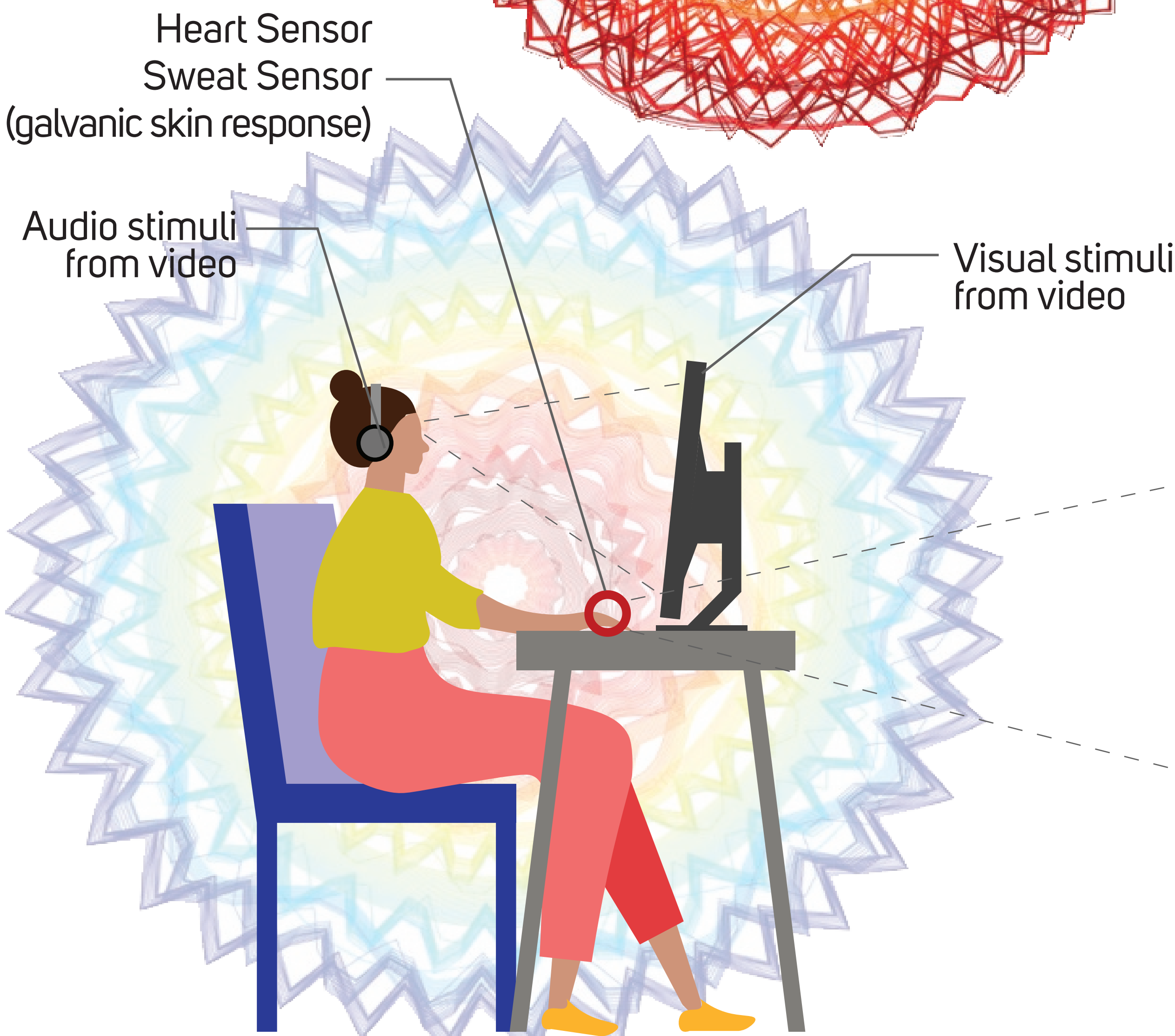
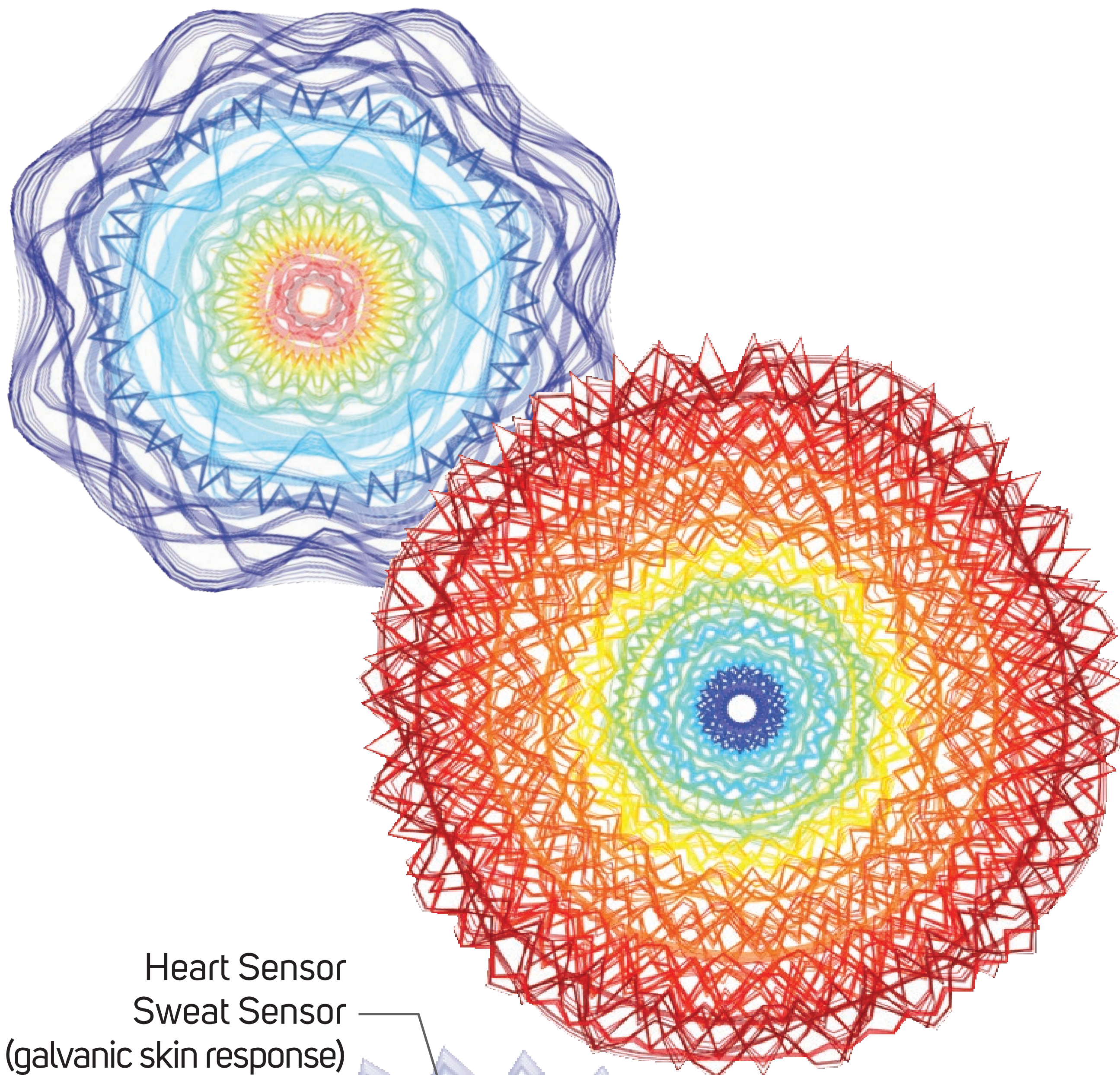


