

Introducing ICBe: Very High Recall and Precision Event Extraction from Narratives about International Crises

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1 Appendix A Corpus and Cases

1.1 Table A1: ICBe Crises and Summary Information

Figure 1: ICBe Crises Summary Statistics

Crisis	Years	Counts	Coders							
#	Title	Start	End	Sent.	Events	Exp.	Nov.	Actors	Units/Domains	Forces/Fatalities
121	Communism In Czechoslovakia	1948	1948	29	15	3	3			1s
122	Soviet Note To Finland I	1948	1948	12	8	3	0			
123	Berlin Blockade	1948	1949	25	38	3	1			
124	Hyderabad	1948	1948	22	23	3	2			
125	China Civil War	1948	1949	15	22	2	0			
126	Costa Rica-Nicaragua I	1948	1949	18	21	2	0			1ks
127	Indonesia Independence Iii	1948	1949	16	26	3	2			1ks
128	Sinai Incursion	1948	1949	13	22	2	1			10ks; 1s
129	Pushtunistan I	1949	1950	16	14	2	2			10s; 10s
130	Luperon	1949	1949	8	9	2	0			10s; 10s
131	Soviet Bloc-Yugoslavia	1949	1951	13	18	2	2			10ks
132	Korean War I	1950	1950	27	40	2	1			100ks; 100s; 10ks
133	Korean War II	1950	1951	27	54	2	1			100ks; 10ks; 1ks
134	Hula Drainage	1951	1951	27	40	2	1			100s; 10s; 1s; 10s; 15s
135	Punjab War Scare I	1951	1951	21	14	3	0			1ks
136	Suez Canal	1951	1952	16	29	3	2			10s; 100s
137	Catalina Affair	1952	1952	13	10	2	1			1s; 1s
138	Burma Infiltration	1953	1954	28	42	2	3			100s; 1ks
139	Invasion Of Laos I	1953	1953	13	18	2	1			100ks; 10s
140	Korean War Iii	1953	1953	21	29	2	2			100ks; 100s; 10ks
141	East German Uprising	1953	1953	14	15	2	2			
142	Trieste II	1953	1953	14	17	2	2			10ks; 1ks
143	Qibya	1953	1953	13	10	3	0			10s
144	Guatemala	1953	1954	20	22	3	0			100ks; 10ks
145	Dien Bien Phu	1954	1954	42	38	3	2			
146	Taiwan Strait I	1954	1955	24	38	2	2			10ks
147	Costa Rica-Nicaragua II	1955	1955	18	27	2	1			100s; 10s; 1ks
148	Baghdad Pact	1955	1955	18	36	2	3			
149	Gaza Raid-Czechoslovakia Arms	1955	1956	21	28	3	1			10s
150	Pushtunistan II	1955	1955	24	20	2	2			10s; 100s
151	Goa I	1955	1955	18	26	2	1			10s; 100s
152	Suez Nationalization-War	1956	1957	33	54	3	0			
153	Qalqilya	1956	1956	17	23	3	3			
154	Poland Liberalization	1956	1956	21	19	3	0			10ks
155	Hungarian Uprising	1956	1957	18	19	2	1			10ks
156	Mocoron Incident	1957	1957	14	16	2	0			
157	Jordan Regime	1957	1957	16	14	2	3			10s; 1s; 10ks
158	France-Tunisia	1957	1958	24	27	2	2			
159	Syria-Turkey Confrontation	1957	1957	24	45	4	1			10ks
160	Ifni	1957	1958	14	14	2	1			1ks
161	West Irian I	1957	1957	17	23	2	0			1s
162	Formation Of Uar	1958	1958	17	15	2	2			
163	Egypt-Sudan Border I	1958	1958	13	11	1	2			1ks
164	Abortive Coup-Indonesia	1958	1958	27	22	2	1			10ks; 100s; 10s
165	Iraq-Lebanon Upheaval	1958	1958	32	37	3	1			
166	Taiwan Strait II	1958	1958	19	23	2	1			
167	Cambodia-Thailand	1958	1959	16	24	2	2			
168	Berlin Deadline	1958	1959	41	52	3	2			1ks
169	Mexico-Guatemala Fishing Rights	1958	1959	10	7	1	3			1s
170	Central America-Cuba I	1959	1959	31	26	1	2			
171	China-India Border I	1959	1960	19	13	1	1			100s
172	Shatt-Al-Arab I	1959	1960	11	15	2	3			
173	Rottem	1960	1960	14	20	3	0			1ks
174	Ghana-Togo Border I	1960	1960	15	22	3	3			100s; 1ks
175	Failed Assassination-Venezuela	1960	1960	23	41	2	0			10ks; 1s
176	Congo I-Katanga	1960	1962	29	60	2	0			
177	Mali Federation	1960	1960	17	24	2	1			1ks
178	Central America-Cuba II	1960	1960	16	29	2	2			
179	Ethiopia-Somalia	1960	1961	15	16	2	3			1ks
180	Pathet Lao Offensive	1961	1961	24	44	2	1			10ks

Crisis #	Title	Years	Counts	Coders	Units/Domains	Forces/Fatalities		
		Start	End	Sent Events	Exp. Nov.	Actors		
181	Bay Of Pigs	1961	1961	17	38	3 1		10s
182	Pushtunistan Iii	1961	1962	15	16	2 3		1ks
183	Kuwait Independence	1961	1961	18	18	2 1		1ks
184	Bizerta	1961	1961	14	13	2 1	Arab states	10s
185	Berlin Wall	1961	1961	32	44	3 1		100ks; 1ks
186	Vietcong Attack	1961	1961	20	13	3 2		10s
187	West Iran II	1961	1962	16	20	2 2		10s
188	Breakup Of Uar	1961	1961	13	16	2 0		
189	Soviet Note To Finland II	1961	1961	10	9	2 1		
190	Goa II	1961	1961	21	27	2 2		
191	Mali-Mauritania	1962	1963	14	13	2 2		10s; 10s
192	Taiwan Strait III	1962	1962	24	19	2 3		
193	Nam Tha	1962	1962	23	37	2 1		100ks; 100s; 1ks
194	China-India Border II	1962	1963	26	44	2 2		1ks
195	Yemen War I	1962	1963	18	44	2 3		1ks
196	Cuban Missiles	1962	1962	37	49	3 111	Turkey	10s; 10ks; 1ks; 1s
197	Malaysia Federation	1963	1965	23	52	2 5	British; Borneo; International Monetary Fund	
198	Dominican Republic-Haiti II	1963	1963	23	33	2 3		10ks
199	Algeria-Morocco Border	1963	1963	16	24	2 2	Socialist Forces Front	100s
200	Cuba-Venezuela	1963	1963	13	14	2 2		
201	Kenya-Somalia	1963	1964	23	22	3 0		
202	Cyprus I	1963	1964	57	89	2 0		10s; 10ks; 10s; 1s
203	Jordan Waters	1963	1964	13	16	3 2	Soviet Union; United States of America	
204	Dahomey-Niger	1963	1964	14	21	3 1		
205	Burundi-Rwanda	1963	1964	21	26	2 2	Hutsu; Tutsi	1ks
206	Panama Flag	1964	1964	20	19	2 2		
207	East Africa Rebellions	1964	1964	19	28	3 1	The Tanganyika Rifles	
208	Ogaden I	1964	1964	28	35	2 2		
209	Yemen War II	1964	1964	16	21	2 1		
210	Gulf Of Tonkin	1964	1964	31	31	2 1		100s
211	Congo II	1964	1964	28	31	2 2		
212	Yemen War III	1964	1965	26	28	3 1	International Red Cross and Red Crescent Movement	
213	Pleiku	1965	1965	12	15	2 1		10s; 1s; 1s
214	Rann Of Kutch	1965	1965	16	17	3 1		10s
215	Dominican Intervention	1965	1965	24	23	2 1		10ks
216	Kashmir II	1965	1966	28	40	3 0		100s; 1ks
217	Guinea Regime	1965	1965	14	13	2 3		
218	Rhodesia's Udi	1965	1966	30	34	2 0	Commonwealth Heads of Government Meeting	
219	Yemen War IV	1966	1967	32	55	2 1		10ks; 1s
220	El Samu	1966	1966	12	13	3 3		1s
221	Che Guevara-Bolivia	1967	1967	21	29	3 1	Guerrilla; Nancahuazú	10s; 1ks
222	Six Day War	1967	1967	28	49	3 0		1s; 10ks
223	Cyprus II	1967	1967	16	22	2 1		1s
224	Pueblo	1968	1968	28	40	2 2		10ks; 10s
225	Tet Offensive	1968	1968	33	46	2 0		100ks; 10ks
226	Karameh	1968	1968	13	16	3 2	Palestinian fedayeen	1s
227	Prague Spring	1968	1968	42	60	2 2		
228	Essequibo I	1968	1968	16	27	2 1		1s
229	Beirut Airport	1968	1969	17	24	3 2	Catholic Church; international community	1s; 1s
230	Vietnam Spring Offensive	1969	1969	29	37	2 0		100ks; 10ks
231	Ussuri River	1969	1969	32	28	2 3		100s; 1s
232	War Of Attrition	1969	1970	25	24	2 1		100s; 10s; 1ks
233	Ec-121 Spy Plane	1969	1969	12	13	3 1		10s; 10s; 1ks; 1s
234	Shatt-Al-Arab II	1969	1969	24	29	3 1		
235	Football War	1969	1969	24	35	2 2		100s; 1ks
236	Cairo Agreement-Plo	1969	1969	12	10	3 1		
237	Invasion Of Cambodia	1970	1970	33	44	2 1		10ks; 1ks
238	Black September	1970	1970	31	51	2 2		10ks; 1ks
239	Cienfuegos Submarine Base	1970	1970	20	24	3 2		
240	Conakry Raid	1970	1970	22	42	3 1		100s

Crisis #	Title	Years Start	Years End	Counts Sent	Events Exp.	Nov.	Actors	Units/Domains	Forces/Fatalities
241	Invasion Of Laos II	1971	1971	24	29	3	1		1ks
242	Bangladesh	1971	1971	28	43	3	2		
243	Chad-Libya I	1971	1972	14	21	2	2		
244	Caprivi Strip	1971	1971	10	9	2	3		
245	Tanzania-Uganda I	1971	1971	20	16	3	1		
246	Vietnam Ports Mining	1972	1972	20	29	2	3		
247	Tanzania-Uganda II	1972	1972	12	13	2	3		100s; 1ks
248	North-South Yemen I	1972	1972	19	35	2	0		100s; 1ks
249	Christmas Bombing	1972	1973	16	25	3	1		100s; 10s
250	Zambia Raid	1973	1973	12	12	2	2		1s
251	Libyan Plane	1973	1973	18	15	2	2		100s; 10s; 1s
252	Iraq Invasion-Kuwait	1973	1973	19	23	3	1		1ks
253	Israel Mobilization	1973	1973	19	21	3	1		Council of Europe
254	Cod War I	1973	1973	19	16	2	2		10s
255	October-Yom Kippur War	1973	1974	55	82	2	1		100s; 10s; 1s; 100s; 10s; 10ks; 10s; 1ks; 1s
256	Oman-South Yemen	1973	1976	29	30	3	5		10s
257	Cyprus Iii	1974	1975	41	48	2	0		100s; 1ks; 10ks; 1s
258	Final North Vietnam Offensive	1974	1975	18	26	2	2		100ks
259	Mayaguez	1975	1975	17	19	3	1		
260	War In Angola I	1975	1976	70	89	2	1		100s; 10s
261	Moroccan March	1975	1976	53	80	2	1		1s; 100ks; 1s
262	Belize I	1975	1975	18	23	2	0		10s
263	Cod War II	1975	1976	16	26	2	0		1s; 100s
264	East Timor I	1975	1976	29	32	3	1		1ks
265	Lebanon Civil War	1976	1976	31	47	2	1		10ks; 1ks
266	Uganda Claims	1976	1976	21	26	2	0		
267	Operation Thrasher	1976	1976	26	35	2	3		10s
268	Nouakchott I	1976	1976	7	5	2	0		100s; 1s; 100s
269	Iraqi Threat	1976	1976	11	11	2	1		10ks
270	Entebbe Raid	1976	1976	20	22	2	0		Popular Front for the Liberation of Palestine - External Operations; Red Army Faction; 10s; 1s
271	Sudan Coup Attempt	1976	1976	19	26	2	0		
272	Aegean Sea I	1976	1976	18	25	2	2		100ks; 1s
273	Nagomia Raid	1976	1976	16	21	2	0		100s
274	Poplar Tree	1976	1976	35	34	2	1		1s; 100ks; 10s
275	Syria Mobilization	1976	1976	13	16	2	0		Arab states; Lebanese National Movement
276	Operation Tangent	1976	1977	16	21	2	3		
277	Shaba I	1977	1977	23	29	2	0		1ks
278	Mapai Seizure	1977	1977	15	15	2	2		international community
279	Belize II	1977	1977	19	27	2	2		
280	Nouakchott II	1977	1977	14	15	2	3		10ks; 1s
281	Egypt-Libya Clashes	1977	1977	15	27	2	1		1s
282	Ogaden II	1977	1978	26	42	2	1		Western; Somali Liberation Front; 1ks
283	Rhodesia Raid	1977	1978	25	24	2	3		10s; 100s
284	Vietnam Invasion Of Cambodia	1977	1979	64	76	2	2		Norodom Sihanouk; 10ks; 100ks; 10s
285	French Hostages Mauritania	1977	1977	28	28	2	0		1s; 100s; 10s; 1ks
286	Chimoio-Tembue Raids	1977	1978	18	15	2	1		1ks
287	Beagle Channel I	1977	1978	22	33	2	1		
288	Chad-Libya II	1978	1978	20	40	2	1		100s; 1ks; 1ks
289	Litani Operation	1978	1978	15	20	2	2		10s; 1s
290	Chad-Libya III	1978	1978	14	24	2	0		100s; 1ks
291	Cassinga Incident	1978	1978	26	21	3	2		1ks; 100s
292	Shaba II	1978	1978	31	34	3	0		Front for the National Liberation of the Congo
293	Air Rhodesia Incident	1978	1978	23	24	2	3		100s; 10s
294	Nicaragua Civil War II	1978	1979	43	66	2	3		100s; 1ks; 1s
295	Beagle Channel II	1978	1979	23	34	2	1		10ks
296	Fall Of Amin	1978	1979	34	54	2	1		1ks
297	Angola Invasion Scare	1978	1978	12	19	3	1		1ks
298	Sino-Vietnam War	1978	1979	26	26	2	1		ASEAN; 100ks
299	Tan Tan	1979	1979	22	12	3	0		
300	Raids On Zipra	1979	1979	15	16	2	1		

