CORRECTIONS TO “ESTIMATION PROCEDURES BASED ON PRELIMINARY TEST, SHRINKAGE TECHNIQUE AND INFORMATION CRITERION”

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In the above titled paper (this Annals 29 (1977), Part A, 21-34), the following corrections should be made:

1. (i) On page 29, in (37) and (38):

“ $1+2/n$ ” should be “ $\exp(2/n)$ ”.

- (ii) On page 29, in (38):

“ $\sqrt{\frac{2}{n}} \cdot \sqrt{n-1}$ ” should be “ $\sqrt{\exp(2/n)-1} \cdot \sqrt{n-1}$ ”.

- (iii) On page 29, in (39) and line 6 from the bottom:

“ $\sqrt{2-2/n}$ ” should be “ $\sqrt{\exp(2/n)-1} \cdot \sqrt{n-1}$ ”.

If the above corrections are made, in Section 5 we should note that

$$\lim_{n \rightarrow \infty} \sqrt{\exp(2/n)-1} \sqrt{n-1} = \sqrt{2}.$$

2. (i) On page 32, line 5 from the bottom:

$$\hat{p}_1 = \begin{cases} p_0 & \text{if } \left(\frac{p}{p_0}\right)^p \left(\frac{1-p}{1-p_0}\right)^{1-p} \leq e^{1/n} \\ X/n & \text{otherwise,} \end{cases}$$

$$\Rightarrow \hat{p}_1 = \begin{cases} p_0 & \text{if } \left(\frac{\tilde{p}}{p_0}\right)^{\tilde{p}} \left(\frac{1-\tilde{p}}{1-p_0}\right)^{1-\tilde{p}} \leq e^{1/n} \\ X/n & \text{otherwise,} \end{cases} \quad \text{where } \tilde{p} = X/n,$$

- (ii) On page 32, lines 3, 2 and 1 from the bottom and on page 33, line 1 and Fig. 2:

“ p ” should be “ $\tilde{p}$ ”.