Milestone 4: Familiarizing with Tinytex

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Contents

0.1 How many women of various ages were elected from the different parties in 2014?

The gt graphic below explores some of this information. The bicameral legislature in Japan is split into the lower house, the House of Representatives, and the upper house, the House of Councillors.[1] Representatives in both houses are directly elected. This conjoint survey method was first introduced to the political science field in 2014 (Jens Hainmueller (2014)). As you can see from the graph, the majority of women were aged 50 or older (R Core Team (2019)). Also here's a link to my repo.[2]

Women elected to the Lower House in 2014

Majority of women were 50 or older

Party	Age Group	Count
DPJ	Under 40	1
Independent	Under 40	2
JCP	Under 40	1
LDP	Under 40	5
DPJ	50 - 59	7
JCP	50 - 59	5
Komeito	50 - 59	2
LDP	50 - 59	16
DPJ	60 - 69	1
Komeito	60 - 69	1
LDP	60 - 69	4

Characteristic	**Beta**	**95% CI**[1]	**p-value**
Experience			
No experience	—	—	
Formerly in office, 1 term	-0.04	-0.13, 0.05	0.3
Formerly in office, 2 terms	-0.17	-0.23, -0.11	<0.001
Formerly in office, 3+ terms	-0.65	-0.76, -0.55	<0.001
Currently in office, 1 term	-0.79	-0.93, -0.66	<0.001

[1]Tokyo Review. Retrieved from https://www.tokyoreview.net/2019/07/japan-explained-house-of-councilors

[2]Github milestone repo: https://github.com/caievelyn/milestone

Currently in office, 2 terms	-0.70	-0.79, -0.62	<0.001
Currently in office, 3+ terms	-0.85	-0.90, -0.80	<0.001
Gender			
Male	—	—	
Female	0.00	-0.04, 0.05	0.9
Education			
High school	—	—	
Other public university	0.01	-0.05, 0.07	0.7
Private university	0.03	-0.02, 0.09	0.2
University of Tokyo	0.06	-0.01, 0.13	0.11

[1]CI = Confidence Interval

Jens Hainmueller, Teppei Yamamoto, Daniel J. Hopkins. 2014. "Causal Inference in Conjoint Analysis: Understanding Multidimensional Choices via Stated Preference Experiments." *Political Analysis* 22 (January): 1–30. https://www.cambridge.org/core/journals/political-analysis/article/causal-inference-in-conjoint-analysis-understanding-multidimensional-choices-via-stated-preference-experiments/414DA03BAA2ACE060FFE005F53EFF8C8.

R Core Team. 2019. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org.