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Bodily sensation maps: exploring a new direction for detecting emotions from user self-reported data

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Highlights

- We explore bodily sensation maps (BSMs) as a novel way to detect emotions
- We propose EmoPaint, a mobile app to collect BSMs and detect emotions from them
- A user study reveals that the app is easy to use and able to detect emotions
- The app improves accuracy over a traditional method: Affect Grid with Circumplex model

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