

Process mech part 1

ddd

5/25/2021

R Markdown

```
## Warning: Expected 2 pieces. Additional pieces discarded in 69 rows [292, 589,
## 875, 1074, 1816, 2028, 2413, 2620, 3076, 3631, 3816, 4001, 4821, 5531, 5846,
## 5924, 6238, 6790, 7361, 7777, ...].

## Warning: Expected 2 pieces. Missing pieces filled with `NA` in 24372 rows [1, 2,
## 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, ...].

## Warning: Expected 3 pieces. Missing pieces filled with `NA` in 9863 rows [2492,
## 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505,
## 2506, 2507, 2508, 2509, 2510, 2511, ...].

## [1] 981

## [1] 4859

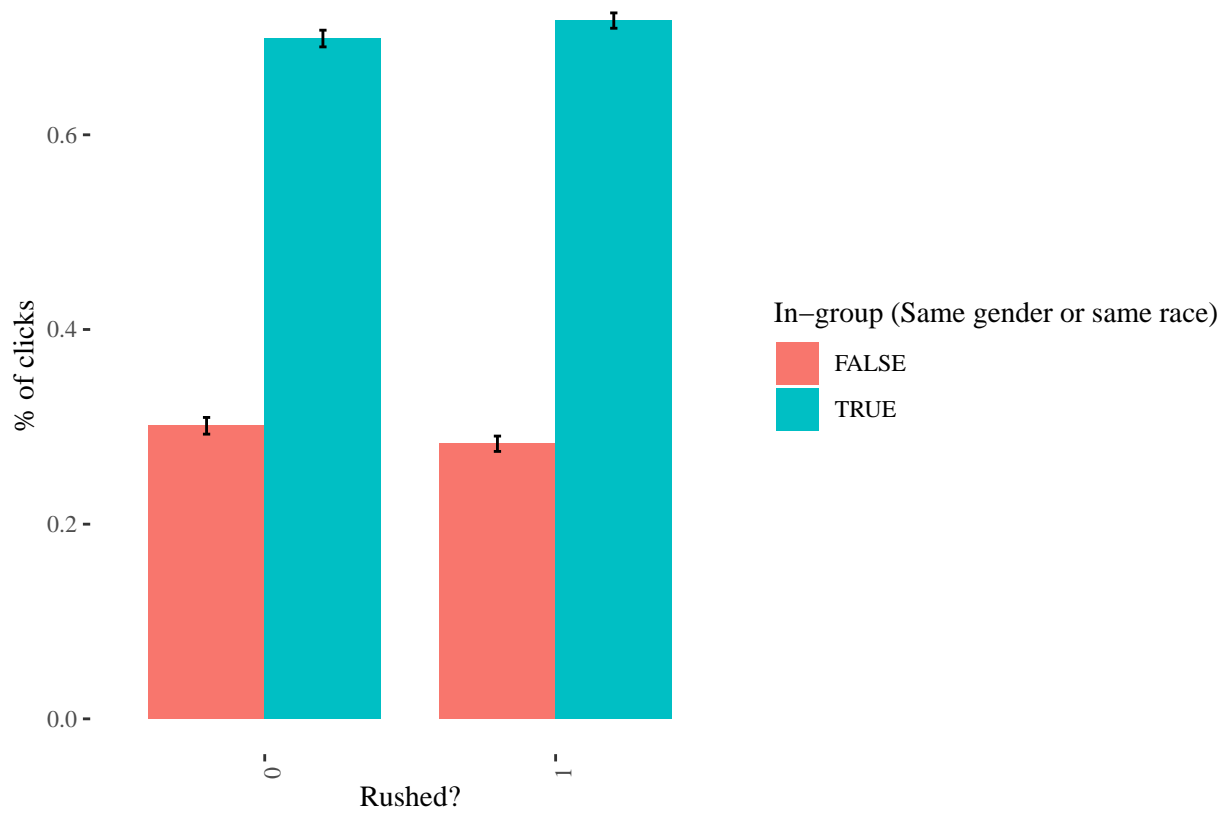
##
##      Female      Male Non Binary      Test
## 0.6055046 0.3944954 0.0000000 0.0000000

## [1] 29.54842

##
##      Black      Hispanic      Other      