Crisis #	Title	Years		Counts		Coders	Units/Domains	Forces/Fatalities
		Start	End	Sent.	Events			
301	North-South Yemen II	1979	1979	25	54	2	1	
302	Raids On Swapo	1979	1979	14	12	2	1	
303	Afghanistan Invasion	1979	1980	42	40	2	1	1ks
304	Chad-Libya IV	1979	1979	24	38	2	4	1ks
305	Goulimime-Tarfaya Road	1979	1979	27	25	2	1	10s
306	Soviet Threat-Pakistan	1979	1979	21	24	2	3	10s
307	Rhodesia Settlement	1979	1980	44	52	2	0	10s
308	Raid On Angola	1979	1979	13	11	2	0	10s
309	Us Hostages In Iran	1979	1981	56	72	2	2	10s; 10s
310	Colombia-Nicaragua	1979	1981	27	26	2	0	10s; 10s
311	Raid On Gafsa	1980	1980	33	43	2	2	1ks; 1s
312	Operation Iman	1980	1980	19	22	2	1	10s; 1ks
313	Operation Smokeshell	1980	1980	16	18	2	0	
314	Libya Threat-Sadat	1980	1980	24	24	2	2	
315	Solidarity	1980	1981	32	22	3	2	
316	Libya-Malta Oil Dispute	1980	1980	25	22	2	1	100s
317	Onset Iran-Iraq War	1980	1980	38	34	2	3	10s
318	Libya Intervention In The Gambia	1980	1980	20	17	2	5	100s
319	Jordan-Syria Confrontation	1980	1980	19	12	2	1	10ks
320	East Africa Confrontation	1980	1981	10	13	2	1	100s; 10ks
321	Chad-Libya V	1981	1981	34	57	2	2	1ks
322	Ecuador-Peru Border III	1981	1981	26	39	2	1	1s
323	Mozambique Raid	1981	1981	12	8	3	0	10s
324	Iraq Nuclear Reactor	1981	1981	21	18	2	0	10s
325	Essequibo II	1981	1983	26	31	2	2	10s; 1s
326	Contras I	1981	1981	22	20	2	2	10s; 1s
327	Al-Biqa Missiles I	1981	1981	19	21	2	1	1s; 1s
328	Cameroon-Nigeria I	1981	1981	20	25	2	0	1s; 10s
329	Coup Attempt In The Gambia	1981	1982	16	16	2	1	100s; 1ks
330	Gulf Of Syrte I	1981	1981	17	15	3	1	1s
331	Operation Protea	1981	1981	20	30	2	1	100s; 10ks
332	Galtat Zemmour I	1981	1981	23	26	2	3	10s; 1ks
333	U-137 Incident	1981	1981	29	29	2	1	1s
334	Coup Attempt In Bahrain	1981	1982	18	22	2	3	
335	Khorramshahr	1982	1982	40	38	2	2	
336	Falklands/Malvinas	1982	1982	50	50	2	1	100s; 100ks; 10ks; 1s
337	War In Lebanon	1982	1983	45	57	2	2	10s; 100s; 10ks; 1s
338	Ogaden III	1982	1982	12	19	2	2	
339	Lesotho Raid	1982	1982	15	17	2	0	10s
340	Libya Threat To Sudan	1983	1983	25	29	2	0	10ks; 1ks; 1s
341	Chad-Nigeria Clashes	1983	1983	18	18	3	2	10s
342	Chad-Libya VI	1983	1984	37	55	2	3	10s; 100s; 1ks; 1s
343	Invasion Of Grenada	1983	1983	42	35	2	1	100s; 10ks; 10s; 10ks; 1s
344	Able Archer 83	1983	1983	27	25	2	1	100s; 100ks; 100s; 100ks; 10s; 1s
345	Maitengwe Clashes	1983	1983	13	17	2	1	
346	Ethiopia-Sudan Tension	1983	1984	16	17	2	3	100s; 1ks
347	Operation Askari	1983	1984	23	35	2	1	
348	Basra-Khang Island	1984	1984	43	34	3	1	
349	Aegean Sea II	1984	1984	15	18	2	1	100s
350	Omdurman Bombing	1984	1984	17	19	2	2	1s
351	Vietnam Incursion Into Thailand	1984	1984	15	13	2	1	
352	Sino-Vietnam Clashes	1984	1984	19	32	2	3	100s; 100s
353	Three Village Border I	1984	1984	25	16	2	2	
354	Nicaragua Mig-21s	1984	1984	25	22	2	0	1s
355	Botswana Raid	1985	1985	16	24	2	1	
356	Expulsion Of Tunisians	1985	1985	21	19	2	1	
357	Al-Biqa Missiles II	1985	1986	15	19	2	1	10s; 10s; 1s
358	Egypt Air Hijacking	1985	1985	26	19	2	1	10s
359	Burkina Faso-Mali Border	1985	1986	15	17	2	1	100s
360	South Africa Raid On Lesotho	1985	1986	18	16	2	1	1s

Crisis #	Title	Years Start	Years End	Counts Sent	Events Exp.	Nov.	Actors	Units/Domains	Forces/Fatalities
361	Capture Of Al-Faw	1986	1986	33	23	2	2		10ks
362	Chad-Libya VII	1986	1986	22	32	2	0		10s
363	Gulf Of Syrite II	1986	1986	36	54	2	2		100s; 10ks; 1s
364	Al-Dibal Incident	1986	1986	15	20	2	1		1s
365	South Africa Cross Border Raid	1986	1986	16	24	2	0		100ks; 100s
366	Rebel Attack On Uganda	1986	1987	21	27	2	0		100ks; 100s
367	Mozambique Ultimatum	1986	1986	13	19	2	2		100s
368	Attempted Coup In Togo	1986	1987	29	27	2	1		100s
369	Contras II	1986	1986	21	26	2	1		1s; 1ks
370	Chad-Libya VIII	1986	1987	46	75	2	1		100s; 10s; 1ks; 1s
371	Sino-Vietnam Border	1987	1987	17	22	2	1		100s; 10ks; 100s
372	Punjab War Scare II	1987	1987	31	41	3	1		100s
373	Todghere Incident	1987	1987	14	22	2	1		10s
374	Syria Intervention In Lebanon	1987	1987	25	40	2	4		10s; 100s
375	Sand Wall	1987	1987	34	41	2	2		10s; 1s
376	Aegean Sea III	1987	1987	31	31	2	2		10s; 1s
377	Cameroon-Nigeria II	1987	1987	12	8	2	0		1s
378	India Intervention In Sri Lanka	1987	1987	40	42	2	0		1s
379	Mecca Pilgrimage	1987	1987	29	50	2	1		10ks
380	South Africa Intervention In Angola	1987	1988	40	29	2	0		10ks
381	Three Village Border II	1987	1988	17	24	2	0		1s; 10s
382	Kenya-Uganda Border	1987	1987	13	15	2	1		10s
383	Contras III	1988	1988	19	24	2	2		1ks
384	Spratly Islands I	1988	1988	50	38	2	0		1s
385	Iraq Recapture Of Al-Faw	1988	1988	34	30	2	0		100s; 1s; 1s
386	Libyan Jets	1988	1989	13	20	2	1		10s; 1ks; 1s
387	Mauritania-Senegal	1989	1991	21	21	2	2		10s
388	Cambodia Peace Conference	1989	1990	22	39	2	0		100s; 10ks; 100s
389	Contras IV	1989	1989	21	23	2	2		10s; 100s
390	Galtat Zemmour II	1989	1989	31	35	2	1		1s
391	Invasion Of Panama	1989	1990	36	36	2	1		1s; 10s; 1s
392	Kashmir III-Nuclear Confrontation	1990	1990	31	45	3	1		10s; 1s
393	Gulf War	1990	1991	86	111	2	2		100s; 100ks; 10ks
394	Rwanda-Uganda	1990	1991	25	42	2	1		100s; 1ks
395	Liberia-Sierra Leone	1991	1991	28	34	2	2		10s; 1ks
396	Ghana-Togo Border II	1991	1991	10	11	2	1		10s
398	Bubian	1991	1991	10	9	2	2		10s
399	Foreign Intervention In Zaire	1991	1991	24	26	2	2		10s; 1s
400	Ecuador-Peru Border IV	1991	1991	19	19	2	0		10s; 1s
401	Nagornyy-Karabakh	1991	1992	40	54	2	2		10s
402	Egypt-Sudan Border II	1992	1992	32	25	2	1		1s
404	Papua New Guinea-Solomon	1992	1992	19	22	2	3		10s
405	Sleeping Dog Hill	1992	1992	14	16	2	2		10s
406	Iraq No-Fly Zone	1992	1992	37	46	2	1		10s; 1s
407	Georgia-Abkhazia	1992	1993	67	80	2	1		1s
408	North Korea Nuclear I	1993	1994	84	71	2	0		1s
409	Operation Accountability	1993	1993	28	30	2	3		10s; 10s; 1s
410	Cameroon-Nigeria III	1993	1994	33	43	2	3		10s; 1s
411	Haiti Military Regime	1994	1994	33	40	2	0		100ks; 10ks
412	Iraq Troop Deployment-Kuwait	1994	1994	48	64	2	2		100ks; 100s; 10ks; 1ks
413	Ecuador-Peru V	1995	1995	21	21	2	0		1s
414	Spratly Islands II	1995	1995	14	13	2	2		1s
415	Taiwan Strait IV	1995	1996	27	26	2	1		10s
416	Red Sea Islands	1995	1995	23	30	2	2		Permanent Court of Arbitration
417	Aegean Sea IV	1996	1996	31	39	2	2		1s; 10s; 1s
418	Operation Grapes Of Wrath	1996	1996	38	55	2	3		100s; 10s; 10s
419	Desert Strike	1996	1996	31	30	2	0		1s; 10ks
420	North Korean Submarine	1996	1996	31	37	2	1		100s; 10s

Crisis #	Title	Years Start	Years End	Counts Sent	Events Exp.	Nov.	Coders Actors	Units/Domains	Forces/Fatalities
421	Zaire Civil War	1996	1997	55	73	2	2	Alliance of Congo;Banyamulenge;Hutu;Interahamwe;Tutsi	1ks; 100s; 1ks
422	Unscos I	1997	1998	32	41	2	2		
423	Cyprus-Turkey Missile Crisis	1998	1998	20	23	2	4		
424	Ethiopia-Eritrea	1998	2000	33	56	2	1		1ks
425	India-Pakistan Nuclear Tests	1998	1998	24	25	3	1	G8	
426	Drc Civil War	1998	2002	40	52	3	0	Hutu	
427	Us Embassy Bombings	1998	1998	25	30	2	1		100s; 10s;
428	Syria-Turkey	1998	1998	24	36	2	1		1s
429	Unscos II Operation Desert Fox	1998	1998	31	35	2	2		
430	Kosovo	1999	1999	33	35	2	0		1s
431	Kashmir Iv Kargil	1999	1999	19	28	2	0		1s
432	East Timor II	1999	1999	26	24	3	2	Pro-Indonesia militia	1s; 10s
433	Caspian Sea	2001	2001	17	21	2	0	BP;petroleum industry	
434	Afghanistan-Usa	2001	2001	43	34	2	1		10s
435	Indian Parliament Attack	2001	2002	16	18	2	3		10s; 1s; 1s
436	Kaluchak	2002	2002	30	30	3	3		10s; 10s
437	Myanmar-Thailand	2002	2002	17	26	4	3	Shan State Army	10s; 100s
438	Parsley Island	2002	2002	16	25	2	0		1s; 100s; 1s
439	Pankisi Gorge	2002	2002	29	31	2	0		1s; 100s; 1s
440	Iraq Regime Change	2002	2003	67	62	2	0		100s; 10s; 10s
441	North Korea Nuclear II	2002	2004	48	35	2	1		
442	Iran Nuclear I	2003	2004	38	24	2	0		
443	Haifa Suicide Bombing	2003	2003	37	25	1	1	international community	
444	Drc-Rwanda	2004	2004	40	51	2	0	Hutu;Rally for Congolese Democracy;Tutsi	10ks; 1ks
445	South Ossetia-Abkhazia	2004	2004	27	27	2	3		100s
446	Ethiopia-Eritrea II	2005	2006	48	55	2	2		
447	Chad-Sudan I	2005	2006	31	37	2	6		100s; 1s
448	Iran Nuclear II	2006	2007	65	29	2	1		
449	Chad-Sudan II	2006	2006	56	72	2	2	United Front for Democratic Change	
450	North Korea Nuclear III	2006	2007	74	73	2	2	Banco Delta Asia;Daedong Credit Bank	1s
452	Ethiopia Invasion Somalia	2006	2007	60	108	2	1	Intergovernmental Authority on Development;international community	100s; 1ks; 1s
453	Chad-Sudan III	2007	2007	55	27	1	2	Janjaweed	100s; 10s; 100s
454	Ethiopia-Eritrea III	2007	2007	30	45	2	2	Algiers	100ks
455	Chad-Sudan IV1	2007	2008	59	108	2	0	Rally of Democratic Forces;Union of Forces for Democracy and Development;Union of Forces for Democracy and Development-Fundamental	1s; 10s; 1s
456	Djibouti-Eritrea1	2008	2008	29	44	2	0		10s
457	Preah Vihear Temple I1	2008	2009	37	55	2	0	ASEAN	1s; 100s; 1s
458	Russo-Georgian War1	2008	2008	32	27	2	0		10s; 1ks
460	Chad-Sudan V1	2009	2010	42	38	2	0	Forces;Union of Forces for Democracy and Development;Union of Forces for Democracy and Development-Fundamental;Union of Resistance Forces	100s; 1ks
461	Cheonan Sinking1	2010	2010	40	44	2	0		10s; 100s; 1ks
462	Yeonpyeong Island1	2010	2011	44	73	2	0		100ks; 100s; 1ks
463	Preah Vihear Temple II1	2011	2011	41	59	2	0	ASEAN	
464	Libyan Civil War1	2011	2011	78	63	2	0	Human Rights Watch;international community	1ks
465	Cote D'ivoire Presidential Crisis1	2011	2011	41	35	2	0		100s
466	Sudan-South Sudan1	2011	2012	54	47	2	0	international community;spin;السودان الجنوبي	1s
467	Scarborough Shoal1	2012	2012	51	40	2	0	ASEAN;international Tribunal for the Law of the Sea;Permanent Court of Arbitration	100s; 10s; 1s
468	Syria-Turkey Border Incidents1	2012	2012	29	28	2	0		1s; 100s; 1s
469	North Korea Nuclear V1	2013	2013	64	70	2	0	international community	100s; 1ks
470	Syria Chemical Weapons1	2013	2013	49	42	2	0	International community;Organisation for the Prohibition of Chemical Weapons	100s; 1ks
471	Crimea-Donbass1	2014	2015	83	93	2	0	dpr/pr;G8;Trilateral Contact Group on Ukraine	100s; 10s; 1s
472	Chinese Oil Rig1	2014	2014	41	42	2	0	ASEAN	100s; 10s; 1s
473	India-Pakistan Border Firing1	2014	2014	30	24	2	0		10s; 10s; 1s
475	Korean Land Mine1	2015	2015	33	34	2	0		100s; 10ks; 1s
476	Turkey-Russia Jet Incident1	2015	2016	82	126	2	0		1s; 100s; 1s

