

Table 1: Results of multiple choice survey questions in the five RE activities

Multiple choice question	Options	Number of voting groups in the five RE activities (17 groups in total)				
		RQ1	RQ2	RQ3	RQ4	RQ5
What are the sources of alternatives for decision-making in an RE activity? (Q3/Q13/Q23/Q33/Q43)	Directly using existing solutions	9	7	6	9	9
	Modifying existing solutions	15	16	16	14	12
	Formulating new solutions	6	9	10	6	5
	Others	1	0	0	0	1
What kind of evaluation method does your group usually adopt when evaluating alternatives for decision-making in an RE activity? (Q5/Q15/Q25/Q35/Q45)	Allocating weight for each dimension to be evaluated	5	8	6	4	4
	Scoring for alternatives	9	8	6	11	12
	Formulating evaluation criteria	9	7	7	5	7
	Others	0	2	0	0	1
How does your group choose solutions for decision-making in an RE activity? (Q6/Q16/Q26/Q36/Q46)	Selecting the first solution that meets the requirements, and no longer considering other solutions	2	1	0	1	2
	Considering partial solutions, and choosing the best solution (local optimal solutions)	9	11	14	11	7
	Considering as much as possible solutions, and choosing the optimal solution (globally optimal solution)	9	6	5	6	11
	Others	0	0	0	0	0