White
## 0.137614679 0.227319062 0.006116208 0.628950051

##
## less.than.bachelors      bachelors more.than.bachelors
##      0.3730887      0.3170234      0.3098879

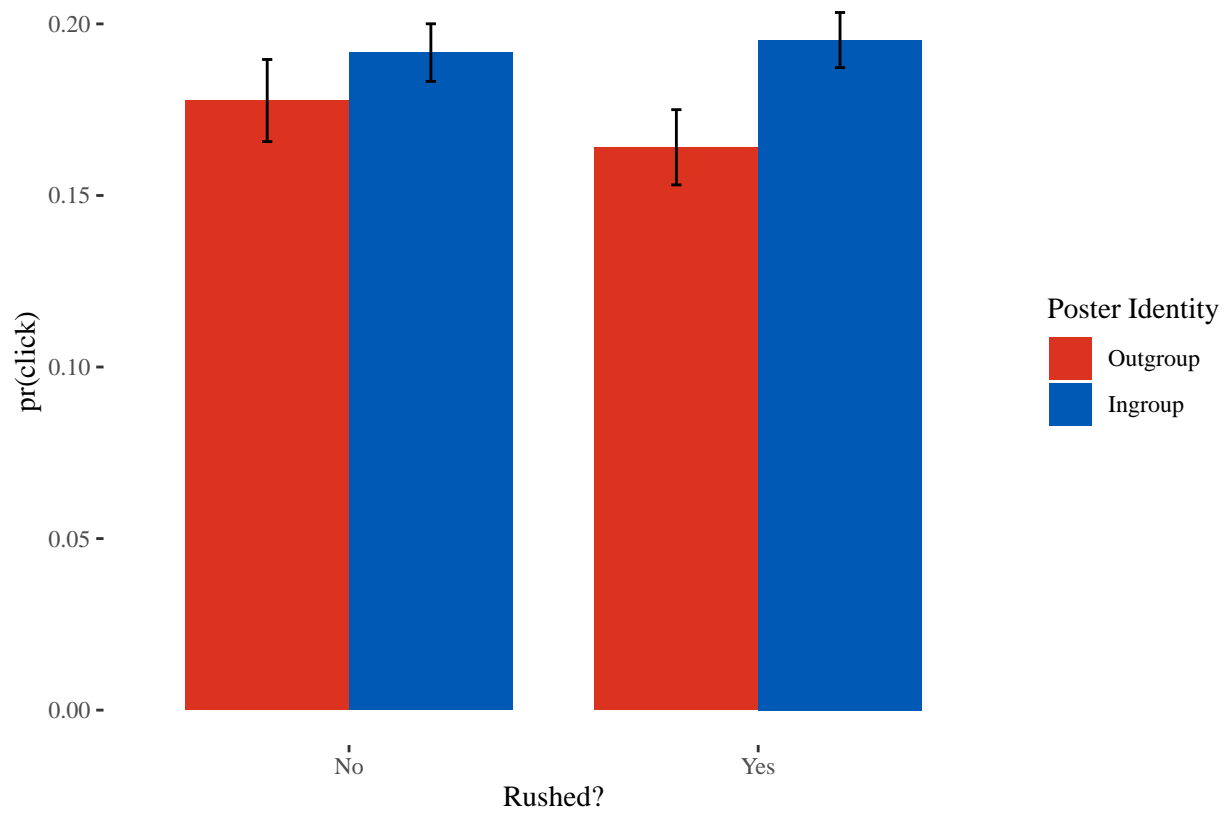
## `summarise()` regrouping output by 'timed' (override with `.groups` argument)
```



```
## quartz_off_screen
##      3

## pdf
##      2

## `summarise()` regrouping output by 'timed' (override with `.groups` argument)
```



```
## quartz_off_screen
##           3

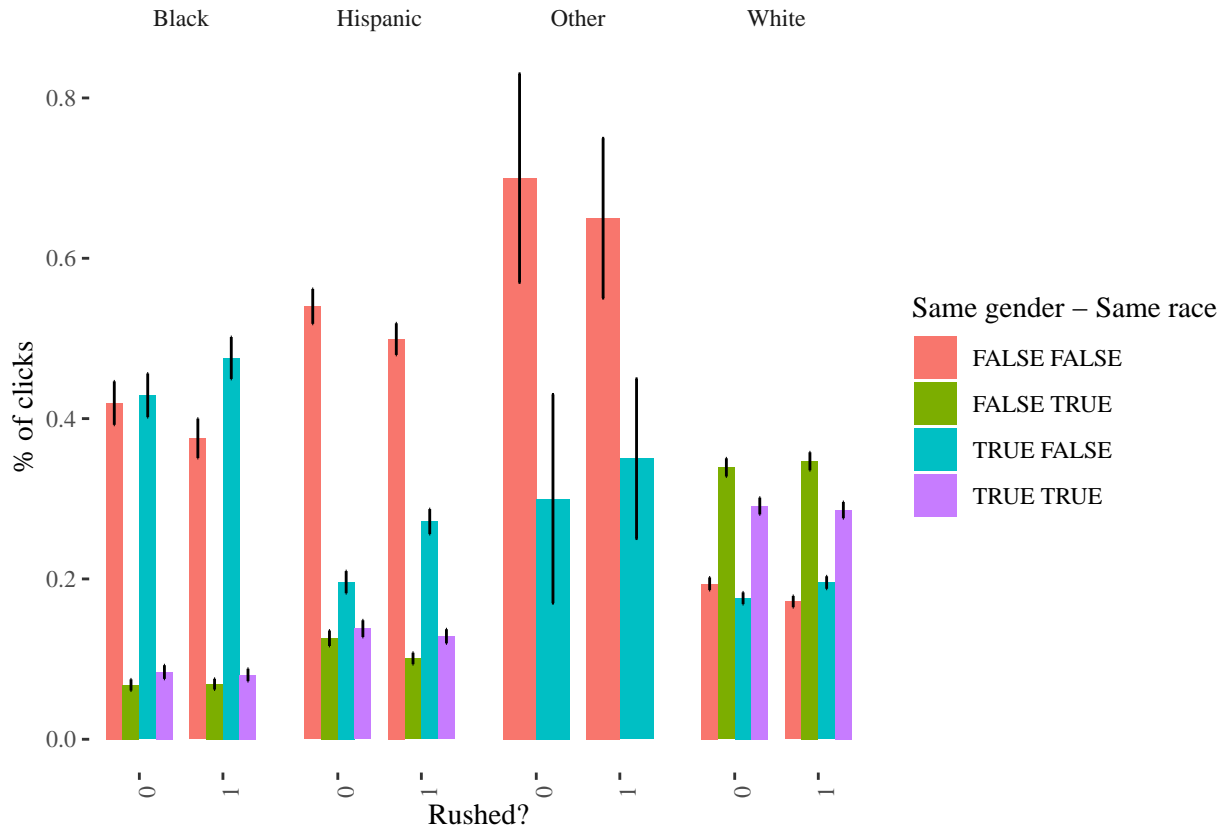
## pdf
##    2

% Table created by stargazer v.5.2.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu
% Date and time: Fri, Feb 25, 2022 - 17:28:09

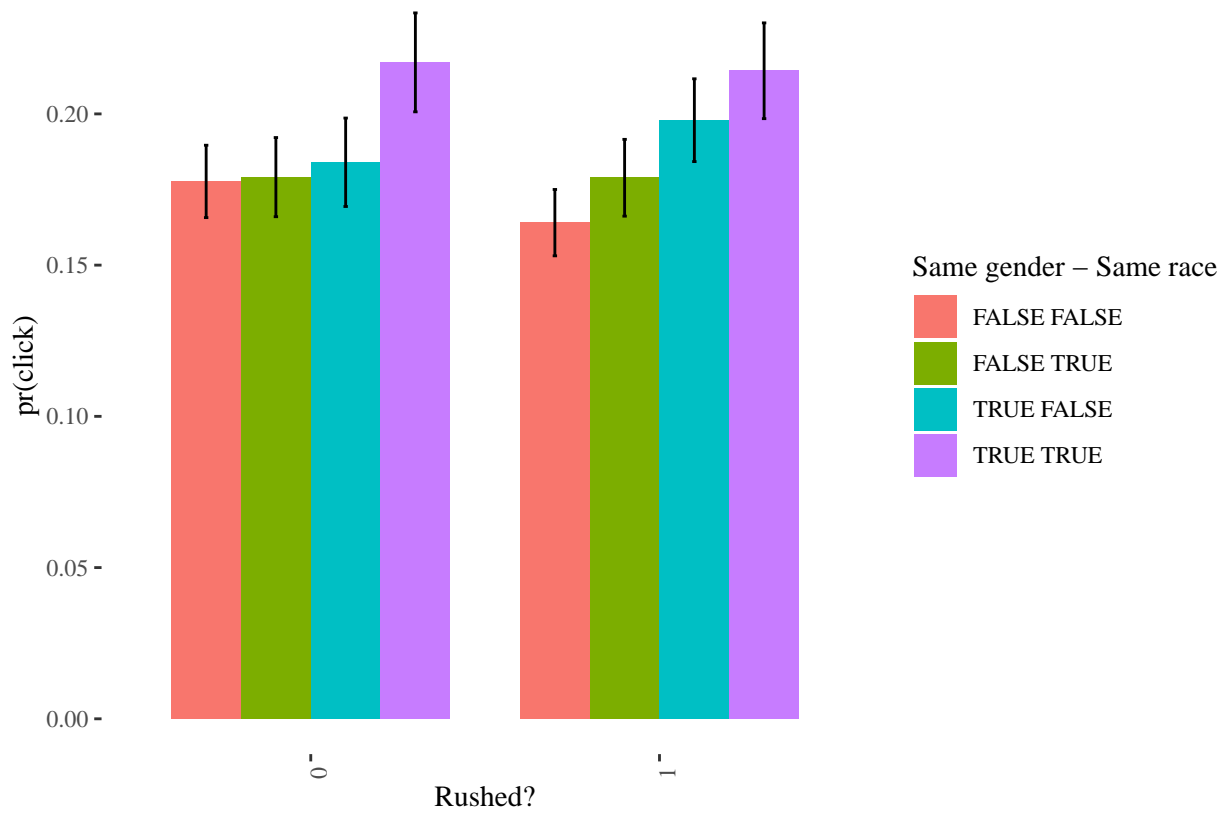
## `summarise()` regrouping output by 'timed', 'race.simple' (override with `.groups` argument)
```

