
Default Question Block

To complete this survey, please first provide your contact information so we can record your response and indicate your preference for the complexity measurement methods suggested. We ask for some identifying information below to prevent duplicate responses and comply with institutional review board standards, but no identifying information will be kept with your response.

This survey will close at exactly 11:55pm on March 31st, and no late requests will be considered. Please submit your response by that time. Additionally, please do not attempt to submit multiple responses to this survey.

Email Address

Last Name

First Name

Are you over the age of 18 years old?

☐ Yes

☐ No

This survey will ask you about your preferences for the complexity measurements methods already implemented. The basic methodology currently is to set a point value between 1 and 10 for each note and each interval. Every occurrence of that note or interval receives that amount of points. Each point amount is then multiplied by a point value greater than 0 for the articulation, dynamic, duration (combination of tempo and note length), and key signature associated with the note or interval. Four total multipliers are applied (one each for articulations, dynamics, duration, and key signature). All the notes and intervals with associated multipliers are added together, and the total is the overall complexity measurement given to the piece of music.

The idea here is to reduce both the mental or cognitive complexity as well as the mechanical motions down to a single number for all of the musical elements listed above (notes, intervals, articulations, dynamics, duration, and key signature). By combining these simple building blocks, we can generate an accurate measurement for the overall complexity of a large piece of music.

The following questions will ask you about your overall thoughts on the methodology presented.

Do you agree with the overall methodology presented to measure the complexity of pieces of music?

For reference, that methodology is included again below:

The basic methodology currently is to set a point value between 1 and 10 for each note and each interval. Every occurrence of that note or interval receives

that amount of points. Each point amount is then multiplied by a point value greater than 0 for the articulation, dynamic, duration (combination of tempo and note length), and key signature associated with the note or interval. Four total multipliers are applied (one each for articulations, dynamics, duration, and key signature). All the notes and intervals with associated multipliers are added together, and the total is the overall complexity measurement given to the piece of music.

Strongly Agree Agree Neither Agree
Nor Disagree Disagree Strongly Disagree

☐ ☐ ☐ ☐ ☐

Do you agree with assigning point values to notes and intervals and multiplier values to articulations, dynamics, duration, and key signature?

Strongly Agree Agree Neither Agree
Nor Disagree Disagree Strongly Disagree

☐ ☐ ☐ ☐ ☐

If the methodology was changed such that articulations, dynamics, duration, and key signature each received point values instead of multiplier values, and each of these were added into the overall measurement along with notes and intervals, would you feel that the complexity measurement would become more or less accurate to your experience?

Much More Somewhat More Neither More Nor Somewhat Less Much Less
Accurate Accurate Less Accurate Accurate Accurate

☐ ☐ ☐ ☐ ☐

Do you agree that the complexity of both notes and intervals is affected by the articulations, dynamics, duration, and key signature or does this complexity only affect individual notes?

Strongly Agree (Both Notes and Intervals)	Somewhat Agree (Both Notes and Intervals)	Neither Agree Nor Disagree	Somewhat Agree (Only Notes)	Strongly Agree (Only Notes)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What do you like most about the methodology presented?

What do you like least about the methodology presented?

The following questions will ask about your preferences for the point values of notes.

We have set the following point values for notes on the standard clarinet for beginning level musicians. Here, point values go from 1 to 10. 1 is the lowest or easiest and 10 is the highest or hardest. Please reference these when answering the next questions.

G3 to G4: 1

A4: 2

B4 to C5: 5

C#5 and above: 10

All others: 10 (default highest value)

For the standard clarinet, do you feel that these ranges of notes appropriately cover the correct ranges for beginners?

Strongly Agree Agree Neither Agree
Nor Disagree Disagree Strongly Disagree

☐ ☐ ☐ ☐ ☐

If you think there should be any additional ranges covered for beginners on standard clarinet, please list those ranges below:

Do you feel that the point value of 1 is accurate for the range of notes G3 to G4 on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to the range G3 to G4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
G3 to G4										

Do you feel that the point value of 2 is accurate for the range of notes A4 on

standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to the range A4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
A4										

Do you feel that the point value of 5 is accurate for the range of notes B4 to C5 on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to the range B4 to C5 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
B4 to C5										

Do you feel that the point value of 10 is accurate for the range of notes C#5 and above on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the range C#5 and above on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
C#5 and above										

Do you feel that the point value of 10 is accurate for all other notes on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to all other notes on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
All other notes										

The following questions will ask about your preferences for the point values of intervals.

