



“Everything on Paper Will Be Used Against Me”: Quantifying Kissinger

A Computational Analysis of the Digital National Security Archive's Henry A. Kissinger Correspondence Collection, 1968-1977

by
Micki Kaufman

Topic Weighting Comparisons: Memcons and Telcons

<http://mickikaufman.com/d3/stack-stack.html>

Introduction to the project

- **A fascinating 'Big Data' problem:** the DNSA Kissinger Collections contains more than 2 gigabytes of text comprising 17,500+ meeting memoranda ('memcons') and teleconference transcripts ('telcons') detailing Kissinger correspondence during the period 1969-1977, comprising his tenure as National Security Adviser (1969-1975) and Secretary of State (1973-1977).
www.gwu.edu/~nsarchiv/nsa/publications/DOC_readers/kissinger/
- **This project is an attempt to leverage some of these computational techniques** ('word frequency/ngram analysis,' 'word frequency correlation,' 'topic modeling,' 'network mapping,' 'computer-aided visualization')
- **Not the first such problem to face social scientists and humanists:** from Cliometrics to Cliodynamics historians and social scientists have grappled with new methodologies, tools, methods and readings/interpretations of quantitative data, adapting them from fields as widely diverse as Computer Science and Comparative Literature. Many others remain to be invented.
- **Risks of 'Big Data' are real:** Need to separate correlation vs. causation, different activities interpretation vs. integration

Tools for Text Analysis of Historical Documents

- Data Collection and Management
 - *DownThemAll* <http://www.downthemall.net/>
 - *Microsoft Excel / OpenOffice*
 - *TextWrangler / SublimeText / NotePad* <http://www.barebones.com/products/textwrangler/>
 - *NameChanger* <http://www.mrrsoftware.com/MRRSoftware/NameChanger.html>
- Word Frequency and Correlation
 - *AntConc* by Laurence Anthony, PhD <http://www.antlab.sci.waseda.ac.jp/software.html>
- Topic Modeling
 - *MALLET* by Andrew McCallum and David Mimno <http://mallet.cs.umass.edu/index.php>
- Sentiment Analysis
 - *LIWC2007* by James W. Pennebaker, PhD <http://www.liwc.net/>
- Visualization
 - Network Graphing: Gephi <http://www.gephi.org>
 - Visualization and Statistics: R <http://www.r-project.org>



SEARCH DOCUMENTS

DOCUMENTS: FULL RECORD

MARKED LIST
> (0 ITEMS)

☐ Add to Marked List

Citation: [\[Attendance at National Security Meeting; Best Available Copy\]](#)

Non-Classified, Memorandum of Telephone Conversation, Annotated Copy, January 1150 Local Time, 1 pp.

Collection: Kissinger Telephone Conversations

Item Number: KA00001

Origin: United States. Assistant to the President. National Security Affairs

Location of Original: National Archives. Richard Nixon Presidential Library and Museum. Henry A. Kissinger Conversation Transcripts (Telcons). Collection. Box 1. January 21-31, 1969

Individuals/ Organizations Named: [Nixon, Richard M.](#) | Volcker, Paul A. | United States. National Security Council

Participant(s): Kennedy, David M.

Subjects: [Bureaucracy](#) | [Meetings and schedules](#)

Abstract: David Kennedy indicates to Henry Kissinger that he would like to be invited to the next meeting of the National Security Council.

Full Text: [Document image](#)

docid	doctitle	date	classification	category	pages
144	[U.S. Military Assistance to Israel; Attached to Cover f	4-Jun-70	Secret	Memorandum of Conversation	3
145	[British Ambassador Freeman and Henry Kissinger Dis	5-Jun-70	Secret	Letter	3
146	Persian Gulf	5-Jun-70	Secret	Minutes	7
147	[Discussion of Middle East Negotiations]	6-Jun-70	Secret	Letter	3
148	Jordan	11-Jun-70	Top Secret	Minutes	13
149	Jordan	12-Jun-70	Top Secret	Minutes	7
150	My June 10 Meeting with Ambassador Dobrynin	15-Jun-70	Top Secret	Memorandum	13
151	Cambodia	15-Jun-70	Top Secret	Minutes	11
152	Mediterranean, Greece, Italy: NSSM 90	17-Jun-70	Secret	Memorandum of Conversation	8
153	[Meeting with Pakistani Ambassador Agha Hilaly]	17-Jun-70	Top Secret	Memorandum of Conversation	3
154	Middle East	22-Jun-70	Secret	Minutes	14
155	[Strategic Arms Limitation Talks Agreement]	23-Jun-70	Top Secret	Memorandum of Conversation	2
156	Verification Panel	24-Jun-70	Top Secret	Minutes	12
157	Vietnam Cease-Fire and Peace Initiatives	27-Jun-70	Top Secret	Minutes	24
158	U.S. Military Assistance to Indonesia	1-Jul-70	Top Secret	Memorandum of Conversation	6
159	[Meeting with Anatolii Dobrynin]	7-Jul-70	Top Secret	Memorandum of Conversation	2
160	The Middle East	9-Jul-70	Top Secret	Minutes	12
161	U.S. Military Assistance to Indonesia	10-Jul-70	Top Secret	Memorandum of Conversation	6
162	My Recent Conversations with Ambassador Dobrynin	16-Jul-70	Top Secret	Memorandum	10
163	Defense Budget	17-Jul-70	Top Secret	Minutes	14
164	Middle East	20-Jul-70	Top Secret	Minutes	5
165	My July 20 Meeting with Dobrynin	21-Jul-70	Top Secret	Information Memorandum	7
166	NSC Meeting: Vietnam Ceasefire and Possible Diplom	21-Jul-70	Top Secret	Memorandum of Conversation	6
167	[Meeting with Indian Ambassador Jha; Attached to Co	22-Jul-70	Secret	Memorandum of Conversation	6
168	MBFR Verification Panel	30-Jul-70	Secret	Minutes	11
169	Conversation with Vorontsov--Map Room--August 4,	4-Aug-70	Classification	Memorandum of Conversation	2
170	Meeting between Israeli Ambassador Rabin and Mr. K	6-Aug-70	Top Secret	Memorandum	8
171	Conversation with Vorontsov--August 7, 1970	7-Aug-70	Classification	Memorandum of Conversation	2
172	Middle East	12-Aug-70	Secret	Minutes	9
173	[Discussion with Yitzhak Rabin]	15-Aug-70	Top Secret	Memorandum of Conversation	8
174	German-Soviet Negotiations	17-Aug-70	Secret	Memorandum of Conversation	5
175	My Meeting Today with Vorontsov on Possible Summ	19-Aug-70	Top Secret	Action Memorandum	2
176	Conversation with Brandt's Foreign Policy Advisor, Eg	20-Aug-70	Secret	Information Memorandum	6
177	U.S. Strategies and Forces for NATO (NSSM 84) [and]	31-Aug-70	Top Secret	Minutes	17

Obtain and Examine the
 ‘Metadata:’ *useful,
 descriptive information
 about the documents*

[Durable URL for this record](#)

NARA v. Wikileaks

NARA - AAD - Display Partial Records - Electronic Telegrams, 1/1/1975 - 12/31/1975

NARA - A... x Full-text sea... Cable: 1975S... Cable: 1975S... DU Democratic ... CU Directory...

aad.archives.g shirley

AAD Series Description Free-text Results Partial Records

AAD TOOLS FILE UNIT INFORMATION Bookmark/Share Help

Search this File Unit

295319 Search Advanced Search

Search within a field

Results per page 10

View Record	Draft Date	Document Number	Film Number	From	Subject	TAGS	To	Message Text
	15 DEC 1975	1975STATE295319	P850012-2136	STATE	ACTION MEMORANDUM: INDONESIAN USE OF US-SUPPLIED WEAPONS IN PORTUGUESE TIMOR	PFOR, PEPR, MASS, PT, ID, US	SECRETARY	MRN: 1975STATE 295319 SEGMENT NUMBER: 000001 EXPAND ERROR ENCOUNTERED; TELEGRAM TEXT FOR THIS SEGMENT IS UNAVAILABLE

NARA v. Wikileaks

Cable: 1975STATE295319_b

NARA - AAD - ... x Full-text search x Cable: 1975ST... x Cable: 1975ST... x DU Democratic Un... x CU Directory o... x

https://www.wikileaks.org/plusd/ca shirley temp

1966 1972 1973
1974 1975 1976
1978 1979 1985
1986 1987 1988
1989 1990 1991
1992 1993 1994
1995 1996 1997
1998 1999 2000
2001 2002 2003
2004 2005 2006
2007 2008 2009
2010

Browse by Classification
UNCLASSIFIED
CONFIDENTIAL
LIMITED OFFICIAL USE
SECRET
UNCLASSIFIED//FOR
OFFICIAL USE ONLY
CONFIDENTIAL//NOFORN
SECRET//NOFORN

Browse by Handling Restriction
KDIS - Exclusive Distribution Only
MDIS - Limited Distribution Only
DDIS - No Distribution (other than to persons indicated)
ADIS - State Distribution Only
ONLY - Eyes Only
NOFORN - No Foreign Distribution
LOU - Limited Official Use SENSITIVE -
BU - Background Use Only
US - US Government Only
NDIS - Controlled Distribution

Browse by TAGS
PFOR PREL PGOV ETRD
KC OGEN UR EFIN CVIS
P BEXP ASEC CASC ECON
T EAID OTRA PHUM ENRG
TO PINS OCON JA MARR
GE UK PARM APER IS
R FR EG EAGR SREF
SS SNAR
SINGER, HENRY A TU

PUBLIC LIBRARY OF US DIPLOMACY

Text search View Map Make Timegraph View Tags Image Library

ACTION MEMORANDUM: INDONESIAN USE OF US-SUPPLIED WEAPONS IN PORTUGUESE TIMOR

Date: 1975 December 15, 00:00 (Monday) Canonical ID: 1975STATE295319_b
Original Classification: SECRET Current Classification: UNCLASSIFIED
Handling Restrictions: NODIS Character Count: 123
Executive Order: GS Locator: ADS TEXT UNRETRIEVABLE, TEXT ON MICROFILM
TAGS: ID - Indonesia I MASS - Military and Defense Affairs--Military Assistance and Sales I PEPR - PEPR I PFOR - Political Affairs--Foreign Policy and Relations I PT I US - United States Concepts: CAT-C I MILITARY ASSISTANCE PROGRAMS I MILITARY EQUIPMENT I POLICIES I TOSEC
Enclosure: -- N/A or Blank -- Type: TE
Office Origin: ORIGIN SS Archive Status: Electronic Telegrams
Office Action: -- N/A OR BLANK --
From: DEPARTMENT OF STATE Markings: Margaret P. Grafeld
Declassified/Released US Department of State EO Systematic Review 06 JUL 2006
To: SECRETARY OF STATE

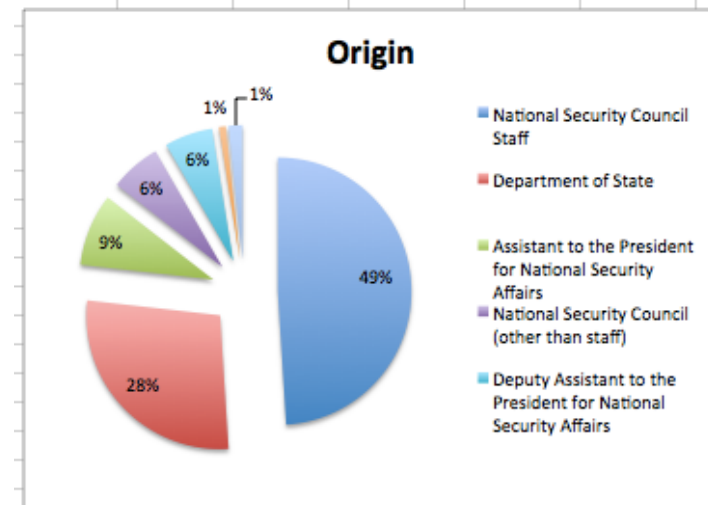
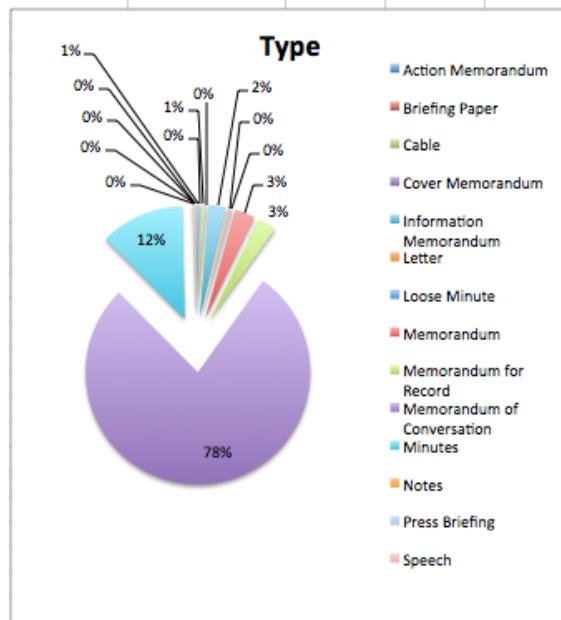
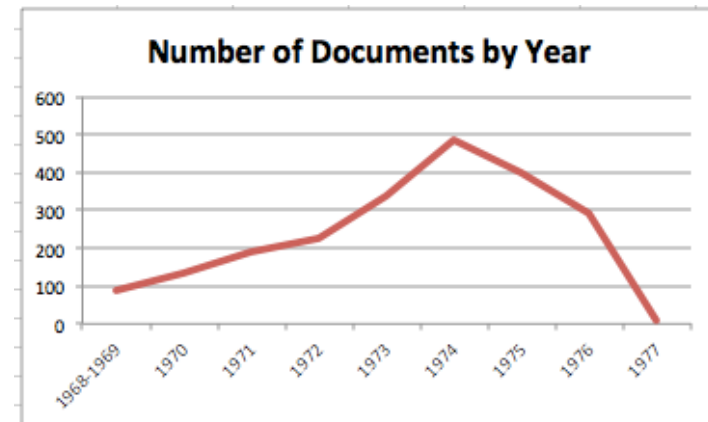
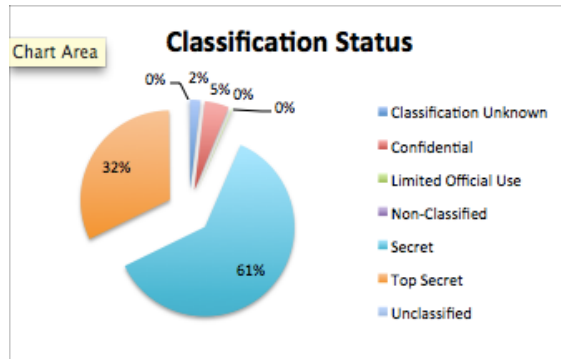
Content

MRN: 1975STATE 295319 SEGMENT NUMBER: 000001 EXPAND ERROR ENCOUNTERED;
TELEGRAM TEXT FOR THIS SEGMENT IS UNAVAILABLE

Raw content

MRN: 1975STATE 295319 SEGMENT NUMBER: 000001 EXPAND ERROR ENCOUNTERED;
TELEGRAM TEXT FOR THIS SEGMENT IS UNAVAILABLE

Even the first step (gathering metadata) allows for useful analysis.



