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The title

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- 6 must be indented, like this line.
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- The authors made the following contributions. Atsuko Tominaga: Conceptualization,
- Writing Original Draft Preparation, Writing Review & Editing; Günther Knoblich:
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TITLE 2

Abstract 14

One or two sentences providing a basic introduction to the field, comprehensible to a 15

scientist in any discipline. 16

Two to three sentences of more detailed background, comprehensible to scientists 17

in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular 19

study. 20

One sentence summarizing the main result (with the words "here we show" or their 21

equivalent).

Two or three sentences explaining what the main result reveals in direct comparison 23

to what was thought to be the case previously, or how the main result adds to previous

knowledge.

One or two sentences to put the results into a more **general context**. 26

Two or three sentences to provide a **broader perspective**, readily comprehensible to 27

a scientist in any discipline. 28

Keywords: keywords 29

Word count: X 30

TITLE 3

The title

32 Introduction

33 Methods

Participants

20 participants were recruited who —. Most participants were right-handed (left: —).

The mean age of the participants was — (SD = -). They had — years of practice on

³⁷ average. All participants were recruited through an online participant platform (SONA

system, https://www.sona-systems.com). The study (No. —) was approved by the

³⁹ Psychological Research Ethics Board (PREBO) CEU PU in Austria.

40 Apparatus and stimuli

- The experiment was programmed in Max/MSP (—;
- https://cycling74.com/products/max) on a Mac Book Pro with Mac OS X Catalina 10.15.6.
- 43 A weighted Yamaha MIDI digital piano was used to record participants' performance. All
- 44 auditory feedback was given to participants through headphones (Audio-Technica
- ⁴⁵ ATH-M50X). Sheet music was displayed on a computer monitor in front of the participants.
- Clementi's Sonatina Op.36 (No.3) in C major was selected as a stimulus because it contains our targeted expressions (i.e., articulation and dynamics) because it is relatively simple in terms of motor skills. The first 12 measures of the original piece were used and modified so that the piece had an almost equal number of data points for each dependent variable. The modified piece consisted of a 12-measure isochronous melody notated in 4/4 meter to be played with the right hand only. Original sheet music was used for the purpose of practice (Fig A). Two expressive notations were added to the original sheet music for the experiment (Fig B). These excerpts were confirmed to be musically natural by a doctoral student in piano performance at Liszt Ferenc Academy of Music in Hungary. The fingering was also assigned and confirmed by the same doctoral student.

TITLE 4

56 Procedure

Prior to the experiment, participants were required to memorise the piece so that they

had enough time to practise and performed it without pitch errors while implementing

59 notated expressions in the experiment.

Data analysis

In each performance (trial), the pitch, onset and offset time of each note, and key

velocity profiles were obtained from MIDI data using Max/MSP patchers. We quantified

63 performances in terms of tempo,

Results

Discussion