Election risk data in high risk environments: Lessons from Burundi

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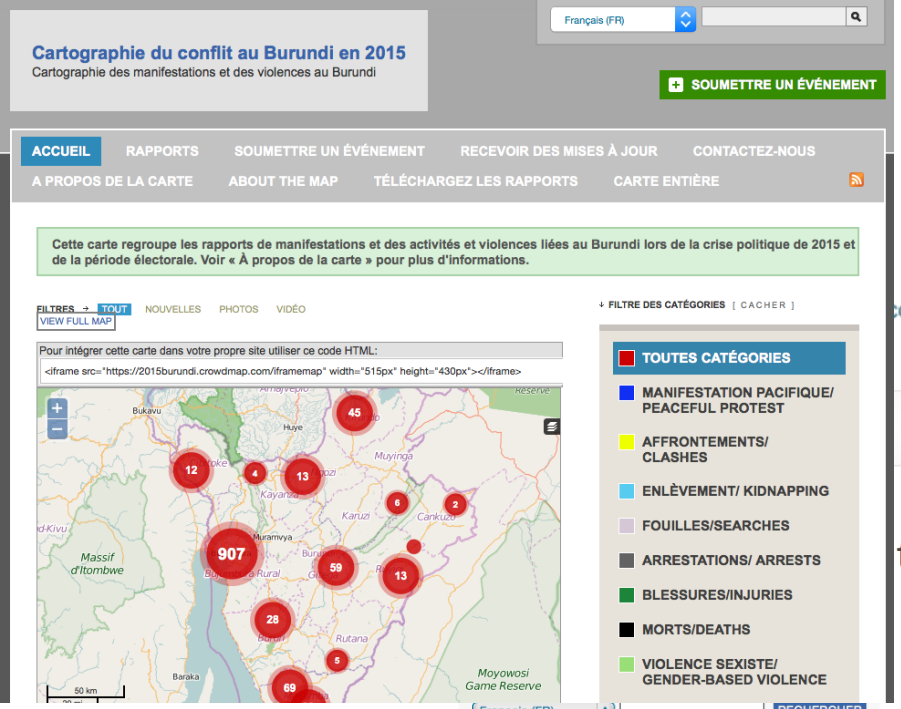
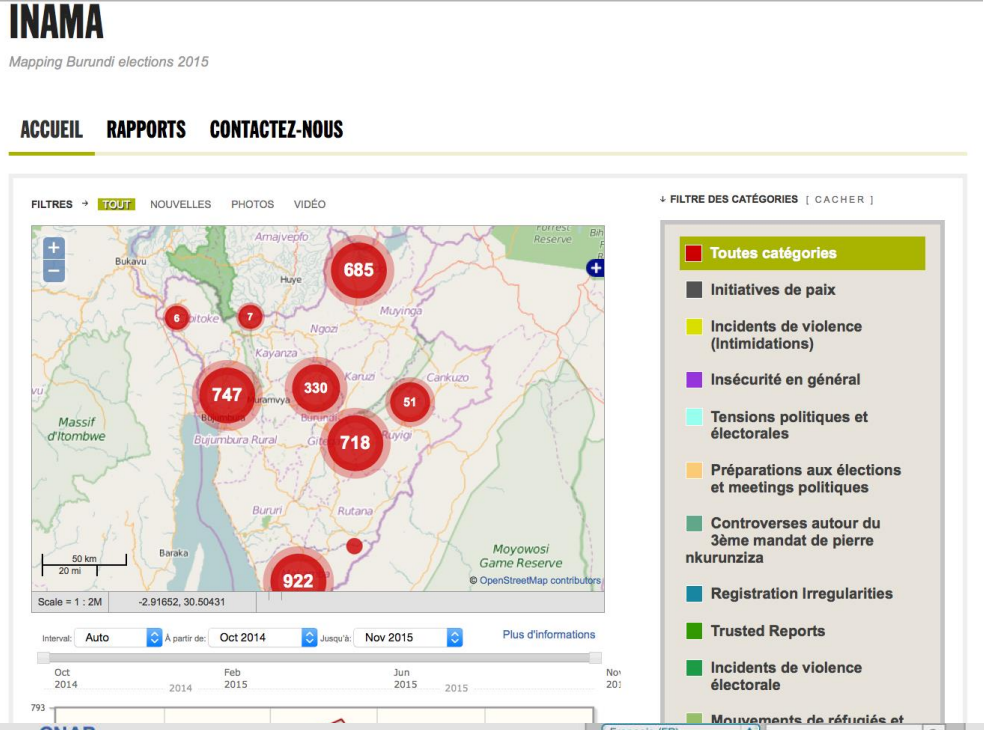
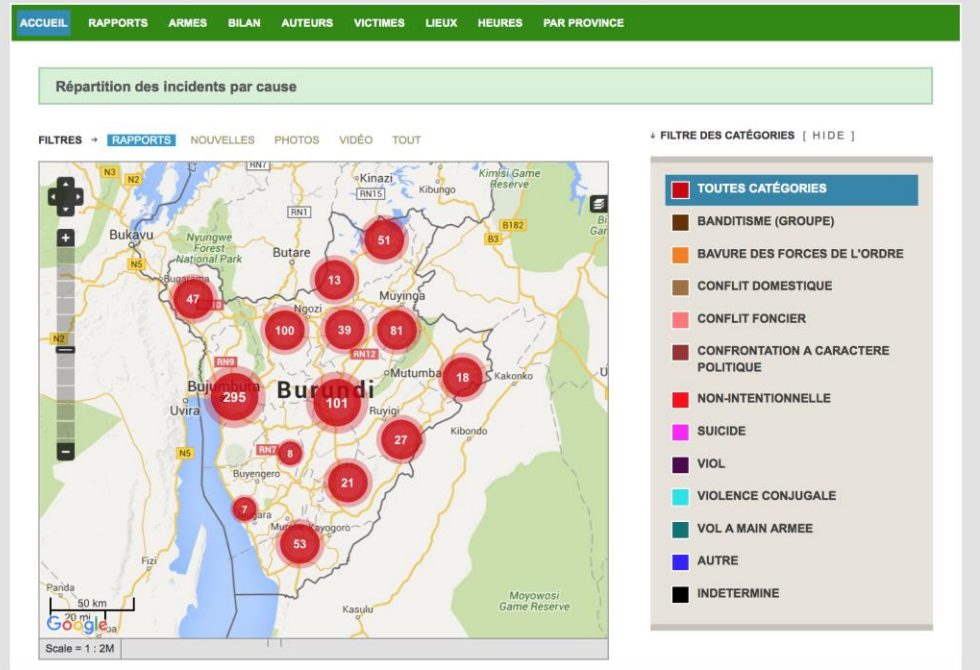
Université de Montréal