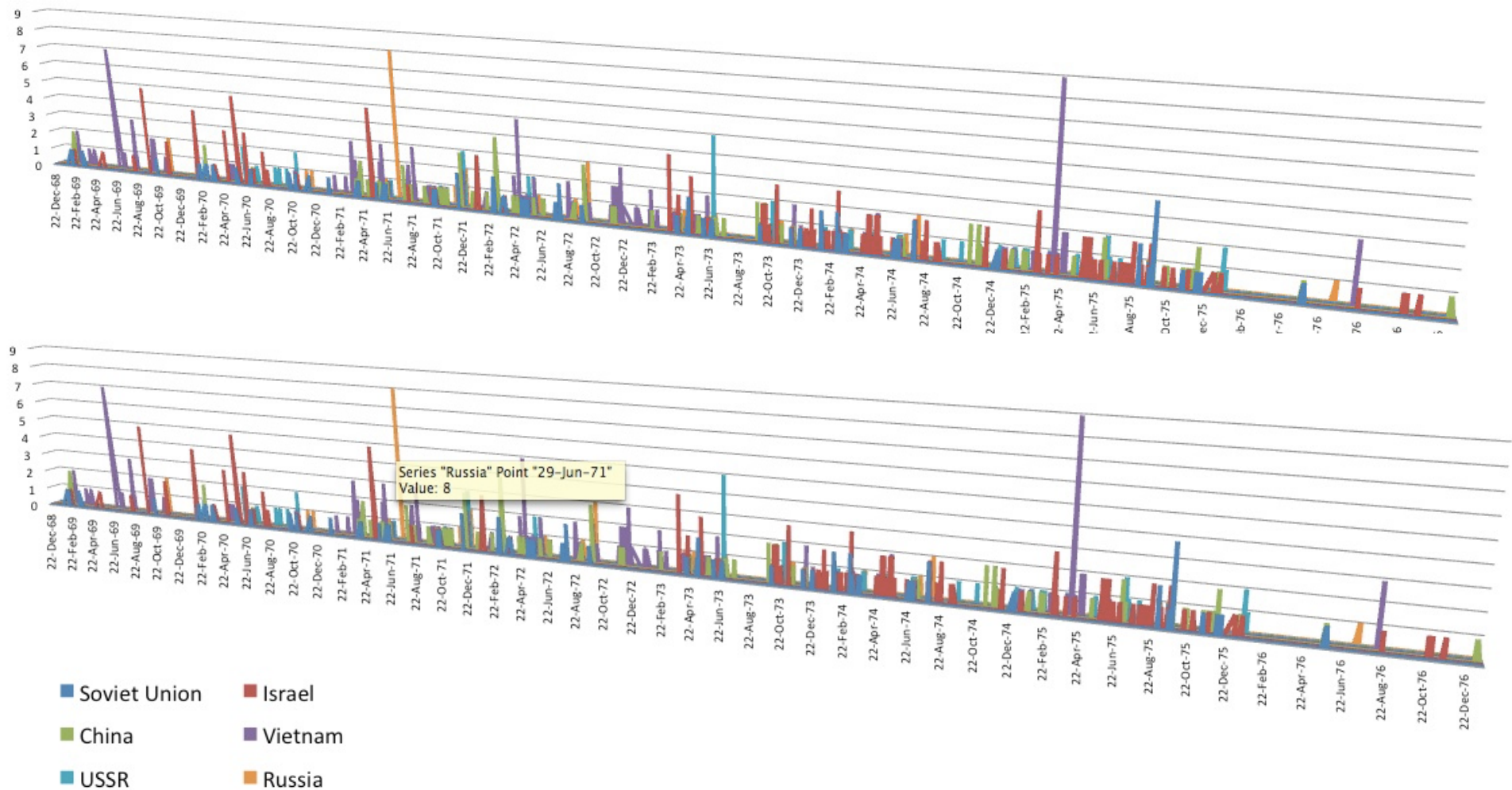
all the words and combinations of words



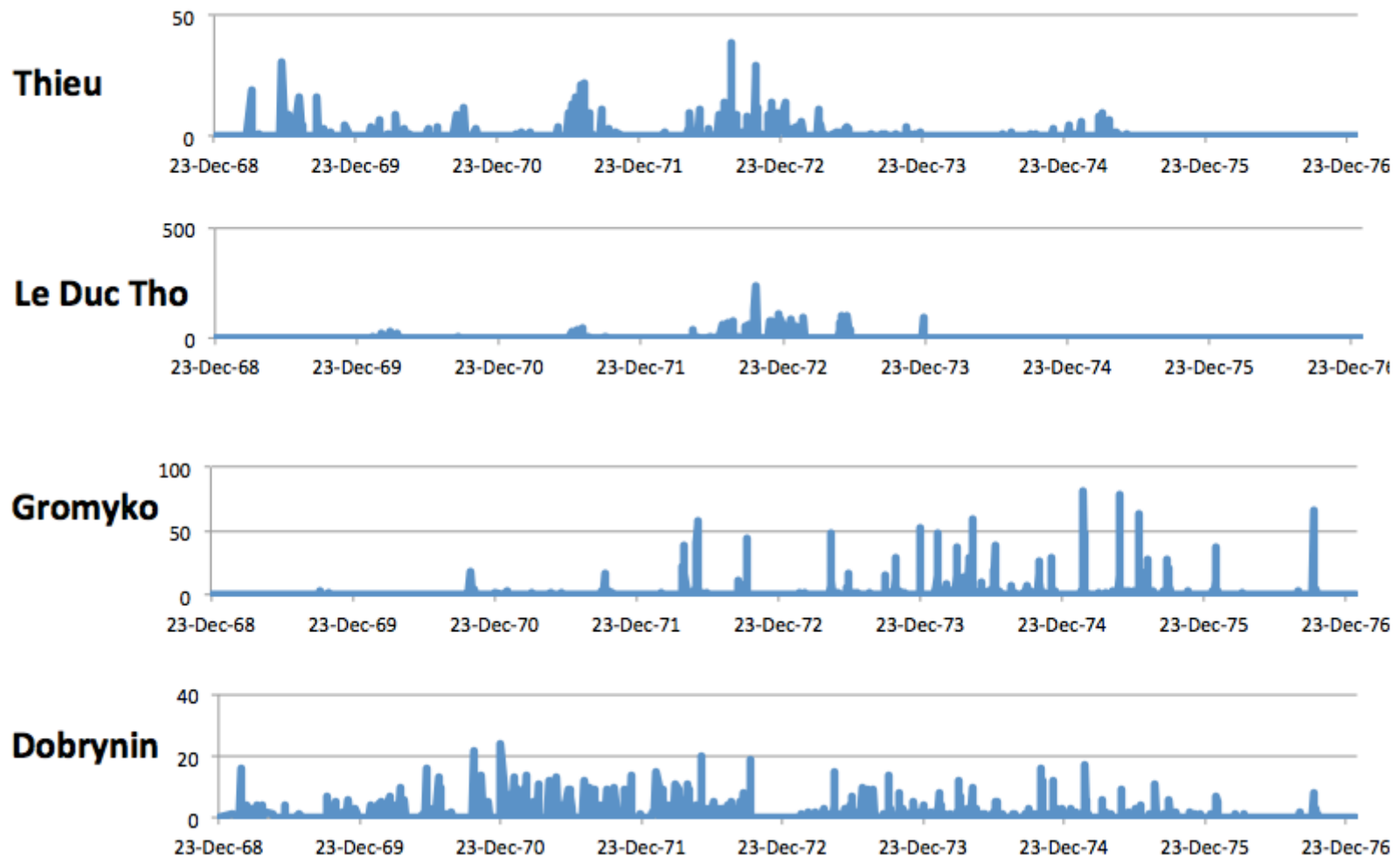
‘Word Cloud’

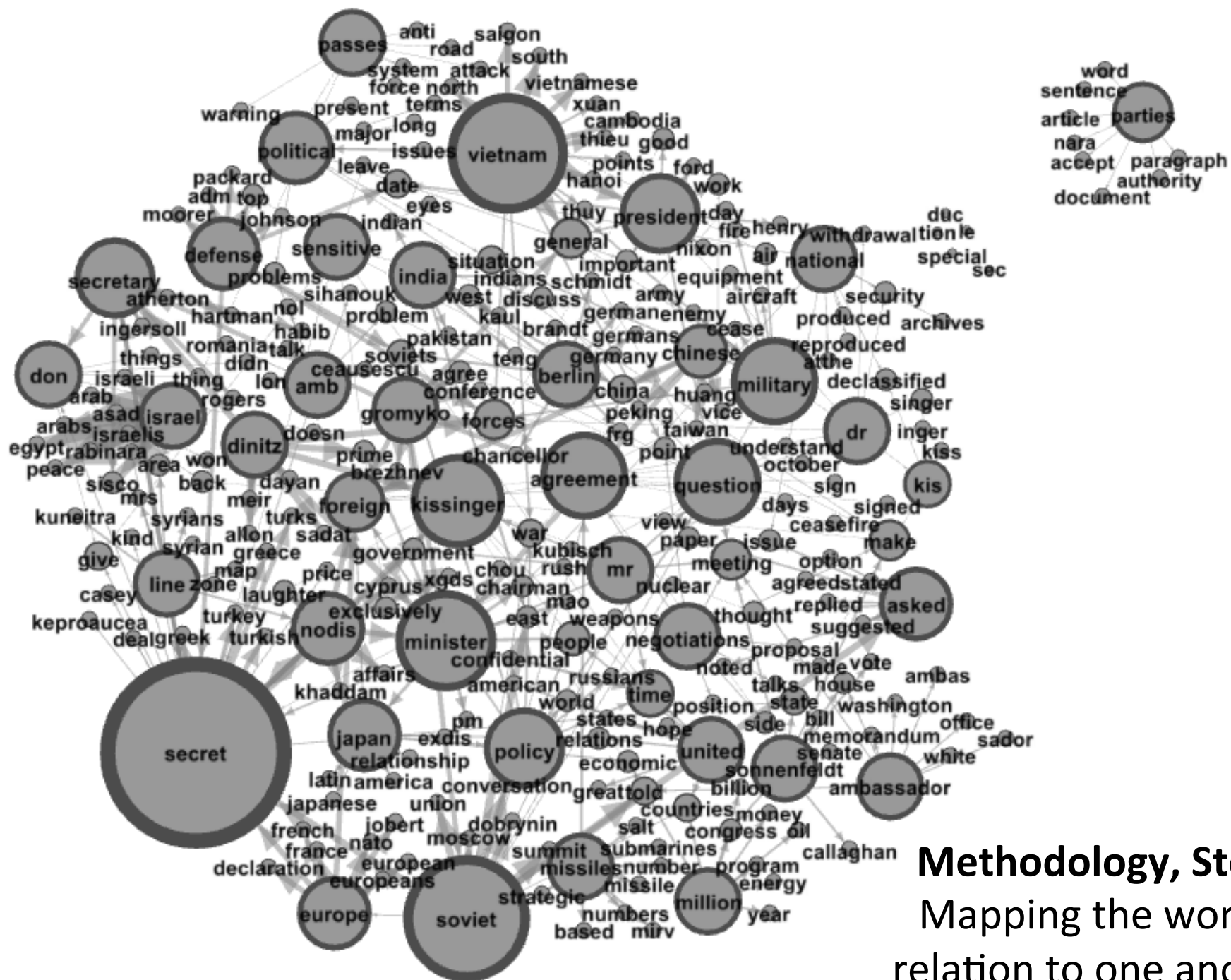
Counting the frequency of all the words and combinations of words

Word Frequency



Counting the frequency of all the words and combinations of words





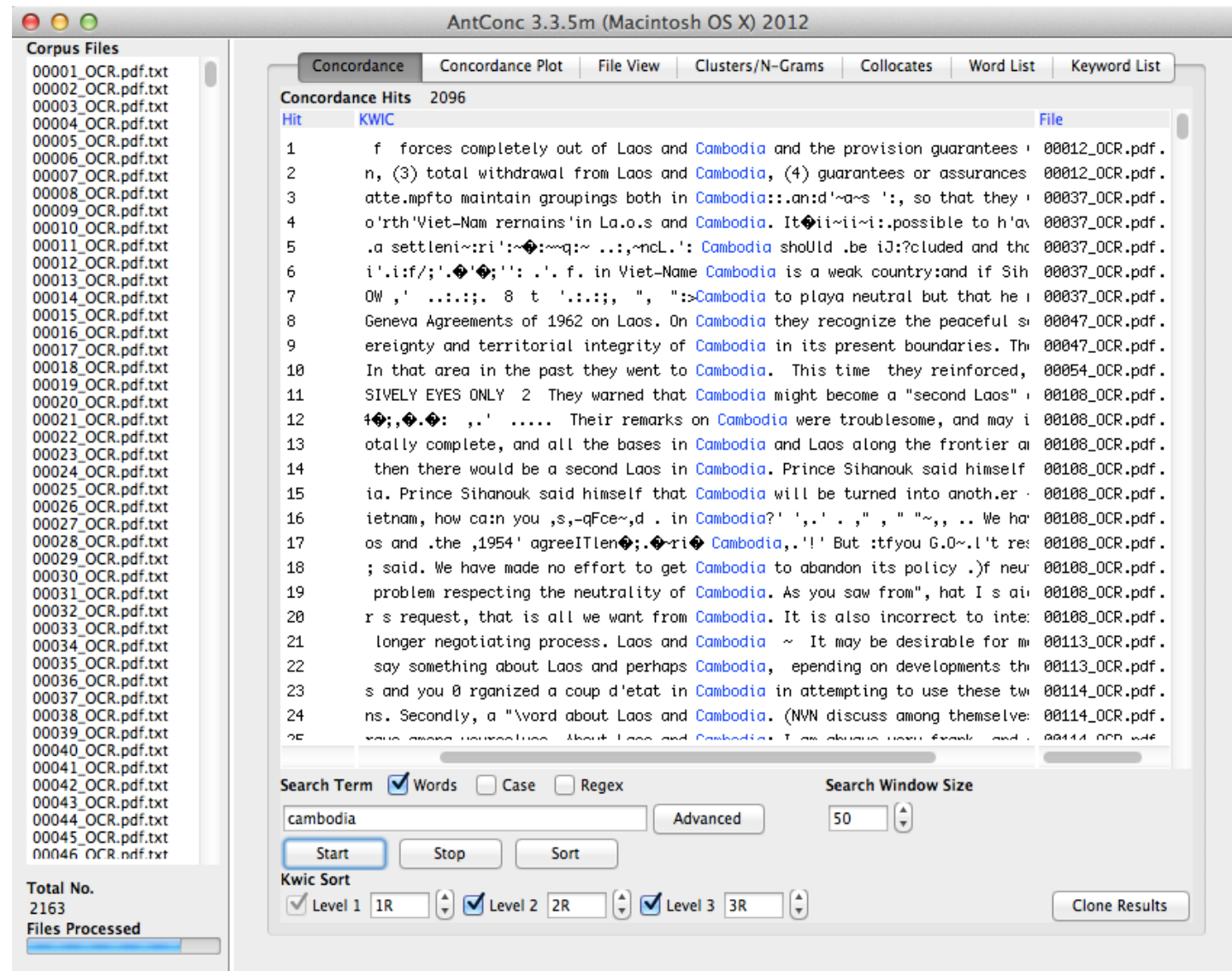
Methodology, Step 3, cont'd: Word Frequency Correlation

