

## CORRECTION

### MULTIVARIATE TESTS BASED ON LEFT-SPHERICALLY DISTRIBUTED LINEAR SCORES

BY J. LÄUTER, E. GLIMM AND S. KROPF

*Annals of Statistics* (1998) **26** 1972–1988

In Theorem 1 of the paper, page 1975, the rank condition for the coefficient matrix  $\mathbf{D}$  is not sufficient. The correct condition is the following:

*Let  $\mathbf{D}$  be a  $p \times q$  random matrix defined as a Borel function of  $\mathbf{H} + \mathbf{G} + \mathbf{L}$  such that  $\mathbf{D}'(\mathbf{H} + \mathbf{G})\mathbf{D}$  has rank  $q$  with probability 1.*

This change is necessary because otherwise it would be possible to construct a weight function  $\mathbf{D} = \mathbf{D}(\mathbf{H} + \mathbf{G} + \mathbf{L})$  with rank  $q$  such that the rank of  $\mathbf{D}$  is diminished by a multiplication with  $\mathbf{H} + \mathbf{G}$  in case of  $f_H + f_G < p$ .

OTTO-VON-GUERICKE-UNIVERSITÄT MAGDEBURG  
INSTITUT FÜR BIOMETRIE UND MEDIZINISCHE INFORMATIK  
UNIVERSITÄTSKLINIKUM  
LEIPZIGER STRASSE 44  
D-39120 MAGDEBURG  
GERMANY  
E-MAIL: Juergen.Laeuter@Medizin.Uni-Magdeburg.DE