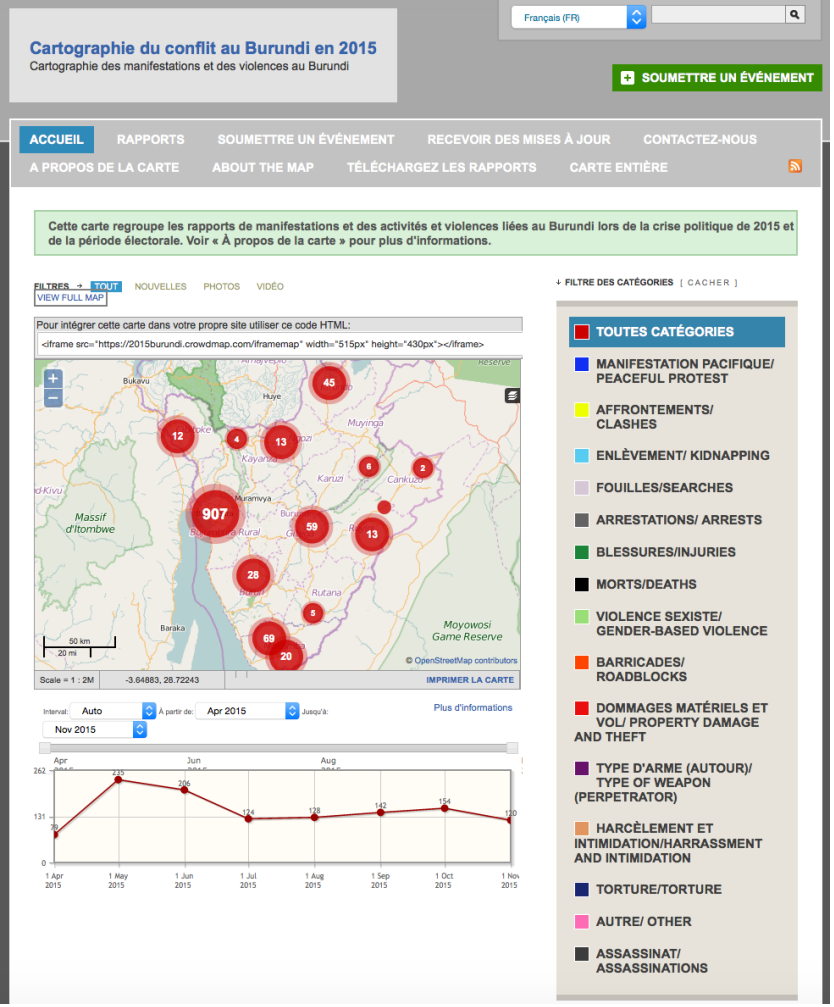
International IDEA
Electoral Risk Management (ERM) Conference
Addis Ababa, Ethiopia, 01 to 03 December 2015


Cartographie du conflit au Burundi en 2015
Cartographie des manifestations et des violences au Burundi
Français (FR)
SOUMETTRE UN ÉVÉNEMENT
ACCUEIL
RAPPORTS
SOUMETTRE UN ÉVÉNEMENT
RECEVOIR DES MISES À JOUR
CONTACTEZ-NOUS
A PROPOS DE LA CARTE
ABOUT THE MAP
TÉLÉCHARGEZ LES RAPPORTS
CARTE ENTIÈRE
Cette carte regroupe les rapports de manifestations et des activités et violences liées au Burundi lors de la crise politique de 2015 et de la période électorale. Voir « À propos de la carte » pour plus d'informations.
FILTRES → TOUT NOUVELLES PHOTOS VIDÉO
VIEW FULL MAP
Pour intégrer cette carte dans votre propre site utiliser ce code HTML:
<iframe src="https://2015burundi.crowdmap.com/iframemap" width="515px" height="430px"></iframe>
FILTRE DES CATÉGORIES [CACHER]
TOUTES CATÉGORIES
MANIFESTATION PACIFIQUE/ PEACEFUL PROTEST
AFFRONTEMENTS/ CLASHES
ENLÈVEMENT/ KIDNAPPING
FOUILLES/SEARCHES
ARRESTATIONS/ ARRESTS
BLESSURES/INJURIES
MORTS/DEATHS
VIOLENCE SEXISTE/ GENDER-BASED VIOLENCE
Bukavu
Huye
Muyinga
Kayanza
Karuzi
Cankuzo
Massif d'Itombwe
Bujumbura Rural
Bururi
Rutana
Baraka
Moyowosi Game Reserve
907
45
12
4
13
6
2
59
13
28
5
69
50 km
20 mi
Français (FR)
RECHERCHER


INAMA
Mapping Burundi elections 2015
ACCUEIL
RAPPORTS
CONTACTEZ-NOUS
FILTRES → TOUT NOUVELLES PHOTOS VIDÉO
FILTRE DES CATÉGORIES [CACHER]
Toutes catégories
Initiatives de paix
Incidents de violence (Intimidations)
Insécurité en général
Tensions politiques et électorales
Préparations aux élections et meetings politiques
Controverses autour du 3ème mandat de pierre nkurunziza
Registration Irregularities
Trusted Reports
Incidents de violence électorale
Mouvements de réfugiés et
Bukavu
Huye
Muyinga
Ngozi
Kayanza
Karuzi
Cankuzo
Massif d'Itombwe
Bujumbura Rural
Bururi
Rutana
Baraka
Moyowosi Game Reserve
685
747
330
51
718
922
6
7
50 km
20 mi
© OpenStreetMap contributors
Scale = 1 : 2M
-2.91652, 30.50431
Interval: Auto
À partir de: Oct 2014
Jusqu'à: Nov 2015
Plus d'informations
Oct 2014
Feb 2015
Jun 2015
Français (FR)

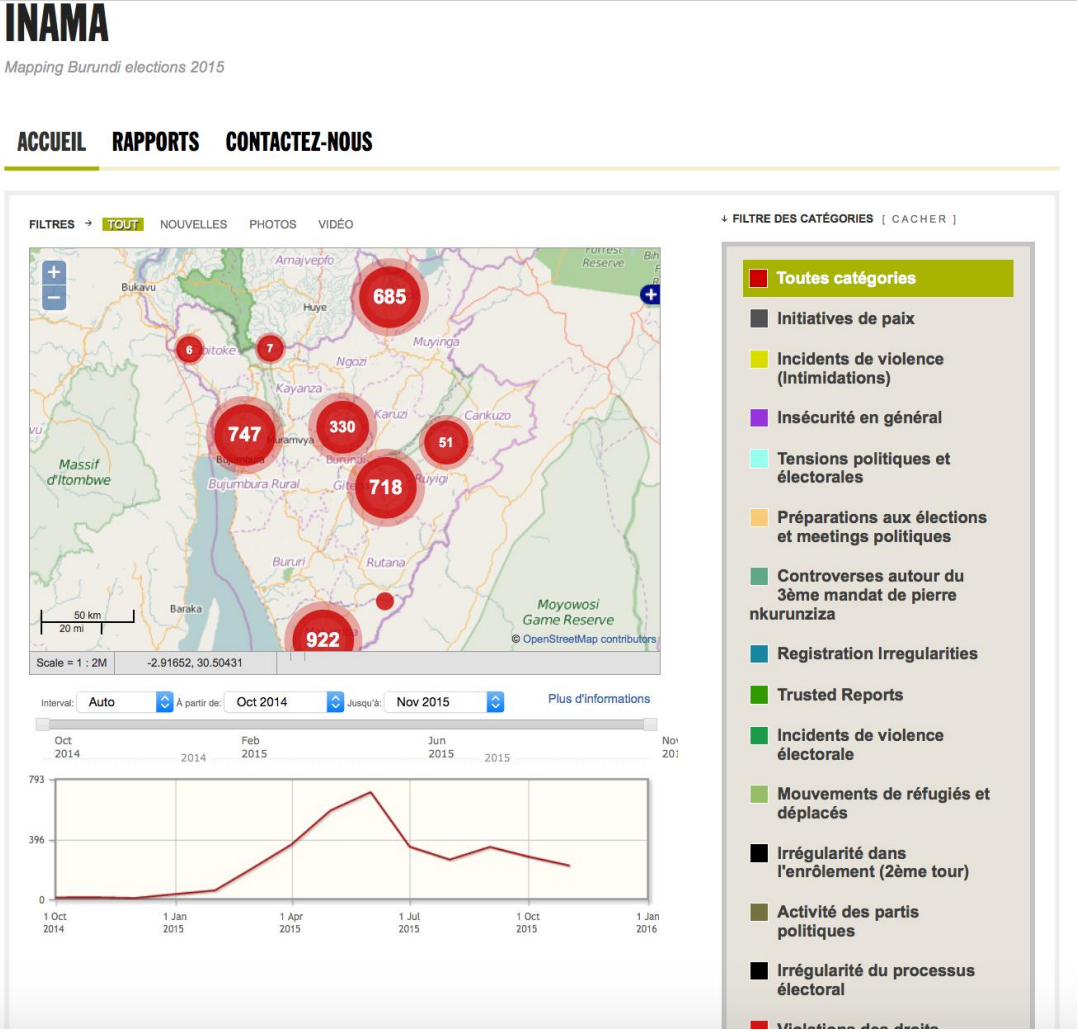
Élections Burundi 2015
Prévenir la violence. Promouvoir la paix.
Nous contribuons à créer une culture des élections paisibles et transparentes à travers la documentation des incidents vérifiés de violence électorale et les initiatives de paix menées à travers le pays.
Démarche: Alerte précoce, réponse rapide.
ACCUEIL
RAPPORTS
CONTACTEZ-NOUS
A PROPOS DE NOUS
Filtrage des rapports par
38
18
4
81
22
30
317
47
52
51
5
8
62
41
27
50 km
20 mi
Scale = 1 : 2M
-2.77497, 31.07377