<http://www.mickikaufman.com/cuny/fruc4b-hi.png>

Memcons-bombing

<http://www.mickikaufman.com/cuny/fruc4b-hi.png>

Counting Frequency:



AntConc: <http://www.antlab.sci.waseda.ac.jp/software.html>

Counting Correlation:

AntConc 3.3.5m (Macintosh OS X) 2012

Corpus Files

- 00001_OCR.pdf.txt
- 00002_OCR.pdf.txt
- 00003_OCR.pdf.txt
- 00004_OCR.pdf.txt
- 00005_OCR.pdf.txt
- 00006_OCR.pdf.txt
- 00007_OCR.pdf.txt
- 00008_OCR.pdf.txt
- 00009_OCR.pdf.txt
- 00010_OCR.pdf.txt
- 00011_OCR.pdf.txt
- 00012_OCR.pdf.txt
- 00013_OCR.pdf.txt
- 00014_OCR.pdf.txt
- 00015_OCR.pdf.txt
- 00016_OCR.pdf.txt
- 00017_OCR.pdf.txt
- 00018_OCR.pdf.txt
- 00019_OCR.pdf.txt
- 00020_OCR.pdf.txt
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- 00035_OCR.pdf.txt
- 00036_OCR.pdf.txt
- 00037_OCR.pdf.txt
- 00038_OCR.pdf.txt
- 00039_OCR.pdf.txt
- 00040_OCR.pdf.txt
- 00041_OCR.pdf.txt
- 00042_OCR.pdf.txt
- 00043_OCR.pdf.txt
- 00044_OCR.pdf.txt
- 00045_OCR.pdf.txt
- 00046_OCR.pdf.txt

Total No. 2163
Files Processed

Concordance | Concordance Plot | File View | Clusters/N-Grams | **Collocates** | Word List | Keyword List

Total No. of Collocate Types: 3242 Total No. of Collocate Tokens: 84865

Rank	Freq	Freq(L)	Freq(R)	Stat	Collocate
1	5185	2625	2560	5.51941	the
2	2803	328	328	10.20885	cambodia
3	2560	1312	1248	6.15922	and
4	2385	1252	1133	5.28776	to
5	2233	1412	821	6.09558	in
6	2205	1264	941	5.69936	of
7	1762	743	1019	5.48266	we
8	1342	633	709	5.27595	that
9	1295	559	736	4.64624	i
10	1234	554	680	5.34883	is
11	1227	601	626	5.02793	a
12	1070	724	346	11.11243	laos
13	980	446	534	5.42652	you
14	889	367	522	4.89421	it
15	887	515	372	5.76752	on
16	840	376	464	5.39163	have
17	687	301	386	5.49759	will
18	668	313	355	5.14777	kissinger
19	646	275	371	5.16067	be
20	627	279	348	5.61283	are
21	626	373	253	5.51512	for
22	555	241	314	5.22726	this
23	553	229	324	5.27054	not
24	532	326	206	8.18617	vietnam

Search Term ☒ Words ☐ Case ☐ Regex

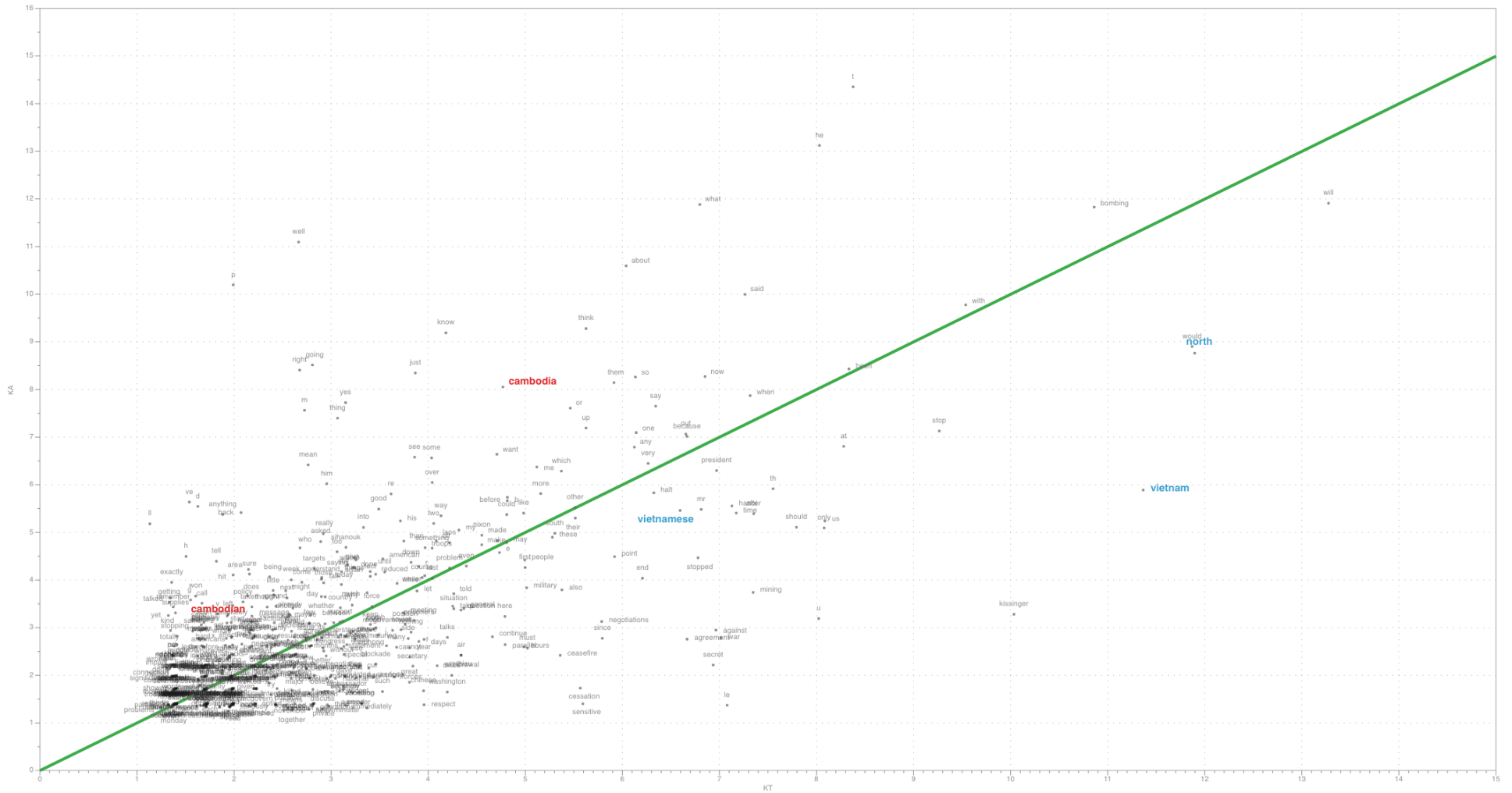
cambodia Advanced Window Span ☐ Same From... 20L To... 20R

Start Stop Sort Min. Collocate Frequency 2 Clone Results

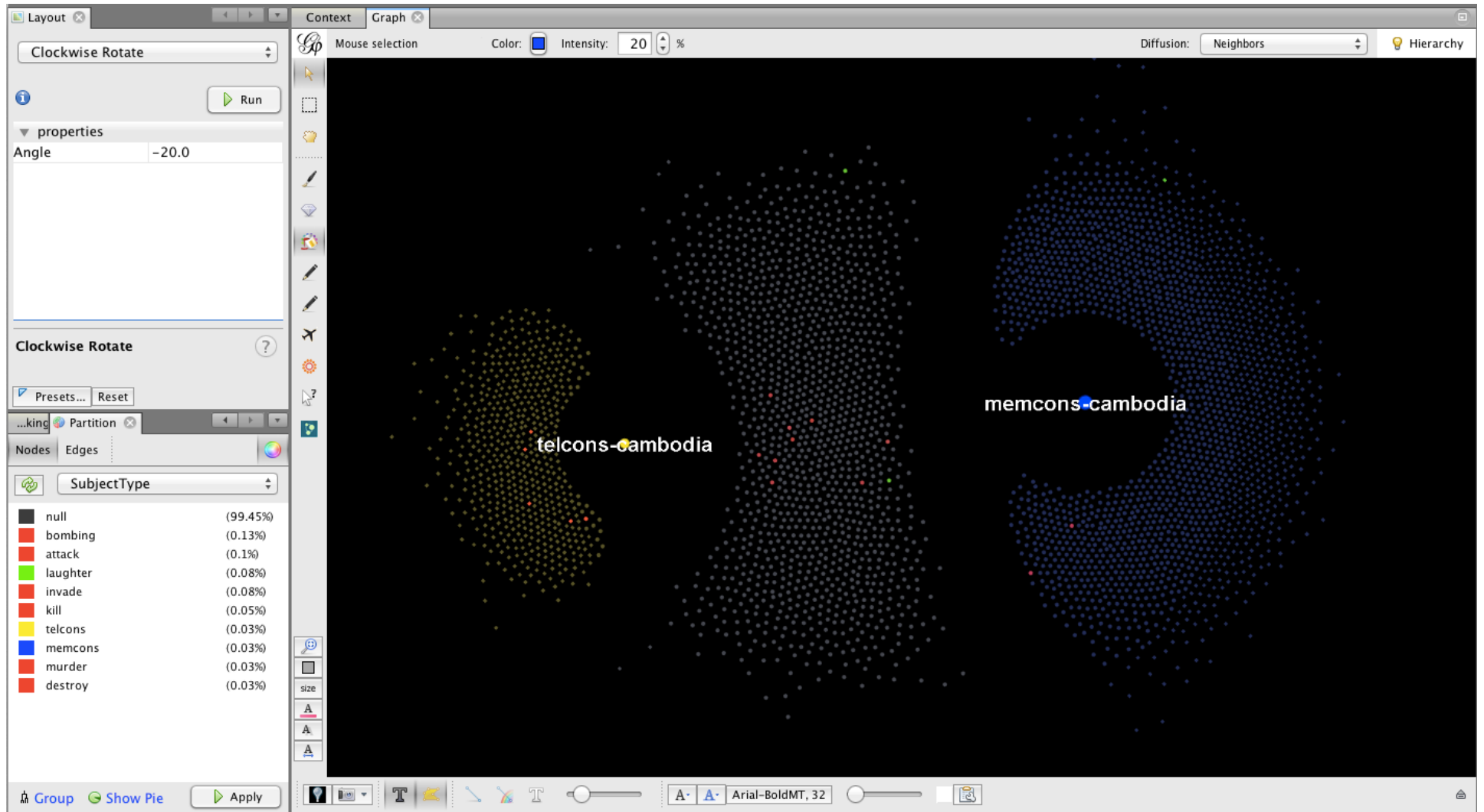
Sort by ☐ Invert Order Sort by Freq

AntConc: <http://www.antlab.sci.waseda.ac.jp/software.html>

'Bombing'

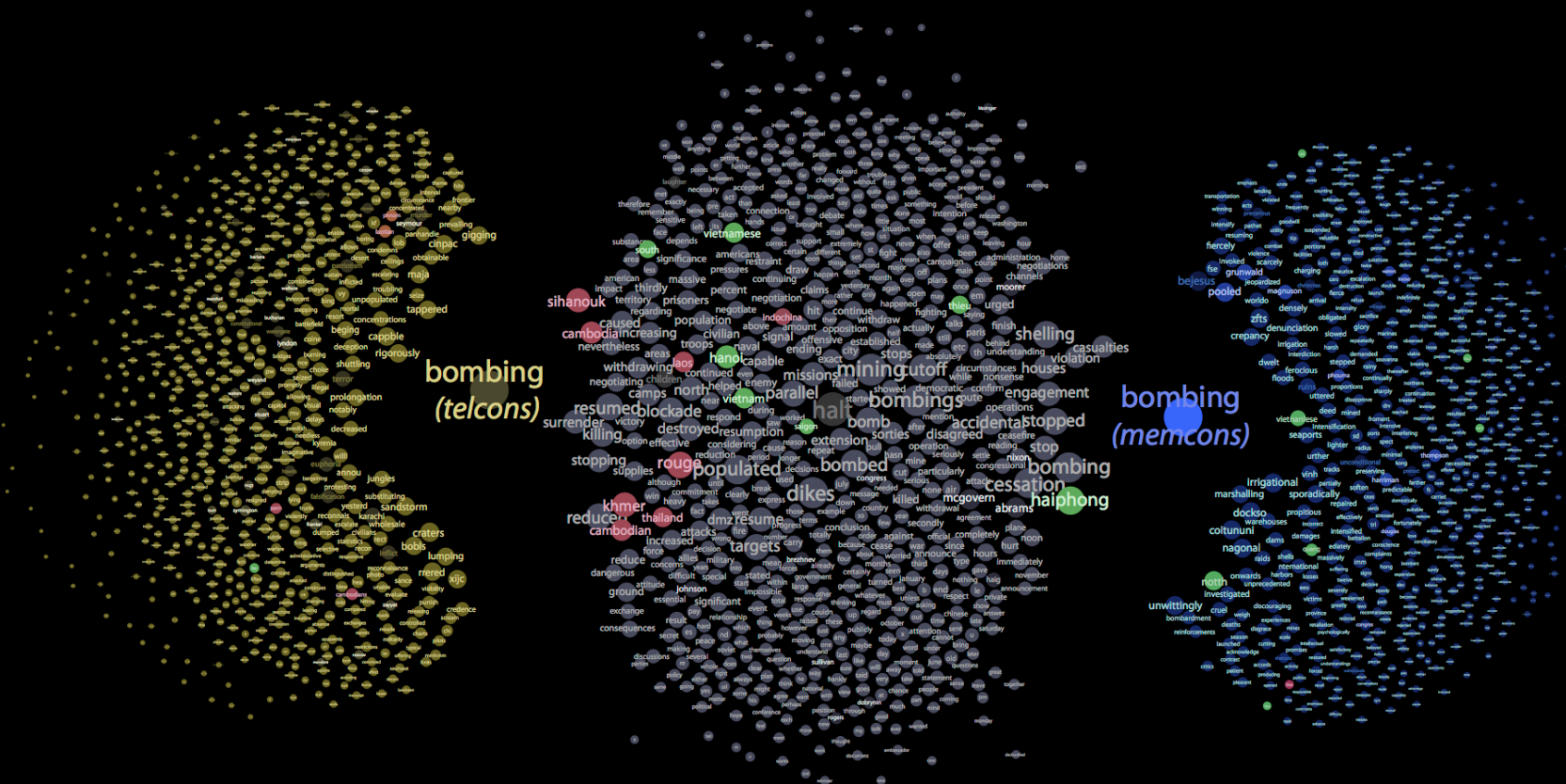


Visualizing Correlation:



