

Extended (E) file associated with the following research: Nina Walker¹, Sebastian J. Crutch², Julian West³, Fergal W. Jones¹, Emilie V. Brotherhood², Emma Harding², Paul M Camic^{2*} (2021). Singing and music making: Physiological responses across early to later stages of dementia. *Wellcome Open Research*

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This project contains the following extended file:

For Study 1, figures depicting results for HR, EDA, ACC and ST for P1S1 before the session starts, during the first song and during fast and slow music. This is repeated for each of the nine participants. For Study 2, HR, EDA, ACC and ST for P1S2 before the session starts, during the first song and during fast and slow music. Each figure includes the physiological measures during the control and both intervention sessions. This is repeated for each of the six participants.

Figures E-1a-E-1d consist of HR, EDA, ACC and ST for P1S1 before the session starts, during the first song and during fast and slow music. This is repeated for each of the nine participants in Study 1 (Figures E-1a-E-9d).

Figures E-10a-E-10d consist of the HR, EDA, ACC and ST for P1S2 before the session starts, during the first song and during fast and slow music. Each figure includes the physiological measures during the control and both intervention sessions. This is repeated for each of the six participants in Study 2 (Figures E-10a-E-15d)

Figure E-1a

Heart Rate of Participant 1 in Study 1 (P1S1) during Baseline, First Song, Fast Music and Slow Music

