Metrics For Matches, Mismatches, and Non-Matches

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Abstract: When performing record linkages it is important to know the extent to which one has identified (1) correct matches and (2) erroneous matches, or failed to match records that should be matched. In this talk, we review a number of metrics that have been proposed to measure such situations. We also describe the strengths and weaknesses of such metrics and discuss possible research problems in this area.