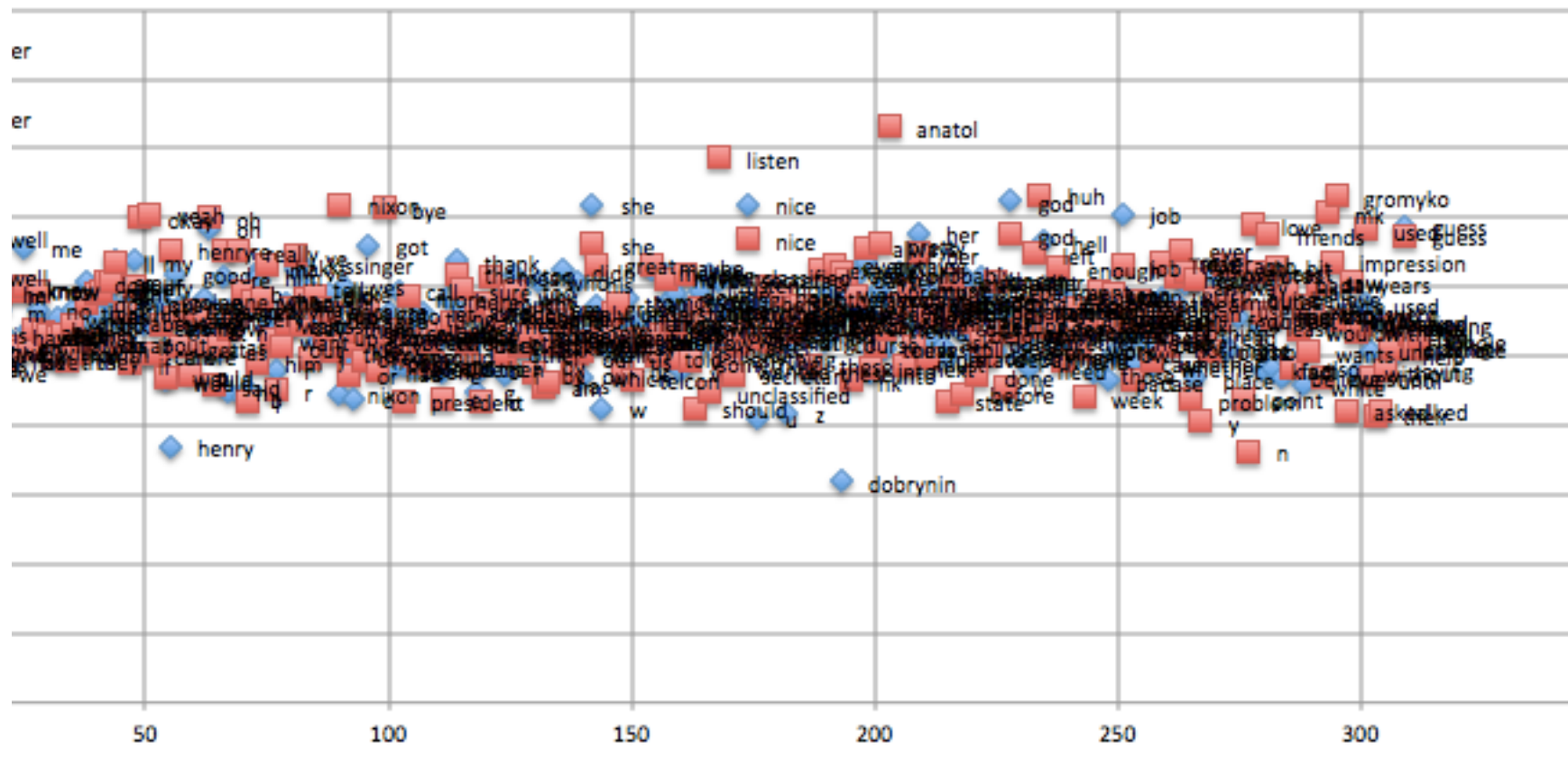
Gephi: <http://gephi.org>

Word Frequency Correlation: Target Word: 'Bombing'



Word Frequency Correlation: 'Laughter'

Laughter (KT Lookup - KA variance)

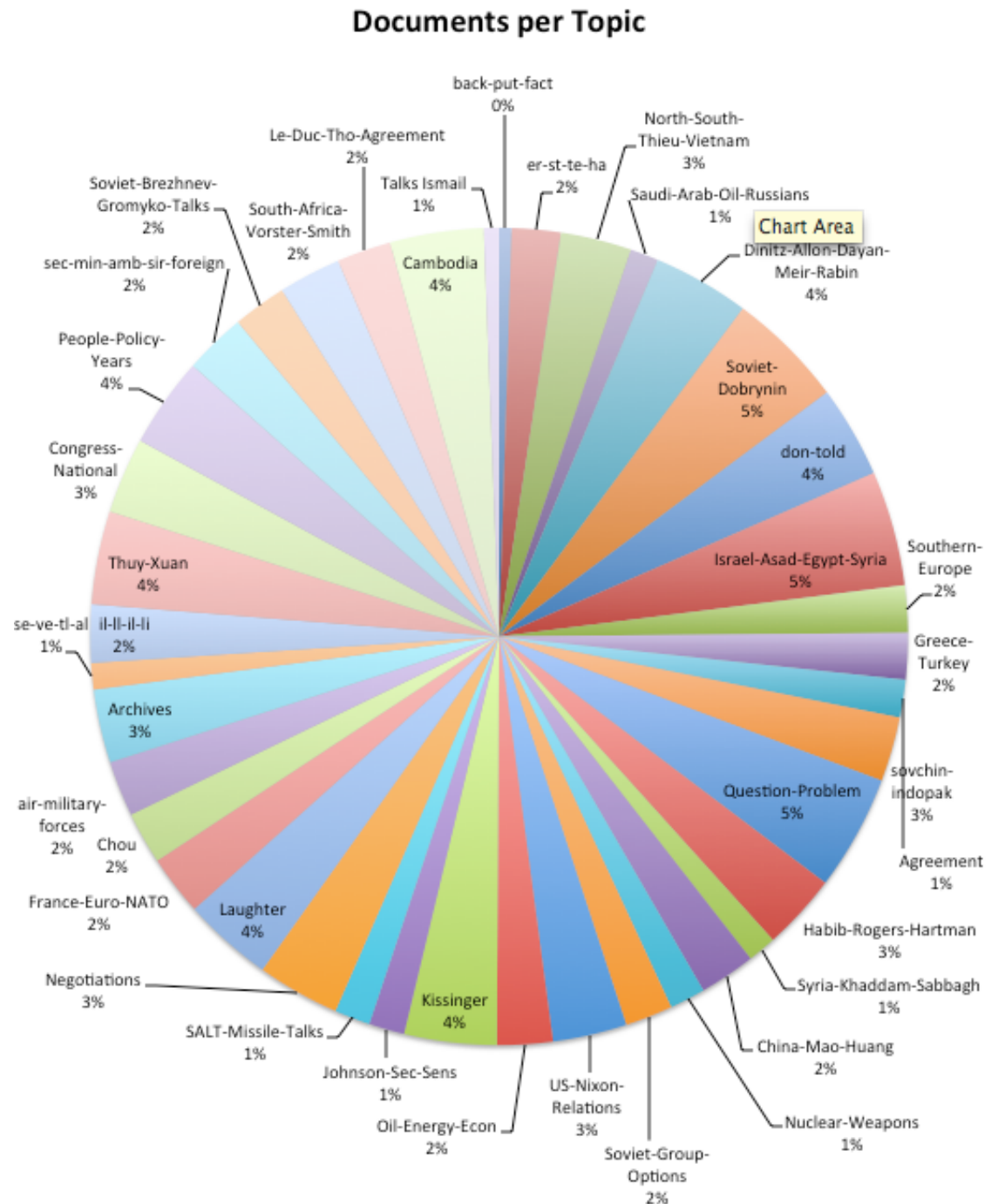


Methodology, Step 4:

Topics are defined and assigned based upon the archive's content – a broad range of subject matter, geographical regions, and individual participants.

Topic Modeling:
MALLET

<http://mallet.cs.umass.edu/>



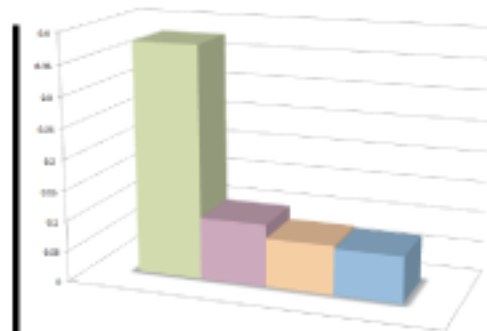
Methodology, Step 4: 'Topic modeling,' cont'd.

responded that more ^{support} ~~means~~ for cadres ^{was} ~~were~~ necessary. **President**

Nixon mentioned that **Hanoi** has never had ^{real} elections and is thus employing a double standard. **Thieu** pointed out that 56% of those "elected" in **North Vietnam** were women. This shows the magnitude of their manpower problem. He reiterated that there would be elections after the withdrawal of non-**South Vietnamese forces**. Thieu was prepared for good international supervision -- even without troops. **President**

Nixon wondered whether the GVN could siphon off the **political forces** in the center to weaken the Viet Cong. **Thieu** responded that when we have a common position on our side, we can have a united front. What made the middle ground in Saigon so uncertain was the fear that the U.S. would withdraw support. Hence, many politicians were holding themselves available for a coalition **government** with the NLF.

President Nixon asked why not a united front now; the GVN is going to win and that is a great asset. Thieu stated very frankly that there was a sagging ^{of spirit} in Saigon. Many still believe that the Viet



North-South-Thieu-Vietnam
.379

US-Nixon-Relations
.102

Soviet-Dobrynin
.08

Air-Military-Forces
.076

Methodology, Step 4: 'Topic modeling,' cont'd.

Assembling the documents into 40 'topics' grouped by word frequency

back-put-fact

back put fact move made end line thing

er-st-te-ha

er st te ha ng ar ry es

North-South-Thieu-Vietnam

vietnam south north vietnamese political thieu government forces

Saudi-Arab-Oil-Russians

king arab saudi oil russians support question arabia

Dinitz-Allon-Dayan-Meir-Rabin

dinitz line allon dayan meir kissinger secret rabin

Soviet-Dobrynin

dobrynin asked soviet secret meeting president replied moscow

don-told

don told talk didn give make won thing

Israel-Asad-Egypt-Syria

israel asad israelis egypt israeli syria secret arabs

Southern-Europe

callaghan nodis secret portugal italy sonnenfeldt spain sauvagnargues

Greece-Turkey

cyprus turkey turks greek turkish greece secret greeks

Agreement

agreement ii point put draft agree position accept

sovchin-indopak

soviet union east china india pakistan chinese relations

Question-Problem

question problem point fact issue situation view negotiations

Habib-Rogers-Hartman

secretary kissinger habib rogers hartman sisco don ve

Syria-Khaddam-Sabbagh

khaddam II airport date fm rl sabbagh damascus

China-Mao-Huang

chinese chairman huang vice china ch mao iao

Nuclear-Weapons

nuclear weapons forces defense secret national strategic soviets

Soviet-Group-Options

paper thought option asked group agreed options soviets

US-Nixon-Relations

president states united relations nixon world countries important

Oil-Energy-Econ

oil economic countries million trade year price energy

Methodology, Step 4: 'Topic modeling,' cont'd.

Assembling the documents into 40 'topics' grouped by word frequency

Kissinger

kissinger kis singer secret ii back minister washington

Johnson-Sec-Sens

dr kissinger top johnson amb secret sensitive fire

SALT-Missile-Talks

missiles agreement salt missile cruise soviets submarines soviet

Negotiations

discuss side make time prepared meeting meet statement

Laughter

nodis xgds kissinger secret ll laughter ve state

France-Euro-NATO

europe european french nato secret europeans jobert france

Chou

minister chou prime dr kissinger sensitive eyes pm

air-military-forces

air military forces moorer defense president force equipment

Archives

mr kissinger secret don meeting thing time archives

se-ve-tl-al

se ve tl al ent sec ce nt

il-ll-il-li

ii il ll ill li le en pr

Thuy-Xuan

sensitive top eyes exclusively secret date thuy xuan

Congress-National

congress date state national don aid vote authority

People-Policy-Years

people policy years situation foreign war great american

sec-min-amb-sir-foreign

secretary minister foreign secret ambassador sir state conference

Soviet-Brezhnev-Gromyko-Talks

gromyko brezhnev general soviet agreement union conference foreign

South-Africa-Vorster-Smith

africa south nara smith african vorster date british

Le-Duc-Tho-Agreement

tho le duc dr kissinger agreement article parties

Cambodia

ambassador president general cambodia memorandum house sador white

Talks Ismail

declassified security state position talks talk settlement ismail

Compellingly,
topics
assembled by
word frequency
analysis often
closely mirror
the topics
assigned by
researchers and
archivists.

The following list of topics is a summary of the Kissinger Memcons by the Digital National Security Archive:

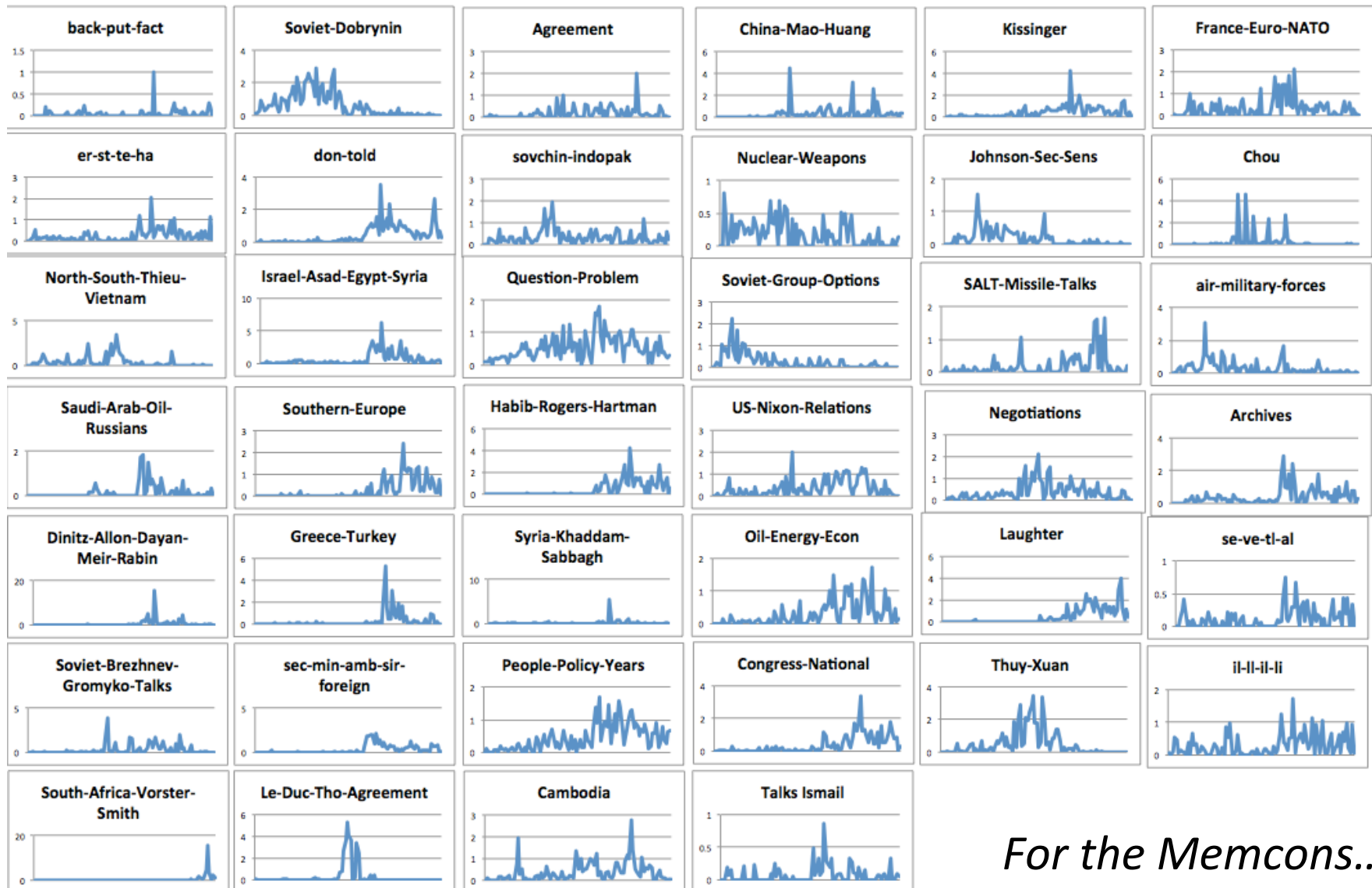
- Wars in Indochina: not only Vietnam, but also Laos and Cambodia, and the White House's managerial role in United States military operations in these countries
- U.S. (especially Kissinger's) interactions with the North Vietnamese, the Chinese, and the Soviets in trying to bring conflicts in Indochina to an end
- the final stages of the Indochina wars, including U.S. reactions to the collapse of the client regime in Saigon and the rise of the Cambodian Khmer Rouge
- U.S.-Soviet détente and Kissinger's conduct of "back channel" diplomacy with the Soviet leadership
- U.S.-China rapprochement, including initial White House efforts to communicate with Beijing; Kissinger's "secret trip" to China, July 1971; and subsequent high-level meetings with Chinese officials, including visits by presidents Nixon and Ford in 1972 and 1975, respectively
- developments in South Asia, including the 1971 India-Pakistan war and the Nixon/Kissinger tilt to Pakistan during that crisis
- the Middle East, including U.S. conduct during the 1973 October War and Kissinger's role as shuttle diplomat during 1974-1975
- revolutions in Portugal and its colonies and U.S. policy toward the ensuing political crisis in Portugal and the civil war in Angola
- negotiations to end minority white rule in Rhodesia/Zimbabwe
- U.S.-European relations, including policy coordination and consultations on a variety of "hot spots" and "hot issues," including the rise of Euro-Communism
- the 1974 Cyprus crisis and U.S. relations with Greece and Turkey
- international economic, energy and raw materials policies
- relations between the mass media and policymakers