Table 1: Experiment 1, Human Bias

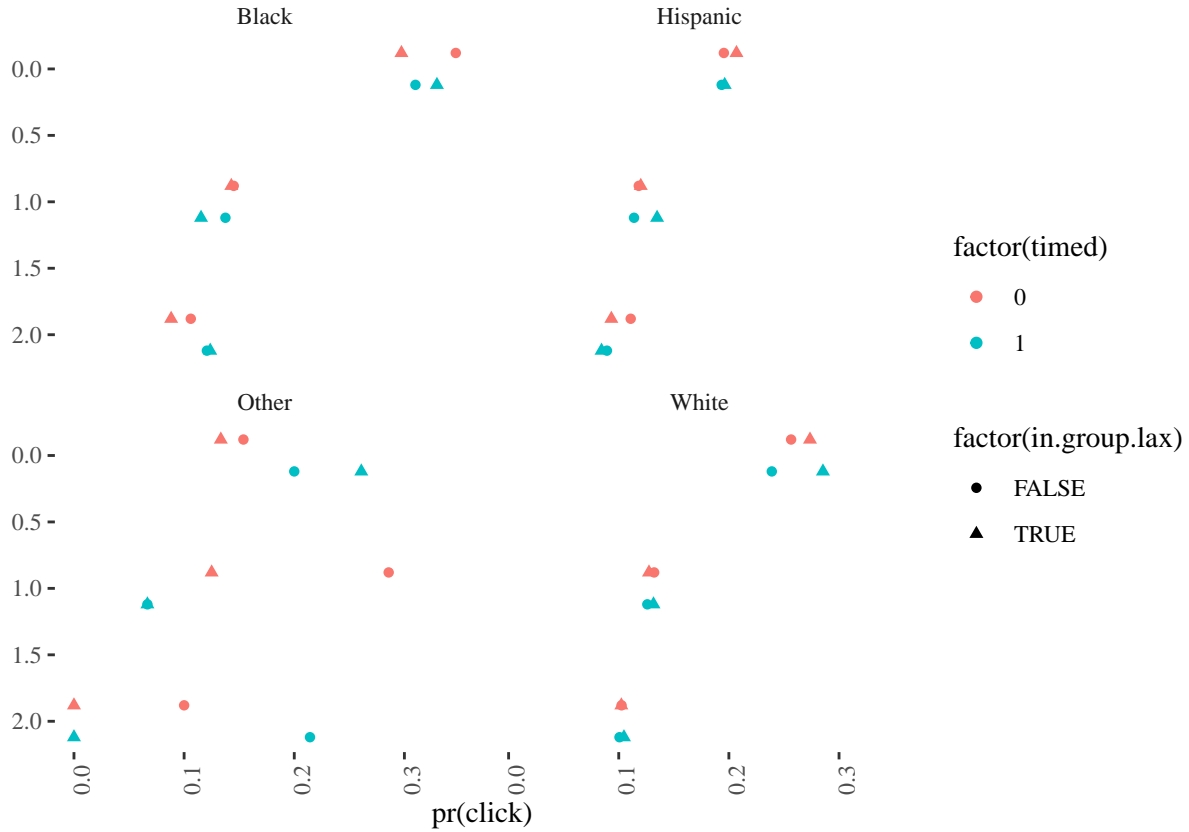
	<i>Dependent variable:</i>
	clicked
in.group.lax	0.031*** (0.007)
deliberate	0.014 (0.009)
in.group.laxTRUE:deliberate	-0.017* (0.010)
Constant	0.164*** (0.006)
Observations	26,094
R ²	0.001
Adjusted R ²	0.001
Residual Std. Error	0.389 (df = 26090)
F Statistic	7.615*** (df = 3; 26090)
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01	



