

ARE SOCIAL MEDIA EMANCIPATORY OR HEGEMONIC? SOCIETAL EFFECTS OF MASS MEDIA DIGITIZATION IN THE CASE OF THE SOPA DISCOURSE

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Appendix A

The SOPA Legislation and Ensuing Discourse

The Stop Online Piracy Act (H.R. 3261) was introduced by U.S. Congressman Lamar Smith on October 26, 2011. Supported by the entertainment and mass media industries, SOPA aimed to enable copyright holders to block “foreign” websites that host pirated content. SOPA opposition contended the bill was open to abuse by copyright holders, Internet service providers, and the government due to its broad, ambiguous language. Sites like YouTube that unknowingly hosted pirated content could be shut down without a chance to defend themselves.

In the series of proposed legislation aimed at regulating the Internet (see Table A1), the SOPA discourse is considered a watershed moment in digital freedom (Thompson 2013). The discourse addressed not only SOPA, but also associated legislation such as the Preventing Real Online Threats to Economic Creativity and Theft of Intellectual Property Act (PIPA; S.B. 968), introduced by Senator Patrick Leahy on May 12, 2011, and the international Anti-Counterfeiting Trade Agreement (ACTA), signed on October 1, 2011, by eight countries including the United States.

Figure A1 depicts the timeline of key events in the SOPA discourse. Legislative support for the bill dwindled rapidly as online opposition—led by the then three-month-old digital rights advocacy group, Fight for the Future (FFTF)—to the bill grew. On October 19, 2011, FFTF launched the FreeBieber.org site, satirizing effects of the bills. On November 9, tech industry leaders asked FFTF to present ideas for a protest against SOPA. FFTF proposed a blackout, for which they wrote and disseminated software and tools. The next day, the group also launched the AmericanCensorship.org website, which supplied much of the information disseminated online. The first blackout of major Internet sites, promoted as American Censorship Day (November 16), coincided with the House Judiciary Committee’s first hearing on SOPA. Discourse about the bills grew again as Internet companies called out hosting company GoDaddy for its support of the bills. The discourse culminated in online calls to boycott GoDaddy; FFTF’s GoDaddyBoycott.org site documented the boycott. To a lesser extent, the Entertainment Software Association’s (ESA) support for the bills prompted online calls to boycott the 2012 E3 event, a key revenue source for the ESA. About this time, ProPublica released a report online documenting the relationship between technology and media companies’ financial contributions to legislators and their positions on the bills. Major Internet companies mobilized a second protest blackout, SOPA Strike Day (January 18).

Legislation	Date		
	Proposed	Signed into Law	Overtured
Trading with the Enemy Act (TWEA)	1957	N/A	In effect
Communications Decency Act (CDA)	1-Feb-1995	8-Feb-96	Partially, in 1997
Digital Millennium Copyright Act (DMCA)	29-Jul-1997	28-Oct-98	In effect
Child Online Protection Act (COPA)	30-Apr-1998	21-Oct-98	21-Jan-2009
Children's Online Privacy Protection Act (COPPA)	17-Sep-1998	21-Apr-00	In effect
Children's Internet Protection Act (CIPA)	19-Jan-1999	21-Dec-00	In effect
Neighborhood Children's Internet Protection Act (NCIPA)	19-Jan-1999	21-Dec-00	In effect
Deleting Online Predators Act (DOPA)	9-May-2006	Not passed	N/A
Prioritizing Resources and Organization for Intellectual Property Act (PRO-IP Act)	5-Dec-2007	13-Oct-08	In effect
Protecting Cyberspace as a National Asset Act (PCNAA)	10-Jun-2010	Not passed	N/A
Combating Online Infringement and Counterfeits Act (COICA)	20-Sep-2010	Not passed	N/A
Executive Cyberspace Coordination Act (ECCA)	16-Mar-2011	Not passed	N/A
Commercial Felony Streaming Act (Ten Strikes)	12-May-2011	Not passed	N/A
Preventing Real Online Threats to Economic Creativity and Theft of Intellectual Property Act (Protect-IP Act or PIPA)	12-May-2011	Not passed	N/A
Protecting Children from Internet Pornographers Act (PCIPA)	25-May-2011	Not passed	N/A
Stop Online Piracy Act (SOPA)	26-Oct-2011	Not passed	N/A
Cyber Intelligence Sharing and Protection Act (CISPA)	30-Nov-2011	Not passed	N/A
Do Not Track Kids Act	14-Nov-2013	Not passed	N/A
Internet Gambling Regulation and Tax Enforcement Act	14-Nov-2013	Not passed	N/A
Open Internet Preservation Act	3-Feb-2014	Not passed	N/A
Internet Freedom Act	21-Feb-2014	Not passed	N/A
Online Competition and Consumer Choice Act	17-June-2014	Not passed	N/A
Marketplace and Internet Tax Fairness Act	15-July-2014	Not passed	N/A

FFTF reported over 115,000 sites participated in the blackout, prompting 10 million signatures to online petitions, 8 million calls to legislators, and 4 million emails,¹ and culminating in legislators' widespread withdrawal of support for the bills. Through this period, mainstream media coverage of the bills was low, visible mainly in the December 1 Colbert Report, the January 12 coverage by Jon Stewart and Erin Burnett, and the January 15 Chris Hayes show, prompting speculation that the dearth of coverage reflected media companies' economic interest in minimizing public awareness of the bill (e.g., Dimiero 2012).

¹Participation information was obtained from <http://www.sopastrike.com/numbers/>.

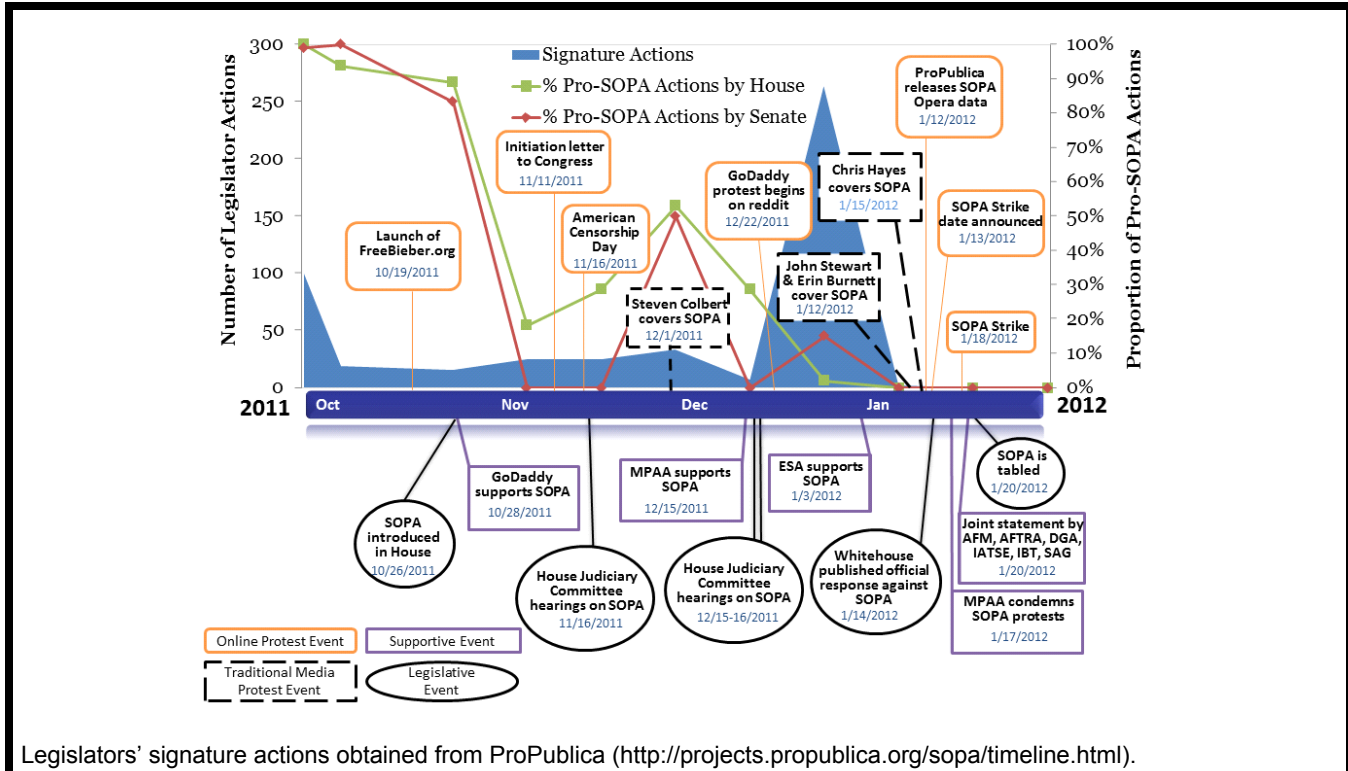


Figure A1. SOPA Timeline

Appendix B

Societal Functions and Dysfunctions of Mass Media

The presence of media free from political control or influence is a widely held barometer of civil liberty (Puddington 2014). In democratic regimes, “the press, as an institution, constitutes a viable base from which to stand up to government and concentrated corporate power” (Hachten 2005, p. 33). Mass media are the “connective tissue” of democracies, “the principal means through which citizens and their elected representatives communicate” (Gunther and Mughan 2000, p. 1). They enforce social norms “by ‘exposing’ conditions which are at variance with public moralities” (Lazarsfeld and Merton 2000, p. 236). Mass media researchers have debated the societal functions and dysfunctions of mass media (e.g., Althusser 2001; Gramsci 2005; Marshall 1998), which we briefly consider below.

Functions of Mass Media

Research suggests that mass media play five key societal functions, summarized in Table B1. First, mass media perform the function of **inclusion**. We see this function reflected in Dahlberg’s (2001a; 2001b) concern that individuals be able to express their interests free from state and economic power, in Ferree et al.’s (2002) concern that autonomous actors have standing in discourse, in Hachten’s (2005) concern for individuals’ participation in self-government, and in Franquet i Calvet et al.’s (2013) concern that individuals have the ability to disseminate content. Second, mass media serve a **democratization** function. We see this function reflected in Dahlberg’s (2001a; 2001b), Ferree et al.’s, and Franquet i Calvet et al.’s concern for a rational exchange of views through individual reflexivity or self-criticism and ability to understand others’ viewpoints. Third, mass media serve to **expose the truth** (Hachten 2005), visible also in Dahlberg’s (2001b) concern for sincerity, Ferree et al.’s concern for transparency, and Franquet i Calvet et al.’s concern for content evaluation. Fourth, mass media permit individuals’ self-fulfillment through **creative expression** (Hachten 2005) and their ability to share their personal narrative (Ferree et al. 2002). Fifth, mass media **enhance community**, enforcing norms (Lazarsfeld and Merton 2000), fostering a sense of shared identity and values (Dahlberg 2001a), and fostering a stable social order, while also providing the foundation necessary for societal change (Hachten 2005; Swidler 1986).

Table B1. Functions of Mass Media					
Synthesized Functions	Inclusion	Democratization	Truth Exposure	Creative Expression	Community Enhancement
Lazarsfeld and Merton (2000)					Norm enforcement
Dahlberg (2001a)	Expression of individual interests	Rational discourse			Communal identity and values
Dahlberg (2001b)	Freedom from state and economic power; inclusiveness and equality	Exchange and critique of validity claims; reflexivity; role-taking	Sincerity		
Ferree et al. (2002)	Standing to autonomous, grassroots actors	Mutually respectful, civil dialogue; avoidance of premature closure	Transparency	Individual narrative	
Hachten (2005)	Self-government through participation		Uncovering of the truth	Self-fulfillment through self-expression	Balance stability and change
Franquet i Calvet et al. (2013)	Content dissemination	Debate	Content evaluation		

Dysfunctions of Mass Media

Even in democratic regimes, critical theorists posit that mass media can be dysfunctional, often co-opted into perpetuating the interests of the power elites (Marcuse 1964), and becoming one of the “ideological state apparatuses” or institutions through which those with economic or political power shape public consciousness (Althusser 2001). Prior research has identified three ways in which media can be dysfunctional and bias public consciousness. The first is in decisions whether to cover an issue. Through their status conferral capability, that is, legitimation of “selected policies, persons and groups which receive the support of mass media” (Lazarsfeld and Merton 2000, p. 235), mass media often display a **selection bias** (i.e., failure to cover a newsworthy issue). This may be deliberate, attributable to a commercial bias (Earl et al. 2004), or unintended, such as when news organizations’ surveillance fails to reveal an issue (Graber 2010). The second bias is in decisions about whose voice to represent. This **source bias** emanates in two ways. First, a class bias arises from media owners’ “close ties with other influential business and political leaders” (Baylor 1996, p. 243). Second, an inertia bias stems from journalists’ dependence on routine sources “including official proceedings, government or agency press releases, and public officials” (Baylor 1996, p. 243; also Nucci and Kubey 2007), subconsciously or consciously privileging official interpretations (e.g., Gans 2005; Tuchman 1978). The third way in which media bias public consciousness is through decisions about how to report on an issue. This **framing bias** is effected via attribute-setting—emphasizing particular attributes of an issue or of an event or person relevant to the issue, while ignoring others, thereby providing the public with one-sided “issue-related criteria for evaluating” objects associated with the issue (Scheufele 2000, p. 407).

Appendix C

Approach for Assessing Frames/Signature Elements

To analyze framing and signature restrictions more systematically, we sampled messages (articles, shows, tweets, and video posts) from each of the four media (summarized in Table C1). For traditional media, we sampled from articles and shows for which we were able to find online archives, so as not to underestimate traditional media use of visual and music signature elements. For social media, we drew random samples of tweets and posts from the entire data set. One researcher then coded each message. We coded for the presence of pro- and anti-diagnostic, prognostic, and motivational frames, and for the presence of each of the six signature elements. We assessed inter-rater reliability as Cohen’s (1960) kappa, based on a random set of 100 messages from the four media that was coded by a second researcher. Inter-rater reliability averaged 0.94 for frames, ranging from 0.82 to 1.00, and 0.91 for signature elements, ranging from 0.82 to 1.00.

