Analysis of "Islamophobia and Media Portrayals of Muslim Women"

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Abstract

Rochelle Terman uses NLP to analyze recent. . .

Introduction

Materials and Methods

Results

Discussion

References

Acknowledgments

```
## Warning in countrycode((ccode), "cown", "country.name"): Some values were not matched unambiguously:
```
```
##   num_docs tot_muslims tot_population tot_women_treat muslim_perc
## 1     3639 35955357048   162403860425     225812906207   0.2213947
##   women_perc
## 1   1.390441
```

The table i want

<div align="center">Probit Analysis of U.S. News Coverage about Women Abroad</div>

	Repocountry.yeared (Binary)		
	Model 1	**Model 2**	**Model 3**
Country Repocountry.years	0.005***	0.005***	0.005***
	(0.001)	(0.001)	(0.001)
Women's Rights Index	0.161	0.155	0.138
	(0.085)	(0.084)	(0.082)
Muslim Majority	0.478		
	(0.261)		
MENA		0.664	
		(0.340)	
Muslim Percentage			0.368
			(0.305)
Democracy	−0.005	−0.004	−0.004
	(0.007)	(0.007)	(0.008)
Instability	−0.0001***	−0.0001***	−0.0001***
	(0.00004)	(0.00003)	(0.00004)
Population	0.500***	0.499***	0.497***
	(0.057)	(0.056)	(0.057)
GDP per capita	0.103**	0.113**	0.109**
	(0.038)	(0.042)	(0.036)
Women's Rights x Muslim Majority	−0.533**		
	(0.185)		
Women's Rights x MENA		−0.798**	
		(0.250)	
Women's Rights x Muslim Percentage			−0.443*
			(0.204)
Constant	−8.544***	−8.631***	−8.505***
	(0.855)	(0.873)	(0.855)
N	3934	3950	3934
R-squared	0.274	0.275	0.273
Adj. R-squared	0.272	0.273	0.272
Residual Std. Error	2.239 (df = 3925)	2.234 (df = 3941)	2.240 (df = 3925)
F Statistic	185.133*** (df = 8; 3925)	186.486*** (df = 8; 3941)	184.359*** (df = 8; 392ξ

$^{***}p < .001$; $^{**}p < .01$; $^{*}p < .05$

Robust standard errors clustered on country appear in parentheses.

The table i want 2

Probit Analysis of U.S. News Coverage about Women Abroad

	Repocountry.yeared (Binary)		
	Model 1	**Model 2**	**Model 3**
count	0.005***	0.005***	0.005***
	(0.001)	(0.001)	(0.001)
muslim	−0.160		
muslim.maj		−0.158	
mena			−0.161
women_composite	0.005	0.002	0.002
	(0.085)	(0.084)	(0.082)
polity2	−0.005	−0.006	−0.005
	(0.007)	(0.007)	(0.008)
domestic9	−0.0001***	−0.0001***	−0.0001***
	(0.00004)	(0.00003)	(0.00004)
log(pop.wdi)	0.499***	0.499***	0.494***
	(0.057)	(0.056)	(0.057)
log(gdp.pc.un)	0.135***	0.137**	0.149***
	(0.038)	(0.042)	(0.036)
Constant	−8.525***	−8.533***	−8.582***
	(0.855)	(0.873)	(0.855)
N	3934	3934	3950
R-squared	0.272	0.272	0.272
Adj. R-squared	0.271	0.271	0.271
Residual Std. Error	2.241 (df = 3926)	2.241 (df = 3926)	2.238 (df = 3942)
F Statistic	209.729*** (df = 7; 3926)	209.849*** (df = 7; 3926)	210.414*** (df = 7; 3942)

***$p < .001$; **$p < .01$; *$p < .05$

Robust standard errors clustered on country appear in parentheses.

fun table :)

The table i want 2

Probit Analysis of U.S. News Coverage about Women Abroad

	women_composite
count	−0.0002
	(0.001)
muslim	−0.457***
polity2	0.020
	(0.007)
domestic9	−0.00003
	(0.00004)
log(pop.wdi)	0.012***
	(0.057)
log(gdp.pc.un)	0.117*
	(0.038)
Constant	0.511
	(0.855)
N	3934
R-squared	0.417
Adj. R-squared	0.416
Residual Std. Error	0.453 (df = 3927)
F Statistic	468.547*** (df = 6; 3927)