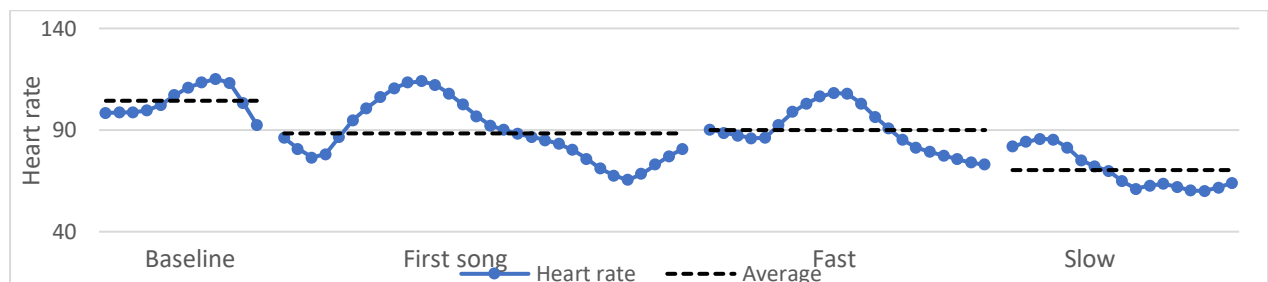


Figure E-1b

EDA of P1S1 during Baseline, First Song, Fast Music and Slow Music

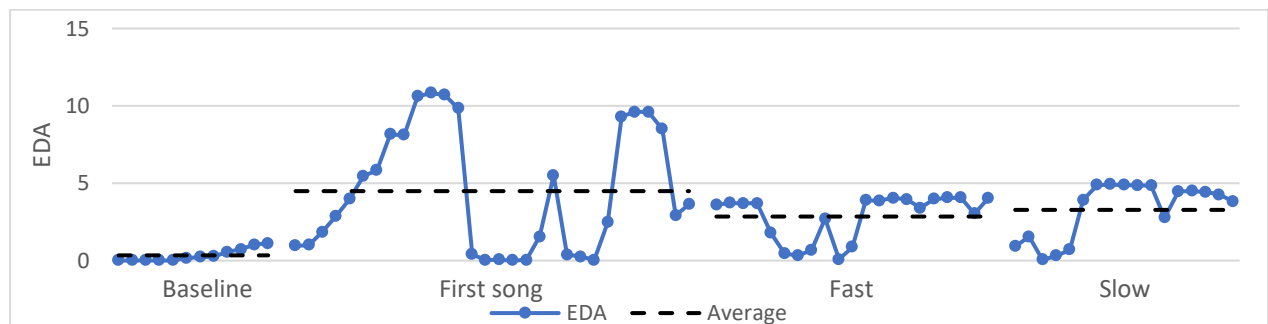


Figure E-1c

ACC of P1S1 during Baseline, First Song, Fast Music and Slow Music

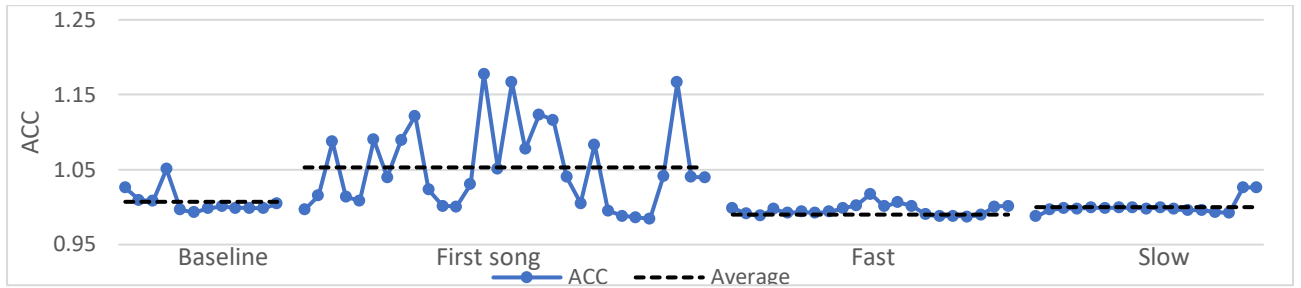


Figure E-1d

ST of P1S1 during Baseline, First Song, Fast Music and Slow Music

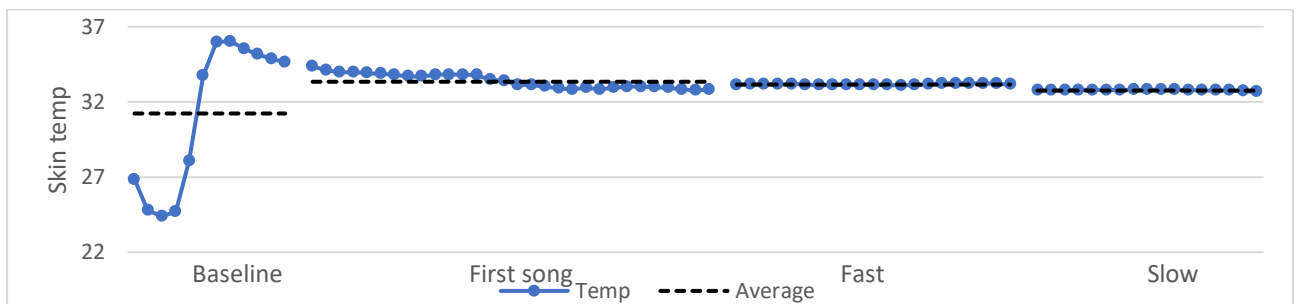


Figure E-2a

Heart Rate of P2S1 during Baseline, First Song, Fast Music and Slow Music

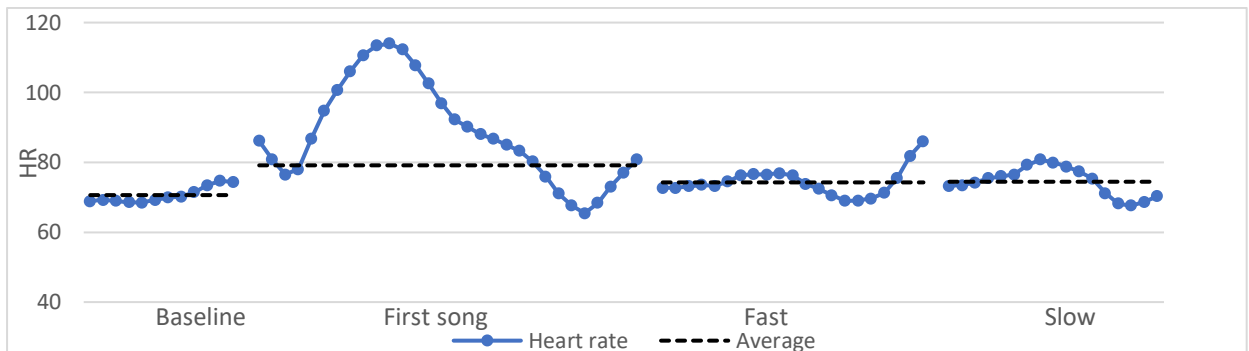


Figure E-2b

EDA of P2S1 during Baseline, First Song, Fast Music and Slow Music

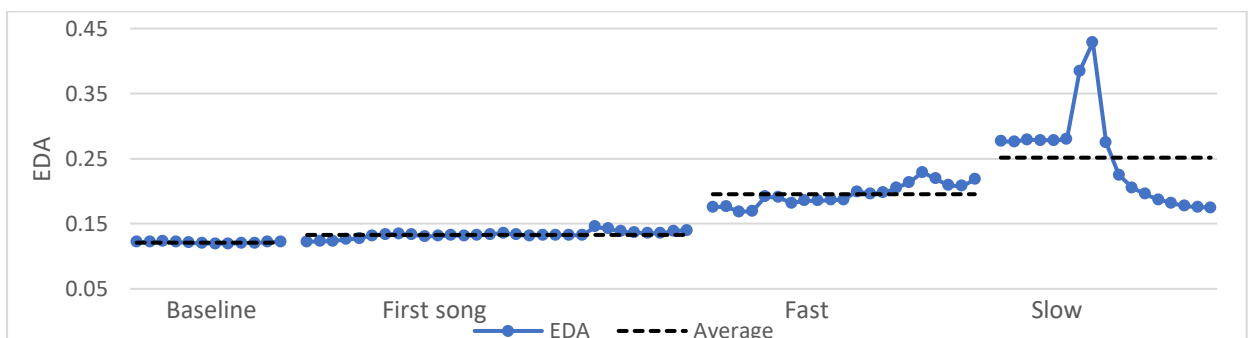


Figure E-2c

ACC of P2S1 during Baseline, First Song, Fast Music and Slow Music

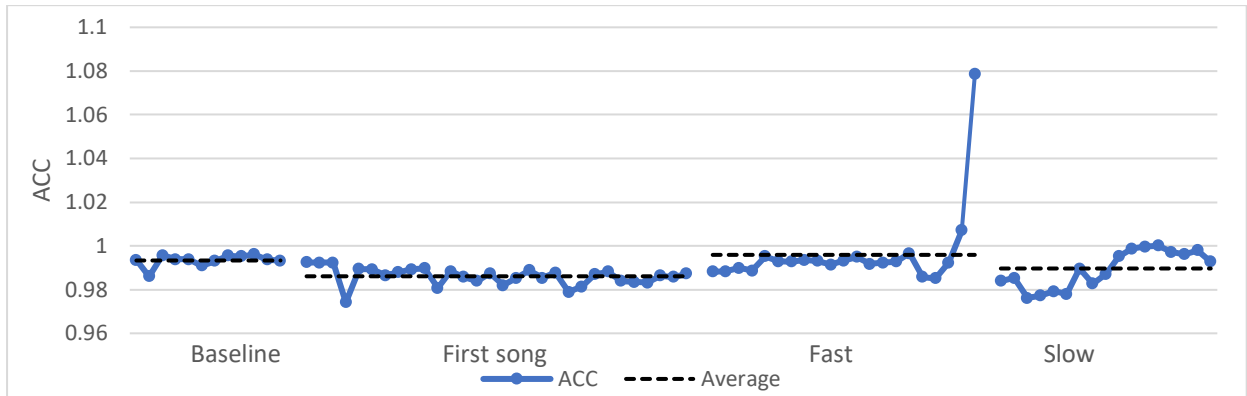


Figure E-2d

ST of P2S1 during Baseline, First Song, Fast Music and Slow Music

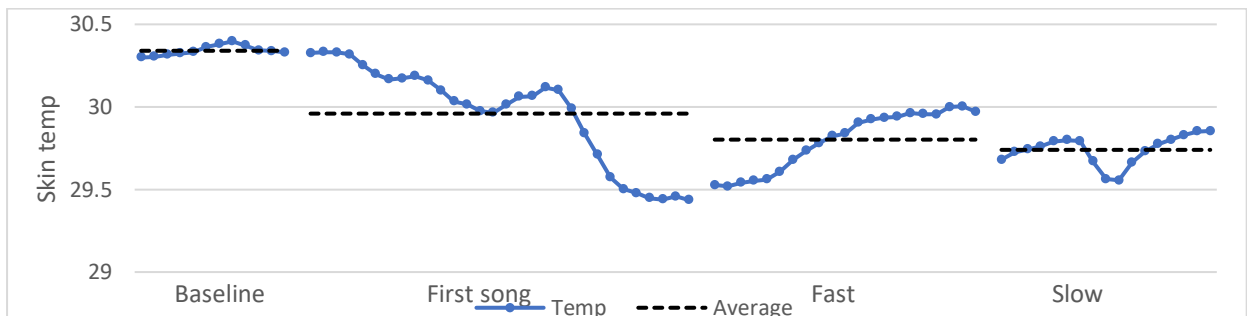


