Haugh, Jason M. 2002. *Biophys. J.* 82:591–604.

On p. 594, Table 1 is aligned incorrectly. The correct Table 1 is printed below.

TABLE 1 Dimensionless model parameters

Parameter	Definition*		Brief description	Estimated range†
	Two-state	Regulated supply		
κ	k_{RE}/D		Enzyme reaction rate constant	$10^{-3}-10^{3}$
η_R	$s^2 n_R$		Activated receptor density	$10^{-8}-10^{-1}$
η_{RE}	$s^2 n_{RE}$		Receptor-enzyme density	$10^{-8}-10^{-1}$
τ_{RE}	Dt_{RE}/s^2		Receptor-enzyme lifetime	$10-10^{7}$
Da	$(k_a+k_i)s^2/D$	$k_c s^2/D$	Bulk membrane rate constant	$10^{-7}-10^{-1}$
β	0	$(n_{RT}/n_R)\, k_{RT}/s^2 R_{T,0}$	Enhancement of substrate supply	No estimate

*See Fig. 1 for illustrations of the various rate processes.

†Parameter ranges are calculated as follows: k_{RE} is estimated using a k_{cat}/K_M range of 10^4-10^8 $(Ms)^{-1}$ and dividing by a confinement layer of ~3–10 nm; n_R and n_{RE} are estimated as $1-10^6$ molecules in a 10^3-μm^2 membrane; the rate constants k_i, k_c, and t_{RE}^{-1} are given a range spanning $0.01-100$ s^{-1}; other estimates are $s \sim 3-10$ nm, $D \sim 0.1-1$ $\mu m^2/s$.

On p. 595, Eq. 14 is incorrect. The correct Eq. 14 is:

$$\alpha = \kappa \frac{\Psi_{ss}(1)}{\bar{\Psi}_{ss}} + \frac{8}{\pi\tau_{RE}}\left[1 - \frac{\beta Da^*}{\kappa(1+\beta\eta_R)}\right] \times \int_0^\infty \frac{[1 - e^{-(\lambda^2+Da^*)\tau_{RE}}](\lambda^2 + Da^*)^{-2}\lambda\, d\lambda}{\left[J_0(\lambda) + \frac{2\pi\lambda J_1(\lambda)}{\kappa}\right]^2 + \left[Y_0(\lambda) + \frac{2\pi\lambda Y_1(\lambda)}{\kappa}\right]^2}. \quad (14)$$

On p. 598, Eq. 17 is incorrect. The correct Eq. 17 is:

$$\frac{\bar{n}_{S^*}}{n_{S,tot}} = \frac{k_a + k_{RE}^{eff} n_{RE}}{k_a + k_i + k_{RE}^{eff} n_{RE}} = \frac{\frac{k_a s^2}{D} + \alpha\eta_{RE}}{Da + \alpha\eta_{RE}}. \quad (17)$$

On p. 600, Eq. 18 is incorrect. The correct Eq. 18 is:

$$\frac{rate}{R_{T,0}} = \alpha\eta_{RE}\bar{\Psi}_{ss};\ \bar{\Psi}_{ss} = \frac{1+\beta\eta_R}{Da + \alpha\eta_{RE}}. \quad (18)$$