Aug. 8th. 1933.

Dr. F. Roberts,
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University of Edinburgh,
Edinburgh.

Dear Fraser Roberts,

I am returning herewith the typescript on Family Incidence of Acute Rheumatism, perhaps too late to be of any use, but not too late to express my interest in your work. I understand that the data were a short run of consulting cases in coming for institutional treatment, if this is so would not a family with two affected members have twice as great a chance of appearing in the record as a family with only one affected member, and the elaborate quid pro quo method which Hogben has been at such pains to import from Germany is less accurate than simply to count the proportion among all series of individuals affected. For families up to five I get 12.7 and for families of 6 or more I get 8.2% as against your estimate of 16%. The point is quite a subtle one
and will perhaps need thinking about further. I do not know what you have done about birth order on p.12, but I have not yet seen any data on birth order which did not seem to be misleading, and Hogben's treatment is one of the worst cases. With three observations from 11th. onwards against only 0.4 expected, the correspondence is not very close, but as I say I question the whole method unless your data is rather exceptional.

Yours sincerely,