

Erratum to: A hierarchical multi-criteria sorting approach for recommender systems

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Equation 6 of the original version unfortunately contained a mistake. The second condition on Equation 6 says

$$\text{if } \Phi_j(a) - \Phi_j(b_h^j) \geq v_j(b_h^j)$$

must be

$$\text{if } \Phi_j(a) - \Phi_j(b_h^j) \geq p_j(b_h^j)$$

i.e., "v" must be replace by "p". The correct equation is shown next page:

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$$c_j(a, b_h^j) = \begin{cases} 1 & \text{if } \Phi_j(a) - \Phi_j(b_h^j) \leq q_j(b_h^j), \\ 0 & \text{if } \Phi_j(a) - \Phi_j(b_h^j) \geq p_j(b_h^j), \\ \frac{p_j(b_h^j) - (\Phi_j(a) - \Phi_j(b_h^j))}{p_j(b_h^j) - q_j(b_h^j)} & \text{otherwise.} \end{cases} \quad (6)$$