

Relevance of a Specialist in SLR for the SLR Protocol Elaboration

Kitchenham outlines that a Systematic Literature Review (SLR) comprises three main phases: Planning, Conducting, and Reporting Results. During the planning phase, an SLR protocol is created, which includes key information such as: (i) Research Objective; (ii) Research Questions; (iii) Database Selection; (iv) Search Process; and (v) Search Strings. When all these elements are well-defined, researchers are better positioned to obtain relevant results. However, one of the primary challenges is creating an effective SLR protocol, particularly when new researchers are involved. Hence, engaging an **SLR specialist** can be a solution to improve the protocol. Hence, this research seeks to determine whether the involvement of an SLR specialist can enhance the process of developing an SLR protocol, as well as to identify the associated benefits and challenges of their inclusion.

* Indica uma pergunta obrigatória

1. Consent *

I permit the use of the obtained responses for the post-doctoral research of Anderson Y. Iwazaki.

Marcar apenas uma oval.

☐ Yes

☐ No

Research

In the initial step of this research, we asked the students to identify the key phases in which the involvement of the SLR specialist was essential for defining the SLR protocol. They highlighted three main activities: (i) elaboration of the search string; (ii) development of the search strategy; and (iii) formulation of the inclusion/exclusion criteria.

2. 1. Counting on an SLR specialist in the team (i.e., which is composed of researchers interested in conducting that SLR) for the elaboration of the search string is relevant. *

Marcar apenas uma oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strong Agree

3. 2. Please justify. *

4. 3. Counting on an SLR specialist in the team for the definition of the search strategy is relevant. *

Marcar apenas uma oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strong Agree

5. 4. Please justify. *

6. 5. Counting on an SLR specialist in the team for the formulation of the inclusion/exclusion criteria is relevant. *

Marcar apenas uma oval.

1 2 3 4 5

Stro ☐ ☐ ☐ ☐ ☐ Strong Agree

7. 6. Please justify. *

8. 7. Do you think it is relevant to involve the SLR specialist in the elaboration of other elements of the SLR protocol? *

Marcar apenas uma oval.

☐ Yes

☐ No

9. 8. Which one? And why? *

10. 9. What are the main challenges of including an SLR specialist in the development of an SLR protocol? *

11. 10. The participation of an SLR specialist in the team can help the team to elaborate the SLR protocol more easily. *

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1 2 3 4 5

Totally Disagree ☐ ☐ ☐ ☐ ☐ Totally Agree

12. 11. Please justify. *

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