My dear Bradford Hill,

Thank you for your letter of January 14th. I think you have sent me what I want, but as it is all expressed in percentages the actual numbers inferred from these will need checking again at your end since there are, of course, the usual discrepancies (e.g. no whole number out of 9 is 20%), so I am enclosing the ten four-fold tables that result for verification. The note on your table to the effect that "Cunces of tobacco have been expressed as being equivalent to so many digarettes" points to quite a serious trouble, for pipe smokers do not ordinarily inhale, and have in fact less cancer of the lung in these tables, so that the mixture of pipe and digarette smokers in the way indicated would tend surely in the direction of a false positive association between inhaling and cancer.

On the basis of the actual classification of the individuals concerned into the 40 classes now available, it should be easy, as you have the hand sortings available, to say how many in each of these 40 classes are not in fact cigarette smokers.

I do not think that a test of significance as suggested on page 744 (1950) is possible without these sub-divisions.

Sincerely yours,

Enc.

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