$$\begin{split} p_i &= \frac{n_i}{n} & kn_i = \sum_{j=1}^i n_j & kp_i = \sum_{j=1}^i p_j & x_p = d_p + \frac{P - kp_{p-1}}{p_p} \cdot h \\ \overline{x} &= \frac{1}{\sum_{i=1}^k n_i} \cdot \sum_{i=1}^k x_i \cdot n_i & \overline{x}_h = \frac{n}{\sum_{i=1}^n 1} & \overline{x}_h = \sum_{i=1}^k \frac{n_i}{x_i} & \overline{x}_g = \sqrt[4]{\prod_{i=1}^n x_i} \\ \overline{d} &= \frac{1}{\sum_{i=1}^k n_i} \cdot \sum_{i=1}^n |x_i - \overline{x}| \cdot n_i & \overline{d} &= \frac{1}{\sum_{i=1}^k n_i} \cdot \sum_{i=1}^n |x_i - \overline{x}| \cdot n_i \\ S_x^2 &= \frac{1}{n} \cdot \sum_{i=1}^k (x_i - \overline{x})^2 \cdot n_i & S_x = \sqrt{S_x^2} & v_x = \frac{S_x}{\overline{x}} \\ I_{yx}^2 &= \frac{S_y^2}{S_y^2} = \sum_{i=1}^n (y_i' - \overline{y})^2 &= \sum_{i=1}^y y_i \cdot y_i' - n \cdot \overline{y}^2 \\ y' &= a_{yx} + b_{yx} \cdot x & x' = a_{xy} + b_{xy} \cdot y \\ r &= \frac{\sum_{i=1}^x x_i y_i - n \overline{x} \overline{y}}{\sqrt{\sum_i x_i^2 - n \overline{x}^2}} = \frac{S_{yy}}{N \cdot \sum_{i=1}^y n_i'} = \frac{S_{yy}}{S_x \cdot S_y} = \pm \sqrt{b_{yx} \cdot b_{xy}} \\ n'_y &= \frac{n_i \cdot n_j}{n} & \chi^2 &= \sum_{i=1}^x \sum_{j=1}^y \frac{(n_0 - n_0')^2}{n_0'} & \Phi^2 &= \frac{\chi^2}{n} \\ P &= \sqrt{\frac{\Phi^2}{1 + \Phi^2}} = \sqrt{\frac{\chi^2}{\chi^2 + n}} & C &= \sqrt{\frac{\Phi^2}{\min\{r - 1_i \cdot s - 1\}}} = \sqrt{\frac{\chi^2}{n \cdot \min\{r - 1_i \cdot s - 1\}}} \\ T &= \sqrt{\frac{\chi^2}{n \cdot \sqrt{(r - 1) \cdot (s - 1)}}} & V &= \frac{n \cdot n_{11} - n_y \cdot n_y}{\sqrt{n_y \cdot n_y \cdot n_y \cdot n_y} \cdot n_y} \\ P(A) &= \frac{n(A)}{n} & P\left(\bigcup_{i=1}^n A_i\right) = 1 - \prod_{i=1}^n [1 - P(A_i)] \\ P(X) &= \frac{e^{-\lambda}}{x!} & E(X) = D^2(X) = \lambda \\ P(X) &= \frac{e^{-\lambda}}{x!} & E(X) = D^2(X) = n \cdot \frac{M}{N} \cdot \left(1 - \frac{M}{N}\right) \cdot \left(\frac{N - M}{N - 1}\right) \\ \end{array}$$

$$\begin{split} E(X) &= \frac{\alpha + \beta}{2} \qquad D^2(X) = \frac{(\beta - \alpha)^2}{12} \\ U &= \frac{X - \mu}{\sigma} \qquad X = U \cdot \sigma + \mu \\ & \left\langle \overline{x} - u_{1 - \frac{\alpha}{2}} \cdot \frac{\sigma}{\sqrt{n}}; \ \overline{x} + u_{1 - \frac{\alpha}{2}} \cdot \frac{\sigma}{\sqrt{n}} \right\rangle \qquad n \geq \frac{\left(u_{1 - \frac{\alpha}{2}}\right)^2 \cdot \sigma^2}{\Delta^2} \\ & \left\langle (\overline{x}_1 - \overline{x}_2) - u_{1 - \frac{\alpha}{2}} \cdot \sqrt{\frac{\sigma_1^2 + \frac{\sigma_2^2}{n_2}}{n_1} + \frac{\sigma_2^2}{n_2}}; \ (\overline{x}_1 - \overline{x}_2) + u_{1 - \frac{\alpha}{2}} \cdot \sqrt{\frac{\sigma_1^2 + \frac{\sigma_2^2}{n_2}}{n_1}} \right\rangle \\ & U &= \frac{\overline{X} - \mu_0}{\sigma} \cdot \sqrt{n} \qquad U &= \frac{\overline{X}_1 - \overline{X}_2}{\sqrt{\frac{\sigma_1^2 + \sigma_2^2}{n_1} + \frac{\sigma_2^2}{n_2}}} \qquad \left\langle -\infty; -u_{1 - \frac{\alpha}{2}} \right\rangle \cup \left\langle u_{1 - \frac{\alpha}{2}}; \infty \right\rangle \end{split}$$