CNAP
Commission Nationale Permanente de lutte contre la prolifération de armes légères et de petit calibre
ACCUEIL
RAPPORTS
ARMES
BILAN
AUTEURS
VICTIMES
LIEUX
HEURES
PAR PROVINCE
Répartition des incidents par cause
FILTRES → RAPPORTS NOUVELLES PHOTOS VIDÉO TOUT
FILTRE DES CATÉGORIES [HIDE]
TOUTES CATÉGORIES
BANDITISME (GROUPE)
BAVURE DES FORCES DE L'ORDRE
CONFLIT DOMESTIQUE
CONFLIT FONCIER
CONFRONTATION A CARACTERE POLITIQUE
NON-INTENTIONNELLE
SUICIDE
VIOL
VIOLENCE CONJUGALE
VOL A MAIN ARMEE
AUTRE
INDETERMINE
Kinazi
Kibungo
Kimisi Game Reserve
Bukavu
Nyungwe Forest National Park
Butare
Muyinga
Ngozi
Mutumba
Kakonko
Bujumbura
Burundi
Uvira
Ruyigi
Kibondo
Buyengero
Kayogoro
Kasulu
Moyowosi Game Reserve
51
13
47
100
39
81
18
295
101
27
21
53
50 km
20 mi
Scale = 1 : 2M



CrowdMap

- Launched as rapid response to crisis in April
- Data source: International and Burundian media; reliable social media; aggregate other projects' data
- No trained monitors
- Managed by Canadian NGO and local NGOs, staffed with volunteers worldwide
- 875 cases recorded through Sept 22



INAMA

- 25 organizations partnership, 100 trained citizen journalists in 5 provinces (now in 9)
- 2835 incidents reported Nov. 2014 – Sept 22, 2015

EWER

- IFES-led, partner with CEJP and UNDP
- Launched March – June, 2015
- 275 monitors trained in 17 provinces
- 342 peace and violence events recorded* (815 w/manual count)

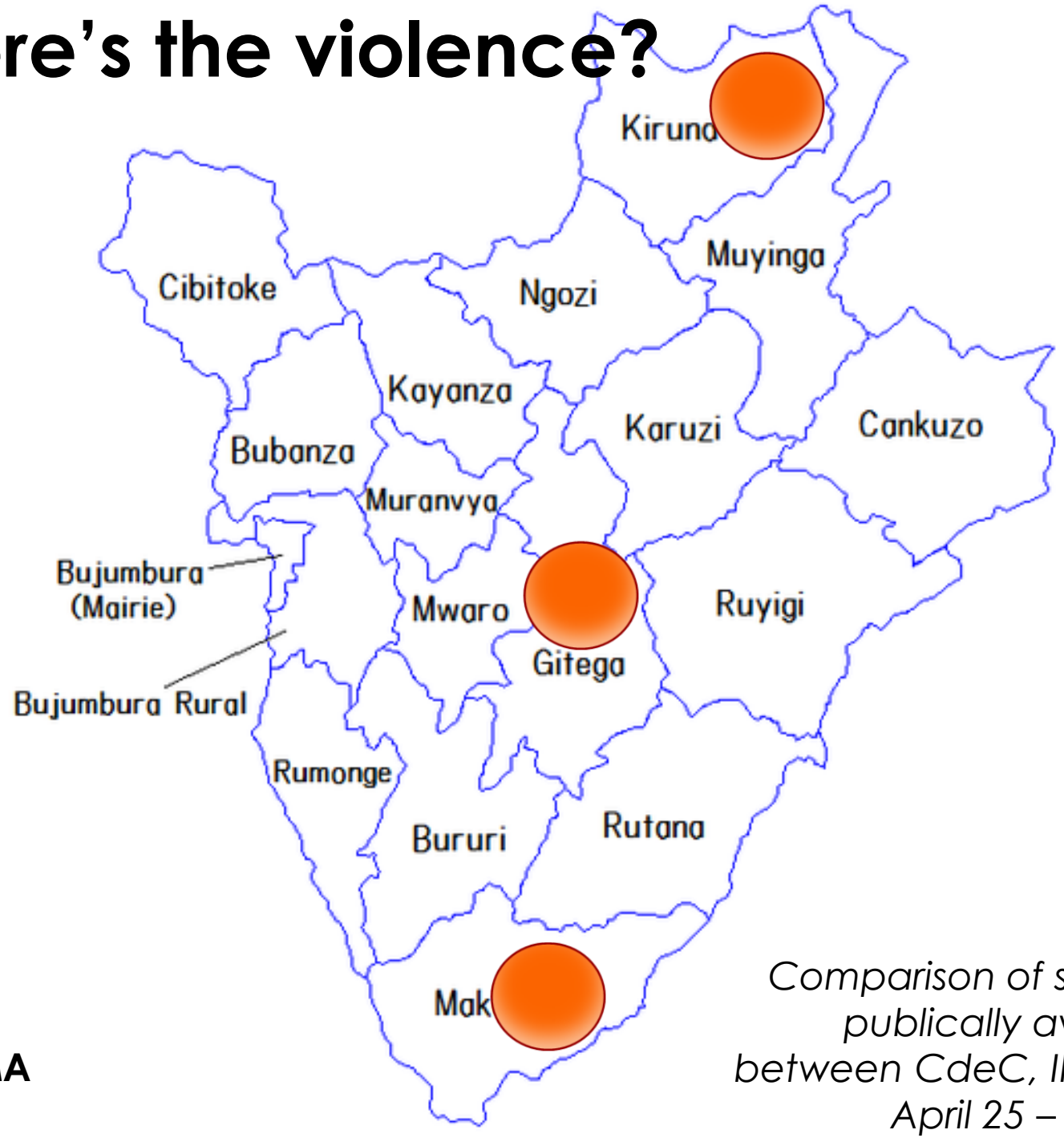
*reflects data available on public website, 28/11/2015

	# Monitors	# Incidents election violence reported (Apr. 25 – Sept. 22)
CrowdMap	0	875
INAMA	100	1395
EWER	275	118 (560)

Where's the violence?