1.2 Table A2: Verb Meanings (Glosses) found in the ICB Corpus (top 200)

uses	Lemma	Gloss
381	end	bring to an end or halt "She ended their friendship when she found out that he had once been convicted of a crime" "The attack on Poland terminated the relatively peaceful period after WW I"
365	trigger	release or pull the trigger on "Trigger a gun"
323	involve	engage as a participant "Dont involve me in your family affairs"
309	begin	have a beginning, of a temporal event "WW II began in 1939 when Hitler marched into Poland" "The companys Asia tour begins next month"
278	trigger	put in motion or move to act "trigger a reaction" "actuate the circuits"
260	announce	announce publicly or officially "The President declared war"
236	respond	respond favorably or as hoped "The cancer responded to the aggressive therapy"
212	call	call a meeting invite or command to meet "The Wannsee Conference was called to discuss the Final Solution" "The new dean calls meetings every week"
194	occur	come to pass "What is happening" "The meeting took place off without an incidence" "Nothing occurred that seemed important"
194	sign	approve and express assent, responsibility, or obligation "All parties ratified the peace treaty" "Have you signed your contract yet"
185	terminate	bring to an end or halt "She ended their friendship when she found out that he had once been convicted of a crime" "The attack on Poland terminated the relatively peaceful period after WW I"
178	begin	set in motion, cause to start "The U.S. started a war in the Middle East" "The Iraqis began hostilities" "begin a new chapter in your life"
160	meet	come together "Ill probably see you at the meeting" "How nice to see you again"
146	send	to cause or order to be taken, directed, or transmitted to another place "He had sent the dispatches downtown to the proper people and had slept"
145	occupy	march aggressively into anothers territory by military force for the purposes of conquest and occupation "Hitler invaded Poland on September 1, 1939"
135	be	happen, occur, take place "I lost my wallet this was during the visit to my parents house" "There were two hundred people at his funeral" "There was a lot of noise in the kitchen"
128	perceive	become conscious of "She finally perceived the futility of her protest"
126	become	undergo a change or development "The water turned into ice" "Her former friend became her worst enemy" "He turned traitor"
125	condemn	express strong disapproval of "We condemn the racism in South Africa" "These ideas were reprobated"
125	take	take by force "Hitler took the Baltic Republics" "The army took the fort on the hill"
124	escalate	increase in extent or intensity "The Allies escalated the bombing"
119	reject	refuse to accept or acknowledge "I reject the idea of starting a war" "The journal rejected the students paper"
117	respond	react verbally "She didnt want to answer" "answer the question" "We answered that we would accept the invitation"
116	demand	request urgently and forcefully "The victims family is demanding compensation" "The boss demanded that he be fired immediately" "She demanded to see the manager"
112	be	to remain unmolested, undisturbed, or uninterrupted used only in infinitive form "let her be"
111	agree	be in accord be in agreement "We agreed on the terms of the settlement" "I cant agree with you" "I hold with those who say life is sacred" "Both philosophers concord on this point"
110	reach	be in or establish communication with "Our advertisements reach millions" "He never contacted his children after he emigrated to Australia"
106	withdraw	pull back or move away or backward "The enemy withdrew" "The limo pulled away from the curb"
105	accuse	blame for, make a claim of wrongdoing or misbehavior against "he charged the director with indifference"
105	dispute	have a disagreement over something "We quarreled over the question as to who discovered America" "These two fellows are always scrapping over something"
105	fight	be engaged in a fight carry on a fight "the tribesmen fought each other" "Siblings are always fighting" "Militant groups are contending for control of the country"
102	continue	continue talking "I know its hard, he continued, but there is no choice" "carry onpretend we are not in the room"
100	include	consider as part of something "I include you in the list of culprits"
99	remain	be left of persons, questions, problems, results, evidence, etc. "There remains the question of who pulled the trigger" "Carter remains the only President in recent history under whose Presidency the U.S. did not fight a war"
98	experience	undergo or live through a difficult experience "We had many trials to go through" "he saw action in Viet Nam"
97	attempt	make an effort or attempt "He tried to shake off his fears" "The infant had essayed a few wobbly steps" "The police attempted to stop the thief" "He sought to improve himself" "She always seeks to do good in the world"
94	increase	make bigger or more "The boss finally increased her salary" "The university increased the number of students it admitted"
94	mediate	act between parties with a view to reconciling differences "He interceded in the family dispute" "He mediated a settlement"
94	threaten	to utter intentions of injury or punishment against "He threatened me when I tried to call the police"
93	request	inquire for information "I requested information from the secretary"
92	withdraw	make a retreat from an earlier commitment or activity "Well have to crawfish out from meeting with him" "He backed out of his earlier promise" "The aggressive investment company pulled in its horns"
91	hold	stop dealing with "hold all calls to the Presidents office while he is in a meeting"
90	invade	march aggressively into anothers territory by military force for the purposes of conquest and occupation "Hitler invaded Poland on September 1, 1939"
87	send	cause to go somewhere "The explosion sent the car flying in the air" "She sent her children to camp" "He directed all his energies into his dissertation"
86	launch	begin with vigor "He launched into a long diatribe" "She plunged into a dangerous adventure"
84	report	announce as the result of an investigation or experience or finding "Dozens of incidents of wife beatings are reported daily in this city" "The team reported significant advances in their research"
84	see	perceive or be contemporaneous with "We found Republicans winning the offices" "Youll see a lot of cheating in this school" "The 1960s saw the rebellion of the younger generation against established traditions" "I want to see results"
81	perceive	to become aware of through the senses "I could perceive the ship coming over the horizon"
80	accuse	bring an accusation against level a charge against "The neighbors accused the man of spousal abuse"
77	attack	launch an attack or assault or begin hostilities or start warfare with "Hitler attacked Poland on September 1, 1939 and started World War II" "Serbian forces assailed Bosnian towns all week"
77	dispatch	kill without delay "the traitor was dispatched by the conspirators"
77	end	put an end to "The terrible news ended our hopes that he had survived"
74	declare	announce publicly or officially "The President declared war"
74	discuss	speak with others about something talk something over in detail have a discussion "We discussed our household budget"
74	follow	keep under surveillance "The police had been following him for weeks but they could not prove his involvement in the bombing"
73	lead	tend to or result in "This remark lead to further arguments among the guests"
73	remain	stay behind "The smell stayed in the room" "The hostility remained long after they made up"

uses	Lemma	Gloss
72	propose	present for consideration, examination, criticism, etc. "He proposed a new plan for dealing with terrorism" "She proposed a new theory of relativity" "The candidate projects himself as a moderate and a reformer"
72	recognize	accept someone to be what is claimed or accept his power and authority "The Crown Prince was acknowledged as the true heir to the throne" "We do not recognize your gods"
70	capture	take possession of by force, as after an invasion "the invaders seized the land and property of the inhabitants" "The army seized the town" "The militia captured the castle"
70	deny	deny formally an allegation of fact by the opposing party in a legal suit
69	continue	exist over a prolonged period of time "The bad weather continued for two more weeks"
69	issue	bring out an official document such as a warrant
67	declare	proclaim ones support, sympathy, or opinion for or against "His wife declared at once for moving to the West Coast"
66	lead	stretch out over a distance, space, time, or scope run or extend between two points or beyond a certain point "Service runs all the way to Cranbury" "His knowledge doesn't go very far" "My memory extends back to my fourth year of life" "The facts extend beyond a consideration of her personal assets"
65	renew	reestablish on a new, usually improved, basis or make new or like new "We renewed our friendship after a hiatus of twenty years" "They renewed their membership"
64	achieve	to gain with effort "she achieved her goal despite setbacks"
63	provide	determine what is to happen in certain contingencies, especially by including a proviso condition or stipulation "The will provides that each child should receive half of the money" "The Constitution provides for the right to free speech"
61	appeal	take a court case to a higher court for review "He was found guilty but appealed immediately"
61	seek	make an effort or attempt "He tried to shake off his fears" "The infant had essayed a few wobbly steps" "The police attempted to stop the thief" "He sought to improve himself" "She always seeks to do good in the world"
60	attack	take the initiative and go on the offensive "The Serbs attacked the village at night" "The visiting team started to attack"
60	pass	go unchallenged be approved "The bill cleared the House"
59	agree	achieve harmony of opinion, feeling, or purpose "No two of my colleagues would agree on whom to elect chairman"
59	last	persist for a specified period of time "The bad weather lasted for three days"
58	claim	demand as being ones due or property assert ones right or title to "He claimed his suitcases at the airline counter" "Mr. Smith claims special tax exemptions because he is a foreign resident"
57	establish	bring about "The trompe l'oeil illusion establishes depth"
57	inform	impart knowledge of some fact, state of affairs, or event to "I informed him of his rights"
57	warn	notify, usually in advance "I warned you that I would ask some difficult questions"
56	offer	threaten to do something "I offered to leave the committee if they did not accept my proposal"
56	restore	bring back into original existence, use, function, or position "restore law and order" "reestablish peace in the region" "restore the emperor to the throne"
55	create	make or cause to be or to become "make a mess in ones office" "create a furor"
55	issue	circulate or distribute or equip with "issue a new uniform to the children" "supply blankets for the beds"
55	prevent	keep from happening or arising make impossible "My sense of tact forbids an honest answer" "Your role in the projects precludes your involvement in the competitive project"
55	support	argue or speak in defense of "She supported the motion to strike"
54	cross	travel across or pass over "The caravan covered almost 100 miles each day"
54	include	allow participation in or the right to be part of permit to exercise the rights, functions, and responsibilities of "admit someone to the profession" "She was admitted to the New Jersey Bar"
54	urge	push for something "The travel agent recommended strongly that we not travel on Thanksgiving Day"
53	agree	consent or assent to a condition, or agree to do something "She agreed to all my conditions" "He agreed to leave her alone"
53	continue	do something repeatedly and showing no intention to stop "We continued our research into the cause of the illness" "The landlord persists in asking us to move"
53	send	transfer "The spy sent the classified information off to Russia"
53	support	be behind approve of "He plumped for the Labor Party" "I backed Kennedy in 1960"
52	erupt	erupt or intensify suddenly "Unrest erupted in the country" "Tempers flared at the meeting" "The crowd erupted into a burst of patriotism"
52	resolve	reach a conclusion after a discussion or deliberation
52	view	deem to be "She views this quite differently from me" "I consider her to be shallow" "I don't see the situation quite as negatively as you do"
50	occur	to be found to exist "sexism occurs in many workplaces" "precious stones occur in a large area in Brazil"
50	take	admit into a group or community "accept students for graduate study" "Well have to vote on whether or not to admit a new member"
49	claim	take as an undesirable consequence of some event or state of affairs "the accident claimed three lives" "The hard work took its toll on her"
49	fade	disappear gradually "The pain eventually passed off"
49	intervene	get involved, so as to alter or hinder an action, or through force or threat of force "Why did the U.S. not intervene earlier in WW II?"
49	kill	deprive of life "AIDS has killed thousands in Africa"
49	note	make mention of "She observed that his presentation took up too much time" "They noted that it was a fine day to go sailing"
49	suspend	stop a process or a habit by imposing a freeze on it "Suspend the aid to the wartorn country"
48	deploy	to distribute systematically or strategically "The U.S. deploys its weapons in the Middle East"
48	overthrow	cause the downfall of of rulers "The Czar was overthrown" "subvert the ruling class"
48	resolve	bring to an end settle conclusively "The case was decided" "The judge decided the case in favor of the plaintiff" "The father adjudicated when the sons were quarreling over their inheritance"
48	state	express in words "He said that he wanted to marry her" "tell me what is bothering you" "state your opinion" "state your name"
47	accept	give an affirmative reply to respond favorably to "I cannot accept your invitation" "I go for this resolution"
47	form	develop into a distinctive entity "our plans began to take shape"
47	use	avail oneself to "apply a principle" "practice a religion" "use care when going down the stairs" "use your common sense" "practice nonviolent resistance"
46	allege	report or maintain "He alleged that he was the victim of a crime" "He said it was too late to intervene in the war" "The registrar says that I owe the school money"
46	approve	give sanction to "I approve of his educational policies"
46	arrive	reach a destination arrive by movement or progress "She arrived home at 7 o'clock" "She didn't get to Chicago until after midnight"
46	break	make a rupture in the ranks of the enemy or ones own by quitting or fleeing "The ranks broke"
46	resume	take up or begin anew "We resumed the negotiations"
45	negotiate	discuss the terms of an arrangement "They negotiated the sale of the house"

