

Mr. Omkar Kamalakar Salvi

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Profile Snapshot

M.Sc. in *Biostatistics (with additional Certificate Course in Financial Statistics)* from *Sardar Patel University, Anand* and B.Sc. in *Statistics* from *University of Mumbai, Mumbai* with working experience in field of clinical research as a Biostatistician. Experienced in handling multiple tasks with strong analytical and problem solving skills and possess outstanding communication, organizational, presentation and management skills.

Work Experience

1. Statistician cum Tutor

KJ Somaiya Medical College and Research Centre, Mumbai

September 2023 – Present

- Works with investigators to formalize analysis plans and reporting specifications; advises as to choice of statistical analysis strategies, reliability of measurements, and interpretation and presentation of statistical results.
- Teaching to MBBS Students and Nursing staff as subject expert of Biostatistics.
- Assists in the preparation of clinical trial protocols, and responses to requests from local Institutional Review Board, and other health authorities.
- Designs, analyzes, implements, and report's findings on targeted statistical research studies; provides consultation to investigators and researchers on experimental design and statistical research approaches, requirements, and scientific standards to advance medical knowledge and improve research in public health.
- Uses a variety of advanced statistical software, methods, and techniques to gather, analyze, and interpret research data to derive useful information for research data; advises and assists in the development of inferences and conclusions, as appropriate.
- Oversees and coordinates the work of statistical support staff, data entry staff, and students, as appropriate to the position, on a project, site, or operational basis.

2. Research Statistician

Tata Memorial Hospital, Mumbai

May 2021 – September 2023 (2 years 4 Months)

- Designs, analyzes, implements, and report's findings on targeted statistical research studies; provides consultation to investigators and researchers on experimental design and statistical research approaches, requirements, and scientific standards to advance medical knowledge and improve research in public health.
- Works with investigators to formalize analysis plans and reporting specifications; advises as to choice of statistical analysis strategies, reliability of measurements, and interpretation and presentation of statistical results.
- Assists in the preparation of clinical trial protocols, and responses to requests from local Institutional Review Board, and other health authorities.
- Uses a variety of advanced statistical software, methods, and techniques to gather, analyze, and interpret research data to derive useful information for research data; advises and assists in the development of inferences and conclusions, as appropriate.

- Develops enhancements to statistical software, as appropriate, by programming new techniques; maintains knowledge of current and emerging trends in statistical analysis methodology.
- Oversees and coordinates the work of statistical support staff, data entry staff, and/or students, as appropriate to the position, on a project, site, or operational basis.

3. Biostatistician

Raptim Research Limited, Mumbai

May 2018 – May 2021 (3 years)

- Providing Statistical inputs/review in clinical study designing and protocol preparation.
- Preparation of randomization schedule as per the SOP.
- Statistical analysis using SAS® (updated version).
- Statistical SOPs Preparation.
- Statistical report preparation and Statistical documentation.
- Review of Statistical documents.
- Archival of study related Statistical data.
- Preparation of CDISC data set using SAS programs.

4. Assistant Statistician

Tata Memorial Hospital, Mumbai

August 2014 – August 2016 (2 years)

- Performed Statistical analyses required for **CHEST (Cancer for Hypo pharynx and Esophagus Screening Trial) project** conducting in Ratnagiri District of Maharashtra.
- Responsible for records management.
- Analyzed data and studied how these will fit the existing figures.
- Analyzed unfamiliar patterns in collected data.
- Preparation of final statistics for records
- Participated in staff training sessions via meetings
- Involved in every aspect of survey procedures including data collection, research and development and data analysis.
- Coding, preparation of records and presentations.
- Utilized visual and practical skills in explaining statistical concepts to non-statisticians.

Publications

- Pawar Akash; Chowdhury Oindrila R.; Salvi Omkar. A narrative review of survival analysis in oncology using R. *Cancer Research, Statistics, and Treatment* 5(3):p 554-561, Jul-Sep 2022. | DOI: 10.4103/crst.crst_230_22
- Akhil Rajendra, Manju Sengar, V.N.Avinash Bonda, Hasmukh Jain, Lingaraj Nayak, Jayashree Thorat, Tanuja Shet, Sridhar Epari, Siddharth Laskar, Archi Aggarwal, V. Rangarajan, Sumeet Gujral, Bhausahab Bagal, Sangeeta Kakoti & Omkar Salvi (2023) Outcomes and prognostic factors of patients with Extranodal NK T cell lymphoma (ENKTL), *Leukemia & Lymphoma*, 64:12, 1914-1926, DOI: 10.1080/10428194.2023.2244101
- Martin Thomas, Vandana Agarwal, Ashwin DeSouza, Riddhi Joshi, Minal Mali, Karuna Panhale, Omkar K. Salvi, Reshma Ambulkar, Shailesh Shrikhande, Avnish Saklani (2023) Enhanced Recovery Pathway in Open and Minimally Invasive Colorectal Cancer Surgery: A Prospective study on Feasibility, Compliance and Outcomes, *Langenbeck's Archives of Surgery*, 408:99, DOI:10.1007/s00423-023-02832-5

National Seminars / Workshop attended

- Participated in Two-Day UGC SAP(I)-DRS(II) Sponsored National level Seminar on “Recent Advance in Statistics for Industries and Corporate” held in Department of Statistics, Sardar Patel University, Vallabh Vidyanagar-388 120, Anand, Gujrat, India on Feb, 10-11, 2017.
- Participated in Two-Day UGC SAP(I)-DRS(II) Sponsored National level Seminar on “Recent Advances in Statistics and their Application” held in Department of Statistics, Sardar Patel University, Vallabh Vidyanagar-388 120, Anand, Gujrat, India on March, 17-18, 2018.
- Organized the intercollegiate event ‘STATISTIKA’ in S.Y.B.Sc.
- Cleared the Elementary and Intermediate drawing exam with “B” grade.

Statistical Skills

- Knowledge and understanding of the principles, concepts, methods, and standards of statistical research.
- Ability to analyze, interprets, and draws conclusions from complex statistical information.
- Statistical Analysis Plan (SAP) preparation.
- Various parametric & non-parametric tests.
- Conclusion & interpretation of statistical results.
- Knowledge of various statistical methods useful in Clinical Research, BE studies & Clinical trials.
- Knowledge of SOP & Guideline terminology.
- Strong focus and quality of work.

Statistical Software Skills

- Experience in Statistical Software such as SPSS, R, SAS, MATLAB, MINITAB

Education

- **2018 M.Sc. (Biostatistics with Certification in Financial Statistics)** from *Sardar Patel University, Anand, Gujarat* and secured **CGPA 6.18**
- **2012 B.Sc. (Statistics)** from *University of Mumbai, Mumbai, Maharashtra* and secured **53.37%**
- **2009 12th** from *Ramniranjan Jhunjunwala College, Ghatkopar, Mumbai* and secured **61.50%**
- **2007 10th** from *Sahyadri Vidyamandir, Bhandup, Mumbai* and secured **84.46%**

Certification

- **2017** Successfully Complete **Certificate Course in SPSS** from *Sardar Patel University, Anand, Gujarat*.
- **2018** Successfully Complete **Certificate Course in Financial Statistics** from *Sardar Patel University, Anand, Gujarat*.

Personal Details

Date of Birth: 15th Jan 1991

Languages known: English, Marathi, Hindi, Gujarathi

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