

DATA EXTRACTION QUESTIONS AND THEIR MAPPING TO RESEARCH
QUESTIONS

Section	ID	Extraction Question	RQ
Study Metadata and Context	Q1	What is the publication year?	–
	Q2	What is the venue (journal, conference)?	–
	Q3	What is the main objective of the study?	–
	Q4	What research method is used (empirical, theoretical, etc.)?	–
	Q5	What is the domain or application area?	–
	Q6	What countries are the authors affiliated with?	–
Definitions of Completeness	Q7	How is requirements completeness defined in the study?	RQ1
Detection of Incompleteness	Q8	What techniques or approaches are used to detect incompleteness? For each technique, list its name, description, and detection process.	RQ2
Quantifying Completeness	Q9	Does the study include metrics for completeness? For each metric, list its name, description, and how it is applied.	RQ3
Improvement of Completeness	Q10	Does the study provide methods to correct or improve incompleteness? For each method, list its name, description, and how the improvement is achieved.	RQ4
Tool Support	Q11	Is there a tool or prototype developed or evaluated?	RQ5
	Q12	What is the tool's purpose (detection, quantification, improvement)?	RQ5
	Q13	Describe Functionality	RQ5
	Q14	What is the development status of the tool (e.g., proposed, implemented, evaluated, or deployed)	RQ5
Use of AI or LLMs	Q15	Does the study use AI or large language models (LLMs)?	RQ6
	Q16	If yes, which specific models are used (e.g., BERT, GPT)?	RQ6
	Q17	What is the intended purpose of the AI/LLM usage (e.g., detection, measurement, quantification, or other)?	RQ6