

**Table 1: Ground truth for compatibility accuracy evaluation.**

Seed topic	Sentiment	Article (number)	Compatible users
abortion	negative	US News (1) Instant Answer (2) Youthvoices (3)	LGBT4LifeIRL, DidiJeremie, MichaelKellyIC, ColleenBarry1, misfeet
	postive	Shenvi (4) Salon Media Group (5) NY times (6)	rtraister, HuffPostWomen, ihiccupalot, DonnaHowardTX, KathySchiffer
immigration	negative	Debate opinions (7) Business insider (8) Debate opinions (9)	mkolken, MigrantVoiceUK, reformny, prioritydate, MaddieAndMichi
	postive	American progress (10) The HuffingtonPost (11) Debate opinions (12)	SachaWoolLegal, K_Sreeharsha, jpsimmigrate, DetentionForum, RepGutierrez
Brexit	negative	Netivist (13) The Guardian (14) NY times (15)	eyejosh, Hogmeisster, NYtitanic1999, Australiaunwra6, judithmknott
	postive	The Huffington Post (16) International Business Times (17) Al Jazeera Media Network (18)	moboboandyking, JakubKrupa, massimousai, CarolHope01, bevilwooding

**Table 2: URLs of articles used in the ground truth.**

#	URL
1	<a href="http://www.usnews.com/news/articles/2015/12/02/is-abortion-a-human-right">http://www.usnews.com/news/articles/2015/12/02/is-abortion-a-human-right</a>
2	<a href="http://www.instantanswer.org/why-should-abortion-be-illegal_1650.html">http://www.instantanswer.org/why-should-abortion-be-illegal_1650.html</a>
3	<a href="http://youthvoices.net/discussion/persuasive-essay-abortion">http://youthvoices.net/discussion/persuasive-essay-abortion</a>
4	<a href="http://www.shenvi.org/Essays/BadProChoiceArguments.htm">http://www.shenvi.org/Essays/BadProChoiceArguments.htm</a>
5	<a href="http://www.salon.com/2015/04/24/i_am_pro_abortion_not_just_pro_choice_10_reasons_why_we_must_support_the_procedure_and_the_choice/">http://www.salon.com/2015/04/24/i_am_pro_abortion_not_just_pro_choice_10_reasons_why_we_must_support_the_procedure_and_the_choice/</a>
6	<a href="http://www.nytimes.com/2016/06/28/opinion/the-facts-win-out-on-abortion.html?_r=0">http://www.nytimes.com/2016/06/28/opinion/the-facts-win-out-on-abortion.html?_r=0</a>
7	<a href="http://www.debate.org/opinions/is-immigration-a-good-thing">http://www.debate.org/opinions/is-immigration-a-good-thing</a>
8	<a href="http://www.businessinsider.com/trump-immigration-speech-shocking-2016-9">http://www.businessinsider.com/trump-immigration-speech-shocking-2016-9</a>
9	<a href="http://www.debate.org/opinions/is-immigration-a-good-thing?ysort=2&amp;nsort=5">http://www.debate.org/opinions/is-immigration-a-good-thing?ysort=2&amp;nsort=5</a>
10	<a href="https://www.americanprogress.org/issues/immigration/news/2013/08/29/73203/immigration-helps-american-workers-wages-and-job-opportunities/">https://www.americanprogress.org/issues/immigration/news/2013/08/29/73203/immigration-helps-american-workers-wages-and-job-opportunities/</a>
11	<a href="http://www.huffingtonpost.com/jonathan-portes/economic-europe-refugees_b_8128288.html">http://www.huffingtonpost.com/jonathan-portes/economic-europe-refugees_b_8128288.html</a>
12	<a href="http://www.debate.org/opinions/is-immigration-a-good-thing">http://www.debate.org/opinions/is-immigration-a-good-thing</a>
13	<a href="https://netivist.org/debate/consequences-of-brexite-pros-and-cons">https://netivist.org/debate/consequences-of-brexite-pros-and-cons</a>
14	<a href="https://www.theguardian.com/commentisfree/2016/aug/24/brexit-vote-owen-smith-remain-referendum">https://www.theguardian.com/commentisfree/2016/aug/24/brexit-vote-owen-smith-remain-referendum</a>
15	<a href="http://www.nytimes.com/2016/06/27/business/dealbook/brexit-hedge-funds-soros-cooperman-gold-currency.html">http://www.nytimes.com/2016/06/27/business/dealbook/brexit-hedge-funds-soros-cooperman-gold-currency.html</a>
16	<a href="http://www.theweek.co.uk/brexit/65461/brexit-may-and-johnson-clash-over-timetable">http://www.theweek.co.uk/brexit/65461/brexit-may-and-johnson-clash-over-timetable</a>
17	<a href="http://www.ibtimes.com/brexit-economic-impact-5-ways-it-affects-us-stocks-trade-currency-more-opinion-2397478">http://www.ibtimes.com/brexit-economic-impact-5-ways-it-affects-us-stocks-trade-currency-more-opinion-2397478</a>
18	<a href="http://www.aljazeera.com/indepth/opinion/2016/06/brexit-uk-rage-dying-colonial-light-160619133939938.html">http://www.aljazeera.com/indepth/opinion/2016/06/brexit-uk-rage-dying-colonial-light-160619133939938.html</a>