June 17, 1937

Dear Gray,

Thanks for your letter. No, I certainly can't demonstrate that the variability between fraternities having the same parental measurements cannot be much less than the variability within fraternities. Indeed, if the parental measurements were widely unreliable this is what we would expect. For stature, however, the two estimates are much more nearly equal. Put another way, one might say that any great difference shows that the parental measurements are a bad index of their genetic potentialities; a fact, if true, which should be indicated by much lower regressions. I do not know, however, whether you would consider any such vague justification of my judgment would improve the discussion. You notice that I say "Until, at least, this great contrast in variability has been demonstrated independently on reliable material, either in man or in experimental animals, the accuracy of all the head measurements published does seem open to very serious suspicion." This shows that we should accept such an independent demonstration as clearing Boaz's data of the suspicion we feel.

Yours sincerely,