

Motivated Viewing:
Selective Exposure to Political Images When Reasoning is not
Involved
Supporting Information

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1 Replication Student Sample Description

A second student sample consisted of 105 students enrolled in introductory-level political science classes in Spring of 2019. Participants in the second sample completed the same task as those in first student sample reported in manuscript. Results from the second student sample are presented below (Tables S2 to S4 and Figures 1 and 2) and reveal a pattern consistent with the results from the first student sample reported in the manuscript.

2 Tables

Table S1: Student Sample: Descriptive Statistics

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Positive Generic Keypresses*	137	4.170	1.978	0.087	2.646	5.790	8.325
Negative Generic Keypresses**	137	5.729	2.275	0.190	4.189	7.470	10.033
Income	137	8.956	4.213	1.000	6.000	12.000	15.000
Religiosity	138	2.435	1.107	1	2	3	4
Female	138	0.565	0.498	0	0	1	1
White	136	0.853	0.355	0.000	1.000	1.000	1.000
Ideological Extremity	138	0.919	0.670	0.000	0.360	1.350	2.680
Extraversion	138	4.301	1.622	1	3.5	5.5	7
Agreeableness	138	4.692	1.129	1	4	5.5	7
Emotional Stability	138	4.696	1.351	1	4	6	7
Openness	138	5.228	1.113	2.000	4.500	6.000	7.000
Conscientiousness	138	5.572	1.087	2.500	5.000	6.500	7.000
BIS	138	4.711	1.096	2.000	4.000	5.500	7.000
BAS	138	5.185	0.733	3.308	4.635	5.692	7.000

Note: * = per second; ** = per second absolute value

height

Table S2: Second Student Sample: Descriptive Statistics

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Positive Generic Keypresses*	105	2.996	2.092	0.000	1.199	4.813	6.700
Negative Generic Keypresses**	105	4.705	2.509	0.013	3.039	6.707	9.471
Income	103	8.709	4.528	1.000	5.000	12.000	15.000
Religiosity	105	2.219	1.168	1	1	3	4
Female	105	0.438	0.499	0	0	1	1
White	105	0.743	0.439	0	0	1	1
Ideological Extremity	83	0.889	0.653	0.000	0.408	1.240	2.640
Extraversion	82	4.341	1.474	1.000	3.500	5.500	7.000
Agreeableness	82	4.695	1.196	1.500	4.000	5.500	7.000
Emotional Stability	82	4.835	1.315	1.500	4.000	6.000	7.000
Openness	82	5.226	1.240	2.000	4.500	6.000	7.000
Conscientiousness	82	4.884	1.268	2.000	4.000	6.000	7.000
BIS	74	4.687	0.999	1.500	4.167	5.333	6.667
BAS	74	5.249	0.742	3.308	4.769	5.846	6.769

Note: * = per second; ** = per second absolute value

height

Table S3: Second Student Sample: Mean Keypresses to Prolong (Positive Valence) or Shorten (Negative Valence) Exposures to Images of Politicians by Participant Partisanship

Political Actor	Republican	Democrat	Recognition (%)
Hillary Clinton2 (D)	-23.279	-9.230	99%
Hillary Clinton1 (D)	-23.209	-4.902	99%
Bernie Sanders (D)	-20.884	20.803	85%
Nancy Pelosi (D)	-15.977	0.721	73%
Bill Clinton (D)	-15.256	-3.361	92%
Joe Biden (D)	-8.628	12.672	70%
Mitch McConnell (R)	-7.186	-13.721	42%
Barack Obama (D)	-2.395	35.049	100%
Michelle Obama (D)	0.209	38.902	99%
GW Bush (R)	1.419	-7.885	91%
John McCain (R)	3.698	0.754	75%
Ted Cruz (R)	4.977	-20.443	86%
Mike Pence (R)	5.488	-19.197	76%
Paul Ryan (R)	8.023	-10.607	72%
Donald Trump2 (R)	8.674	-27.754	100%
Melania Trump (R)	13.070	-14.721	98%
Donald Trump1 (R)	13.140	-28.525	100%
	N = 43	N = 61	N = 104

Table S4: Second Student Sample: Correlations of Keypress Behavior and Self-Reported Valence Ratings

