

$$F_{\text{test}} = \frac{\left(R^2_{\text{ur}} - R^2_{\text{r}} \right) / q}{\left(1 - R^2_{\text{ur}} \right) / (n - k - 1)}$$

R^2_{ur} unrestricted
 R^2_{r} restricted (H₀ imposed)
 q num. df # β 's tested
 $n - k - 1$ Sample Size # x 's (in unrestrict. model)

NBASAL:

$$R^2_{\text{ur}} = 0.4755$$

$$R^2_{\text{r}} = 0.1053$$

$$q = 2 ; n - k - 1 = 265$$

$$F_{\text{test}} = \frac{(0.4755 - 0.1053) / 2}{(1 - 0.4755) / 265} = 93.52$$