Table C1. Description of Media Samples for Frames and Signature Elements Sample Attributes

Sample Attributes	NEWSPAPER	TELEVISION	TWITTER	YOUTUBE
Messages in sample	75	25	1,500	100
Total messages	338	85	1,067,319	1,065
Percent of data sampled	22.19%	29.40%	0.14%	9.40%

Table C2. Proportion of Sample Displaying Different Perspectives[†]

Type of Frame	NEWSPAPER	TELEVISION	TWITTER	YOUTUBE
Proportion of Sample Displaying Pro-SOPA Frames				
Diagnostic	0.63	0.68	0.01	0.25
Prognostic	0.36	0.44	0.00	0.05
Motivational	0.04	0.00	0.00	0.00
Proportion of Sample Displaying Anti-SOPA Frames				
Diagnostic	0.47	0.44	0.14	0.68
Prognostic	0.87	0.92	0.12	0.76
Motivational	0.13	0.04	0.33	0.58

[†]Numbers need not add up to 1 because a message could display neither or both perspectives.

Table C3. Proportion of Sample Displaying Each Signature Element

Signature Element	NEWSPAPER	TELEVISION	TWITTER	YOUTUBE
Metaphors	0.25	0.48	0.01	0.18
Exemplars	0.24	0.32	0.15	0.37
Catchphrases	0.05	0.16	0.34	0.33
Depictions	0.36	0.60	0.03	0.23
Visual images	0.25	0.68	0.07	0.36
Sarcasm/Irony	0.03	0.16	0.06	0.10
Music	0.01	0.08	0.01	0.08

Table C2 depicts the proportions of pro- and anti-SOPA diagnostic, prognostic, and motivational frames displayed across media. Except for anti-SOPA motivational frames, which were most conspicuous on social media, we see higher rates of frames being offered on traditional than on social media. This suggests a tendency for traditional media to emphasize intellectual merits in messages, whereas social media messages tend to use evocative appeal coupled with intellectual appeal, and sometimes, rely solely on evocative appeal.

Table C3 depicts the proportion of messages using each of the seven signature elements. Usage rates generally were highest on television, except for exemplars and music, which appeared with the highest frequency on YouTube, and catchphrases, which appeared with the highest frequency on Twitter. Extensive use of catchphrases on Twitter partly reflects the necessity of efficiency borne of the 140-character limit, as well as an affinity for catchphrases and hashtags in Internet culture. This cultural aspect is reflected in the prolific use of catchphrases on YouTube as well, where communication was not similarly limited. Internet qualities such as low production costs enable musicians to publish musical content on YouTube. Finally, the plethora of SOPA-violating content on YouTube allowed authors to easily identify exemplars relating to their own—or other popular—channels.

Appendix D

Analysis of Likelihood of Digested Tweets

We first considered the possibility that tweets within our data set (i.e., tweets from 11/17/2011 to 1/18/2012) were digested. Table D1 reports the proportions of tweets emanating from the same author within varying time windows.

However, not all tweets from a single author within a particular time window necessarily represent a single train of thought, fragmented across multiple tweets. Some repeat tweets could represent substantially different messages. To provide a better understanding of the extent to which tweets were digested, we undertook a more in-depth analysis of the 102 tweets occurring within the first five hours of the SOPA discourse (Table D2). Of these, 13 were from five authors who tweeted more than once. Felix Catus (@pure3v1L) tweeted at 5:44 p.m. and 5:53 p.m. In his second tweet, he simply credited his source DemandProgress, which he had not done on his first tweet. Kairi (@CollectiveDimen) tweeted at 6:16 p.m., 6:35 p.m., 7:02 p.m., and 7:50 p.m. Her second and third tweets were duplicates, reiterating the message from her first, but prefacing it with a call to action. Her fourth tweet attempted to engage another user in a conversation about the legislation. Brass Cupcake (@cmdfv) tweeted twice at 8:13 p.m. and then at 8:14 p.m., with the last two addressed to a single user, but providing two different links. Rob (@Nuttydrums) tweeted at 8:12 p.m. and 8:27 p.m. His first tweet retweeted DemandProgress’s 4:48 p.m. tweet; his second tweet reiterated the first, changing “breaks the net” to “set to crush the Internet.” Kristine Schachinger (@schachin) tweeted at 9:05 p.m. and 9:09 p.m., each tweet referencing the EFF, albeit with slightly different verbiage. These repetitive tweets strongly suggest a single train of thought—either duplicates or digests—and contribute to an over-estimate of the number of messages posted on Twitter. The texts of messages from a single author— in particular, the four tweets from Kairi (@CollectiveDimen)— suggest that messages posted within about 1½ hours tended to represent a single train of thought, which then began to diverge. Using a two-hour window from Table D1, we estimate as much as 23% of the tweets appearing in Table 2 were part of digested messages. While these digests do not affect our network diagram, which was constructed based on the entire study period, nor the network/structural constraint metrics, which were developed based on the totality of tweets within each of the four interim periods, they may result in underestimation of use of frames and signature elements on Twitter.

Table D1. Proportion of Possibly Digested Tweets

Time Window	Proportion of Repeated Tweets	Time Window	Proportion of Repeated Tweets
1 minute	5%	½ hour	18%
5 minutes	11%	1 hour	21%
10 minutes	14%	2 hours	23%
15 minutes	16%	24 hours	34%

Table D2. The First Five Hours of SOPA Tweets (October 26, 2011)†

	Time	Author	Tweet
1	4:46 p.m.	Sabrina Stevens (@TeacherSabrina)	Say no to the PROTECT IP bill, which could threaten sites like Facebook, Twitter & YouTube: act.demandprogress.org/act/sopa/?refe... via @demandprogress #p2 #1u
2	4:48 p.m.	Pipa kills the www (@PIPAKillstheWWW)	PROTECT IP Renamed E-PARASITES Act; Would Create The Great Firewall Of America techdirt.com/articles/20111... via @Techdirt #SOPA #PIPA
3	4:56 p.m.	Demand Progress (@demandprogress)	#OccupyTheInternet: It's here – and it basically breaks the Internet. Take Action and RT: act.demandprogress.org/act/sopa/?refe... via @demandprogress
4	4:59 p.m.	804R (@The804R)	@notch HOLY SHIT! Act.demandprogress.org/act/sopa/?refe... For everyone sake, RETWEET! D:
5	5:00 p.m.	Owen Hall (@Hallwings)	#OccupyTheInternet+RT: New Blacklist Bill could shut down Twitter. For real. TAKE ACTION: act.demandprogress.org/act/sopa/?refe... via @demandprogress
...			

Table D2. The First Five Hours of SOPA Tweets (October 26, 2011)[†] (Continued)			
	Time	Author	Tweet
23	5:44 p.m.	Felix Catus (@pure3v1L)	"#OccupyTheInternet: It's here – and it basically breaks the Internet. Take Action and RT: act.demandprogress.org/act/sopa/?refe..." @cmtello
24	5:53 p.m.	Felix Catus (@pure3v1L)	"@demandprogress: #OccupyTheInternet: It's here – and it basically breaks the Internet. Take Action and RT: act.demandprogress.org/act/sopa/?refe..." @cmtello
...			
27	6:16 p.m.	Kairi (@CollectiveDimen)	New Blacklist Bill could shut down Twitter. For real. TAKE ACTION: act.demandprogress.org/sopa/?refe... via @demandprogress
...			
32	6:35 p.m.	Kairi (@CollectiveDimen)	TAKE ACTION: New Internet Blacklist Bill Breaks The Internet! Demand Progress act.demandprogress.org/act/sopa/?refe...
...			
35	7:02 p.m.	Kairi (@CollectiveDimen)	TAKE ACTION: New Internet Blacklist Bill Breaks The Internet! Demand Progress act.demandprogress.org/act/sopa/?refe...
...			
39	7:50 p.m.	Kairi (@CollectiveDimen)	@Katersoneseven You probably won't even see this but please take the time to read it if you do... act.demandprogress.org/act/sopa/?refe... you don't hav to sign
...			
53	8:12 p.m.	Rob (@Nattydrums)	RT @demandprogress: #OccupyTheInternet: It's here&it basically breaks the net. Take Actions and RT: act.demandprogress.org/act/sopa/?refe... via @demandprogress
...			
55	8:13 p.m.	Brass Cupcake (@cmdfv)	Final push! Kill the Internet Blacklist bill! Act.demandprogress.org/letter/sopa/?a ...
...			
57	8:13 p.m.	Brass Cupcake (@cmdfv)	@santiagoblue7 Final push! Kill the Internet Blacklist bill! Act.demandprogress.org/letter/sopa/?a...
58	8:14 p.m.	Brass Cupcake (@cmdfv)	@santiagoblue7 Final push! Kill the Internet Blacklist bill! Goo.gl/iUzVU do it now!
...			
68	8:27 p.m.	Rob (@Nattydrums)	#OccupyTheInternet+RT: New Blacklist Bill set to crush the Internet. TAKE ACTION: act.demandprogress.org/act/sopa/?refe... via @demandprogress
...			
84	9:05 p.m.	Kristine Schachinger (@schachin)	Help the @EFF Stop the NEW Online Internet Blacklist Legislation > bit.ly/sqRLcX #seo #sopa
85	9:09 p.m.	Kristine Schachinger (@schachin)	Fight for free speech online – reject Internet Blacklist Legistlation. Eff.org/r.C8A #PROTECTIP #SOPA via @eff

[†]Each color represents a different author.

Appendix E

Distribution of Source Citation Ties Across Participants

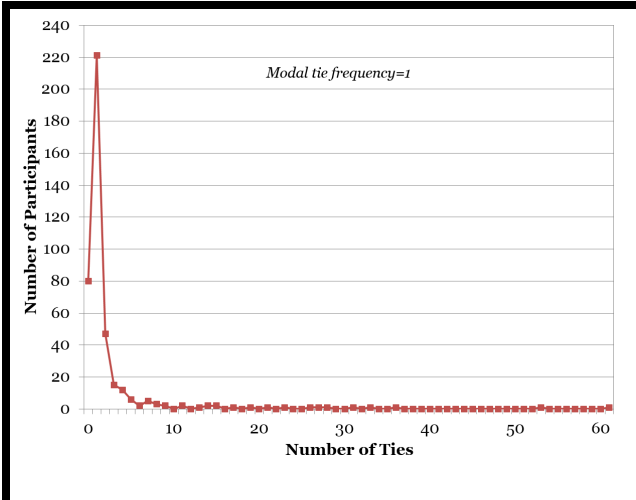


Figure E1. Newspaper

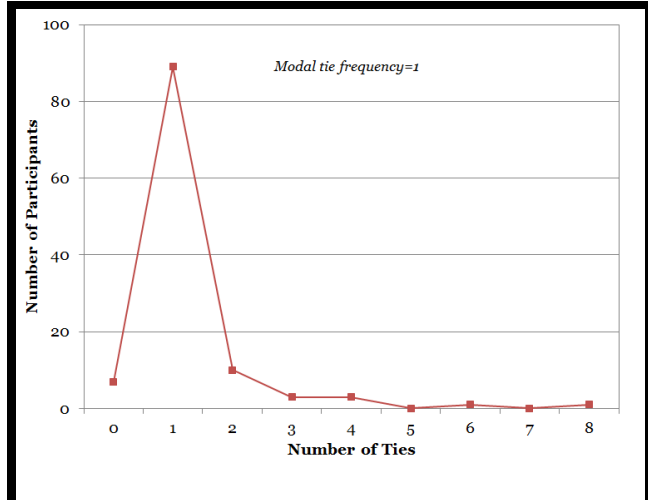


Figure E2. Television

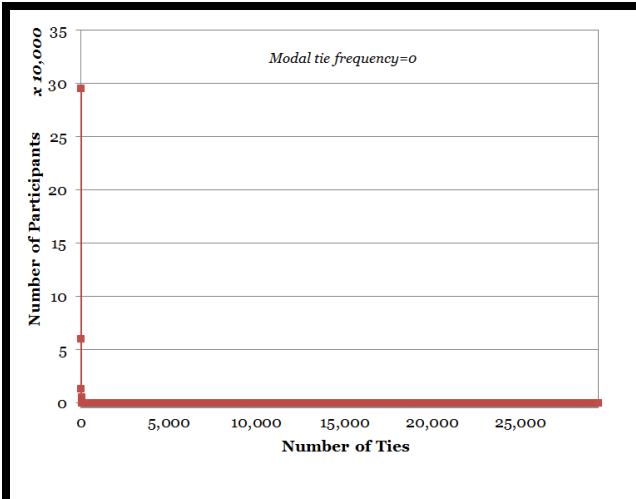


Figure E3. Twitter

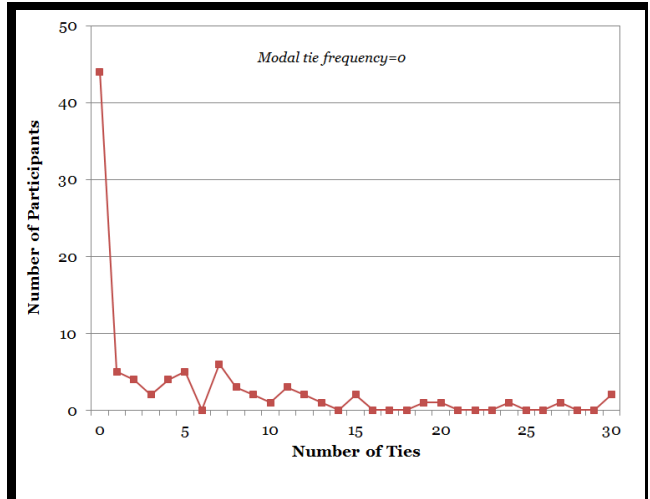


Figure E4. YouTube

Appendix F

Legend for Network Actors (Figure 4)

