

6th. March 1946.

My dear Hisee,

Thanks for your letter. I had not heard that Miss Cox had made any travel arrangements, so have written to her about this. Of course, I should like immensely to visit you at Newhaven, and am not at all concerned to have a large audience. I have never yet visited the Connecticut Experimental Station. Your suggestion as to this is entirely agreeable.

I have been trying, perhaps not altogether successfully, to reconstruct your insulin assay problem. Could it not be looked at like this? You have 12 rabbits, each with 4 tests, giving 36 degrees of freedom for comparisons eliminating rabbits. Regression of log insulin dose on 6 blood sugar determinations takes 6 degrees of freedom, leaving 30 for error or residual. Of course, the tests may have been done at 4 periods on a Latin Square arrangement, insulin

dose, which would take up 3 more of the residual degrees of freedom 4 times and leave only 23 for error. I do not think your problem involves the question of linearity of response on log dose, so I have not brought in this complication.

Yours sincerely,