Figure E-3a

Heart Rate of P3S1 during Baseline, First Song, Fast Music and Slow Music

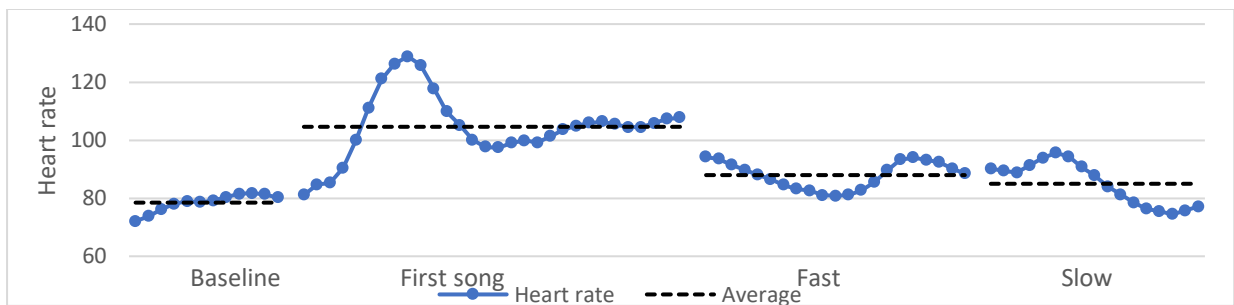


Figure E-3b

EDA of P3S1 during Baseline, First Song, Fast Music and Slow Music

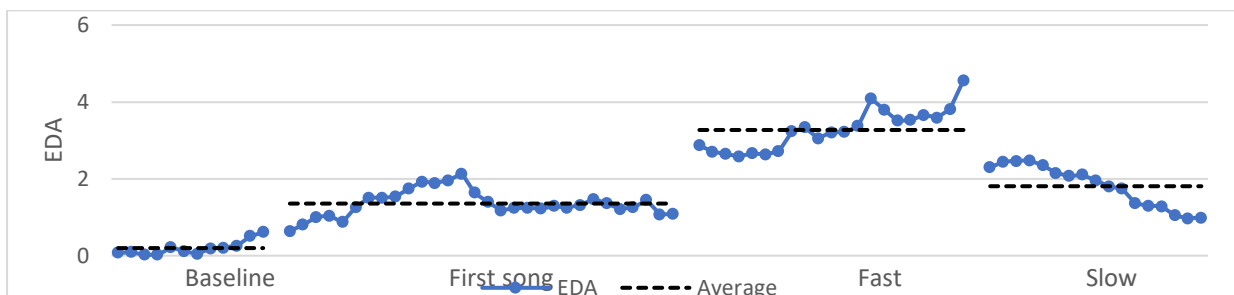


Figure E-3c

ACC of P3S1 during Baseline, First Song, Fast Music and Slow Music

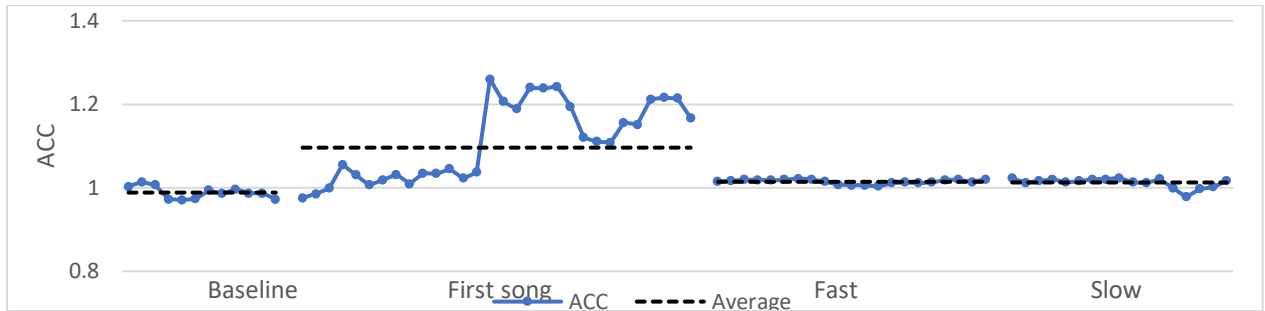


Figure E-3d

Skin temp of P3S1 during Baseline, First Song, Fast Music and Slow Music

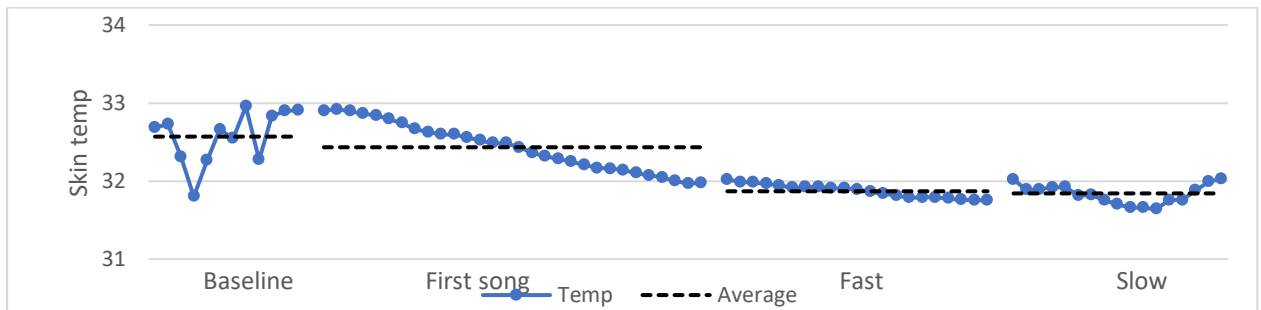


Figure E-4a

Heart rate of PS41 during Baseline, First Song, Fast Music and Slow Music

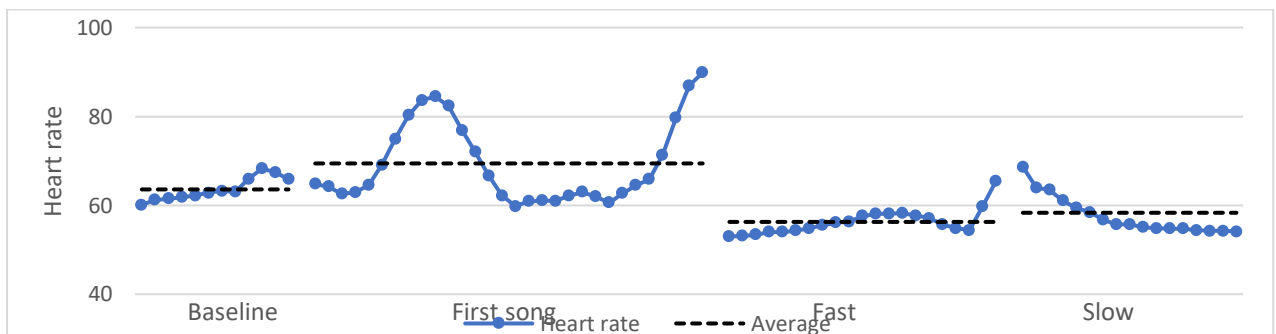


Figure E-4b

EDA of P4S1 during Baseline, First Song, Fast Music and Slow Music

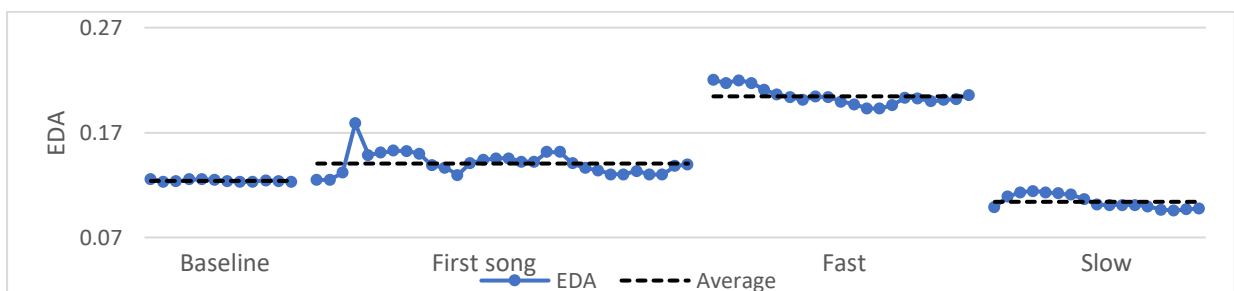


Figure E-4c

ACC of P4S1 during Baseline, First Song, Fast Music and Slow Music

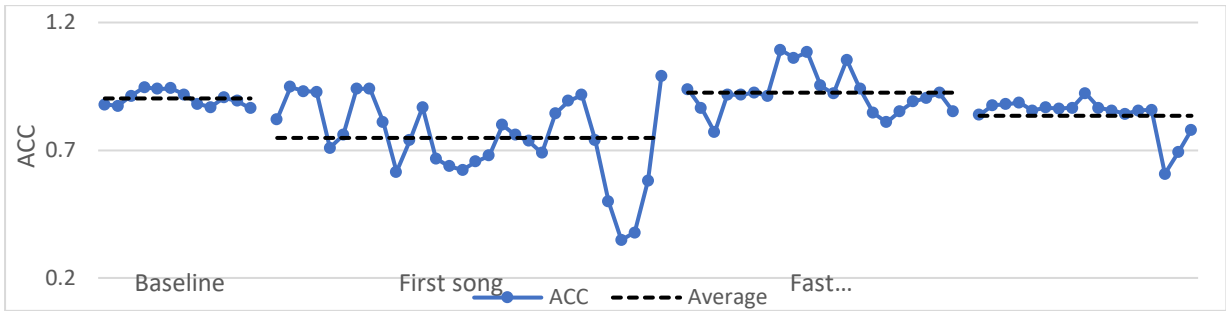


