



Correction to: Methodology to estimate ionospheric scintillation risk maps and their contribution to position dilution of precision on the ground

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Because of a typographical error during the editing process, Eq. 23 appears incorrectly in the publication. The correct Eq. 23 is the following:

$$H_d(x^s[j], \dots, x^s[j + d_k] | v, \tau, x_{th}) = \begin{cases} 1 & \text{if } (x^s[j], \dots, x^s[j + d_k]) \geq x_{th}, x^s[j + d_k + 1] < x_{th} \text{ and } x^s[j - 1] < x_{th} \\ & \text{when } \{v^s[j - 1], \dots, v^s[j + d_k + 1]\} \in v \\ 1 & \text{if } (x^s[j], \dots, x^s[j + d_k]) \geq x_{th} \text{ and } x^s[j - 1] < x_{th} \\ & \text{when } \{v^s[j - 1], \dots, v^s[j + d_k]\} \in v \text{ and } v^s[j + d_k + 1] \notin v \\ 1 & \text{if } (x^s[j], \dots, x^s[j + d_k]) \geq x_{th} \text{ and } x^s[j + d_k + 1] < x_{th} \\ & \text{when } \{v^s[j], \dots, v^s[j + d_k + 1]\} \in v \text{ and } v^s[j - 1] \notin v \\ 1 & \text{if } (x^s[j], \dots, x^s[j + d_k]) \geq x_{th} \\ & \text{when } \{v^s[j], \dots, v^s[j + d_k]\} \in v \text{ and } v^s[j - 1], v^s[j + d_k + 1] \notin v \\ 0 & \text{otherwise} \end{cases} \quad (23)$$

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