**Research outputs:**

**Differences in mood instability in patients with bipolar disorder type I and II: a smartphone-based study**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**The validity of daily patient-reported anxiety measured using smartphones and the association with stress, quality of life and functioning in patients with bipolar disorder**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Is smartphone-based mood instability associated with stress, quality of life and functioning in bipolar disorder?**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**The association between mixed symptoms, irritability and functioning measured using smartphones in bipolar disorder**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**The effect of smartphone-based monitoring on illness activity in bipolar disorder: the MONARCA II randomized controlled single-blinded trial**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**The Internet-Based Cognitive Assessment Tool: System Design and Feasibility Study**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Personalized versus generic mood prediction models in bipolar disorder**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

**3 rd International workshop on mental health and well-being: Sensing and intervention**
Correlations Between Objective Behavioral Features Collected From Mobile and Wearable Devices and Depressive Mood Symptoms in Patients With Affective Disorders: Systematic Review: Systematic Review

Data-Driven Learning in High-Resolution Activity Sampling From Patients With Bipolar Depression: Mixed-Methods Study.

Double-Loop Health Technology: Enabling Socio-technical Design of Personal Health Technology in Clinical Practice

Objective smartphone data as a potential diagnostic marker of bipolar disorder

Supporting smartphone-based behavioral activation: A simulation study

Activity-Based Collaboration for Interactive Spaces

Big Data hvor N=1

Can smartphone-based electronic markers discriminate between patients with bipolar disorder, healthy first-degree relatives and healthy control individuals
Collaborative Affordances of Medical Records
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Heibredstjek af dansk sundhedsteknologi: Sektorudviklingsrapport
Research output: Book/Report › Report – Annual report year: 2017 › Commissioned

Reducing the rate and duration of Re-ADMISsions among patients with unipolar disorder and bipolar disorder using smartphone-based monitoring and treatment - the RADMIS trials: Study protocol for two randomized controlled trials
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The Bipolar Illness Onset study: research protocol for the BIO cohort study
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Behavioral activities collected through smartphones and the association with illness activity in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Dedicated workspaces: Faster resumption times and reduced cognitive load in sequential multitasking
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Designing Context-Aware Cognitive Behavioral Therapy for Unipolar and Bipolar Disorders
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Electronic self-monitoring of mood using IT platforms in adult patients with bipolar disorder: A systematic review of the validity and evidence
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

The Personal Health Technology Design Space
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Voice analysis as an objective state marker in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Voice analysis as an objective state marker in bipolar disorder
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review
Smartphone data as an electronic biomarker of illness activity in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Projects:

Open-access data platform for behavioural monitoring and visual analytics for mental health
Nunes Vilaza, G. & Bardram, J. E.
15/10/2018 → 26/10/2021
Project: PhD

Software Architecture and Platform for Multi-study and Multi-source Digital Phenotyping Research
Kumar, D., Bardram, J. E. & Dragoni, N.
Fonde
01/02/2018 → 31/01/2021
Project: PhD

Patient Training for Gaze Controlled Telepresence
Zhang, G., Hansen, J. P. & Bardram, J. E.
Forskningsrådsstipendium
01/02/2018 → 31/01/2021
Project: PhD

Design Toolbox for Personal Health Technology
Maharjan, R., Bardram, J. E. & Bækgaard, P.
Offentlig finansiering
01/02/2018 → 31/01/2021
Project: PhD

Computer- and Smartphone-based Assessment of Cognitive Functioning in Affective Disorders in Young People
Hafiz, P., Bardram, J. E. & Kessing, L. V.
Marie Curie (EU-stipendium)
01/06/2017 → 31/05/2020
Project: PhD

In-situ and Personalized Cognitive Behavioural Therapy for Mental Health
Samfinansieret - Andet
01/09/2016 → 31/08/2019
Project: PhD

Machine learning for smartphone-based monitoring and treatment of unipolar and bipolar disorders
Busk, J., Winther, O., Bardram, J. E., Jørgensen, S. L., Mascolo, C. & Vehtari, A.
Forskningsrådsfinansiering
01/03/2016 → 30/09/2019
Project: PhD

Engineering Systems Design in Healthcare
Thorpe, J. R., Maier, A., Forchhammer, H. B., Bardram, J. E., Andersen-Ranberg, K. & Clarkson, P. J.
Samfinansieret - Andet
15/12/2014 → 14/02/2019
Project: PhD
Data mining and visualization of human behavior data sets
Cuttone, A., Larsen, J. E., Jørgensen, S. L., Bardram, J. E., Musolesi, M. & Kjærgaard, M. B.
Technical University of Denmark
01/08/2013 → 15/03/2017
Project: PhD

RADMIS: Reducing the rate and duration of re-admission among patients with unipolar and bipolar disorder using smartphone-based monitoring and treatment
Bardram, J. E. & Winther, O.
Innovation Fund Denmark
01/03/2016 → 01/09/2019
Project: Research