Figure E-4d

Skin Temp of P4S1 during Baseline, First Song, Fast Music and Slow Music

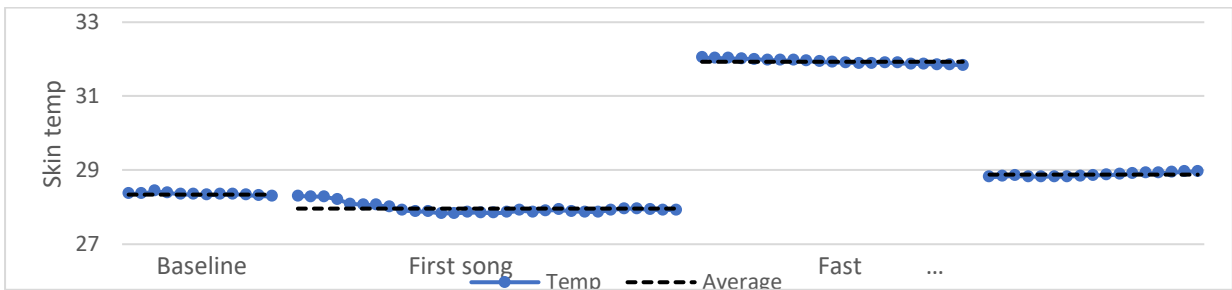


Figure E-5a

Heart rate of P5S1 during Baseline, First Song, Fast Music and Slow Music

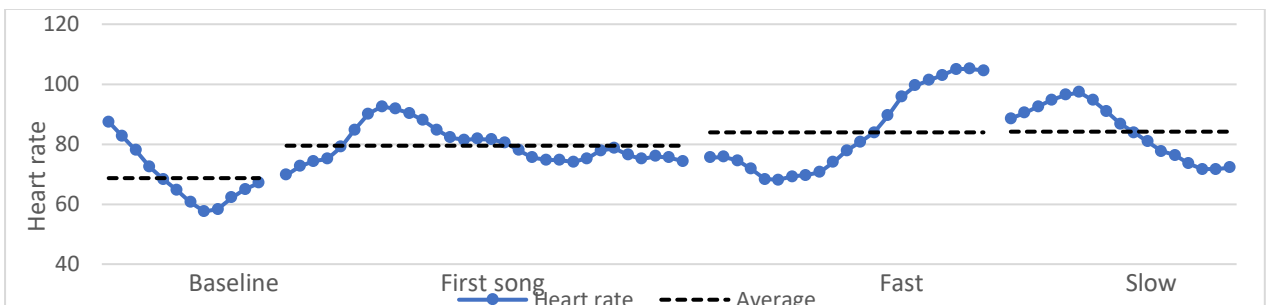


Figure E-5b

EDA of P5S1 during Baseline, First Song, Fast Music and Slow Music

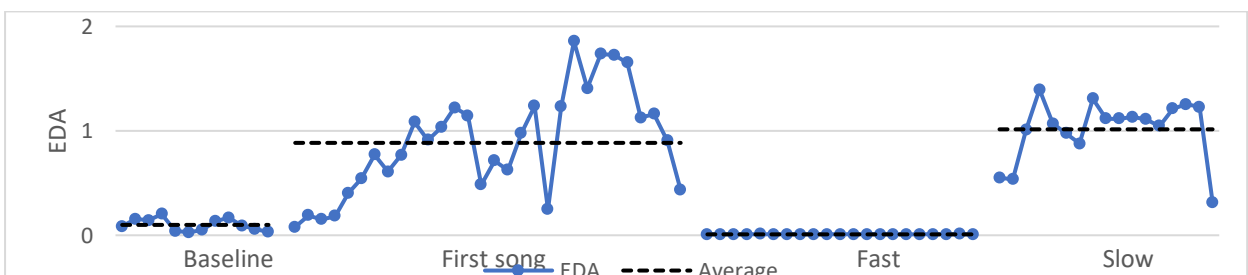


Figure E-5c

ACC of P5S1 during Baseline, First Song, Fast Music and Slow Music

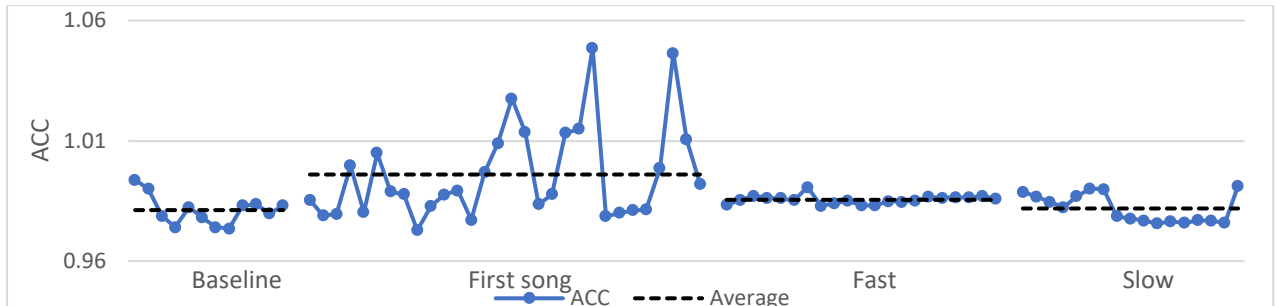


Figure E-5d

ST of P5S1 during Baseline, First Song, Fast Music and Slow Music

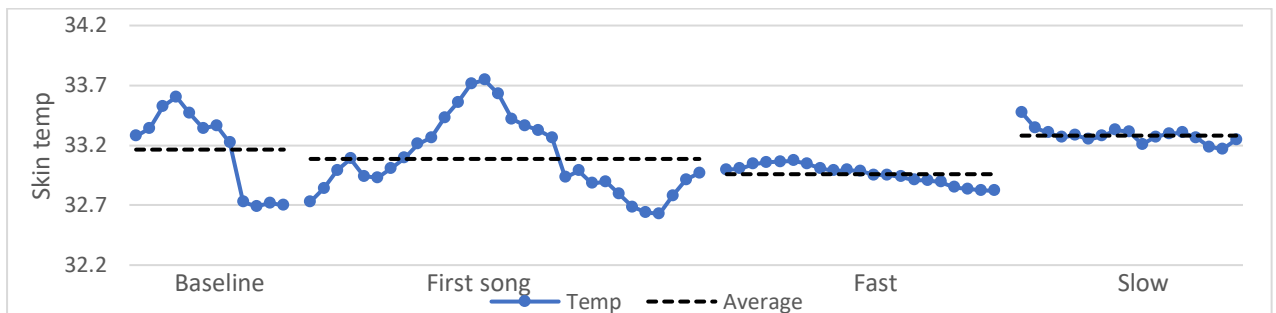


Figure E-6a

Heart rate of P6S1 during Baseline, First Song, Fast Music and Slow Music

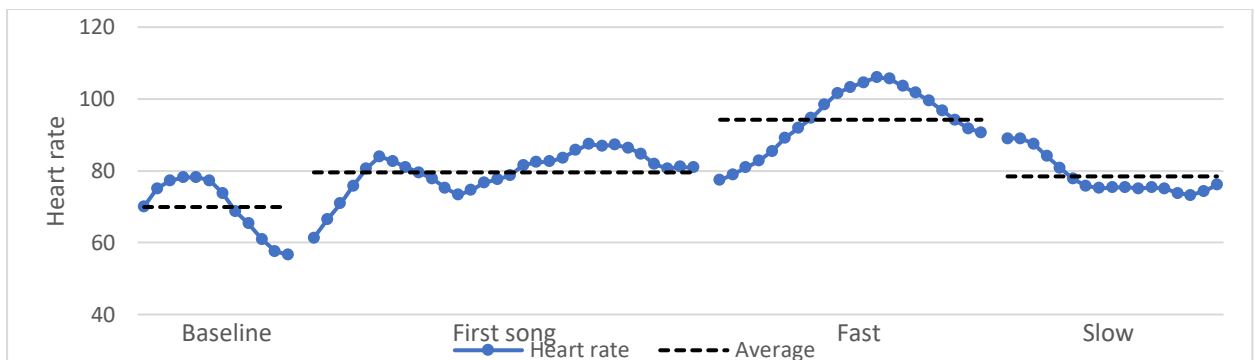


Figure E-6b

EDA of P6S1 during Baseline, First Song, Fast Music and Slow Music

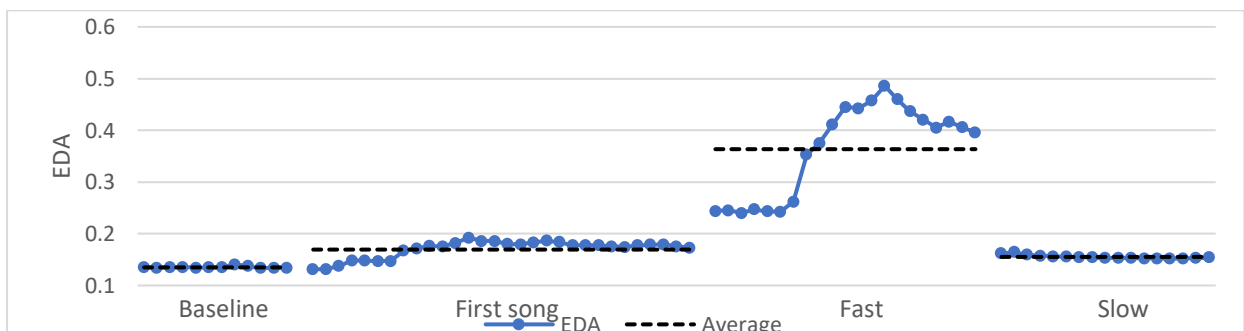


