



Received 29 November 1979

Corrigenda et Addenda

G. Allen¹, Z. Hrubec²

¹ Division of Biometry and Epidemiology, National Institute of Mental Health, US Departments of Health, Education, and Welfare, Rockville, Maryland; ² Medical Follow-up Agency, National Academy of Sciences, Washington, DC, USA

In our paper, "Twin concordance: A more general model" [3], the illustration contained a numerical error that would confound any attempt to reproduce our results. On page 12, the numbers listed opposite C_2 should be 14 and 6 instead of 28 and 12.

In constructing that table we incorrectly gave the number of probands in concordant pairs instead of following the notation set down in page 5, in which C_2 is defined as the number of doubly ascertained or two-proband concordant pairs. An old formula [1] for estimating the true pairwise concordance rate in the population used the symbol C to mean the number of probands in concordant pairs. The same formula was subsequently given in different symbols, perhaps no less confusing [2].

Both of the older formulations can now be supplanted by the hopefully unambiguous formula 7 in our 1979 paper, which is algebraically identical. In other words, we recommend that the true or indirect pairwise concordance rate be obtained by first estimating the proband concordance, p_r , and substituting it into formula 7. The estimates thus obtained with Kringlen's data are 0.29 (MZ) and 0.079 (DZ).

It may be further noted that formulas 1 and 4 in our 1979 paper are numerically equivalent under almost all circumstances, and coincide with formula 7 only in the case of complete primary ascertainment.

One of the authors wishes to correct an error in another paper [4]. In the fourth line from the bottom of page 161, reference to *quantitative traits* was intended as a reference to *qualitative traits*.

REFERENCES

1. Allen G (1955): Comments on the analysis of twin samples. Acta Genet Med Gemellol 4:143–160.
2. Allen G, Harvald B, Shields J (1967): Measures of twin concordance. Acta Genet Stat Med 17: 475–481.
3. Allen G, Hrubec Z (1979): Twin concordance: A more general model. Acta Genet Med Gemellol 28:3–13.
4. Allen G (1979): Holzinger's H_c Revised. Acta Genet Med Gemellol 28: 161–164.