Comparison of standardized, publically available data between CdeC, IFES & INAMA, April 25 – Sept 22, 2015

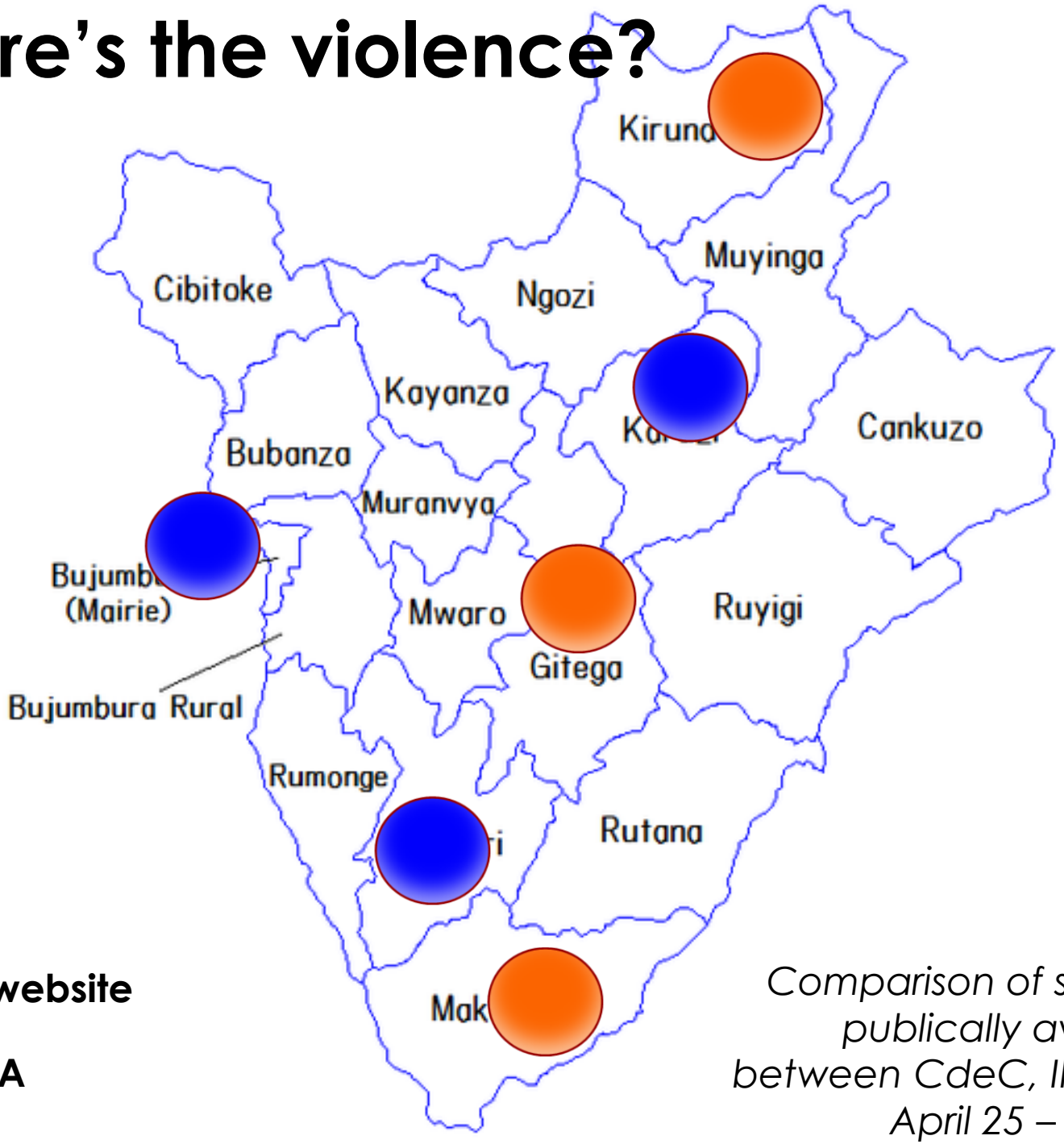
Where's the violence?



INAMA

Comparison of standardized, publically available data between CdeC, IFES & INAMA, April 25 – Sept 22, 2015

Where's the violence?

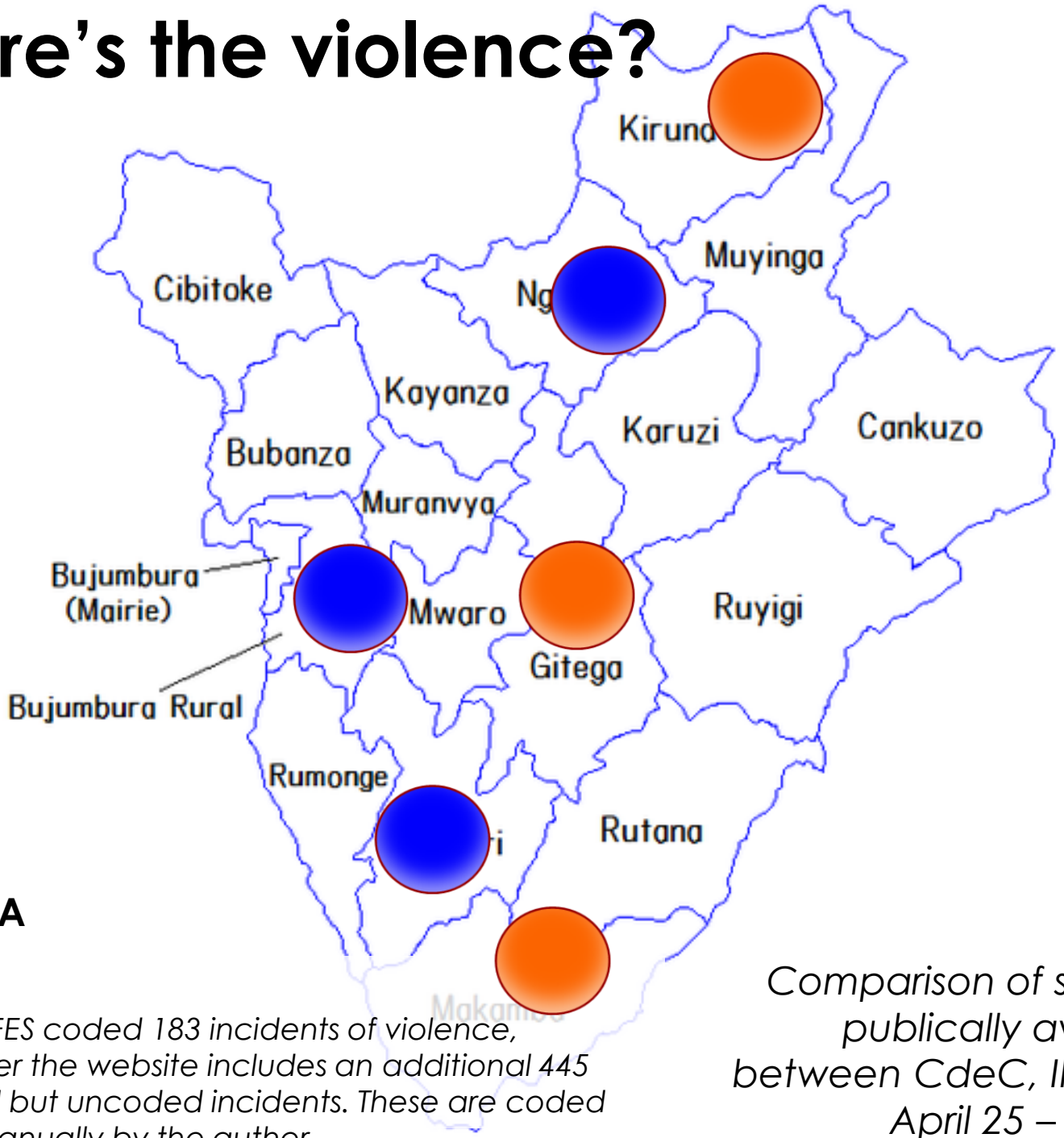


IFES (website data)

INAMA

Comparison of standardized, publically available data between CdeC, IFES & INAMA, April 25 – Sept 22, 2015

Where's the violence?



