Erratum: Noise Shaping by Interval Correlations Increases Information Transfer [Phys. Rev. Lett. 92, 080601 (2004)]

Maurice J. Chacron, Benjamin Lindner, and André Longtin

We made some typing errors in Eqs. (6) and (7). The correct Eq. (6) reads

$$S_{A,B}(f) = S_{A0,B0}(f) + \left(\frac{1}{\Theta_0}\right)^2 S_{st}(f), \qquad X_{A,B}(f) = \frac{1}{\Theta_0} S_{st}(f), \tag{1}$$

while the correct Eq. (7) is given by

$$C_{A,B}(f) = \left[1 + \frac{\Theta_0^2 S_{A0,B0}(f)}{S_{st}(f)} \right]^{-1}. \tag{2}$$

For the numerical calculations we used these correct expressions; hence, all of our results and the associated conclusions are valid.