

## APPENDIX A – ALGORITHMS QUESTIONNAIRE

### A.1 PREFERRED OBJECTIVES

Number of Products	Alive Mutants	Uncovered Pairs	Similarity	Cost	Unselected Features	Unimportant Features
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### A.2 MANUALLY

**Question 1:** Solution:

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**Question 2:** Motivation:

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**Question 3:** Time:

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**Question 4:** How difficult was it to select this solution?

very difficult	difficult	neutral	easy	very easy
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### A.3 NSGA-II

**Question 1:** Solution:

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**Question 2:** Motivation:

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**Question 3:** Time:

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**Question 4:** How difficult was it to select this solution?

very difficult	difficult	neutral	easy	very easy
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## A.4 R-NSGA-II

**Question 1:** Solution:

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**Question 2:** Motivation:

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**Question 3:** Time:

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**Question 4:** How difficult was it to select this solution?

very difficult	difficult	neutral	easy	very easy
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## A.5 COR-NSGA-II

**Question 1:** Solution:

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**Question 2:** Motivation:

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**Question 3:** Time:

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**Question 4:** How difficult was it to select this solution?

very difficult	difficult	neutral	easy	very easy
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## A.6 GENERAL QUESTIONS

**Question 1:** What is the best algorithm regarding to the total execution time? Enumerate your preferences where 1 means the best algorithm and so on.

( ) COR-NSGA-II

( ) R-NSGA-II

( ) NSGA-III

( ) Manually

**Question 2:** Do you think the order of the algorithm execution impacts in your responses? Please comment.

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**Question 3:** Further Comments.

*Suggestions to improve the tool? Were the questions easy to understand? Did you have enough time to finish the activity? What were the most difficult or easiest tasks in the activities? etc.*

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