

The Table shows the questionnaire, score and quality evaluation criteria considered. Question 8 shows the results of the evaluation of the studies according to the criteria. The final score obtained is the result of the sum of the criteria evaluated for each article (-8 and +8). The scores obtained were not used to exclude studies from systematic mapping that scored poorly, rather it will be used to have more detailed information on the studies in future research.

Table. Questionnaire and scoring of the quality evaluation criteria.

#	Question	Score assigned to possible answers		
		+1	0	-1
C1	Does the study include a clear definition on the harmonization between Scrum and ISO 9001 or its variants?	Yes	partially	No
C2	Does the study propose a set of process elements described in detail to affirm that a harmonization of the agile Scrum approach and the ISO 9001 standard or its variants is being applied?	Yes	partially	No
C3	Does the study validate any proposal on the harmonization between Scrum and ISO 9001 or its variants?	Through a case study	Through a focus group	Not validated
C4	Does the study present in a clear and detailed way the results obtained after applying some harmonization between Scrum and the ISO 9001 standard or its variants?	Yes	partially	No
C5	Does the study contain detailed guides for the adoption, evaluation or improvement of the elements related to the harmonization between Scrum and ISO 9001 standard or its variants?	Yes	partially	No
C6	Has the study been published in a relevant journal, conference or congress?	Very relevant	Relevant (JCR between	Not relevant (JCR is less than 1.0 or

		(JCR <sup>1</sup> greater than 2.0).	1.0 and 2.0).	not listed).
C7	Has the study been cited by other authors (according to the Google Scholar citation index)?	By more than five authors.	Between one and five authors.	It has not been cited.
C8	Are the ideas raised modern and can they provide a new approach to make an integration between Scrum and ISO 9001 or its variants?	Yes	partially	No

---

<sup>1</sup> "Journal Citation Reports (JCR) es una base de datos multidisciplinar realizada por el Institute for Scientific Information (ISI), que permite de manera sistemática y objetiva, mediante datos estadísticos, determinar la importancia relativa de revistas dentro de sus categorías temáticas."