Equations 15 and 16 in the manuscript should read as follows:

$$a = \sigma_{Y_0}^2 \left(\frac{-1}{e^{\lambda t}-1} \left(\frac{1}{Nx_1} + \cdots + \frac{1}{Nx_N} \right) \right)^2 + \frac{2\sigma_{Y_0,t}\lambda k_{av}}{(e^{\lambda t}+e^{-\lambda t}-2)} \left(\frac{1}{Nx_1} + \cdots + \frac{1}{Nx_N} \right), \tag{15}$$

$$a = \sigma_{Y_0'}^2 \left(\frac{-1}{Y_0'^2(1-e^{\lambda t})} \left(\frac{y_1'}{Nx_1'} + \cdots + \frac{y_N'}{Nx_N'} \right) \right)^2 + \frac{2\sigma_{Y_0',t}\lambda k_{av}}{Y_0'^2(2-e^{\lambda t}-e^{-\lambda t})} \left(\frac{y_1'}{Nx_1'} + \cdots + \frac{y_N'}{Nx_N'} \right), \tag{16}$$

Equation 12 in the manuscript should read as follows:

$$\sigma_{Y_0',t} = -\frac{\sigma_{Y_0,t}}{Y_0^2} = \sigma_{Y_0'}^2 \frac{1+X'^*(1-e^{\lambda t})}{\lambda X'^* Y_0' e^{\lambda t}}, \tag{12}$$