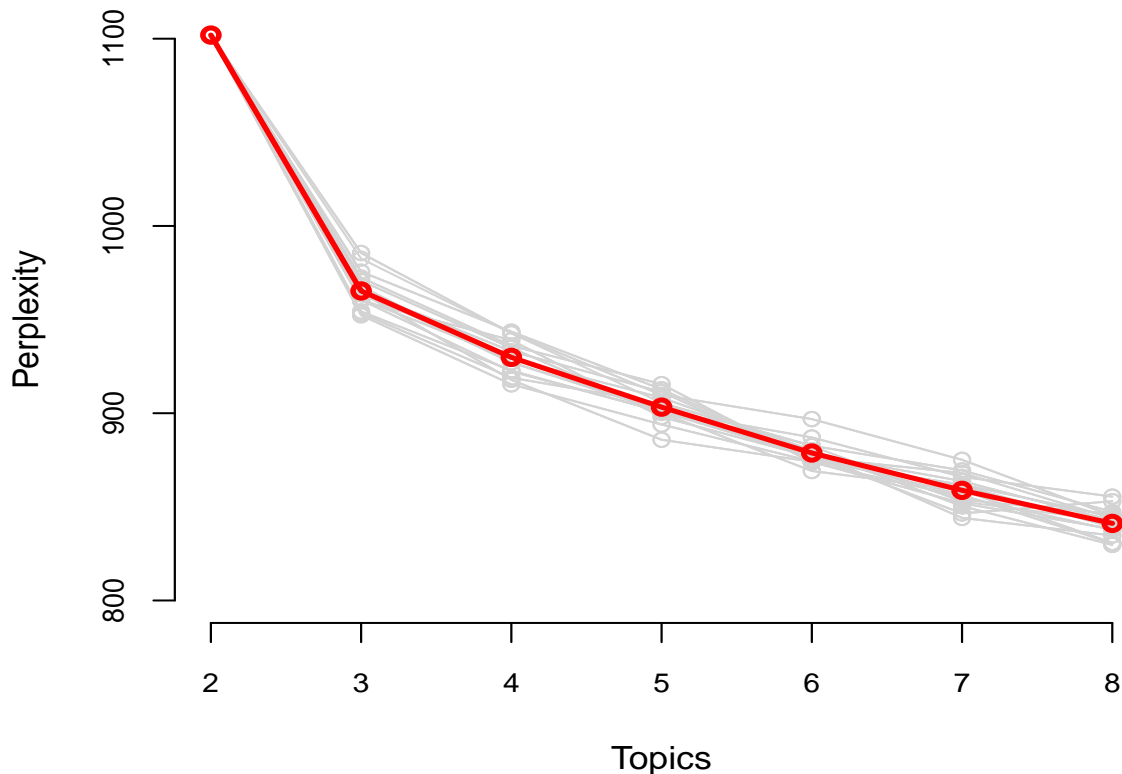


Politics @Pontifex: International Crises and Political Patterns of Papal Tweets

Appendix

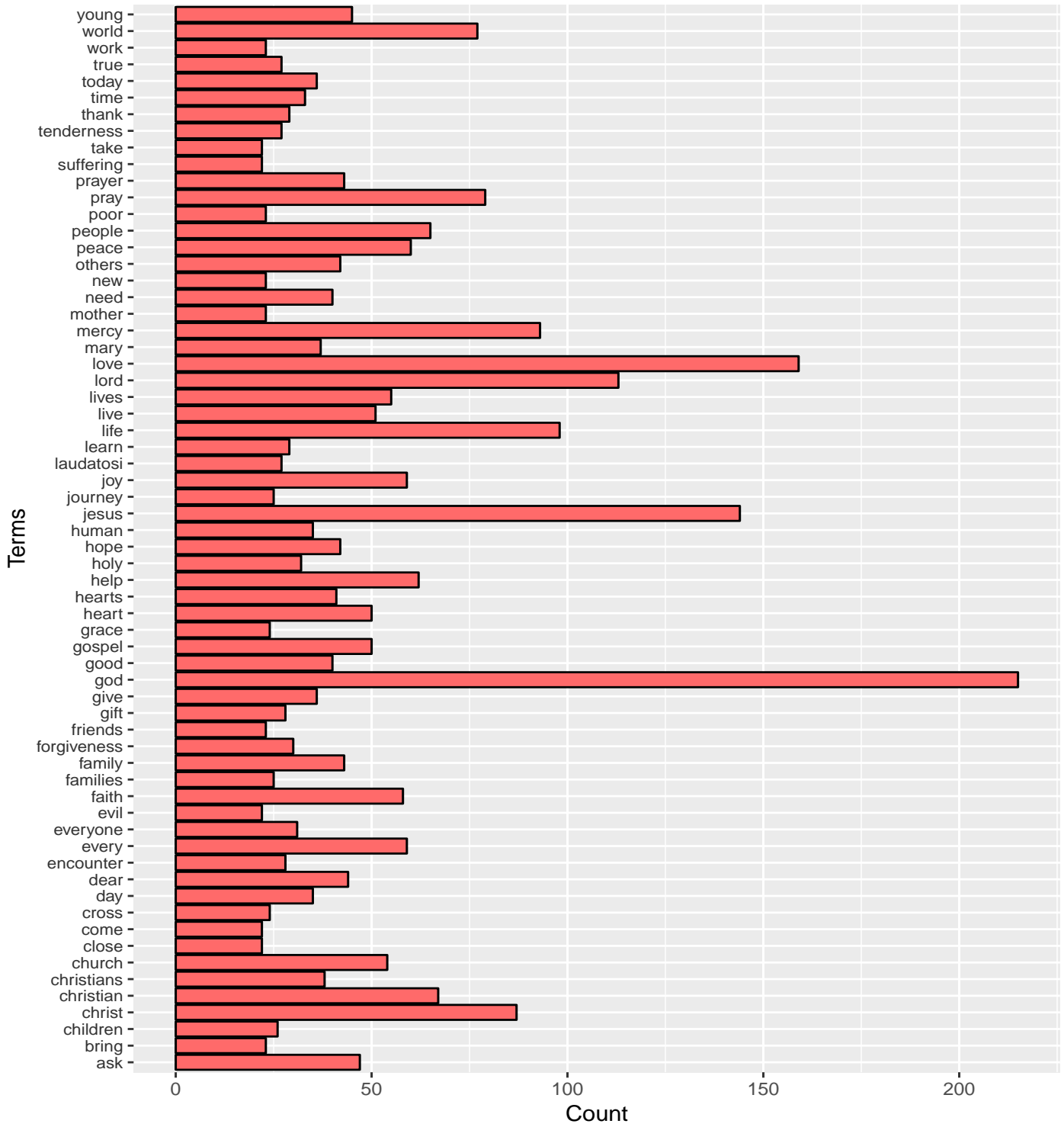
Federica Genovese
University of Essex
fgenov@essex.ac.uk

Figure A.1: Model Selection: Model Fit by Different Topic Numbers



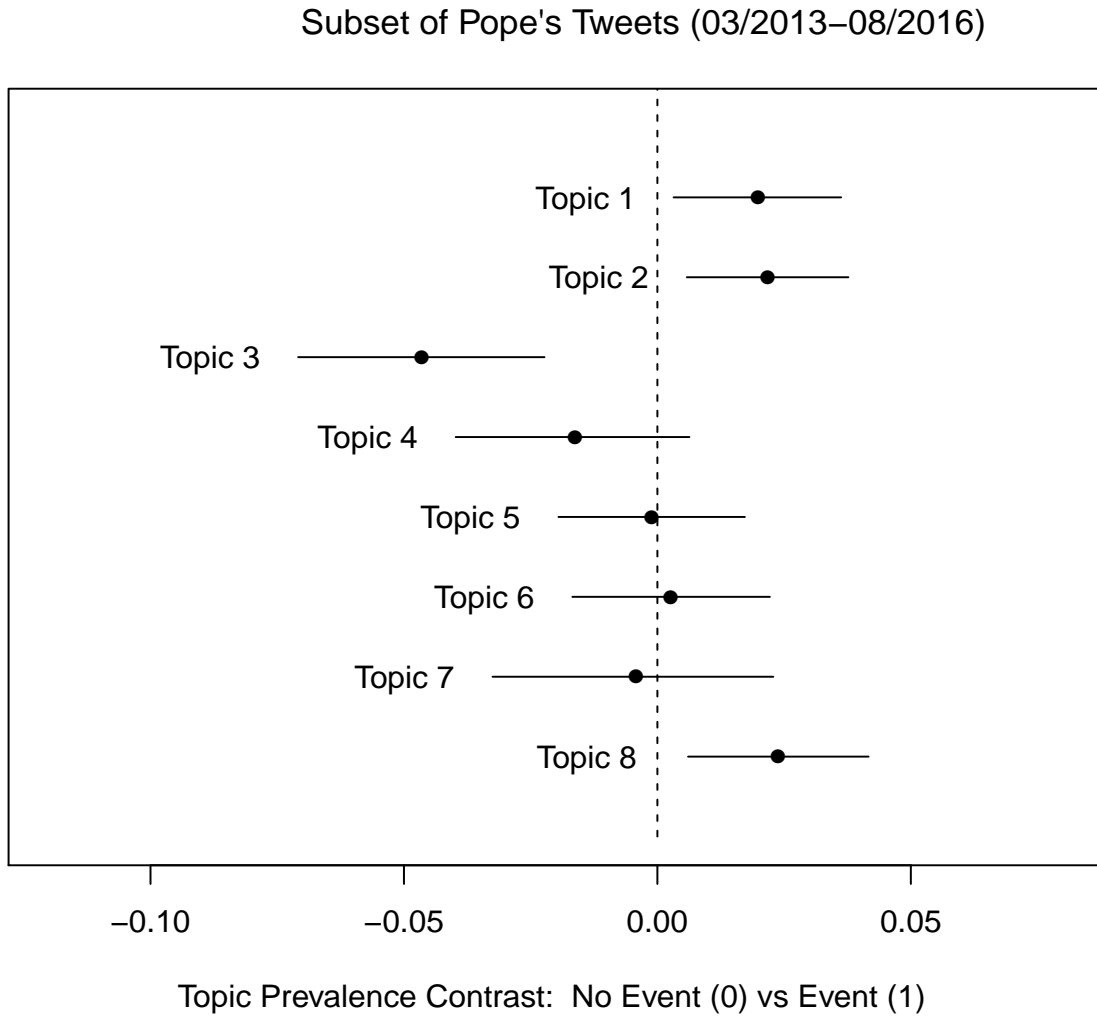
This figure illustrates the perplexity score calculated for the entire corpus of papal tweets with an estimation repeated 20 times using different initializations. The results show every initial set of the starting parameters (grey) and the measure's respective mean values across all initializations (red).