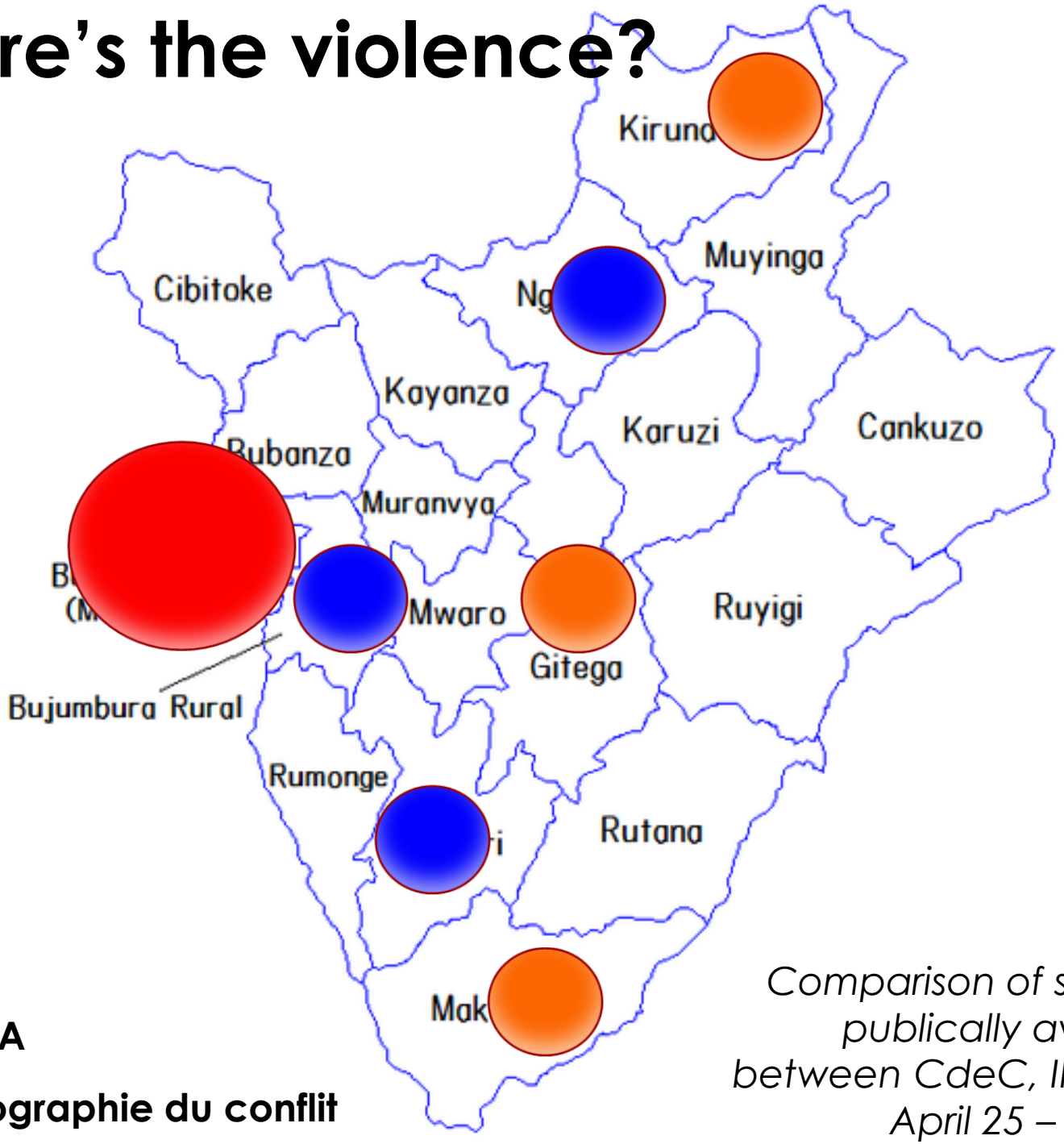
INAMA

IFES*

Note: IFES coded 183 incidents of violence, however the website includes an additional 445 verified but uncoded incidents. These are coded here manually by the author.

Comparison of standardized, publically available data between CdeC, IFES & INAMA, April 25 – Sept 22, 2015

Where's the violence?



IFES

INAMA

Cartographie du conflit

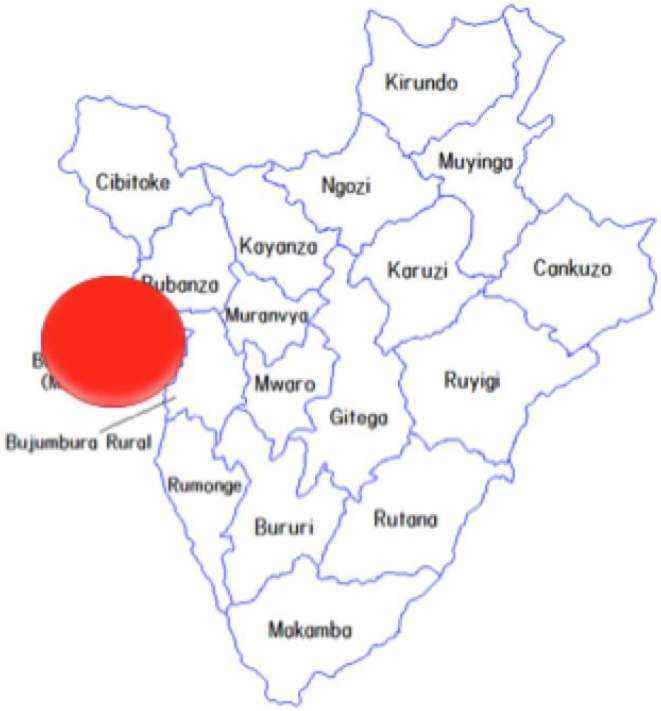
Comparison of standardized, publically available data between CdeC, IFES & INAMA, April 25 – Sept 22, 2015

Definitions: What to map?

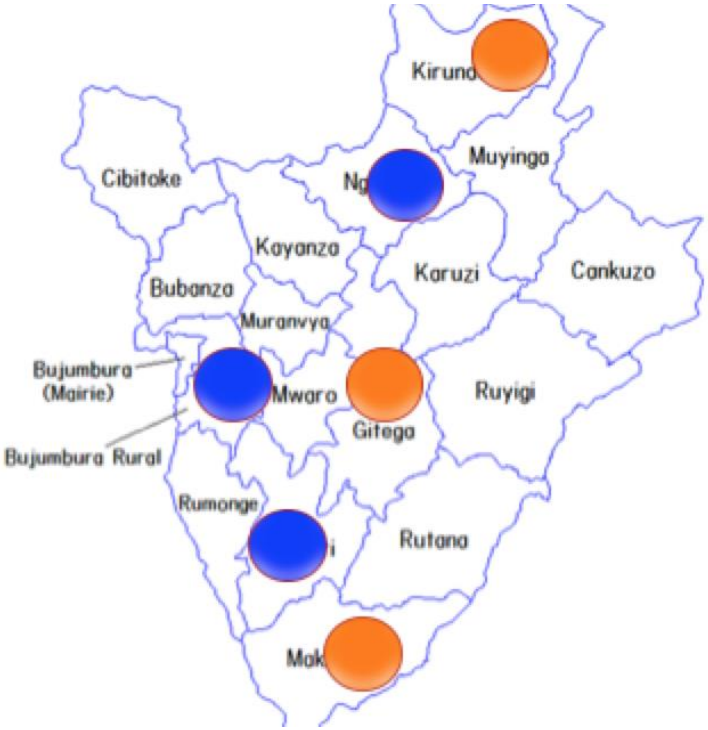
- **EWER**: “incidents vérifiés de violence électorale ainsi que des initiatives de paix”
- **INAMA**: “incidents de violence électorale ainsi que des initiatives de paix”
- **CrowdMap**: “rapports de manifestations et les affrontements, arrestations, enlèvements, dommages matériels, blessures, morts et autres types d'informations liés au Burundi lors de la crise politique de 2015, en marge de la décision du Président Nkurunziza de se présenter une troisième fois.”

