

December 8, 1940

Dear Kendall,

Thanks for your abstract and letter. The former, if you do not mind, I will take the liberty of amending, as it inadvertently gives the impression that I advocated the procedure of obtaining univariate formulae from the general multivariate formulae. Of course, actually I expressly discarded this approach.

On the point raised in your letter, I think there must be a mistake in your algebra; if the distribution of X^2 tends to normality I think that of X must necessarily do the same. It is not as though the mean of either distribution were at zero.

If I remember right Wilson and Hilferty, some years ago, in the Proceedings of the Natural Academy of Science put up a more elaborate approximation for X^2 , good, that is, to say, for smaller values of n

Yours sincerely,