July 2, 1942

My dear Taylor,

I have received from Dr Aubert, a lady working with Loutit, who published with him recently in the B.M.J., material for making the simultaneous distribution of α and β titres for the 250 O donors which she there records.

I do not know whether any such simultaneous distribution has previously been published, but it obviously had not occurred to the authors that it would be of any interest. As you will see from the data, there is a strong positive association between the titres for these two antibodies. The variances and covariance are presumably comparable with any other material such as you might get from the Oxford hospital, although the absolute values of the titre readings are presumably not comparable with the scores assigned in your Laboratory. The variances also will be slightly inflated by errors in the titration readings, so that the true ~~valuation~~ variation in the population sample will be less, to a slight but unknown extent, than the mean squares I have calculated. This bias will not affect the mean product.

Yours sincerely,