Patchanok Srisuradetchai

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Permanent Address
Department of Mathematics and Statistics
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Education

- Ph.D. Candidate in Statistics, Montana State University - Bozeman (MSU), USA, Jan 2013 - present.
- M.S. in Statistics, Montana State University - Bozeman (MSU), USA, Dec 2012.
- M.S. in Statistics, National Institute of Development Administration, Thailand, May 2008.
- B.Sc. in Statistics (First-class honours), Thammasat University, Thailand, May 2006.

Research Interest

- Response surface methodology, Optimum designs
- Computational Statistics using R and SAS
- Statistical modeling

Experience

Thammasat University, Rangsit Center, Pathum Thani, Thailand, 12121
Instructor   Sep 2008 - Dec 2010
Leaving for studying at MSU   Jan 2011 - Present.

Honors

- Full Ph.D. scholarship from 2011 to 2015, Thammasat University.
- Research scholarship in 2009, Thammasat University.
- Award for excellent independence Study in year 2009, National Institute of Development Administration, Thailand.
- Honorary Pin for Excellent Score for Bachelor Degree in Statistics from King Bhumibol Scholarship, Thammasat University.
- Golden Pin Award with Certificate for the Best Bachelor Degree in Statistics from Professor Dr. Tab Nilanidhi Foundation, Thailand.

Certification & License

- SAS Certified Base Programmer for SAS 9
  Certificate Serial Number: **BP039740v9**, 2014 - present

R package Maintainer

- **Srisuradetchai, P.** and Borkowski, J.J., *Skillings.Mack*, The R project for statistical computing http://www.r project.org/, 2013.
- **Srisuradetchai, P.** and Borkowski, J.J., *VdgRsm*, The R project for statistical computing http://www.r project.org/, 2014.

Publications

- Sung, H.K., **Srisuradetchai, P.** and Volodin, A., *A note on the exponential inequality for a class of dependent random variables*, Journal of the Korean Statistical Society 40 (2011), pp. 109–114.

- Yasungnoen, N. and **Srisuradetchai, P.**, *Comparison of Model Selection Method Using Data from Classical Designed Experiment*, Advanced Materials Research 677 (2013), pp. 357–362

Conference

- **Srisuradetchai, P.**, *Robustness of Response Surface Designs against Missing Data*, Fall Meeting of the Montana Chapter of the American Statistical Association, USA, September 23rd, 2014.

- **Srisuradetchai, P.** and Suwattee, P., *A Comparison of the Efficiency of Simple Random Sampling and Probability Proportional to Size Sampling*, Conference on Statistics and Applied Statisics, Thailand, May 25th, 2008.