

The Ratio of monozygotic to dizygotic affected twins and the frequencies of affected twins in unselected data - a correction

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The following note will serve to correct two errors in the paper referred to in the title (Stern 1958).

1. In section II, p. 316, k is defined as the frequency of monozygotic pairs among twin pairs. Since, on p. 314, k has been defined differently, it is necessary on p. 316 to use another symbol. The symbol k'' should replace all references to k on this page.

2. On p. 316, the total frequency of ascertainable single-born should not read $S = (1-f)mn$ but $S = (1-2f)mn$. Correspondingly, the fraction of twin pairs among all ascertainable individuals (equation 8) becomes:

$$d = \frac{f [2-n (k'' + m-k''m)]}{2f [2-n (k'' + m-k''m)] + 1-2f}$$

This corrected formula for d results in numerical changes for the three values listed in the second line from below. Instead of 0.0150, 0.0174 and 0.0197, the values should read 0.0149, 0.0172 and 0.0195. In agreement with these changes, the numbers 50, 74 and 97 given on line 1, p. 317 become 49, 72 and 95.

The general conclusions arrived at in the original paper remain unchanged.

Summary

Two errors in an earlier paper are corrected. The general conclusions arrived at originally remain unchanged.

Literature

STERN, CURT: 1958. The ratio of monozygotic to dizygotic affected twins and the frequencies of affected twins in unselected data. *A.Ge.Me.Ge.*, 7: 313-319.

RIASSUNTO

Si rettificano due errori contenuti nell'articolo del numero precedente. Le conclusioni generali rimangono invariate.

RÉSUMÉ

Rectification de deux erreurs parus dans l'article du numéro précédent. Il n'y a pas de changement dans les conclusions générales.

ZUSAMMENFASSUNG

Zwei Irrtümer in einer früheren Arbeit werden berichtet. Die allgemeinen Schlussfolgerungen jener Arbeit bleiben unberührt.