

Erratum to: On the uncertainty of interdisciplinarity measurements due to incomplete bibliographic data

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In the original publication of the article, errors occurred in first author name, second affiliation of second author, equations and subscript terms. The correct version of those is given in this erratum.

The indices of the sums in Eq. 1 have to be written as

$$\sum_{\substack{i=1 \\ j=1}}^{N_T}$$

The terms $\mathcal{T}_{\text{prune}}$, $\mathcal{I}_{\text{prune}}$, $\mathcal{G}_{\text{span}}$, $\mathcal{T}_{\text{valid}}$, \mathbf{c}_{min} , \mathbf{c}_{max} and $\mathcal{G}_{\text{known}}$ should read as $\mathcal{T}_{\text{prune}}$, $\mathcal{I}_{\text{prune}}$, $\mathcal{G}_{\text{span}}$, $\mathcal{T}_{\text{valid}}$, \mathbf{c}_{min} , \mathbf{c}_{max} and $\mathcal{G}_{\text{known}}$.

In section “Constraint transformation lemma”, the last column of the last term of the equation that starts with $\frac{\partial q_m}{\partial \lambda_k}$ is missing and the correct equation should read as

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$$\frac{\partial q_m}{\partial \lambda_k} = \begin{cases} u(\alpha(b_j - b_k) + \beta(a_k - a_j)) + (a_k b_j - a_j b_k) \|\mathbf{c}\|_1 + Dc_i & m = i \\ u(\alpha(b_k - b_i) + \beta(a_i - a_k)) + (a_i b_k - a_k b_i) \|\mathbf{c}\|_1 + Dc_j & m = j \\ u(\alpha(b_i - b_j) + \beta(a_j - a_i)) + (a_j b_i - a_i b_j) \|\mathbf{c}\|_1 + Dc_k & m = k \\ Dc_m & m \neq i, j, k \end{cases},$$

$$D = \begin{vmatrix} a_i & a_j & a_k \\ b_i & b_j & b_k \\ 1 & 1 & 1 \end{vmatrix}$$

In section “Hypercube constraints”, the terms with ‘hat’ notations (e.g., $\hat{\mathbf{u}}$) should read $\hat{\mathbf{u}}_i$ instead of $\hat{\mathbf{u}}_i$.

Also, the term with \mathbf{u}_i should read as $\check{\mathbf{u}}_i$.