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# Correction: Tracing dynamic biological processes during phase transition

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## Correction

After the publication of our article [1], we found that a few errors were introduced during the production process.

The mathematical definition of expanded temporal block given in Definition 3 (Expanded temporal block) should have been “the corresponding expanded temporal block  $B_i^* = \{G_i^*, T_i^* | G_i^* \subseteq I, G_i^* \supseteq G_i, T_i^* = T_i\}$  satisfies:  $\forall x \in G_i^*, \exists y \in G_i, s.t. C_{x,y} \geq p$ ” rather than “the corresponding expanded temporal block  $B_i = \{G_i, T_i | G_i \subseteq I, T_i \subseteq J\}$  satisfies:  $B_i^* = \{G_i^*, T_i^* | G_i^* \subseteq I, G_i^* \supseteq G_i, T_i^* = T_i\}$ ”.

And the subscript of some variable involved in partial correlation calculation (formula (2)) given in Definition 4 (Partial correlation) should have been “X, Z” rather than “X, 2”. The corrected formula is shown here:

$$PR(X, Y|Z) = \frac{C_{X,Y} - C_{X,Z}C_{Y,Z}}{\sqrt{1 - C_{X,Z}^2}\sqrt{1 - C_{Y,Z}^2}}$$

We regret any inconvenience these errors may have caused.

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## Competing interests

The authors declare that they have no competing interests.

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