# Do Missile Launches Reduce Support for Female Candidates? Stirring Up Anxiety and the Activation of Stereotypes

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### **ABSTRACT**

Recently, various incidents have heightened voter anxiety in areas traditionally associated with male leadership. If these anxieties activate voters' gender stereotypes, they may negatively affect female candidates. In this paper, we examine the impact of information that incites anxiety, especially that which activates masculine stereotypes, on voters' evaluations of female candidates. In our conjoint experiment, we found that voters who received information that incited anxiety about missile launches were less likely to support female candidates than those who did not. This effect is particularly pronounced among male voters, who are significantly less willing to vote for female candidates after receiving such information.

Conversely, female voters' support for female candidates remained unchanged under similar conditions. These results suggest that exposure to information that activates gender stereotypes, even if unrelated to the candidate, influences voter behavior.

Dolan, 2014; Endo & Ono,

2023

Bauer, 2015

Bauer & Carpinella, 2018; Ono & Yamada, 2020; Saha & Weeks, 2022

Little et

al., 2007; Spisak et al., 2012

e.g., Alexander &

Andersen, 1993; Dolan, 2014

1

e.g., Alexander &

Andersen 1993; Dolan 2014

e.g., Alexander & Andersen 1993;

Dolan 2014

1

CNN

2017 10 17

1993; Dolan 2014

e.g., Alexander & Andersen

Lawless (2004)

9.11

Holman et al.(2022) 2017

G I a u & tleisschaeve, 2023

Cassese & Holman, 2018; Dolan & Lynch, 2014

Hadzic & Tavits (2021)

Barnes & Beaulieu, 2014;

Herrnson et al., 2003; Iyengar & Valentino, 1997

Ditonto, 2017; Schneider & Bos, 2014

Ono & Yamada, 2020; Saha & Weeks, 2022

<sup>2</sup> Endo & Ono (2023)

Alexander & Andersen, 1993; Dolan, 2014 Endo & Ono, 2023

theory of stereotype activation and application

Kunda & Spencer (2003)

Blair & Banaji, 1996

Barnes & Beaulieu,

2014 1980

Kundra & Sinclair, 1999; Lepore &

Brown, 1997 Deal & Stevenson,

1998; Schein, 1975 1990

Kuklinski & Chong, 2001 Deal & Stevenson, 1998

	n = 823	n = 814	n = 790
	63.06	62. 29	62.28
	36.94	37. 71	37.72
10	0.97	0.61	0.63
20	8.87	9.09	8.1
30	20.9	21.99	21.9
40	35.97	36.98	37.09
50	23.69	23. 1	23. 29
60	6.68	6.51	7.72
70	2.92	1.72	1.27
/	1.34	1.6	0.76
	22.11	24. 2	23.54
/	20.41	20.02	20.38
	48.85	48. 4	48.35
	7. 29	5.77	6.96

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Steele & Ambady, 2006

Cunningham & Macrae, 2011

, 2015 Instructional

Manipulation Checks IMC

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3 2019-042

4 IMC

 $^{5}$  = 44.97, = 11.45 = 44.55, = 10.97 = 44.71, = 10.93

#### 北朝鮮の核の脅威 不安の声高まる

周知の通り北朝鮮は、核ミサイルの開発と発射実験を続けている。ミサイル発射に関して、大多数の国民から不安の声が上がっている。このミサイルは日本の主要都市を射程にいれているといい、ミサイルが都市に着弾すれば莫大な損害が出ると予測されている。例えば、アメリカのある調査サイト

(NUKEMAP) のシミュレーションによると、新宿駅に核ミサイルが落ちた場合、死者数は約30万人ほど、負傷者数は約82万人ほどだと予測されている。

## 日本経済の停滞 不安の声高まる

周知の通り世界経済は、米中の貿易摩擦や資源価格の高騰などで停滞しつつある。経済の停滞に関して、大多数の国民から不安の声が上がっている。この停滞の影響は日本経済にも深刻な影響を与えると考えられ、日本の今年の GDP もゼロ成長に近いと予測されている。例えば、みずほ総合研究所のシミュレーションによると、日本の GDP 成長率は 10 月~12 月期には前年比マイナス 2 パーセントほどだとされており、日本経済の停滞は避けられないと予想されている。

