$$S_{T} = \sum_{k=1}^{\infty} m_{k}^{2} - m_{y}^{2} = 196,947$$

$$S_{A} = \sum_{j=1}^{\infty} m_{k}^{2} (\overline{y_{j}} - \overline{y})^{2} = 170,16$$

$$S_{e} = S_{7} - S_{A} = 26,75$$

$$| S | dF | M8 | F-Nalue | F_{0,35} = 4,2565$$

$$COUTRY | 170,16 | S-1 | 85,08 | 28,65 | F_{0,55} (3-1;12-3)=4,2565$$

$$ERROR | 26,75 | 12-3 | 2,972 | W_{2} < 0;4,2565 > TOTAL | 196,917 | 12-1 | 17,9 | F-Nalue & W_{0,05} = >H_{0} ZAM.$$

$$\frac{\left(\overline{y_{3}}-\overline{y_{k}}\right)^{2}}{\frac{1}{K-1}}$$

$$\frac{S_{RES}^{2}\cdot\left(\frac{1}{N_{3}}+\frac{1}{N_{k}}\right)}{S_{RES}^{2}\cdot\left(\frac{1}{N_{3}}+\frac{1}{N_{k}}\right)}$$

RES_i =
$$19x - 76$$

 $\sum_{i=1}^{N} RES_{i}^{2} = -5,625$
 $\sum_{i=1}^{N} RES_{i}^{4} = 101,33$

$$SKEW = \frac{1}{n} \cdot \sum_{i=1}^{N} RES_{i}^{2} = -0.14$$

$$KURT = \frac{1}{n} \cdot \sum_{i=1}^{N} RES_{i}^{2} = 3 = -1.3$$

$$(\frac{1}{n} \cdot S_{e})^{\frac{1}{2}} = 3 = -1.3$$

Ho: Jux = Jus X=0,05

SRES = MSp

SUA + SUB

MA 7 Mc

w + wc

$$7B = \frac{n}{6} \left[SKEW^2 + \frac{1}{4} KURT^2 \right] = 0.8856$$

$$7B \sim N^2(2) \qquad \overline{W_{0,05}} = \langle 0; N_{0,05}^2(2) \rangle = \langle 0; 5,991 \rangle \quad 7B \in \overline{W_{0,05}} = \rangle NEZ.$$

$$S_{RES}^{2} = MS_{e} = 2,972$$

$$\frac{1}{m_{s}-1} \sum_{k=1}^{m_{s}} (m_{k} - m_{s})^{2} = S_{s}^{2} = \frac{1}{m_{s}-1} \left(\sum_{k=1}^{m_{s}} m_{k}^{2} - m_{s} m_{s}^{2} \right) m$$

$$S_{a}^{2} = 2,917$$

$$S_{b}^{2} = 4$$

$$S_{c}^{2} = 2,15$$

$$C = 1 + \frac{1}{3(k-1)} \left[\sum_{k=1}^{k} \frac{1}{m_{s}-1} - \frac{1}{m_{c}-k} \right] = 1,162$$

$$B \sim \mathcal{N}(k-1)$$

$$B - \frac{1}{C} \left[(m_{c}-k) \cdot ln(S_{eES}^{2}) - \sum_{j=1}^{k} (m_{s}-1) \cdot ln(S_{s}^{2}) \right] = 0,133$$

$$S \in W_{0,0S} = NEZ H_{o}$$