

Short Paper

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Abstract

This is the abstract. It consists of two paragraphs.

Keywords: One; Two; Three; Four; Five

Highlights

- First
- Second
- Third

1. Introduction

Jia and Chong [1] proposed an R package for conducting data-driven analytics with EnergyPlus [2].

The objectives of this paper are to:

1. One
2. Two

2. Methodology

2.1. Overview

2.2. Math

Eq. (1) gives the definition.

$$\bar{X} = \frac{1}{n} \sum_{i=1}^n X_i \quad (1)$$

3. Results

Fig. 1 gives a pie plot. @ (fig:plot)

Table 1 gives a result table.

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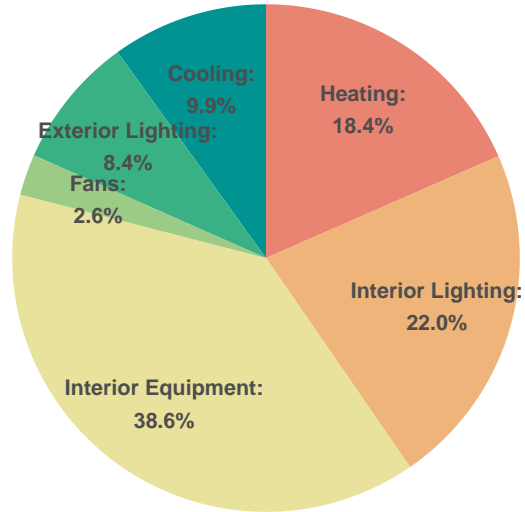


Figure 1: A pie plot

23 4. Discussion

24 5. Conclusion

25 Data availability

26 The research compendium for this article can be found at [https://github.](https://github.com/YouName/RepoName)
 27 [com/YouName/RepoName](https://github.com/YouName/RepoName), hosted at GitHub.

28 CRediT authorship contribution statement

29 Acknowledgements

30 This research was supported by ...

31 References

- 32 [1] Hongyuan Jia and Adrian Chong. Eplusr: A framework for integrating
 33 building energy simulation and data-driven analytics. *Energy and Buildings*,
 34 237:110757, April 2021. ISSN 03787788. doi: 10.1016/j.enbuild.2021.110757.
 35 URL <https://linkinghub.elsevier.com/retrieve/pii/S0378778821000414>.

Table 1: A result table

| Category | Electricity (kWh/m ²) |
|--------------------|-----------------------------------|
| Heating | 28.3629087 |
| Cooling | 15.3030635 |
| Interior Lighting | 33.8003609 |
| Exterior Lighting | 12.9666251 |
| Interior Equipment | 59.4641332 |
| Exterior Equipment | 0.0000000 |
| Fans | 4.0148730 |
| Pumps | 0.0148409 |
| Heat Rejection | 0.0000000 |
| Humidification | 0.0000000 |
| Heat Recovery | 0.0000000 |
| Water Systems | 0.0000000 |
| Refrigeration | 0.0000000 |
| Generators | 0.0000000 |
| Total End Uses | 153.9268053 |

- [2] Drury B. Crawley, Linda K. Lawrie, Frederick C. Winkelmann, W. F. Buhl, Y. Joe Huang, Curtis O. Pedersen, Richard K. Strand, Richard J. Liesen, Daniel E. Fisher, Michael J. Witte, and Jason Glazer. EnergyPlus: Creating a new-generation building energy simulation program. *Energy and Buildings*, 33(4):319–331, April 2001. ISSN 0378-7788. doi: 10.1016/S0378-7788(00)00114-6. URL <http://www.sciencedirect.com/science/article/pii/S0378778800001146>.