$$RF = \frac{\dfrac{\sum_{i=1}^{N_{12}} \sum_{j=1}^{N_{2,i}} t_{2,i,j}}{N_{12}}}{\dfrac{\sum_{k=1}^{N_0} t_{0,k}}{N_0} + \dfrac{\sum_{i=1}^{N_{12}} t_{12,i}}{N_{12}}}$$