

CURRICULUM VITAE

R.V. RAMAMOORTHY

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Thesis: *Sufficiency, Pairwise Sufficiency and Bayes Sufficiency in undominated experiments.*

The Indian Statistical Institute, Calcutta 1981

POSITIONS AND APPOINTMENTS

1981-82	Visiting Assistant Professor, Florida State University
1982-84	Visiting Assistant Professor, Michigan State University
1984-90	Assistant Professor, Michigan State University
1985-86	Visiting Scientist, Indian Statistical Institute, Calcutta
1990-99	Associate Professor, Michigan State University
1993-94	Visiting Scientist, Indian Statistical Institute at Calcutta, New Delhi and Bangalore.
1999-	Professor, Michigan State University

OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

2003 - Member, Editorial Board of Sankhya, The Indian Journal of Statistics

Member, IMS

Member ASA

PUBLICATIONS

- BOOK

- 1 Ghosh, J.K., Ramamoorthi, R.V. (2003). Bayesian Nonparametrics. New York: Springer.

- CHAPTERS

- 2 Dey, J., Draghici, L. and Ramamoorthi, R.V. Characterizations of Tail-free and Neutral to the Right Priors. In *Advances on Theoretical and Methodological Aspects of Probability and Statistics (IISA 1998)*, Ed. N. Balakrishnan, 2, 305-315, 2002 New York: Taylor & Francis
- 3 Ghosh, J.K., Ghosal, S. and Ramamoorthi, R.V. Consistency issues in Bayesian nonparametrics. In *Asymptotics, Nonparametrics and Time Series*. Ed. S. Ghosh, 639-668, 1999, Marcel Dekker.
- 4 Ghosh, J.K., Ghosal, S. and Ramamoorthi, R.V. Non-informative priors via sieves and packing numbers. In *Advances in Statistical Decision Theory and Applications*, Ed. S. Panchapakesan and N. Balakrishnan, 119-132, 1997, Birkhauser.
- 5 Ghosh, J.K., and Ramamoorthi, R.V. Consistency of Bayesian inference for survival analysis with or without censoring. In *IMS Monograph: Proceedings of Workshop on Reliability*, Ed. By H.L. Koul and J.V. Deshpande, 27, 95-103, 1995.

- ARTICLES

- 6 Ramamoorthi, R.V. and Sangalli, L. On a characterization of Dirichlet distributions. To appear
- 7 Messan, C., Ghosh, J.K., Hjort, N.L. and Ramamoorthi, R.V. Non Parametric Bayes estimate of the Bivariate Survival Curve. *Statist. Plann. Inference*, 136 (2006), 2297-2308.
- 8 Dragichi, L. and Ramamoorthi, R.V. Posterior consistency of Dykstra-Laud priors. *Sankhya Series A*, 65, 464-481, 2003.
- 9 Ghosh, J.K., Ghosal, S. and Ramamoorthi, R.V. A note on posterior consistency for semiparametric regression problems. *Bernoulli*, 9: 291-312, 2003
- 10 Dey, J., Erickson, R.V. and Ramamoorthi, R.V. Some Aspects of Neutral to Right Priors. *International Statistical Review*, 71(2), 383-401, 2003.
- 11 Dragichi, L. and Ramamoorthi, R.V. A note on absolute continuity and singularity of Polya tree priors and posteriors. *Scandinavian Journal of Statistics*, 27, 299-304, 2000.
- 12 Ghosh, J.K., Ghosal, S. and Ramamoorthi, R.V. Bayesian density estimation using Dirichlet mixtures. *Annals of Statistics*, 27, 143-158, 1999.