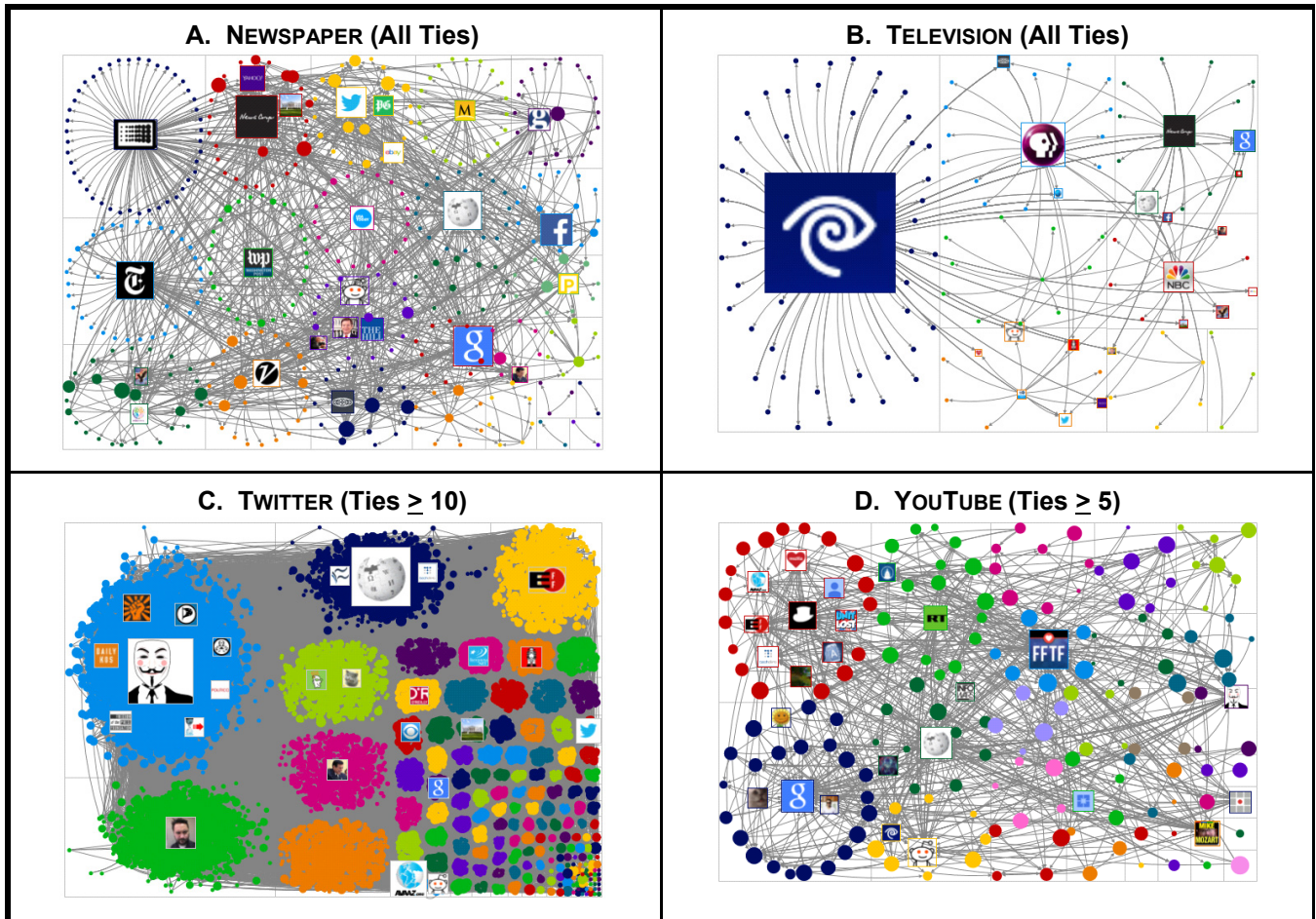






































































Figure 4. Author-Source Networks across Media[†]

[†]Legend provided on the following page. Node size depicts actors' relative influence. Groupings, depicted by node colors and position on grid, represent distinct communities. Only prominent actors in social media networks are depicted because of the density of networks.

	Adrian Isen		Google		Public Knowledge
	Anonymous		Guardian Media Group		reddit
	AOL		The Hill		Relax News
	Avaaz		House of Representatives		Russia Today
	Behemebash		Infowars		SOPA Means Censored
	Ben Baranovsky		Lamar Smith		Southeven1
	Boing Boing		MediaNews Group		Surnamehere
	CBS		MF		Tech Dirt
	The Cheezburger Network		Mike Mozart		Tech Republic
	The Christian Science Monitor		Mozilla		Telecomix
	The Daily Kos		Motion Picture Association of America		Time Warner
	Daily Variety		NBC		Total Biscuit/The Cynical Brit
	Darrell Issa		Net Coalition		Twitter
	Deutsche Welles		News Corp		Unit Lost – Great British Gaming
	Dustyboi234		The New York Times		Gannett Company
	eBay		Occupy Wall Street		US Chamber of Commerce
	Electronic Frontier Foundation		O'Reilly Media		Nash Holdings LLC
	Euro News		Patrick Leahy		White House
	Facebook		PBS		WikiLeaks
	Fight for the Future		Post Media Network		Wikipedia
	Freedom of the Press Foundation		Pirate Party		Wil Wheaton
	The Free Press		Pittsburgh Post Gazette		Yahoo
	GoDaddy		Politico		

Appendix G

Illustrations of Interpretive Media Packages

Abbreviations Used

Signatures

■No Signature [M]etaphor [E]xemplars [C]atchphrases [D]epictions [V]isual images [S]arcasm/Irony m[U]sic

Media

AB: American Banker	DW: Deutsche Welle	RN: RelaxNews	TOR: The Oregonian
BD: Business Day	FBN: Fox Business Network	SJM: San Jose Mercury	TW: Tulsa World
CAM: City A.M.	FNN: Fox News Network	SLT: Salt Lake Tribune	TWP: The Washington Post
CC: Comedy Central	HM: Hobart Mercury	SPP: St. Paul Pioneer Press	TWT: Twitter
CDP: Claremore Daily Progress	MTN: McClatchy Tribune News	TBT: The Bismark Tribune	USA: USA Today
CSM: Christian Science Monitor	NYT: The New York Times	TFE: The Financial Express	WSJ: Wall Street Journal
DC: Daily Camera	NP: National Post	TG: The Guardian	YTB: YouTube
DV: Daily Variety	PBS: Public Broadcasting Service	TIE: The Indian Express	

Notes: The purpose of the illustrations below is to depict the range of frames and signatures from Tables 3 and 4 and differences in frame emphases and signature use across media. The following is not an exhaustive set of frames and signatures communicated across the discourse. Direct quotes are italicized; descriptions or paraphrases appear as regular text. Quotes may illustrate multiple frames and signatures, but may not be repeated for brevity.



Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
Diagnostic Frames		
Anti-piracy/counterfeiting	<ul style="list-style-type: none"> ■ <i>Google ... fail[ed] to reject advertising business from pirates - specifically, online Canadian pharmacies</i> (NYT 12/15/11) ■ <i>Sites that specialize in stolen goods attract lots of users and lots of ads</i> (Rep. Mel Watt, TWP 11/17/11) ■ <i>[Foreign Web sites] are stealing our profits, they're stealing our jobs...</i> (Lamar Smith, NYT 1/13/12) ■ <i>The pro-legislation Copyright Alliance cites a report from the International Chamber of Commerce saying that piracy and counterfeiting cost businesses \$775 billion annually and puts 2.5 million jobs at risk worldwide.</i> (CNN 1/6/12) [M] <i>overseas sites ... operate as a free bazaar for illegal downloads ... of digital content</i> (CNN 12/22/11) [D] <i>Smith's Stop Online Piracy Act is aimed at foreign sites dedicated to pirated material</i> (TWP 11/17/11) [D] <i>Foreign thieves</i> (Lamar Smith, TWP 1/15/2012) [D] <i>Now joining us now to defend thieves and pirates, please welcome Professor of Internet Law at Harvard, Jonathan Zittrain</i> (Stephen Colbert, CC 12/1/11) [C] <i>Rogue Websites: Stealing the American Dream</i> (WSJ 1/18/12) [V] <i>Skull and crossbones flag on keyboard</i> (TG 1/9/12) [V] <i>The Pirate Bay site screenshot</i> (NYT 12/15/11) [V] <i>Screen shots of sites facilitating access to pirated movies</i> (PBS 12/15/11) [S] <i>Makes you long for a world where people respected works of others...</i> {Imagine all The People playing} (Jon Stewart, CC 1/18/12) [U] <i>Imagine all The People</i> (Jon Stewart, CC 1/18/12) 	<ul style="list-style-type: none"> ■ <i>The Stop Online Piracy Act (#SOPA) may help prevent illegal distribution of music, movies, software, etc.</i> (SafeNetInc, TWT 11/23/11) ■ <i>25 percent of the bandwidth of the internet is, by an independent study, the result of illegal traffic</i> (Rick Cotton, YTB 1/3/12) [M] <i>It's wrong to steal a 30-cent pack of gum, and it's a felony to steal a \$30,000 car.</i> (Betsy Megel, Exec Director, Physical production, Paramount/Vids654321, YTB 11/19/11) [E] <i>But a \$30 million movie is pirated and put up on the internet and people don't blink an eye</i> (Betsy Megel, Exec Director, Physical production, Paramount/Vids654321, YTB 11/19/11) [D] <i>Piracy leader is Google who streams movies free, sells advts around them. No wonder pouring millions into lobbying.</i> (Rupert Murdoch, TWT 1/14/12) [U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
<p>Censorship/ First Amendment violation</p>	<ul style="list-style-type: none"> ■ <i>The Stop Online Piracy Act ... is a clear effort by the federal government to censor the Internet</i> (WSJ 12/31/11) ■ <i>Wikipedia would be defined as a search engine and would not be able to even link to something like the Pirate Bay, even in our encyclopedic description of what Pirate Bay is. I think that's a real problem. That raises really serious First Amendment issues</i> (Wikipedia co-founder Jimmy Wales, CNN 1/17/12) <p>[M] <i>China's Great Firewall</i> (Rebecca MacKinnon, NYT 11/16/11) [M] #USACensored (BD 12/2/11) [V] Screenshots of protest websites (USA 1/18/12)</p>	<ul style="list-style-type: none"> ■ <i>These bills aren't simply unconstitutional, they are anticonstitutional</i> (eric_andersen, TWT 12/21/11) ■ <i>Wanna hear a secret? #SOPA has nothing to do with piracy. #RIAA & #MPAA work with pirates...It's about power to censor</i> (emp, TWT 12/27/11) ■ <i>Yale law prof Jack Balkin: #SOPA 'enables a system of private prior restraint,' violates the First Amendment</i> (WLLegal, TWT 1/7/12) ■ <i>Stop Internet #Censorship! Sign the global petition @Avaaz urging the US Congress to reject the #Blacklist Bill #SOPA</i> http://t.co/03n2bwbD (TheSpiralSoul, TWT 12/27/11) ■ <i>Tell your Senators to vote NO on Internet censorship. This is not China. #SOPA @ClaireMc @RoyBlunt</i> (Teddy2500, TWT 12/27/11) <p>[M] <i>Is #SOPA the beginning of the end?!</i> @KeithOlbermann @Lawrence @maddow <i>When did we become China? Who said it is OK to squash 1st amendment?</i> (acoria, TWT 12/27/11) [M] <i>SOPA is the white guys' version of Great Firewall of China. #sopa</i> (jakeyjunkie, TWT 1/18/12) [M] <i>Right now, Congress is considering two bills that could potentially turn the United States into a censorship zone similar to China</i> (Evan Hans, Editor-in-Chief of Wired Magazine, YTB 1/18/12) [V] Screenshot of Wikipedia protest page (ABC Action News, YTB 1/18/12) [V] ① [V] ② [V] ③ [S] <i>Dear Congress and President Obama: What part of your oath to uphold and defend the Constitution do you not understand? #SOPA #NDAA</i> (wilw, TWT 12/14/11) [U] <i>Internet Fight Song</i> (Ghosty Boy, YTB 1/16/12)</p>
<p>Drastic action is required</p>	<p>[M] <i>In order to slay this dragon, we need more than a fly swatter</i> (Chamber of Commerce counsel Steve Tepp, CSM 1/17/12)</p>	
<p>Illegal conduct is not free speech ... It's stealing</p>	<ul style="list-style-type: none"> ■ <i>Illegal conduct is not free speech. Illegal conduct is what it is. It's stealing.</i> (MPAA Chairman, CNN 1/18/12) 	
<p>Illegal Web sites abroad stealing American IP</p>	<p>[D] <i>...we cannot stand by and watch while American companies and the jobs they support are being bled by foreign criminals who are taking advantage of a massive loophole in our law enforcement capabilities.</i> (Chamber of Commerce's Steve Tepp, CNN 1/6/12)</p> <p>[D] <i>Google ... paid \$500 million to settle a criminal investigation ... for ... directing American consumers to foreign illegal Web sites</i> (Rep. Lamar Smith, FBN 1/18/12)</p>	