Data Sources

Media Reports



Grassroots



Adapting to changing conditions

Political Protest in Burundi - 2015

- Apx. 140 days of consistent protests
- Simultaneous in 3-5 neighborhoods of Bujumbura on average, + periodically in provinces
- Frequent violent clashes with police and armed forces, victims on both sides
- Road barricades, peaceful anti-3rd term demonstrations, many arrests

How do you record this for data mapping?

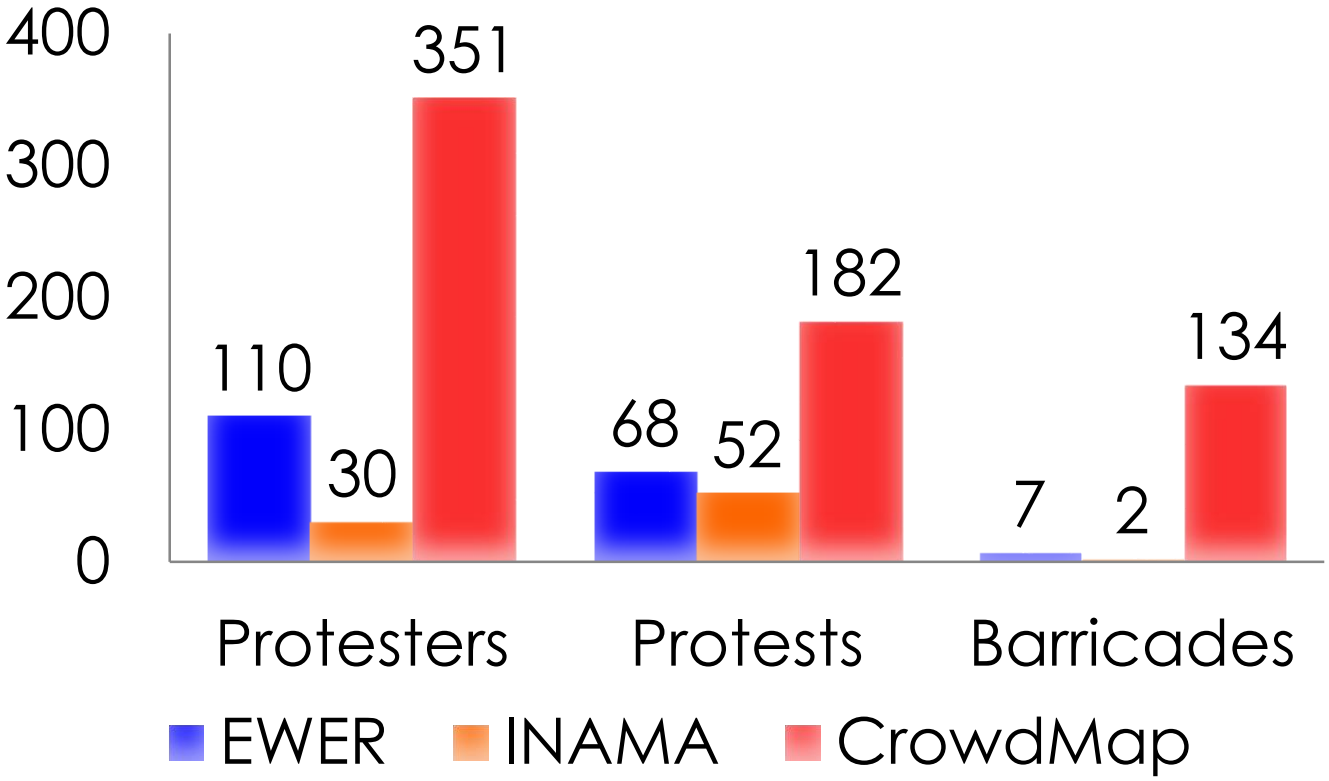
Political Protest in Burundi - 2015

Coding protests example:

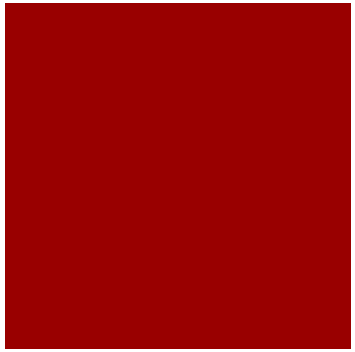
- 140 days of anti-gvt protests?
- 140 days x 3 neighborhoods per day?
- 140 days x 3 neighborhoods x 2 arrests per neighborhood
- 140 days x 3 neighborhoods x 2 arrests & 3 injuries per neighborhood

- 140 data points
- 420 data points
- 840 data points
- 2100 data points

Political Protest in Burundi - 2015



How to map a coup d'état?



How to map a coup d'état?

	EWER
Coup d'état	**0**
Reactions to coup d'état	**3 (0 coded)**

How to map a coup d'état?

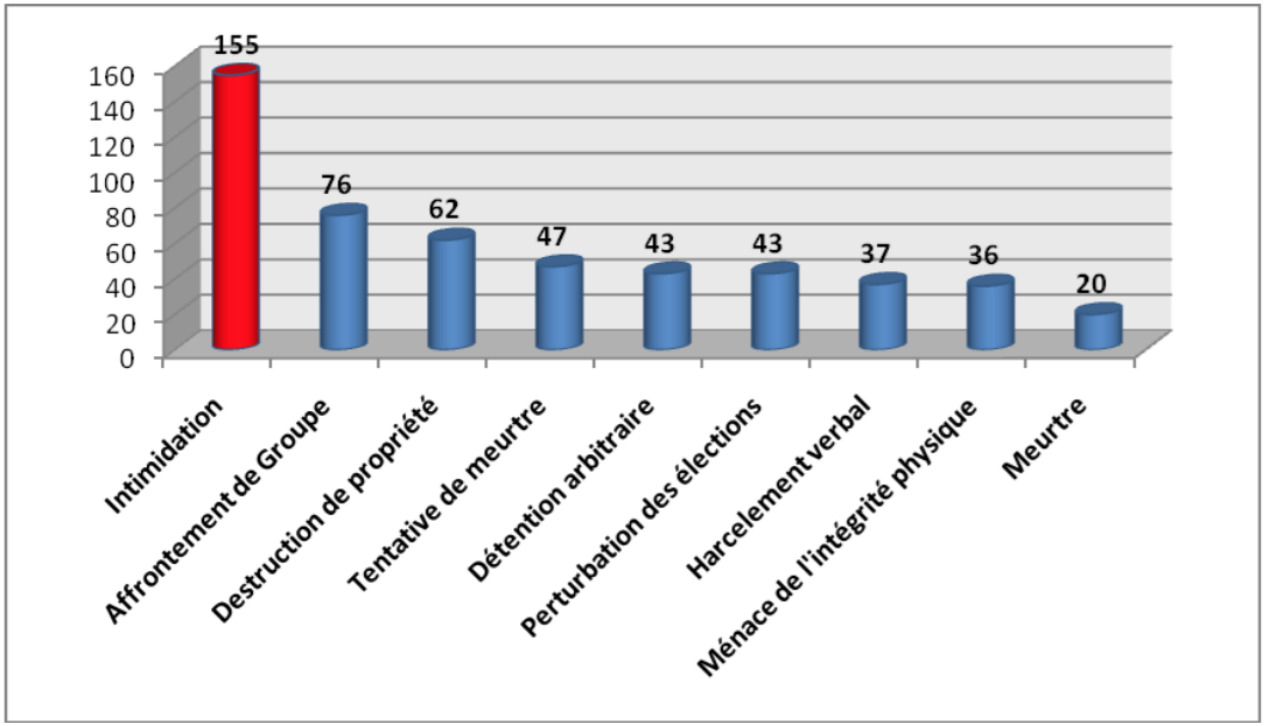
	EWER	INAMA
Coup d'état	**0**	**0**
Reactions to coup d'état	**3 (0 coded)**	**42 (8 coded)**

