Correction to "Regional Head Tissue Conductivity Estimation for Improved EEG Analysis"

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Two equations in the Appendix of the above paper[1] included typographical errors. They should be replaced by the following corrected equations:

$$A_n^{(1)} = \frac{I}{2\pi r_4 \sigma_4} \frac{(1+2n)^4}{2n} \left(\frac{r_1}{r_4}\right)^n \cdot \left[\kappa_{12}\left\{\kappa_{23}\left[-(1+n)\left(\frac{r_3}{r_4}\right)^{2n+1}\lambda_{34} + \kappa_{34}\right] - (1+n)\left(\frac{r_2}{r_3}\right)^{2n+1}\left(\frac{\sigma_3}{\sigma_4}\right)\lambda_{23} \cdot \left[n\lambda_{43} + \left(\frac{r_3}{r_4}\right)^{2n+1}\kappa_{43}\right]\right\} + (1+n)\left(\frac{r_1}{r_2}\right)^{2n+1}\left(\frac{\sigma_2}{\sigma_3}\right)\lambda_{12} \cdot \left\{n\left[\left(\frac{r_2}{r_3}\right)^{2n+1}\kappa_{32}\lambda_{34} - \lambda_{32}\kappa_{34}\right] + \left(\frac{r_3}{r_4}\right)^{2n+1} \cdot \left[n(n+1)\lambda_{32}\lambda_{34} - \left(\frac{r_2}{r_3}\right)^{2n+1} \cdot \left(\frac{\sigma_3}{\sigma_4}\right)\kappa_{32}\kappa_{43}\right]\right\}\right]^{-1} \tag{A1}$$

$$B_n^{(3)} = \frac{A_n^{(1)}}{(2n+1)^2}\left(\frac{r_2}{r_1}\right)^n\left(\frac{r_2}{r_3}\right)^{n+1} n \cdot \left[\left(\frac{r_1}{r_2}\right)^{2n+1}\left(\frac{\sigma_2}{\sigma_3}\right)\lambda_{12}\kappa_{32} + \lambda_{23}\kappa_{12}\right] \tag{A5}$$

where $\kappa_{ij} \equiv (1 + n(1 + \sigma_i/\sigma_j))$, and $\lambda_{ij} \equiv (1 - \sigma_i/\sigma_j)$. The other equations appeared correctly.

The errors in the above paper[1] were merely typographical. We have verified that the equations used to generate the numerical results in the original paper were implemented correctly. Consequently, the conclusions of the original paper are still equally valid. These corrections affect only readers wishing to reproduce our results.

The authors sincerely thank A. Liston for pointing out the errors. We apologize for any inconvenience.

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