

Technical problems and their solutions

<i>Problem</i>	<i>Solution</i>
<i>Individual paper</i>	
Citation counts may be inaccurate	Apply advanced citation matching procedures coping with major discrepancies
<i>Authors</i>	
Homonym/synonym problem	Use verified bibliographies; let scholars check selected publications
<i>Institutions</i>	
Variations in institutional names in address data	Use verified bibliographies; de-duplicate names but let institutions check results
Institutions may be difficult to define	Use background information on institutions' structure
<i>Institutions and countries</i>	
In social sciences and humanities many articles do not contain addresses at all	Be careful in those disciplines drawing conclusions from address data
<i>Fields, disciplines</i>	
Subfield classification system based on journal categories may be less appropriate	Use additional clustering on a paper-by-paper basis, particularly for papers in multi- or interdisciplinary journals