How to map a coup d'état?

	EWER	INAMA	CROWDMAP
Coup d'état	**0**	**0**	**3**
Reactions to coup d'état	**3 (0 coded)**	**42 (8 coded)**	**0**

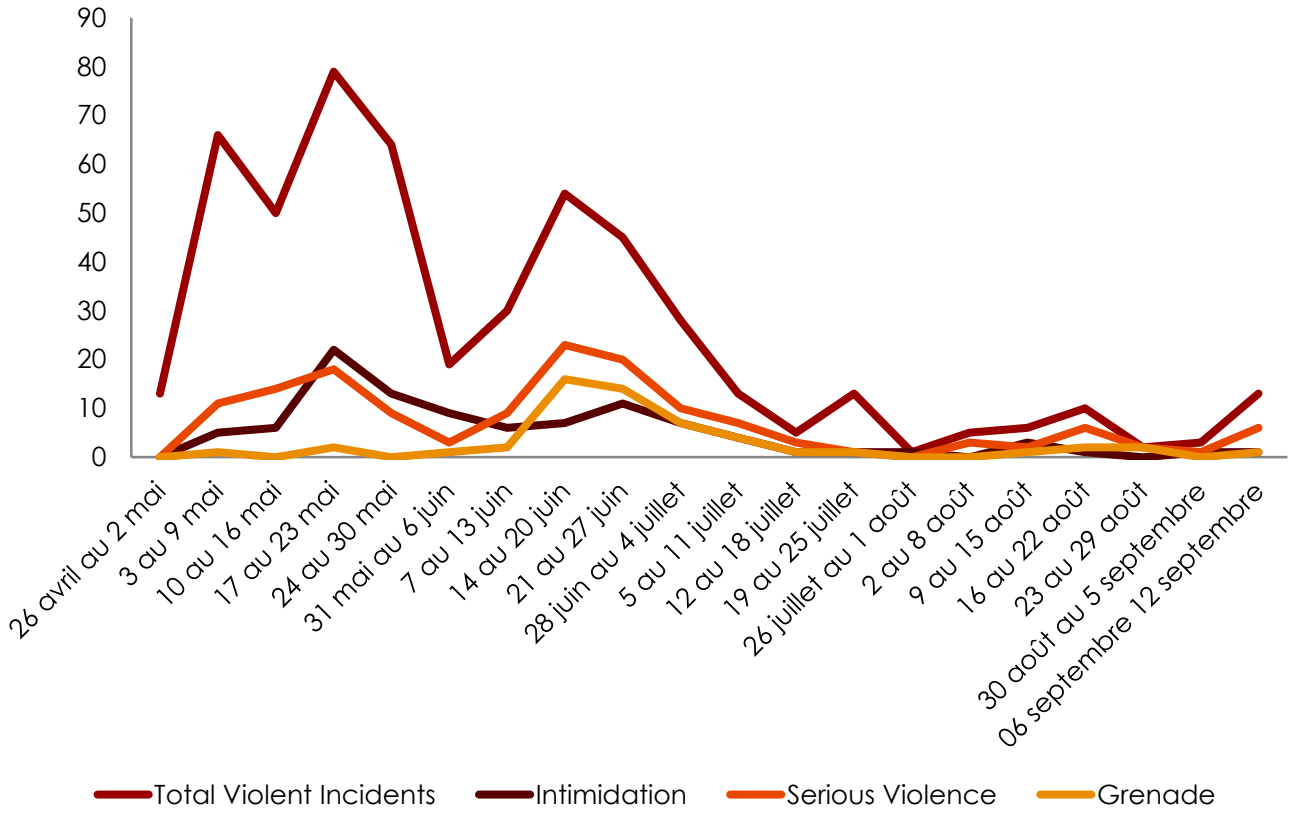
Intimidation

Graphique 1 : Types de violence du 26 avril au 12 septembre (en nombre de cas)



2010 data

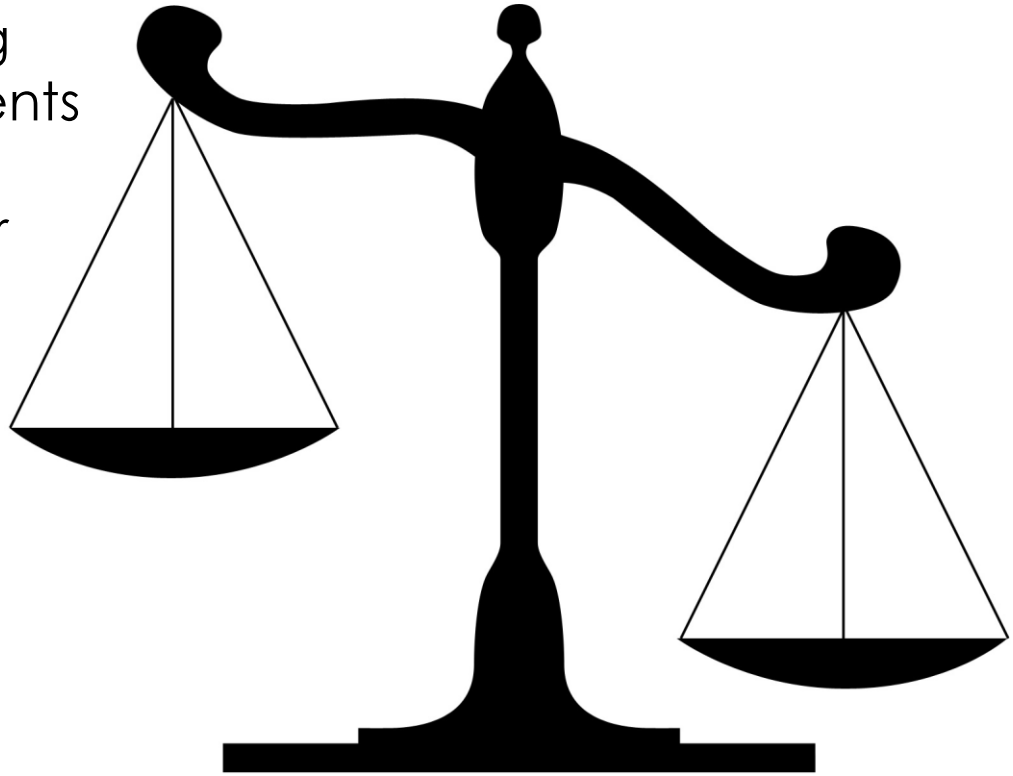
Intimidation



Source: "The Roots of Electoral Violence: Tracing the Path of Electoral Authoritarianism in Burundi". *The Centre for the Study of Democratic Citizenship - Graduate Student Conference*. Quebec City, Quebec. March 25-26, 2011.

