

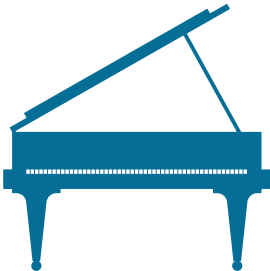




**JOHANNES KEPLER  
UNIVERSITY LINZ**







The *Con* *Es* *pression* Game

## Question 1: Franz Liszt – "Bagatelle sans Tonalite, S. 216a"

Please listen to these excerpts, in any order, and as many times as you wish. Please, think of words (if possible, adjectives) that best describe the character of each performance to you. Concentrate on the performative aspects and not on the piece itself. Enter your response in the boxes to the right. You may enter as many words as you wish.

To be able to submit your responses, please fill in all the boxes.

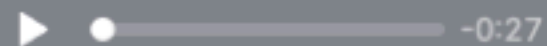
You can also select the performance that you liked best by clicking on one of the radio buttons in the rightmost column.

1



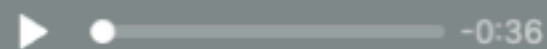
☐ Best

2



☐ Best

3



☐ Best

4



☐ Best

Save and next





















































































































































































# The *Con Espressione* Game

Questionnaire on Music Expressivity

Question 1: Franz Liszt – "Bagatelle sans Tonalite, S. 216a"

Please listen to these excerpts, in any order, and as many times as you wish. Please, think of words (if possible, adjectives) that best describe the character of each performance to you. Concentrate on the performative aspects and not on the piece itself. Enter your response in the boxes to the right. You may enter as many words as you wish.

To be able to submit your responses, please fill in all the boxes.

You can also select the performance that you liked best by clicking on one of the radio buttons in the rightmost column.

1	<div><div></div><div>-0:28</div></div>	<div>slow, sad, clear phrasing</div>	<div><input type="radio"/> Best</div>
2	<div><div></div><div>-0:27</div></div>	<div>soft, tender</div>	<div><input type="radio"/> Best</div>
3	<div><div></div><div>-0:36</div></div>	<div>flowing, mobile, deliberate, calm, rounded</div>	<div><input type="radio"/> Best</div>
4	<div><div></div><div>-0:35</div></div>	<div>mellow, gentle</div>	<div><input type="radio"/> Best</div>

Save and next





<sup>4</sup>RITMO Centre for Interdisciplinary Studies in Rhythm, Time and Motion, University of Oslo, Norway

Composer	Piece	#	Pianists
Bach	Prelude No.1 in C, BWV 846 (WTC I)	7	Gieseking, Gould, Grimaud, Kempff, Richter, Stadtfeld, MIDI
Mozart	Piano Sonata K.545 C major, 2nd mvt.	5	Gould, Gulda, Pires, Uchida, MIDI
Beethoven	Piano Sonata Op.27 No.2 C# minor, 1st mvt.	6	Casadesus, Lazić, Lim, Gulda, Schiff, Schirmer
Schumann	Arabeske Op.18 C major (excerpt 1)	4	Rubinstein, Schiff, Vorraber, Horowitz
Schumann	Arabeske Op.18 C major (excerpt 2)	4	Rubinstein, Schiff, Vorraber, Horowitz
Schumann	Kreisleriana Op.16; 3. Sehr aufgeregt (ex 1)	5	Argerich, Brendel, Horowitz, Vogt, Vorraber
Schumann	Kreisleriana Op.16; 3. Sehr aufgeregt (ex 2)	5	Argerich, Brendel, Horowitz, Vogt, Vorraber
Liszt	Bagatelle sans tonalité, S.216a	4	Bavouzet, Brendel, Katsaris, Gardon
Brahms	4 Klavierstücke Op.119, 2. Intermezzo E minor	5	Angelich, Ax, Serkin, Kempff, Vogt

Dimension 1				Dimension 2			
positive correlation		negative correlation		positive correlation		negative correlation	
hectic	0.17	sad	-0.20	rushed	0.22	hard	-0.19
staccato	0.15	gentle	-0.18	nervous	0.20	stumbling	-0.18
hasty	0.15	tender	-0.18	too fast	0.17	staccato	-0.17
agitated	0.14	calm	-0.16	bit	0.16	ponderous	-0.14
irregular	0.14	graceful	-0.16	hasty	0.15	monotonous	-0.13
Dimension 3				Dimension 4			
positive correlation		negative correlation		positive correlation		negative correlation	
monotonous	0.22	heavy	-0.14	ok	0.24	cold	-0.13
bad	0.17	graceful	-0.13	happy	0.21	warm	-0.14
warm	0.16	smooth	-0.12	joyful	0.19	floating	-0.14
peaceful	0.16	ponderous	-0.12	free	0.15	blurred	-0.14
beautiful	0.15	soaring	-0.10	breathy	0.14	mysterious	-0.13



# The *Con Espressione* Game Dataset

- Listener's descriptions (>1500 individual descriptions)
- Listener's preferences (which performance of each piece was their favorite)
- A few questions on musical background of the participants (years of musical education, if they listen to classical music, if/how well they play piano)
- Manually corrected Score-to-performance alignments
  - synthesized MIDI data
  - Match files
  - Symbolic scores in MusicXML
- Audio features: loudness curves and magnitude spectrograms

