

Appendix B: Results of Analysis of Full Comment Sets (Without Filtering Based on Comment Length)

Table B1: Distribution of Comments by Subreddit

Subreddit	N of Comments
/r/liberalgunowners	204,705
/r/progun	130,045
/r/guns	986,598
TOTAL	1,321,348

Table B2: Cosine Similarity Between Subreddit Feature Sets

	/r/liberalgunowners vs. /r/progun	/r/liberalgunowners vs. /r/guns	/r/progun vs. /r/guns
Cosine Similarity	0.996	0.872	0.879

Table B3: Top Twenty Features Using Fightin' Words with Informative Dirichlet Prior (/r/progun vs. /r/liberalgunowners)

/r/progun feature	z-score	/r/liberalgunowners feature	z-score
govern	32.597	liber	45.611
law	29.135	democrat	35.058
homicid	23.998	parti	32.074
crime	23.788	nra	26.698
rate	22.953	sub	26.583
school	22.555	republican	25.456
kill	22.492	vote	23.229
citizen	21.632	issu	22.696
murder	21.455	voter	20.655
arm	21.193	libertarian	19.707
constitut	20.119	polit	18.948
gang	19.806	candid	18.525
knife	19.601	think	18.385
U.S.	19.510	conserv	17.447
crimin	19.102	lot	17.231
progun	18.730	elect	17.132
delet	18.128	dem	17.089
australia	18.057	rang	17.089
illeg	17.049	wing	15.701
death	16.727	exclud	15.661

Table B4: Top Twenty Features Using Fightin' Words with Informative Dirichlet Prior (/r/guns vs. /r/liberalgunowners)

/r/guns feature	z-score	/r/liberalgunowners feature	z-score
barrel	83.703	peopl	169.499
post	83.006	right	127.382
look	82.693	liber	124.532
rifl	73.764	vote	113.559
mag	71.118	democrat	112.757
pistol	70.479	nra	100.714
round	70.434	support	98.590
stock	70.186	parti	94.981
trigger	69.224	law	94.474
nice	64.879	control	93.834
buy	63.823	violenc	90.669
rang	63.478	polit	89.418
glock	62.896	govern	87.605
ammo	62.549	amend	85.674
got	61.733	republican	85.099
grip	61.543	trump	79.344
sight	61.161	crime	79.086
thank	60.190	argument	78.476
price	59.581	conserv	77.320
u	58.429	owner	76.247

Table B5: Top Twenty Features Using Fightin' Words with Informative Dirichlet Prior (/r/guns vs. /r/progun)

/r/guns feature	z-score	/r/progun feature	z-score
look	64.247	peopl	141.690
post	64.057	law	117.037
barrel	61.136	govern	115.001
pistol	57.541	right	110.796
rifl	57.368	crime	96.798
rang	56.420	amend	89.999
round	56.156	school	87.653
mag	53.516	control	85.627
trigger	53.412	murder	82.585
stock	49.531	argument	78.435
ammo	49.442	constitute	78.150
got	49.027	kill	77.979
nice	49.012	violenc	76.946
glock	46.429	citizen	75.499
buy	46.379	death	74.345
price	45.548	gun	74.033
one	44.099	countri	73.752
grip	43.842	crimin	73.175
u	43.284	state	71.790
thank	42.113	support	70.777