

## Refereed Publications

- [1] S. Hoseinipour, M. Aminghafari, A. Mohammadpour, and M. Nadif, “A sparse exponential family latent block model for co-clustering,” *Advances in Data Analysis and Classification*, pp. 1–37, 2024. <https://doi.org/10.1007/s11634-024-00608-3>
- [2] A. H. Ghatari, M. Aminghafari, and A. Mohammadpour, “A new type of LASSO regression model with Cauchy noise,” *Journal of Agricultural, Biological, and Environmental Statistics*, vol. 29, pp. 277–300, 2024. <https://doi.org/10.1007/s13253-023-00583-w>
- [3] S. A. M. Bassam and A. Mohammadpour, “Nonlinear stable least trimmed squares for regression models with stable errors,” *Fluctuation and Noise Letters*, pp. 1–20, 2024. <https://doi.org/10.1142/S0219477525500142>
- [4] S. S. Mousavi and A. Mohammadpour, “Simulating mixture of sub-Gaussian spatial data,” *AUT Journal of Mathematics and Computing*, vol. 5, no. 1, pp. 1–9, 2024. [https://ajmc.aut.ac.ir/article\\_5104.html](https://ajmc.aut.ac.ir/article_5104.html)
- [5] S. Nasr Esfahani, A. Mohammadpour, and O. Naghshineh A., “Stress–strength reliability estimation for gamma distributions in a noisy system,” *Fluctuation and Noise Letters*, pp. 1–15, 2024. <https://doi.org/10.1142/S0219477524500585>
- [6] S. Hoseinipour, M. Aminghafari, and A. Mohammadpour, “Orthogonal parametric non-negative matrix tri-factorization with  $\alpha$ -divergence for co-clustering,” *Expert Systems with Applications*, vol. 231, p. 120680, 2023. <https://dx.doi.org/10.1.1/jpb001>
- [7] S. S. Mousavi, A. Mohammadpour, and H. Baghishani, “Hierarchical clustering with spatial adjacency constraints in heavy-tailed areal data,” *Communications in Statistics-Simulation and Computation*, pp. 1–21, 2023. <https://doi.org/10.1080/03610918.2023.2184761>
- [8] S. A. M. Bassam and A. Mohammadpour, “Least trimmed squares for regression models with stable errors,” *Fluctuation and Noise Letters*, pp. 1–18, 2023. <https://doi.org/10.1142/S0219477523500499>
- [9] M. Teimouri, A. Mohammadpour, and S. Nadarajah, “alphastable: An R package for modelling multivariate stable and mixture of symmetric stable distribution,” 2022. <https://cran.r-project.org/web/packages/alphastable/alphastable.pdf>
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- [11] R. Alizadeh N. and A. Mohammadpour, “Regression with stable errors based on order statistics,” *Fluctuation and Noise Letters*, vol. 21, no. 02, p. 2250014, 2022. <https://doi.org/10.1142/S0219477522500146>
- [12] R. Alizadeh N. and A. Mohammadpour, “Comparing regression methods with non-Gaussian stable errors,” *AUT Journal of Mathematics and Computing*, vol. 3, no. 1, pp. 77–91, 2022. <https://doi.org/10.22060/AJMC.2021.20246.1062>
- [13] R. Alizadeh N. and A. Mohammadpour, “Multivariate regression with stable errors using order statistics,” *Fluctuation and Noise Letters*, vol. 21, no. 03, p. 2250029, 2022. <https://doi.org/10.1142/S0219477522500298>
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- [15] M. Seidpisheh, S. Babayi, and A. Mohammadpour, “Feature clustering of noisy data and application in the currency market,” *Fluctuation and Noise Letters*, vol. 21, no. 06, p. 2250058, 2022. <https://doi.org/10.1142/S0219477522500584>
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