Reviewer’s report

Title: A generic framework for web-based management of pseudonymized data

Version: 2 Date: 8 July 2015

Reviewer: Adolfo Muñoz Carrero

Reviewer’s report:

• Major Compulsory Revisions

There are no major Compulsory Revisions

• Minor Essential Revisions

1. This is an interesting paper about a hot topic in health informatics. It is well written and structured. But when I approached to it as a reader, with the hope of finding technical solutions for the problems I have in my team to develop information systems for secondary uses in health (which I think it’s the pretending objective of the paper) I found it a bit difficult to apply to my scenario and I’m afraid that this will be the same situation for the rest of the potential readers. The utility of the paper, in my opinion will be increased if the following questions were answered:

2. Including a short description of the German model by Pommerening will help to better understand the requirements proposed. The model proposed by ISO 25237 is more accessible.

3. Also a better description of the scenario will help to understand how to apply the framework to particular scenarios. For example:

4. - The repository of the data (backends) are the ones present in the organizations (hospitals, laboratories) or should they be created and populated in order to be used with the framework?

5. - Where the data came from? Are they in the organization systems and read in some way, or should they be introduced manually in the backends?

6. - How do you put together information from different systems and organizations?

7. Figure 7 needs some clarification

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