

# Demo

Kazuharu Yanagimoto

January 13, 2023

Table 1: Number of Persons Involved in Traffic Accidents

	Men				Women			
	2019	2020	2021	2022	2019	2020	2021	2022
<b>Good</b>								
sunny	24399	14969	19208	19420	11971	6958	9417	9298
cloud	1159	1190	1325	1633	555	554	630	774
<b>Bad</b>								
soft rain	2126	1198	1281	1408	1068	542	605	716
hard rain	386	202	386	352	222	96	210	179
snow	2	2	124	5			38	1
hail	11	5	6	4	3	3	1	2

Figure 1: Number of People Hospitalized

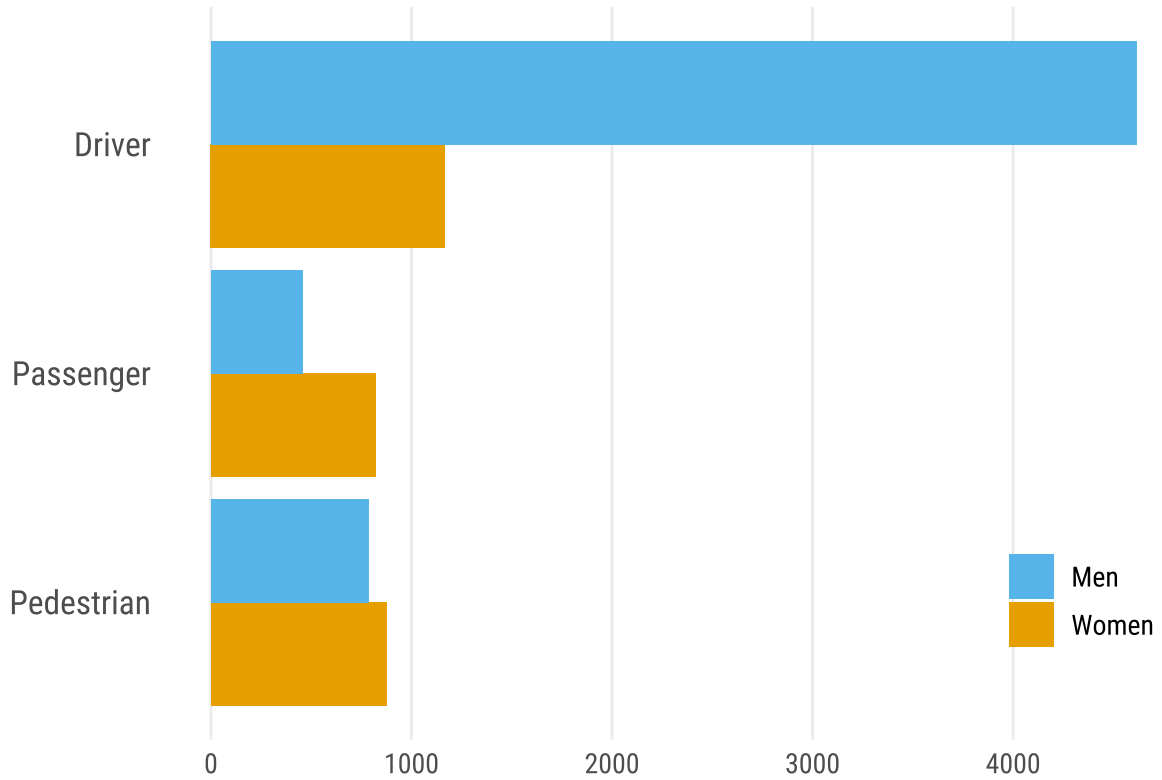


Table 2: Logit Regression of Hospitalization and Death within 24 Hours

	Hospitalization			Died within 24 hours		
	(1)	(2)	(3)	(4)	(5)	(6)
Passenger	0.049 (0.104)	0.530** (0.071)	0.507** (0.070)	-1.781* (0.759)	-1.575+ (0.783)	-1.565+ (0.784)
Pedestrian	2.124** (0.115)	2.402** (0.066)	2.323** (0.064)	2.280** (0.301)	2.418** (0.287)	2.422** (0.285)
Positive Alcohol	-0.077 (0.088)	0.310** (0.095)	0.353** (0.093)	-13.710** (0.053)	-13.455** (0.064)	-13.492** (0.063)
Observations	149 918	149 831	134 006	90 852	89 300	86 330
FE: Age Group	X	X	X	X	X	X
FE: Gender	X	X	X	X	X	X
FE: Type of Vehicle		X	X		X	X
FE: Weather			X			X

Notes: Passenger and pedestrian's coefficients are normalized by driver. \*\*p<.01; \*p<.05; +p<.1. Standard errors are clustered by age group.

Figure 2: Comparison of Themes