We have set the following point values for intervals on the standard clarinet for beginning level musicians. Here, point values go from 1 to 10. 1 is the lowest or easiest and 10 is the highest or hardest. Please reference these when answering the next questions.

Unisons in any range: 1

Seconds in the range G3 to G4: 2

Thirds in the range G3 to G4: 3

Fourths in the range G3 to G4: 4

Fifths in the range G3 to G4: 5

Sixths in any range: 9

Sevenths in any range: 9

Eighths (octaves) in any range: 9

Any interval in the range B4 to C5: 8

Any interval in the range C#5 and above: 10

Any interval greater than an octave in any range: 10

All others: 10 (default highest value)

For the standard clarinet, do you feel that these intervals appropriately cover the correct ranges for beginners?

Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you think there should be any additional ranges covered for beginners on standard clarinet, please list those ranges below:

Do you feel that the point value of 1 is accurate for the unison interval in any range on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the unison interval in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Unisons in any range										

Do you feel that the point value of 2 is accurate for the seconds interval in the range G3 to G4 on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the seconds interval in the range G3 to G4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Seconds in the range G3 to G4										

Do you feel that the point value of 3 is accurate for the thirds interval in the range G3 to G4 on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the thirds interval in the range G3 to G4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Thirds in the range G3 to G4										

Do you feel that the point value of 4 is accurate for the fourths interval in the range G3 to G4 on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the fourths interval in the range G3 to G4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Fourths in the range G3 to G4										

Do you feel that the point value of 5 is accurate for the fifths interval in the range G3 to G4 on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to the fifths interval in the range G3 to G4 on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Fifths in the range G3 to G4										

Do you feel that the point value of 9 is accurate for the sixths interval in any range on standard clarinet as a beginner?

- ☐ Yes
- ☐

No

What point value would you ascribe to the sixths interval in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Sixths interval in any range										

Do you feel that the point value of 9 is accurate for the sevenths interval in any range on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the sevenths interval in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Sevenths interval in any range										

Do you feel that the point value of 9 is accurate for the eighths or octaves interval

in any range on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to the eighths or octaves interval in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Eighths or octaves interval in any range										

Do you feel that the point value of 10 is accurate for any interval greater than an octave in any range on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What point value would you ascribe to any interval greater than an octave in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Any interval greater than an octave in any										

range

Do you feel that the point value of 10 is accurate for all other intervals on standard clarinet as a beginner?

☐ Yes

☐ No

What point value would you ascribe to the sixths interval in any range on standard clarinet as a beginner?

	1	2	3	4	5	6	7	8	9	10
Sixths interval in any range										

The following questions will ask about your preferences for the multiplier values of articulations.

We have set the following multiplier values for articulations on the standard clarinet for beginning level musicians. Here, point values can be anything above 0. Lower is easier and higher is more difficult. Please reference these when answering the next questions.

No articulations (standard tonguing): 1

Staccato: 1.2

Tenuto: 1.2

Slur: 0.5

Accented: 1.1

Marcato or strong accent: 1.4

All others: 1.5

For the standard clarinet, do you feel that this range of articulations appropriately cover the correct ranges for beginners?

Strongly Agree Agree Neither Agree
Nor Disagree Disagree Strongly Disagree

☐ ☐ ☐ ☐ ☐

If you think there should be any additional articulations covered for beginners on standard clarinet, please list those ranges below:

Do you feel that the multiplier value of 1 is accurate for no articulations or standard tonguing on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to no articulations or standard tonguing on standard clarinet as a beginner?

0 1 2 3 4 5

No articulations
or standard
tonguing

Do you feel that the multiplier value of 1.2 is accurate for staccato on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to staccato on standard clarinet as a beginner?

	0	1	2	3	4	5
Staccato						

Do you feel that the multiplier value of 1.2 is accurate for tenuto on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to tenuto on standard clarinet as a beginner?

	0	1	2	3	4	5
Tenuto						

Do you feel that the multiplier value of 0.5 is accurate for slur on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to slur on standard clarinet as a beginner?

	0	1	2	3	4	5
Slur						

Do you feel that the multiplier value of 1.1 is accurate for accent on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to accent on standard clarinet as a beginner?

	0	1	2	3	4	5
Accent						

Do you feel that the multiplier value of 1.4 is accurate for marcato or strong accent on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to marcato or strong accent on standard clarinet as a beginner?

	0	1	2	3	4	5
Marcato or strong accent						

Do you feel that the multiplier value of 1.5 is accurate for all other articulations on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to all other articulations on standard

clarinet as a beginner?