uses	Lemma	Gloss
45	protect	shield from danger, injury, destruction, or damage "Weatherbeater protects your roof from the rain"
45	protract	lengthen in time cause to be or last longer "We prolonged our stay" "She extended her visit by another day" "The meeting was drawn out until midnight"
44	follow	to bring something about at a later time than "She followed dinner with a brandy" "He followed his lecture with a question and answer period"
44	leave	remove oneself from an association with or participation in "She wants to leave" "The teenager left home" "She left her position with the Red Cross" "He left the Senate after two terms" "after 20 years with the same company, she pulled up stakes"
43	accept	react favorably to consider right and proper "People did not accept atonal music at that time" "We accept the idea of universal health care"
43	comply	act in accordance with someones rules, commands, or wishes "He complied with my instructions" "You must comply or else" "Follow these simple rules" "abide by the rules"
43	generate	bring into existence "The new manager generated a lot of problems" "The computer bug generated chaos in the office" "The computer generated this image" "The earthquake generated a tsunami"
43	increase	become bigger or greater in amount "The amount of work increased"
43	initiate	set in motion, start an event or prepare the way for "Hitlers attack on Poland led up to World War II"
43	meet	experience as a reaction "My proposal met with much opposition"
43	refuse	show unwillingness towards "he declined to join the group on a hike"
43	succeed	attain success or reach a desired goal "The enterprise succeeded" "We succeeded in getting tickets to the show" "she struggled to overcome her handicap and won"
42	come	be received "News came in of the massacre in Rwanda"
42	launch	propel with force "launch the space shuttle" "Launch a ship"
42	move	follow a procedure or take a course "We should go farther in this matter" "She went through a lot of trouble" "go about the world in a certain manner" "Messages must go through diplomatic channels"
42	reaffirm	affirm once again "He reaffirmed his faith in the church"
42	take	take into consideration for exemplifying purposes "Take the case of China" "Consider the following case"
41	adopt	take up the cause, ideology, practice, method, of someone and use it as ones own "She embraced Catholicism" "They adopted the Jewish faith"
41	control	exercise authoritative control or power over "control the budget" "Command the military forces"
41	proclaim	state or announce "I am not a Communist, he exclaimed" "The King will proclaim an amnesty"
41	threaten	pose a threat to present a danger to "The pollution is endangering the crops"
40	bomb	throw bombs at or attack with bombs "The Americans bombed Dresden"
40	last	continue to live and avoid dying "We went without water and food for 3 days" "These superstitions survive in the backwaters of America" "The race car driver lived through several very serious accidents" "how long can a person last without food and water" "One crash victim died, the other lived"
39	implement	pursue to a conclusion or bring to a successful issue "Did he go through with the treatment" "He implemented a new economic plan" "She followed up his recommendations with a written proposal"
38	strengthen	make strong or stronger "This exercise will strengthen your upper body" "strengthen the relations between the two countries"
37	consider	think about carefully weigh "They considered the possibility of a strike" "Turn the proposal over in your mind"
37	decide	reach, make, or come to a decision about something "We finally decided after lengthy deliberations"
37	do	carry on or function "We could do with a little more help around here"
37	have	cause to move cause to be in a certain position or condition "He got his squad on the ball" "This let me in for a big surprise" "He got a girl into trouble"
37	help	contribute to the furtherance of "This money will help the development of literacy in developing countries"
37	hold	take and maintain control over, often by violent means "The dissatisfied students held the Presidents office for almost a week"
37	impose	impose and collect "levy a fine"
37	indicate	be a signal for or a symptom of "These symptoms indicate a serious illness" "Her behavior points to a severe neurosis" "The economic indicators signal that the euro is undervalued"
37	order	issue commands or orders for
36	become	enter or assume a certain state or condition "He became annoyed when he heard the bad news" "It must be getting more serious" "her face went red with anger" "She went into ecstasy" "Get going"
36	participate	become a participant be involved in "enter a race" "enter an agreement" "enter a drug treatment program" "enter negotiations"
35	call	order, summon, or request for a specific duty or activity, work, role "He was already called 4 times for jury duty" "They called him to active military duty"
35	cause	cause to do cause to act in a specified manner "The ads induced me to buy a VCR" "My children finally got me to buy a computer" "My wife made me buy a new sofa"
35	enmesh	entangle or catch in or as if in a mesh
35	have	be confronted with "What do we have here" "Now we have a fine mess"
35	make	give certain properties to something "get someone mad" "She made us look silly" "He made a fool of himself at the meeting" "Dont make this into a big deal" "This invention will make you a millionaire" "Make yourself clear"
34	evacuate	move out of an unsafe location into safety "After the earthquake, residents were evacuated"
34	fire	drive out or away by or as if by fire "The soldiers were fired" "Surrender fires the cold skepticism"
34	intend	have in mind as a purpose "I mean no harm" "I only meant to help you" "She didnt think to harm me" "We thought to return early that night"
34	lead	preside over "John moderated the discussion"
34	refuse	resist immunologically the introduction of some foreign tissue or organ "His body rejected the liver of the donor"
34	warn	notify of danger, potential harm, or risk "The director warned him that he might be fired" "The doctor warned me about the dangers of smoking"
33	bring	bring into a different state "this may land you in jail"
33	provide	make a possibility or provide opportunity for permit to be attainable or cause to remain "This leaves no room for improvement" "The evidence allows only one conclusion" "allow for mistakes" "leave lots of time for the trip" "This procedure provides for lots of leeway"
33	respond	show a response or a reaction to something
33	shoot	kill by firing a missile
33	stop	hold back, as of a danger or an enemy check the expansion or influence of "Arrest the downward trend" "Check the growth of communism in South East Asia" "Contain the rebel movement" "Turn back the tide of communism"
33	use	seek or achieve an end by using to ones advantage "She uses her influential friends to get jobs" "The presidents wife used her good connections"
32	accord	go together "The colors dont harmonize" "Their ideas concorded"
32	broker	act as a broker

uses Lemma	Gloss
32 continue	span an interval of distance, space or time "The war extended over five years" "The period covered the turn of the century" "My land extends over the hills on the horizon" "This farm covers some 200 acres" "The Archipelago continues for another 500 miles"
32 fail	fall short in what is expected "She failed in her obligations as a good daughterinlaw" "We must not fail his obligation to the victims of the Holocaust"
32 flee	run away quickly "He threw down his gun and fled"
32 involve	connect closely and often incriminatingly "This new ruling affects your business"
32 maintain	keep in safety and protect from harm, decay, loss, or destruction "We preserve these archeological findings" "The old lady could not keep up the building" "children must be taught to conserve our national heritage" "The museum curator conserved the ancient manuscripts"
31 adopt	choose and follow as of theories, ideas, policies, strategies or plans "She followed the feminist movement" "The candidate espouses Republican ideals"
31 assist	give help or assistance be of service "Everyone helped out during the earthquake" "Can you help me carry this table" "She never helps around the house"
31 fail	disappoint, prove undependable to abandon, forsake "His sense of smell failed him this time" "His strength finally failed him" "His children failed him in the crisis"
31 follow	accept and follow the leadership or command or guidance of "Lets follow our great helmsman" "She followed a guru for years"
31 force	take by force "Storm the fort"
31 hold	to close within bounds, or otherwise limit or deprive of free movement "This holds the local until the express passengers change trains" "About a dozen animals were held inside the stockade" "The illegal immigrants were held at a detention center" "The terrorists held the journalists for ransom"
31 monitor	keep tabs on keep an eye on keep under surveillance "we are monitoring the air quality" "the police monitor the suspects moves"
31 move	change location move, travel, or proceed, also metaphorically "How fast does your new car go" "We travelled from Rome to Naples by bus" "The policemen went from door to door looking for the suspect" "The soldiers moved towards the city in an attempt to take it before night fell" "news travelled fast"
31 order	give instructions to or direct somebody to do something with authority "I said to him to go home" "She ordered him to do the shopping" "The mother told the child to get dressed"
31 receive	receive a specified treatment abstract "These aspects of civilization do not find expression or receive an interpretation" "His movie received a good review" "I got nothing but trouble for my good intentions"
30 engage	carry on wars, battles, or campaigns "Napoleon and Hitler waged war against all of Europe"
30 express	send by rapid transport or special messenger service "She expressed the letter to Florida"
30 impose	impose something unpleasant "The principal visited his rage on the students"
30 kill	mark for deletion, rub off, or erase "kill these lines in the Presidents speech"
30 seek	try to locate or discover, or try to establish the existence of "The police are searching for clues" "They are searching for the missing man in the entire county"
29 conclude	reach agreement on "They concluded an economic agreement" "We concluded a ceasefire"
29 decide	cause to decide "This new development finally decided me"
29 include	add as part of something else put in as part of a set, group, or category "We must include this chemical element in the group"
29 plan	have the will and intention to carry out some action "He plans to be in graduate school next year" "The rebels had planned turmoil and confusion"
29 protest	express opposition through action or words "dissent to the laws of the country"
29 receive	express willingness to have in ones home or environs "The community warmly received the refugees"
29 regard	connect closely and often incriminatingly "This new ruling affects your business"
29 say	report or maintain "He alleged that he was the victim of a crime" "He said it was too late to intervene in the war" "The registrar says that I owe the school money"
29 stand	have or maintain a position or stand on an issue "Where do you stand on the War"
29 undermine	destroy property or hinder normal operations "The Resistance sabotaged railroad operations during the war"

2 Appendix B: Coding Process

2.1 Figure B1: Graphical User Interface

Figure 2: Graphical User Interface (GUI) for coding ICBe

2.2 Algorithm B2: Coding Aggregation and Filtering

Algorithm 1 Aggregating Coder-Tokens into Sentence-Events

Data: Coder-Sentence-Tokens

Result: Sentence-Events

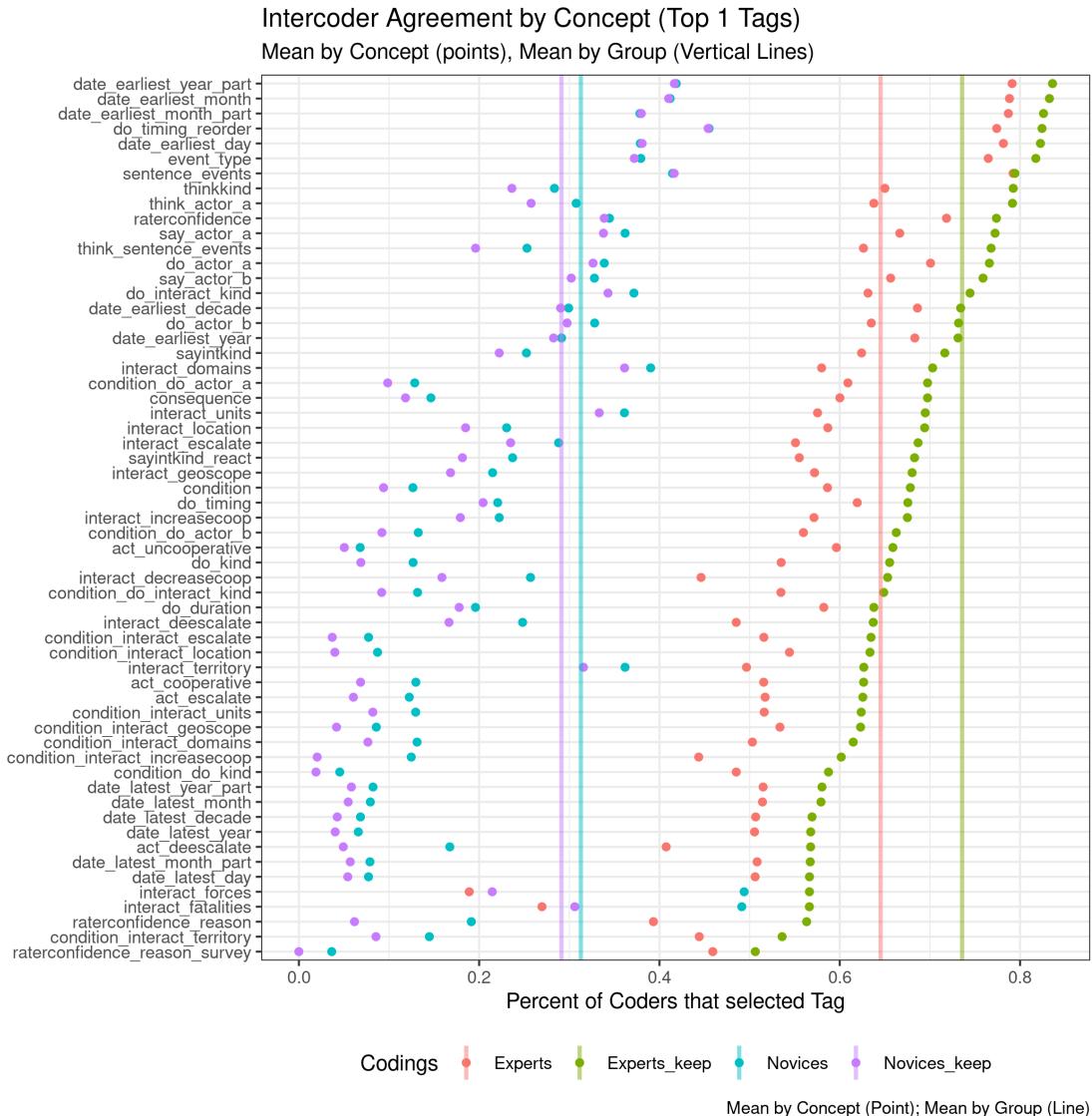
```

foreach sentence in sentences do
    foreach concept in concepts do
        foreach token in tokens do
            if expert votes==0 then reject;                                /* Require at least one expert vote */;
            else if expert votes > expert voters/2 then
                | accept;
            else if novice votes > novice voters/2 then
                | accept;                                                 /* And a majority of expert votes */
            end                                                       /* Or a majority of novice votes */
            if sum(accepted) == 0 then
                | sort tags by votes; head 1; accept;                  /* If still no tag, take one with most votes */
            end
        end
        foreach ActorSet in unique(ActorSets) do
            | emit event;
        end
    end

```

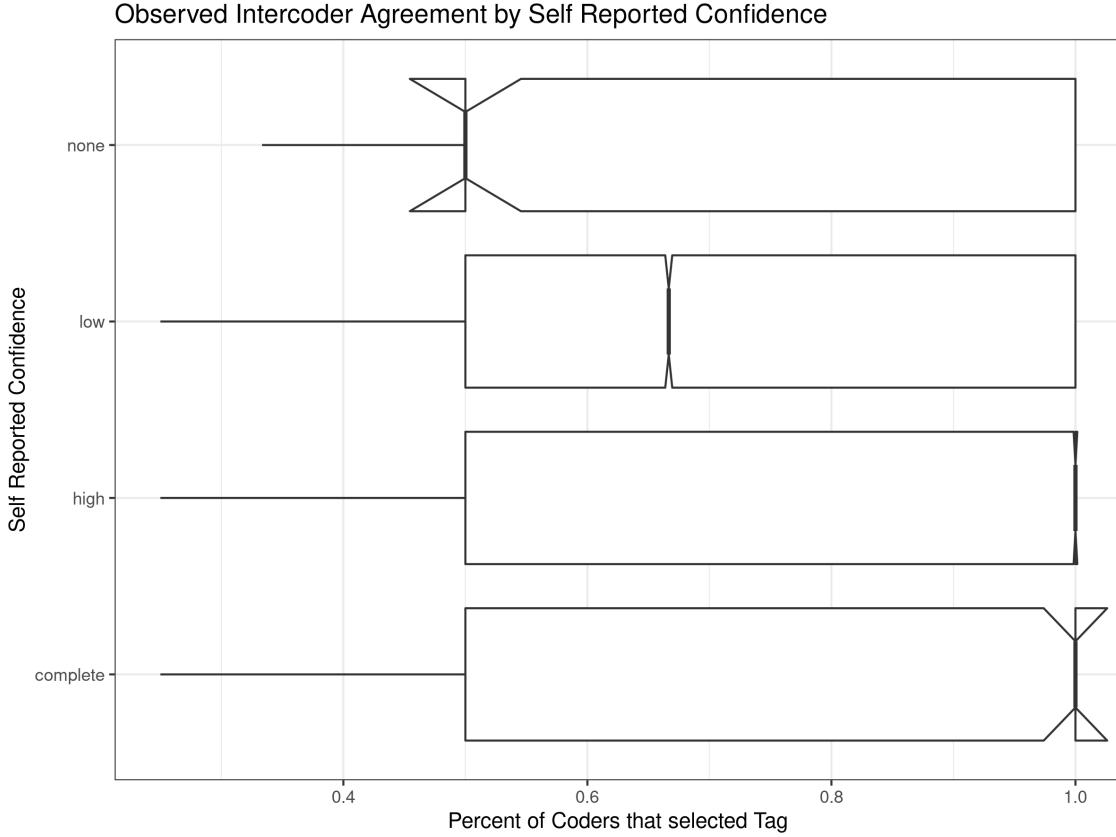
2.3 Figure B3 : Intercoder Agreement

Figure 3: Intercoder Agreement by Concept/Type



2.4 Figure B4 : Intercoder Agreement by Confidence

Figure 4: Intercoder Agreement by Concept/Type



3 Appendix C: Recall

3.1 Algorithm C1: Synthetic Narratives

A synthetic narrative is constructed as follows. First, compile a large corpus, D , of timelines, encyclopedia entries, journal articles, news reports, websites, and government documents. Next, segment into sentences, $s \in S$, clean, filter, and break into simpler concise sentences, $s^* \in S^*$, using a large natural language model, BART (Lewis et al. 2019), fine-tuned on summarization tasks, distilbart-cnn-12-6 (Shleifer and Rush 2020). Then, calculate semantic similarity between each S^* by embedding them with a different large language model, MPNet (Song et al., n.d.), fine tuned to identify paraphrasing (Reimers and Gurevych 2019, 2020). Next, constructed an undirected weighted graph of pair above 95th percentile cosine similarity and hierarchically cluster them into potential events $e^* \in E^*$ (Clauset, Newman, and Moore 2004). The resulting set of E^* are small enough to check by hand, summarize, and place in chronological order. The relevant formulas and algorithm are shown below.