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
<p>Imitation is not the same as copyright infringement</p>		<ul style="list-style-type: none"> ■ Charles Caleb Colton wrote "Imitation is the sincerest form of flattery." Will we be censored for imitations? Stop theft, not flattery. #SOPA (heathershore, TWT 1/18/12) ■ The Oxford English Dictionary defines counterfeit as, quote, a fraudulent imitation of something else. But when a file is copied on the Internet, it is exactly the same as the original. Not an imitation, and it is not stolen, since the original was not removed. The information is simply being shared free of charge. So counterfeiting has nothing to do with it. (Anonymous, YTB 1/11/12)
<p>Internet blacklist bill</p>	<ul style="list-style-type: none"> ■ Internet giants went on the attack on Wednesday, claiming legislation aimed at tackling online piracy would create an "internet blacklist bill" that would encourage censorship, kill jobs and give US authorities unrivaled powers over the world's websites. (TG 11/16/11) [E] It's an Internet blacklist bill. It says that if there's an overseas Web site, let's say it's FamilyPhotos.com and you stick your vacation photos up there and a few pages on that Web site are infringing, ... then all of a sudden copyright holders in the U.S. government can get a blacklist order saying that AT&T and Verizon will pretend that Web site doesn't exist. You can't get to FamilyPhotos.com anymore. (CNET Chief Political Consultant Declan McCullagh, CNN 11/17/12) 	<ul style="list-style-type: none"> ■ RT @riquo: Stop Internet #Censorship! Sign the global petition #Blacklist Bill #SOPA @CristobalJod @cerogaleria @circlein2square (wherewolfe, TWT 11/17/11) ■ Please join us in efforts to stop #Internet #blacklists and #censorship! http://t.co/Bu3GnRjo #COICA #SOPA #PIPA #STOPSOPA #BlackoutSOPA (TechBytesXpress, TWT 1/17/2012) ■ SOPA ... would allow the Attorney General to create a blacklist of sites they see as engaging in infringing activity – to be blocked by ISP providers, search engines, payment providers, and advertising networks (TheAlyonaShow, YTB 11/18/11) ■ SOPA and PIPA are Congress' attempt to create the first US "internet blacklist" of sites declared "rogue" by the government. (Smartassawhip, YTB 112911) ■ create a blacklist that would be monitored by the government (MrCrist1an, YTB 114212)
<p>Legislators are incompetent</p>	<ul style="list-style-type: none"> ■ [I]t's a major step backwards in federal Internet policy to have Congress and courts begin designing the architecture of the Internet... you don't create the collateral damage by having members of Congress design technology solutions that won't work (Markham Erickson, PBS 12/15/11) [M] Washington regulating the Internet is akin to a gorilla playing a Stradivarius (WSJ 11/28/11) [M] Jack Valenti (former head of the Motion Picture Association of America) at one point said that the VCR was to the movie industry what the Boston Strangler was to women home alone (Senator Ron Wyden, TOR 12/25/11) [D] I'm not a nerd. (Reps. Zoe Lofgren, Mel Watt, and Darrell Issa, CC 1/18/12) [D] You order your movie and guess what? You can order 10 of them delivered to you and the delivery charge is free, right? Ten movies, streaming across that Internet ... the Internet is not something that you just dump something on. It's not a big truck. It's a series of tubes. (Senator Ted Stevens, MSNBC 1/18/12) [S] These bills do surgery on the Internet and yet they haven't talked to a doctor (Rep. Jason Chaffetz SLT 1/15/12) [S] [SOPA is] like coming up with a plan to prevent teen pregnancy that includes filling penises with cement (Jon Stewart, CC 1/18/12) 	<ul style="list-style-type: none"> [M] #SOPA is a big fat mistake proposed by people who barely know how to check their e-mail. It's like having brain surgery performed by Borat. (Q_Entertainment, TWT 1/18/12) [M] It's like putting toddlers at the controls of a 747... (TotalBiscuit, YTB 1/17/12) [E] important piece of legislation ... IP ... that's of course dealing with informational processing (HarryReid/TheAlyonaShow, YTB 1/16/12) [C] #DontBreakTheInternet (NancyPelosi, TWT 11/17/11) [D] #SOPA: 'People who could not distinguish between a domain name and an IP address trying to regulate the Internet (TWP, TWT 12/16/11) [D] A bunch of confused middle-aged politicians are making rules for the internet. This is like watching dolphins pick out running shoes (MaxScoville, TWT 12/16/11) [D] RT @yerdua: Luddites regulating the internet is as absurd as straight men making decisions about gay marriage. Oh. Dammit. #SOPA (DrewWhitehouse, TWT 11/17/11) [D] #SOPA Nerd is not an insult. "Ignorant legislator" – now those are some fightin' words in the Wild Tech West. (KarenReilly, TWT 12/15/11) [D] @NSlayton @alphex That's really the ultimate problem w/ this legislation, that it's in the hands of Internet-ignorant old men. #SOPA (ZacAJE, TWT 1/15/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<p>[D] <i>It's not a truck. RT @HotlineReid I wish Ted Stevens were here to explain #SOPA and #PIPA to me</i> (BlameTelford, TWT 1/18/12)</p> <p>[D] <i>...not a nerd</i> (Rep Mel Watts/AlexisOhanian, YTB 1/16/12)</p> <p>[D] <i>You want to tell me that these guys that can barely use a keyboard should be debating this and passing legislation of this magnitude? I'm gonna go with 'no.' It's like putting toddlers at the controls of a 747, but not just a 747, every 747, 777, Airforce 320, every aircraft in the world. Do you think that's a good idea? No! But that's what's happening here, and that's dangerous</i> (TotalBiscuit, YTB 12/17/11)</p> <p>[D] <i>IP, that's of course dealing with informational pro... uh... with, with, intellectual property</i> (Senator Harry Reid/Keep The Web #OPEN, YTB 1/17/12)</p> <p>[D] <i>As one who has acknowledged in his opening statement that he was not a nerd and didn't understand a lot of the technological stuff...</i> (Rep. Mel Watt/ apfischer, YTB 12/16/11)</p> <p>[D] <i>The internet is not a big truck, the internet is a series of tubes</i> (Rep. Ted Stevens/ TheDesertrave, YTB 1/18/12)</p> <p>[D] <i>SOPA=Seriously Opening Portals to Afflict; SOPA=Stupidity Only Politicians Acquire</i> (suaveTech, YTB 1/18/12)</p> <p>[S] <i>#SOPA sec.105 - How many wingnuts does it take to expand the definition of internet sites that "endanger public health?"</i> (alaskarobotics, TWT 12/19/11)</p> <p>[S] <i>We're gonna do surgery on the internet and we haven't had a doctor in the room tell us how we're gonna change these organs</i> (Center for Democracy & Technology, YTB 12/20/11)</p> <p>[U] <i>the internet is not ... a truck ... it's a series of tubes</i> (Ted Steven's CSPAN footage remixed by TheDesertrave, YTB 1/18/12)</p> <p>[U] <i>The Day the LOLCats Died</i> (LaughPong, YTB 1/17/12)</p> <p>[U] <i>Internet Fight Song</i> (Ghosty Boy, YTB 1/16/12)</p>
Legislators are over-reacting	<p>[M] <i>[SOPA is the] equivalent of being angry and trying to take action against Ford just because a Mustang was used in a bank robbery</i> (reddit's Ohanian, CSM 1/18/12)</p> <p>[M] <i>[SOPA is like] creating walled gardens patrolled by government censors</i> (TWP 12/11/11)</p> <p>[M] <i>Using a sledgehammer to kill a fly in a house ends up destroying the house while the fly continues to buzz around.</i> (TBT 1/2/12)</p> <p>[M] <i>The way we need to think about this is that Google is like a road. It is not the road's fault if someone is speeding or drag racing or driving down the road. That will be delivering content. You can't fault the road for what somebody does on the road.</i> (FBN 11/17/11)</p> <p>[M] <i>I'm imagining that we're about to obliterate the neighborhood that just had a burglary.</i> (Alexis Ohanian, MSNBC 1/15/12)</p> <p>[V] <i>Photograph of person clad in orange behind bars</i> (MSNBC 1/15/12)</p> <p>[S] <i>So according to the law you get less prison time for killing Michael Jackson than for singing one of his songs</i> (SJM</p>	<p>[M] <i>#sopa what's next congress, shut down the interstates because drug dealers use them to transport illegal drugs?</i> (novologic, TWT 12/19/11)</p> <p>[M] <i>If someone proposed a Bill to burn 100 Million Libraries-wouldn't we all condemn it as insanity? Stop #SOPA Internet Blacklist ~oa #ows</i> (OccupyLA, TWT 12/21/11)</p> <p>[M] <i>RT @LesVDavis: Using #SOPA & #PIPA to prevent piracy is like dropping A-bombs 2 discourage jaywalking! Save #Internet #FreeSpeech!</i> (LoucaLinda_Xo, TWT 1/18/12)</p> <p>[M] <i>Using #SOPA & #PIPA 2 prevent piracy is like laying landmines in stores 2 discourage shoplifting! Save #Internet #FreeSpeech! #StopSOPA #OWS</i> (LesVDavis, TWT 1/18/12)</p> <p>[M] <i>Internet is like a river - flowing, changing. #SOPA would poison the river ecosystem, to get rid of the ugly fish.</i> (robosoyo, TWT 1/18/12)</p> <p>[M] <i>#SOPA is like outlawing tickling in an effort to</i></p>

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
	<p>12/2/11) [S] <i>What if there was an even tradeoff between theft and retribution? Like the artist actually got to get something out of the Internet company that was stealing from them? Like an eye for an iPod?</i> (Stephen Colbert, CC 12/1/11)</p>	<p>decrease the murder rate. http://t.co/h8Rsq3rq (StoodTooClose, TWT 1/18/12) [M] <i>#SOPA is like burning down one Walmart because they sell knock-offs. Piracy will continue even if agencies burn down the internet.</i> (TweetDeckTV, TWT 1/18/12) [M] <i>#SOPA is like banning cars and forcing people to use public transit because a bank robber might use a car as a getaway device.</i> (jmsanders, TWT 1/18/12) [M] <i>#SOPA is like planting dynamite under a highway bridge in order to catch fleeing burglars then handing the trigger to someone who hates cars</i> (silencewedge, TWT 1/18/12) [M] <i>RT @JSlayerUK: #SOPA is like releasing wild tigers in town to deal with urban foxes. Fewer foxes sure, but then we have to deal with MOTHERFUCKING TIGERS!</i> (carawj, TWT 1/18/12) [M] <i>We haven't torn up our interstate highway system to prevent shipments of illegal goods. Why would we do the same to the Internet? #SOPA</i> (cybertheorist, TWT 12/15/11) [M] <i>@AJELive Agree with the intent of #SOPA, but it's like combatting plagiarism by breaking any printing-press that *might* have been involved.</i> (lispcat, TWT 1/18/12) [M] <i>SOPA...would be like shutting down the gun store for a murder from a gun that was bought at that gun store</i> (HoniBee, YTB 1/17/12) [M] <i>...invasion of privacy and 1984-esque tactics</i> (Aaron Yes, YTB 12/13/11) [M] <i>If you want an analogy... think about suing Toyota for the fact that some guy just ran into the side of your car with his Toyota car</i> (TotalBiscuit, YTB12/17/11) [M] <i>This bill is like burning down your house because you have an ant problem</i> (NAVEMAN3, YTB11/22/11) [M] <i>SOPA is like dealing with a lion that has escaped from the zoo by blasting some kittens with a flamethrower and kitten BBQ=bad!!</i> (Sir TapTap, YTB 1/18/12) [M] <i>To explain this as a metaphor, it is akin to there being a crack house in a neighborhood where crimes are being committed. Now, the correct solution is you go in and bust the crack house, arrest it, and condemn it. That's a direct response. But, instead what we are trying to get at here is basically changing the street signs in the whole neighborhood hoping that people have a more difficult time trying to find the crack house. Leaving it there, but also making it more difficult to get to all the nearby houses and the nearby streets, screwing up everybody's GPS systems and creating a lot of lost and frustrated people. Many of whom had no intention and no desire to commit an illegal act nor have they committed an illegal act.</i> (KhalidSMShahin, YTB 12/31/11) [M] <i>...think about the idea of suing Toyota for the fact that some guy just ran into the side of your car driving a Toyota</i> (TotalBiscuit, YTB 1/17/12) [M] <i>Suppose that a car thief steals a car on J Street, and,</i></p>