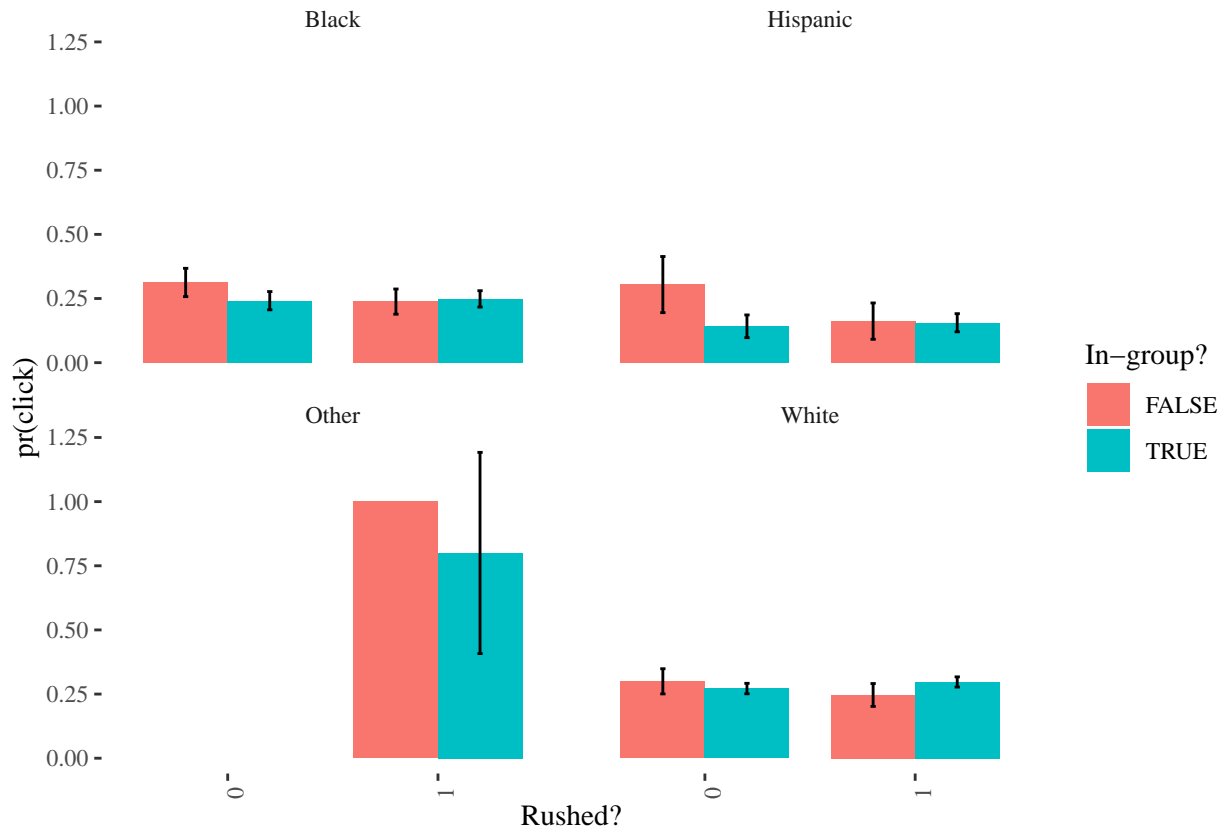
```
## `summarise()` regrouping output by 'timed' (override with `.groups` argument)
```



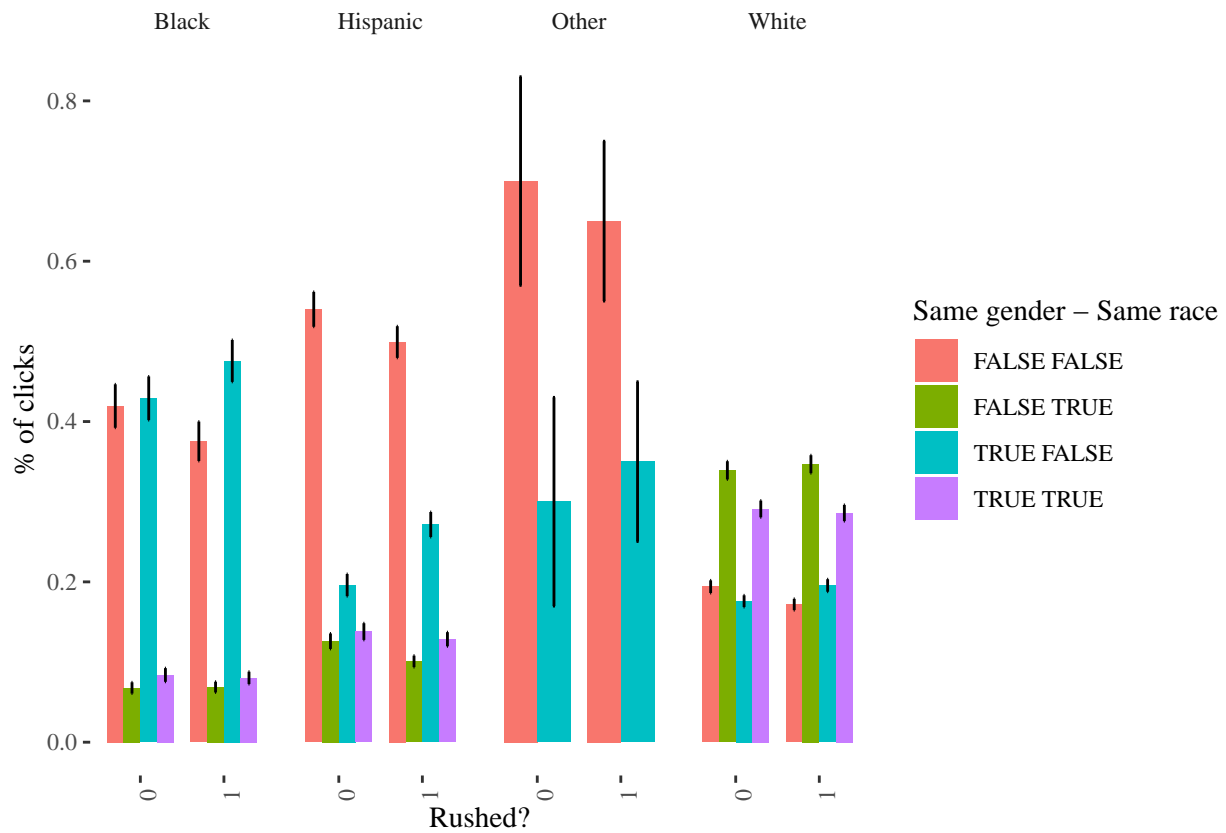
`summarise()` regrouping output by 'in.group.lax', 'timed', 'race.simple' (override with `.groups` a



