Erratum to: Dismissing return periods!

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Erratum to: Stoch Environ Res Risk Assess
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Equations 12, 13, 14, 17, 18 and percentage values reported in the bottom panels of Fig. 2 were mistyped in the above paper. They should read

$$p_{\text{COND1}} := \mathbb{P}[V > v | U > u] = \frac{1 - u - v + C(u, v)}{1 - u}, \quad (12)$$

$$p_{\text{COND2}} := \mathbb{P}[V > v | U \leq u] = 1 - \frac{C(u, v)}{u}, \quad (13)$$

$$p_{\text{COND3}} := \mathbb{P}[V > v | U = u] = 1 - \frac{\partial C(u, v)}{\partial u}, \quad (14)$$

$$p_{\text{OR}} \geq \max\{p_X, p_Y\} \geq \min\{p_X, p_Y\} \geq p_{\text{AND}}, \quad (17)$$

$$\mathcal{T}_{\text{OR}} \leq \min\{\mathcal{T}_X, \mathcal{T}_Y\} \leq \max\{\mathcal{T}_X, \mathcal{T}_Y\} \leq \mathcal{T}_{\text{AND}}. \quad (18)$$

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Fig. 2 Similar to Fig. 1, but showing 1000 pairs (u, v) simulated from a Gumbel copula. Each panel highlights the sets of pairs falling within the domains where each probability (p_{AND} , p_K , etc.) is defined (grey circles and filled circles), and the subsets of pairs fulfilling the condition related to each type of probability (filled circles)