Figure A.3: Top Words Frequencies



This figure reports the top word frequencies (> 25 word count) in the papal tweets released between March 2013 and March 2017.

Figure A.4: The Effect of International Events and Crises on Papal Tweets: Data between March 2013 and August 2016



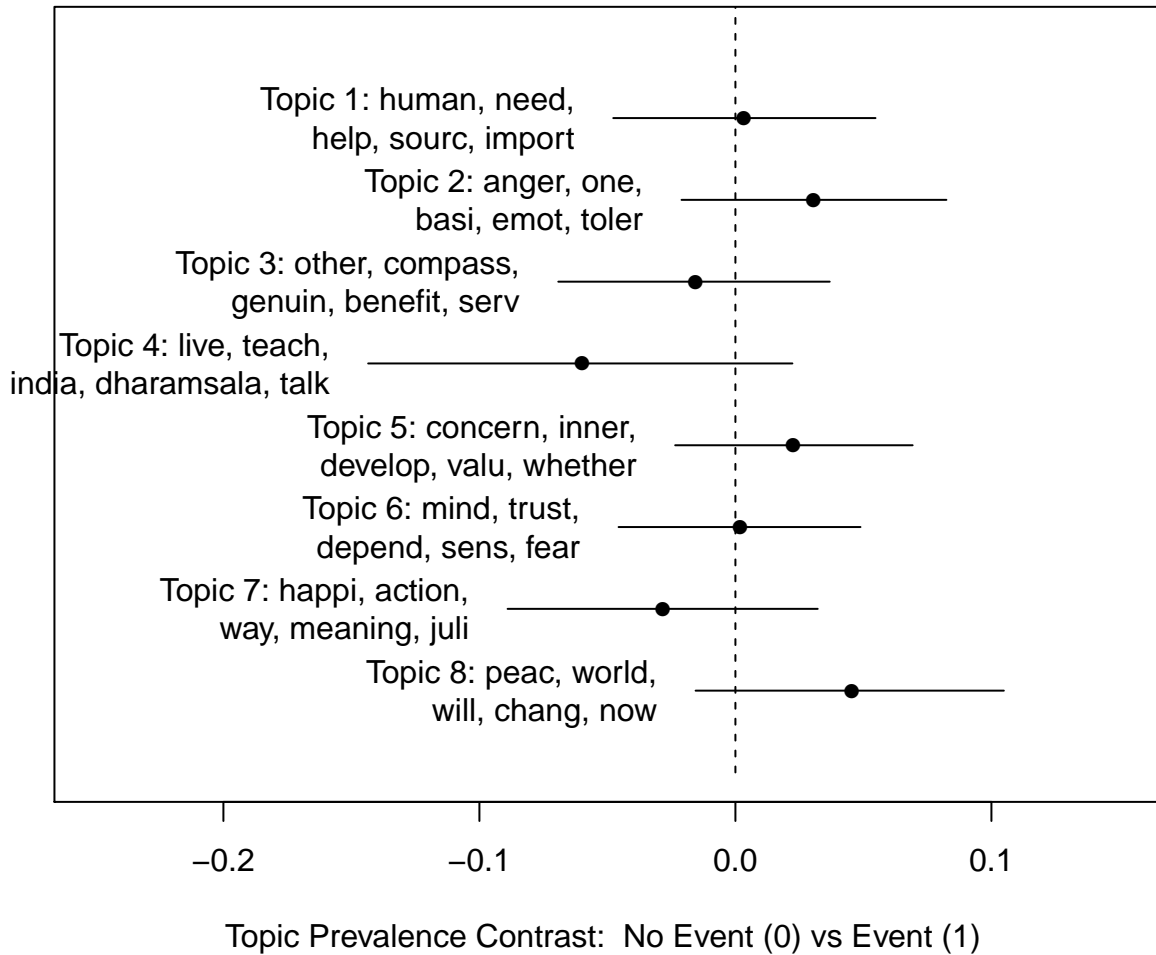
This figure illustrates the statistical influence of international crises on the content of the papal tweets. The estimation is based on a Structural Topic Model specified with eight topics. Each dot corresponds to the estimated coefficient, while the line corresponds to the 90% confidence interval. N=914 tweets (subset up to August 2016).