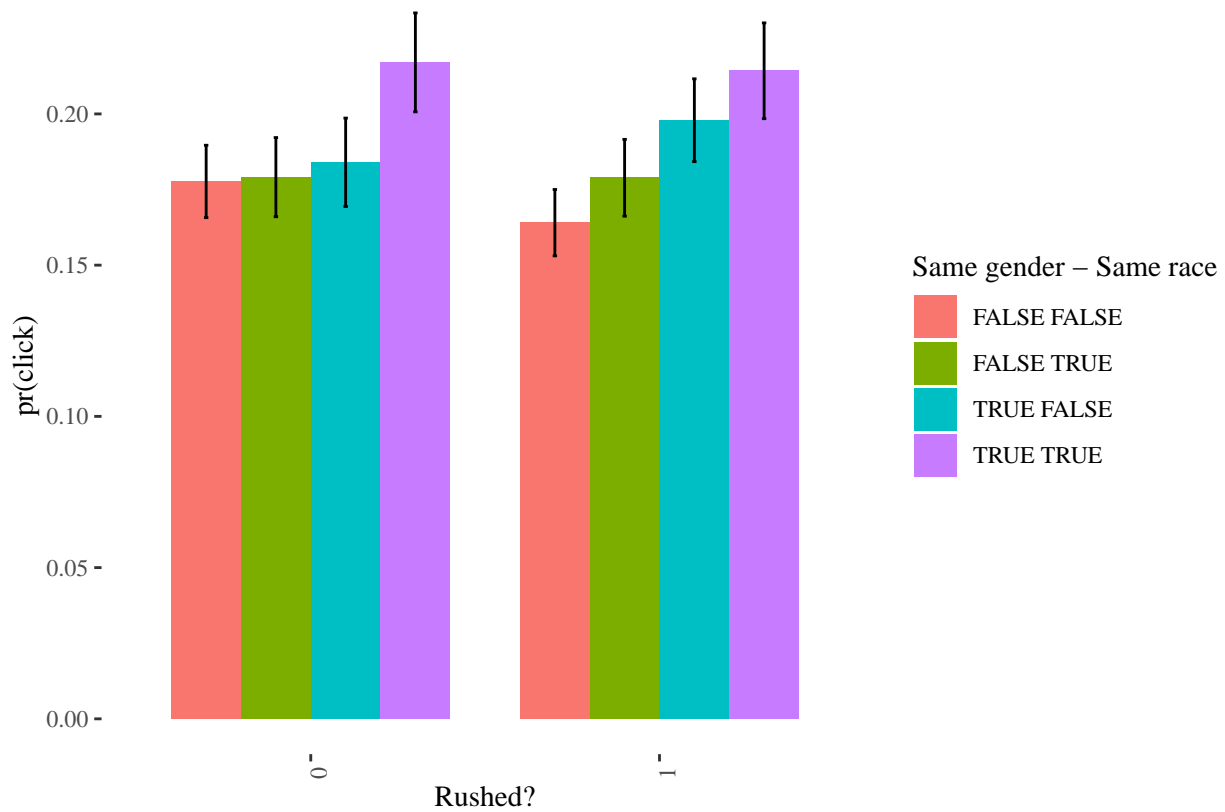
```
## `summarise()` regrouping output by 'timed', 'in.group.lax' (override with `.groups` argument)
```



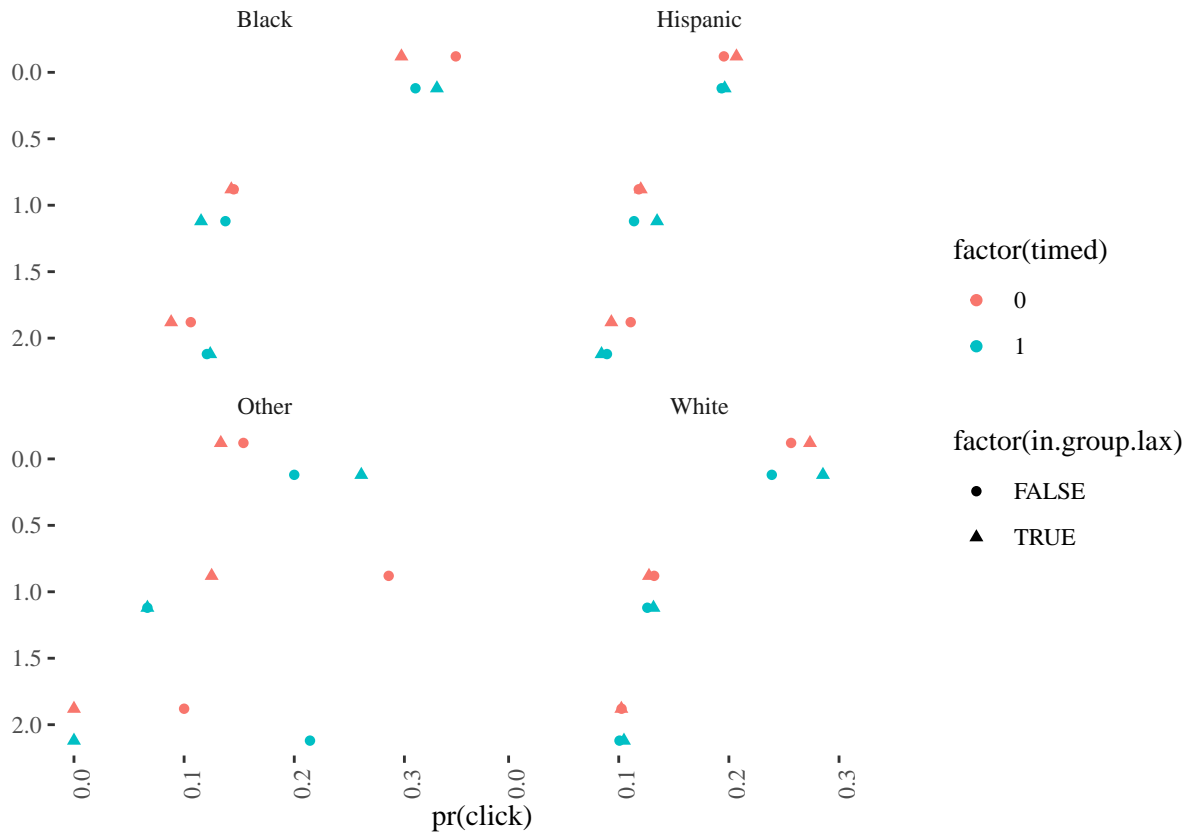
```
## `summarise()` regrouping output by 'timed', 'race.simple' (override with `.groups` argument)
```