HEART SENSE 1.0

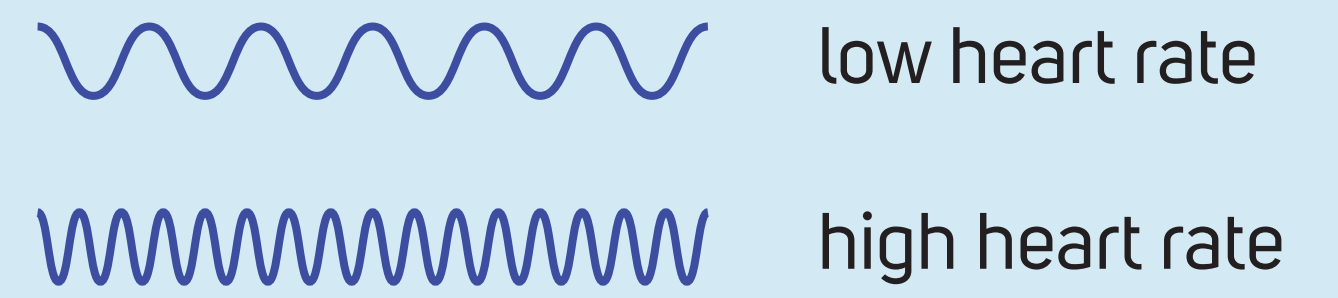
Reflections on Physiology and Embodiment

