

Base level fuel economy =

1

$$\left[\begin{array}{l} \text{Fraction of total sales of configurations} \\ \text{tested represented by} \\ \text{configuration No. 1 sales} \end{array} \right] \left[\frac{1}{\text{Configuration} \\ \text{No. 1 fuel economy}} \right] + \left[\begin{array}{l} \text{Fraction of total sales} \\ \text{of configurations tested} \\ \text{represented by configuration} \\ \text{No. 2 sales} \end{array} \right] \left[\frac{1}{\text{Configuration} \\ \text{No. 2 1 fuel economy}} \right]$$