Assessing the Accuracy of Google Translate to Allow Data Extraction From Trials Published in Non-English Languages

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CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 44 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.One of the strengths of systematic reviews is that they aim to include all relevant evidence. However, study eligibility is often restricted to the English language for practical reasons. Google Translate, a free Web-based resource for translation, has recently become available. However, it is unclear whether its translation accuracy is sufficient for systematic reviews. An earlier pilot study provided some evidence that data extraction from translated articles may be adequate but varies by language. To address several limitations of the pilot study, four collaborating Evidence-based Practice Centers conducted a more rigorous analysis of translations of articles from five languages. Systematic reviews conducted by the Agency for Healthcare Research and Quality (AHRQ) Evidence-based Practice Centers (EPCs) most commonly restrict literature searches to English language publications. In a sample of 10 recent Evidence Reports (numbers 189-198), 8 were restricted to English-language publications. One report included studies in languages for which the EPC had available fluency and only one reported not restricting by language. Among 28 other recent Comparative Effectiveness Reviews (CERs) with final or draft documents downloadable from the AHRQ...

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