Figure E-6c

ACC of P6S1 during Baseline, First Song, Fast Music and Slow Music

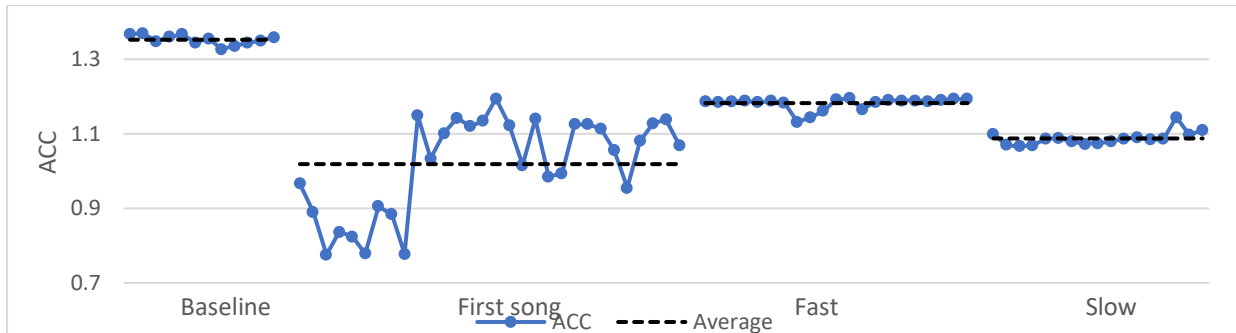


Figure E-6d

ST of P6S1 during Baseline, First Song, Fast Music and Slow Music

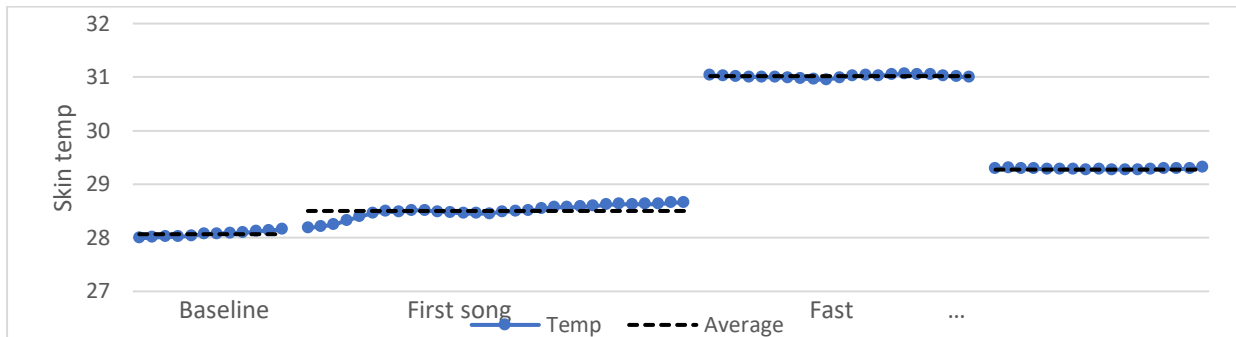


Figure E-7a

Heart Rate of P7S1 during Baseline, First Song, Fast Music and Slow Music

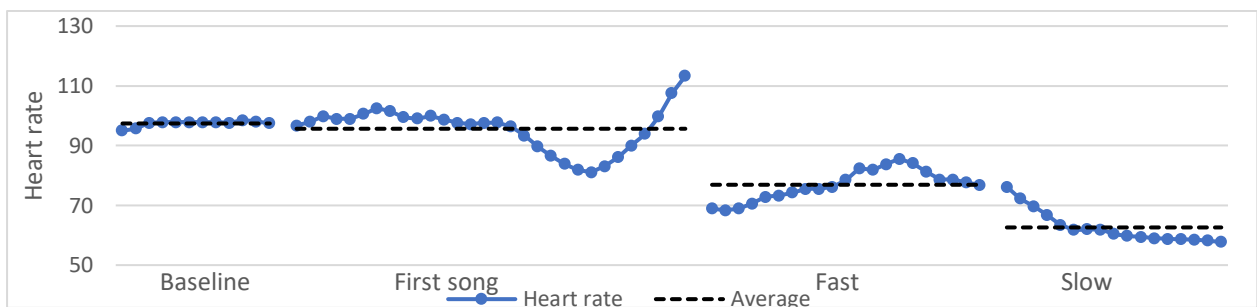


Figure E-7b

EDA of P7S1 during Baseline, First Song, Fast Music and Slow Music

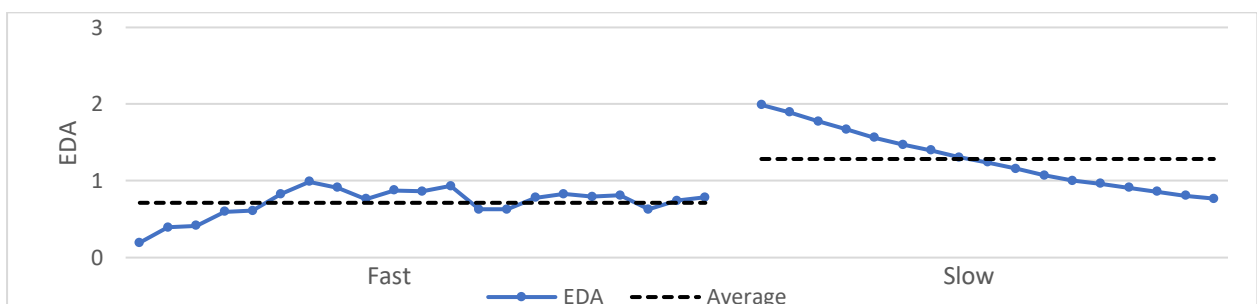


Figure E-7c

Movement of P7S1 during Baseline, First Song, Fast Music and Slow Music

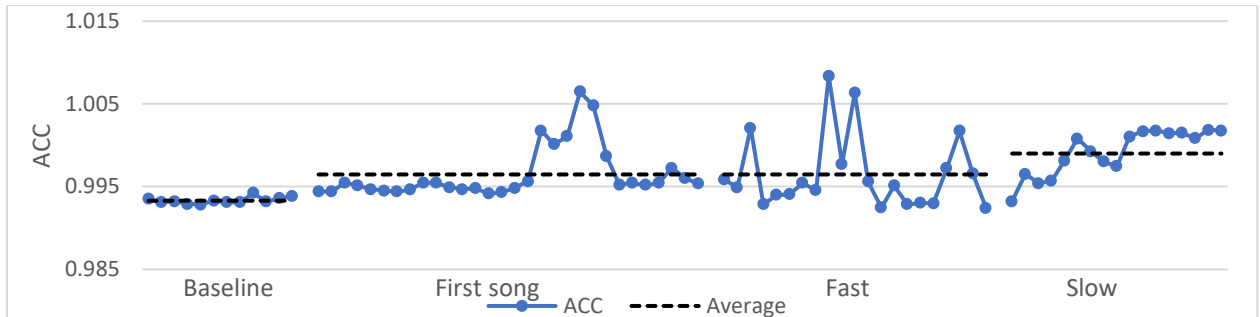


Figure E-7d

Skin temp of P7S1 during Baseline, First Song, Fast Music and Slow Music

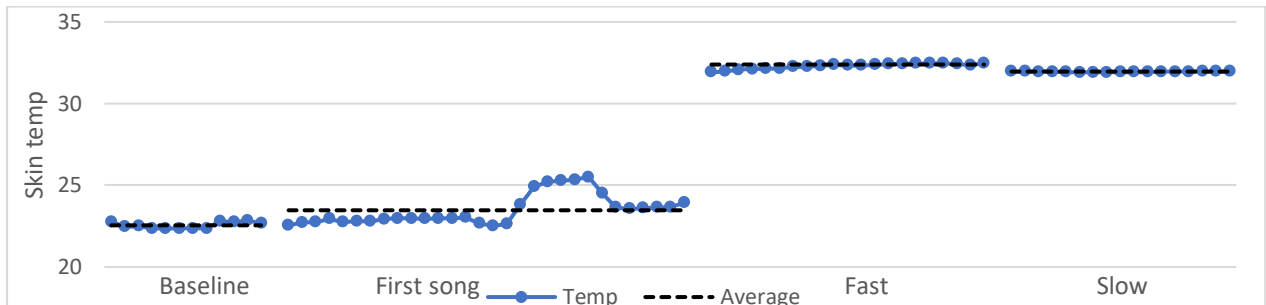


Figure E-8a

Heart Rate of P8S1 during Baseline, First Song, Fast Music and Slow Music

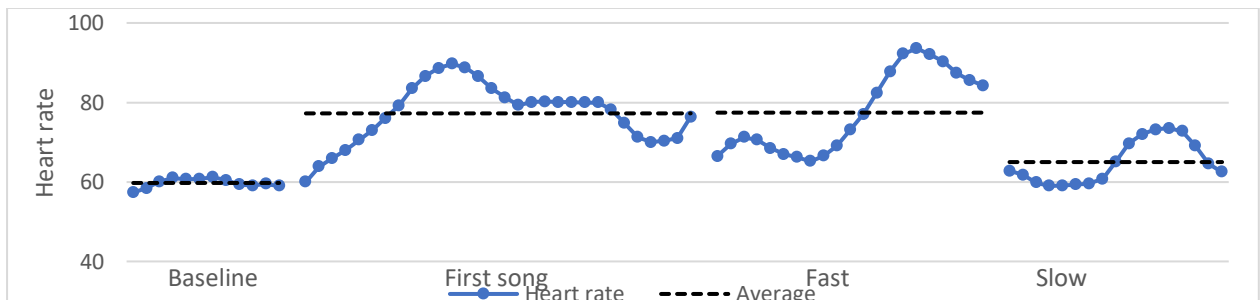