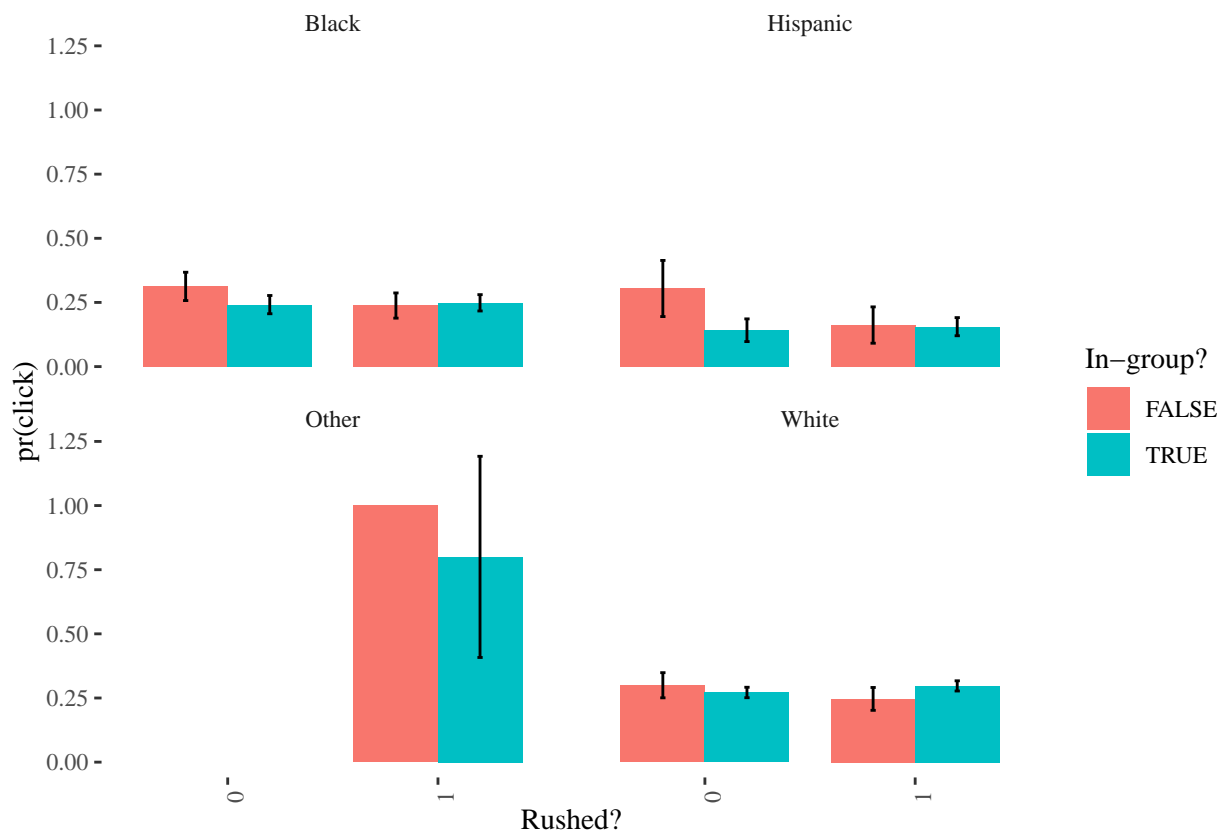
`summarise()` regrouping output by 'timed' (override with `groups` argument)



```
## `summarise()` regrouping output by 'in.group.lax', 'timed', 'race.simple' (override with `.groups` a
```



```
## `summarise()` regrouping output by 'timed', 'in.group.lax' (override with `.groups` argument)
```

readmore_presses

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 % Date and time: Fri, Feb 25, 2022 - 17:28:17

=====

Dependent variable:

----- clicked

Same Race Same Gender Race or Gender Race and Gender (1) (2) (3) (4)

----- in.group 0.015**
 (0.007)

same.gender 0.021***
 (0.007)

in.group.lax 0.014*
 (0.008)

in.group.strict 0.037***
 (0.009)

timed -0.002 -0.008 -0.014 -0.001
 (0.007) (0.006) (0.009) (0.005)

in.groupTRUE:timed 0.0004
 (0.010)

Table 2:

	<i>Dependent variable:</i>	
	clicked	
	Slow (1)	Fast (2)
rec_genderMale	−0.015 (0.010)	−0.0003 (0.009)
rec_raceBlack	−0.012 (0.019)	−0.016 (0.018)
rec_raceHispanic	0.007 (0.013)	−0.003 (0.013)
rec_genderMale:rec_raceBlack	0.006 (0.022)	0.012 (0.021)
rec_genderMale:rec_raceHispanic	0.004 (0.018)	0.001 (0.017)
Constant	0.196*** (0.008)	0.187*** (0.008)
Observations	12,366	13,728
R ²	0.001	0.0001
Adjusted R ²	0.0001	−0.0003
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

Table 3:

	<i>Dependent variable:</i>			
	Slow		clicked Fast	
	(1)	(2)	(3)	(4)
Same Race	0.001 (0.009)	0.0001 (0.009)	0.015* (0.009)	0.015* (0.009)
Same Gender	0.006 (0.010)	0.004 (0.010)	0.034*** (0.009)	0.031*** (0.009)
Preferred Genre		0.103*** (0.007)		0.111*** (0.007)
Same Race x Same Gender	0.032** (0.014)	0.034** (0.014)	0.002 (0.013)	0.001 (0.013)
Constant	0.178*** (0.006)	0.144*** (0.007)	0.164*** (0.006)	0.131*** (0.006)
Observations	12,366	12,366	13,728	13,728
R ²	0.001	0.017	0.002	0.020
Adjusted R ²	0.001	0.017	0.002	0.019
<i>Note:</i>		*p<0.1; **p<0.05; ***p<0.01		

Table 4:

	<i>Dependent variable:</i>	
	clicked	
	Slow (1)	Fast (2)
Same Race	0.015** (0.007)	0.015** (0.007)
Same Gender	0.021*** (0.007)	0.035*** (0.007)
Constant	0.172*** (0.006)	0.164*** (0.005)
Observations	12,366	13,728
R ²	0.001	0.002
Adjusted R ²	0.001	0.002
<i>Note:</i>		*p<0.1; **p<0.05; ***p<0.01

```

same.genderTRUE:timed 0.013
(0.010)

in.group.laxTRUE:timed 0.017*
(0.010)

in.group.strictTRUE:timed -0.002
(0.012)

Constant 0.180*** 0.178*** 0.178*** 0.180***
(0.005) (0.005) (0.006) (0.004)

```

```

Observations 26,094 26,094 26,094 26,094
R2 0.0004 0.001 0.001 0.001
Adjusted R2 0.0003 0.001 0.001 0.001

