Appendix 13

<center>**The Coefficient of the reliability**</center>

The coefficient of the reliability the first and second half group:

$$r1 = \frac{\sum X}{\sqrt{\sum X^2 \sum Y^2}}$$

$$r1 = \frac{4636}{\sqrt{5571 \times 3998}}$$

$$r1 = \frac{4636}{\sqrt{22272858}}$$

$$r1 = \frac{4636}{47194.41}$$

$$r1 = 0,98$$

The coefficient correlation of the whole items:

$$r = \frac{2r1}{1 + r1}$$

$$r = \frac{2 \times 0.98}{1 + 0.98}$$

$$r = \frac{1.96}{1.98}$$

$$r = 0.98$$