Figure E-8b

EDA of P8S1 during Baseline, First Song, Fast Music and Slow Music

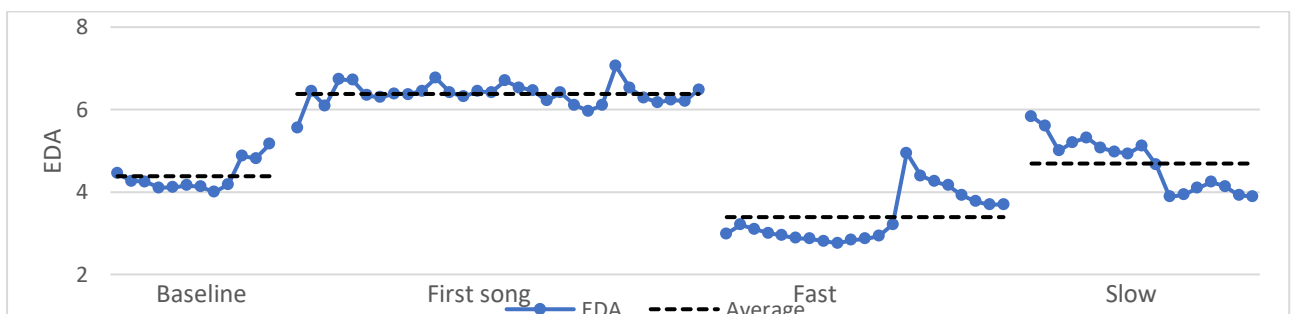


Figure E-10b

PIS2 EDA during Control and Two Intervention Sessions

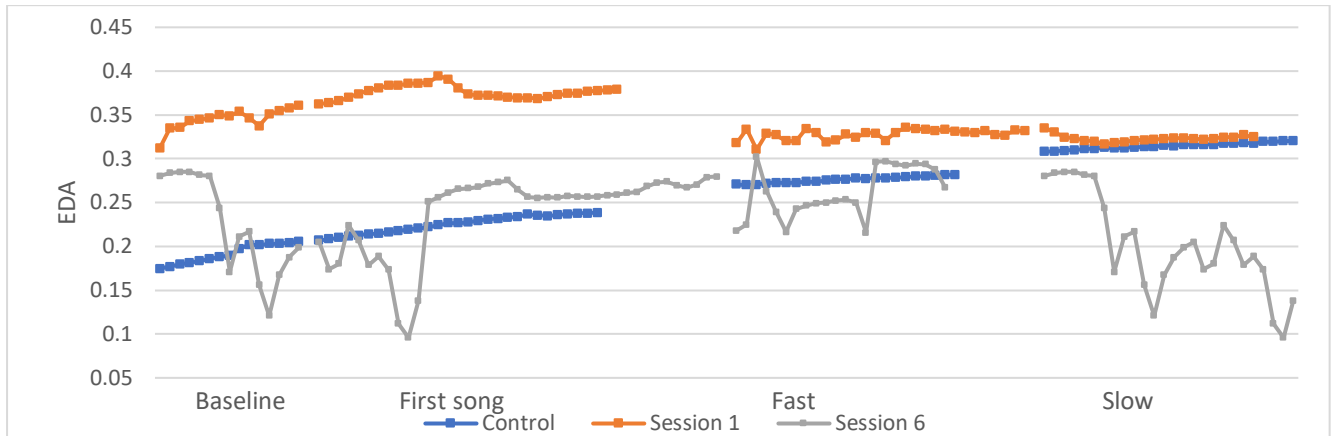


Figure E-10c

PIS2 ST during Control and Two Intervention Sessions

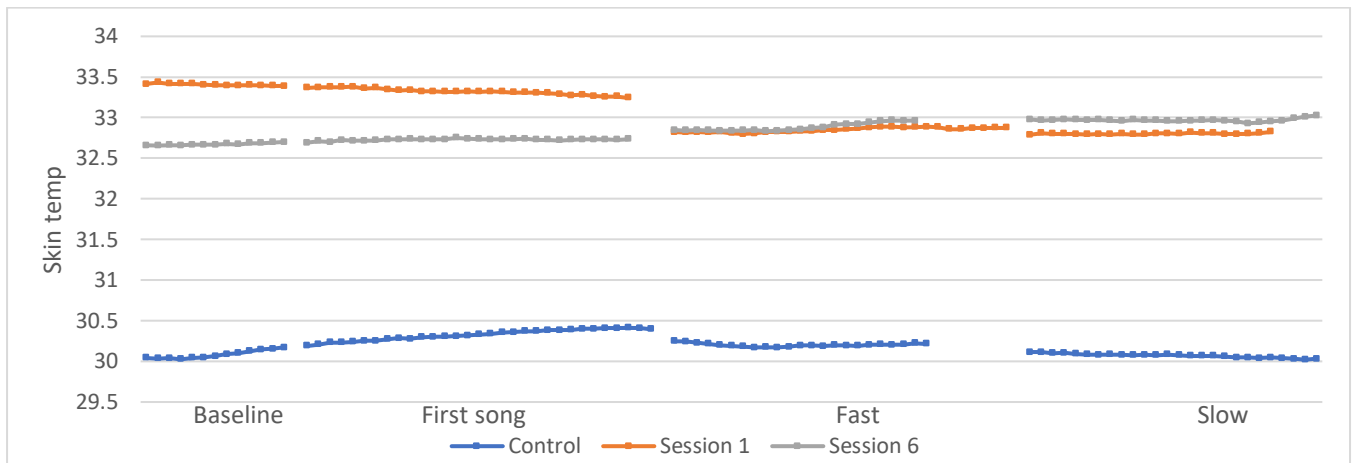


Figure E-10d

PIS2 ACC during control and two intervention sessions

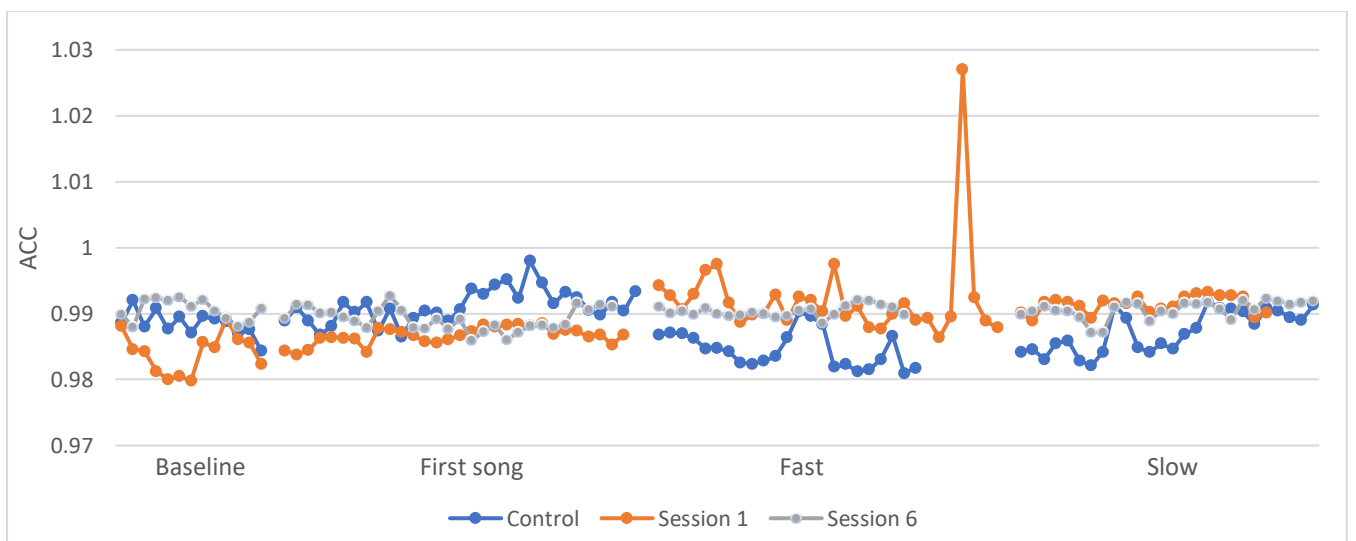


Figure E-11a

P2S2 Heart Rate during Control and Two Intervention Sessions

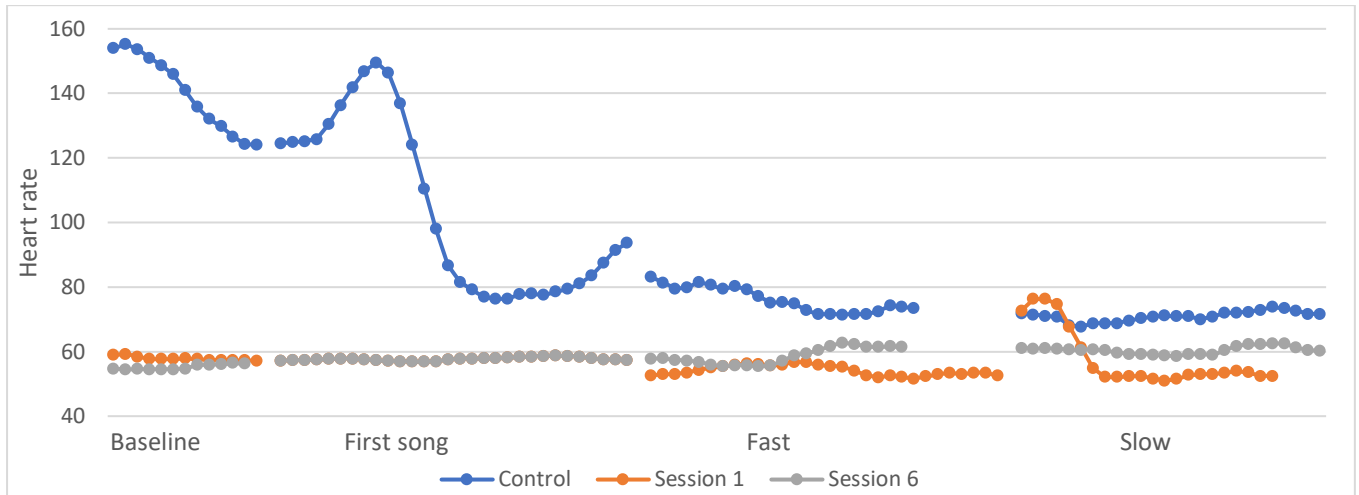


Figure E-11b

P2S2 EDA during Control and Two Intervention Sessions

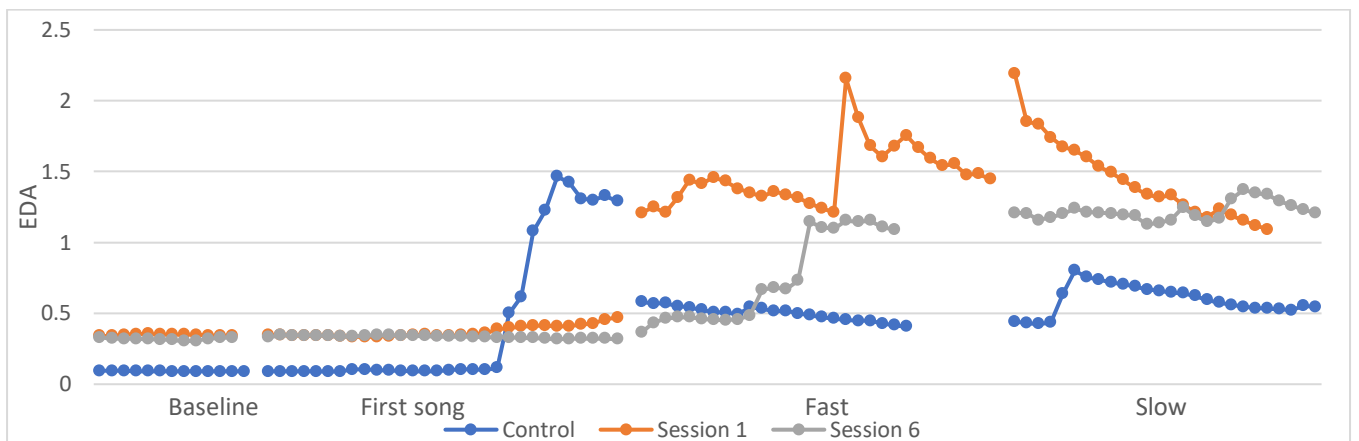


Figure E-11c

P2S2 ACC during Control and Two Intervention Sessions

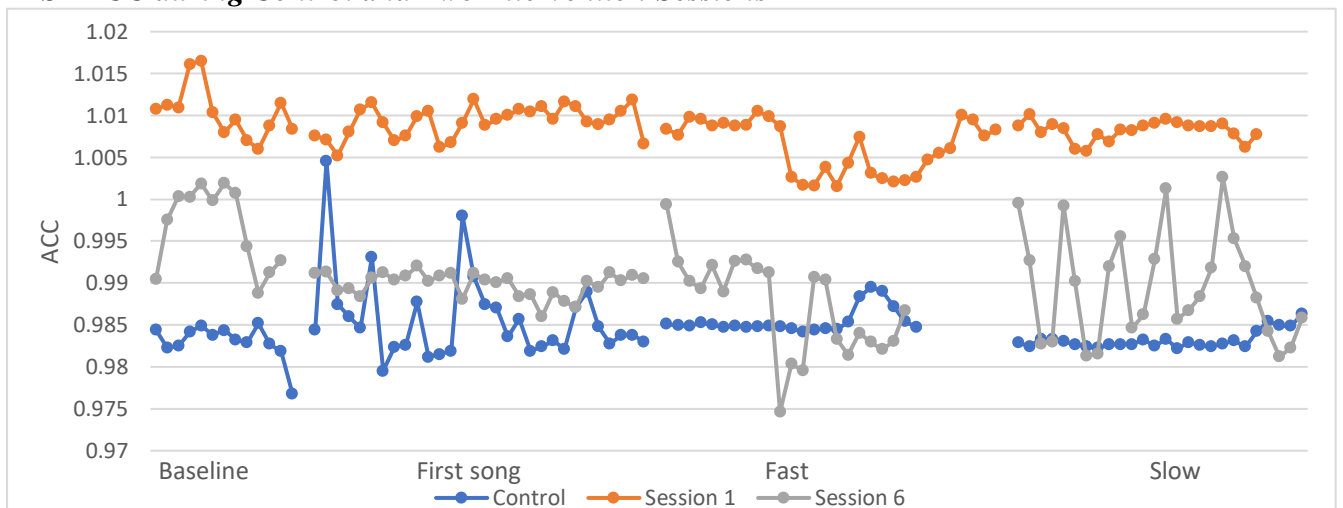


Figure E-11d

P2S2 ST during Control and Two Intervention Sessions

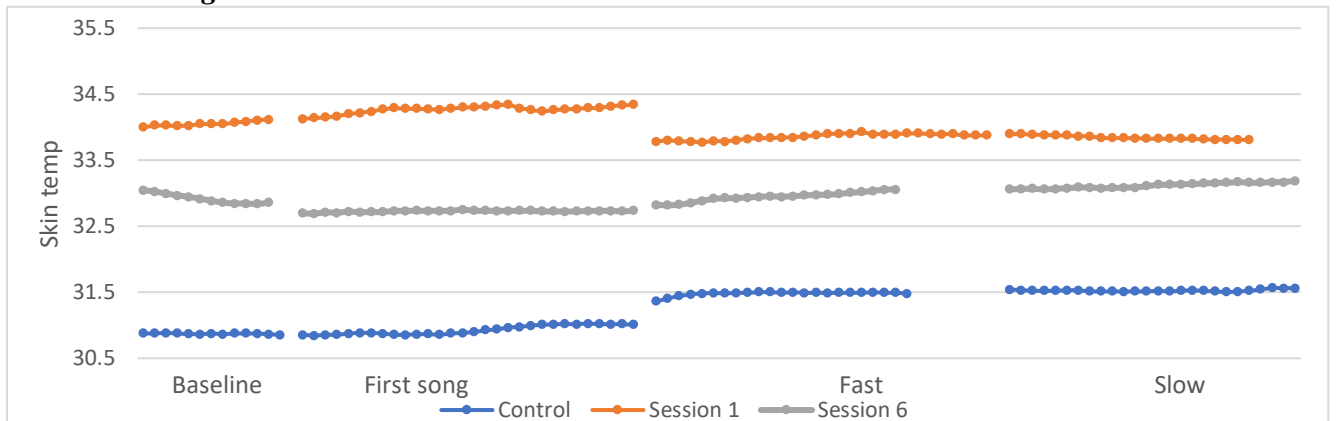


