

# System Evaluation

Thank you for taking the time to help with the evaluation of this system.

## User Information

Name: \_\_\_\_\_ Age: \_\_\_\_\_ Date \_\_\_\_\_

Student: Y / N Music Background: Y / N CS Background: Y / N

## Background Information

Please indicate your familiarity with the following. ('10' indicating very familiar with, and '0' indicating not familiar with at all)

### Performance

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

### Composition

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

### Drumming

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

### Electronic Music

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

### Electronic Controllers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

### Sequencers

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	2	3	4	5	6	7	8	9	10

## Section 1: Instructed Use

### System-A

Please rate how coherent the computer beats were in relation to other beats already input.

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐  
 0 1 2 3 4 5 6 7 8 9 10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### System-B

Please rate how coherent the computer beats were in relation to other beats already input.

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐  
 0 1 2 3 4 5 6 7 8 9 10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### Questions

Which of the systems (A or B) better provided beats that fit with the other rhythms on the sequencer?

System-A.....☐  
 System-B.....☐  
 Indistinguishable .....☐

Which of the systems (A or B) would you rate as more musically competent?

System-A.....☐  
 System-B.....☐  
 Indistinguishable .....☐

Which of the systems (A or B) did you prefer when completing this series of tasks?

System-A.....☐

System-B.....☐

No preference.....☐

## Section 2: Open Instructed

### System-A

Please rate how coherent the computer beats were in relation to other beats already input.

☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐  
 0   1   2   3   4   5   6   7   8   9   10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### System-B

Please rate how coherent the computer beats were in relation to other beats already input.

☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐  
 0   1   2   3   4   5   6   7   8   9   10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### Questions

Which of the systems (A or B) better provided beats that fit with the other rhythms on the sequencer?

System-A.....☐  
 System-B.....☐  
 Indistinguishable .....☐

Which of the systems (A or B) would you rate as more musically competent?

System-A.....☐  
 System-B.....☐  
 Indistinguishable .....☐

Which of the systems (A or B) did you prefer when completing this series of tasks?

System-A.....☐

System-B.....☐

No preference.....☐

## Section 3: Open

### System-A

Please rate how coherent the computer beats were in relation to other beats already input.

☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐  
 0   1   2   3   4   5   6   7   8   9   10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### System-B

Please rate how coherent the computer beats were in relation to other beats already input.

☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐  
 0   1   2   3   4   5   6   7   8   9   10

Please rate the computer beat input from 1 to 5 for each of the following metrics.

	1	2	3	4	5	
Nonmusical						Musical
Dull						Interesting
Trivial						Complex
Random						Structured
Expected						Surprising
Unsatisfying						Satisfying

### Questions

Which of the systems (A or B) did you prefer when creating beats?

System-A.....☐  
 System-B.....☐  
 No preference.....☐

Which of the systems (A or B) better aided in creating beats?

System-A.....☐  
 System-B.....☐  
 Indistinguishable .....☐

## General Evaluation

Which of the systems (A or B) would you rate as more musically intelligent?

System-A.....☐

System-B.....☐

Indistinguishable ..... ☐

Which of the systems (A or B) would you expect a musician to be more likely to use in performance and/or composition?

System-A.....☐

System-B.....☐

No preference.....☐

If you showed a strong preference of either System-A or System-B, describe why.

Do you think a system like this would be useful to a musician in *composition*?

Yes.....☐

No ..... ☐

Why or why not? If yes, describe how a musician might use it.

Do you think a system like this would be useful to a musician in *performance*?

Yes.....☐

No ..... ☐

Why or why not? If yes, describe how a musician might use it.

Describe how this system might be extended, enhanced, or altered to be more useful to a musician.

What are your thoughts on the use of an intelligent computer agent in music composition and live performance?

If you were responsible for naming this system, what would you call it?