...
44 STOREY'S WAY
CAMBRIDGE
Tel. 55822

Librarian: Mrs. V. C. FYFE Secretary: STANLEY A. MALLYON

27th July, 1955.

My dear Frank,

I am sending herewith the last chapter, including something about estimation and the use of ancillary values. It will be mostly old stuff to you, apart, perhaps, from section 12, which I put in because some Americans, Savage at Chicago and John Tukey, have been rather working themselves up about the uniqueness of simultaneous fiducial distributions, and have been trying to use Jacobians in which some of the elements, or minors, are not uniform in sign. I fancy it is one more example of the difficulty felt by many mathematicians at the idea that the kind of conclusion which can be drawn depends on the analytic form of the data. Anyway, it occurred to me that in my early work the logical notions used in this book had been developed chiefly in connection with the theory of estimation, and there were one or two things, such as the definition of 'consistency', in which I had not been very consistent myself, and in which, inevitably, people like Kendall had chosen the less satisfactory definition. without a hint that the idea had been expressed in any other way!

Sincerely yours,

Ron