Cosine Similarity

$$\text{cosine similarity} = \frac{a \cdot b}{\|a\| \|b\|} \quad (1)$$

Adjacency Matrix

$$A_{vw} = \begin{cases} 1 & \text{if vertices v and w are connected} \\ 0 & \text{otherwise} \end{cases} \quad (2)$$

Identity Function

$$\delta(i, j) = \begin{cases} 1 & \text{if } i=j \\ 0 & \text{otherwise} \end{cases} \quad (3)$$

Degree of a vertex

$$k_v = \sum_w A_{vw} \quad (4)$$

Modularity - Is the difference between observed within-community edges and average expected edges on a random graph

$$Q = \frac{1}{2m} \sum_{vw} [A_{vw} - \frac{k_v k_w}{2m}] \delta(C_w, C_w) \quad (5)$$

Algorithm 2 Clustering and counting sentences about the same event

```

Data: Document-Sentences
Result: Event-Mentions
/* Embed text as a 768 dimensional semantic vector with a large language model */ 
foreach document in Document do
    foreach sentence in sentence do
        | embedding=distilbart-cnn-6-6(sentence);
    end
end
similarity = cosine similarity(embeddings,embeddings);
/* Threshold similarity matrix and create weighted undirected graph */ 
/* Frame as adding edges so efficient nearest neighbor lookup can be used */ 
g=EmptyUndirectedWeightedGraph();           /* Sparse undirected graph to store edges */
foreach v in 1:rows(similarity) do
    foreach w in 1:cols(similarity) do
        | if similarity[v,w]>0.96 and doc(V)!=doc(W) then append edge v<->w to g;
        | | /* If similar append as undirected edge to graph */
    end
end
/* Community detection with greedy hierarchically clustering (Clauset et al. 2004) */ 
gClustered=EmptyUndirectedGraph(vertices(g));      /* Sparse undirected graph to store edges */
dendrogram=list() while length(edges(g))>1 do
    foreach edge in edges(g) do
        | | Qpossible[edge]=Q(gClustered + edge)
    end
    foreach edge in edges(g) do
        | | /* Add the edge with the maximum increase in modularity */ 
        | | /* Remove from original graph as a housekeeping trick */ 
        | | if Qpossible[edge]=max(Qpossible) then append edge to gClustered and remove edge from g; append
        | | Qpossible to dendrogram ;
    end
end
/* Cut the dendrogram to maximize modularity and return event clusters */ 
return dendrogram where Q(dendrogram)==max(dendrogram) /* */

```

3.2 Table C2: Synthetic Narrative Matches Cuban Missile

Figure 5: Cuban Missile Crisis Synthetic Narrative Recall Matches

date	Event	Mentions	ICB Narrative	ICBe	ICB	MIDs	Phoenix
12/31/1958	communist coup	128				0	
6/8/1959	nationalizes owned businesses	28					On June 22 1959, Cuba elites seize or damage property government in United States
10/26/1959	backchannel negotiates with	18				0	
1/1/1960	begins recon flights over	10				0	
3/17/1960	prepares for invasion of	159	181-5	1			0
5/1/1960	U-2 downed over	8				MID#253 Border violation-Attack-Released (for seizures)	0
5/7/1960	establishes diplomatic and trade relations with	10					0
7/8/1960	embargos	21					0
9/14/1960	attempts assassination	9					0
1/3/1961	breaks diplomatic ties	40					On September 15 1960, United States reduce or break diplomatic relations Cuba in Manhattan
4/17/1961	attempts coup in	16					0
4/17/1961	invades	192	181-10	1	181 Violent Act	MID#246 Show of force-Attack-Stalemate	On April 17 1961, Cuba seize or damage property unidentified armed force (tertiary role code)
4/19/1961	Invasion fails	5	181-13	1	181 Unilateral-Self		0
6/1/1961	provides economic and military aid to	43	181-16	1			On October 20 1960, Russia provide aid Cuba in United States
8/13/1961	begins construction of Berlin Wall	62	185	1	185 non-violent military act	MID#27 Mobilization-Blockade-Stalemate	0
11/30/1961	covert destabilization efforts against	44					0
4/1/1962	places nuclear missiles in	93					0
5/21/1962	begins placing nuclear missiles in	31					0
7/1/1962	asks for weapons	5					0
7/1/1962	deploys troops to	5					0
7/1/1962	places nuclear missiles in as response to placing nuclear missiles in	347					0
8/10/1962	begins to suspect nuclear missiles will be placed in	29	196-6	0			0
9/4/1962	meets to denies presence of missiles	14	196-7	0			0
9/4/1962	demands withdrawal and threatens nuclear response on if attacked from	125					0
9/11/1962	threatens war with if attack on or ships	8					0
10/1/1962	deploys nuclear armed submarines	5					0
10/14/1962	discovers nuclear missiles in starts crisis	705	196-8	1	196 External Change		0
10/17/1962	mobilizes troops for invasion of	13	196-4	1			0
10/18/1962	meets to denies presence of missiles	21					0
10/22/1962	blockades	400	196-9	1	196 Non-violent military act	MID#61 Blockade	0
10/22/1962	demands withdrawal	7					0
10/22/1962	raises nuclear alert	5					0
10/22/1962	threatens military attack	10					0
10/23/1962	OAS statement of support for	7	196-13	1			0
10/23/1962	meets denies offensive intention	8					0
10/24/1962	respects blockade of	23			196 Non-violent military act		0
10/24/1962	raises nuclear alert	14					0
10/25/1962	confronts at the	30					0
10/26/1962	offers remove missiles for no invasion pledge	60	196-16	1	196 Political act		On October 25 1962, government accuse government in Republic of Cuba
10/27/1962	nuclear missiles in operational	5					0
10/27/1962	accidentally violates airspace	25					0
10/27/1962	interdicts submarine	16					0
10/27/1962	offers withdrawal of nuclear missiles in for missiles in	115					0
10/27/1962	promises to not invade	32	196-20	1			0
10/27/1962	U-2 shot down over	119	196-17	1		MID#61 Attack	0
10/28/1962	withdraws nuclear missiles in for promise to not invade ends crisis	547	196-22	1	196 Semi-formal agreement	MID#61 Yield	0
10/30/1962	refuses observers	7	196-21	1			0
11/20/1962	ends blockade	22	196-31	1	196 Semi-formal agreement		0
4/1/1963	removes missiles from	5					0
8/5/1963	sign Nuclear Test Ban Treaty	94					0
8/30/1963	install hotline	55					0

Figure 6: Crimea-Donbas Synthetic Narrative Recall Matches

date	Event	Mentions	ICB Narrative	ICBe	Phoenix	Terrier	ICEWS
1994-12-05	█ nuclear disarmed in exchange for █ promise to never invade NATO	7	0				
2004-04-02	NATO expands to include Estonia, Latvia, and Lithuania	5	0				
2008-01-01	NATO provides incredible offer of membership to █	7 471-78	1				
2008-08-01	█ invades Georgia and annexes Abkhazia and Ossetia	10 458	1				
2010-04-21	█ and █ ratified the Russian Ukrainian Naval Base for Gas treaty, extending the Russian Navy's lease of █ facilities for 25 years after 2017	5	0				
2013-11-01	█ plans to join █ trade agreement	6 471-3	0	On November 11 2013, Ukraine government express intent to engage in material cooperation, not specified below government in Kiev on the topic of european_union	0		On November 18 2013, Ukraine express intent to cooperate economically European Union
2013-11-21	█ rejects █ trade agreement	42 471-3	1	0		On November 23 2013, Ukraine Government reject economic cooperation European European Union Inter-governmental organizations in Brussels	On November 30 2013, Ukraine Viktor Yanukovich reject economic cooperation European Union
2013-11-21	█ protests	6 471-14	1	On November 29 2013, government engage in political dissent Ukraine in Kiev on the topic of european_union		On November 29 2013, Opposition appeal for change in leadership Government Ukraine	On November 30 2013, Ukraine Citizen (Ukraine) demand change in leadership Viktor Yanukovich in Kiev
2013-12-17	█ offers debt relief and discounted energy to █	5	0	On December 17 2013, Russia express intent to cooperate economically Ukraine in Russian Federation		On December 17 2013, Russia cooperate economically Ukraine	On December 17 2013, Russian Federation Gazprom express intent to cooperate economically Ukraine in Kiev
2014-02-01	█ provide econ and military aid	26 471-66	1	On April 22 2014, United States provide economic aid Ukraine		On April 15 2014, United States provide aid Ukraine in United States	On February 25 2014, United States provide aid Ukraine in Kiev
2014-02-21	█ backs █ political settlement	10 471-9	1	On February 21 2014, europe european union government express intent to cooperate government Ukraine		On February 21 2014, Inter-governmental organizations Europe European Union Government engage in negotiation Elite Ukraine in Kyiv	On February 21 2014, European Union sign formal agreement Ukraine in Kiev
2014-02-22	█ leader removed and flees to █	65 471-22	1	On February 22 2014, Ukraine accede to requests or demands for political reform not specified below opposition in Ukraine		On February 22 2014, Ukraine accede to demands for change in leadership Government in Ukraine	On February 21 2014, Ukraine Head of Government (Ukraine) yield People Associated with the Opposition (Ukraine) in Kiev
2014-02-27	█ backed gunmen begin seizing government buildings in —	10 471-18	1	On February 27 2014, opposition seize or damage property government Ukraine on the topic of activism		On February 27 2014, Unidentified Armed Force (tertiary role code) use conventional military force Legislate in Crimean Peninsula	On February 27 2014, Ukraine Armed Band (Ukraine) use unconventional violence Crimea Ukraine
2014-03-01	█ votes to deploy military to █	11 471-21	1	On March 2 2014, Russia military mobilize or increase armed forces Ukraine		On March 1 2014, Russia mobilize or increase armed forces Ukraine	On March 1 2014, Russian Federation Legislature (Russia) mobilize or increase armed forces Ukraine
2014-03-16	— independence referendum	12 471-23	0	0		0	On March 16 2014, Ukraine Crimea refuse to break diplomatic relations Ukraine
2014-03-16	█ mobilizes forces to — and █ border	11 471-27	1	On March 17 2014, Russia military occupy territory military		On March 16 2014, Russia Military occupy territory Ukraine in Crimean Peninsula	On March 16 2014, Russian Federation Russia mobilize or increase armed forces Crimea in Prague
2014-03-16	█ backed separatists attack █ in Donbas	6	0	On March 17 2014, Ukraine conventional military force (tertiary role code) use conventional military force Russia in Ukraine		On March 17 2014, Papel use conventional military force Judiciary Government Ukraine in Donetsk	On March 17 2014, Russian Federation Russia use conventional military force Ukraine
2014-03-17	█ sanctions █	83 471-64	1	On March 18 2014, United States impose embargo, boycott, or sanctions political party Russia in United States on the topic of sanctions		On March 17 2014, United States impose embargo, boycott, or sanctions Russia in Moscow	On March 17 2014, United States Barack Obama impose embargo, boycott, or sanctions Russia Russian Federation in Washington D.C.
2014-03-18	█ annexes —	180 471-23	1	0		On March 17 2014, Russia occupy territory Ukraine in Crimean Peninsula	On March 18 2014, Russian Federation Military (Russia) occupy territory Ukraine in Crimean Peninsula
2014-04-06	█ backed separatists begin fighting in █ (Donetsk and Luhansk)	146 471-31	1	On April 8 2014, Russia occupy territory Ukraine in Donetsk		On April 29 2014, Opposition use conventional military force Ukraine in Donetsk	On May 27 2014, Ukraine Separatist (Ukraine) use conventional military force Government (Ukraine) Ukraine in Donetsk
2014-04-23	█ military excercises at — border	7 471-35	1	0		On April 25 2014, Russia demonstrate military or police power Ukraine in Kyiv	On March 26 2014, Russian Federation Russia demonstrate military or police power Ukraine
2014-05-11	DPR and the LPR declare independence	5 471-30	1	0		0	0
2014-05-21	DPR requests █ Russian military intervention	5	0	On May 21 2014, Ukraine rebel consult Russia	0	0	
2014-07-17	█ shoots down passenger jet (Malaysia Airlines Flight 17)	6 471-44	1	0		0	On July 17 2014, Russian Federation Russia employ aerial weapons Airline (Malaysia) Malaysia in Moscow
2014-07-17	█ sanctions █	5 471-75	1	On July 8 2014, europe european union impose embargo, boycott, or sanctions Russia in Eu on the topic of european_union		On July 18 2014, Inter-governmental organizations Europe European Union impose embargo, boycott, or sanctions Russia	On June 27 2014, European Union impose embargo, boycott, or sanctions Russia Russian Federation in Brussels
2014-07-17	█ econ sanction █	5 471-42	1	On July 25 2014, Russia impose embargo, boycott, or sanctions Ukraine in Ukraine		On July 25 2014, Russia Government impose embargo, boycott, or sanctions Ukraine	On December 15 2014, Russian Federation Russia impose embargo, boycott, or sanctions Ukraine in Brussels
2014-09-05	█, █, the DPR and the LPR signed a ceasefire agreement, the Minsk I	10 471-49	1	0		On September 5 2014, Ukraine sign formal agreement Rebel	On September 5 2014, Ukraine Other Authorities / Officials (Ukraine) sign formal agreement Commander (Ukraine) Ukraine in Minsk
2014-09-06	█, █, and the LPR, continue fight with █	15 471-52	1	On September 7 2014, unidentified armed force (tertiary role code) use conventional military force Ukraine in Donetsk			On September 26 2014, Ukraine Separatist (Ukraine) use conventional military force Military (Ukraine) Ukraine in Donetsk
2015-02-12	█, █, the DPR and the LPR signed a ceasefire agreement (Minsk II)	10 471-59	1	0		On February 14 2015, Ukraine Papel Legislature sign formal agreement Ukraine in Minsk	On February 12 2015, Ukraine sign formal agreement Armed Rebel (Belarus) Belarus in Minsk
2015-02-21	█ recognizes Donetsk People's Republic and the Luhansk People's Republic	6	0	0		0	0

