Trong Dat **Do**

Curriculum Vitae

Personal Informations

Nationality **Vietnamese**

Date of Birth **19 June, 1997**

Address **1435 McIntyre St, Ann Arbor MI 48105**

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Education

2019– **Graduate**, *University of Michigan*, Department of Statistics, Ann Arbor, MI, America.
GPA : 4/4

2015–2019 **Undergraduate**, *Hanoi University of Science*, Honor Program in Mathematics, Hanoi, Vietnam.
GPA : 3.88/4

Publications

- **Dat Do**, Nhat Ho, and XuanLong Nguyen. "Beyond Black Box Densities: Parameter Learning for the Deviated Components." *Advances in Neural Information Processing Systems* 35 (NeurIPS 2022) [Paper link] ArXiv:2202.02651.

- Khang Le, Dung Le, Huy Nguyen, **Dat Do**, Tung Pham, and Nhat Ho. "Entropic gromov-wasserstein between gaussian distributions." *In International Conference on Machine Learning*, pp. 12164-12203. PMLR, 2022 [Paper link] ArXiv: 2108.10961.

- TC Son, LV Dung, **Dat Do**, TT Trang. "Generalized Marcinkiewicz laws for weighted dependent random vectors in Hilbert spaces." *Theory of Probability & Its Applications* 67 (3), 434-451 [Paper link].

Preprints

- **Dat Do**, Linh Do, XuanLong Nguyen. "Strong identifiability and parameter learning in regression with heterogeneous response." arXiv preprint (2022) [Paper link] ArXiv:2212.04091, under review with Journal of the American Statistical Association (JASA).

- Jiacheng Zhu, Aritra Guha, **Dat Do**, Mengdi Xu, XuanLong Nguyen, and Ding Zhao. "Functional optimal transport: map estimation and domain adaptation for functional data." arXiv preprint arXiv:2102.03895 (2021) [Paper link] ArXiv:2102.03895, under review with Journal of Machine Learning Research (JMLR).

- Trung Le, **Dat Do**, Tuan Nguyen, Huy Nguyen, Hung Bui, Nhat Ho, and Dinh Phung. "On Label Shift in Domain Adaptation via Wasserstein Distance." arXiv preprint arXiv:2110.15520 (2021) [Paper link] ArXiv:2110.15520.

Talks

2/2022   "Functional optimal transport: map estimation and domain adaptation for functional data." AAAI Workshop 2022 on Optimal Transport and Structured Data Modeling (virtually).

3/2022   "Functional optimal transport: map estimation and domain adaptation for functional data." Michigan Student Symposium for Interdisciplinary Statistical Sciences 2022 (Ann Arbor, Michigan).

10/2022   "Strong identifiability and parameter learning in regression with heterogeneous response." 13th International Conference on Bayesian Nonparametrics (Puerto Varas, Chile).

Teaching and Advising

2019–   **Graduate Student Instructor**, *Department of Statistics, University of Michigan*.
- STATS 425: Introduction to Probability
- STATS 412: Introduction to Probability and Statistics
- STATS 510: Probability and Distribution theory
- STATS 425: Introduction to Probability
- STATS 621: Probability Theory 2
- STATS 430: Applied Probability
- STATS 499: Honors Seminar

Computer skills

Programming   Python, R, Java
Demonstration   Maple, LaTeX

Academic Awards, Titles, and Scholarships

- Outstanding first-year Ph.D. student, Department of Statistics, University of Michigan 2020

- Valedictorian of Hanoi University of Science, Vietnam National University 2019