e.g., Alexander & Andersen 1993;

e.g., Alexander & Andersen

Dolan, 2014; Endo & Ono, 2023

1993; Dolan, 2014; Endo & Ono, 2023

GDP 2019 10 12

8

NUKEMAP<sup>7</sup>

4.2

Endo & Ono, 2023

<sup>7</sup> NUKEMAP https://nuclearsecrecy.com/nukemap/ 2023 10 8

2019 2020

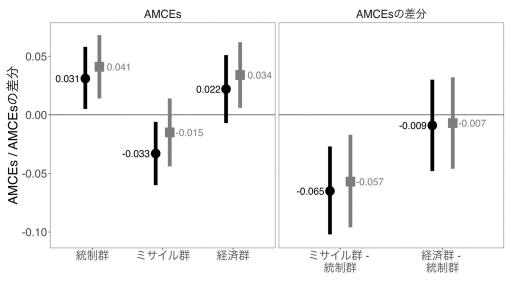
10

			2011	; Dolan &	Lynch, 2014	Anderso	on et al.,
Mo, 2015			Kirk	land & Cop	ppock, 2018; Rahr	n, 1993	e.g.,
Hainmud 2022	eller et al., 2014; I	Horiuchi et al.,					
				9			
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				Average N	Marginal Compon	ent E ects	AMCEs
		0 40	)	50	60		
		) 1		2	3		

- 7 -

Horiuchi et al. (2020)

(2018)



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AMCEs

AMCEs

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AMCEs

**AMCEs** 

AMCEs 0.031 5%

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AMCEs -0.033

AMCEs AMCEs

AMCEs 0.022

12 95 AMCEs 5%

Marginal Means MMs Clayton

et al., 2021; Leeper et al., 2020 AMCEs

AMCEs

Kage et al., 2019; Leeper et al., 2020; Ono & Yamada, 2020

Bauer, 2015; Bauer

et al., 2022; Ono & Yamada, 2020

12

6.5

AMCEs

Little et al., 2007; Spisak et al., 2012

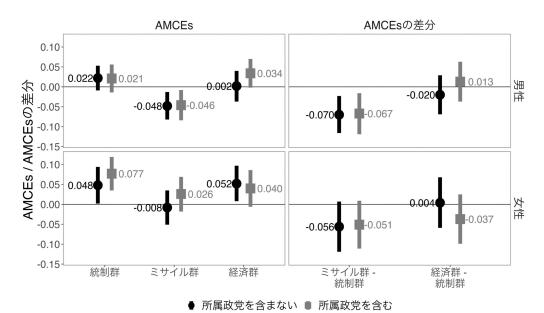
13

Cassese & Holman,

2018; Dolan & Lynch, 2014

13

Hainmueller, 2012 2015



AMCEs

AMCEs

AMCEs 2009

-0.70 -0.67

5%

AMCEs

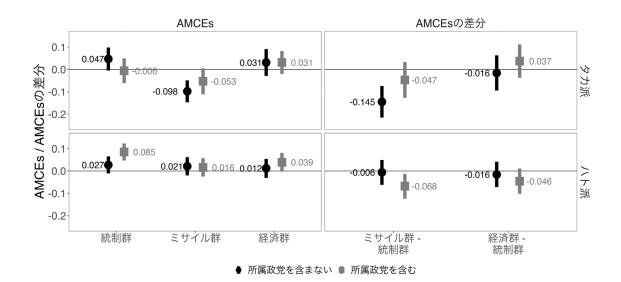
Carpinella & Bauer, 2021; Jenson,

Eichenberg, 2018; Saha & Weeks, 2022

2003, 2019

Eichenberg, 2019; Wood & Ramirez, 2017

Duriesmith, 2016; Eichenberg, 2019; Yablon,



95

AMCEs AMCEs

-0.145 5%

Kim & Kang,

2022

Landau et al., 2004;

Nail et al., 2009

Bauer & Carpinella, 2018; Bauer et al., 2022; Kahn, 1994; Kim & Kweon, 2022

Ono & Yamada 2020

Achen & Bartels, 2016

Lupia, 2016

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