15 February 1932.

Miss Ina Jephson,
"Ladyoak",
Flimwell,
Hawkhurst,
Kent.

Dear Miss Jephson:

It is most unfortunate that I nearly always forget where we left off, and, I suppose to spare me iteration, you do not tell me again each time exactly what it is that needs testing.

If I remember rightly there was a fairly water-tight method of analysing the preferences in cards drawn in your card-guessing game, by dividing it into two parts, first whether particular cards get into favoured places with abnormal frequency, and secondly whether cards frequently guessed are more often than others drawn, after making allowance for the place in which they are laid out. I remember the place effect was very pronounced, so that if there were six layings out at the three parties largish differences in frequency would come from the chance of getting a favourable position. The information on the second point is much more abundant, but, if I remember right, there was no indication of preference when allowance
was made for place.

You do not give the places in the last lot, so I cannot separate the two factors, but, as you suggest, it looks rather like the previous results with the ace a strong preference card leading, and 8 the last preference following as a close second.

You ask how many more results would be needed supposing them to confirm those so far accumulated in order to obtain significant evidence. On the first point it does not depend on the number of guesses, but on the number of deals and by repeatedly shuffling a pack and laying out in the prescribed manner, even no more than 100 times, it should be possible at least to show if the lay outs you have actually used have in fact favoured the ace more than the generality of lay-outs would have done. But perhaps you are already satisfied on this point and are unwilling to ascribe to the ace an uncanny faculty for getting into the preferred positions more often than it ought to do by chance, and are only concerned with the second problem, whether preference cards are more often chosen than others when in the preferred positions, or indeed in any particular position. Now on this last point I doubt if your frequencies have shown any sign of more than chance fluctuations, and I should say that you had already accumulated enough material to show that
this was the case.

Yours sincerely,