TRA UPS
$$SSB = \frac{1}{k} \cdot \frac{1}{k} \cdot (7.-7)^2 = M \underbrace{\frac{1}{k}}_{k-1} \cdot (7.-7)^2 = M \underbrace{\frac{1}{k}}_{k$$

$$\frac{1}{2} MSB = f(p) \qquad \frac{1}{2} DEFF = f(p)$$

$$\rho = 1 - \frac{M}{M-1} \cdot \frac{SSW}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{(SSTO - SSS)}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{M}{M-1} \cdot \frac{(K-1) MSB}{(KM-1) \cdot S^2}$$

$$\rho = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{M}{M-1} \cdot \frac{(K-1) MSB}{(KM-1) \cdot S^2}$$

$$\rho = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{M}{M-1} \cdot \frac{(K-1) MSB}{(KM-1) \cdot S^2}$$

$$\rho = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{M}{M-1} \cdot \frac{(K-1) MSB}{(KM-1) \cdot S^2}$$

$$\rho = 1 - \frac{M}{M-1} \cdot \frac{SSB}{SSTO} = 1 - \frac{M}{M-1} \cdot \frac{M}{M-1} \cdot \frac{(K-1) MSB}{(KM-1) \cdot S^2}$$

$$MSB = \frac{(km-1)}{m(n-1)} \cdot S^2 \left[1 + \rho(n-1) \right]$$

$$\frac{1}{1 - \frac{m}{m-1}} \left(1 - \frac{SSB}{SSTO}\right) = 1 - \frac{m}{m-1} + \frac{m}{m-1} \cdot \frac{SSB}{SSTO} = \frac{1}{m-1} \cdot \frac{m}{m-1} \cdot \frac{SSB}{SSTO} = \frac{1}{m-1} \cdot \frac{m}{m-1} \cdot \frac{SBB}{M}$$

$$\frac{1}{m-1} = -1 + \frac{m}{m-1} \cdot \frac{SSB}{SSTO} = -\frac{1}{m-1} + \frac{m}{m-1} \cdot \frac{SSB}{M} \cdot \frac{SBB}{M} \cdot \frac{SBB}{$$

ŒFF ≥ 1+ P(M-1)

M = 51 p = 0.05 $\Re F = 1 + 0.05 \cdot 50 = 1 + 2.5 = 3.5$

M=31 P=0,2 D= FF=7