

Analýza rozptylu

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| $s_n^2(y)$ | $s_n^2(\bar{y}_i) + \overline{s_{n,i}^2(y)}$ |
| $S_C(y)$ | $S_M(y) + S_V(y)$ |
| $S_M(y)$ | $n \cdot s^2(\bar{y}_i)$ |
| $S_i(y)$ | $n_i \cdot s_i^2(y)$ |
| $S_V(y)$ | $\sum S_i(y)$ |
| $S_C(y)$ | $n \cdot s^2(y)$ |
| P_{yx}^2 | $\frac{s^2(\bar{y})}{s^2(y)} = \frac{S_M(y)}{S_C(y)}$ |
| F-test | <p>$H: \mu_1 = \mu_2 = \dots = \mu_k \rightarrow A: \mu_i \neq \mu_j$</p> $F = \frac{\frac{S_M(y)}{k-1}}{\frac{S_V(y)}{n-k}}$ <p>$W_\alpha: F \geq F_{1-\alpha}(k-1; n-k)$</p> |