

# Trambak Banerjee

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## CONTACT INFORMATION

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Web: <https://trambakbanerjee.github.io/>

## EDUCATION

Ph.D. Business Statistics (August 2015 – Expected May 2020)

MS Mathematical Finance, University of Oxford, UK (Jan 2013 – Apr 2015)

MS Statistics, Indian Statistical Institute, Kolkata (Jul 2004 – May 2006)

BS Statistics (Honors), University of Calcutta (Jun 2001 – Jun 2004)

## RESEARCH INTERESTS

Empirical Bayes & Shrinkage based methods, High Dimensional Statistics, Sparse Estimation theory, Joint Modeling of Longitudinal & Time-to-Event Data.

## PUBLICATIONS/SUBMITTED

[Adaptive Sparse Estimation with Side Information](#)

Banerjee. T, Mukherjee. G, and Sun. W (*under review*)

[Feature Screening in Large Scale Cluster Analysis](#)

Banerjee. T, Mukherjee. G, and Radchenko. P

*Journal of Multivariate Analysis* (2017), Volume 161, Pages 191-212.

[Mass Cytometric Analysis of HIV Entry, Replication, and Remodeling in Tissue CD4+ T Cells.](#) With Nadia Roan (UCSF Roan lab)

*Cell Reports* (2017), Volume 20, Issue 4, 984 – 998

## SOFTWARE

[fusionclust](#) – an R package for convex clustering and feature screening using L1 fusion penalty.

[asus](#) – an R package for adaptive SURE thresholding using side information.

## PRESENTATIONS / TALKS

Indian Institute of Management (IIM), Bangalore – Dec 2017

USC Marshall Statistics Seminar – Sept 2017, Sept 2016

Joint Statistical Meetings – July 2017, July 2016

## FELLOWSHIP / AWARDS

Provost Fellowship – University of Southern California, 2015-2017

Travel Award – 2016 SAMSI Optimization Workshop

Best paper award – [IIM Bangalore Analytics conference, Dec 2017](#)

Runner up – [Student poster competition at IISA conference, Dec 2017](#)

## WORK EXPERIENCES

Evaluesserve, Chile: Quantitative Modeler, May 2011 – Jun 2015

FICO, India: Lead Consultant, Jun 2006 – May 2011