

My title*

My subtitle if needed

First author

Another author

March 30, 2024

First sentence. Second sentence. Third sentence. Fourth sentence.

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](#)....

*Code and data are available at: [LINK](#).

2 Data

Correlation Matrix for Toronto FC's Performance Features

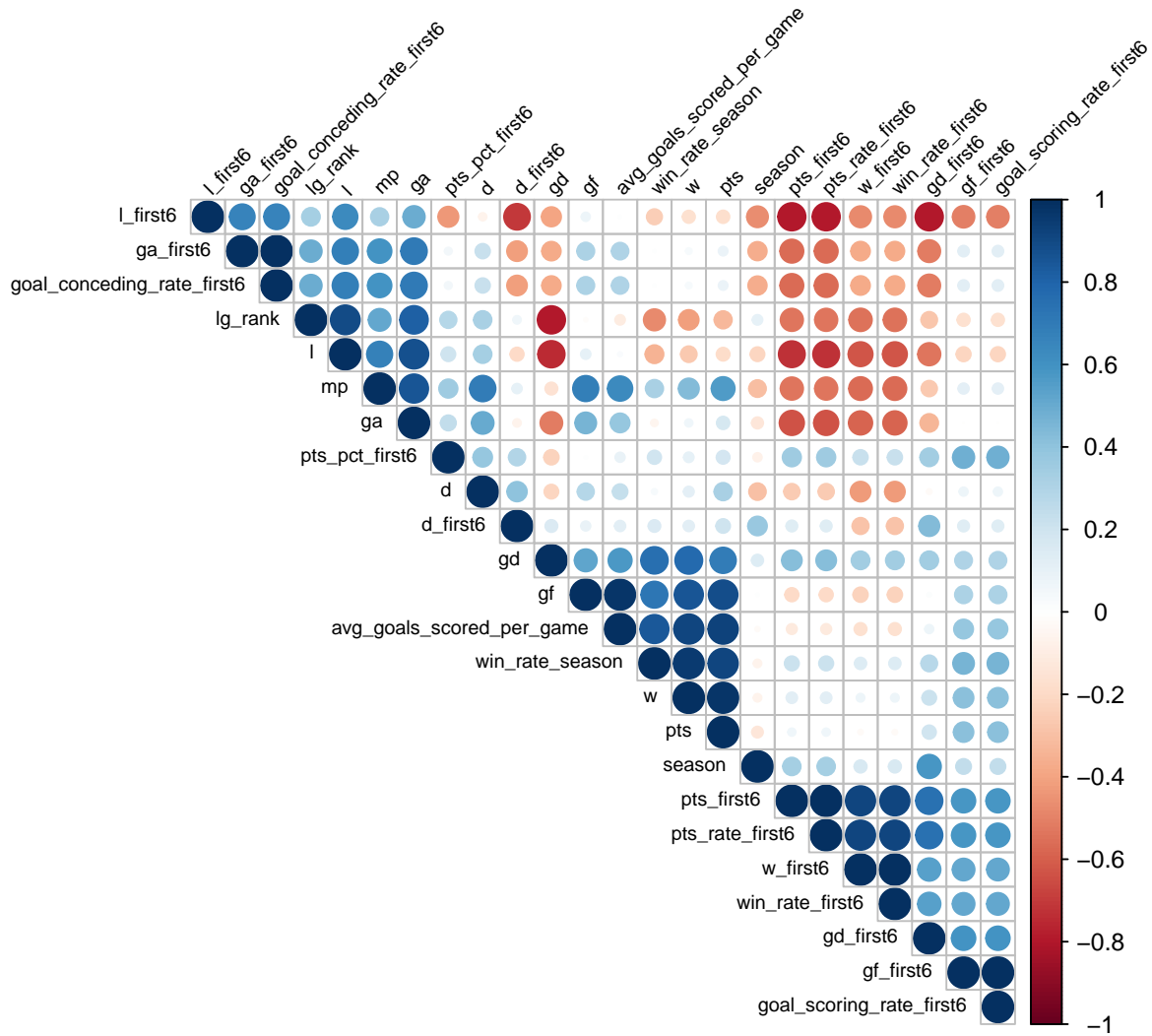


Figure 1: Correlation matrix of numeric variables

3 Model

3.1 Model set-up

3.1.1 Model justification

4 Results

5 Discussion

5.1 First discussion point

5.2 Second discussion point

5.3 Third discussion point

5.4 Weaknesses and next steps

Table 1: Correlation of Variables with lg_rank

Variable	Related_Variable	Correlation
lg_rank	season	0.1066747
lg_rank	lg_rank	1.0000000
lg_rank	mp	0.5150726
lg_rank	w	-0.4133033
lg_rank	d	0.3294172
lg_rank	l	0.8906890
lg_rank	gf	-0.0148249
lg_rank	ga	0.8148551
lg_rank	gd	-0.7995963
lg_rank	pts	-0.3209028
lg_rank	w_first6	-0.5441618
lg_rank	d_first6	0.0676295
lg_rank	l_first6	0.3396795
lg_rank	gf_first6	-0.1654845
lg_rank	ga_first6	0.4913067
lg_rank	gd_first6	-0.2714199
lg_rank	pts_first6	-0.5335189
lg_rank	win_rate_first6	-0.5441618
lg_rank	win_rate_season	-0.4799749
lg_rank	pts_pct_first6	0.2864263
lg_rank	avg_goals_scored_per_game	-0.1041783
lg_rank	pts_rate_first6	-0.5335189
lg_rank	goal_scoring_rate_first6	-0.1654845
lg_rank	goal_conceding_rate_first6	0.4913067

Appendix

A Additional data details

B Model details

B.1 Posterior predictive check

B.2 Diagnostics

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 Grolmund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.