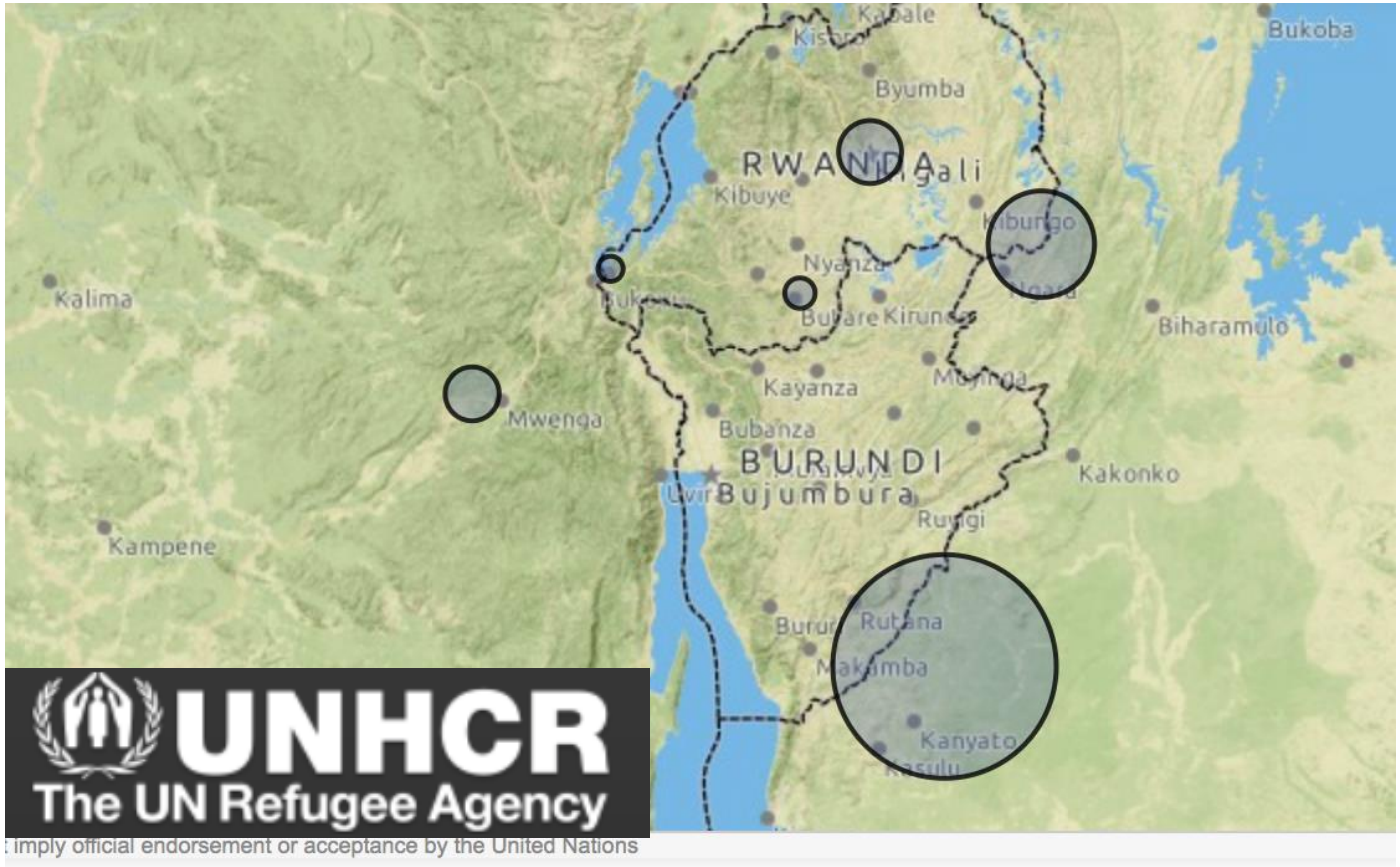
Weighting data

- Bar brawl
- Insulting comments
- Fear-monger rumors



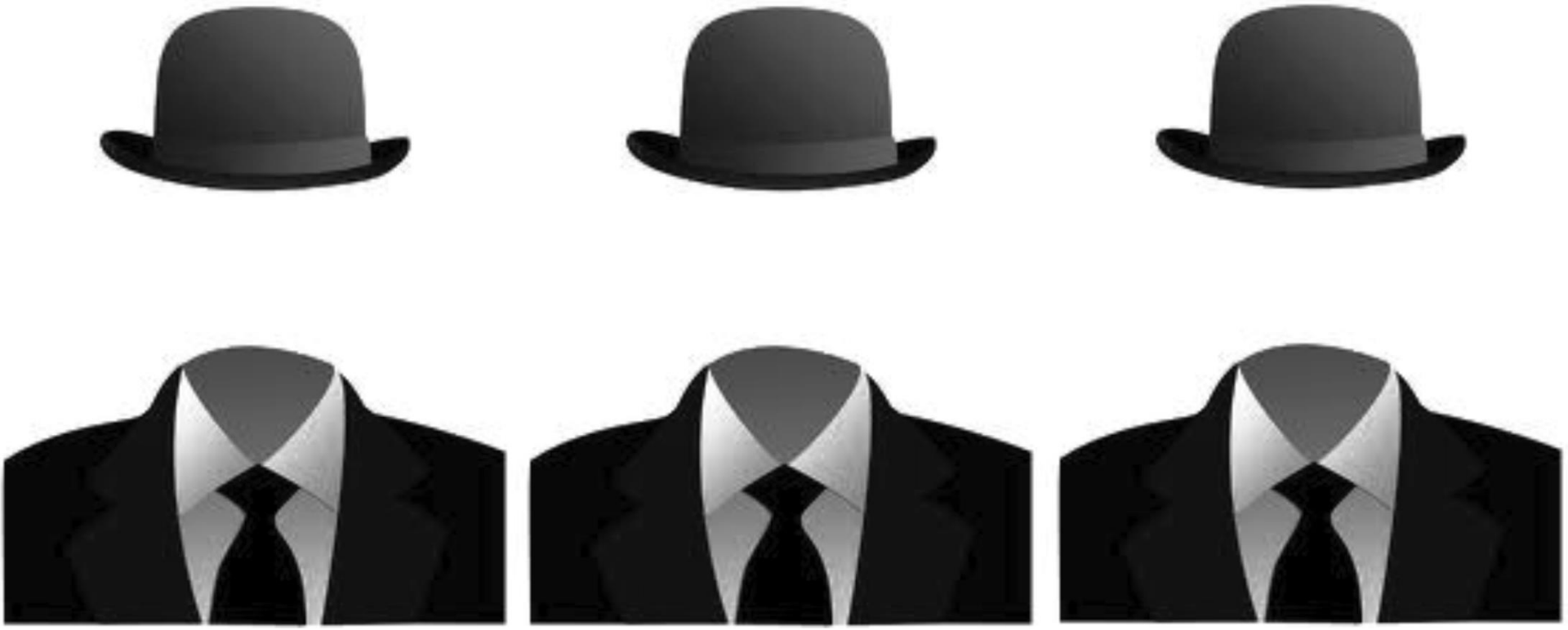
- Coup d'état attempt
- Candidate assassination
- Other murders, heavy artillery attacks, etc

Refugees



Refugees from Burundi: Post-Influx	221,017

Monitor & staff security



Scientific standards

Appropriate technology

Now what?

Adapting the applications of election violence data

Takeaways