Prolong Keypresses - Shorten Keypresses (Generic Images)	-0.52***
Prolong Keypresses - Shorten Keypresses (Images of Politicians)	-0.45***
Prolong Keypresses (Positive Generic Images) - Prolong Keypresses (Images of Own-Party Politicians)	0.32***
Shorten Keypresses (Negative Generic Images) - Shorten Keypresses (Images of Other-Party Politicians)	0.15
Keypress Behavior - Valence Rating (Positive Generic Images)	0.48***
Keypress Behavior - Valence Rating (Negative Generic Images)	0.58***
Keypress Behavior - Valence Rating (Images of Own Party Politicians)	0.28***
Keypress Behavior - Valence Rating (Images of Other Party Politicians)	0.60***

Note: Negative Generic and Other-Party: $p = 0.11$

* $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$

3 Figures

Figure 1: Second Student Sample: Keypress Activity during Viewing of Positive and Negative Generic Images

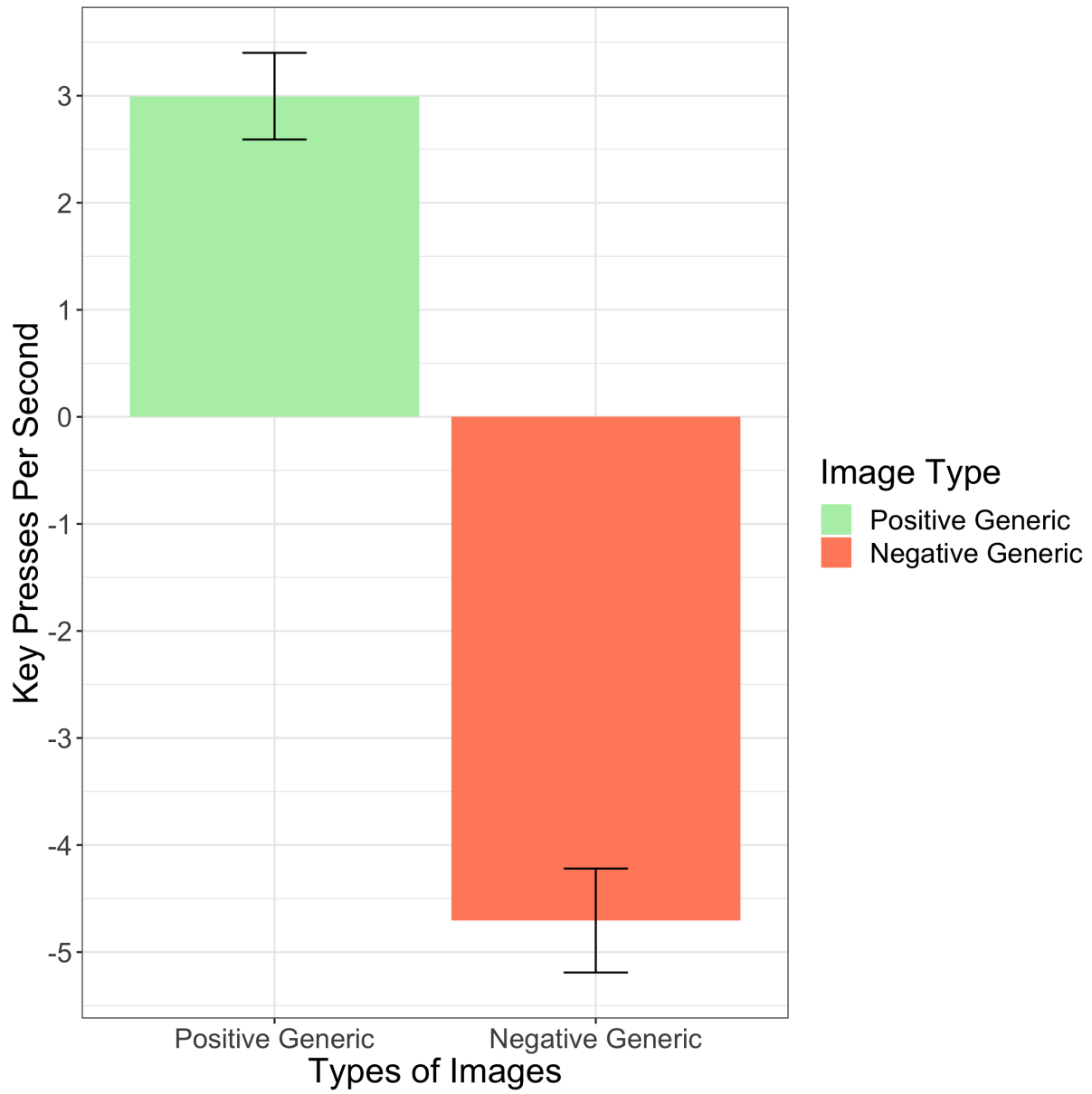
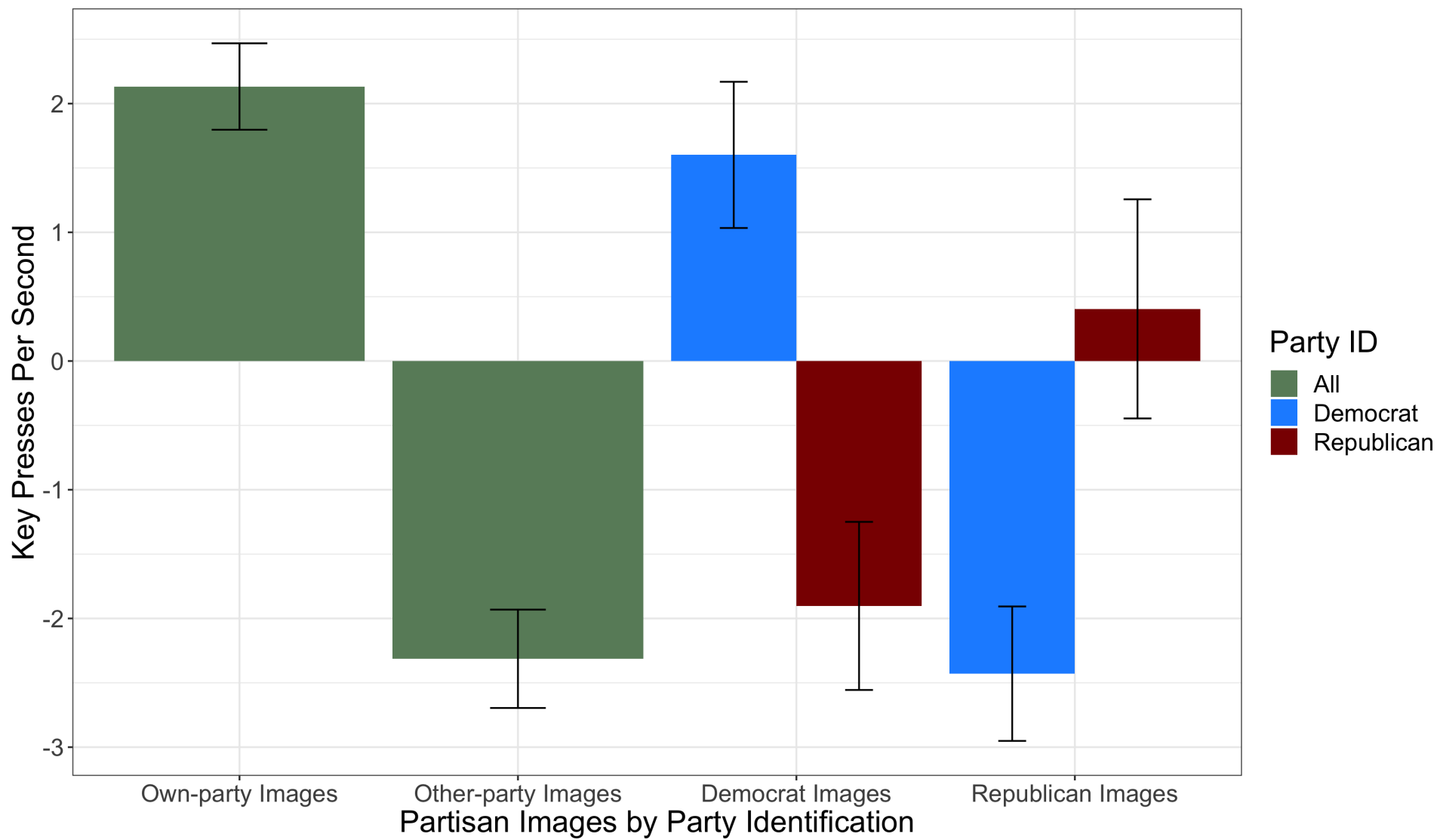


Figure 2: Second Student Sample: Keypress Activity during Viewing Images of Politicians



4 Keypress Task

The code to run the keypress task is available from the authors.

All but three of the generic images came from IAPS. Three animal images were added to the positive generic set of images to balance the positive and generic images on mean arousal and valence. The reference numbers for the IAPS images selected are listed below.

IAPS Image Reference Numbers:

- 1300
- 1440
- 1710
- 2071
- 5480
- 5621
- 5833
- 6260
- 6550
- 6570
- 6821
- 8200
- 9008
- 9140
- 9301
- 9320
- 9405