```

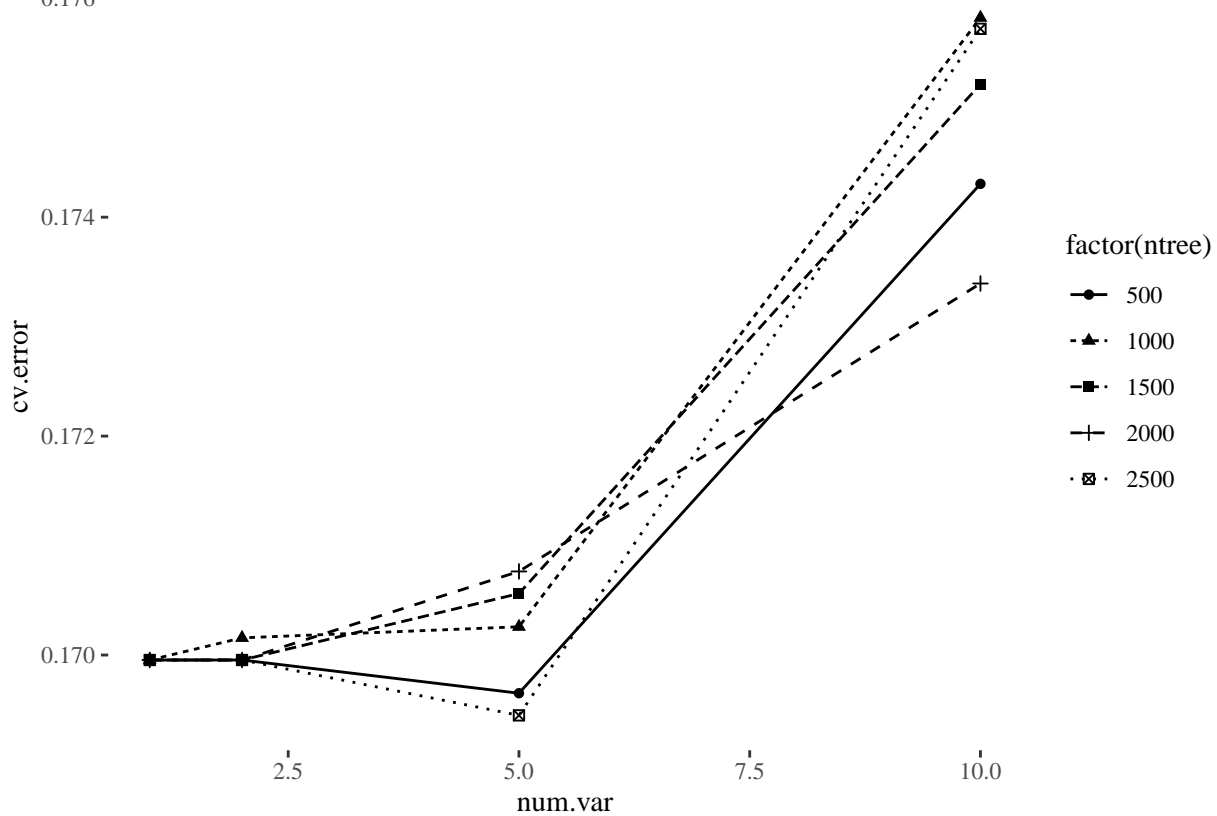
=====

Note: $p < 0.1$; $p < 0.05$; $p < 0.01$

```

user.dta %>% group_by(test_timed) %>% summarise(mean(as.numeric(feedback_relay), na.rm = T))
user.dta %>% group_by(test_timed) %>% summarise(mean(as.numeric(feedback_satisfied), na.rm = T))
0.176 -

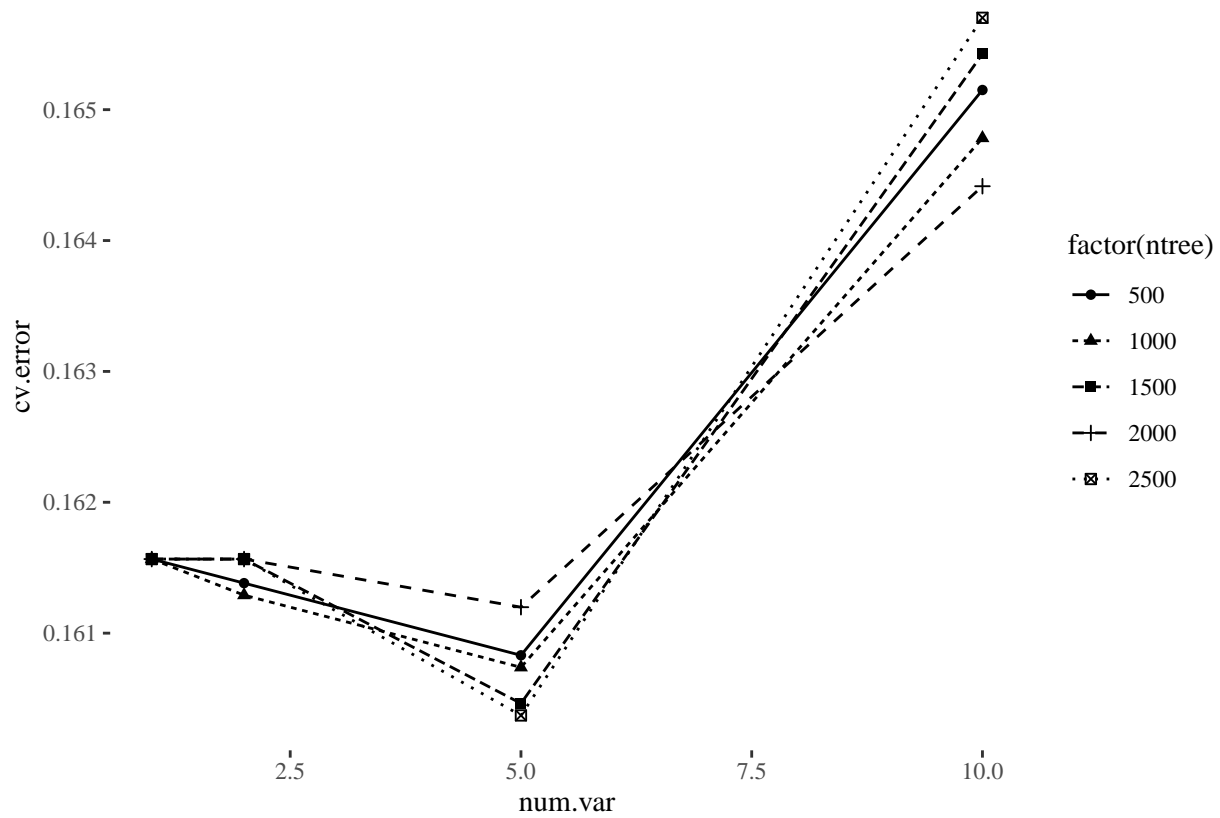
```