***p < .001; **p < .01; *p < .05
Robust standard errors clustered on country appear in parentheses.

Appendix

Table 1: Probit Analysis of U.S. News Coverage of Women Abroad

Probit Analysis of U.S. News Coverage about Women Abroad

	Repocountry.yeared (Binary)		
	Model 1	**Model 2**	**Model 3**
Country Repocountry.years	0.002***	0.002***	0.002***
	(0.0003)	(0.0003)	(0.0003)
Women's Rights Index	0.110	0.117	0.138*
	(0.065)	(0.063)	(0.068)
Muslim Majority	0.553***		
	(0.166)		
MENA		0.705***	
		(0.186)	
Muslim Percentage			0.657***
			(0.184)
Democracy	0.008	0.013**	0.009
	(0.005)	(0.005)	(0.005)
Instability	−0.00001	−0.00001	−0.00001
	(0.00002)	(0.00002)	(0.00002)
Population	0.438***	0.436***	0.431***
	(0.023)	(0.023)	(0.023)
GDP per capita	0.144***	0.129***	0.141***
	(0.024)	(0.026)	(0.025)
Women's Rights x Muslim Majority	−0.466***		
	(0.128)		
Women's Rights x MENA		−0.475**	
		(0.152)	
Women's Rights x Muslim Percentage			−0.496***
			(0.138)
Constant	−9.262***	−9.162***	−9.197***
	(0.444)	(0.447)	(0.443)
N	3934	3950	3934
Log Likelihood	−1671.856	−1677.103	−1671.785
AIC	3361.712	3372.205	3361.570

***p < .001; **p < .01; *p < .05
Robust standard errors clustered on country appear in parentheses.

Table 2: Negative Binomial Analysis of U.S. News Coverage of Women Abroad

Negative Binomial Analysis of U.S. News Coverage about Women Abroad

	Reported (Count)		
	Model 1	**Model 2**	**Model 3**
Country Reports	0.002***	0.002***	0.002***
	(0.0001)	(0.0001)	(0.0001)
Women's Rights Index	0.206*	0.248*	0.249*
	(0.102)	(0.097)	(0.111)
Muslim Majority	1.339***		
	(0.373)		
MENA		1.713***	
		(0.389)	
Muslim Percentage			1.469***
			(0.412)
Democracy	0.003	0.013	0.004
	(0.011)	(0.011)	(0.011)
Instability	−0.00002	−0.00003	−0.00002
	(0.00002)	(0.00002)	(0.00002)
Population	0.640***	0.639***	0.631***
	(0.024)	(0.024)	(0.024)
GDP per capita	0.226***	0.189***	0.226***
	(0.041)	(0.042)	(0.042)
Women's Rights x Muslim Majority	−1.088***		
	(0.246)		
Women's Rights x MENA		−1.157***	
		(0.269)	
Women's Rights x Muslim Percentage			−1.120***
			(0.266)
Constant	−13.627***	−13.477***	−13.567***
	(0.589)	(0.573)	(0.599)
N	3934	3950	3934
Log Likelihood	−3591.307	−3590.501	−3592.008
θ	0.837*** (0.056)	0.852*** (0.058)	0.836*** (0.056)
AIC	7200.614	7199.003	7202.015

