

## Corrigendum

Corrigendum to "Retrieving sinusoids from nonuniformly sampled data using recursive formulations" *Expert Systems with Applications* 72 (2017) 245–257

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The author regrets to inform that six errors have been discovered in this article. The main error refers to the "log-likelihood" term in equations (4), (5), (34), which is shown as approximated by using the sum squared error (SSE) but in our simulations it was actually approximated by using the square root of the SSE and all the results presented in the paper are obtained in that way. Using the square root of the SSE in the log-likelihood term in the Eq. (5) has the same effect as when increasing its model-complexity penalty term by a factor of 2. A couple of other less significant errors are also corrected. The corrections are outlined below:

- The first error is located at page 246, in the right side of Eq. (4), where the sum squared error should be replaced by its square root, and the Eq. (4) should be replaced by:

$$\ln L(\hat{\beta}_M, \mathbf{w}) = -\frac{K}{2} \ln \left\{ \sum_{k=1}^K [w_k - P_{M,k}(\hat{\beta}_M)]^2 \right\}^{0.5}.$$

- The second error is the same type of error as the first one and is located at page 246, in the Eq. (5), which should be replaced by:

$$\hat{M} = \arg \min_{M=0,1,2,\dots} \frac{K}{2} \ln \left\{ \sum_{k=1}^K [w_k - P_{M,k}(\hat{\beta}_M)]^2 \right\}^{0.5} + MC_K.$$

- The third error is located at page 248, in the Section 2.2, in the first item of the numbered list and refers to the text "(see Section 2.3)", which should be replaced by: "(see Section 2.4)".
- The fourth error is located at page 248, in the Section 2.2, in the second item of the numbered list and refers to the text "(see Section 2.4)", which should be replaced by: "(see Section 2.5)".
- The fifth error is the same type of error as the first one and is located at page 249, in the Eq. 34, which should be replaced by:

$$EDC(0) = \frac{K}{2} \ln \left( \sum_{k=1}^K w_k^2 \right)^{0.5}.$$

- The sixth error is located at page 250, in the Table 1, in the first row below "Initialization" and refers to the text " $E_0 = EDC(0)$  (34)" which should be replaced by the equation:

$$" E_0 = \sum_{k=1}^K w_k^2 " .$$

These errors do not affect the correctness of the procedures and the results presented in the paper.

The author would like to apologize to the Editor and the readers for these errors.

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