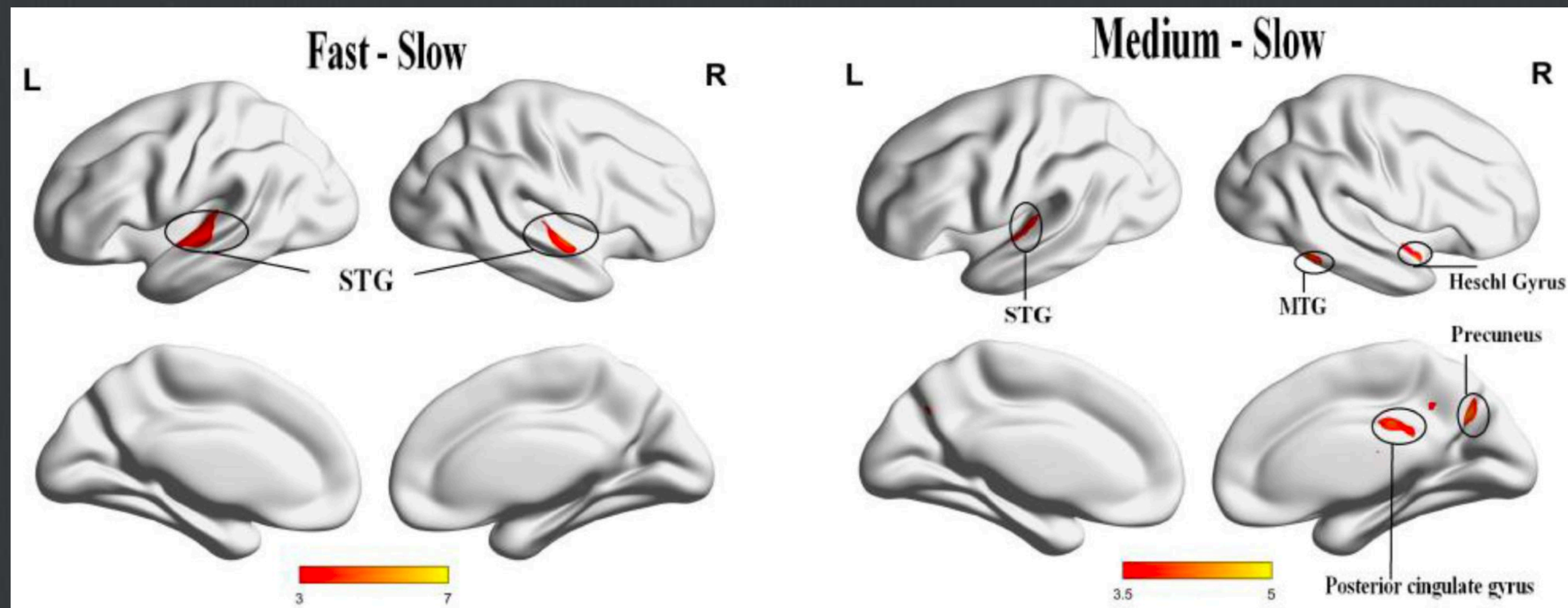


# The influence of tempo

- Both musical arousal and pleasantness increased significantly with increasing speed.



The panel (Left) result of comparison shows the positive activation of fast music to slow music in bilateral STG. The panel (Right) result of comparison shows the positive activation of medium music to slow music in right HG, right precuneus, right MTG, right PCC, right IPL, left STG, and left culmen.



# The influence of rhythm pattern

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- ☐ The study selected 2/4, 3/4, 4/4 and 6/8 beats as experimental variables.
- ☐ Among them, 4/4 beats had the highest scores on arousal and pleasure, and only 4/4 beats produced significant positive stimulation of bilateral superior temporal gyrus and left auxiliary motion area.
- ☐ Several other experiments have shown similar results, presumably because 4/4 beat is most common in popular music. Musical familiarity is higher, resulting in a more pronounced emotional response from listeners.