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		<p><i>uh, he uses J Street to get, to make his getaway. So, in response, the government sends a bunch of bulldozers to crush J Street and remove it completely. Oh, and we find out furthermore, that the car thief has gone through I Street and K Street as well. Well they gotta go!</i> (PhantomAlucard, YTB 12/17/11)</p> <p>[V]  (Sir TapTap, YTB 1/18/12)</p> <p>[S] <i>Under #SOPA, you could get up to 5 years for downloading 1 Michael Jackson song. That's 1 year more than the doctor who killed him.</i> (Abie Philbin Bowman, TWT 1/18/12)</p> <p>[S] <i>Overlays Paramount Executive Director Betsy Megel's message, A \$30 million movie is pirated and put on the Internet and people don't blink an eye, with Egads! Every movie download is worth \$30 million?</i> (Vids654321, YTB 11/19/11)</p> <p>[U] <i>Firewall (Say NO to #SOPA and #Protect-IP): http://t.co/KGyhFTh via @youtube</i> (WhereisMaggieeee, TWT 1/18/12)</p> <p>[U] <i>Internet Fight Song</i> (Ghosty Boy, YTB 1/16/12)</p> <p>[U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12)</p>
<p>Legislators are pandering to entertainment industry</p>	<ul style="list-style-type: none"> ■ <i>It's just frustrating to see legislation that was so clearly written by lobbyists and not technologists potentially become law</i> (reddit co-founder Alexis Ohanian, CNN 1/18/12) ■ <i>This is no time for politicians and industry lobbyists in Washington to be devising new Internet censorship mechanisms</i> (NYT 11/16/11) 	<ul style="list-style-type: none"> ■ <i>Congressmen who support #SOPA and how much money in donations they received to support it:</i> http://t.co/teLEw1cb #SOPAblockout #J18 (YourAnonNews, TWT 12/16/11) ■ <i>If you look at the people who have co-signed on the SOPA bill, people who have co-signed on PIPA, what you see is that they have cumulatively received millions and millions of dollars from the traditional media industry.</i> (Clay Shirky/ FBWalshyFTW, YTB 1/18/12) [D] <i>RT @normative: Just checking: Is there a single person not actively being bribed to say so who thinks #SOPA is a good idea? Haven't met 1 yet</i> (colonized, TWT 11/17/11) [D] <i>So Obama has thrown in his lot with Silicon Valley paymasters who threaten all software creators with piracy, plain thievery</i> (Rupert Murdoch, TWT 1/14/12) [D] <i>In a "Good vs evil" video, edited from the trailer from World of Warcraft for patch 3.3, Fall of The Lich King & The Lich King Death cinematic, Lamar Smith, as Arthas Menethil, was evil with a trebuchet, attacking Freedom, the Internet, the Wise Unknown, and the Internet Hero. As the Internet Hero (King Lich) lay dying, he said: "I see only darkness before me." Lamar Smith entered, picked up the Internet remains, and said: "It must be mine."</i> (EponymousGaming, YTB 12/22/11) [U] <i>Dan Bull-SOPA Cabana #SOPA music video talking about what life will be like if SOPA passes</i> http://t.co/OJU22Vch (MusicOnTheReg, TWT 1/18/12) [U] <i>The Day the LOLCats Died</i> (LaughPong, YTB 1/17/12)  [U] <i>SOPA Cabana</i> (Dan Bull, YTB 12/20/11)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
<p>Obsolete entertainment industry business model</p>		<ul style="list-style-type: none"> ■ @dantevortex No one supports SOPA, except for politicians and their corporate buddies that cling to their outdated business model. #SOPA (theatrix, TWT 12/19/11) ■ "You don't get to destroy the internet just because it doesn't fit your business model" Fight #SOPA (ArenaExperience, TWT 1/9/12) ■ If the Motion Picture Association of America is losing money, they need to change their business model (Time2GameINC, YTB 11/29/11) ■ ...large companies and corporations trying to protect that dinosaur business model (TotalBiscuit, YTB 12/17/11) ■ The instinct of the industry is always to kill innovation that disrupts their business models or threatens the way they're used to doing things (AlJazeera, YTB 12/14/11) <p>[U] Internet Fight Song (Ghosty Boy, YTB 1/16/12)</p>
<p>Piracy is rampant</p>	<ul style="list-style-type: none"> ■ When one-quarter of Internet traffic is infringing, something is already in need of repair (Rep. Lamar Smith, TWP 11/23/11) 	<ul style="list-style-type: none"> ■ Nobody is buying copyrighted works from foreign websites. They're pirating them. This won't stop that. #SOPA (armlessphelan, TWT 12/15/11) <p>[E] Just been to google search for mission impossible. Wow, several sites offering free links. I rest my case. (rupertmurdoch, TWT 1/14/12)</p> <p>[E] This year, there were 9.7 million illegal links to Paramount content. SpongeBob SquarePants has been watched 1.6 billion times since 2008. (Vids654321, YTB 11/19/11)</p>
<p>SOPA supporters created the problem</p>		<ul style="list-style-type: none"> ■ But who do you think really caused all that piracy? Was it all these kids? No – they needed the tools to do it. Who distributed those tools? Guess who! CBS television – the CNET division of CBS have almost the exclusive distribution of things like a LimeWire, Kazaa, Morpheus, BitTorrent, Azureus/Vuze (Mike Mozart/ PuskaGib'en, YTB 12/21/11) ■ Hey! These SOPA supporters, most of them distributed the file sharing software and taught them how to use it! ... Another one of the key supporters of SOPA, Time Warner. The Warner corporation distributed this software through their AOL portal for years and made a bundle doing it. (TrueMusicCentral, YTB 12/23/11) ■ Book publishers are some of the biggest supporters of SOPA because there is a lot piracy of e-books going on online. Of course there is, because CNET and ZDNET distributed all the DRM removal software to strip the DRM out of those books. That's why there is so much piracy. (spoon980, YTB 1/16/12) ■ Why would one of the biggest entertainment companies, CBS/Viacom, that's leading the charge for SOPA distribute this material? To create an aura of copyright infringement so when they go in to see these lawmakers like these Senators and congressmen, they're going to say look at all the piracy, there is so much piracy going on. (Felix, YTB 1/14/12) ■ SOPA supporters created the problem they're claiming to fight. http://t.co/3Weh78F8 #SOPA (sinistergrasp, TWT 12/22/11)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<p>[D] Reading murdoch's comments about SOPA... a bit pot calling kettle black isn't it? (Aqueel, TWT 1/17/12)</p> <p>[S] The same people that ... have put up like a hundred million dollars in lobbying costs to get this law passed so they can control the internet are the same people that distributed the files sharing software (Ohirim, YTB 12/22/11)</p>
<p>SOPA opposition disseminating misinformation</p>	<p>[D] [The MPAA said] business interests are resorting to stunts to punish their users or turn them into corporate pawns (MTN 1/18/12)</p> <p>[D] Wikipedia, the irony there is that, here is a Web site that says it wants to provide information and in this case is actually spreading misinformation about this bill. (Rep. Lamar Smith, FBN 1/18/12)</p>	<p>■ It is ironic that a website dedicated to providing information is spreading misinformation about" #SOPA. -- @LamarSmithTX21 (GreenDoopey, TWT 1/17/12)</p>
<p>SOPA supporters disseminating misinformation</p>		<p>■ #SOPA Update: Still Terrible, And Misinformation Makes It Worse" (campusprogress, TWT 1/6/12)</p> <p>■ #SOPA supporters are vastly inflating the alleged costs of music and movie piracy to the US economy: http://t.co/3FgDvHoo (evacide, TWT 1/12/12)</p> <p>■ Anyone who has any knowledge about foreign clients and how online piracy works ... knows just from a basic description of this advertisement that it is egregiously false and should not be believed by anyone with half a brain cell (RickLowell, YTB 12/2/11)</p> <p>[D] Rupert Murdoch continues to prove that reality and tact are foreign concepts to him. (DoctorHu, TWT 1/17/12)</p>
<p>Technology enables both good and bad</p>	<p>■ Technology makes many things possible, good and bad. (WSJ 11/28/11)</p>	<p>■ I love how the Internets can both do a great job making us aware of scary shit like #SOPA & #NDAA, yet twists people's words in other cases. (wolverinethad, TWT 12/20/11)</p>
<p>USA is being a bully</p>	<p>■ Introduced by US Senate, PIPA, if passed, will give U.S. corporations and the US government the right to seek affirmative legal action against any website that they see as enabling copyright infringement whether of U.S. origin or not. American government and corporations thus will be able to force U.S. internet providers to block access to websites ...to have them blacklisted and removed from the internet. SOPA and PIPA will empower companies and regulatory bodies to sue any new websites that get started, if they believe that the new websites are not doing a good job--in their opinion. (TFE 1/18/12)</p>	<p>■ The United States could force Internet providers to block any website suspected of violating copyright or intellectual property laws, but could also do the same to those pages who do not sufficiently oversee the activities of its users, and as most Internet hosting services are located in the United States, this blacklist could drastically restrict access for all of us (dankawamori xrl/translation from Spanish, YTB 11/30/11)</p> <p>■ SOPA is the new act that the American Government is trying to bring in to censor the internet. Will it happen? No. Why? Because the internet is the only thing we have that is not taken over by the government. (RogerTheMonkey, YTB 12/19/11)</p> <p>■ The Stop Online Piracy Act and Protect IP Act, respectively known as SOPA and PIPA, will give the American government the power to strangle any website that it feels is enabling copyright infringement. (Cheezburger Network CEO Ben Huh/AllisonBoyer, YTB 1/17/12)</p> <p>■ Is that the US's job to police the Internet for the entire world? (androvett, YTB 1/18/12)</p> <p>■ Much of the network is occupied by American websites. So, even though SOPA would only govern in the U.S., it would also impact our country and the world. (JuanCarlosLuján, YTB 1/18/12)</p>

