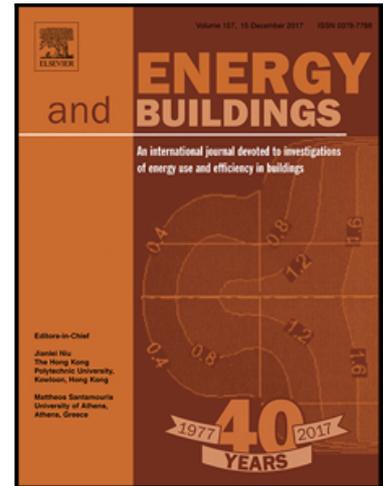


## Accepted Manuscript

Analyze the Energy Consumption Characteristics and Affecting Factors of Taiwan's Convenience Stores-Using the Big Data Mining Approach

Chung-Feng Jeffrey Kuo , Chieh-Hung Lin , Ming-Hao Lee

PII: S0378-7788(17)33434-5  
DOI: [10.1016/j.enbuild.2018.03.021](https://doi.org/10.1016/j.enbuild.2018.03.021)  
Reference: ENB 8407



To appear in: *Energy & Buildings*

Received date: 15 October 2017  
Revised date: 22 February 2018  
Accepted date: 6 March 2018

Please cite this article as: Chung-Feng Jeffrey Kuo , Chieh-Hung Lin , Ming-Hao Lee , Analyze the Energy Consumption Characteristics and Affecting Factors of Taiwan's Convenience Stores-Using the Big Data Mining Approach, *Energy & Buildings* (2018), doi: [10.1016/j.enbuild.2018.03.021](https://doi.org/10.1016/j.enbuild.2018.03.021)

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## Highlights

- Machine learning is tolerant of complex convenience stores dynamic energy consuming.
- The WEKA can explore the energy consumption characteristic and implicit knowledge.
- The lighting and refrigeration are the key factors affecting energy consumption.
- The minimum relative humidity is the key climate factor affecting energy consumption.
- Configuring of lighting, area and refrigerator can optimize energy efficiency

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