

Yaqiong Wang

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EDUCATION

Carlson School of Management, University of Minnesota	2015 - 2020
PhD in Business Administration	
Major: Information & Decision Sciences (expected graduation date 5/2020)	
Advisor: Gediminas Adomavicius	
School of Economics and Management, Beihang University	2012 - 2015
Master of Management Science and Engineering	
School of Economics and Management, Beihang University	2008 - 2012
Bachelor of Management of Information Systems	

RESEARCH INTERESTS

Topics Intended and unintended consequences of machine learning
Multi-channel retailing management; Online offline synergy; Online review analysis
Recommender Systems
Predictive Analytics

Methods Machine learning; Experiments; Econometrics

JOURNAL PUBLICATIONS

Wu Z, Cao J, **Wang Y**, Wang Y, Zhang L, & Wu J. hPSD: A Hybrid PU-Learning-Based Spammer Detection Model for Product Reviews. *IEEE Transactions on Cybernetics* (2018).

PAPERS UNDER REVIEW

Adomavicius G, & **Wang Y**. Improving Reliability Estimation for Individual Numeric Predictions: A Machine Learning Approach. *Journal on Computing*, in preparation for 2nd round review.

Wang Y, Wu J, Wu Z, & Adomavicius G. From Head to Long Tail: Flexible Recommendation using Cosine Patterns. *Information Systems Research*, under 1st round review.

WORK IN PROGRESS

Chan J, **Wang Y**, Xu K, & Chen X. The Role of Physical Stores in the Digital Age: Quasi-Experimental Evidence from Product Level Analysis. Target Journal: *Marketing Science*, in preparation for submission.

Adomavicius G, Curley S, & **Wang Y**. Aesthetic Appeal in Artificial Intelligence: Effect of Stylists' Fit Expertise on Performance of Apparel Recommender Systems. In preparation for experiment running.

Adomavicius G, Bi X, & **Wang Y**. Cosine Regularized Matrix Factorization for Long Tail Recommendation. In preparation for experiment running.

CONFERENCE PAPERS AND PRESENTATIONS

Wang Y, Wu J, Wu Z, & Adomavicius G. From Head to Long Tail: Flexible Recommendation using Cosine Patterns. Workshop on Information Technologies and Systems (*WITS*), San Jose, California, 2018.

Chan J, **Wang Y**, Xu K, & Chen X. The Role of Physical Stores in the Digital Age: Quasi-Experimental Evidence from Product Level Analysis. Workshop on Information Systems and Economics (*WISE*), San Francisco, California, 2018.

Chan J, **Wang Y**, Xu K, & Chen X. How Bricks Add to Clicks? Understanding the Impact of Showrooming on Online Purchase Behaviors. Conference on Information Systems and Technology (*CIST*), Phoenix, Arizona, 2018.

Chan J, **Wang Y**, Xu K, & Chen X. How Bricks Add to Clicks? Understanding the Impact of Showrooming on Online Purchase Behaviors. Summer Academic Conference (*AMA*), Boston, Massachusetts, 2018.

Adomavicius G, & **Wang Y**. Improving Reliability Estimation for Individual Numeric Predictions: A Machine Learning Approach. Workshop on Information Technologies and Systems (*WITS*), Seoul, Korea, 2017.

Adomavicius G, & **Wang Y**. Improving Reliability Estimation for Individual Numeric Predictions: A Machine Learning Approach. Winter Conference on Business Analytics (*WCBA*), Snowbird, Utah, 2017.

Wu Z, Wang Y, **Wang Y**, Wu J & Cao J. On Detecting Spammers from Product Reviews: A Hybrid Learning. International Conference on Data Mining (*ICDM*), Atlantic City, New Jersey, 2015.

Wang Y, Liu H, Lin H, Wu J, Wu Z, & Cao J. SEA: A System for Event Analysis on Chinese Tweets. ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (*KDD Demo*), Chicago, Illinois, 2013.

TEACHING

IDSc 4444 Descriptive and Predictive Analytics

(Spring/Fall 2018)

IS major and minor juniors and seniors; Enrollment:48

Instructor Rating: 5.35/6.00

Served as a Teaching Assistant

Modeling and Heuristics for Decision Making, Spring 2019

Predictive Analytics, Fall 2017/2016

Introduction to Programming, Spring 2017/Fall 2015

Information Technologies and Solutions, Spring 2016

Programming for Data Science, Fall 2015

HONORS AND AWARDS

Carlson School of Management Dissertation Fellowship, University of Minnesota, 2019-2020

Outstanding Graduate Award, Beihang University, 2015

Graduated with Honors, Beihang University, 2012

National Scholarship, Ministry of Education, China, 2011

SERVICES

Reviewer

International Conference on Information Systems (2017 2018 2019)

Conference on Information Systems and Technology (2018)

Workshop on Information Technologies and Systems (2017, 2018)

European Conference on Information Systems (2018 2019)

Session Chair

AMA Summer Academic Conference (2018)

Conference on Information Systems and Technology (2018)

TECHNICAL SKILLS

Python, R, Stata, RapidMiner, MySQL, LATEX