Scott's pi for Intercoder Reliability for content analysis or coding

$$pi = \frac{\text{prop obs agree - prop exp agree}}{1 - \text{prop exp agree}}$$

$$\text{prop obs agree} = \frac{(\text{\# of raters}) * (\text{\# of same ratings})}{\text{total number of ratings (all raters)}}$$

prop exp agree = sum of prop^2 in each category

$$\text{prop in each category} = \frac{\text{\# of ratings in category}}{\text{total \# of rating}}$$