***p < .001; **p < .01; *p < .05
Robust standard errors clustered on country appear in parentheses.

Table 3: Summary of Topic Labels

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	Labels	Probability	FR
1	Business	said, work, compani, year, percent, job, busi, worker, million, market	con
2	Sports	team, women, game, play, world, said, olymp, sport, player, first	gan
3	Public Health	cancer, health, women, doctor, said, hospit, aid, breast, clinic, year	can
4	Fashion	black, dress, one, cloth, wear, design, street, fashion, citi, white	rest
5	Arts	film, book, show, art, work, stori, life, one, play, write	film
6	United Nations	women, said, will, right, confer, organ, group, world, issu, govern	con
7	Sexual Assault	said, polic, rape, case, report, sexual, violenc, victim, court, crime	rap
8	Combat	said, war, militari, kill, attack, soldier, women, forc, two, combat	sol
9	Women's Rights and Gender Equality	women, men, femal, law, right, chang, male, equal, mani, issu	equ
10	Politics	polit, minist, govern, elect, parti, presid, said, vote, leader, prime	elec
11	Profiles	year, mrs, work, school, first, mother, said, student, husband, children	mrs
12	Human Interest	said, like, say, one, peopl, just, want, get, can, think	kno
13	Marriage & Family	famili, girl, women, husband, said, children, villag, live, marri, marriag	vill
14	Religion	said, islam, religi, right, church, ban, law, countri, women, practic	isla
15	Reproductive & Personal Health	abort, studi, women, said, research, use, percent, report, birth, rate	abo

Table 4: Two-Step Analysis of Rights Focus in U.S. News Coverage of Women Abroad

Two-Step Analysis of Rights Focus in U.S. News Coverage about Women Abroad

	Rights Focus		
	Model 1	**Model 2**	**Model 3**
Intercept	0.094***	0.093***	0.089***
	(0.008)	(0.008)	(0.009)
Women's Rights Index	−0.014**	−0.015**	−0.013**
	(0.005)	(0.005)	(0.005)
Muslim Majority	0.036***		
	(0.007)		
MENA		0.051***	
		(0.008)	
Muslim Percentage			0.042***
			(0.008)
Democracy	−0.0004	0.0002	−0.0004
	(0.0004)	(0.0004)	(0.0004)
Physical Integrity Rights	0.005***	0.004***	0.005***
	(0.001)	(0.001)	(0.001)
IMR1	−0.016***	−0.012**	−0.016***
	(0.004)	(0.004)	(0.004)
N	1039	1040	1039
R-squared	0.580	0.585	0.581
Adj. R-squared	0.578	0.582	0.579
Residual Std. Error	0.076 (df = 1033)	0.075 (df = 1034)	0.076 (df = 1033)
F Statistic	238.113*** (df = 6; 1033)	242.629*** (df = 6; 1034)	238.835*** (df = 6; 1033)

***$p < .001$; **$p < .01$; *$p < .05$

Robust standard errors clustered on country appear in parentheses.

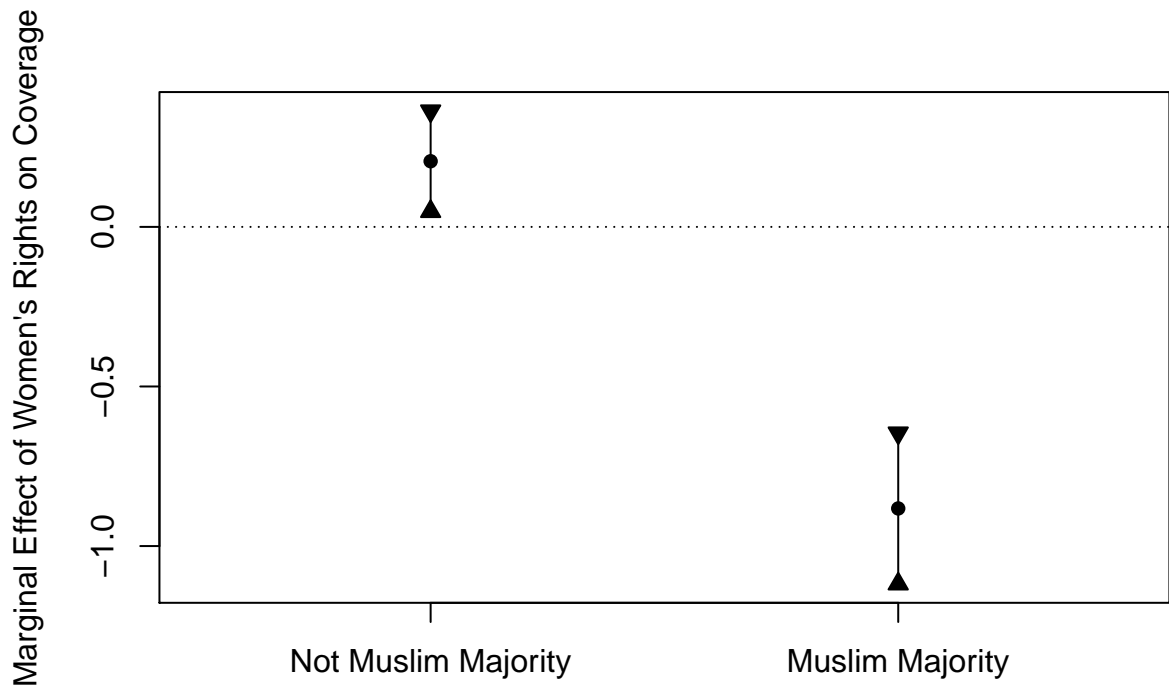**Figure 2: Marginal Effects of Women's Rights Index on Reported (Count)**