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
Prognostic Frames		
<p>Bad for business/ innovation/ economy/ learning</p>	<ul style="list-style-type: none"> ■ <i>Not just actors and directors are affected; piracy also has a ripple effect on thousands of businesses that are associated with the movie business</i> (MPAA, TWP 11/17/11) ■ <i>The Internet accounts for more than 3% of GDP in the largest countries, more than agriculture or energy; represents more than 20% of economic growth over the past five years; and is a net producer of new jobs, creating more than twice as many jobs as it displaces.</i> (McKinsey, WSJ 11/28/11) ■ <i>The Motion Picture Association of America cites figures saying that piracy costs the United States \$58 billion annually</i> (NYT 1/2/12) ■ <i>The harm is it ruins the business models for companies. We don't want companies in a free society to act as secret police</i> (Ed Black, chief executive of the Computer and Communications Industry Association, NYT 1/13/12) ■ <i>Our nation's leading technology employers warn that this bill presents a clear and present danger to innovation and job growth</i> (Ron Wyden, USA 12/28/11) ■ <i>...these are anti-entrepreneurship bills. They are a classic example of industry incumbents trying to use the law to stifle disruptive innovation, or at least innovation that they view as disruptive to their established business</i> (Blogger Brad Feld, DC 1/15/12) ■ <i>These bills, if passed, may curb the freedom of people to learn for free from free websites and to publish their own websites at will.</i> (TFE 1/18/12) [D] <i>The problem of rogue Web sites is real, immediate and widespread. It harms all sectors of the economy</i> (Lamar Smith, TWP 11/17/11) [E] <i>If they [SOPA/PIPA] had existed, Steve Huffman and I could have never started reddit</i> (reddit co-founder Alexis Ohanian, CNN 1/18/12) [E] <i>So, today, I was on YouTube and typed in the phrase "Barbie Girl" as is I'm a Barbie Girl {reference to Aqua song, which could be pirated}</i> (Erin Burnett, CNN 1/17/12) [C] <i>Stealing the American Dream</i> (Coalition against Counterfeiting and Piracy's website –fightonlinetheft.com, WSJ 1/18/12) [V] <i>Photograph of workers whose jobs could be affected with caption, Critics say a bill in Congress targeting Web piracy could be interpreted to shut down sites like YouTube</i> (CNN 11/18/11) 	<ul style="list-style-type: none"> ■ <i>#SOPA is absolutely ridiculous, we cant stifle innovation in hopes to save one industry. Cutting out the middleman only sucks for one party.</i> (brettmaurer, TWT 12/23/11) ■ <i>@LamarSmithTX21 #SOPA will kill the internet. It's bad for business! Please vote against it!</i> (technum, TWT 11/25/11) ■ <i>#SOPA may help improve pirating monitoring but it will also limit open source development which is the software that paves the futures path</i> (westybsa, TWT 1/13/12) ■ <i>SOPA and PIPA would be job killers because they would create a new era of uncertainty for American businesses</i> (RipperX, YTB 1/18/12) ■ <i>S.O.P.A.... will cost tax payers \$47 million</i> (Anonymous, YTB 12/1/11) ■ <i>The digital marketplace of ideas that welcomes every blog and tweet is the same one that inspires the next generation of innovators to fuel our economies and when business considers investing in our country, a poor record on internet freedom and they know their website could be shut down suddenly, their transactions monitored, their staff harassed, they'll look for opportunities elsewhere. Don't let American Innovation go elsewhere. It would be a drain on the American economy</i> (VP Joe Biden/KongCinema, YTB 1/18/12) ■ <i>There are a lot more jobs produced by Silicon Valley, in the IT Industry than Hollywood</i> (RussiaToday, YTB 1/17/12) ■ <i>There's a study that was provided that says 75% of investors –75% of investors –would spend less and invest less in the United States if a bill like this was passed. How is this good for the American economy?</i> (Cheezburger CEO, Ben Huh/PBS, YTB 1/18/12) ■ <i>We are facing a serious threat to the US economy</i> (NBC Universal legal counsel, Rick Cotton, YTB 1/3/12) ■ <i>What is at stake here is the jobs of millions of Americans employed in two dozen high-growth, high-innovation sectors of the U.S. economy</i> (NBC Universal legal counsel, Rick Cotton/PBS, YTB 1/18/12) [M] <i>SOPA is the digital equivalent to leaving the stores doors unlocked and letting people loot product</i> (Vids654321, YTB 11/19/11) [E] <i>...we think it'll curb first amendment rights on the Internet used for US as well as for foreign sites as well as prohibit the growth of American jobs</i> (Cheezburger CEO Ben Huh/PBS NewsHour, YTB 1/17/12) [E] <i>Does that mean they can't hire x amount of people they would have been able to hire? It negatively affects the company and it negatively affects me.</i> (Spike TV Contract Manager Matt Dino/Vids654321, YTB 11/19/11) [U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12) [U] <i>Internet Fight Song</i> (Ghostly Boy, YTB 1/16/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
<p>Bad for art/fun/gaming/pornography</p>	<p>[E] <i>I want artists to thrive. The Internet allows artists to find their audiences. When Justin Bieber started just singing his favorite songs on YouTube, he got discovered thanks to the Internet and the odd thing is, under this law – SOPA – the behavior of Justin Bieber singing his favorite songs, without authorization, over the Internet could make him a felon – in jail for three years.</i> (Harvard Professor of Internet Law Jonathan Zittrain, CC 12/1/11)</p> <p>[E] <i>Ever upload a YouTube video with a song playing in the background or a video of your kid's birthday party where you sing "Happy Birthday"? That there ... is a copyright violation.</i> (Chris Hayes, MSNBC 1/15/12)</p> <p>[U] <i>Happy Birthday</i> (Chris Hayes, MSNBC 1/15/12)</p>	<ul style="list-style-type: none"> ■ <i>Is anyone else downloading massive quantities of porn just in case #SOPA passes?</i> (Franky_1189, TWT 11/17/11) ■ <i>SOPA... will completely destroy the gaming community</i> (MCSPORTZHAWK, YTB 12/22/11) [M] <i>Internet censorship is like when you really want to download some funny porn, but you can't because your parents are here and all you can think of is I really wish my parents would go home so I can sit around in my underwear and watch some funny porn. That is what SOPA would be like, except it would be like a never-ending visit from your parents for the rest of your life.</i> (Jenny Lawson, YTB 1/10/12) [E] <i>What angers me about #SOPA and #Hollywood that is backing this bill, this act would kill artist careers and dreams #amwriting</i> (jessenovels, TWT 11/18/11) [E] <i>Steven Colbert on a new bill that would censor the web and put @JustinBieber in jail: #SOPA #USACensored #freebieber http://t.co/gxOGEkg4</i> (Wildey2, TWT 12/7/11) [D] <i>The Internet is the only way poor people can have fun and SOPA would take it away</i> (Richard Henrikes, YTB 12/28/11) [V] <i>This is porn if you don't oppose #SOPA bit.ly/xDjVso</i> (BeerBrewin, TWT 1/16/12) [V] <i>I made an animated GIF about #SOPA http://t.co/jlj5k9Up</i> (Oatmeal, TWT 1/18/12) [U] <i>OMG: The Internet's Down</i> (arthtorick, YTB 1/18/12)
<p>Bad for international relations</p>		<ul style="list-style-type: none"> ■ <i>SOPA's ugly message to the world about America and internet Innovation - http://t.co/BlkwUhVE #SOPA #FuckSOPA #Censorship #FuckCensorship (_D3m0cR4CY, TWT 11/18/11)</i> ■ <i>@PiratePartyUK The US #SOPA action will only serve to isolate US as rest of world will find ways 2 protect itself from US intent to dominate</i> (jrodwyer, TWT 11/17/2011) ■ <i>@WFMU You Can't Condemn The Slave For The Slaver Behavior. I'm In The UK. I Can't Boycott All Things American. #SOPA</i> (dsfadsfgafg, TWT 1/14/12) ■ <i>SOPA ... erodes other nations trust in us because this is the first time we have openly threatened to utilize one of the levers we never should've had been allowed to keep which is control of all the domain servers on the Internet and what this is going to mean is that we're going to lose control of that</i> (KimberlyBrink-Castleberry, YTB 1/16/12) ■ <i>When the one nation that is known for its freedom and rights start to abuse its own people, this is when you must fight back, because others are soon to follow.</i> (Anonymous, YTB 11/19/11) [U] <i>Internet Fight Song</i> (Ghosty Boy, YTB 1/16/12)
<p>Break the Internet</p>	<p>[M] <i>Butchering the Internet ... is not a way forward for America</i> (Issa, NYT 12/15/11)</p> <p>[M] <i>A congressional vote on an anti-piracy bill that Internet heavyweights like Google say would be an online Armageddon has been delayed until 2012</i> (CNN 12/22/11)</p>	<ul style="list-style-type: none"> ■ <i>#SOPA has the potential to completely break the internet as forum for free exchange of ideas and content.</i> (DrewnoD, TWT 11/26/2011) ■ <i>Stop Online Piracy Act #SOPA, the US bill that could "break the Internet" - http://t.co/ZMr3uKBy</i> (rohanjay, TWT 11/27/11) ■ <i>... will meddle with the inner workings of the Internet.</i> (WoodysGamertag, YTB 1/18/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<ul style="list-style-type: none"> ■ <i>If certain bills that are being debated in the United States right now become laws, we could see some of our favorite sites disappear, forever.</i> (AllisonBoyer, YTB 1/17/12) ■ <i>SOPA and PIPA WILL KILL THE INTERNET</i> (Whiteboy7thst2, YTB 1/18/12) ■ <i>...this seems like a national issue, but it is not. These industries will not be content with breaking our Internet. If they break it, they will break it for everybody.</i> (Clay Shirky/FBWalshyFTW, YTB 1/18/12) <p>[V] @MotherFucker!, YTB 1/5/12)</p>
Diminish Internet freedom	<ul style="list-style-type: none"> ■ <i>Internet freedom is better protected through contract ... than by overbroad legislation</i> (WSJ 11/28/11) ■ <i>But the fact remains that over the past ten years, as everything else in American life seems to push toward more concentrated power in fewer hands, the Internet has been the one development mitigating against that</i> (Chris Hayes, MSNBC 1/18/12) 	<ul style="list-style-type: none"> ■ <i>SOPA ...will make you want to move outside of the states because the US would not have free internets</i> (AdrianIsen, YTB 12/22/11) ■ <i>@a_digger Congress sets democrcy back every tim they sell a hunk of our freedom. I thought they were supposed to protect us from tyranny #SOPA</i> (LifeLiberty3, TWT 12/27/11) <p>[C] <i>End piracy, not liberty</i> (Lisapbs, TWT 1/18/12)</p> <p>[S] <i>We want to thank all the co-sponsors of #SOPA. We were beginning to think we were the only ones who hated freedom. #TSA</i> (TSAgov, TWT 1/18/12)</p> <p>[S] <i>If you support #SOPA, go to North Korea. They love not having any liberty... #sarcasm</i> (JoshuaSAkins, TWT 1/18/12)</p> <p>[U] <i>SOPA Cabana</i> (Dan Bull, YTB 12/20/11)</p> <p>[U] <i>Taps playing during slides noting that SOPA would criminalize fair use</i> (Mysterio2276, YTB 12/30/11)</p>
Enact/enable repressive regimes/silence free speech	<ul style="list-style-type: none"> ■ <i>The United States Government must be prepared for other governments to follow suit, in service to whatever social policies they believe are important whether restricting hate speech, insults to public officials, or political dissent</i> (HM 11/23/11) <p>[E] <i>In China 'copyright' is one of many excuses to crack down on political movements. If a new law like SOPA is introduced in the U.S., the Chinese government and official media will use it to support their version of 'anti-piracy'.</i> (Chinese blogger Isaac Mao, CNN 12/14/11)</p> <ul style="list-style-type: none"> ■ <i>Wikipedia founder, Jimmy Wales, criticized the two bills on Tuesday, saying they "endanger free speech both in the United States and abroad, and set a frightening precedent of Internet censorship for the world"</i> (DW 1/17/12) <p>[M] <i>Congress...is considering misguided legislation that would strengthen China's Great Firewall and even bring major features of it to America</i> (Rebecca MacKinnon, NYT 11/16/11)</p>	<ul style="list-style-type: none"> ■ <i>#SOPA is a repressive, conservative move, to stop freedom of speech, jobs, commerce, small business-then blame Obama for the down turn.</i> (Politicolnews, TWT 12/24/11) <p>[M] <i>Resist. Dissent. #NDAA, #SOPA, and #EEA create a totalitarian regime similar to 1930s Nazi Germany. Not exaggerating</i> (d_seaman, TWT 1/11/12)</p> <p>[M] <i>its time.. Nazi America is here- The Totalitarian regimes in place- http://t.co/iCMkJcMr PLEASE PLEASE RT #NDAA #SOPA #factswithoutwikipedia</i> (AmericanHawkTPJ, TWT 1/18/12)</p> <p>[M] <i>Don't put up a firewall. What is this China?</i> (Leah Kauffman, YTB 1/16/12)</p> <p>[D] <i>Even if you trust the US government not to abuse their power, what about countries that follow in our path and pass similar laws? Unscrupulous governments will have powerful tools to hinder free expression.</i> (WoodysGamertag 1/18/12)</p> <p>[V] <i>Cartoon images of bombs, bad guys, scared faces</i> (THAT KID THAT MAKES THE VIDEOS, YTB 12/18/11)</p> <p>[S] <i>China has a censorship bill right? Look how skinny they all are. Instead of tweeting they're out exercising. Yay #SOPA!</i> (jessicuhlove, TWT 1/18/12)</p> <p>[S] <i>#SOPA protects INDIVIDUALS in much the SAME WAY that the DALEKS protect the UNIVERSE. OBEY or you will be EXTERMINATED!</i> (DalekThay, TWT 1/18/12)</p> <p>[U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12)</p> <p>[U] <i>SOPA Cabana</i> (Dan Bull, YTB 12/20/11)</p> <p>[U] <i>Internet Fight Song</i> (Ghosty Boy, YTB 1/16/12)</p>






Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
Good for entertainment industry/jobs	<ul style="list-style-type: none"> ■ "Fundamentally, this is about jobs," said Michael O'Leary, who represented the Motion Picture Association of America at the hearing. He argued that not just actors and directors are affected; piracy also has a ripple effect on thousands of businesses that are associated with the movie business. (TWP 11/17/11) ■ [Recouping revenue from foreign pirates] could be funding American jobs. (IT & Innovation Foundation Senior Analyst Daniel Castro, PBS 1/17/12) 	<ul style="list-style-type: none"> ■ Misinformation can't replace honest debate and derail critically important fight to protect American jobs #sopa #pipa http://t.co/Rqx3Z5ke (MPAA, TWT 1/14/12)
Improve quality of media content online	<ul style="list-style-type: none"> ■ [The Chamber of Commerce] argued that the proposals moving through the House and Senate would improve the quality of media content online and thus benefit Web firms. (TWP 11/16/11) 	
Increase litigation/government overhead for enforcement	<ul style="list-style-type: none"> ■ Given that the enforcement of the act would fall to the judicial system, PIPA would open the floodgates of litigation just as wide as would SOPA (TWP 1/3/12) [E] Trevor Eckhart, a security researcher who wrote a critical blog post last month about a little-known software program called Carrier IQ... Rather than address Eckhart's claims, Carrier IQ responded with legal threats, accusing him of copyright violation because his analysis included copies of its manuals, even though the manuals were publicly available on the company's own website. (CNN 12/14/11) 	<ul style="list-style-type: none"> ■ Problem with #SOPA style law: promotes law suits instead of constructive thinking. Lawyers have enough to do already http://t.co/7DyGR6JW (frans_vd_putte, TWT 1/10/12) [U] One of the signature songs from [Avenue Q] is The Internet is for Porn. I'd like to submit the lyrics ... for the record... A high percentage of piracy is porn. And when we are talking about this bill in its current form, it is truly a pornographer's wet dream. This bill, in its current form would unleash the Attorney General's office to defend pornographers (Jared Polis/ConsiSteven's channel, YTB 12/15/11)
Legislators would be guilty of piracy	<ul style="list-style-type: none"> [E] The whole justification for this very controversial bill sponsored by Senator Blunt is to crack down on the theft of other people's content online. Theft like the kind Senator Blunt engaged in himself, very publicly on his own Twitter page. (Rachel Maddow, MSNBC 1/18/12) 	<ul style="list-style-type: none"> [D] RT @AnonNep: 'The Author Of #SOPA Is A Copyright Violator' from http://t.co/lK59DWH4 - http://t.co/PO9Yt50Z #LamarSmith (VICE, TWT 1/12/12) [U] Stop the SOPA Song (Stonebreakers10, YTB 11/25/2011)📍
Loss of popular online resources	<ul style="list-style-type: none"> ■ Silicon Valley companies a... fear the proposals would ... empower law enforcement to shut down their operations if a copyrighted movie or song appeared on their sites without their authorization. (TWP 11/16/11) ■ Congress is looking to give itself dramatically expanded powers to shut down and basically black list websites that they think might not be taking sufficient action to prevent piracy (FNN 11/28/11) [M] These bills are the equivalent of using napalm to weed your garden. While you need to control your weeds, you shouldn't have to burn down your neighborhood to do it. (Bailey Dabney, CDP 1/18/12) [E] Under SOPA, they say, a fledgling YouTube could have been shut down because of [content posted without the intent of its creators] (CNN 11/18/11) [S] With Wikipedia down, let's revert to the true interactive encyclopedia: Encarta! For all your knowledge needs (as long as they're pre-1998) (RN 1/18/12) [U] "The day the LOLcats died" is a mournful ditty about what could happen if SOPA and PIPA ... are enacted in the United States (TIE 1/18/12)📍 	<ul style="list-style-type: none"> ■ Need another reason to protest #SOPA? It could kill the Open Education Resource movement (GOOD, TWT 12/16/11) ■ Imagine Facebook, YouTube, Twitter, Pinterest, Flickr, Pandora, your favorite blogs and podcasts, all going black one day... (AllisonBoyer, TWT 1/17/12) ■ If this bill passes, this would mean the very end of the Internet as we know it (YesMan, TWT 1/18/12) ■ One of the first things to get deleted would be Facebook and Twitter and that type of thing (SuprimAbsol, TWT 1/18/12) ■ SOPA and PIPA, if passed, could mean the end of LPs (videos of people gaming) (SuperMCGamer, YTB 1/18/12) [M] That would be like shutting down the gun store for a murder from a gun that was bought at that gun store (HoniBee, YTB 1/17/12) [E] US courts already enforcing #SOPA -style shutdowns http://t.co/F8Qdcmjf (RussiaToday, TWT 12/19/11) [E] Reddit manager warns site will shut down if #SOPA passes (YourAnonNews, TWT 12/20/11) [E] That awkward moment when everyone realizes that if #SOPA & #PIPA pass, there will be no more Harry Potter Twitter accounts (SoVeryAwkward, TWT 1/18/12) [C] Stop Internet #Censorship-Sign the @Avaaz petition