Table A.1: Illustrative Selection of Papal Political Tweets

Date of Tweet	Text of @Pontifex Tweet	Connected Event
04/27/13	Join me in praying for the victims of the tragedy in Dhaka, Bangladesh, that God will grant comfort and strength to their families	ISIS attacks in Bangladesh
09/11/13	I ask all of you to join me in prayer for the victims of Typhoon Haiyan/Yolanda especially those in the beloved islands of the Philippines	Typhoon Haiyan
10/12/13	Lord, have mercy! Too often we are blinded by our comfortable lives, and refuse to see those dying at our doorstep. #Lampedusa	Lampedusa shipwreck
02/15/14	Let us pray for peace in Africa, especially in the Central African Republic and in South Sudan. #prayforpeace	South Sudan President's 'one people, one nation' SPLM rally
05/17/14	Let us pray for all victims of sexual violence in conflict, and those working to end this crime. #TimeToAct	Global Summit 'End Sexual Violence in Conflict'
05/10/14	Let us all join in prayer for the immediate release of the schoolgirls kidnapped in Nigeria. #BringBackOurGirls	Boko Haram's kidnapping of 270 girls
08/08/14	I ask all Catholic parishes and communities to offer a special prayer this weekend for Iraqi Christians	ISIS genocide of Iraq Christians
08/09/14	I ask the international community to protect all those suffering violence in Iraq.	ISIS genocide of Iraq Christians
09/08/15	May every parish and religious community in Europe host a refugee family. #Jubilee #refugeeswelcome	A migrants' boat sinks off Libya; Bulgaria builds a border wire fence
03/22/16	I entrust to God's mercy all those who lost their lives. #Brussels	Bruxelles terror attacks
05/10/16	May today's challenges become forces for unity to overcome our fears and build together a better future for Europe and the world.	Munich train station attack
07/15/16	I pray for the victims of the attack in Nice and their families. I ask God to convert the hearts of the violent blinded by hate.	Nice terror attacks
10/03/16	I entrust to Mary the anxieties and sufferings of those peoples who are innocent victims of conflicts in many parts of the world	UNSC report on DRC, following 50 deaths one week before in Kinshasa
10/13/16	No one is a stranger in the Christian community #migrants	Anniversary of Lampedusa shipwreck
03/18/17	I invite you not to build walls but bridges, to conquer evil with good, offence with forgiveness, to live in peace with everyone.	Trump's second muslim ban

The table reports a selection of papal tweets associated with crises in the same vein of the events reported in Figure 1 and Figure 2. These are also representative examples of dates to which the *Event* variable used in the STM analysis was assigned the value 1 (see main text for details).

Figure A.6: The Effect of International Events and Crises on the Dalai Lama's Tweets



This figure illustrates the statistical influence of international crises on the content of the Dalai Lama's tweets. The estimation is based on a Structural Topic Model specified with eight topics. Each dot corresponds to the estimated coefficient, while the line corresponds to the 90% confidence interval. N=355 tweets.