3.3 Table C3: Synthetic Narrative Matches Crimea-Donbas

4 Appendix D: Precision

4.1 Figure D1 Crimea-Donbos

Figure 7: Annexation of Crimea ICB Narrative and ICBe codings

ICB	ICBe
1 A crisis occurred between Russia and Ukraine from 22 February 2014 to 18 February 2015.	
2 The crisis had important and broad implications for Russian relations with Ukraine, other former Soviet states in the region, and members of the European Union (EU) and the North Atlantic Treaty Organization (NATO), including the United States.	
3 On 21 November 2013, Ukrainian president Victor Yanukovych sparked a wave of anti-government unrest – commonly known as “Euromaidan” – when he rejected a trade and political association agreement with the EU in favor of forging closer ties to Russia.	reject - sign formal agreement
4 Demonstrations in favor of closer European integration began in Kiev that evening and were initially peaceful, but they eventually spread to other parts of Ukraine and escalated into a series of increasingly violent clashes between protesters and police, as well as demands for the resignation of Yanukovych.	express intent - economic cooperation riot
5 Violence between protesters and police reached its peak in mid-February 2014, when both sides were firing at each other and the number of deaths increased significantly.	protest human rights violation;mass killing
6 Alarmed by the escalating use of repression by the Ukrainian government, the United States imposed visa bans on twenty senior Ukrainian governmental officials on 19 February.	end economic cooperation restrict rights disapprove end economic cooperation restrict rights
7 The EU followed suit the next day with its own package of sanctions that included travel bans and asset freezes targeted at Ukrainian officials as well as a ban on the export of equipment that could be used for repression by the Ukrainian government.	end economic aid;end military cooperation;end unspecified aid
8 Over the next several days, a number of MPs from the ruling party in Ukraine (the Party of Regions), the armed forces, and police resigned and/or defected to the opposition or fled to safe areas.	
9 Faced with a Ukrainian Parliament that was now dominated by the political opposition, Yanukovych was pressured into signing an EU-mediated agreement on 21 February to try and end the political and civil crisis in Ukraine.	accept
10 This diplomatic move was all for naught, as Yanukovych fled Kiev for eastern Ukraine later that night, and Parliament voted to remove him from office the following day.	leadership change
11 The opposition took control of the Ukrainian government, and Maidan protesters captured the presidential palace and took control of Kiev.	coup
12 The removal of Yanukovych on 22 February 2014 sparked a crisis for Russia.	assert political control over institutions change populated place (town/city) large gain 1ks 10s
13 Russia feared that Ukraine would leave its sphere of influence and become a NATO ally.	start of crisis -
14 Russia also expressed concerns about the rights of Russian-speakers in Ukraine, particularly in the predominantly Russian-speaking region of Crimea, where pro-Moscow protesters were calling for Crimea to secede from Ukraine.	fear - military cooperation fear - human rights violation
15 Russian officials met the night of 22 February and into the morning of February 23, when it was decided that Crimea should be retaken and Yanukovych should be extracted from Ukraine.	express intent - assert political control over points other;region
16 This constituted Russia's major response to its crisis.	
17 Yanukovych showed up in Moscow on 26 February after leaving Ukraine with Russian assistance.	assert political control over;invasion/occupation populated places small gain
18 On 27-28 February, unidentified soldiers (widely suspected, and later confirmed to have been Russian special forces) seized several government buildings and airports in Crimea, sparking a crisis for Ukraine.	start of crisis - invasion/occupation points other small gain appeal - discussion;meeting
19 Ukraine's major response to its crisis was verbal and began on 27 February, when it sent a note to Russia demanding that Russian troops stay on base in Crimea, called for calm, and discussed the final part of its major response.	demand appeal - meeting
20 The following day, Ukraine called for a meeting of the United Nations Security Council (UNSC), the final part of its major response.	attack;border violation;deployment to area;invasion/occupation region surrender region small loss
21 On 1 March, the Russian Parliament gave President Vladimir Putin permission to use force in Crimea, and Russia launched a full-scale military intervention in the country that day.	appeal - surrenders region small loss annex points other;region large gain;small gain reduce control over;withdraw from area populated places;region large loss;small loss
22 The move was met with little resistance from Ukraine, which was advised by the U.S. to avoid a military confrontation with Russia.	
23 Crimea was formally annexed on 18 March, following a local referendum two days earlier in which 97% of voters supported joining Russia.	
24 Non-violent military confrontations in Crimea continued until 25 March, when Ukraine withdrew completely from the region.	
25 In the meantime, tensions also began to simmer between Ukraine and Russia in eastern Ukraine.	
26 Pro-Russian protests in the predominantly Russian-speaking Donbas region in eastern Ukraine began after Crimea was annexed.	
27 At some point soon thereafter, Russia began to conduct military exercises in Rostov and other points near its border with eastern Ukraine, and it also began massing troops in the area, all with the intent to try and force Ukraine to back down in Donbas without having to resort to violence.	exercise;fortify region
28 Ukraine beefed up security at border checkpoints, citing fears that Russian troops may invade.	fortify remove fortify;withdraw from area border;region
29 Russia removed some of its forces from Rostov on 31 March after a conversation between the U.S. and Russian foreign ministers.	meeting dpr/lpr assert autonomy against;attack points other;region
30 Pro-Russian militants in Donbas took control of several government buildings on April 7 and later declared independence from Ukraine – in the form of the Donetsk People's Republic (DPR) and the Luhansk People's Republic (LPR) – following referenda.	invasion/occupation populated place (town/city) small gain join war on behalf;military cooperation dpr/pr
31 This set off a war between Ukrainian security forces and pro-Russian militias in Donbas, supported by Russian arms and widely suspected to have included Russian military members.	declaration of war populated place (town/city) declaration of war dpr/lpr region battle/clash attack dpr/lpr region
32 Ukraine responded to the initial events in Donbas with force.	battle/battle/clash populated place (town/city) small gain
33 On 14 April, acting Ukrainian President Oleksandr Turchynov announced an anti-terror operation against pro-Russian separatists, although it was short-lived.	deployment to area;exercise;fortify border;region
34 On 22 April, Turchynov ordered more military operations against pro-Russian militants.	attack;battle/clash populated place (town/city) small gain
35 Despite publicly denying an interest in intervening in Donbas, Russia increased its troop presence along Ukraine's southeastern border and began another series of military exercises on 23 April, raising concerns that it might conduct a full-fledged military intervention in Donbas if Ukraine appeared to be winning the conflict.	express intent end economic aid;end economic cooperation accuse end economic cooperation
36 Russia and Ukraine were involved in a simultaneous dispute over the latter's natural gas debt to the former.	
37 Gazprom, one of Russia's largest oil companies, was demanding advance payments for natural gas until Ukraine paid off its debt.	
38 Ukraine perceived this as a Russian political maneuver related to the larger security and territorial issues at stake in the crisis.	
39 In May, the European Union (EU) Energy Commissioner began talks with Russia and Ukraine in an attempt to sort out a repayment plan that would keep the gas from being cut off.	appeal mediation
40 The Ukrainian pipelines also supply Europe, so there was a shared interest in resolving the debt dispute.	
41 On 15 June, talks over Ukraine's natural gas debt broke down.	break off negotiations end economic aid;end economic cooperation points other
42 Russia cut the natural gas pipeline to Ukraine the following day.	dpr/lpr attack;show of force airspace 1s 100s
43 This move placed additional time pressure on Ukraine to resolve the crisis sooner.	
44 On 17 July, pro-Russian militants mistakenly shot down Malaysia Airlines Flight 17, a passenger plane that was flying over Donbas, with a Russian-made Buk anti-aircraft missile.	
45 garnered significant international media attention and engendered widespread condemnation and outrage but did not slow the pace of fighting in the region.	disapprove dpr/lpr

S	ICB	ICBe
45	In August, after a Ukrainian counter-offensive regained control of several cities and villages in Donetsk and Luhansk, Russian troops intervened openly in the conflict, sending tanks and missiles across the Ukrainian border.	dpr/lpr; deployment to area; fortify/join ongoing war Russia flag icon; Ukraine flag icon; populated place (town/city)
46	The Organization for Security and Co-operation in Europe (OSCE) established a Trilateral Contact Group with Ukraine and Russia in June, initiating a mediation effort between the two sides.	invasion/occupation dpr/lpr populated places:region small gain
47	Separatist leaders from the DPR and LPR were also brought into the process.	battle/clash Russia flag icon; Ukraine flag icon; populated place (town/city) small gain
48	The OSCE brokered a ceasefire, the Minsk Protocol, between all sides on 5 September.	Trilateral Contact Group on Ukraine Russia flag icon; Ukraine flag icon - Trilateral Contact Group on Ukraine mediation Russia flag icon; Ukraine flag icon
49	The ceasefire failed to hold, and the fighting continued largely unabated through 2014, albeit at a lower level than before Minsk I.	dpr/lpr; Russia flag icon; Ukraine flag icon express intent xx - dpr/lpr; Russia flag icon cease fire
50	On 30 October, Russia and Ukraine agreed to a natural gas supply deal.	economic cooperation
51	Fighting escalated to pre-Minsk I levels again in January 2015.	accept Russia flag icon - sign formal agreement
52	Pro-Russian rebels took control of the Donetsk airport on 15 January, signaling the full collapse of the Minsk Protocol.	continuation of previous fighting dpr/lpr; Russia flag icon region dpr/lpr invasion/occupation
53	Around this time, DPR leader Alexander Zakharchenko said that he had no interest in peace talks and pledged to begin trying to move the front line.	point other small gain attack Russia flag icon; Ukraine flag icon populated place (town/city) small gain
54	In February 2015, a renewed round of talks occurred, this time initiated and led by German Chancellor Angela Merkel and French President Francois Hollande.	reject Russia flag icon - deployment to area
55	Merkel and Hollande mediated direct negotiations between Putin and new Ukrainian President Petro Poroshenko, but also coordinated closely with the OSCE, which focused on renewed mediation efforts under the Trilateral Contact Group and securing the cooperation of the DPR and LPR.	population place (town/city) dpr/lpr reject Russia flag icon - meeting; settle dispute dpr/lpr
56	On 6 February, Merkel and Hollande met privately with Putin for several hours, convincing him to return to the table.	xx mediation dpr/lpr; Russia flag icon; Ukraine flag icon
57	The mediation effort officially began the following day, when Russian, Ukrainian, and separatist leaders met for negotiations hosted by the OSCE. France and Germany threatened new sanctions if a deal wasn't reached, and the OSCE promised to monitor the implementation of an agreement if one was reached.	Trilateral Contact Group on Ukraine mediation
58	The ceasefire was scheduled to take effect on 15 February.	meeting
59	Fighting mostly ceased after the signing of this agreement, but some clashes continued for a short time afterward in the city of Debaltseve, ending after rebels retook the city on 18 February.	threaten Russia flag icon; Ukraine flag icon - end economic cooperation
60	Russian military advisors coordinated the assault on Debaltseve, and U.S. sources were confident that the shelling and rocket attacks in the area came from the Russian military.	ultimatum Russia flag icon does not happen - end economic cooperation
61	Ukraine's retreat from Debaltseve under fire terminated the crisis for both Ukraine and Russia.	-C will happen dpr/lpr; Russia flag icon settle dispute cease fire
62	In response to the events in Crimea, the U.S. advised Ukraine to not engage Russia militarily but also imposed economic sanctions on Russia.	region Trilateral Contact Group on Ukraine promise
63	The sanctions were widely viewed as ineffective.	Trilateral Contact Group on Ukraine
64	In addition, the U.S. provided funds, military training, and military equipment – not including weapons – to Ukraine during the crisis.	mediation
65	The UN was involved in the crisis in several different capacities.	invasion/occupation
66	On 27 March 2014, the UN General Assembly approved a resolution condemning the Russian annexation of Crimea.	populated place (town/city) small gain
67	The UNSC adopted a resolution on 21 July 2014 condemning the downing of the Malaysia Airlines flight, and another resolution on 17 February 2015 endorsing Minsk II.	retreat dpr/lpr populated place (town/city) small loss
68	Attempts to pass a resolution condemning the referendum in and annexation of Crimea, but Russia repeatedly vetoed those efforts.	military cooperation;unspecified cooperation
69	The UN was also involved in the areas of human rights and refugee assistance.	end of crisis
70	UN activity had little effect on the crisis proceedings.	end economic cooperation
71	Several regional organizations were involved in the crisis.	
72	In addition to its role as mediator, the OSCE deployed an observer group that monitored compliance with both Minsk ceasefire agreements and facilitated dialogue between local communities in eastern Ukraine, including between local residents and internally-displaced persons.	Trilateral Contact Group on Ukraine deployment to area
73	In addition to its role in the natural gas disputes between Ukraine and Russia, the EU imposed several rounds of economic sanctions on Russia, first in March 2014 and then again in July and September 2014.	area
74	The G8 suspended Russia's membership on 24 March 2014.	end economic cooperation
75	NATO became involved after Ukraine approached it shortly after Yanukovych was ousted.	G8 break off negotiations;end unspecified cooperation
76	In February 2014, the secretary general of NATO reiterated the organization's commitment to a 2008 declaration endorsing a path to NATO membership for Ukraine, provided that Ukraine met certain criteria.	
77	On 1 April 2014, NATO suspended civil and military cooperation with Russia.	break off negotiations;end military cooperation;end unspecified cooperation;terminate treaty
78	NATO also participated in general capacity-building in Ukraine, issued statements on the situation in Ukraine, and conducted limited military exercises, generally viewed as a means of reassuring local allies.	military cooperation exercise
79	Russia accused NATO of being involved in a more substantial manner militarily, but there was no evidence to support that accusation, and NATO avoided direct military intervention.	
80	In the aftermath of Minsk II, the situation in Donbass remained more or less stalemated, though all sides made some limited progress in complying and implementing the agreement during the remainder of 2015.	
81	The OSCE monitored the implementation of Minsk II.	

