Dear Eliot Slater,

Since acknowledging your data I have had time to look at it and see how really valuable it is.

My previous data, some remarks on which I have incorporated in a Letter to Nature, were from Germany and exclusively male. Your most valuable series is that of female twins, 53 monozygotic and 18 pairs dizygotic, showing, like von Verschuer's, much closer resemblance in the monozygotic (of which there are 9 unlike out of 53) than in the dizygotic (showing 9 out of 18).

However, the really priceless element in the Maudsley data is that of these monozygotic pairs, 27 have been separated at birth and 26 have been brought up together, and of the 9 disharmonious pairs there are 4 among the separated, and 5 among the unseparated; and this nicely disposes of the factitious objection which I am sure is awaiting my German data, based on the suppositions (a) that twin girls would influence each other's smoking habits greatly, and (b) that this influence would be greater between monozygotic than between dizygotic girl twins. Your data show clearly that the effect is quite negligible, at least between the monozygotic pairs, where it is supposed to be at its greatest.

Sincerely yours,