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My dear Professor,

I am enclosing a typescript of a method to deal with chi square, when expectations are small. I find myself often confronted with such a difficulty; the method I am proposing is very simple - probably too simple, but in all cases I tested it it gave surprisingly good results. To be really useful it requires the calculation of tables, and to be really exact, tables should probably be prepared for expectations up to 50 (I have optimistically written 25 in the paper). Even so they would not be too cumbersome.

I would like to send this paper to Biometrics, but before doing so I should ^{like to} know your advice, whether the method is really recommendable. I am made suspicious about it by the fact that it is too simple and, if really useful should have been published before. Nevertheless, I have been encouraged in writing ^{the paper} ~~it~~ by the remarkably close agreement which I have always found in all applications in which it was possible to compare ^{the present method} ~~it~~ with exact treatments.

Work on K-12 is proceeding, although slowly. I have now developed strains which, possibly because no mutagenic treatment has been applied to them, seem to behave as they ought to do, in the sense that interference is clearly positive, provided that cares are taken to avoid poor pairing. We are still confronted with one difficulty, however, namely that in ~~different~~ independent, parallel crosses, c.o. values of certain regions tend to vary. We are working to dig out the origin of this unwanted variation. I hope however, to obtain eventually good data ~~ready~~ for the time I shall meet Lederberg next autumn.

My wife has taken her last exam and should ~~exam~~

graduate in Biological sciences next week .She states that she likes genetics ,which she never studied properly before,a great deal.

Yours sincerely

Luca.