**Title:**    Mobile Phone Mood Tracking, Inference and Prediction: A Literature Review
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**Abstract:**

This presentation is an overview of a systematic literature review of papers published in the past five years from the PubMed Library. Our search criteria and subsequent filtering process were crafted to select observational studies that used data capture from a mobile phone to track or infer mood. Studies that had some aspect of mood inference or prediction were included even if they had other research questions; in such cases we only reported on the relevant questions aligned to our review objectives. Our initial search brought back 397 papers that we narrowed down to a final 24 papers that were most relevant.

A lot of variation was found in the studies selected but a few distinct categories have emerged: participant base, mood capture methodology, data capture methods, and modelling. In this presentation, we give an overview of the studies associated with the categories and sub-categories we have defined and explore some of the key findings in relation to the contribution of different aspects of user behaviour, physiology, environment, and psychology to the prediction or inference of mood or aspects of a mood disorder.