Erratum

Inference for an age-dependent, multitype branching-process model of mast cells

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An anonymous reviewer of a grant proposal based on this work has identified the following error: The events (1) expressed in terms of T_0 , $T_{(1)}$, and $T_{(2)}$ are not equivalent to the events expressed in terms of $\{X(t_i), i = 0, 1, 2, 3\}$ on the previous page, as the language of the paper indicates. The latter imply the former but not vice versa. For example, let $T_{(11)}$ be the time from birth to division of the first dividing daughter of the first dividing daughter of the initiator cell. Then history #1, $\{X(t_0) = 1, X(t_1) = 2, X(t_2) = 2, X(t_3) = 3\}$ is in fact equivalent to $\{t_0 < T_0 < t_1, t_2 - T_0 < T_{(1)} < t_3 - T_0 < T_{(2)}, t_3 - T_0 < T_{(1)} + T_{(11)}\}$. The likelihoods L_1 , L_2 , and L_3 thus describe the events (1) but not the events expressed in terms of the $X(t_i)$'s.