```
Abschließender Test zu Beschreibende Statistik
36_03_A_002
     \overline{x} = 25 , n = 11
      4 + < 22 , 3 + 22 , 4 + > 22 = > ×2 = 22
      Ersetze x = 43 durch x = 16
=> 5 * < 2Z 1 3 * 2Z 3 * > 2Z
                                                       = P Y3 = 22
        \bar{y} = \frac{11 \cdot 25 - 43 + 16}{11} = 22.5
 36-03- C-003
      n = 100
     x_{\text{mod}} = 37 , x_{\frac{1}{2}} = \frac{1}{2} (x_{50} + x_{51}) = \frac{1}{2} (36 + 37) = 36,5
                          X_{0.25} = \frac{1}{2} \left( x_{25} + x_{26} \right) = \frac{1}{2} \left( 34 + 34 \right) = 34
          x mod + x + x 0.25 = 107,5
  36_03_A_001
                                200-8 + 800-4 = 4,8
   n = 1000 \quad , \quad \vec{x} =
 36_04_B_002
        x = 40 , s= 5
         Sk = {i | |xi - 40| < 15}
                                            =P k = \frac{15}{5} = 3
         \frac{N(S_k)}{n} > 1 - \frac{1}{k^2} = 1 - \frac{1}{9} = 0.89
```

