

Pairing Pitch Marissa van der Wel

I have created a pairing algorithm based on the Pearson algorithm. This algorithm allows you to correct for variance in user ratings, because it corrects using their mean rating. It also allows you to compare two people better because you only compare movies they've actually watched and doesn't use possible 0 values. After having calculated the similarity between two users using the Pearson algorithm, the best pairs are chosen. To do this we sort by best match declining, take the best match, and remove all matches containing people in this match. An uneven number of people is taken care of by afterwards matching the last person with their best match, and adding them to the group their match is already in.