
The accuracy of the estimate of the duration of the sounding of consonances and dissonances

S.N. Kramarova

Performance fidelity of musicians and non-musicians while reproduction of durations of consonance and dissonance chords of varying pitch was measured in the experiment. The duration varied from 0,5 ÷ 2 s, height - in the range of 1 ÷ 7 octaves in steps 2 octaves. The duration influence on the accuracy was similar to the one in the experiment with the single sound. Influence of chords pitch manifested differently in musicians and non-musicians. Analysis of emotional evaluations consonance and dissonance showed that jazz musicians retained the predominance of negative assessments of dissonance, typical for ordinary listeners.

Keywords: dissonance, consonance, pitch, emotional evaluation, precision perception of duration.

Information about the author

S.N. Kramarova – Psychologist of the first category, Senior lecturer of the Psychology Department at the State University "Dubna".

E-mail: munipo-centre@yahoo.com