Source: *Digital National Security Archive*

- <http://www.gwu.edu/~nsarchiv/NSAEBB/NSAEBB193/index.htm>

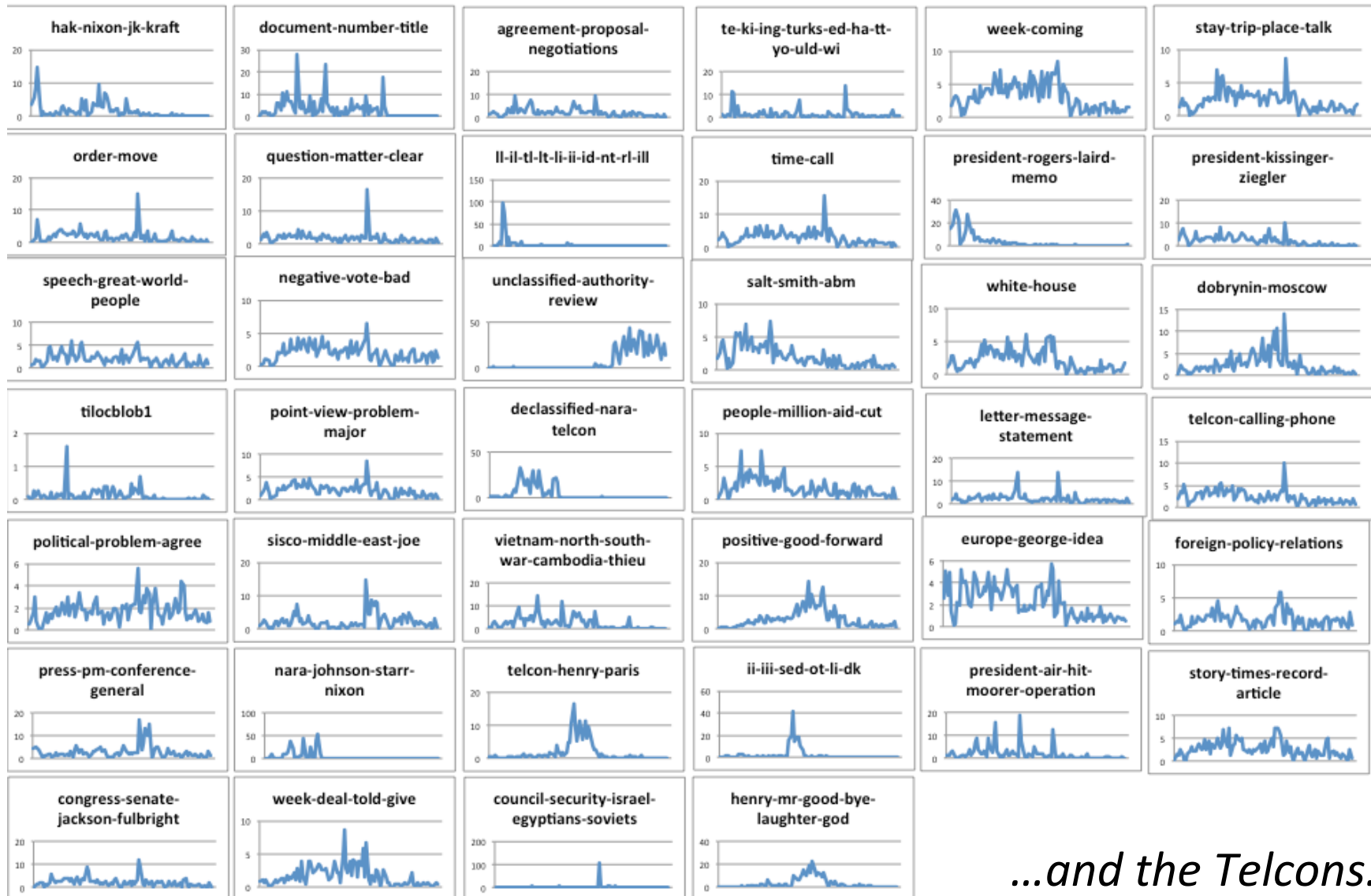
Methodology Step 5: Visualization

Graph the frequency with which each of these topics occurs across the archive's time span.



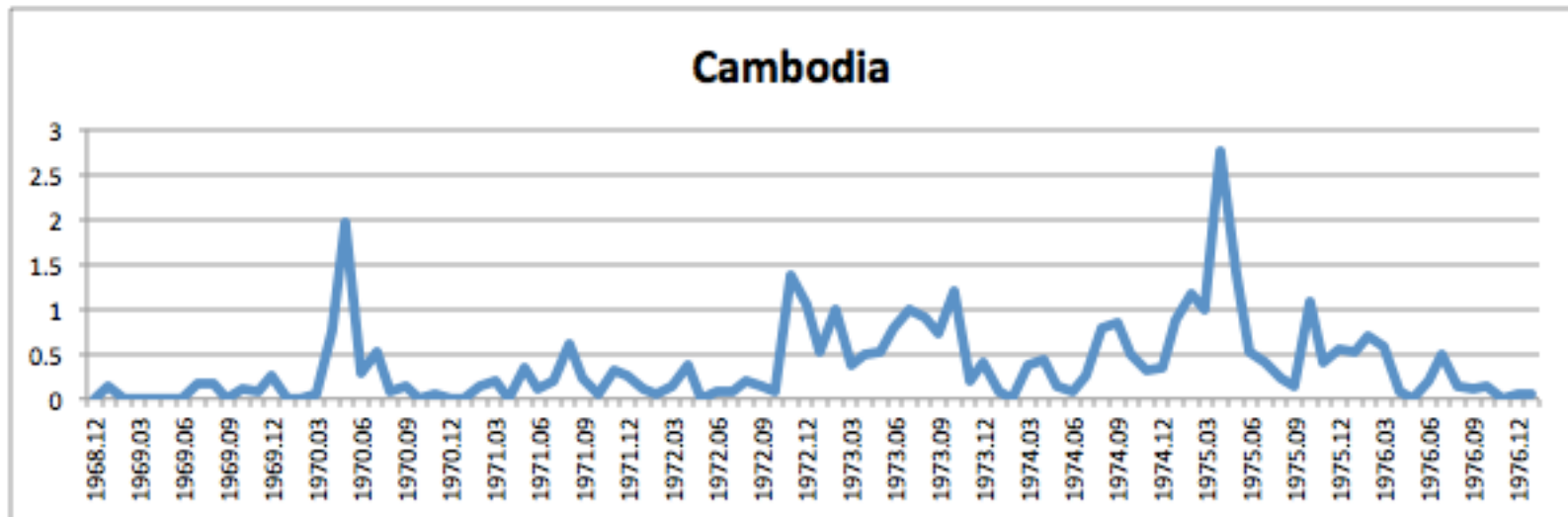
For the Memcons...

Methodology Step 5, cont'd.



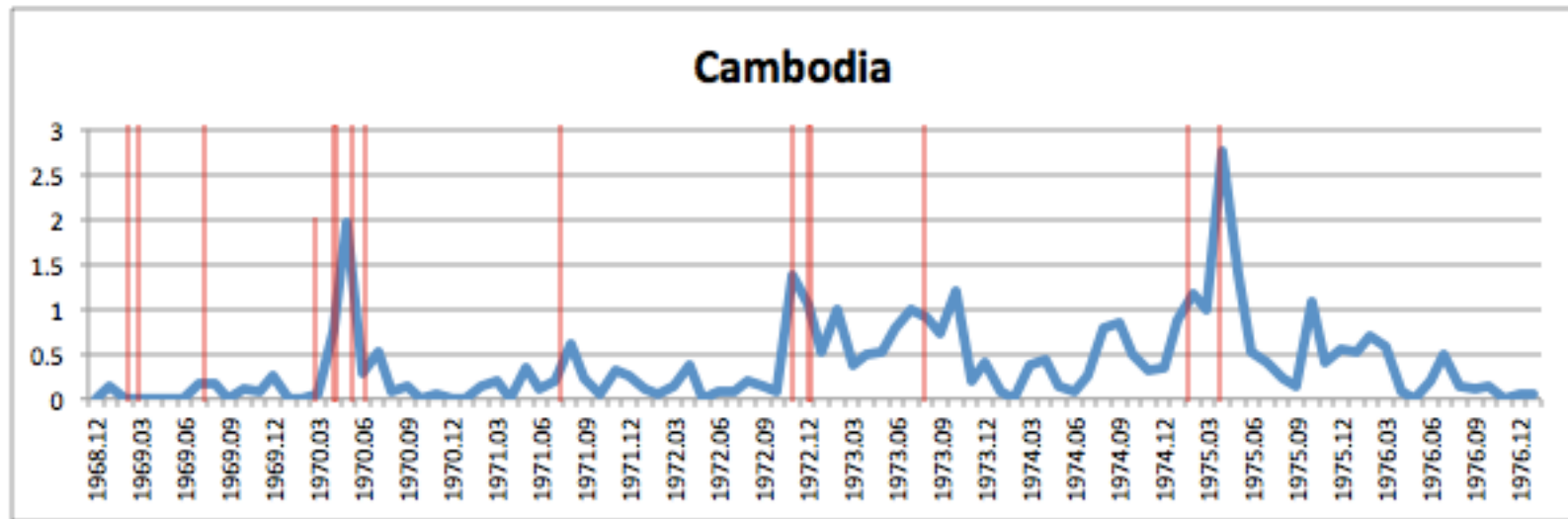
...and the Telcons.

Methodology, Step 6: Interpretations and Findings



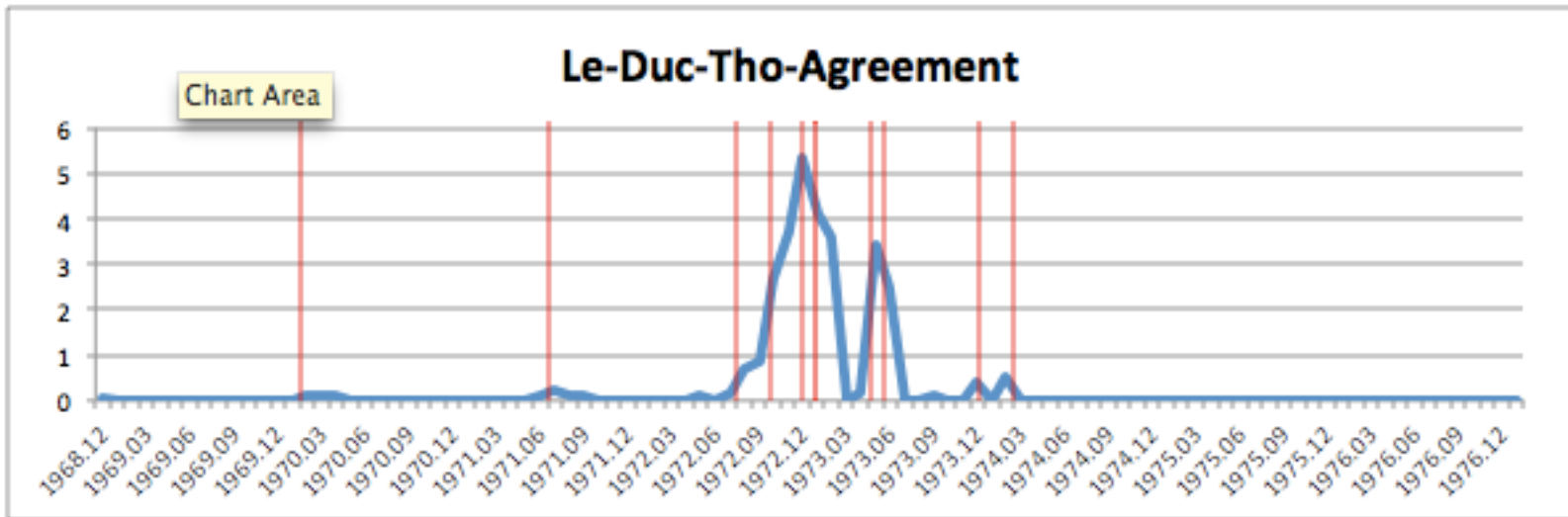
Interpret the data...

...in relation to the historical timeline.



