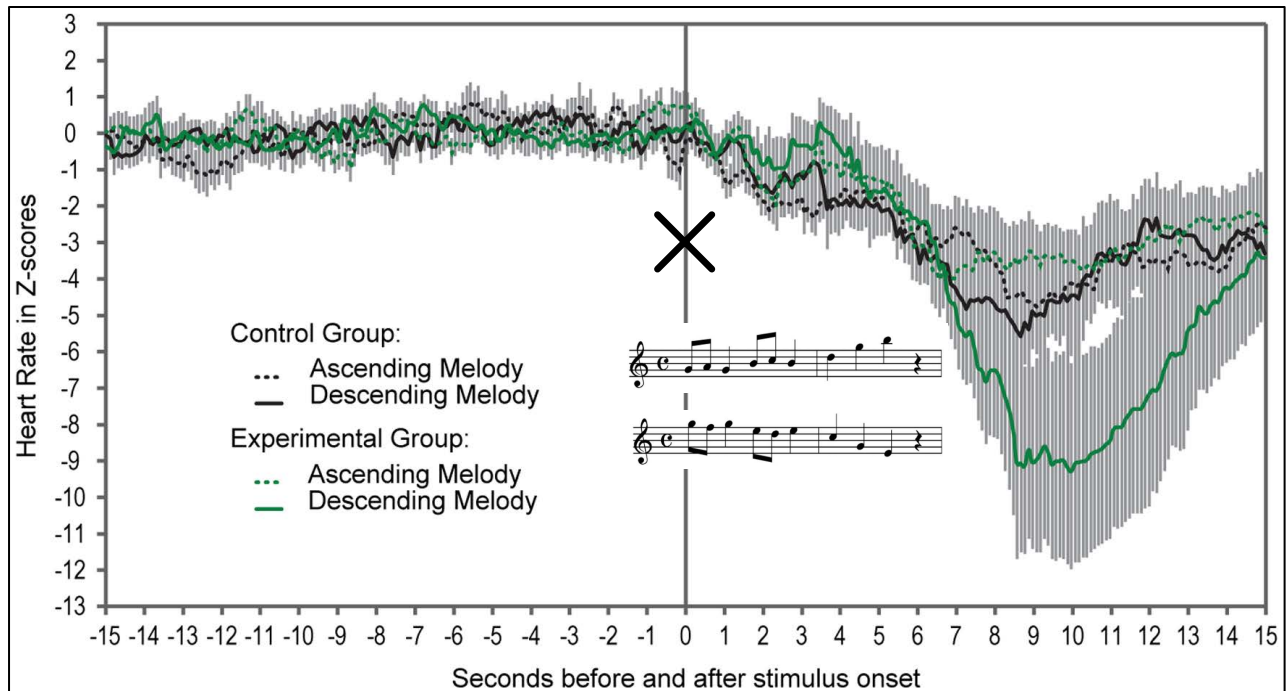


## Color Figure 2.1 from Chapter 2



Melodies Heard Before Birth and Heart Rate Changes at 1-Month Old. (Granier-Deferre et al., 2011, Figures 1 & 3).

Notice the X on the midline of the image. This is when the melodies were played for the 1-month olds. Approximately 7 seconds after hearing the melodies, the heart rate of one group (green line) becomes much slower. The 1-month olds who had heard the melodies in the womb had a significant change in heart rate when hearing the descending melody (but not so much for the ascending melody). The vertical grey lines represent variability of scores. Taller bars indicate more variability.

#### Source

Granier-Deferre, C., Bassereau, S., Ribeiro, A., Jacquet, A. Y., & DeCasper, A. J. (2011). A melodic contour repeatedly experienced by human near-term fetuses elicits a profound cardiac reaction one month after birth. *PLoS ONE*, 6(2), 1–13.

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