

CORRECTION NOTES

CORRECTION TO A NOTE ON THE SPHERICITY TEST

BY LEON J. GLESER

Johns Hopkins University

Correction to Theorem 2, *Ann. Math. Statist.* **37** 464-467: Since $n^{1/2} \log |R| \rightarrow 0$ in probability as $n \rightarrow \infty$ (and not to $\mathcal{N}(0, 2(p-1))$ as implied in the proof of the theorem), the correct variance of the limiting normal distribution is $2 \sum_{i=1}^p (\lambda_i / \lambda^{\frac{1}{2}} - 1)^2$.

My thanks to Dr. N. Sugiura for pointing out this error.

CORRECTION TO ON THE THEORY OF RANK ORDER TESTS FOR LOCATION IN THE MULTIVARIATE ONE SAMPLE PROBLEM

BY PRANAB KUMAR SEN AND MADAN LAL PURI

University of North Carolina, and Courant Institute of Mathematical Sciences, New York University

Correction to *Ann. Math. Statist.* **38** 1216-1228. On page 1219 after (3.6) insert

$$(3.6') \quad H_{j,k}^*(x, y; \theta_j, \theta_k) = F_{j,k}(x, y; \theta_j, \theta_k) + F_{j,k}(x, -y; \theta_j, \theta_k) \\ + F_{j,k}(-x, y; \theta_j, \theta_k) + F_{j,k}(-x, -y; \theta_j, \theta_k),$$

$$(3.6'') \quad H_{N,j,k}^*(x, y) = F_{N,j,k}(x, y) + F_{N,j,k}(x, -y) + F_{N,j,k}(-x, y) \\ + F_{N,j,k}(-x, -y).$$

In Assumption 4, replace $H_{N,j,k}(x, y)$ by $H_{N,j,k}^*(x, y)$. In (3.8), (3.11) and (3.12) replace $dH_{j,k}(x, y; \theta_j, \theta_k)$ by $dH_{j,k}^*(x, y; \theta_j, \theta_k)$. In (3.10) replace $dH_{N,j,k}(x, y)$ by $dH_{N,j,k}^*(x, y)$. In line 11 on page 1222, change [17] to [15a] and [10] to [9a]. The authors wish to thank their students and some colleagues for pointing out the above corrections.

CORRECTION TO ASYMPTOTICALLY OPTIMAL STATISTICS IN SOME MODELS WITH INCREASING FAILURE RATE AVERAGES

BY KJELL DOKSUM

University of California, Berkeley

Corrections to pages 1734, 1736 and 1738, *Ann. Math. Statist.* **38** 1731-1739. Page 1734, line 17: Change (2.7) to (3.6).