Dear Professor Frechet,

I have new read through the preposed motion and on the first point discussed I think there is no question that the statement is correct. The penultimate paragraph, hewever, epens with words which seem to suggest that the only use of the ocefficient correlation is that which a man makes who finding an insignificant value, concludes that the variates are statistically independent. This as far as I can judge is the converse of the usual precedure in this country, where it is more usual, on finding a significant value for the correlation to conclude that the variates are not statistically independent. In fact, legically all the tests of significance are means whereby the facts are allowed to dispreve some definite hypothesis, and not means whereby they are ever allewed to prove such a hypothesis.

Apart from tests of significance, however, the correlation coefficient is used as a meand of estimating the value of a persmeter, by means of which the hypothesisal population, from which the sampled is drawn, is believed to be specified and this use appears

proper when, as for e.g. in anthropometry the population sampled can be specified in this way, but illegitimate in many cases where either one of the regression coefficients and the variance about the corresponding regression line that represent objective quantities, which are proper subjects for estimation, but where the correlation coefficient if used in such specification is no more themmathematical fiction.

I am,

yours sincerely,