

Errata RBCS 2020-0086

In the article “Geostatistical-based index for spatial variability in soil properties” [Rev Bras Cienc Solo. 2020;44: e0200086. DOI: 10.36783/18069657rbc20200086], on page 4 (Equations 11 to 16), where it is presented:

$$SDI_{spherical} = 0.447 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 11}$$

$$SDI_{exponential} = 0.422 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 12}$$

$$SDI_{gaussian} = 0.563 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 13}$$

$$SDI_{cubic} = 0.408 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 14}$$

$$SDI_{pentaspherical} = 0.378 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 15}$$

$$SDI_{wave} = 0.637 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 16}$$

It should be presented:

$$SDM_{spherical} = 0.447 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 11}$$

$$SDM_{exponential} = 0.422 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 12}$$

$$SDM_{gaussian} = 0.563 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 13}$$

$$SDM_{cubic} = 0.408 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 14}$$

$$SDM_{pentaspherical} = 0.378 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 15}$$

$$SDM_{wave} = 0.637 \left(\frac{C_1}{C_0 + C_1} \right)^{\frac{1}{2}} \min \left\{ 1; \left(\frac{a}{0.5 MD} \right) \right\} 100 \quad \text{Eq. 16}$$

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