Reviewer's report

**Title:** Increasing the Efficiency of Trial-Patient Matching: Automated Clinical Trial Eligibility Pre-Screening for Pediatric Oncology Patients

**Version:** 2  **Date:** 15 February 2015

**Reviewer:** Rachel L Richesson

**Reviewer's report:**

This manuscript is much improved and reads very well. It will be a valuable contribution to the journal.

Authors have diligently addressed all my previous concerns.

Minor change:

p. 11, line 212: "In practice some patients (e.g. patients who did not have historical enrollments) could be ineligible or every clinical trials..." (change 'every' to 'all' or make 'clinical trials' singular.

line 214 - add word 'the' before "...full-population case..")

p.17 - Kind of an abrupt ending. I would consider merging the 2 sentences on lines 326-328 by changing the phrase 'On the other hand' to 'however' .... That would make your final statement/conclusion feel more as a contribution to the literature/methods base than a limitation...

Nice work!

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.