- 13 Ghosh, J.K. , Ghosal, S. and Ramamoorthi, R.V. Consistent semi-parametric Bayesian inference about a location parameter. *Journal of Statistical Planning and Inference*, 77:181-193, 1999.
- 14 Ramamoorthi, R.V. and Srikanth, K.R. Dirichlet process and polya tree priors. *The Encyclopedia of Statistical Sciences* , Update Volume 3, 166-172, 1999.
- 15 Ghosh, J.K. , Ramamoorthi, R.V. and Srikanth, K.R. Bayesian analysis of censored data. *Statistics and Probability Letters*, 41, 255-265, 1999.
- 16 Ramamoorthi, R.V. Discussion of 'On the impossibility of causal inference without background knowledge' by J. Robins and L. Wasserman. *Proceedings of the Workshop on Bayesian Model Selection*, Cagliari, Italy, 1997.
- 17 Gardiner, J., Wang, Z. and Ramamoorthi, R.V. Identifiability in interval censorship models. *Statistics and Probability Letters*, 21, 215-221, 1994.
- 18 Andhivarothai, N. and Ramamoorthi, R.V. On partial sufficiency and least favorable experiments. *Scandinavian Journal of Statistics*, 21, 493-500, 1994.
- 19 Ramamoorthi, R.V. On Bayes sufficiency and separation of strongly convex sets. *Proc. Amer. Math. Soc.*, 111, 239-245, 1991.
- 20 Ramamoorthi, R.V. Sufficiency, ancillarity and independence in invariant models. *Journal of Statistical Planning Inference*, 26, 59-63, 1990.
- 21 Ramamoorthi, R.V. Equivalence of behavioral and randomized equivariant rules. *Statistics and Decisions*, 7, 96-104, 1989.
- 22 Ramamoorthi, R.V. and Roy, K.K. A note on weakly dominated experiments. *Sankhya Series A*, 49:128-129, 1986.
- 23 Ramamoorthi, R.V. Book Review: 'Theory of Statistical Experiments' by H. Heyer. *Journal of Amer. Stat. Assoc.*, 80, 489, 1985.
- 24 Blackwell, D and Ramamoorthi, R.V. A Bayes but not classically sufficient statistics. *Annals of Statistics*, 10, 1025-1026, 1983.
- 25 Ramamoorthi, R.V. and Yamada, S. Neyman factorization theorem for experiments admitting densities. *Sankhya Series A*, 45, 168-180, 1983.
- 26 Ramamoorthi, R.V. and Yamada, S. On the union of compact statistical structures. *Osaka Journal of Mathematics*, 20, 257-264, 1983.
- 27 Ramamoorthi, R.V. On sufficiency and pairwise sufficiency in standard Borel spaces II. *Osaka Journal of Mathematics*, 19, 577-586, 1982.
- 28 Ramamoorthi, R.V. On sufficiency and pairwise sufficiency in standard Borel spaces. *Sankhya Series A*, 42, 139-145, 1980.
- 29 Ramamoorthi, R.V. and Roy, K.K. Relationship between Bayes, Classical and Decision Theoretic Sufficiency. *Sankhya Series A*, 41, 488-458, 1979.

- ABSTRACTS

- Patterns of Sport-Caught Great Lakes Fish Consumption among Men Attending Michigan Infertility Clinics.éa Potter RC, Wirth JJ, Rossano MG, McQueeney J, Diamond MP, Daly DC and Paneth N.éa The 4th Annual Michigan Epidemiology Conference. March 11, 2005 Ann Arbor, Michigan.
- Life Style Factors: Affects on Semen Parameters in Infertile Couples.éa Elizabeth E. Puscheck, Mary G. Rossano, Rachel Potter, R.V. Ramamoorthi, JulieMcQueeney, Michael P. Diamond, Nigel Paneth, and Julie Wirth. The 52nd Annual Meeting, March 23-26, 2005éa Los Angeles, California.
- Pilot study on phthalate monoester levels in Great Lakes fish consumers. J. Wirth, R. Potter, A.M. Calafat, M. Rossano, E. Puscheck, RV. Ramamoorthi and M.P. Diamond. Accepted to the 17th annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER), June 26-27, 2005 Toronto, Canada.

- PH.D. STUDENTS

- Andhivarothai Nupun: Thesis: Sufficiency in the presence of Nuisance Parameters
- Srikanth, K.R. Thesis: Posterior Consistency in some Bayesian Non-parametric problems ¶
- Dey, Jyotirmoy Thesis: Neutral to right priors
- Dragichi, Liliana Thesis: Some aspects of Polya tree and Dykstra-Laud Priors