

February 3, 1942

Dear Race,

Thanks for your letter. I think you are right that, ~~presumably~~, no estimate of gene frequency can yet be made, and I agree with you entirely in treating your group 2 as if group 1.

If of Acholuric patients the fraction p have both parents normal, and q have at least one parent Acholuric, (nearly all being one parent only) ^{where} then your cases ~~with~~ both parents have been examined should, of course, give the true ratio $p:q$; but where only one parent has been examined, if this one were chosen without guidance from symptoms, the proportion of normal would be $p + \frac{1}{2}q : \frac{1}{2}q$ affected. One could, therefore, make a subsidiary estimation, adding a trifle to the total information by bringing in such families. I imagine they are worth little from this point of view, and if there is any doubt as to randomness of choice, they are certainly better omitted altogether.

Yours sincerely,