

Smartphone-based monitoring and treatment of unipolar and bipolar disorder: Supervised learning augmented by unlabeled data

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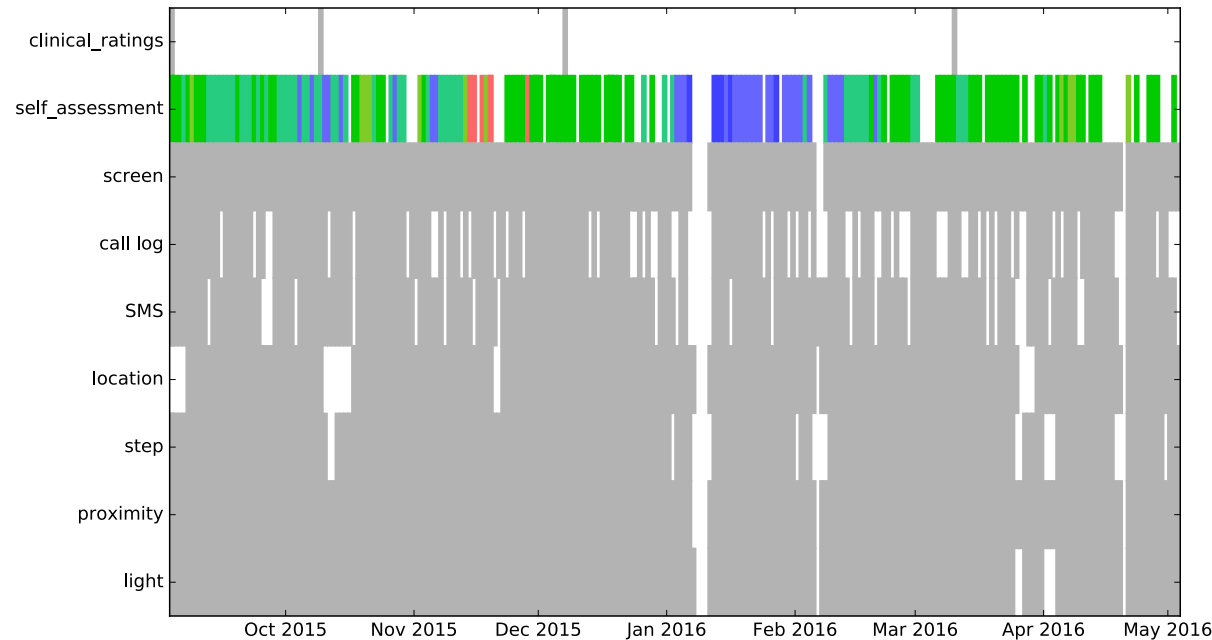
- BD and depression are common mental disorders with high societal costs.
- Data collected from patients:
 - Smartphone data
 - Self-monitoring data
 - Phone usage data
 - Sensor data
 - Clinical ratings
- PhD about data analysis and forecasting of symptoms.

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Example of data collected from one individual



By utilizing semisupervised learning we hope to achieve more accurate prediction of symptom scores by taking into account the unlabeled data.