Figure E-12a

P3S2 Heart Rate During Control and Two Intervention Sessions

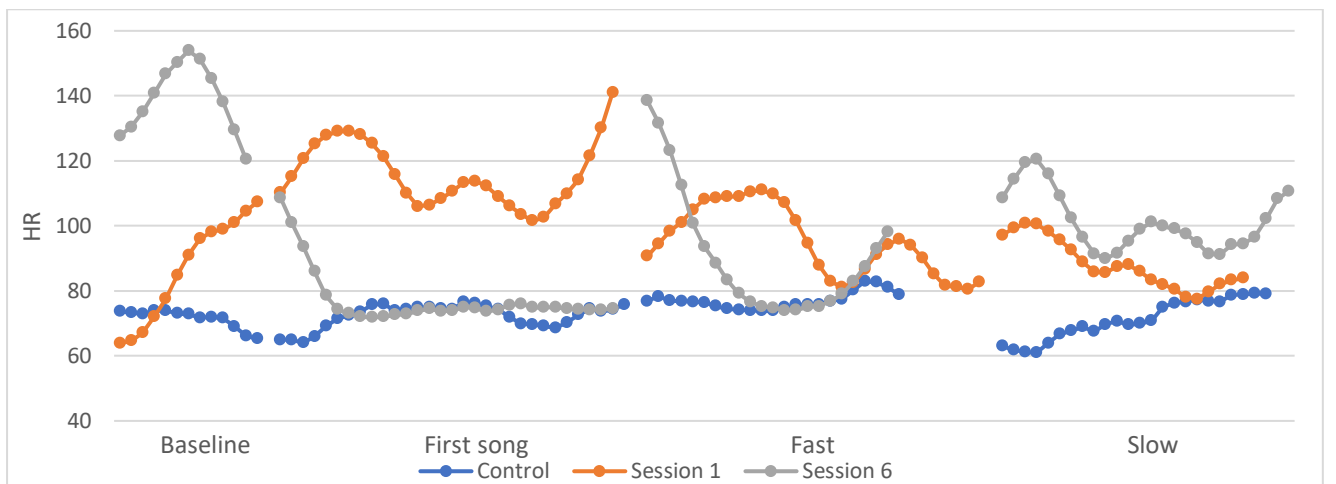


Figure E-12b

P3S2 EDA During Control and Two Intervention Sessions

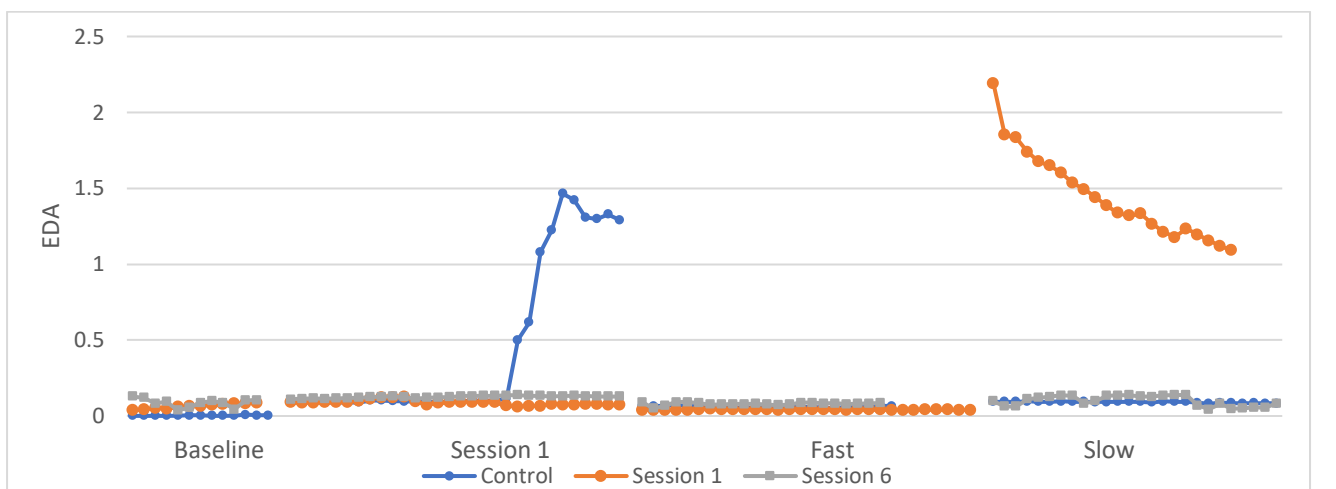


Figure E-12c

P3S2 ACC During Control and Two Intervention Sessions

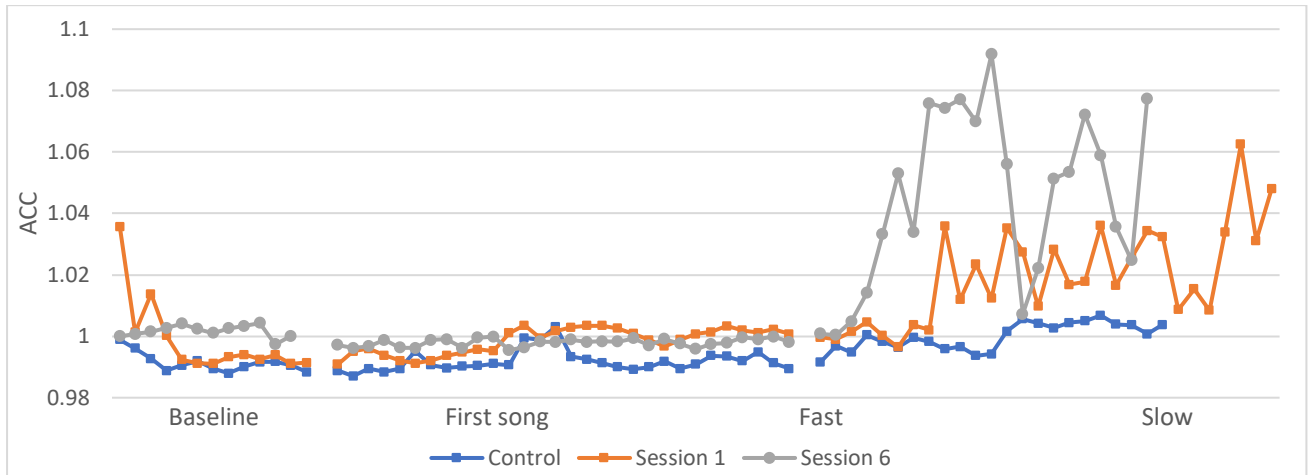


Figure E-12d

P3S2 ST During Control and Two Intervention Sessions

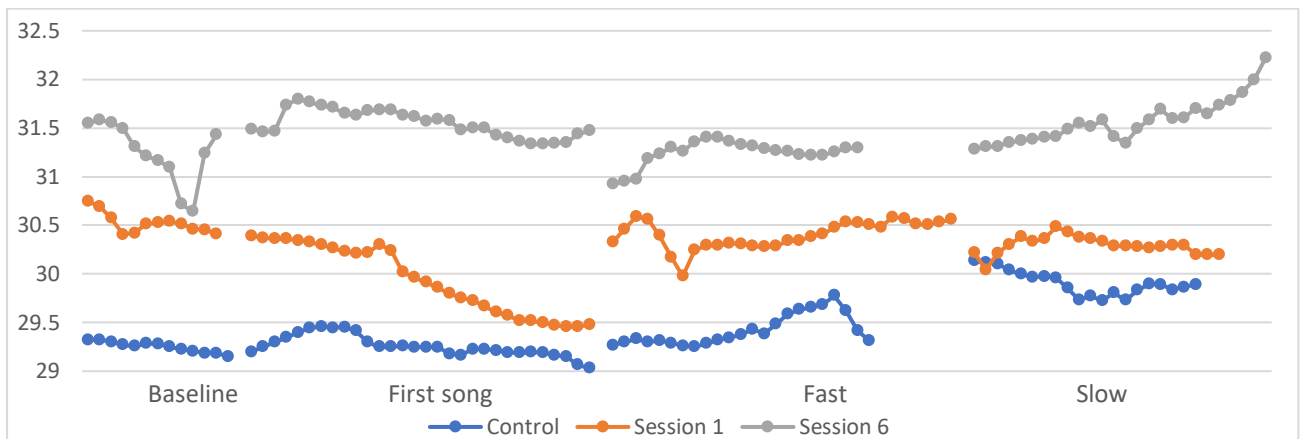


Figure E-13a

P4S2 Heart Rate During Control and Two Intervention Sessions

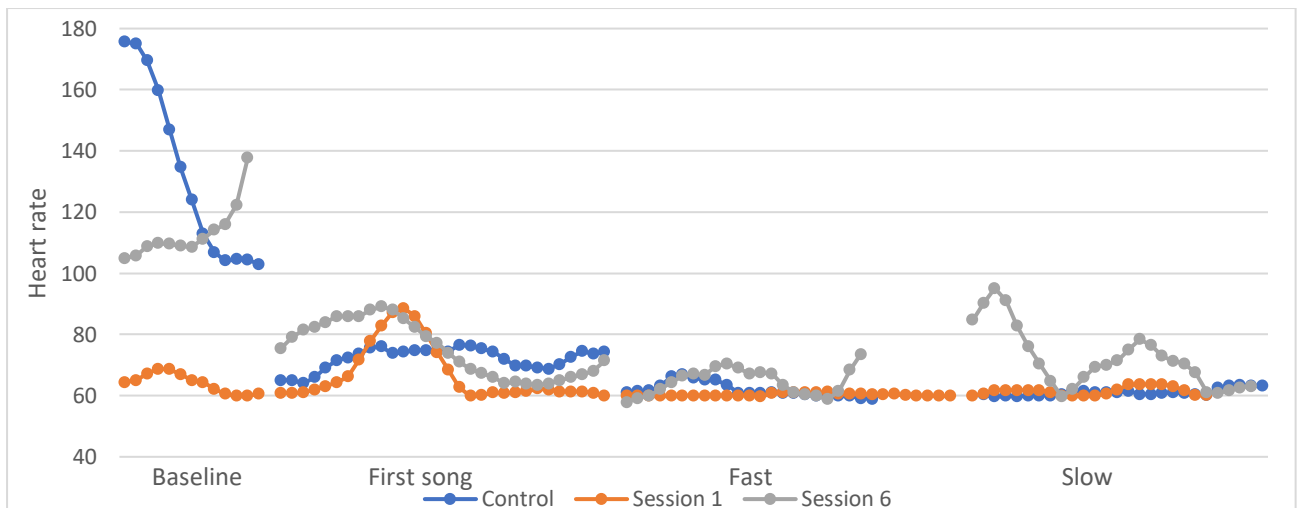


Figure E-13b

P4S2 EDA During Control and Two Intervention Sessions

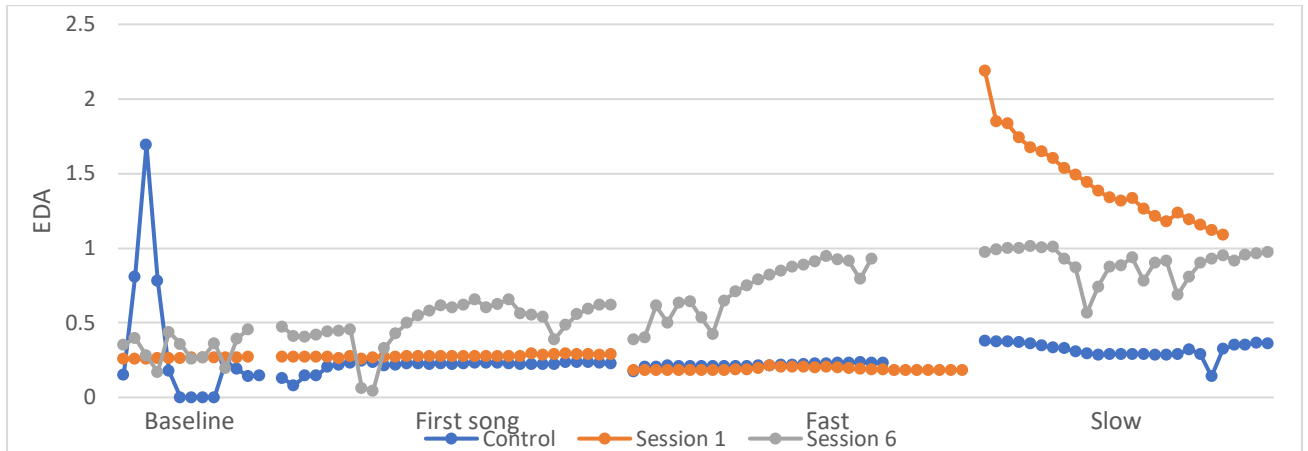


Figure E-13c

P4S2 ACC During Control and Two Intervention Sessions

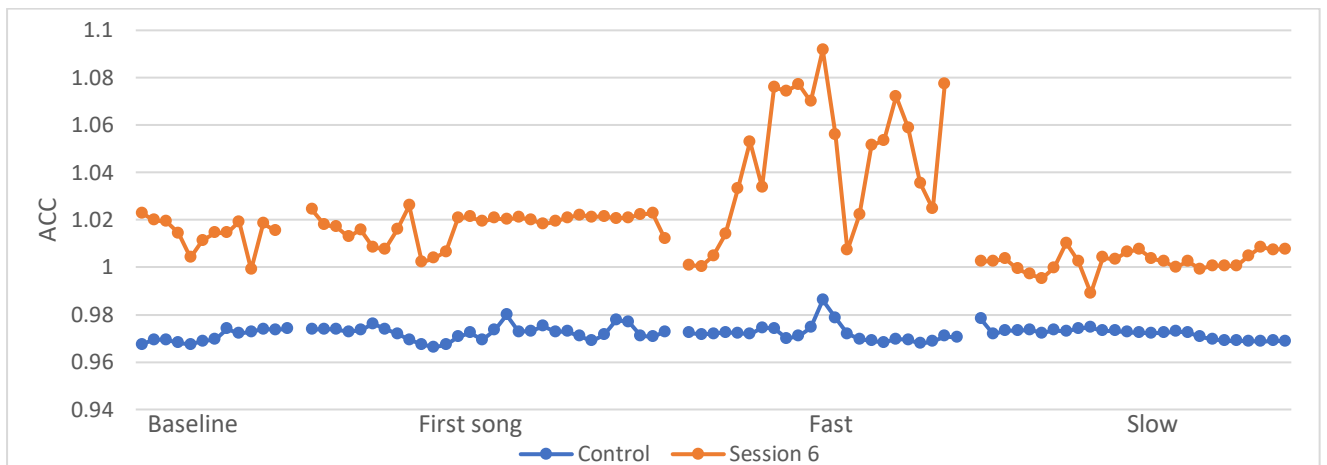


Figure E-13d

P4S2 ST During Control and Two Intervention Sessions

