Tingting Yu

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EDUCATION

Ph.D. in Statistics,
University of British Columbia, Vancouver, BC, Canada,
2013 - In progress

M.Sc. in Statistics,
University of British Columbia, Vancouver, BC, Canada,
2011 - 2013

B.Sc. in Statistics,
Zhejiang University of Finance and Economics, Hangzhou, Zhejiang, China,
2007 - 2011

RESEARCH INTERESTS

- Joint modelling;
- Longitudinal and survival data analysis;
- Missing data, measurement errors, censoring data, outliers;
- Cancer and HIV/AIDS studies.

ACADEMIC/WORKING EXPERIENCES

Data Scientist/Researcher, Ecoation Innovative Solutions Inc   Jan 2018 - Current

Research Assistant, UBC   May 2012 - Current

Statistical Consultant, Short Term Consulting Service, UBC   May 2012 - Aug 2017

Research Assistant, Fred Hutchinson Cancer Research Center   Sep 2014 - July 2017

Data Analyst, BC Cancer Research Center   Dec 2016 - Jun 2017

Teaching Assistant, UBC   Jan 2012 - Apr 2017
STAT 241/251: Introductory Probability and Statistics/Elementary Statistics,

- head TA, Jan 2013 - Apr 2017
- held labs and TA office hours
- helped with making lab materials, Jan 2015-May 2015
- helped with making lecture notes, Jul 2012-Dec 2012

Teaching Assistant, UBC   Sep 2011 - Dec 2011
STAT 200: Elementary Statistics for Applications,
- held labs and TA office hours

Volunteer Experience	*Short Term Consulting Service Manager*, UBC	Feb 2017 - Aug 2017

Graduate student seminar organizer, UBC   Sep 2015 - Apr 2016
- organized weekly graduate student seminar
- organized student seminar lecture series on statistical analysis of network data

PUBLICATIONS

T.T. Yu, L. Wu, and P.B. Gilbert (2018). Robust joint modelling of mixed and truncated longitudinal data and survival data. *under preparation*.

T.T. Yu, L. Wu, and P.B. Gilbert (2018). New Approaches for Censored Longitudinal Data in Joint Modelling of Longitudinal and Survival Data, with Application to HIV Vaccine Studies. *under revision*.

T.T. Yu, L. Wu, and P.B. Gilbert (2017). A joint model for mixed and truncated longitudinal data and survival data, with application to HIV vaccine studies. *Biostatistics*.

T.T. Yu and L. Wu (2016). Robust Modelling of the Relationship Between CD4 and Viral Load for Complex AIDS Data. *Journal of Applied Statistics*.

Y. Cheng, L. Wu, C. Lum, J. Zidek, and T.T. Yu (2016). Wood Property Relationships and Survival Models in Reliability. *Applied Stochastic Models in Business and Industry*.

L. Wu and T.T. Yu (2016). Joint Modeling of Longitudinal and Survival Data. *Wiley StatsRef: Statistics Reference Online*.

TALKS & PRESENTATIONS

A joint model for mixed and censored longitudinal data and survival data, with application to HIV vaccine studies, Winter 2016 SFU/UBC Joint Seminar, March 2016.

Jointly Modeling Longitudinal Process with Measurement Errors, Missing Data, and Outliers, Statistical Society of Canada Annual Meeting, University of Toronto, May 2014.

Causal effect of economic recession on TV viewing and video game playing in the last decade in the United States, Statistical Society of Canada Annual Meeting, University of Toronto, May 2014.

HONOURS & AWARDS

2014 SSC Travel Award

2013-17 Faculty of Science Graduate Award (Ph.D.)

2011-13 Faculty of Science Graduate Award (M.sc.)

2007-2010 Second Prize of Excellent Undergraduate Scholarship

2009 Second Prize in Zhejiang Contest District in China Undergraduate Mathematical Contest in Modeling

2009 Zhejiang Province Undergraduate Statistical Research Competition Winner

2009/2008 Second/Third Prize in Zhejiang Province Collegiate Advanced Mathematics (Calculus) Contest in China