4.2 Table D2: Stratified Sentence Examples

Figure 8: Stratified Sentence Examples

C	S	ICB	ICBe							
51	36	The Soviet Union did not depend upon France's military strength for its security.								
393	72	The offer was categorically rejected.								
332	13	The latter denied any involvement in the crisis.	reject							
221	18	The OAS passed a resolution condemning Cuban subversive activities in the Western Hemisphere.	disapprove							
165	31	The crisis ended with no agreement among the adversaries.								
69	25	Britain, France, and Poland, the other involved actors, denied aid to Lithuania.								
349	12	On 10 March Greece announced that it had concluded Turkish warships had not intentionally fired at the Greek destroyer in the Aegean.	accept							
412	6	Baghdad renewed its demand that UN sanctions be lifted on humanitarian grounds—its people were suffering from lack of nutrition, and the population at large was experiencing the adverse effects of a persistent shortage of medicines and general medical services.	demand	cooperative economic cooperation						
114	16	There was no discussion about Turkey in the United Nations; but the Security Council established a commission to investigate Greek border violations.	discussion							
234	6	Iran's deputy foreign minister warned that any violation of Iran's sovereign rights would be met with full retaliation.	escalatory	threater						
412	11	Iraq's massive military buildup in a few days also triggered a crisis for the U.S. because it threatened its own and regional interests in the region. (Since the Gulf War, the U.S. has been committed to protect the Gulf states from Iraqi attacks.) The gravity of the threat perceived by the U.S. was evident in several statements and actions on the 7th: "the most threatening moves Iraq had taken since the Gulf War," according to unnamed U.S. officials; Iraq's moves "are not routine... and therefore cause us concern," said Defense Secretary Perry; and President Clinton expressed his resolve not to permit Baghdad to threaten the UN into lifting sanctions.	express intent	uncooperative end economic cooperation						
216	23	Through the mediation effort, the conference ended with a declaration affirming the intentions of both parties to restore diplomatic, economic, and trade relations and to withdraw troops to the internationally recognized borders, and to repatriate prisoners of war.	start of crisis	deescalatory						
283	6	Earlier, on 8 June, Rhodesia accused Zambia of a rocket attack and threatened to disconnect Zambia's power from Rhodesia's Kariba hydroelectric station.	uncooperative							
414	20	Fighting continued until 14 July 1999, when the two countries tentatively accepted on OAU-proposed peace plan.	accuse	escalatory attack	accept					
133	3	In August 1950 the PRC warned the United Nations that it would retaliate if U.S. or ROC forces crossed the 38th Parallel.	ultimatum	happens	escalatory attack	join ongoing war	will happen	C	escalatory invasion/occupation	line other
282	22	On 8-9 August 1977, delegates from the OAU met with Somali and Ethiopian leaders.	cooperative mediation	meeting						
201	21	The superpowers maintained a neutral position, but Somalia was receiving military aid from the Soviet Union and therefore regarded it as an ally.	cooperative military cooperation							
410	19	On 10 May became active on 24 March when it passed a resolution calling on both parties to do the following: withdraw their troops from the disputed area; exercise restraint; take measures to restore confidence; and continue their negotiations.	deescalatory withdraw from area	points other						
453	39	The African Union already had a peacekeeping force active in the region.	appeal	cooperative meeting						
393	77	The military intervention plan was set on 11 February.	appeal	deescalatory withdraw from area	points other					
233	8	President Nixon ordered the resumption of reconnaissance flights accompanied by armed escorts, and the redisposition of the strong U.S. naval force into the Sea of Japan.	escalatory deployment to area	mobilization	body of water					
54	14	On 26 May the battleship, Deutschland, then lying in port at Ibiza, was hit by two Republican planes, killing 31 German seamen and wounding 83.	escalatory attack	coastline	1ks					
448	62	All parties were satisfied with the outcome of the crisis.	escalatory attack	border						
468	13	Turkey's major response consisted of at least twelve hours of cross-border artillery fire and reflected the United Nations Commission on Humanitarian Assistance's (UNCHC) involvement in the crisis that same day, and the following day Prime Minister Recep Tayyip Erdogan requested and received approval from Turkey's Parliament for additional cross-border raids.	appeal	cooperative mediation						
53	21	A Treaty of Amity was signed by the adversaries on 4 July 1937, ending the second stage of the crisis.	policy	escalatory attack	border					
323	4	On 28 January 1981 he announced the arrest of a KGB officer, Major Alexei Mikhailovich Kozlov, who was accused of spying in South Africa on behalf of the ANC and SWAPO.	end of crisis	cooperative sign formal agreement						
178	6	Martial law was imposed, and troops were rushed to the area.	escalatory deployment to area	uncooperative restrict rights	cooperative military cooperation					
16	20	The U.K., as noted, was the most highly involved major power providing military aid to the Greek advance.								
363	17	Tension increased on 2 April when a bomb exploded on a TWA plane flying from Rome to Athens: four passengers were killed.	uncooperative terrorism							
180	6	President Kennedy felt that, if Laos were to be abandoned, the communists would dominate the north-south road along the Mekong lowlands from which stronger pressure would be mounted against South Vietnam, Cambodia, and Thailand.	fear	escalatory	large gain					
22	18	The crisis was resolved by assurances from the other Austrian provinces that plebiscites would not be held for at least six months and by the suspension of the Tyrol and Salzburg thrust to separation and union with Germany.	end of crisis	cooperative settle dispute						
256	2	Fighting in Oman's eastern province of Dhofar between rebels and the sultan's army began in 1963.	end of crisis							
7	7	Acting under the terms of the Treaty of St. Jean de Maurienne, Italy began to occupy southern Anatolia in early March 1919.	region	large gain						
138	26	The crisis terminated that day with a Burmese statement that the removal of foreign troops from its territory would be its responsibility alone.	end of crisis	express intent						
250	2	On 9 January 1973 the Rhodesian government closed the border with Zambia except for copper exports, which constitute 90 percent of all exports from Zambia.	uncooperative end economic cooperation							
319	12	Syrian forces began to pull back on 5 December, Jordan's on the 10th.	border							
139	7	The trigger for Laos was the launching of a Vietnamese offensive on 5 April.	start of crisis	escalatory attack						
88	38	On 8 December, too, when the United States and its allies declared war on Japan, a crisis was triggered for Italy and Germany.	start of crisis							
83	9	One-half hour before the ultimatum expired, Italy attacked Greece from Albania.	escalatory attack							
123	9	The U.K., the U.S., and France met once more in June.	cooperative meeting							
414	5	This specific crisis between China and the Philippines erupted over Mischief Bank, located in the Philippines and located 200 km from the Philippine island of Palawan.	start of crisis							
309	41	The U.S. attempt to rescue the hostages by military means triggered a crisis for Iran on 24 April 1980.	start of crisis							
217	8	The crisis trigger for Guinea was internal; on 9 October 1965 the statutes of a new opposition party to the only authorized party in Guinea were deposited with the Guinean minister of the interior.	start of crisis							
328	19	This terminated the first of several full-scale crises between these West African neighbors.	start of crisis	uncooperative end unspecified cooperation						
309	20	Iran called for a meeting of the Security Council on 13 November.	appeal	cooperative meeting						

4.3 Figure D3 Crisis Maps Cuban Missiles

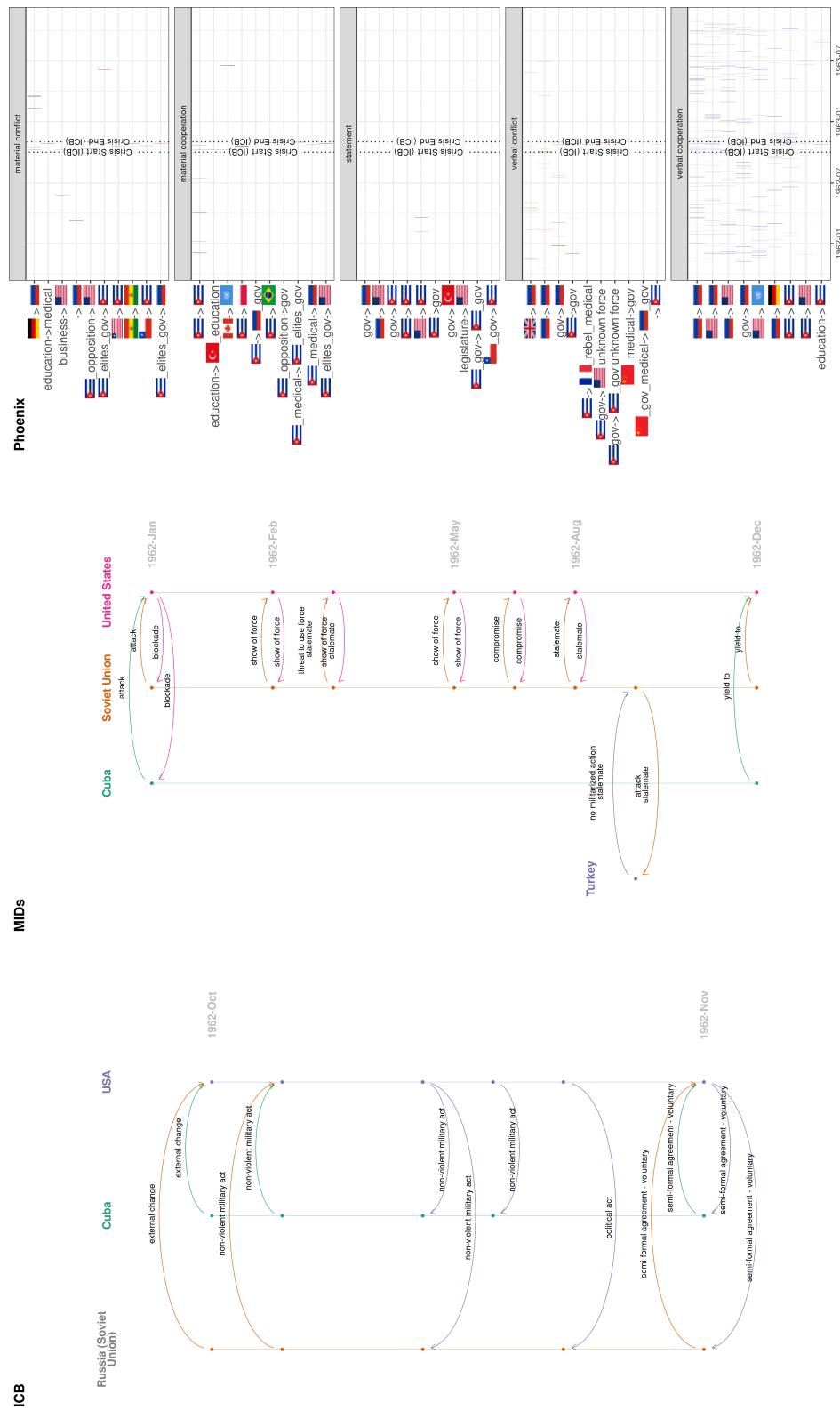
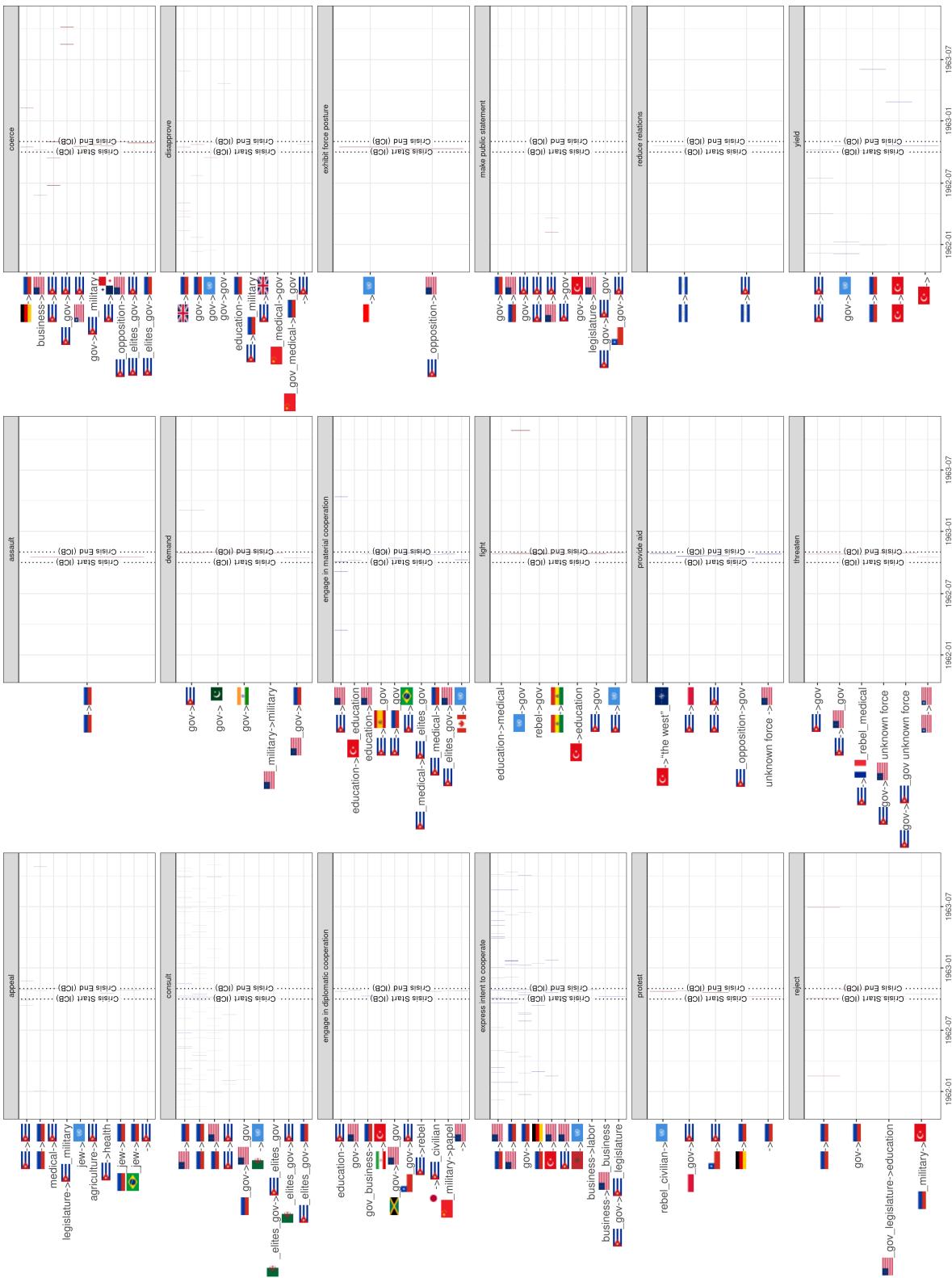