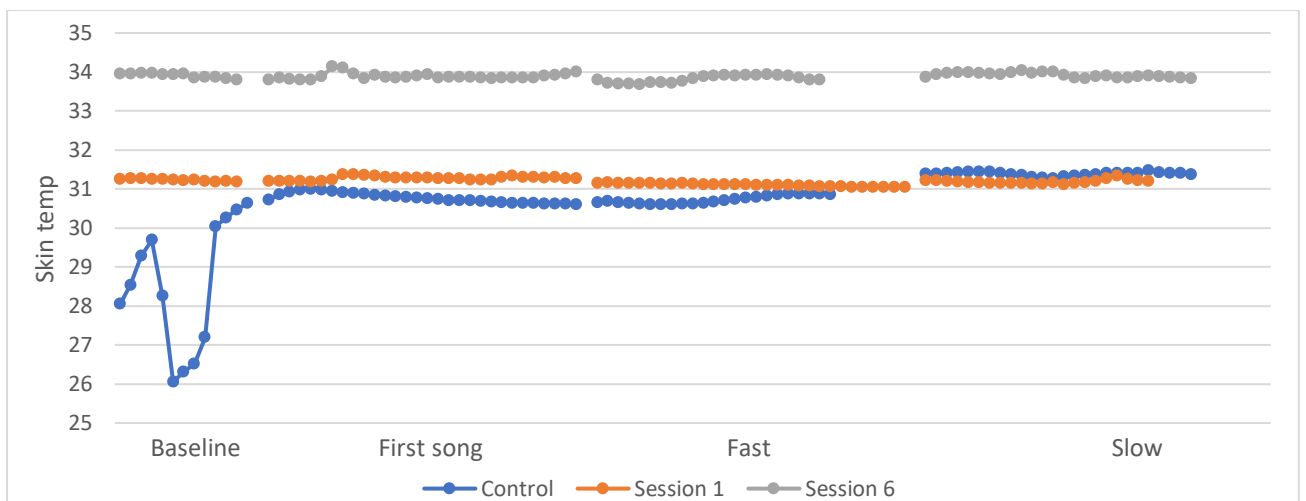


Figure E-14a

P5S2 Heart Rate During Control and Two Intervention Sessions

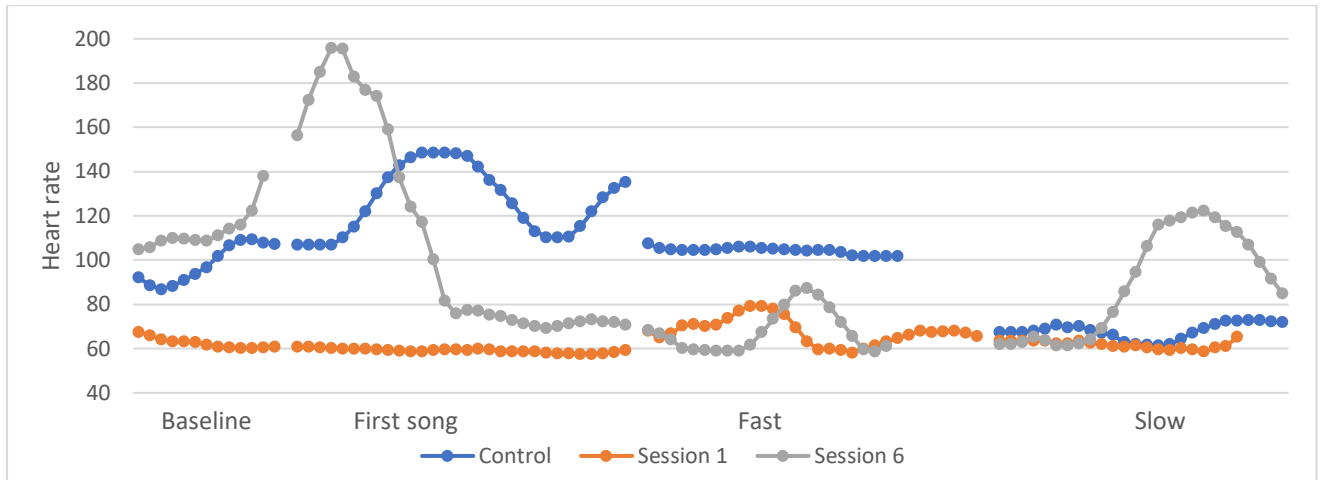


Figure E-14b

P5S2 EDA During Control and Two Intervention Sessions

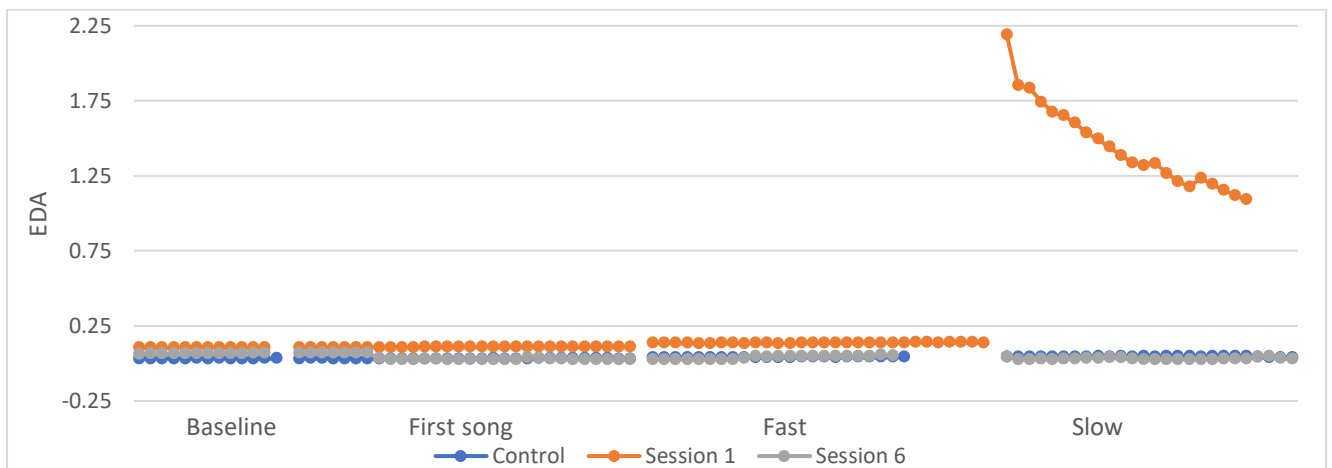


Figure E-14c

P5S2 ACC During Control and Two Intervention Sessions

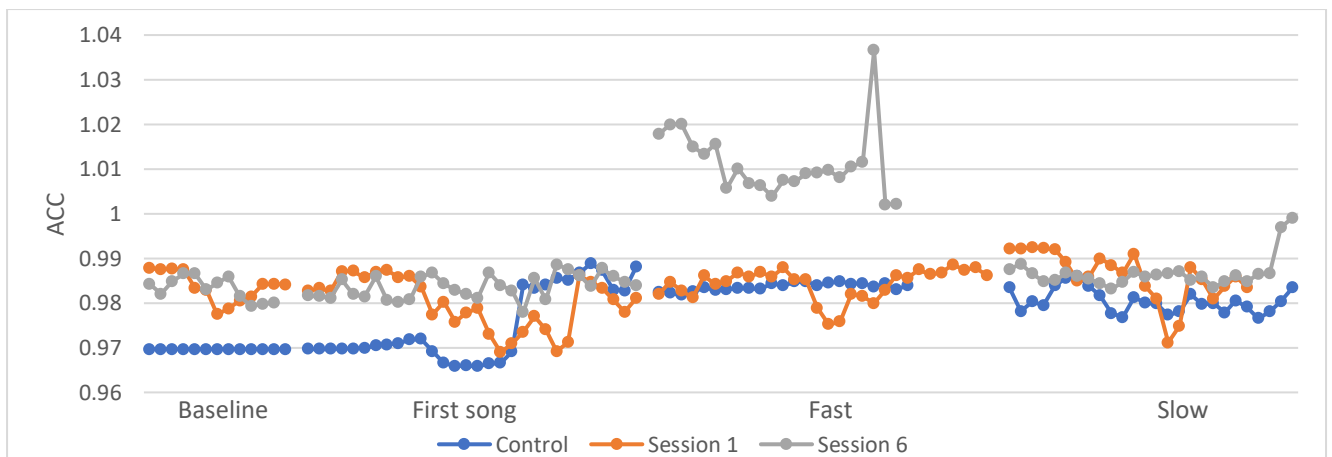


Figure E-14d

P5S2 ST During Control and Two Intervention Sessions

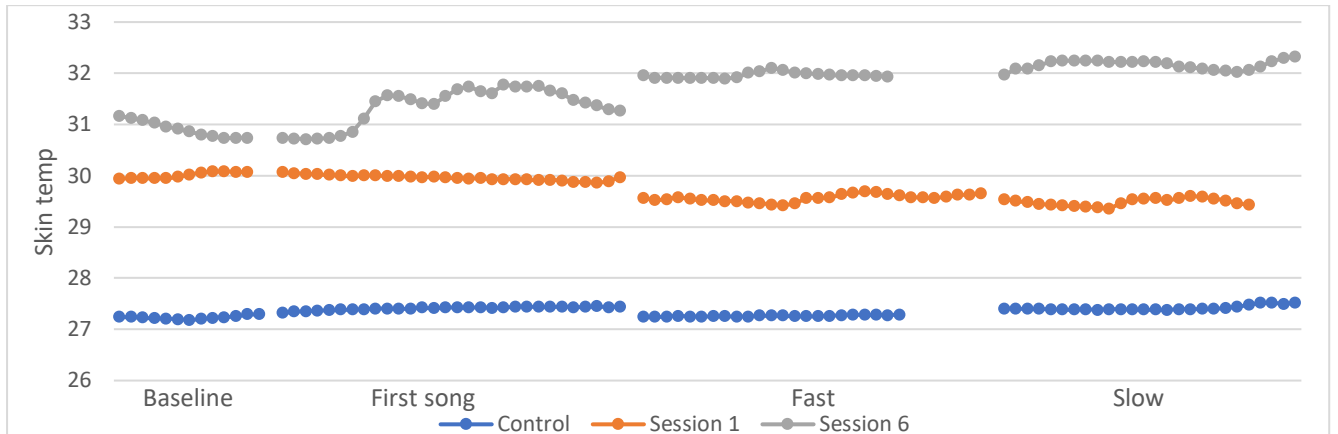


Figure E-15a

P6S2 Heart Rate During Control and Two Intervention Sessions

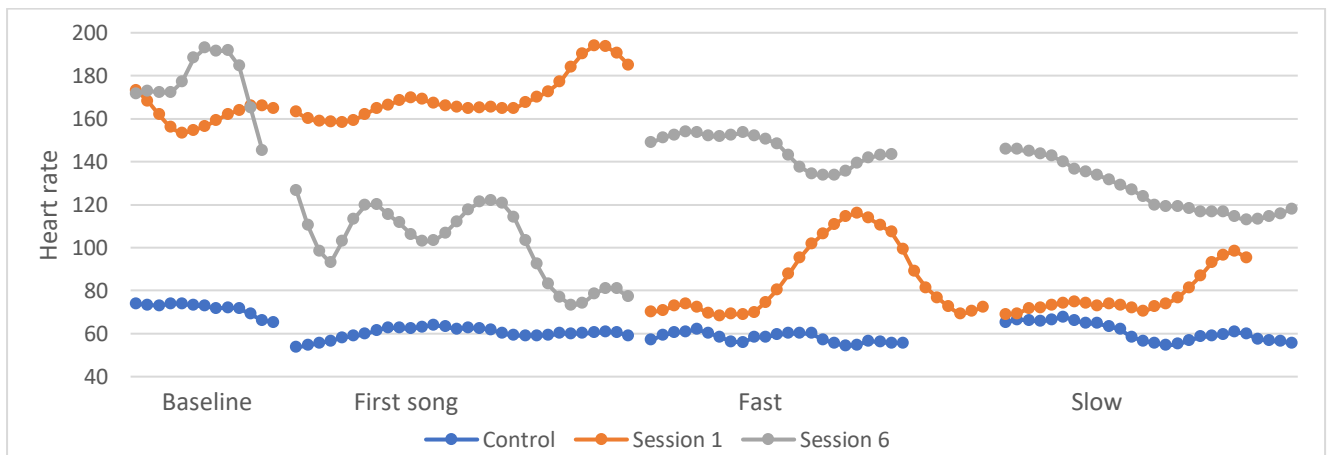


Figure E-15b

P6S2 EDA During Control and Two Intervention Sessions

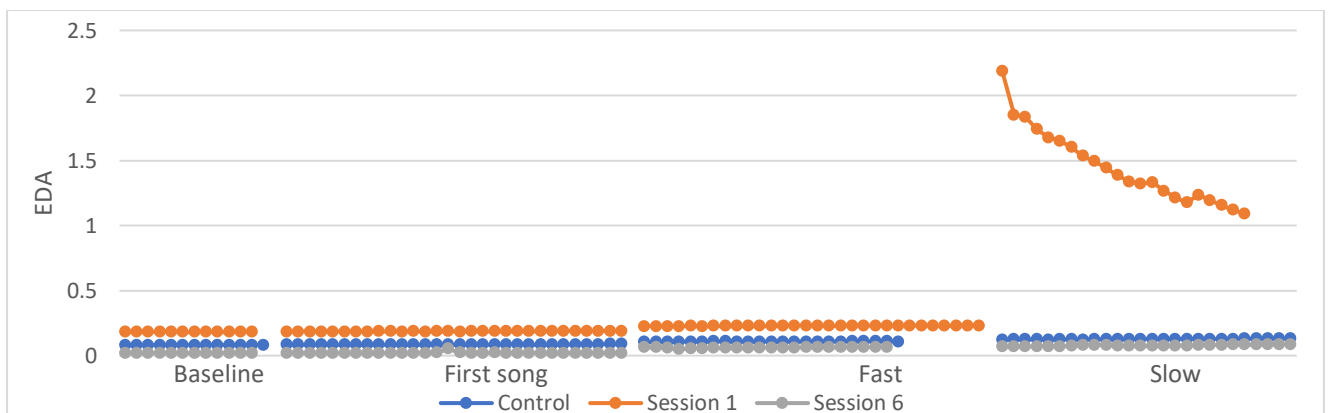


Figure E-15c

P6S2 ACC During Control and Two Intervention Sessions

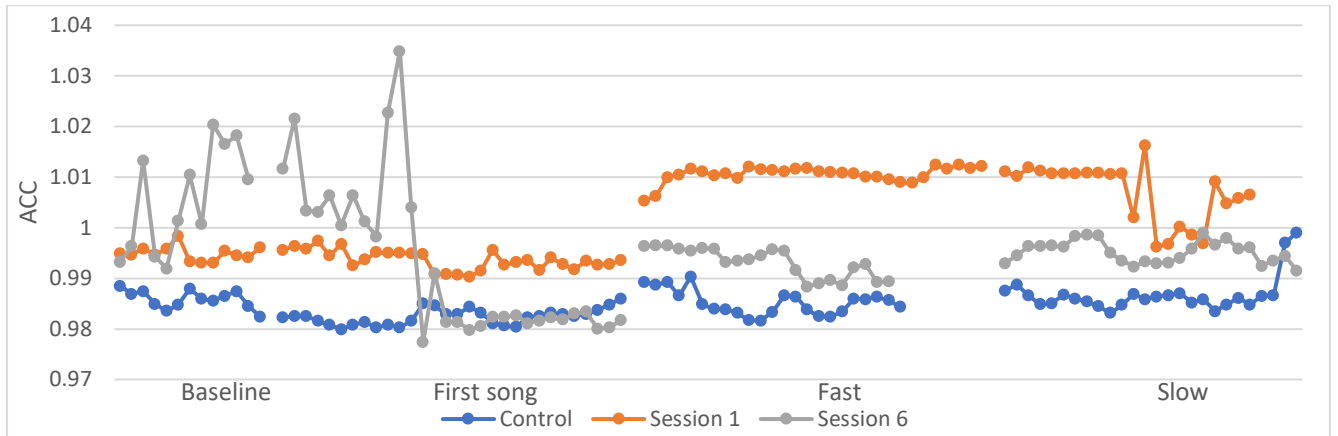


Figure E-15d

P6S2 ST During Control and Two Intervention Sessions