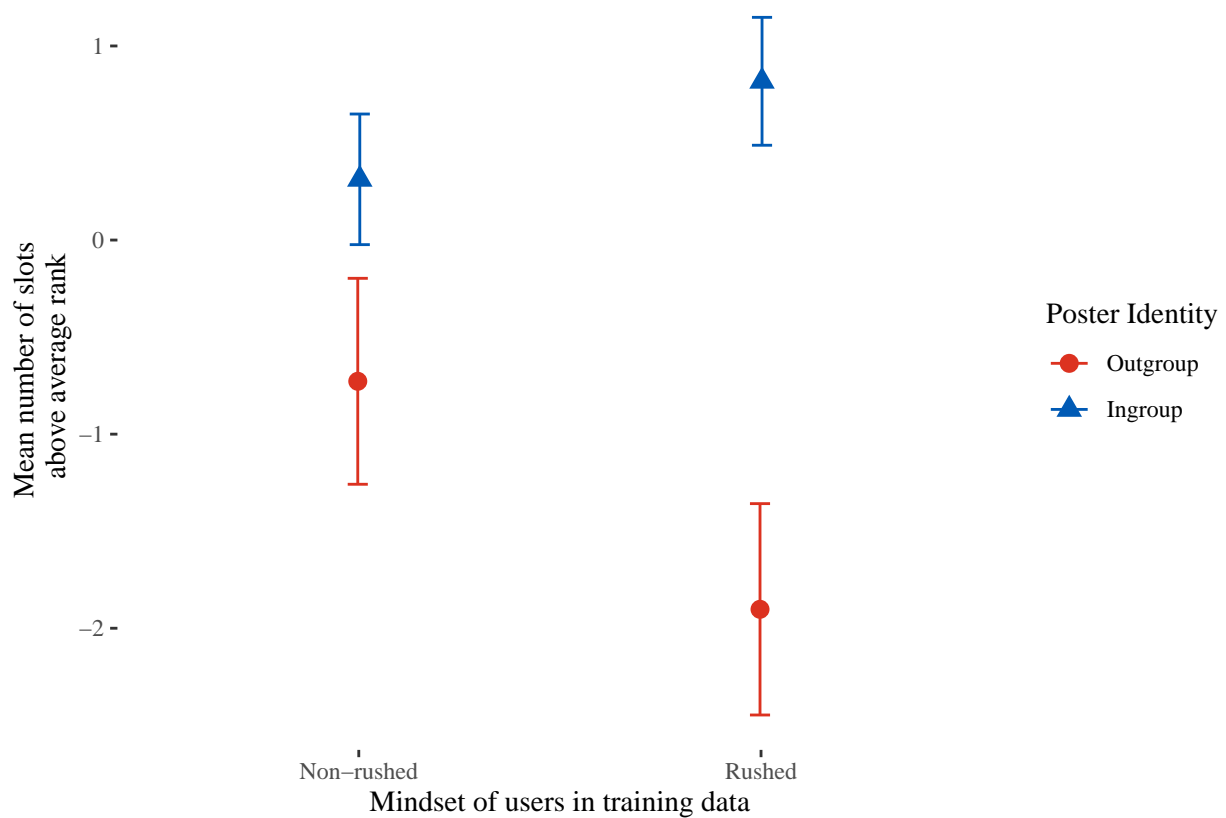
```

## `summarise()` ungrouping output (override with `.groups` argument)
## `summarise()` ungrouping output (override with `.groups` argument)

```

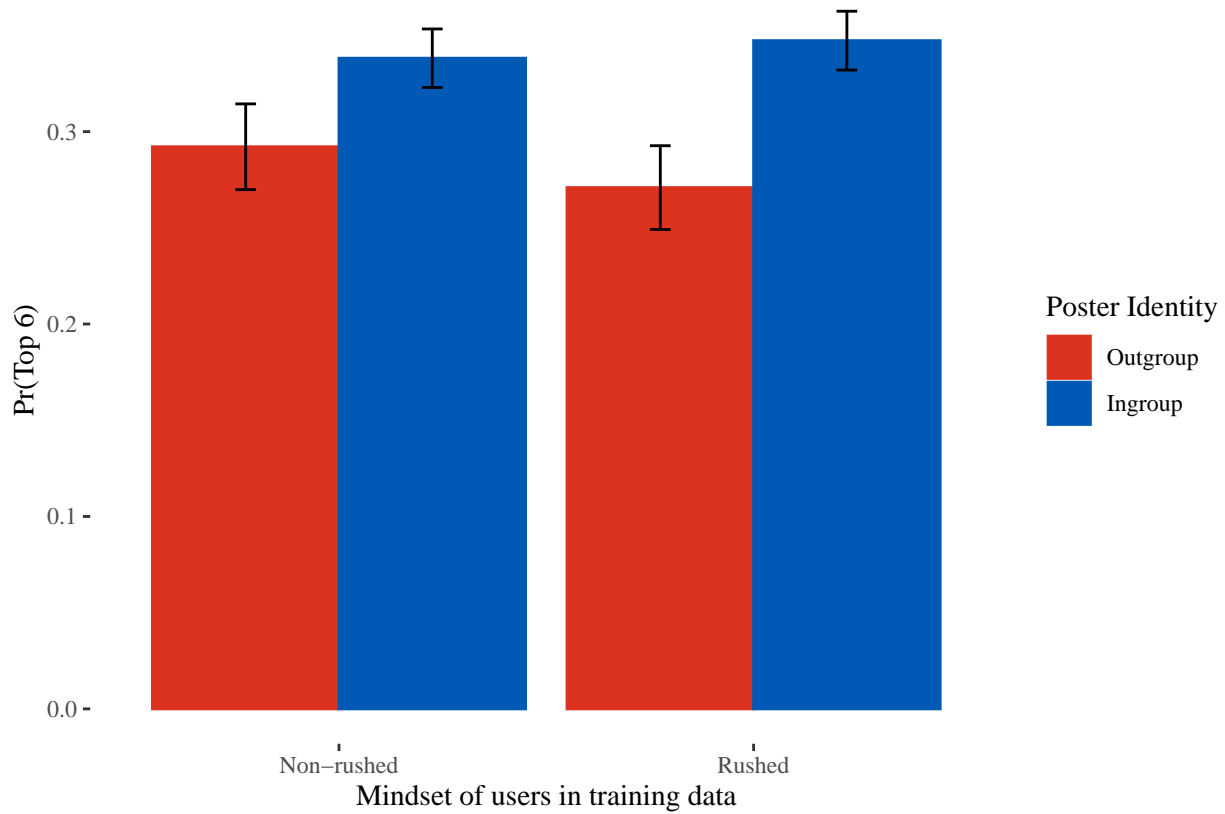


```
## `summarise()` ungrouping output (override with `.groups` argument)
## `summarise()` ungrouping output (override with `.groups` argument)
```



```
## quartz_off_screen
##      3

## pdf
##    2
```



```
## quartz_off_screen
##      3

## pdf
##    2
```

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Table 5: Experiment 1, Algorithmic Bias

	<i>Dependent variable:</i>	
	rank	top
	(1)	(2)
in.group.lax	-1.040*** (0.315)	0.046*** (0.014)
psychRushed	1.175*** (0.373)	-0.021 (0.017)
in.group.laxTRUE:psychRushed	-1.680*** (0.446)	0.030 (0.020)
Constant	14.427*** (0.264)	0.292*** (0.012)
Observations	10,656	10,656
R ²	0.008	0.004
Adjusted R ²	0.008	0.004
Residual Std. Error (df = 10652)	10.557	0.467
F Statistic (df = 3; 10652)	28.426***	13.599***
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	