31st. May 1946.

My dear Finney,

Thanks for your letter. It is a good problem, but I believe I can defend the simple solution of doubling the total probability, not because it corresponds to any discrete subdivision of cases of the other tail, but because it corresponds with halving the probability, supposedly chosen in advance, with which the one observed is to be compared. That is to say, one may decide in advance that if the probability is less than one in forty in either direction then we shall consider if, pending further investigation,
the viruses are not pathologically equivalent.
How does this strike you?

Yours sincerely,