

Correction Note

**Comment by O. E. Barndorff-Nielsen on
"The Geometry of Asymptotic Inference,"
by R. E. Kass, 1989, Vol. 4, 222–227.**

Several errors have, regrettably, passed unnoticed in my proofreading of the manuscript for the Comment:

The sum in formula (1) is over all *ordered* partitions, i.e., the order of the indices within each block of the partition is arranged to be the same as their order in R_n and the blocks $R_{n_1}, \dots, R_{n_\nu}$ are assumed to be ordered so that for $p = 1, \dots, \nu - 1$ the first index in R_{n_p} comes before the first index in $R_{n_{p+1}}$ as compared to the ordering within R_n .

In formula (2) R_n should be changed to R_m .

Two lines from below, right column on page 224, the symbol g_{rs}^t should be changed to g_{rs}^{it} .

In formula (31), insert $\frac{1}{2}$ as a factor to the second term on the right-hand side.

The symbol l_{rst} on the right-hand side of formula (32) should be changed to l_{rst} .

On the right-hand side of formula (36), the sign of the first term should be changed to a minus, and the factor 2 in the parentheses should be changed to $\frac{1}{2}$.

Formula (37) should read:

$$l_{rstu} = -\{l_{rstu} + l_{rst;u}[4] + \frac{1}{2}(l_{rs;tu} + l_{rs;v}l_{tuw}j^{vw})\}.$$

The + sign in formula (38) should be changed to -.

Two lines above formula (39), change $\Gamma_{rs}^{-1t} = g_{rs}^t$ to $\Gamma_{rs}^t = g_{rs}^{it}$.

In formula (44), l_{rs} should be changed to l_r .

Incidentally, the derivation of formula (16) from formula (12) requires some calculation the details of which are given in Blæsild (1987b).

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