

Toronto Citizens' Opinion on A Future Casinos*

For vs. Against And General Preferences

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This study takes results from a Toronto City Manager's survey on people's opinion on the construction of a casino. (results). Although the survey was conducted to incorporate people's viewpoint into the casino's construction, the results can still be used in other research to investigate people's opinions on casinos and related entertainments.

1 Introduction

We use R Core Team (2022), Wickham et al. (2019), Wickham et al. (2023), Gelfand (2022), Wickham (2016)

The remainder of this paper is structured as follows.

2 Data

Participants were asked on their feelings about having a new casino in Toronto, as shown in Figure 1a, where 1 means strongly opposed and 5 means strongly in favor. Almost 10000 participants strongly opposed the new casino, which is over half of the respondents. This tendency is slightly higher in women. Due to the low number of transgender participants, no observation can be drawn on their tendencies on this problem. Most of the participants have a strong opinion on this problem, and they either strongly opposed or are strongly in favor of a casino.

Participants were then asked on whether a new casino fit their image of Toronto. This question is similar to the previous question, although it only have four options instead of five. The responses were very similar to those of the previous question, except that the "not at all"

*Code and data are available at: https://github.com/annie142857/starter_folder/tree/main

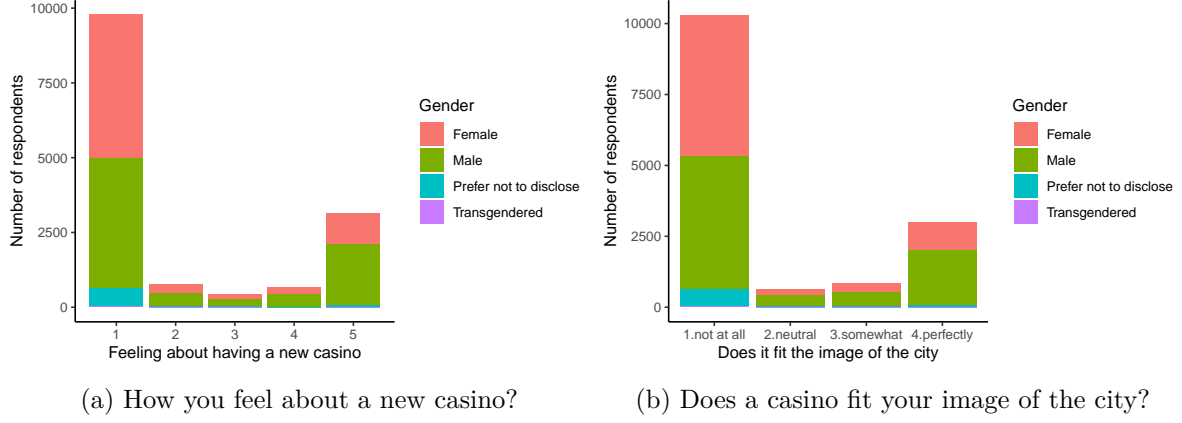


Figure 1: Attitude towards A New Casino

option exceeded 10000 respondents, presumably because it contained participants from the two “opposed” options from the previous question.

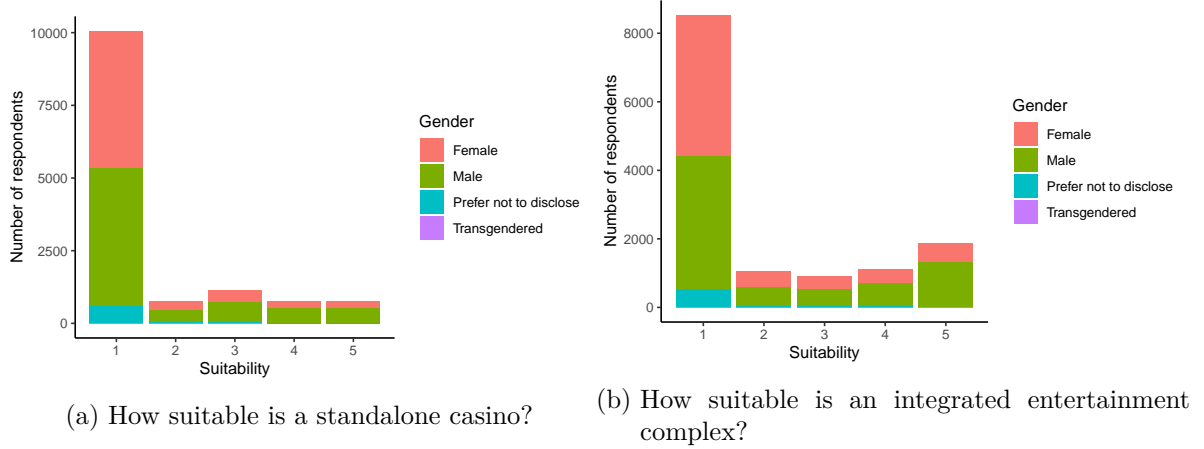


Figure 2: How suitable is each type of building?

