Correction: Understanding the Slow Depletion of Memory CD4+ T Cells in HIV Infection

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Correction for:

In the published manuscript, Figures 3, 4, 6, and 7 were generated using slightly different parameter values than those quoted in the captions. Corrected versions of these figures are shown here. None of the conclusions of the study change as a result.

**Figure 3.** Steady-State Pool Size as a Function of Virus Infectivity $p$

**Figure 4.** The Predicted Time for Memory CD4+ T Cell Numbers to Decline from 100% to 50% of Healthy Numbers, as a Function of Virus Infectivity $p$
Other minor corrections:
The homeostatically dividing cell death rate $\mu$ is 0.77/day, not 1.06 as stated in the original caption to Figure 4. This rate is calculated using the constraint that approximately 1% of CD4$^+$ T cells in blood are activated at the healthy set point, giving 

\[ \mu = \frac{a_0(r - 9\delta) + r\delta}{a_0 - \delta}. \]

In the third paragraph of the Results section, in the sentence beginning, "For the simulations we show below, we used the linear forms...", the equation should read \( a(x) = a_0(1 - x / \kappa) \).

At the end of the next paragraph, "given \( a \) and \( r \)” should read “given \( a(x) \) and \( r \)”.

In the caption of Figure 5, the third equation should read \( dw/dt = f a^* x - (\gamma_1 + \gamma_2) w - pzw \).

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