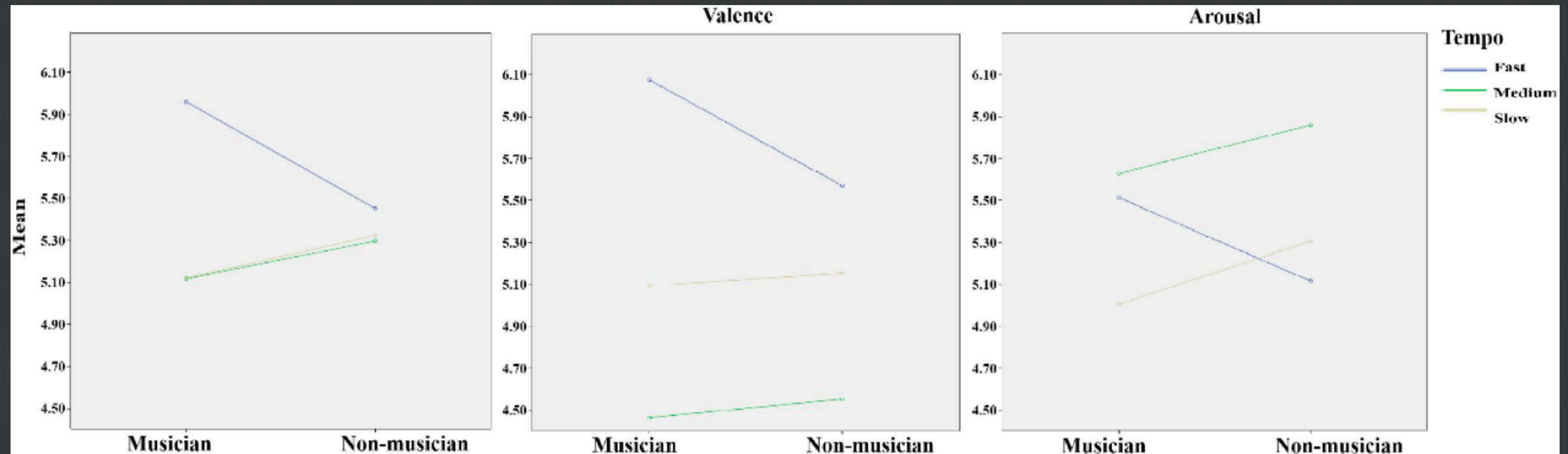


The influence of musical training experience



The panel (Left) shows the mean scores of musicians' and non-musicians' emotional responses to fast, medium, and slow music. The panel (Middle) shows the valence scores of musicians' and non-musicians' emotional responses to fast, medium, and slow music. The panel (Right) shows the arousal scores of musicians' and non-musicians' emotional responses to fast, medium, and slow music.

Influence of musical style

- ☐ **According to some previous questionnaire studies, classical music induces the highest degree of individual pleasure, rock music induces the highest degree of arousal, and pop music ranks after the first two in both pleasure and arousal degree.**
- ☐ **In this experiment, only pop music activated the superior temporal gyrus and supplementary motion areas. The superior temporal gyrus is the core area of auditory information processing, and the auxiliary motion area is an important brain area involved in music performance, appreciation and imagination.**