

Siva Rajesh Kasa

Research Interests

High-Dimensional Statistics, Statistical Machine Learning and Bioinformatics

Education

- 2018–202X **Ph.D.**, *School of Computing*, National University of Singapore.
- 2016–2018 **Master of Business Administration**, *Decision Sciences and Statistics*, Indian Institute of Management, Bangalore, *GPA – 3.25/4*.
- 2008–2012 **Bachelor of Technology**, *Mechanical Engineering*, Indian Institute of Technology, Madras, *GPA – 8.85/10*.

Publications

HD, stats Gaussian Mixture Copulas for High-Dimensional Clustering and Dependency-based Subtyping, Siva Rajesh Kasa, Sakyajit Bhattacharya, Vaibhav Rajan, Bioinformatics (Oxford University Press)

Stats, ML A Test for detecting Structural Breakdowns in Markets using Eigenvalue Decompositions, Malay Bhattacharyya, Siva Rajesh Kasa, FEBS 2019

Preprints

HD, Stats, Clustering and Model Selection in Mixture Models for High-Dimensional Data and
ML Misspecified Models using Automatic Differentiation, Siva Rajesh Kasa, Vaibhav Rajan

Experience

- 2012–16 **Asst. Manager, Mechanical Engineering**, NTPC.
- May - June, **Program Management Intern**, VISA INC.
2017

Relevant Courses

- Theory Advanced Statistical Theory, Bayesian Machine Learning, Stochastic Processes and Multi-Armed Bandits
- Application Bioinformatics, Natural Language Processing

Skills

- Good R, PYTHON, MATLAB
- Intermediate HTML, L^AT_EX, Linux