

**CORRIGENDUM**

IGOR R. IVIĆ,<sup>a,b</sup> CHRISTOPHER CURTIS,<sup>a,b</sup> AND SEBASTIÁN M. TORRES<sup>a,b</sup>

<sup>a</sup> Cooperative Institute for Mesoscale Meteorological Studies, University of Oklahoma, Norman, Oklahoma

<sup>b</sup> NOAA/OAR/National Severe Storms Laboratory, Norman, Oklahoma

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The authors apologize for the following errors in Ivić et al. (2013):

(i) Currently, Eq. (7) on p. 2744 is given as

$$\sum_{l=0}^{L-W-1} D[\text{RS}(l) > 1.12WN] \leq \Gamma_{\text{inc}}(\text{THRWM}, MW). \tag{7}$$

The correct expression is

$$\frac{1}{L} \sum_{l=0}^{L-W-1} D[\text{RS}(l) > 1.12WN] \leq \Gamma_{\text{inc}}(1.12WM, MW). \tag{7}$$

(ii) Currently, Eq. (B3) on p. 2751 is given as

$$\begin{aligned} \langle \widehat{\text{Var}}_{\text{dB}}^2(k) \rangle &= \left\langle \left[ \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \right]^2 \right\rangle + \frac{1}{K^2} \left\langle \left[ \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \right]^4 \right\rangle - \frac{2}{K} \left\langle \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \left[ \sum_{l=k}^{k+K-1} \hat{P}_{\text{dB}}(l) \right]^2 \right\rangle \\ &= \langle \hat{P}_{\text{dB}}^4(k) \rangle \left( K - 2 + \frac{1}{K} \right) + \langle \hat{P}_{\text{dB}}^2(k) \rangle^2 \left( K^2 - 3K + 5 - \frac{3}{K} \right) + \langle \hat{P}_{\text{dB}}^2(k) \rangle \langle \hat{P}_{\text{dB}}(k) \rangle^2 \\ &\quad \times \frac{-2K^2 + 12K^2 - 22K + 12}{K} + 4 \langle \hat{P}_{\text{dB}}(k) \rangle \langle \hat{P}_{\text{dB}}^3(k) \rangle \left( 2 - K - \frac{1}{K} \right) + \frac{(K-1)(K-2)(K-3)}{K} \langle \hat{P}_{\text{dB}}(k) \rangle^4. \end{aligned} \tag{B3}$$

The correct expression is

$$\begin{aligned} \langle \widehat{\text{Var}}_{\text{dB}}^2(k) \rangle &= \left\langle \left[ \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \right]^2 \right\rangle + \frac{1}{K^2} \left\langle \left[ \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \right]^4 \right\rangle - \frac{2}{K} \left\langle \sum_{n=k}^{k+K-1} \hat{P}_{\text{dB}}^2(n) \left[ \sum_{l=k}^{k+K-1} \hat{P}_{\text{dB}}(l) \right]^2 \right\rangle \\ &= \langle \hat{P}_{\text{dB}}^4(k) \rangle \left( K - 2 + \frac{1}{K} \right) + \langle \hat{P}_{\text{dB}}^2(k) \rangle^2 \left( K^2 - 3K + 5 - \frac{3}{K} \right) + \langle \hat{P}_{\text{dB}}^2(k) \rangle \langle \hat{P}_{\text{dB}}(k) \rangle^2 \\ &\quad \times \frac{-2K^3 + 12K^2 - 22K + 12}{K} + 4 \langle \hat{P}_{\text{dB}}(k) \rangle \langle \hat{P}_{\text{dB}}^3(k) \rangle \left( 2 - K - \frac{1}{K} \right) + \frac{(K-1)(K-2)(K-3)}{K} \langle \hat{P}_{\text{dB}}(k) \rangle^4. \end{aligned} \tag{B3}$$

(iii) Currently, Eq. (C6) on p. 2752 in the paper is given as

$$\lim_{L \rightarrow \infty} \frac{1}{L} \sum_{l=0}^{L-33-1} D[\text{RS}(l) > 37N] = \Gamma_{\text{inc}} \left( \frac{37N}{33}, \frac{15.33}{N}, 15.33 \right) = 4.53 \times 10^{-3}. \tag{C6}$$

Corresponding author: Igor Ivić, igor.ivic@noaa.gov

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The correct expression is

$$\lim_{L \rightarrow \infty} \frac{1}{L} \sum_{l=0}^{L-33-1} D[\text{RS}(l) > 37N] = \Gamma_{\text{inc}} \left( \frac{37N}{33} \frac{15 \times 33}{N}, 15 \times 33 \right) = 4.53 \times 10^{-3}. \quad (\text{C6})$$

#### REFERENCE

- Ivić, I. R., C. Curtis, and S. M. Torres, 2013: Radial-based noise power estimation for weather radars. *J. Atmos. Oceanic Technol.*, **30**, 2737–2753, <https://doi.org/10.1175/JTECH-D-13-00008.1>.