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<p><i>urging Congress to reject #SOPA #PIPA bills #FactswithoutWikipedia</i> http://t.co/GfDYdc2s (AndrewLynn3, TWT 1/18/2012)</p> <p>[D] <i>If #SOPA passes, there'll be NO YouTube, Twitter, Google, Wikipedia, Facebook & Tumblr, #SOPASTrike today and End Piracy, Not Liberty!</i> (DavidShares, TWT 1/18/12)</p> <p>[V] Darkened room (AntVenom, YTB 1/17/12)</p> <p>[V] Wearing black (GenInsanityShow's channel, YTB 1/17/12)</p> <p>[S] <i>RT @mathewi: I think in addition to going dark to protest SOPA, Wikipedia should have mailed all its users old Encarta CDs</i> (JaredBKeller, TWT 1/17/12)</p> <p>[U] <i>"The Day the LOLcats Died" - a #PIPA and #SOPA protest song: https://eff.org/r.1P4</i> (EFF, TWT 1/17/12)</p> <p>[U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12)</p> <p>[U] <i>Stop the SOPA Song</i> (Stonebreakers10, YTB 11/25/2011)ⓐ</p> <p>[U] <i>The Day the LOLCats Died</i> (LaughPong, YTB 1/17/12)ⓑ</p>
<p>Make third-party intermediaries enforcers of copyright</p>	<ul style="list-style-type: none"> ■ <i>Compliance with the Stop Online Piracy Act would require huge overhead spending by Internet companies for staff and technologies dedicated to monitoring users and censoring any infringing material from being posted or transmitted</i> (Rebecca MacKinnon, NYT 11/16/11) <p>[M] <i>...you can't find the pirate so you go after the guy that paved road?</i> (FBN 11/17/11)</p> <p>[E] <i>Boing Boing: making one link would require checking millions ... of pages, just to be sure that we weren't ... impinging on the ability of five Hollywood studios ... to maximize their profits</i> (CNN 1/16/12)</p>	<ul style="list-style-type: none"> ■ <i>Internet intermediaries as content police: Are we seeing the beginnings of large-scale privatised enforcement?</i> http://t.co/tpQJECE2 #SOPA (APC_News, TWT 12/9/11) ■ <i>[SOPA] requires these intermediaries to cut off the infringing site</i> (TheAlyonaShow YTB 11/23/11)
<p>Prevent increasing cost of products for Americans</p>	<ul style="list-style-type: none"> ■ <i>[Recouping revenue from foreign pirates] could be lowering the average cost of these products for Americans.</i> (IT & Innovation Foundation Senior Analyst Daniel Castro, PBS 1/17/12) 	
<p>Protect public health</p>	<ul style="list-style-type: none"> ■ <i>The illegal theft of American intellectual property and the counterfeiting of goods like medicine, automotive parts and even baby food pose a serious threat to the health of American consumers.</i> (Lamar Smith, NYT 1/10/12) 	
<p>Threaten cyber-security</p>	<ul style="list-style-type: none"> ■ <i>The White House sided with irate Internet companies and users over the weekend, saying the proposal could hurt innocent companies and undermine cybersecurity</i> (WSJ 1/17/12) ■ <i>The Obama administration ... criticized mandated DNS-filtering on cybersecurity grounds</i> (CNN 1/18/12) 	<ul style="list-style-type: none"> ■ <i>Article quotes Stewart Baker, former Dept of Homeland Security policy dir, said #SOPA "would still do great damage to internet security"</i> (JustanITGeek, TWT 1/10/12) [U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12)
<p>Threaten supporting companies' privacy (Anonymous)</p>	<ul style="list-style-type: none"> ■ <i>Anonymous ... dropped a trove of documents [that] included information about media executives and government figures [supporting SOPA]. Anonymous ... has called its effort "Operation Hiroshima"</i> (NYT 1/14/12) 	<ul style="list-style-type: none"> ■ <i>Global hacktivist group Anonymous is targeting media executives to protest #SOPA. It's called "Operation Hiroshima."</i> http://t.co/56v6UTGw (amychozick, TWT 1/13/12) ■ <i>AonOps, your purpose is to amass information on corrupt ?, politicians, and governments purpose is to reveal the lies and sins of the corrupt for all to see... free speech is non-negotiable</i> (LilKing420s, YTB 1/3/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
Motivational Frames		
Boycott supporters	<p>[E] <i>The effort had the support of some influential members of the Internet community. Cheezburger CEO Ben Huh, who threatened to pull 1,000 websites to another provider, told GoDaddy in a tweet, "We love you guys, but #SOPA-is-cancer to the Free Web."</i> (SPP 12/22/11)</p>	<ul style="list-style-type: none"> ■ <i>STOP #SOPA - Show OLD MEDIA who's boss: BOYCOTT HOLLYWOOD, BOYCOTT MUSIC. Hit those old media bastards where it hurts: RIGHT IN THE WALLET</i> (KyanWan, TWT 11/18/11) ■ <i>RT @YourAnonNews: Did you know http://t.co/hLnNi7y3 supports #SOPA?? -- http://t.co/1s4zLIHn BOYCOTT THEM & TRANSFER YOUR DOMAINS NOW!</i> (wapi40, TWT 12/22/11) ■ <i>RT @robert_e_lee: #SOPA supporters listed on http://t.co/Re23qHxA: http://t.co/NOThBmqJ &lt; If you see your company's name listed, time to speak up internally</i> (Anonymous_SA, TWT 12/22/11) ■ <i>Boycotting #ESA publisher's supporting #SOPA almost come down to buy nothing but #Indie Games. I could live with that.</i> (BaronVonChateau, TWT 1/5/12) ■ <i>RT @AnonyOps: An easy way to financially strike back at #SOPA supporters. An Android app that will tell you before you buy something http://t.co/WmLuYcf7</i> (AnonymousEurope, TWT 1/8/12) ■ <i>Android barcode scanner app tells you if product is made by #SOPA-supporting company http://t.co/EdjPyVct #boycott</i> (MikalJakubal, TWT 1/17/12) ■ <i>The ESA is supporting SOPA. E3 - gaming's biggest event is actually run by the ESA. And, in fact, it is their biggest source of revenue. So to attend the E3 is to financially support the ESA, which supports SOPA. If they won't withdraw support from SOPA, let's withdraw support from them!</i> (TheJelpe, YTB 1/18/12) [E] <i>We will move our 1,000 domains off @godaddy unless you drop support of SOPA. We love you guys, but #SOPA-is-cancer to the Free Web.</i> (benhuh, TWT 12/22/11) [C] <i>RT @ReverseRobocall: want to really get your voice heard on #SOPA? Robocall all 88 supporters here ! http://t.co/OxtlxAPj #BoycottGoDaddy</i> (PSAnonymous13, TWT 12/23/11) [C] <i>3 strikes you're out, GoDaddy: Sexist ads, CEO murders elephants, & supports freedom crushing #SOPA bill. #boycottGoDaddy</i> (Rev_Sarahpdx, TWT 12/25/11)
Call legislators	<ul style="list-style-type: none"> ■ <i>What will make a difference is for ordinary people to pick up the phone and send an e-mail or a letter to their representatives about this</i> (Wikipedia co-founder Jimmy Wales, NYT 1/17/12) 	<ul style="list-style-type: none"> ■ <i>Amazing: @Tumblr is generating 3.6 calls per second to Congress opposing #SOPA! Let's keep helping them out: http://t.co/qV8zZWu1</i> (EFF, TWT 11/17/11) ■ <i>#Retweet to Tell @SenatorReid @NancyPelosi @SpeakerBoehner @BarackObama That You Oppose The #SOPA Act. #InternetFreedom #OWS #p2 #tcot</i> (TheNewDeal, TWT 11/17/11) ■ <i>RT @mollywood: Just your daily reminder to call your reps and ask them to stop Protect IP and #SOPA. This helps you find them: http://t.co/V3PhFH7T</i> (MiguelRosadoJr, TWT 11/17/11) ■ <i>RT @publicknowledge: House markup on #SOPA is tomorrow! Sign up to call your Rep now: http://t.co/RSsa93gG (there's a lot at stake: http://t.co/6Vx6BDAP)</i> (carlfranzen, TWT 12/14/11) ■ <i>18 States CAN recall their Senators and</i>


Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<p>Congressmen. Get the facts! http://t.co/mnuRFNpZ #OWS #SOPA #NDAA (ethiopianmused, TWT 12/26/11)</p> <ul style="list-style-type: none"> ■ The most effective action you can take is to call your representatives and tell them to oppose SOPA and PIPA, and any similar legislation. (rarezatv, YTB 1/18/12) ■ If you're an American citizen, call your representative, call your senator... Remind them that you vote. And you can ask not to be treated like a thief. And you could suggest that you prefer that the Internet not be broken. And if you're not an American citizen, you can contact American citizens that you know and encourage them to do the same. (Clay Shirky/ FBWalshyFTW, YTB 1/18/12) <p>[C] I Kindly Ask All My Followers to Help Me Fight the Internet Killing #SOPA Act. Please Call, Write, & Tweet Congress. Please! #OWS #StopSOPA (TheNewDeal, TWT 11/28/11)</p> <p>[C] Just petitioned the State Department to stop the internet censorship bill. You should too! http://t.co/2ookwB1j #usacensored #SOPA (Lir1c, TWT 1/18/12)</p> <p>[U] The Day the LOLCats Died (LaughPong, YTB 1/17/12)👤</p>
Demand freedom	<ul style="list-style-type: none"> ■ Freedom is never voluntarily given by the oppressor; it must be demanded by the oppressed (NP 1/18/12) ■ Our freedom online is in peril and we must protect it with all our might (CAM 1/17/12) 	<ul style="list-style-type: none"> ■ #NDAA and #SOPA hours from being passed by Obama;Freedom needs u Call @whitehouse comment line at 202-456-1111 #ows #cot #p2 #ola #oo #osf (dr1ce, TWT 12/15/11) ■ FIGHT FOR FREEDOM! (jenonymouswerlegion, YTB 1/18/12)Fight! Fight! Fight! Keep the Web open and free! (Funk Vigilante, YTB 1/16/12) ■ If you think your #freedom isn't at risk then let the bill pass. You will miss it when it's gone. #SOPA #USA #censorship (AnonCentral, TWT 12/22/11) ■ We call upon all freedom loving Internauts to join us. We further call upon our legislators, bureaucrats and the media & telecommunications industries to immediately begin implementing our demands. The future of free speech is bright, and clear - either stand with us or get out of the way (Anonymous YTB 11/19/11)VIDEO about #SOPA - Join Us & Fight for #Internet #Freedom; http://t.co/9yJKce7M (anonops, TWT 1/13/12) <p>[C] End piracy, not liberty (DavidShares, TWT 1/18/12)</p> <p>[M] The #SOPA bill is like Edelstein. The supporters are the Black Wings, the Internet is Edelstein, and the protesters are the Resistance. (MishieruChan, TWT 1/18/12)</p> <p>[U] Stop the SOPA Song (Stonebreakers10, YTB 11/25/2011)👤</p>
Don't break the Internet	<p>[C] First came the catchy slogan: "Don't Break the Internet." (TWP 11/23/11)</p> <p>[C] Pelosi even tweeted, "need to find a better solution than SOPA. Don't break the Internet." (CNN 1/12/12)</p> <p>[V] Photograph of protester carrying Don't Meddle When you Don't Understand sign (CSM 1/18/12)</p> <p>[V] Photograph of protester carrying Don't Break the Internet sign (CNN 1/18/12)</p>	<p>[C] #DontBreakTheInternet - Think #SOPA is innocuous? Nope, It's insidious! You need to Watch this video! http://t.co/yIEE4pE5 #stopSOPA (RobertRaves, TWT 12/22/11)</p> <p>[U] INTERNET FIGHT SONG! (Anti-#SOPA #PIPA song by Funk Vigilante): http://t.co/mKi1OjCq via @youtube (nikkihype_, TWT 1/18/12)</p> <p>[U] Internet Fight Song (Ghosty Boy, YTB 1/16/12)</p>


Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
Don't let the Internet vanish		<p>[M] @Nash076 #SOPA is like that one vampire from blade, after a while the damn thing is gonna die, we just have to kill it enough times (King_Vile, TWT 1/18/12)</p> <p>[M] #SOPA is like Ganon or "The Great Evil" in Legend of Zelda; It can never be destroyed, only driven back; sealed away...for a time. (erinscorley, TWT 1/18/12)</p> <p>[U] The Day the LOLCats Died (LaughPong, YTB 1/17/12)👤</p> <p>[U] SOPA Cabana (Dan Bull, YTB 12/20/11)</p>
Don't let the law die out	<p>[M] If you hear about a burglary in your neighborhood, your reaction is not – let's shut down the burglary unit of the police department. You want the burglary unit to get a little bit better. (NBC Universal legal counsel, Rick Cotton, MSNBC 1/15/12)</p>	
Examine SOPA supporters' motives	<p>[D] We need to examine the real motives of the "big Internet guys," like Google, that ... made huge profits by directing consumers to illegal foreign Web sites, so its opposition is self-serving" (Lamar Smith, NYT 1/10/12)</p>	
Maintain parity between online and offline theft policing	<ul style="list-style-type: none"> ■ plagiarism on the Internet must be treated the same as plagiarism by a television program (TW 12/15/11) ■ These illicit enterprises are not tolerated in the brick and mortar marketplace, so why would we allow them to flourish unchecked online? (Steve Tepp, CNN 1/6/12) 	<ul style="list-style-type: none"> ■ #SOPA is like combatting plagiarism by breaking any printing-press that *might* have been involved. #SOPASTRIKE (gilluminate, TWT 1/18/12)
Protect Americans	<ul style="list-style-type: none"> ■ We need to protect American consumers and businesses. The illegal theft of American intellectual property and the counterfeiting of goods like medicine, automotive parts and even baby food pose a serious threat to the health of American consumers (Lamar Smith, NYT 1/10/12) ■ If financial services companies have any reservations about being appointed the front-line enforcers for copyright protections under proposed anti-piracy legislation, now would be their time to strike. (AB 1/18/12) ■ The bill ... protects American consumer from dangerous counterfeit products" (Rep. Lamar Smith, CNN 11/18/11) 	<ul style="list-style-type: none"> ■ RT @creativeamerica: Protect American artists support #sopa and #pipa at #ces http://t.co/ZB9POXN1 (txba484, TWT 1/10/12)
Re-post and share information		<ul style="list-style-type: none"> ■ RT @Daren140: Stop Internet #Censorship! Sign the global petition @Avaaz urging the US Congress to reject the #Blacklist Bill #SOPA http://t.co/d4N4L7OI (appleblossombea, TWT 11/17/2011) ■ I haven't been too vocal except retweeting others, but I am a content creator and I am against #SOPA. RT and/or speak up! (inversephase, TWT 12/23/11) ■ I want you guys to download this and reupload it all over the internet. Change it some - put some leaders in front of it; shorten it, cut it, whatever you have to do because they're going to do everything they can to take down this information because that's what they do and that's what they want SOPA for, okay? So, you do your best, even if you email this to all your Senators, Congressmen (Mike Mozart/ PuskaGib'en, YTB 12/21/11) <p>[U] Internet Fight Song (Ghosty Boy, YTB 1/16/12)</p>
SOPA strike		<ul style="list-style-type: none"> ■ Support #SOPAblockout We need a nation wide internet strike! #SOPA (spiritualution, TWT 1/12/12) ■ @Oatmeal you should join the #SOPA strike on Jan 18 http://t.co/XDU3JDT2 (candyman, TWT 1/14/12) ■ Go here for more #SOPA strike info: http://t.co/LPbiFfck (Evil_Notch, TWT 1/14/12)

Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<ul style="list-style-type: none"> ■ <i>I hope Google takes part in the blackout too #SOPA #PIPA</i> (deanybaby94, TWT 1/18/12) ■ <i>Web Goes On Strike: Jan 18th! All-out blackout 2 stop #SOPA #PIPA. Petition @twitter and other sites to join us. http://t.co/LSkK9zui</i> (brunogalvaogato, TWT 1/18/12) [C] <i>Tomorrow is the largest internet protest EVER against web censorship bills #SOPA & #PIPA http://t.co/d7y3mFyP #SOPASTRIKE We're in. Are you?</i> (standing_cloud, TWT 1/18/12) [C] <i>The largest internet protest in history is happening tomorrow to stop #SOPA and #PIPA. Will you join us? http://t.co/WEw3GW5h #SOPASTRIKE</i> (willabywallaby, TWT 1/18/12) [C] <i>Protest Internet censorship! Join Gov. @BuddyRoemer and his supporters tomorrow as we 'go dark' - no tweets! #SOPA #PIPA #J18 #SOPABlackout</i> (fightingphd, TWT 1/18/12) [C] <i>As congress resumes discussing #SOPA and #PIPA show your opposition with #blackoutsopa http://t.co/wRjt7Um7</i> (SMSuurmeijer, TWT 1/10/12) [C] <i>Take action against #SOPA and #PIPA - Support the #Wikipediablackout on Jan 18 http://t.co/YlpPBGD4</i> (vareladaavid, TWT 1/18/12) [V]  [U] <i>Anti-SOPA/PIPA Protest Songs http://t.co/v44b6VtK via @Techdirt #SOPA</i> (donahuematt, TWT 1/18/12)  [U] <i>Don't Let 'em Censor the Internet</i> (Okwerdz, YTB 1/16/2012) 
<p>Stop the law that will censor the Internet</p>	<p>[M] <i>I want to be sure this legislation doesn't come back as a zombie bill shuffling through the halls of Congress</i> (Cybersecurity expert Stewart Baker, CSM 1/18/12)</p>	<ul style="list-style-type: none"> ■ <i>FIRE FIRE FIRE FIRE stop the law #SOPA</i> (luqee10, TWT 1/18/2012) [S] <i>We didn't stop the law that allows them to detain or execute us without reason, & now people are bitching about #SOPA?</i> (Earthnik, TWT 1/13/2012) [V] <i>Stop sign</i> (AngryJoeShow, YTB 12/19/11) [V]  [V] <i>SOPA with "Anti" symbol over it</i> (CaptainSparklez, YTB 1/18/12) [U] <i>Firewall</i> (Leah Kauffman, YTB 1/16/12) [U] <i>Stop the SOPA Song</i> (Stonebreakers10, YTB 11/25/2011) 
<p>Unite against SOPA</p>	<ul style="list-style-type: none"> ■ <i>We must work together for an effective solution</i> (DV 11/23/11) 	<ul style="list-style-type: none"> ■ <i>Google, Bing, others should work together to shut down search engines for a day during the work week in protest over #SOPA</i> (AnonyOps, TWT 12/18/11) ■ <i>RT @Zlatxlat: Calling on all Tea Party and OWS supporters to set aside differences and unite against the #NDAA and #SOPA</i> (anonymouSATX2, TWT 12/15/11) [C] <i>#SOPA has to stop! @Facebook @Amazon @Google as a daily user, I will support a #blackout to #killSOPA #J23</i> (carolyndrose, TWT 1/115/12) [C] <i>#OpBlackout baby can't wait. Finally the world gets to see a small part of what #SOPA WILL do if passed. #FUCKSOPA JOIN THE REBELLION!</i> (v_2_, TWT 1/18/12) [C] <i>RT @VendettaNews: In solidarity with the rest of the world going #Blackout This account will not tweet for at least 24hrs #noSOPA #SOPA #Censorship #noPIPA</i> (JustinCredible, TWT 1/18/12)

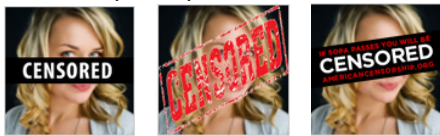
Frame	Illustrations from Traditional Media Packages	Illustrations from Social Media Packages
		<p>[U] <i>The Internet is on strike!</i> Song of the day: http://t.co/KNblUIPK #SOPA #PIPA (F3sch1, TWT 1/18/12)</p> <p>[U] <i>We're Not Going to Take it Anymore</i> (androvett, YTB 1/18/12)</p>

Illustrations of Images Posted on Twitter

1  Shawn Collins @affiliatip · 17 Nov 2011
 RT @hillstaffer: █ Protect █ internet █ freedom █ not █ corporate █ interests █ #SOPA (stop online...)

 You Annoy Us When... @YouAnnoyUsRPers · 18 Jan 2012
 Why SOPA is dangerous? █ Because █ #Internet █ #censorship is. █ "End Piracy, Not Liberty."


2 Censored profile pictures on Twitter:




5 Links to this image:



6 Displays/links to this GIF:

If SOPA or PIPA gets through Congress ... this animated GIF could be considered pirated ... and my website could be shut down for hosting it ... WITHOUT due process.  Orwellian bullshit makes me sad :(

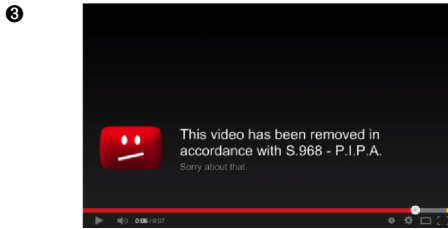
The goal is to stop the piracy of films and music. ... But this is like dealing with a lion that has escaped from the Zoo ... by blasting some kittens with a flamethrower.  and KITTEN BBQ = bad!!

Do your part to stop SOPA and PIPA. ... Do it for the kittens. ... The Oatmeal <http://theoatmeal.com/sopa>

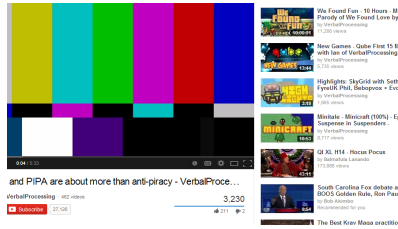
9 Blackout badges used on Twitter:



Illustrations of Images Posted on YouTube



(AthenaWins, YTB 1/18/2012)



(VerbalProcessing, YTB 1/18/2012)



(pacman5698, YTB 12/14/2011)



(Tmsndfxq9wq, YTB 1/18/2012)



(JeremyJohns, YTB 1/18/2012)



(yessikg, YTB 1/18/2012)



(LolostVideos, YTB 1/18/2012)



(MotherFucker!, YTB 1/5/12)

Illustrations of Song Lyrics Performed on YouTube/Linked to from] Twitter/Referenced in Newspapers

<p>4</p> <p><i>A long, long time ago On the world's largest network of interconnected computers, Those lolcats used to make me laugh. And I knew I could make a joke And not be sued by nasty folk On the RIAA's behalf Then along came SOPA/PIPA The internet's very own grim reaper users could not edit Ars Technica and Reddit</i></p>	<p>The Day the LOLCats Died</p> <p>...</p> <p><i>Can you write a decent law Do you care 'bout copyright at all? Or just winning back your seat Content will begin to ebb You'll watch the slow death of the web You'll be left with nothing more to tweet</i></p> <p>...</p> <p><i>Why, why are laws a thing you can buy? They got paid off, should be laid off, re-election denied Our web means more than lawyers, lobbies, and lies So speak up before the internet dies Speak up before the internet dies</i></p> <p>(LaughPong, YTB 1/17/2012)</p>
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8	Stop the SOPA! Song	
<p><i>I'll scream my views with CAPSLOCKFONT against this bill that you must taunt. Poke the book in our face. Get the hell out of MySpace. That's WWW - that's What We Want.</i></p>	<p><i>I don't digg your havoc tweeting, endless yelps from your iCloud. I'd subscribe to watch you tumble, crash through to face NEWGROUNDS. Try to shut down my internet - you won't have a Flickr of hope. If I go to jail, I'm taking you with me. That's when you'll drop the SOPA, the SOPA, the SOPA.</i></p> <p>(Stonebreakers10, YTB 11/25/2011)</p>	<p><i>You're the one that's gonna PayPal. Right click on our online morale. Soon you'll be in too deep. That's when you'll reddit and weep. Justin Bieber ain't made no wrong foul. ...</i></p>
10	Don't Let 'em Censor the Internet	
<p><i>... now here's what u can do to stop this if you wanna continue to watch porn then make a visit to americancensorship.org there's a list i suggest u do all of them first is a pre-filled, email u gotta send set up a meeting with your congressmen and talk to him or sign the petition, if this is, too hard to comprehend and post this everywhere, show it to ya mom before everything that we viewin' on, our computers gone...</i></p>	<p><i>don't let 'em censor the internet don't let 'em censor the internet 'cuz if we let 'em censor the internet they'll take our freedom till there isn't an amendment left don't let 'em censor the internet don't let 'em censor the internet 'cuz if we let 'em censor the internet they'll take our freedom till there isn't an amendment left.</i></p> <p>(Okwerdz, YTB 1/16/2012)</p>	

Appendix H

Adjusting for Message Length in Content Restriction Metrics

Our signature restriction metric assessed the average proportion of signatures used in messages across media. The likelihood of a particular signature type appearing in the message increases linearly with message size. The overall proportion of signature types used similarly increases, justifying our word count adjustment. In contrast, our frame comprehensiveness and bias metrics are joint probability metrics—joint probabilities of the occurrence of diagnostic, prognostic, and motivational frames for comprehensiveness and of pro- and anti-SOPA frames for bias. While the probability of each event (type of frame—diagnostic, prognostic, and motivational; and pro- and anti-SOPA) arguably increases linearly with message size, the joint probability of all events occurring increases nonlinearly, always below the minimum probability of the individual events that are required to occur jointly, as depicted in Figure H1. So a linear increase in the frame restriction metrics would be misleading.

To assess the robustness of our assessment of frames restrictions to message size, we subjected our Twitter and YouTube data to additional analyses. For our Twitter data, we drew random samples of 50 sequential tweets (i.e., random start followed by the next 49 tweets, sorted by date) from the 20 most prolific authors in the Twitter discourse. We chose sequential tweets to approximate a contiguous thought or message. The average size of these blocks of 50 tweets was 784 words, which was somewhat more than the average of 689 words on newspapers.² We coded these message blocks for the presence of pro- and anti-SOPA diagnostic, prognostic, and motivational frames and then ascertained the comprehensiveness and bias within the 50-tweet block for each of the 20 authors.

²Deleting the first six tweets from each block reduced the average word count to 691; deleting the last six reduced it to 686; neither deletion changed the proportion of blocks displaying frame comprehensiveness or balance.

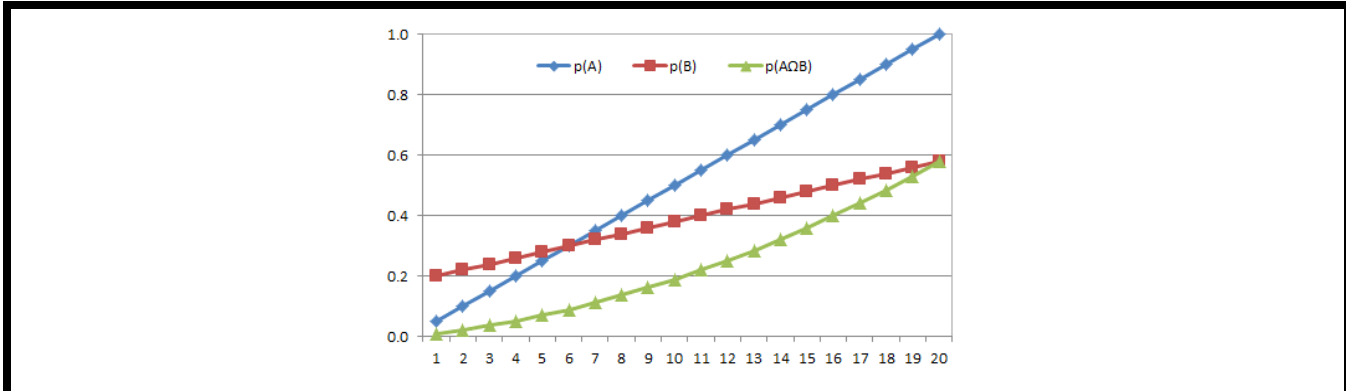


Figure H1. Increases in Joint Probabilities in Relation to Individual Probabilities

Table H1. Comprehensiveness and Balance Restrictions Adjusting for Word Count

Media	Lean	Rich	Difference
Traditional	NEWSPAPER p(comprehensiveness) = 0.12 p(balance) = 0.64***	TELEVISION p(comprehensiveness) = 0.04 p(balance) = 0.76***	z(comprehensiveness) = 1.47* z(balance) = 1.46*
Social	TWITTER p(comprehensiveness) = 0.95*** p(balance) = 0.15*	YOUTUBE p(comprehensiveness) = 0.45*** p(balance) = 0.31***	z(comprehensiveness) = 6.42*** z(balance) = 1.64*
Difference	z(comprehensiveness) = 13.50*** z(balance) = 5.04***	z(comprehensiveness) = 5.67*** z(balance) = 1.76*	

*p < 0.100; **p < 0.010; ***p < 0.001; two-tailed tests
 n = 75, 25, 20, and 67 for newspaper, television, Twitter, and YouTube respectively

For YouTube, to obtain an average word count comparable to that occurring on television, we restricted the sample to the 67 longest videos. This yielded an average word count of 997 words for this sample of longer videos, which was equal to the average word count for television messages. In Table H1, we compare comprehensiveness and balance restrictions based on these social media subsamples, which account for message length. This shows that adjusting for word count does increase comprehensiveness estimates across both social media, rendering Twitter messages significantly more comprehensive than newspaper messages. YouTube messages were more comprehensive than television messages before adjusting for word counts. However, while the adjustment attenuated the appearance of bias to some extent, social media messages remained significantly less balanced than traditional media messages. Frame restrictiveness in terms of frame bias, therefore, is robust to message length.

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