	0	1	2	3	4	5
All other articulations						

The following questions will ask about your preferences for the multiplier values of dynamics.

We have set the following multiplier values for dynamics on the standard clarinet for beginning level musicians. Here, point values can be anything above 0. Lower is easier and higher is more difficult. Please reference these when answering the next questions.

MF: 1

MP: 1

F: 1.1

FF: 1.2

P: 1.3

PP: 1.5

All others: 1.5

For the standard clarinet, do you feel that this range of dynamics appropriately cover the correct ranges for beginners?

Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you think there should be any additional dynamics covered for beginners on standard clarinet, please list those ranges below:

Do you feel that the multiplier value of 1 is accurate for MF (mezzo forte) on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to MF on standard clarinet as a beginner?

	0	1	2	3	4	5
MF						

Do you feel that the multiplier value of 1 is accurate for MP (mezzo piano) on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to MP on standard clarinet as a beginner?

	0	1	2	3	4	5
MP						

Do you feel that the multiplier value of 1.1 is accurate for F (forte) on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to F on standard clarinet as a beginner?

	0	1	2	3	4	5
F						

Do you feel that the multiplier value of 1.2 is accurate for FF (fortissimo) on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to FF on standard clarinet as a beginner?

	0	1	2	3	4	5
FF						

Do you feel that the multiplier value of 1.3 is accurate for P (piano) on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to P on standard clarinet as a beginner?

	0	1	2	3	4	5
P						

Do you feel that the multiplier value of 1.5 is accurate for PP (pianissimo) on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to PP on standard clarinet as a beginner?

	0	1	2	3	4	5
PP						

Do you feel that the multiplier value of 1.5 is accurate for all other dynamics on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to all other dynamics on standard clarinet as a beginner?

	0	1	2	3	4	5
All other dynamics						

The following questions will ask about your preferences for the multiplier values of key signatures.

We have set the following multiplier values for key signatures on the standard clarinet for beginning level musicians. Here, point values can be anything above 0. Lower is easier and higher is more difficult. Please reference these when answering the next questions.

C: 1

G: 1.1
D: 1.1
A: 1.2
E: 1.3
B: 1.4
F#: 1.5
C#: 1.6
F: 1.1
Bb: 1.1
Eb: 1.2
Ab: 1.3
Db: 1.4
Gb: 1.5
Cb: 1.6

Do you feel that the multiplier value of 1 is accurate for the key of C on standard clarinet as a beginner?

- ☐ Yes
☐ No

What multiplier value would you ascribe to the key of C on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of C						

Do you feel that the multiplier value of 1.1 is accurate for the key of G on

standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to the key of G on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of G						

Do you feel that the multiplier value of 1.1 is accurate for the key of D on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to the key of D on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of D						

Do you feel that the multiplier value of 1.2 is accurate for the key of A on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to the key of A on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of A						

Do you feel that the multiplier value of 1.3 is accurate for the key of E on standard clarinet as a beginner?

- ☐ Yes
- ☐ No

What multiplier value would you ascribe to the key of E on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of E						

Do you feel that the multiplier value of 1.4 is accurate for the key of B on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of B on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of B						

Do you feel that the multiplier value of 1.5 is accurate for the key of F# on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of F# on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of F#						

Do you feel that the multiplier value of 1.6 is accurate for the key of C# on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of C# on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of C#						

Do you feel that the multiplier value of 1.1 is accurate for the key of F on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of F on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of F						

Do you feel that the multiplier value of 1.1 is accurate for the key of Bb on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Bb on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of Bb						

Do you feel that the multiplier value of 1.2 is accurate for the key of Eb on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Eb on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of Eb						

Do you feel that the multiplier value of 1.3 is accurate for the key of Ab on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Ab on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of Ab						

Do you feel that the multiplier value of 1.4 is accurate for the key of Db on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Db on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of Db						

Do you feel that the multiplier value of 1.5 is accurate for the key of Gb on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Gb on standard clarinet as a beginner?

	0	1	2	3	4	5
Key of Gb						

Do you feel that the multiplier value of 1.6 is accurate for the key of Cb on standard clarinet as a beginner?

☐ Yes

☐ No

What multiplier value would you ascribe to the key of Cb on standard clarinet as a beginner?

	0	1	2	3	4	5

Key of Cb

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Thank you for completing the survey and for providing your feedback!

If you have any final comments or feedback, please feel free to leave it below.

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