



Corrigendum: Unifying Speed-Accuracy Trade-Off and Cost-Benefit Trade-Off in Human Reaching Movements

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Keywords: expected utility, hit dispersion, cost-benefit, speed-accuracy, arm reaching

A corrigendum on

Unifying Speed-Accuracy Trade-Off and Cost-Benefit Trade-Off in Human Reaching Movements

by Peternel, L., Sigaud, O., and Babič, J. (2017). *Front. Hum. Neurosci.* 11:615. doi: 10.3389/fnhum.2017.00615

There was a confusing notation of expectation in the Equations (2) and (4) in the original article. The original notation $\mathbb{E}(\mathbf{s}, \mathbf{u})$ could be misinterpreted as expectation of variables \mathbf{s} and \mathbf{u} themselves multiplied by the integral part inside (...), while in fact the notation represents the expectation of integral part inside the (...), where (\mathbf{s}, \mathbf{u}) only indicates that the random variables are \mathbf{s} and \mathbf{u} . The clearer notation would be $\mathbb{E}_{\mathbf{s}, \mathbf{u}}$. The corrected versions of equations/text are below.

$$J(\mathbf{u}) = \mathbb{E}_{\mathbf{s}, \mathbf{u}} \left(\int_0^{\infty} [e^{-t/\gamma} \rho R(s_t) - \nu L(\mathbf{u}_t)] dt \right), \quad (2)$$

where $\mathbb{E}_{\mathbf{s}, \mathbf{u}}$ denotes the expectation over the random variables \mathbf{s} and \mathbf{u} , which is the probability-weighted average of its argument over infinitely many repetitions.

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Edited and reviewed by:

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Received: 18 January 2018

Accepted: 12 February 2018

Published: 20 February 2018

Citation:

Peternel L, Sigaud O and Babič J (2018) Corrigendum: Unifying Speed-Accuracy Trade-Off and Cost-Benefit Trade-Off in Human Reaching Movements. *Front. Hum. Neurosci.* 12:76. doi: 10.3389/fnhum.2018.00076

$$J(\mathbf{u}) = \mathbb{E}_{\mathbf{s}, \mathbf{u}} \left(\int_0^{\infty} [e^{-t/\gamma} \rho R(s_t) - \nu L(\mathbf{u}_t)] dt + C(s_f) \right), \quad (4)$$

In the original article, we forgot to include the Acknowledgments section.

ACKNOWLEDGMENTS

The authors would like to thank Gowrishankar Ganesh for his valuable feedback regarding the paper, Corentin Arnaud for his help with the code and Zrinka Potočanac for her help during the experiments.

The authors apologize for these oversights and state that they do not change the scientific conclusions in any way.

The original article has been updated.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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