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Corrigendum to "Aggregation in environmental systems – Part 2: Catchment mean transit times and young water fractions under hydrologic nonstationarity" published in Hydrol. Earth Syst. Sci., 20, 299–328, 2016

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A factor of Δt was inadvertently omitted from Eq. (A7) in Appendix A; the correct equation is

$$C_{\mathrm{L}} = \left[C_{\mathrm{P}}\left(t_i\right)P + \left\{C_{\mathrm{u}}\left(t_i\right)S_u\left(t_i\right) - C_{\mathrm{u}}\left(t_{i+1}\right)S_{\mathrm{u}}\left(t_{i+1}\right)\right\}/\Delta t\right]/L. \quad \text{(A7)}$$

Similarly, factors of L and Δt were inadvertently omitted from Eq. (A10); the correct equation is

$$\overline{\tau}_{Q_{\mathrm{l}}} = \left[\overline{\tau}_{\mathrm{L}}\left(t_i\right)(1-\eta)L + \left\{\overline{\tau}_{\mathrm{l}}\left(t_i\right)S_{\mathrm{l}}\left(t_i\right) - \left(\overline{\tau}_{\mathrm{l}}\left(t_{i+1}\right) - \Delta t\right)S_{\mathrm{l}}\left(t_{i+1}\right)\right\}/\Delta t\right]/Q_{\mathrm{l}}. \quad \text{(A10)}$$

The calculations used in the paper were correct. The error was only in the presentation of the equations. The results and their interpretation are not affected.

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