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

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

\[
\text{prop obs agree} = \frac{(\# \text{ of raters}) \times (\# \text{ of same ratings})}{\text{total number of ratings (all raters)}}
\]

\[
\text{prop exp agree} = \text{sum of prop}^2 \text{ in each category}
\]

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