Figure 9: Crisis Maps - Cuban Missiles - Phoenix Disaggregated



4.4 Figure D4 Crisis Maps Crimea-Donbas

Figure 10: Crisis Maps - Crimea-Donbas

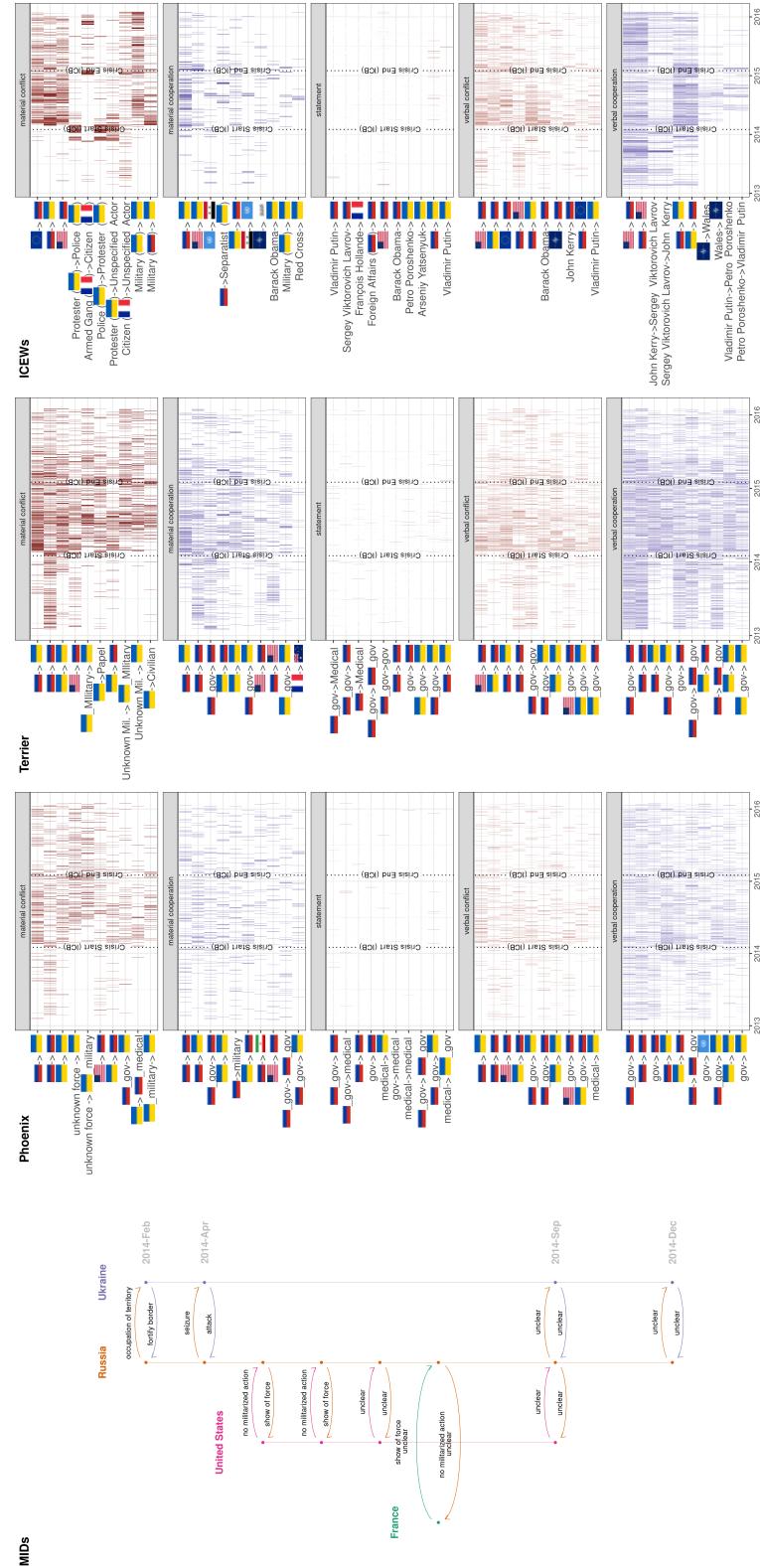


Figure 11: Crisis Maps - Crimea-Dombas Phoenix Disaggregated

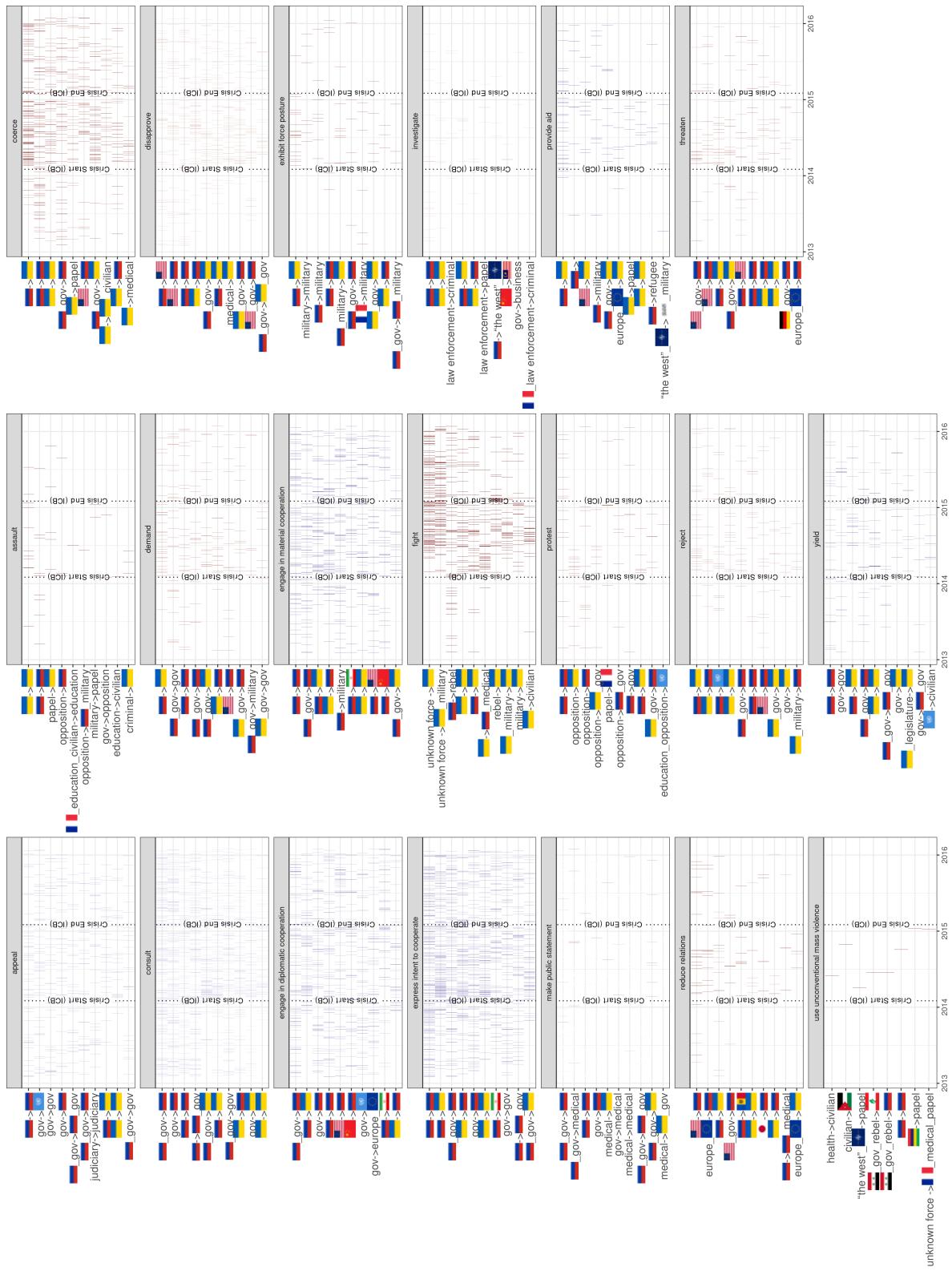


Figure 12: Crisis Maps - Crimea-Dombas Terrier Disaggregated

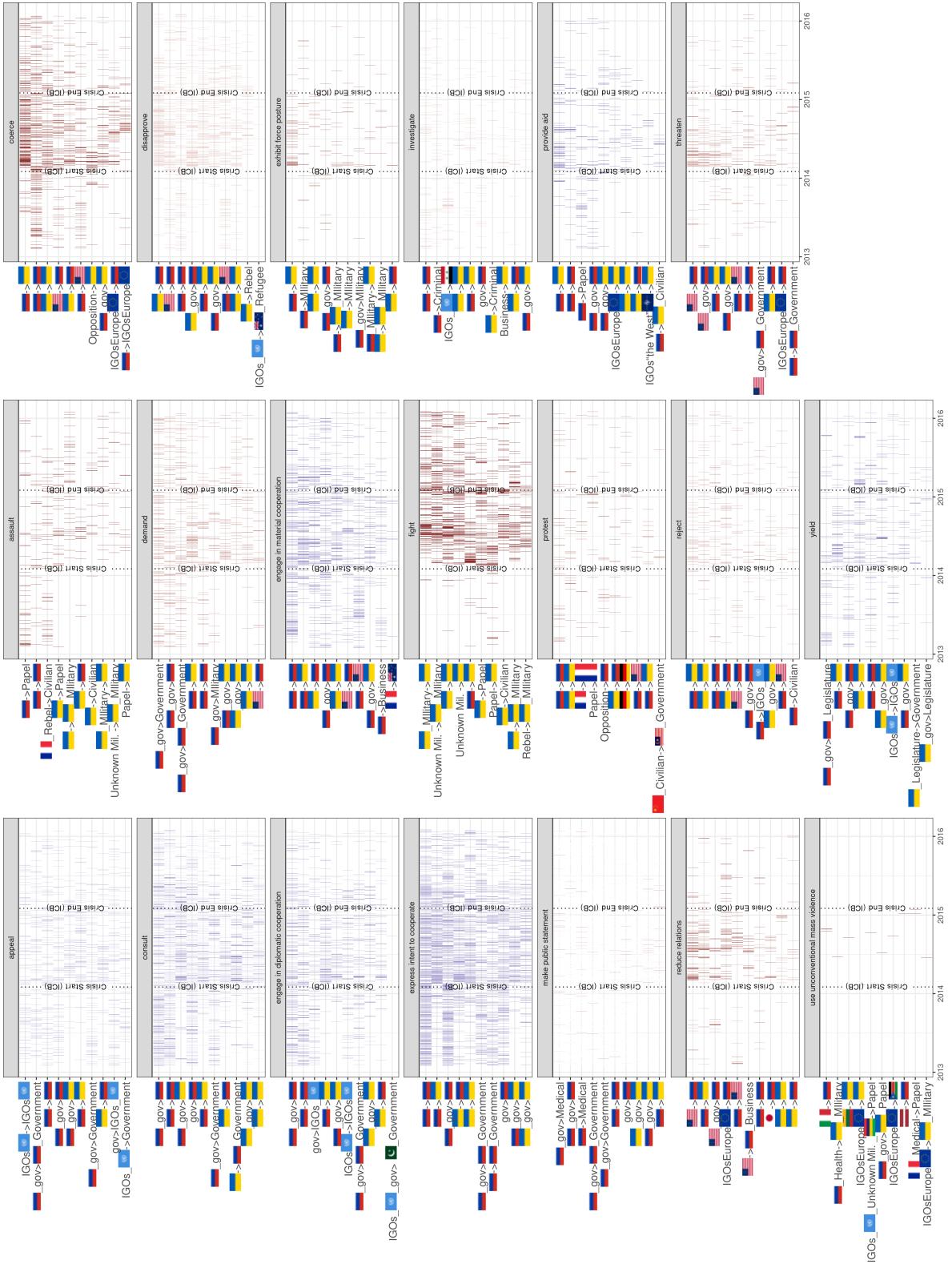
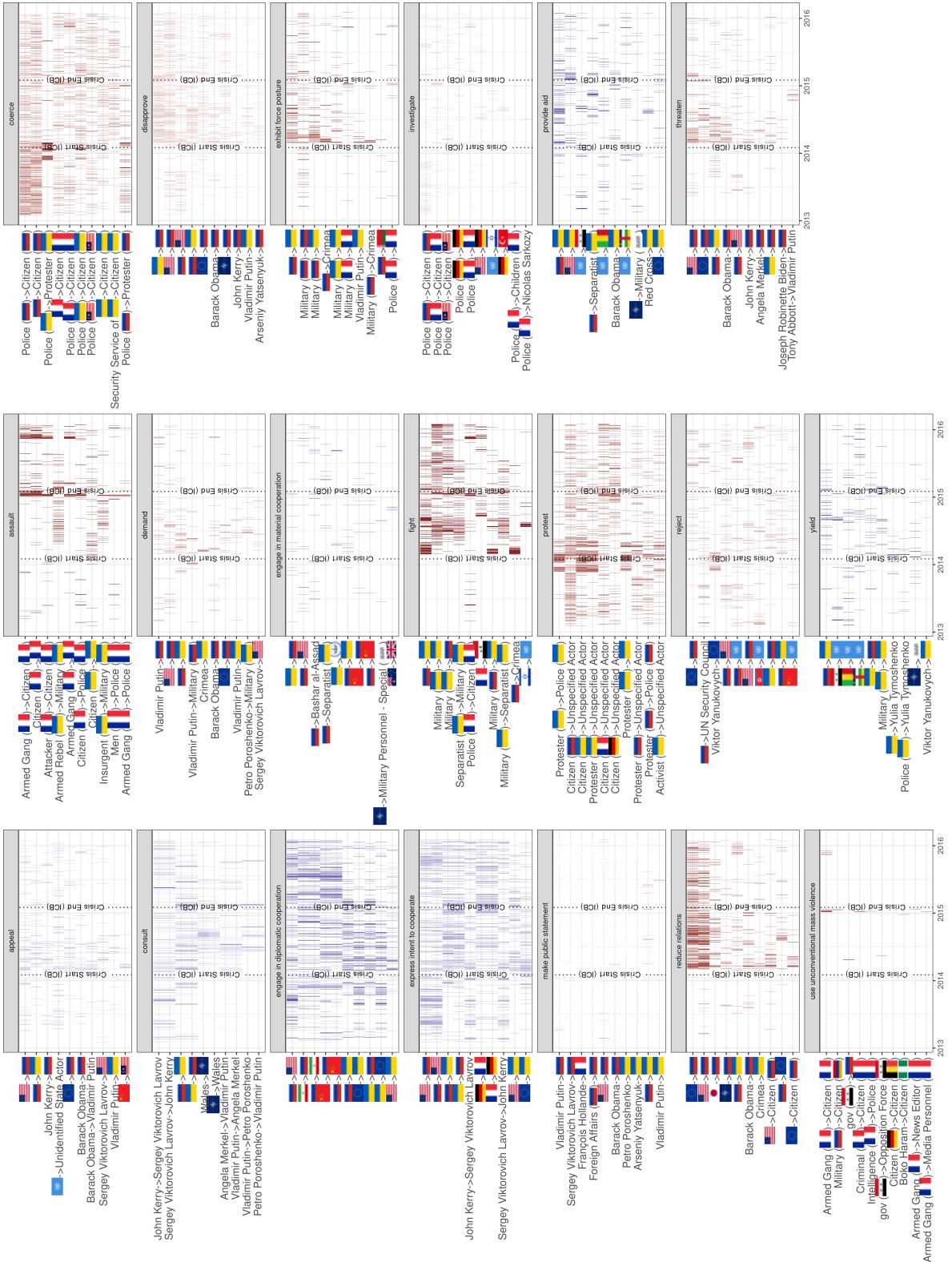


Figure 13: Crisis Maps - Crimea-Donbas ICEWs Disaggregated



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