Heart Sense is a series of art installations that use representation, tracking, and visualizations of physiological data to investigate and reflect upon the body in ways that depart from the quantitative self and spur curiosity about scientific measurements. This installation takes a participant's heart rate, galvanic skin response, and breathing as input to produce flower-like visualizations that illustrate physiological responses to a short, emotionally engaging video. The visualizations work atwart standard body tracking visualisations by presenting representations that are whole and designed not to be optimizable. They give participants a sense of their embodied responses to the video and a chance to reflect on their embodied responses in the process.



HEART RATE

Frequency

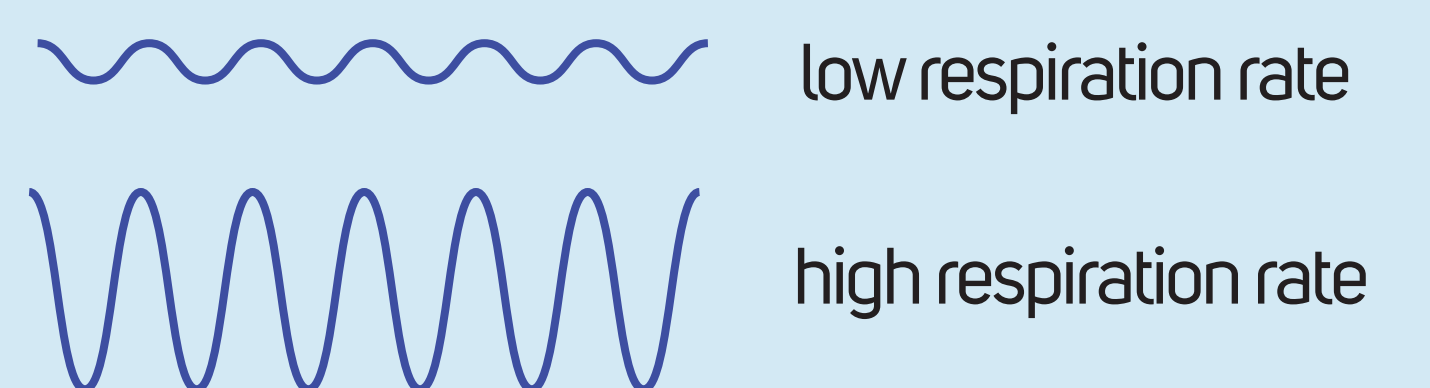


Reading the Heart Rate

A flatter line represents data points of the heart rate slowing down or skipped a beat

RESPIRATION RATE

Amplitude

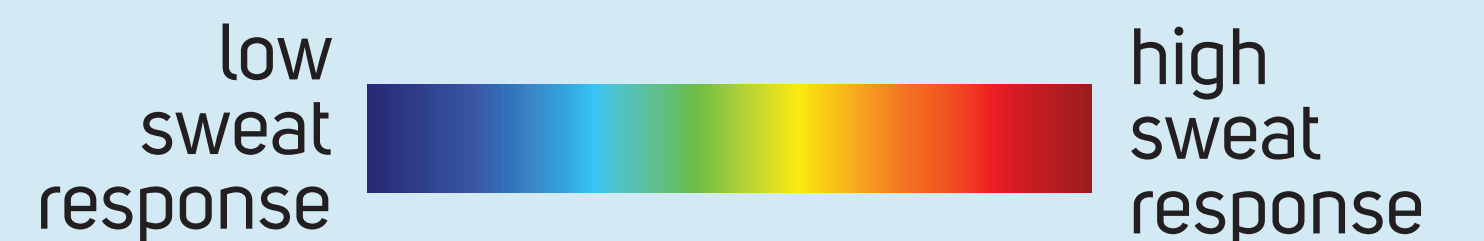


Reading the Breathing Pattern

A spiky wave represents when a breath hitched or a sharp intake occurred

SWEAT RESPONSE

Color



Reading the Sweat Response

Color change signal change in intensity of emotional response to the content

Note:

These representations are indicative of emotional intensity as experienced and recorded



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