Participants were asked to rate the suitability of a standalone casino (fig-standalone-1), and the suitability of an integrated entertainment complex casino (fig-standalone-2). In the graphs, 1 means strongly unsuitable, and 5 means strongly suitable. For both types of buildings, the majority of participants selected “strongly unsuitable”. This tendency is slightly higher in women and in people who preferred to not disclose their gender. Nothing can be drawn on transgender people because their number is too low. Around 10000 participants found a standalone casino strongly unsuitable, while this number is lower than 9000 for an integrated entertainment complex, showing a slightly higher tolerance of an integrated entertainment complex.

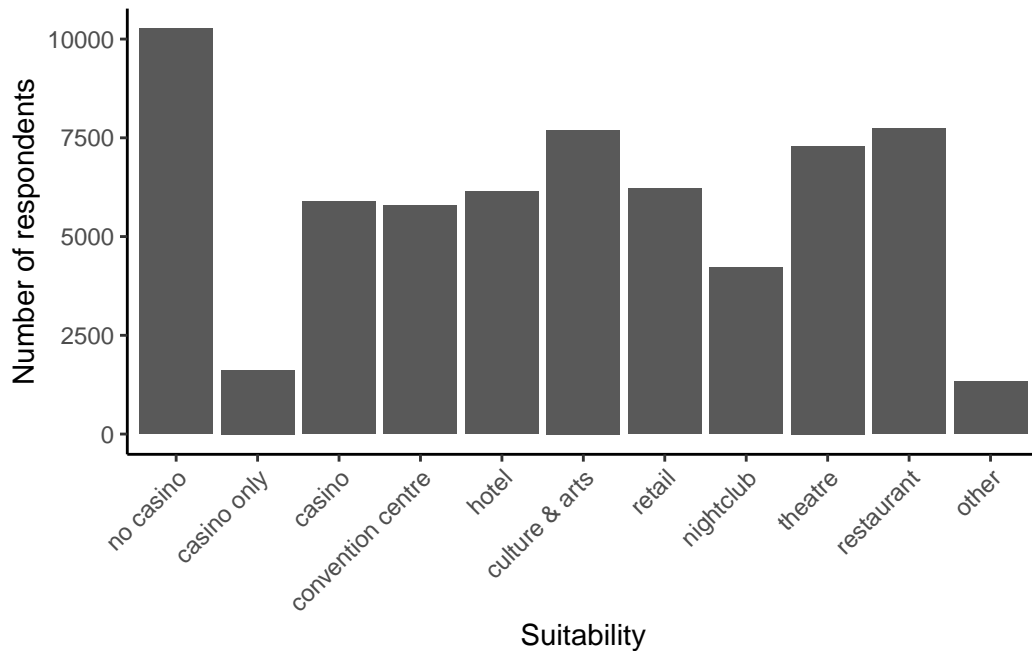


Figure 3: What should a future Integrated Entertainment Complex include?

Participants

3 Results

4 Discussion

4.1 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.

4.2 Second discussion point

4.3 Third discussion point

4.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional data details

B Model details

B.1 Posterior predictive check

References

- Gelfand, Sharla. 2022. *Opendatatoronto: Access the City of Toronto Open Data Portal*. <https://CRAN.R-project.org/package=opendatatoronto>.
- R Core Team. 2022. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
- Wickham, Hadley. 2016. *Ggplot2: Elegant Graphics for Data Analysis*. Springer-Verlag New York. <https://ggplot2.tidyverse.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>.
- Wickham, Hadley, Romain François, Lionel Henry, Kirill Müller, and Davis Vaughan. 2023. *Dplyr: A Grammar of Data Manipulation*. <https://CRAN.R-project.org/package=dplyr>.