

22 March 1934.

Whately Carrington, Esq.,
Calandstraat 64,
Rotterdam.

Dear Whately Carrington,

I think I go with you as far as 8,-
and then jib; first because I don't know what you compared
the mean value of your 15 positive $z-z'$ values with, and
the true mean cannot be zero, since there will be some chance
variation, which by your method would be counted as positive,
and next because even if there were no personality differences
the errors would be correlated if you made 15 comparisons
out of 4 personalities.

I think I suggested in a previous
letter that you probably had already done all the work
needed to make a general test among the 4 personalities ,
i.e. the kind of test you would want to make if you were
considering the possibility that they were all one, but I
believe I forgot to say how you had done it.

Now, if I am right, you have values
for W , WP and OWP for each of your 6 pairs of personalities
If you take half the sum of the 6 values for WP , each
having $n-1$ degrees of freedom, where n = the number of words ,

then half their sum will be the value for $3(n-1)$ degrees of freedom and half the sum of the OWP values will be the value for $12(n-1)$ degrees of freedom, if you have made tests on 5 occasions for each personality, and the comparison of these 2 new values should either exclude or admit the hypothesis that all the personalities are experimentally equivalent.

Yours sincerely,