Correction

Correction: Accuracy Evaluation of the Unified P -Value from Combining Correlated P -Values

The PLOS ONE Staff

There are multiple errors in Equations 4 and 11. Please see the corrected Equation 4 here.

$$P(\tau' \geq \tau) = \sum_{j=1}^m \frac{e^{-\beta\tau/w_j} w_j^{m-1}}{\prod_{v=1, v \neq j}^m (w_j - w_v)}.$$

Please see the corrected Equation 11 here.

$$\begin{aligned} V[\tau'] &= V\left[\sum_{j=1}^m -2w_j \ln(p_{H_{i,j}})\right] \\ &= 4 \sum_{j=1}^m w_j^2 + 2 \sum_{j=1}^m \sum_{v=1, j < v}^m w_j w_v \operatorname{cov}(-2 \ln(p_{H_{i,j}}), -2 \ln(p_{H_{i,v}})). \end{aligned}$$

Reference

1. Alves G, Yu Y-K (2014) Accuracy Evaluation of the Unified P -Value from Combining Correlated P -Values. PLoS ONE 9(3): e91225. doi:10.1371/journal.pone.0091225

Citation: The PLOS ONE Staff (2014) Correction: Accuracy Evaluation of the Unified P -Value from Combining Correlated P -Values. PLoS ONE 9(7): e103662. doi:10.1371/journal.pone.0103662

Published: July 25, 2014

Copyright: © 2014 The PLOS ONE Staff. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.