August 1934.

Professor R. Frisch,
Slemdalaveien, 98,
Oslo, Norway.

Dear Professor Frisch,

I am enclosing now the notes on "Mathematical distributions used in the common tests of significance." I hope to goodness the algebra has escaped errors in transcription, especially the complex expression on page 21, which I have not, at least lately, used numerically. Otherwise, I feel confident that it is correct. I hope you will adhere to your intention to follow it with a discussion of the asymptotic approximation available when neither \( \kappa_1 \) or \( \kappa_2 \) are small. The second approximation given in Section 41 of my book, page 213 of the third edition, though good enough for practical tests, does not suffice for the completion of the table as a table of a mathematical function in the way that it ought to be completed.

As to the further paper you suggest, on moments, cumulants and semi-variants, I will think about it and commence a methodical statement of the present state of the subject as I understand it, but have doubts as to
whether anything like a just historical survey could be done within a reasonable compass.

Yours sincerely,