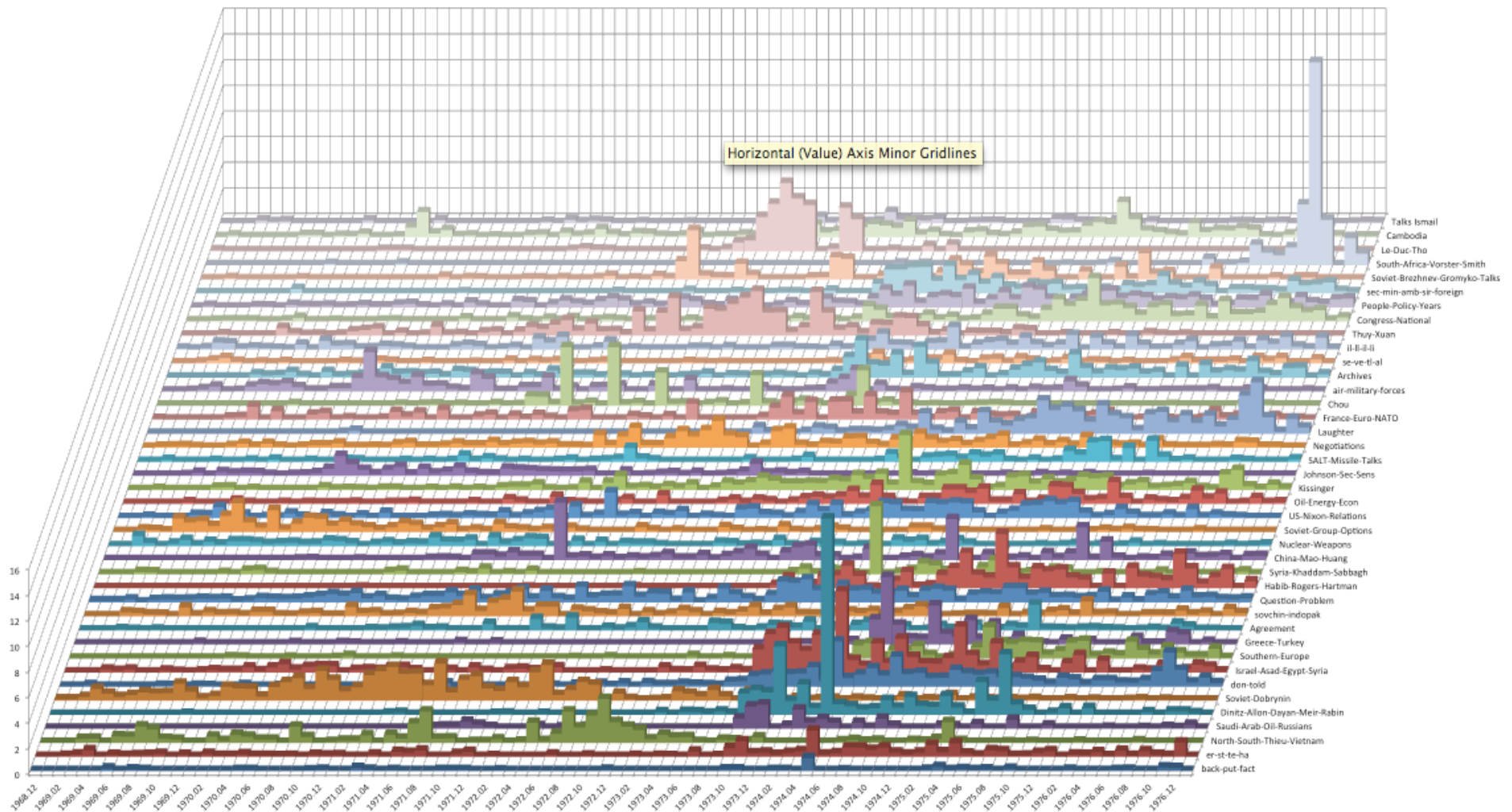
23-Feb-69	Pres. Nixon orders plans for the secret bombing of Cambodia.
18-Mar-69	President Richard M. Nixon authorizes Operation Menu
8/1/69	Paris talks
18-Mar-70	Prince Sihanouk overthrown by Gen'l. Lon Nol in a right-wing coup backed by the US.
24-Apr-70	US invades 'Parrot's Beak' in Cambodia
29-Apr-70	50,000 US and South Vietnamese troops invade Cambodia [see Apr 30].
31-May-70	Nixon Speaks to Military Officials About Operations in Cambodia
29-Jun-70	The United States ended a two-month military offensive into Cambodia.
9-Oct-70	Khmer Republic (Cambodia) declared independence.
8/1/71	Paris talks
11/18/72	Paris talks
23-Dec-72	Christmas Bombing
14-Aug-73	The U.S. "secret" bombing of Cambodia comes to a halt
6-Feb-75	President Gerald Ford asked Congress for \$497 million in aid to Cambodia.
17-Apr-75	US-backed Lon Nol government of Cambodia surrenders to the Khmer Rouge.

The correlations are sometimes striking – across nine years and a wide range of topics, they are historically useful indicators of where Kissinger was focusing his attention.

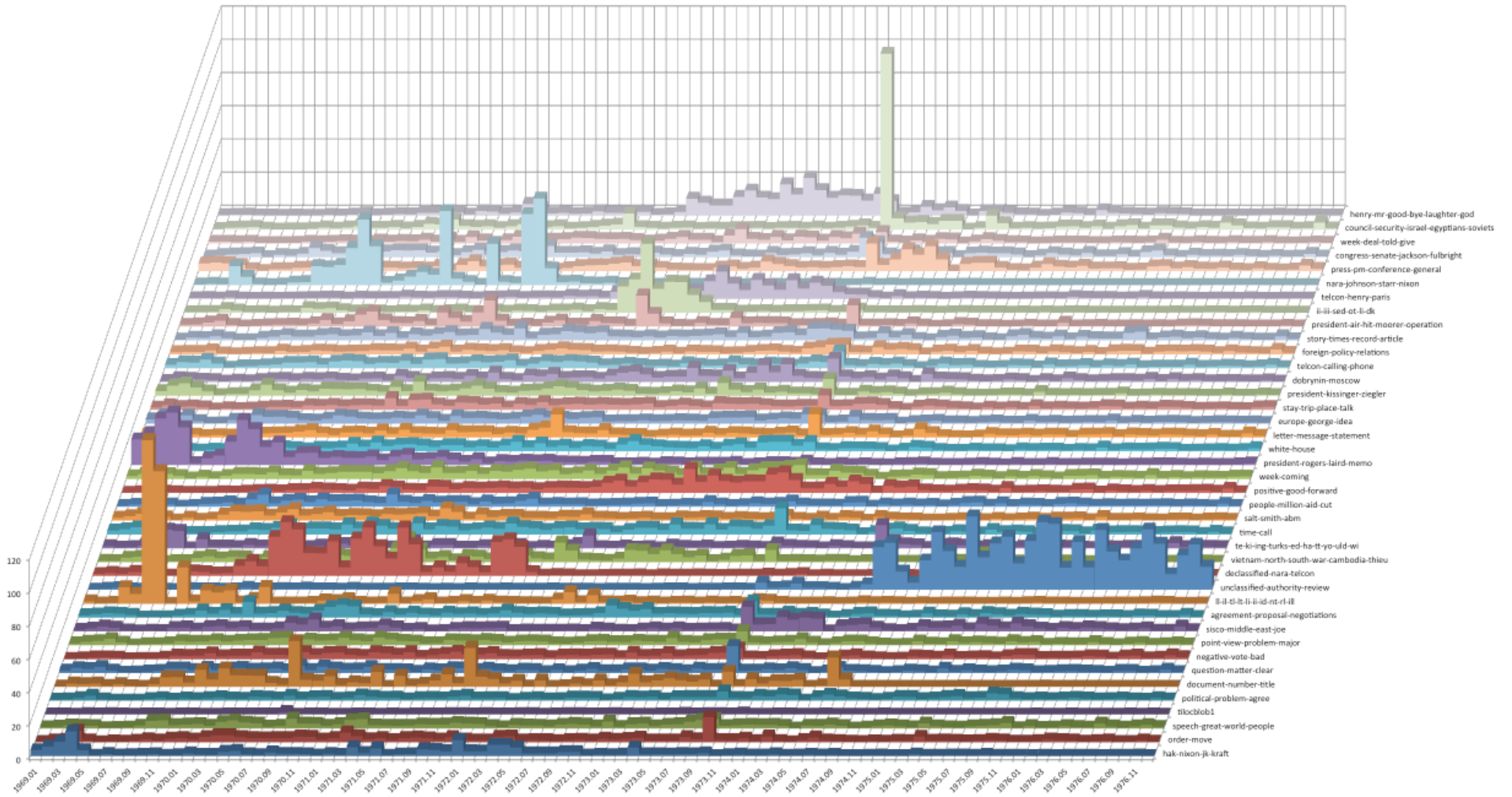


- 21-Feb-70 3 Kissinger starts secret talks w/Le Duc Tho
- 7/12/71 3 Paris meeting
- 1-Aug-72 3 Henry Kissinger meets again with Le Duc Tho in Paris
- 8-Oct-72 3 Both sides agree to major concessions.
- 13-Dec-72 3 Talks collapse after Kissinger presents a list of 69 changes demanded by President Thieu.
- 8-Jan-73 3 Kissinger and Le Duc Tho resume negotiations in Paris.
- 9-Jan-73 3 agreement between Kissinger and Le Duc Tho.
- May-73 3 paris
- 6/1/73 3 paris ii
- 12/10/73 3 nobel peace prize
- 2/19/74 3 Meeting w/unforseeable circ

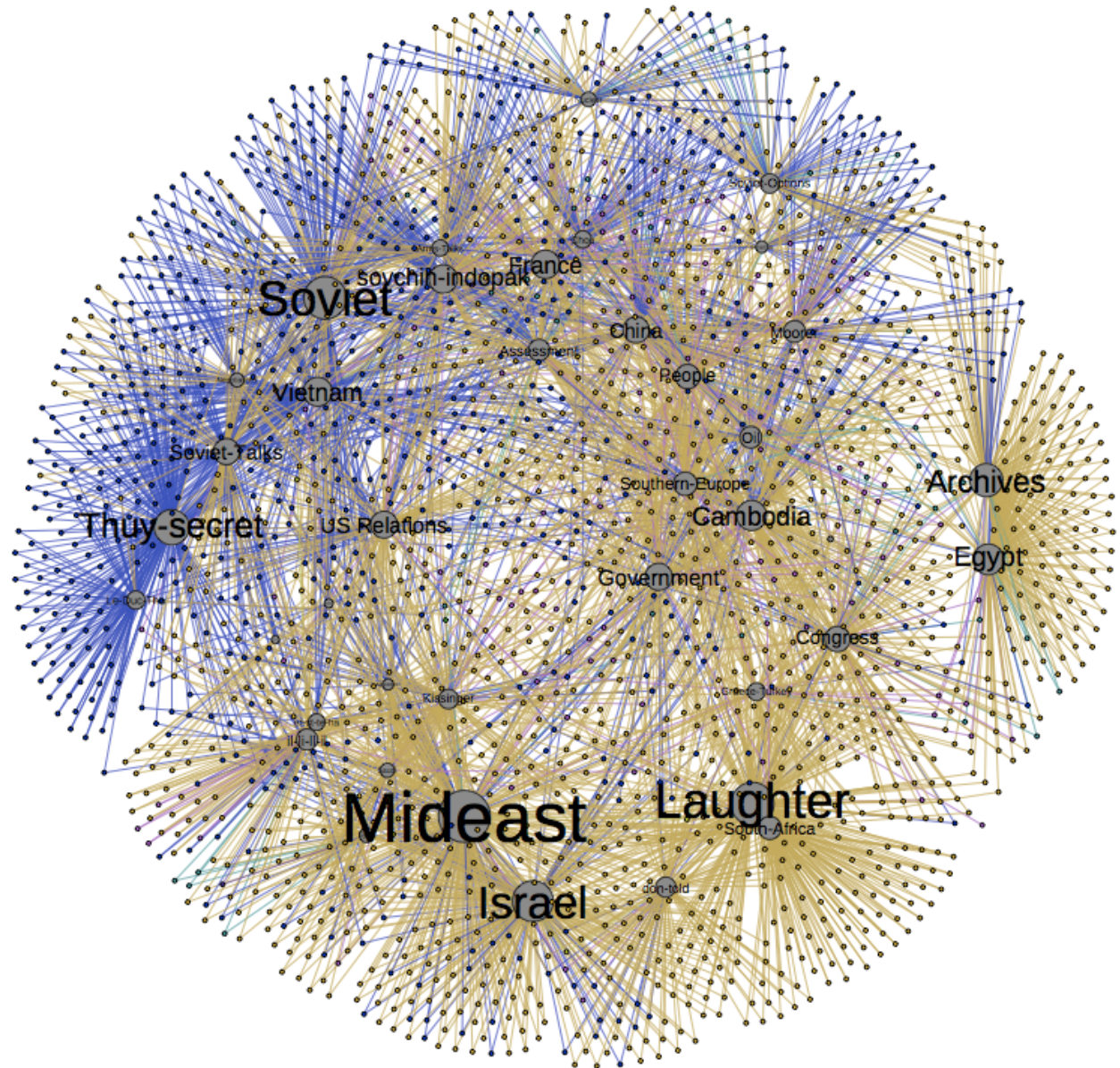
A combined view of all of the topic frequencies is useful when looking for patterns that are specific to one topic, or patterns that may affect multiple topics, in the Memcons...



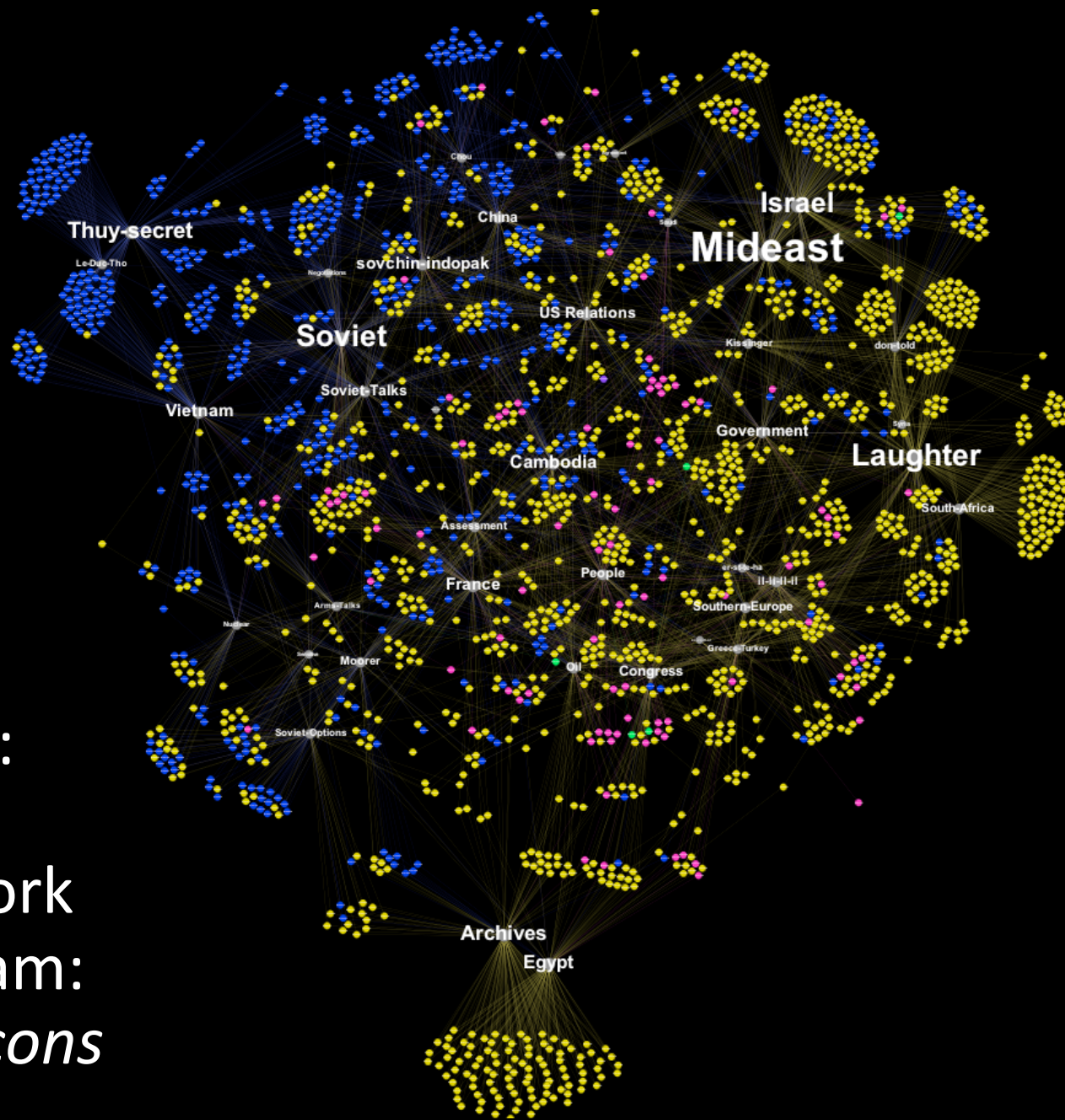
...and the Telcons.

