JADON WAGSTAFF

jadon.wagstaff@hci.utah.edu

EDUCATION

Master of Science in Statistics   May 2021
College of Science, Utah State University, Logan, UT
Thesis:
"Regionalized Models with Spatially Continuous Predictions at the Borders"

Data Science Graduate Certificate   May 2017
School of Computing, University of Utah, Salt Lake City, UT

Bachelor of Science in Mathematics, Minor in Biology   May 2015
College of Science, Utah Valley University, Orem, UT

PROFESSIONAL EXPERIENCE

Biostatistician I   May 2021 - Present
Varley Lab,
Huntsman Cancer Institute, Salt Lake City, UT

Research Assistant   Jan 2020 - May 2021
Teaching Assistant   Aug 2019 - Dec 2019
Department of Mathematics and Statistics,
Utah State University, Logan, UT

Research Analyst   Jun 2017 - Aug 2019
Division of Clinical Pharmacology,
University of Utah School of Medicine, Salt Lake City, UT

TECHNICAL SKILLS

R	ooooo	Bash / HPC	ooo
C++	ooo	LaTeX	ooo
Python	oo	JavaScript / D3	ooo
MATLAB	oo	HTML / CSS	oo
SAS	o	Git	oo

JOURNAL ARTICLES

Wagstaff, J.S. & Bean, B. remap: regionalized models with spatially smooth predictions. *The R Journal.* (Accepted for publication.)

Wagstaff, J.S., Durrant, R.J., Newman, M.J., Eason, R., Ward, R.M., Sherwin, C.M., & Enioutina, E.Y. (2019). Antibiotic treatment of suspected and confirmed neonatal sepsis within 28 days of birth: a retrospective analysis. *Frontiers in Pharmacology*, 10, 1191. https://doi.org/10.3389/fphar.2019.01191

Becker, S.M., Job, K.M., Lima, K., Forbes, T.J., **Wagstaff, J.**, Tran, N.K., Sherwin, C.M., Nelson, D.S., Johnson, M.D., & Rower, J.E. (2019). Prospective study of serum and ionized magnesium pharmacokinetics in the treatment of children with severe acute asthma. *European Journal of Clinical Pharmacology*, 75(1), 59-66. https://doi.org/10.1007/s00228-018-2557-7

WORKING PAPERS

Wagstaff, J.S., Bean, B., Wheeler, J., Maguire, M., & Sun, Y. Adaptive mapping of design ground snow loads in the conterminous United States. *Journal of Structural Engineering.* (Submitted.)

Bean, B., Maguire, M., **Wagstaff, J.S.**, Wheeler, J., Al-Rubaye, S., Jarman, S., Rogers, M., & Sun, Y. Site specific calculations of reliability-targeted design snow loads for the United States. *Journal of Structural Engineering.* (In preparation.)

TECHNICAL REPORTS

Bean, B., Maguire, M., Sun, Y., **Wagstaff, J**., Al-Rubaye, S.A., Wheeler, J., Jarman, S., & Rogers, M. (2021). The 2020 national snow load study (paper 276). *Utah State University, Mathematics and Statistics Faculty Publications.* https://doi.org/10.26077/200k-pr86

SOFTWARE

Wagstaff, J., Bean, B. (2021). remap: regional spatial modeling with continuous borders. *The Comprehensive R Archive Network (CRAN).* https://github.com/jadonwagstaff/remap

Wagstaff, J. (2018). sboost: machine learning with AdaBoost on decision stumps. *The Comprehensive R Archive Network (CRAN).* https://github.com/jadonwagstaff/sboost

ABSTRACTS AND PRESENTATIONS

Wagstaff, J.S., Newman, M., & Enioutina, E.Y. (2019). Empiric treatment of neonatal early-onset sepsis: a retrospective analysis of the University of Utah Hospital cases [Abstract 43]. *Clinical Pharmacology in Drug Development*, 8(S1), 30. (Created poster for the 2019 meeting of the American College of Clinical Pharmacology, Chicago, IL.)

Yellepeddi, V., **Wagstaff, J.S.**, & Constance, J.E. (2019). A physiologically-based pharacokinetic model for intravenous voriconazole in pediatric patients with and without cancer [Abstract 119]. *Clinical Pharmacology in Drug Development*, 8(S1), 85–86.

Wagstaff, J.S., Eason, R., Newman, M., Sherwin, C.M., & Enioutina, E.Y. (2018). Characterization and treatments of neonatal late-onset sepsis: a retrospective analysis of the Univ of Utah Hosp cases [Abstract 114]. *Clinical Pharmacology in Drug Development*, 7(S1), 89–90. (Created and presented poster for the 2018 meeting of the American College of Clinical Pharmacology, Bethesda, MD.)

AWARDS AND HONORS

Graduate Student Research in Excellence 2020, 2021
Department of Mathematics and Statistics,
Utah State University, Logan, UT

Graduate Student Computational Expertise 2020
Department of Mathematics and Statistics,
Utah State University, Logan, UT

SEE ALSO

Website: `https://jadonwagstaff.github.io`
Code: `https://github.com/jadonwagstaff`