Figure 3: Summary of Topic Prevalence

Topic 12: Human Interest
Topic 9: Women's Rights and Gen
Topic 6: United Nations
Topic 7: Sexual Assault
Topic 5: Arts
Topic 10: Politics
Topic 1: Business
Topic 2: Sports
Topic 11: Profiles
Topic 13: Marriage & Family
Topic 4: Fashion
Topic 15: Reproductive & Personal Health
Topic 8: Combat
Topic 14: Religion
Topic 3: Public Health

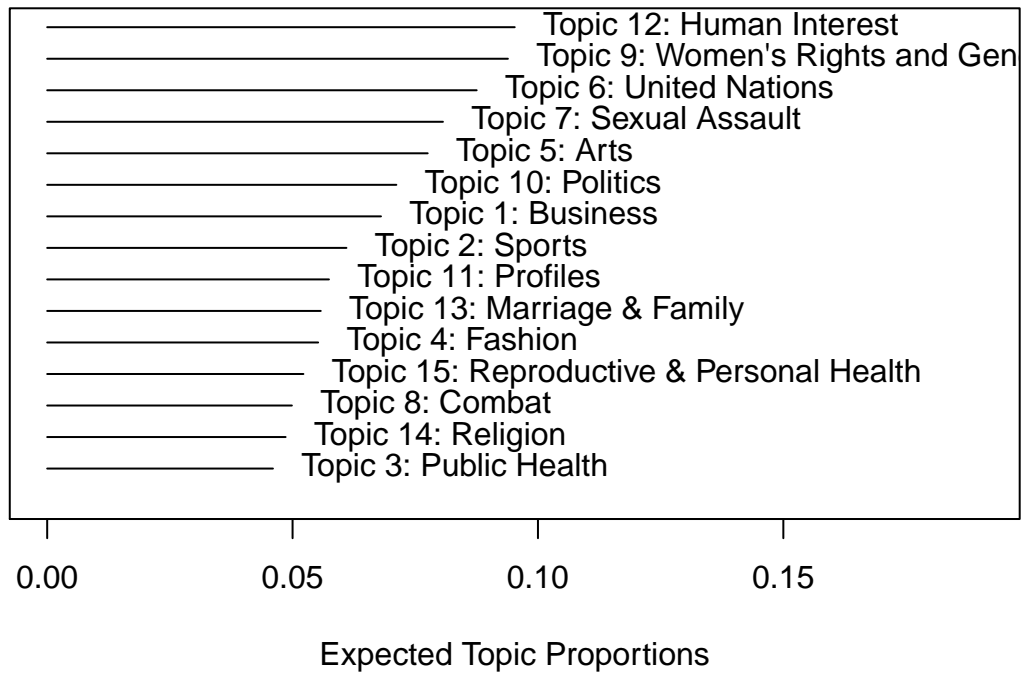0.00   0.05   0.10   0.15

Expected Topic Proportions

Figure 4: Expected Document Proportions for Four Topics

Public Health

Sexual Assault

Women's Rights and Gender Equality

Religion