

$$N = 3$$

$$DF_1 = 14.40$$

$$t_1 = 505 \text{ s}$$

$$DF_2 = 24.48$$

$$t_2 = 867 \text{ s}$$

$$DF_3 = 17.28$$

$$t_3 = 505 \text{ s}$$

$$DF_w = \frac{505 + 867 + 505}{\left(\frac{1}{14.40} \cdot 505\right) + \left(\frac{1}{24.48} \cdot 867\right) + \left(\frac{1}{17.28} \cdot 505\right)} = 18.82$$