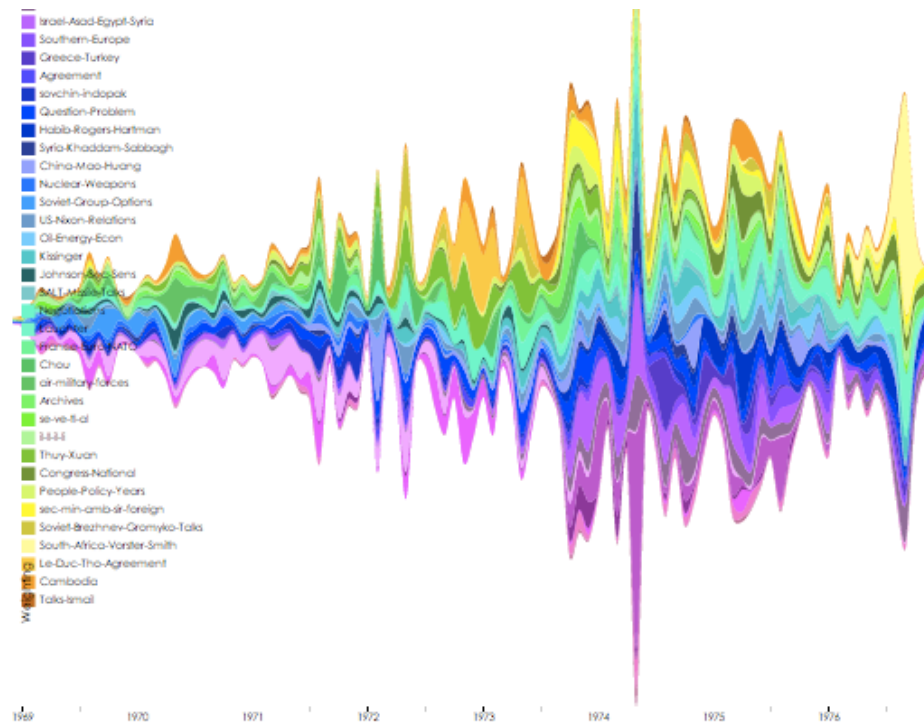


Graph all of the
above
(metadata,
document-to-topic
weighting, topic
frequency), all at
once,
as a network of
relationships.

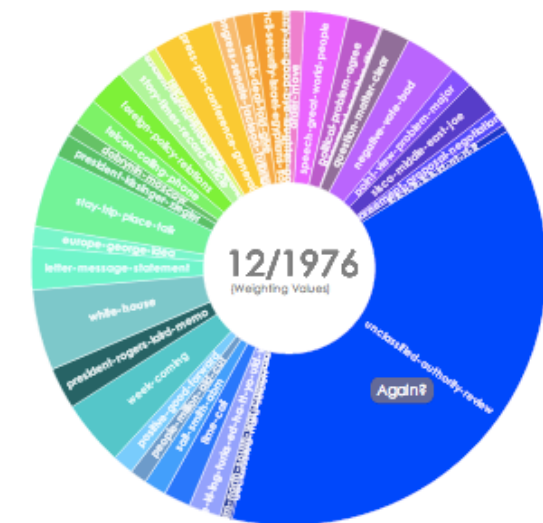
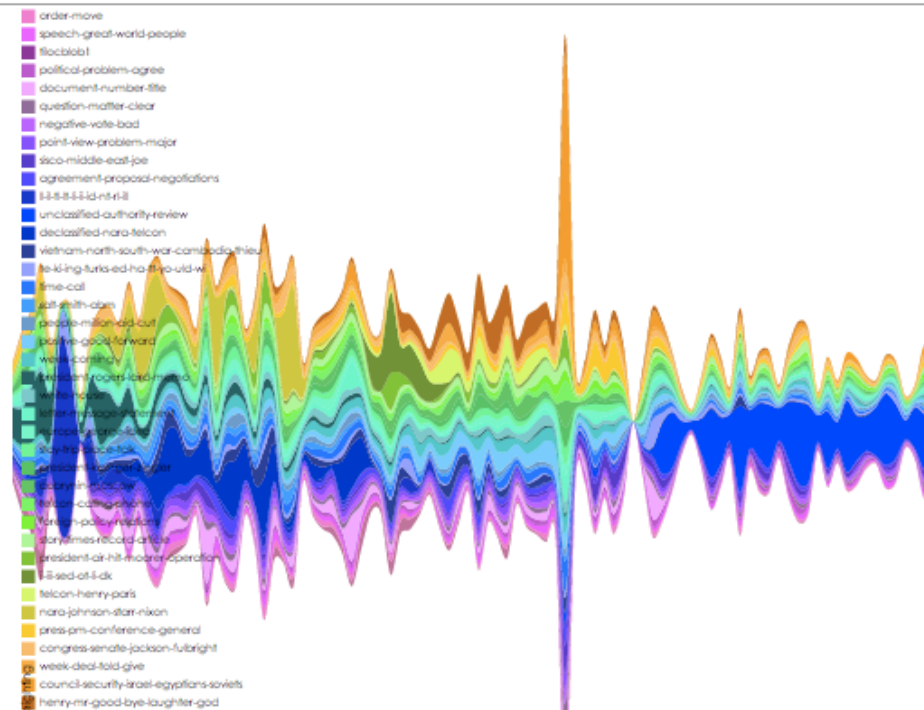


Gephi:
Topic
Network
Diagram:
Memcons





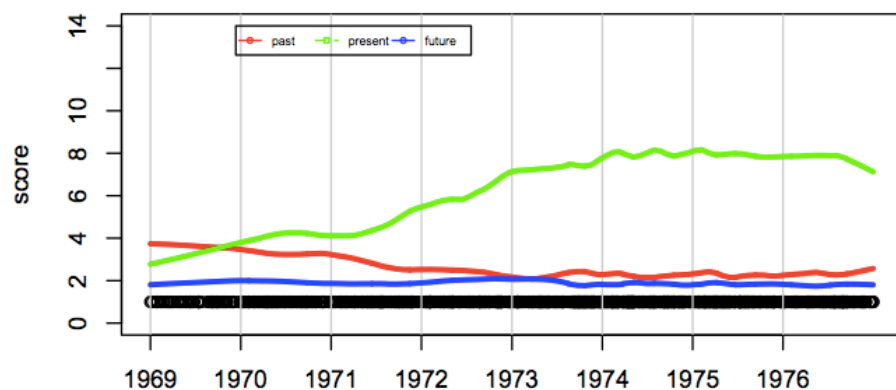
Topic Weighting Comparisons:
Memcons and Telcons
<http://mickikaufman.com/qk>



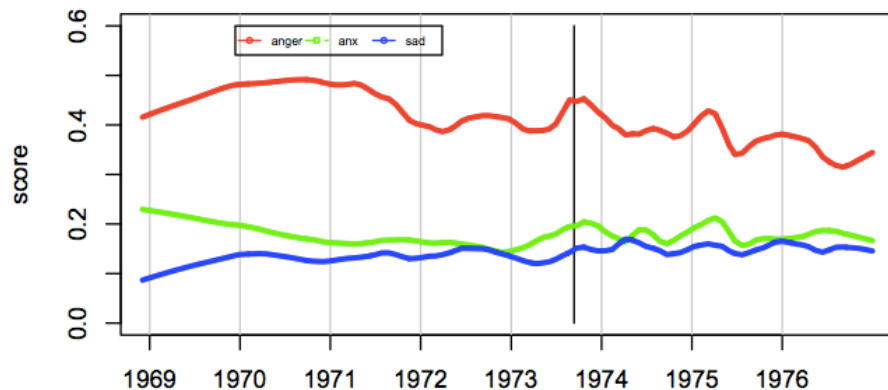
Step 7: Sentiment Analysis

(Conducted using LIWC2007, James Pennebaker et. al)

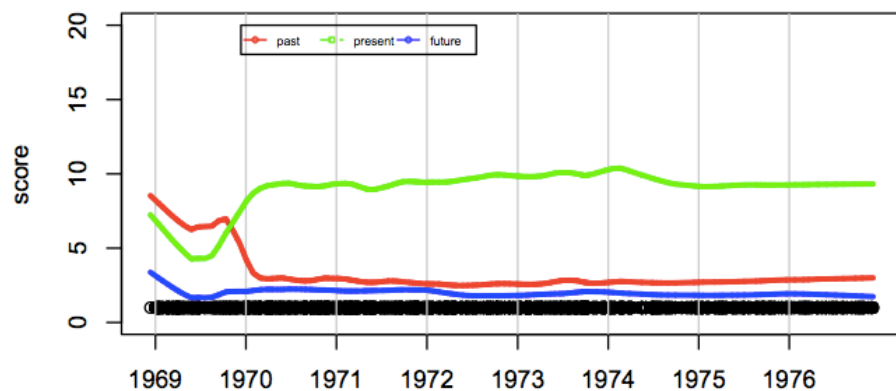
Memcons - Past/Present/Future



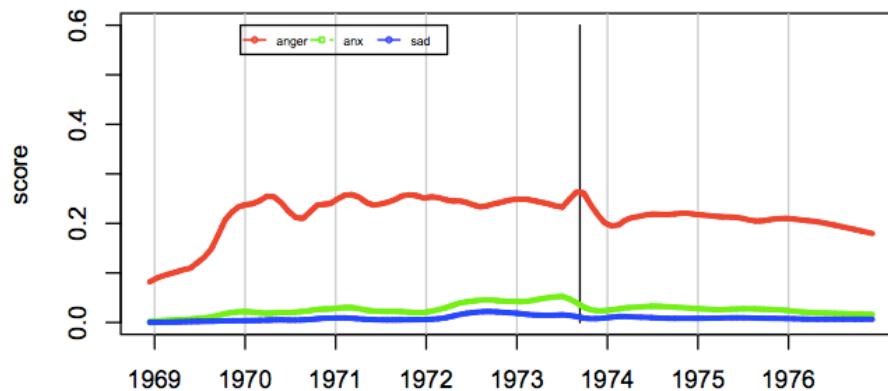
Memcons - Anger/Anxiety/Sadness



Telcons - Past/Present/Future



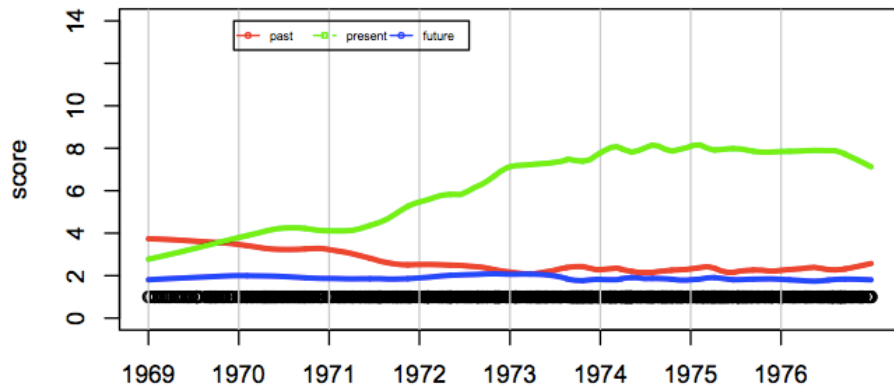
Telcons - Anger/Anxiety/Sadness



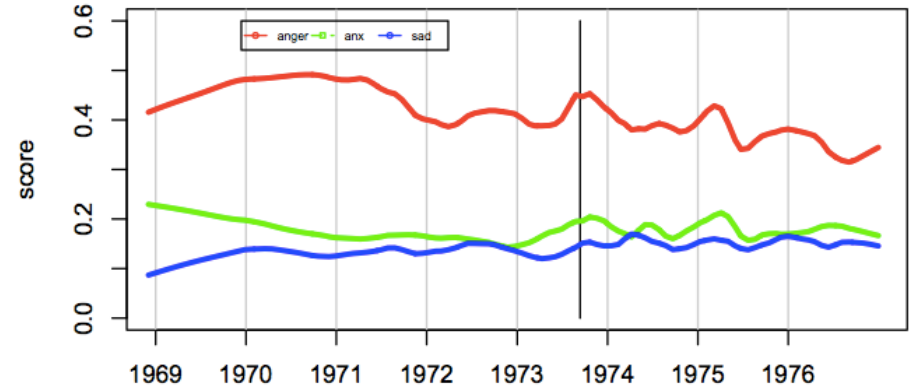
Step 7: Sentiment Analysis

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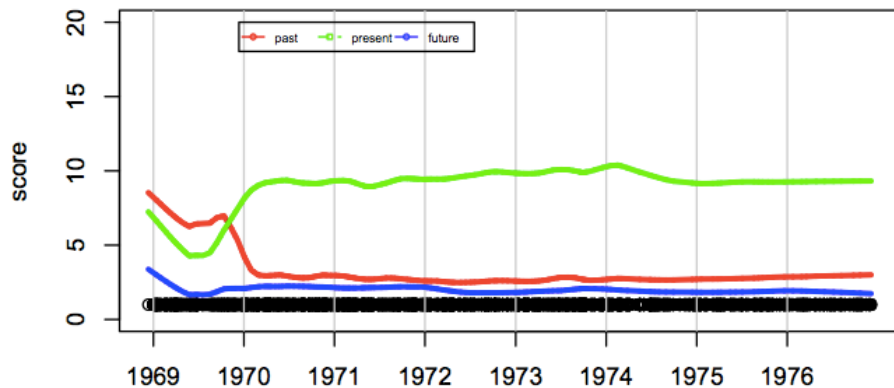
Memcons - Past/Present/Future



