

$$\frac{R^2}{k-1}$$

$$\frac{(1-R^2)}{n-k}$$

paydaki R^2 yerine $\frac{\sum \hat{y}^2}{\sum y^2}$

paydadaki R^2 yerine $1 - \frac{\sum e^2}{\sum y^2}$

yazılacak.

$$\frac{\frac{\sum \hat{y}^2}{\sum y^2} / k-1}{\left(1 - 1 + \frac{\sum e^2}{\sum y^2}\right) / n-k} = \frac{\frac{\sum \hat{y}^2}{\cancel{\sum y^2}} / k-1}{\frac{\sum e^2}{\cancel{\sum y^2}} / n-k}$$

$$= \frac{\sum \hat{y}^2 / k-1}{\sum e^2 / n-k}$$