

Are Lower Income Communities Given More Noise Exemptions*

My subtitle if needed

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TODO: FINISH THIS LATER

1 Introduction

You can and should cross-reference sections and sub-sections. We use R Core Team (2023) and Wickham et al. (2019).

The remainder of this paper is structured as follows. Section 2....

2 Data

Table 1: Sample of Noise Exmption Dataset

Permit Type	Ward Number	Exemption Issue Year	Expected Permit End Year	Ward Total Area (km squared)	Ward Total Population	Ward Median Income (CAD)
construction	3	2024	2024	39.99417	139920	47600

2.1 Data History

*Open Data Toronto: <https://open.toronto.ca/>

Issue Year	Number of Exemptions	Expected End Year	Number of Exemptions
2019	1	2024	1206
2023	2	2025	21
2024	1224		

TODO

2.2 Types of Permits

Table 4: All Exemption Categories

Type	Number of Permits
amplified sound	874
amplified sound (level 1)	22
amplified sound (level 2)	3
amplified sound (level 3)	3
construction	151
continuous pour	26
continuous pour and/or large crane	131
large crane	13
other sound	3
other sound (level 2)	1

Table 5: Relevant Exemption Categories

Type	Number of Permits
construction	321
non-construction	902
other	4

2.3 Ward Information

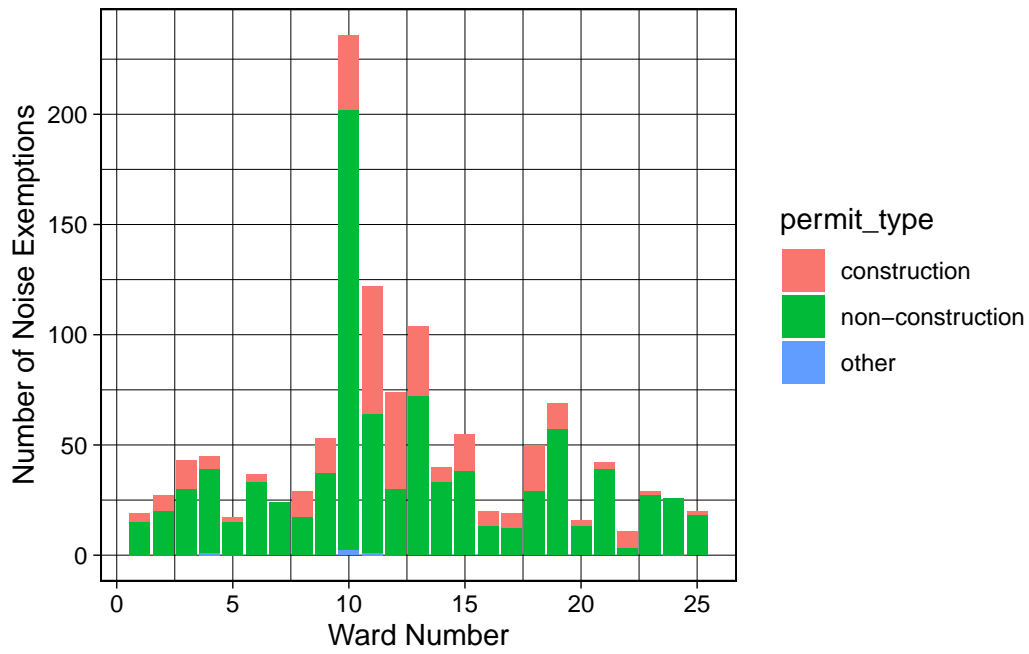


Figure 1: Noise Exemptions by Ward

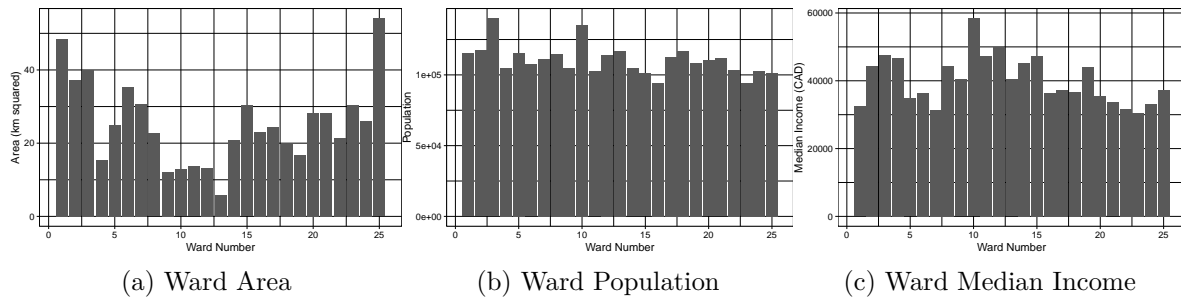


Figure 2: All Relevant Ward Details

2.4 Income Noise Exemption Relationship

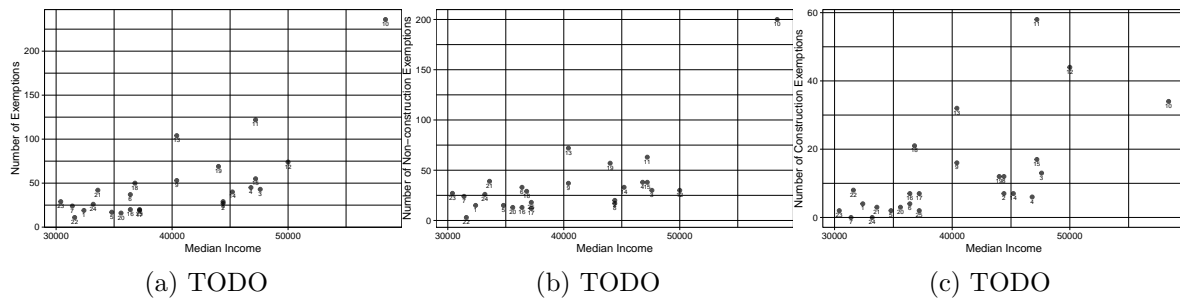


Figure 3: Noise Exemptions by Ward

3 Discussion

3.1 First discussion point

If my paper were 10 pages, then should be at least 2.5 pages. The discussion is a chance to show off what you know and what you learnt from all this.

3.2 Second discussion point

3.3 Third discussion point

3.4 Weaknesses and next steps

Weaknesses/Limitations and next steps should also be included.

References

- R Core Team. 2023. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
- Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.