Example:

\[ x_{\text{NOx dext}} = 1.08305 \text{ ppm} \]

\[ x_{\text{NOx bkgd}} = 0.12456 \text{ ppm} \]

\[ DF = 9.14506 \]

\[ x_{\text{NOx}} = 1.08305 - 0.12456 \cdot \left(1 - \left(\frac{1}{9.14506}\right)\right) = 0.97211 \text{ ppm} \]

(b) Except as specified in paragraph (c) of this section, determine the dilution factor, \( DF \), over the test interval using the following equation:

\[
DF = \frac{1}{\left(1 + \frac{\alpha}{2} + 3.76 \cdot \left(1 + \frac{\alpha}{4} - \frac{\beta}{2}\right)\right) \cdot (x_{\text{CO}_2} + x_{\text{NMHC}} + x_{\text{CH}_4} + x_{\text{CO}})}
\]

Eq. 1066.610-2