

# CORRECTION NOTES

## CORRECTIONS TO "ON SOME ASYMPTOTICALLY NON-PARAMETRIC COMPETITORS OF HOTELLING'S $T^2$ "

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Professor N. Sugiura has kindly pointed out the following numerical errors in this paper (*Ann. Math. Statist.* **36** 160–173):  
Page 170, Relation (1) should read

$$2/\pi \leq e_2^M(F) \leq .72,$$

Page 171, Relation (1) should read

$$3/\pi \leq e_1^M(F) \leq .965.$$

Furthermore, the maximum value is reached for  $\rho$  between .5 and .51.

The word "concave" in both of the above relations should be replaced by "unimodal".

Finally, relation (6.11) should read:

$$\begin{aligned} e_1^M(F) &= \frac{3}{\pi} \frac{1 + \rho}{2(2 - (3/\pi) \cos^{-1}(\rho/2))}, & 0 \leq \rho < 1, \\ &= \frac{3}{\pi} \frac{1 - \rho}{2((3/\pi) \cos^{-1}(\frac{1}{2}\rho) - 1)}, & -1 < \rho \leq 0. \end{aligned}$$

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## CORRECTION TO

## "A COMPARATIVE STUDY OF SEVERAL ONE-SIDED GOODNESS-OF-FIT TESTS"

BY D. G. CHAPMAN

In the paper cited above (*Ann. Math. Statist.* **29** (1958) 655–674), it is stated that "any monotone test is admissible." This is in reference to the hypothesis  $F = F_0$  against the alternative  $F < F_0$ . K. Doksum has pointed out that the test  $\varphi = \alpha$  is a counter-example to this assertion which should therefore be deleted.