

14th March, 1958.

My dear Luca,

You may be glad to know that I have now received some data from Verschuer. I had not expected it so soon, but of course he had a number of addresses of twins already diagnosed into monozygotes and dizygotes, so that his problem was only that of ascertaining their status as smokers.

The results are exceedingly encouraging, and show, indeed, considerably more resemblance in smoking habits between monozygotic than dizygotic twins. With the monozygotes 34 out of 51 (or exactly 2 out of 3) are entirely alike save for some apparent variation in the numbers of cigarettes, etc., smoked, about which I did not in any case expect accurate returns. Of the remainder, 12 (or rather less than one-quarter of the whole) are distinctly unlike, at least to the extent of one smoking cigarettes and the other cigars.

Among the dizygotic, on the other hand, only 12 out of 31 are wholly alike, while 14 are clearly dissimilar on the same basis of classification.

Of course the data can be broken down in other ways, e.g. putting all smokers together in one class, and in due time I imagine they must be presented in all reasonable ways. It is, however, exceedingly encouraging to get such clear evidence of

genetic differentiation from so comparatively small a body of material.

With best wishes and love to all your family,

Sincerely yours,