Correction to: New numerical approximation of fractional derivative with non-local and non-singular kernel: application to chaotic models

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In this article, Eq. 14 has been corrected. It was published as:

$$\sum_{k=0}^n (n - k + 2 + \alpha) = \frac{n(n + 4 + 2\alpha)}{2}$$

It has been changed to:

$$\sum_{k=0}^n (n - k + 2 + \alpha) = \frac{(n + 1)(n + 4 + 2\alpha)}{2}$$

In the next equation evaluating the error, the above sum is replaced. This does not affect the formulation of the numerical scheme or the rest of the paper.

The original article has been corrected.

The original article can be found online at <https://doi.org/10.1140/epjp/i2017-11717-0>.

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