

Errata

Publication I: On page 568 Eq. (33) should read

$$\pi(\mu_a, \lambda | y) \sim \exp \left\{ -\frac{1}{2} \left(\begin{pmatrix} \mu_a \\ \lambda \end{pmatrix} - \begin{pmatrix} \bar{\mu}_a \\ \bar{\lambda} \end{pmatrix} \right)^T \Gamma_{\text{post}}^{-1} \left(\begin{pmatrix} \mu_a \\ \lambda \end{pmatrix} - \begin{pmatrix} \bar{\mu}_a \\ \bar{\lambda} \end{pmatrix} \right) \right\}$$

and the second row of Eq. (34) should read

$$\begin{pmatrix} \Gamma_\mu - \Gamma_\mu A_1^T L A_1 \Gamma_\mu & -\Gamma_\mu A_1^T L A_2 \Gamma_\lambda \\ -\Gamma_\lambda A_2^T L A_1 \Gamma_\mu & \Gamma_\lambda - \Gamma_\lambda A_2^T L A_2 \Gamma_\lambda \end{pmatrix}.$$

Publication II: On page 031908-2 Eq. (9) should read

$$H_2(\varphi, \varphi'; g) = \frac{1}{2\pi} \frac{1 - g^2}{(1 + g^2 - 2g \cos(\varphi - \varphi'))}.$$

Publication III: On page 13, in Eq. (10), the term under the integral should read $f_{\hat{\mathbf{s}}}(\hat{\mathbf{s}}, \hat{\mathbf{s}}') L(\mathbf{r}, t, \hat{\mathbf{s}}') d\hat{\mathbf{s}}'$.

Publication IV: On page 18 the formulas (7) and (9) are in 3D, although the numerical work is conducted in 2D. In 2D, the Robin boundary condition (6) becomes $\Phi + (\pi/2)\hat{n} \cdot \mathbf{K}\nabla\Phi = 0$, and the constant 1/2 in formulas (7) and (9) becomes $2/\pi$.