

$$Po = (\text{Concordant Observations}) / (\text{Total Annotations})$$
$$P_0 = 23 / 25 = 0,92$$
$$P_e = (\text{Sum of Your Marginal Proportions}) * (\text{Sum of Colleague's Marginal Proportions})$$
$$Pe = 0,00008602 \times 2 = 0,00017203$$
$$\text{Kappa (K)} = (\text{Po} - \text{Pe}) / (1 - \text{Pe})$$
$$(0.92 - 0,00017203) / (1 - 0,00017203) = 0,91998624$$