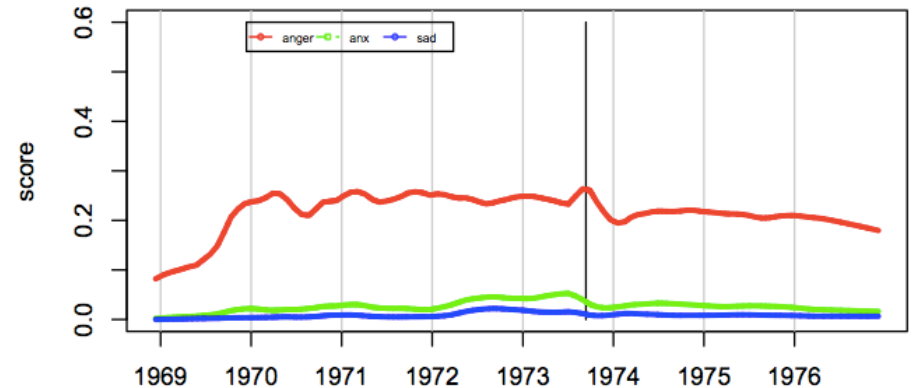
Memcons - Anger/Anxiety/Sadness

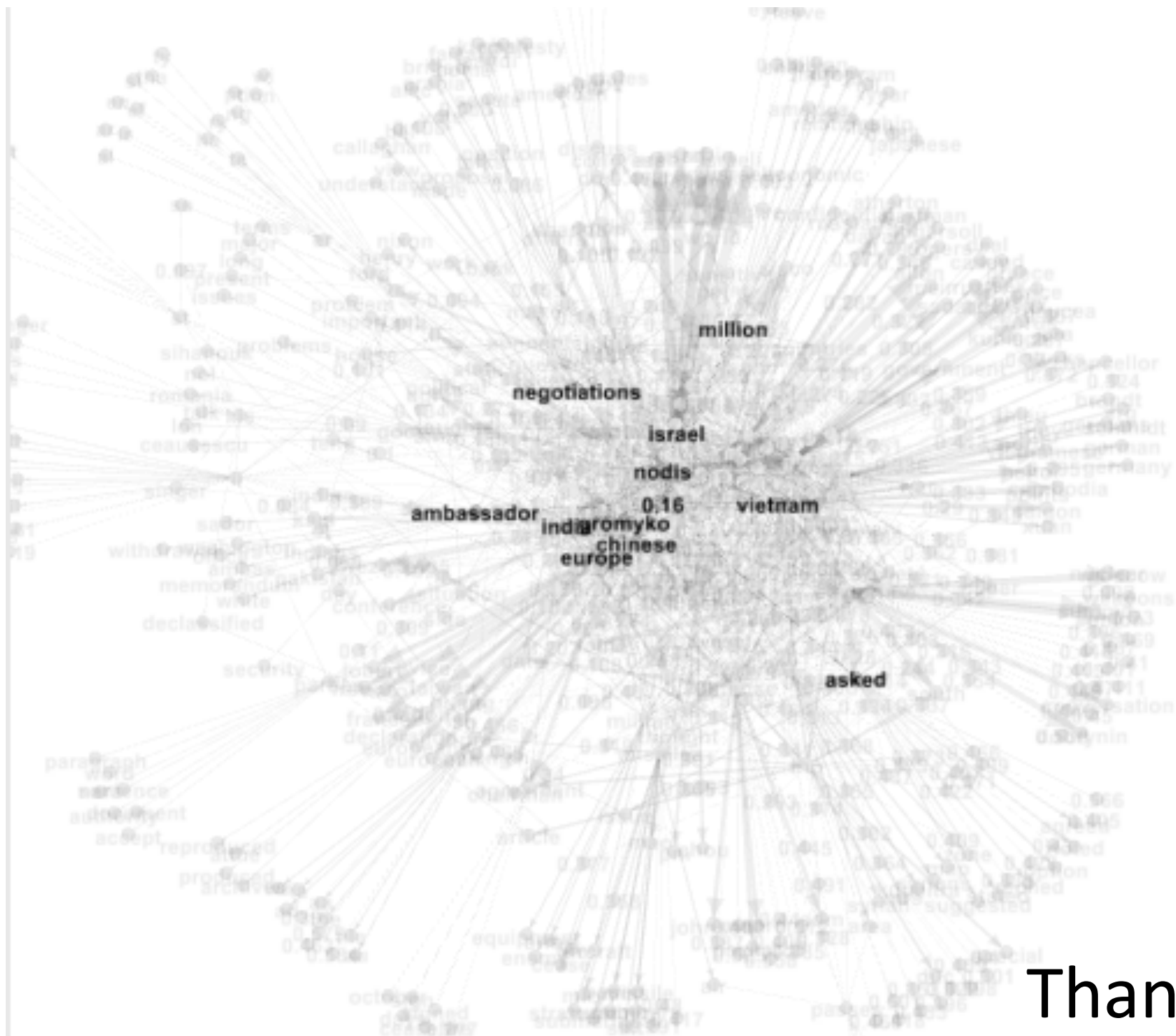


Telcons - Past/Present/Future



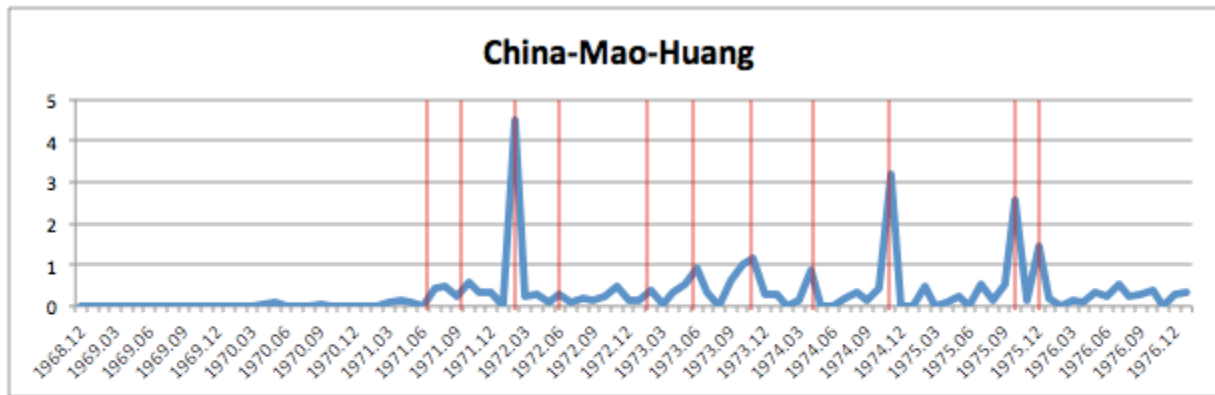
Telcons - Anger/Anxiety/Sadness



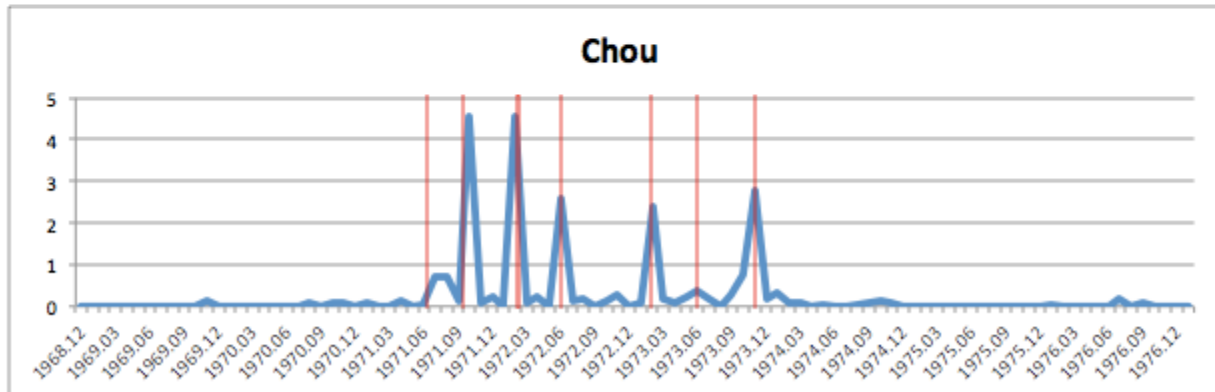


Thank you.

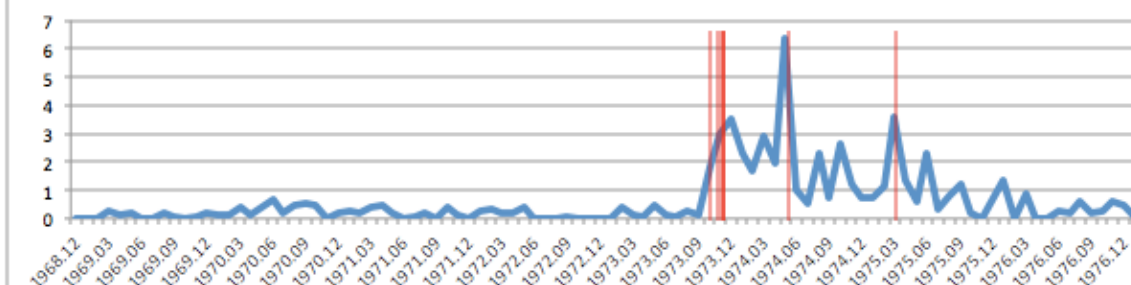
Additional Findings



- Jul-71 Kissinger Secret Trip 1
- Oct-71 Kissinger Secret Trip 2
- 21-Feb-72 Nixon's visit to China
- 15-Jun-72 Kissinger in China
- 2/1/73 Kissinger in China
- Jun-73 Huang Zhen
- Nov-73 Kissinger in China, Ford invited to visit in 1975.
- 4/14/74 Dinner for Deng Ziaoping @ the Premier
- Nov-74 Kissinger returns to Peking
- 1-Oct-75 Kissinger in China
- 12/1/75 Ford visits China

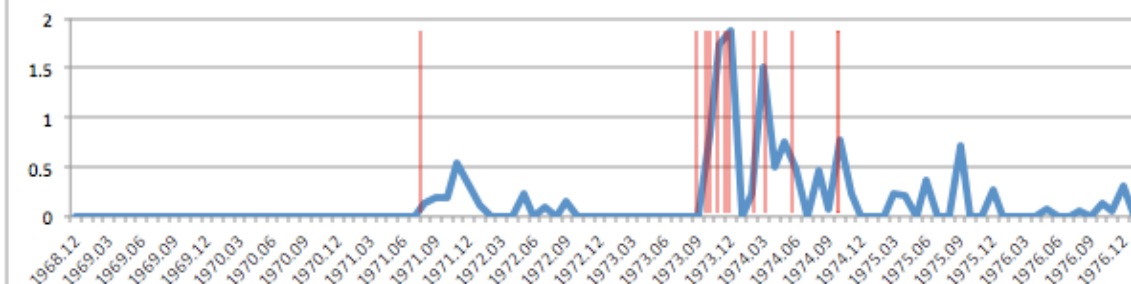


Israel-Asad-Egypt-Syria



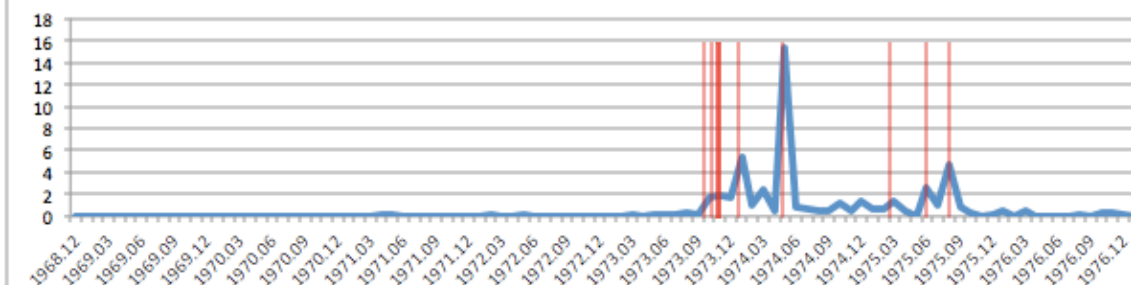
- 10/1/73 Yom Kippur War
- 10/22/73 Meeting w/Israelis
- 11/5/73 Shuttle Diplomacy - Morocco
- 11/6/73 Shuttle Diplomacy - Tunisia
- 11/6/73 Shuttle Diplomacy - Egypt
- 11/8/73 Shuttle Diplomacy - Jordan
- 11/8/73 Shuttle Diplomacy - Saudi Arabia
- 11/9/73 Shuttle Diplomacy - Iran
- 11/10/73 Shuttle Diplomacy - Pakistan
- 5/1/74 Syria and Israel sign a disengagement agreement.
- 2/15/75 Assad announces prepared to make peace with Isra

Saudi-Arab-Oil-Russians

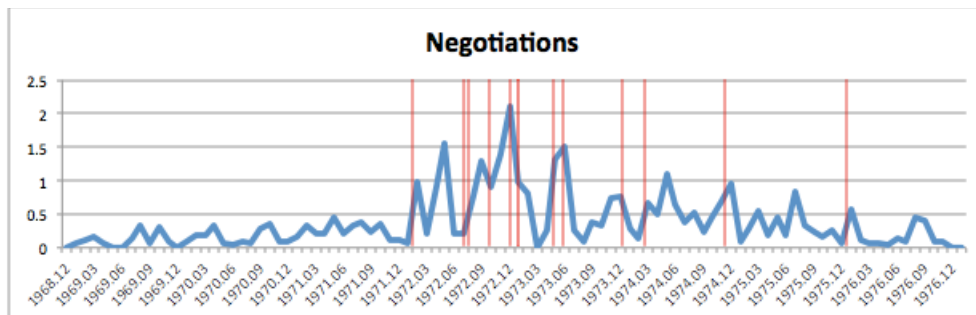
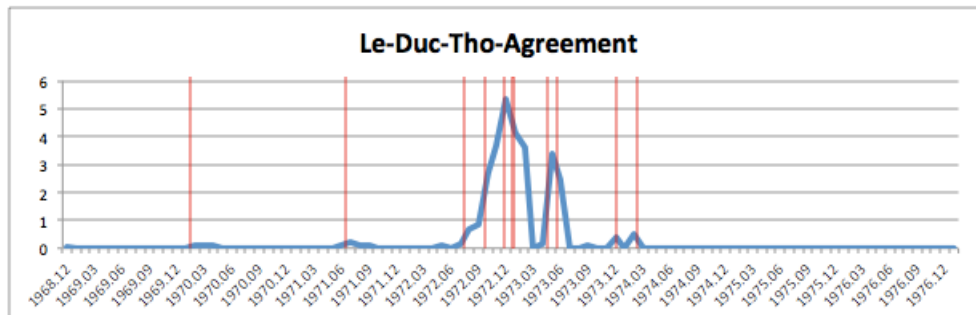
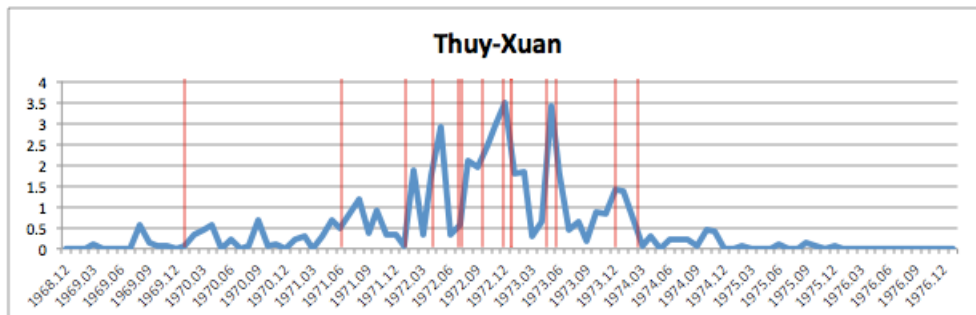
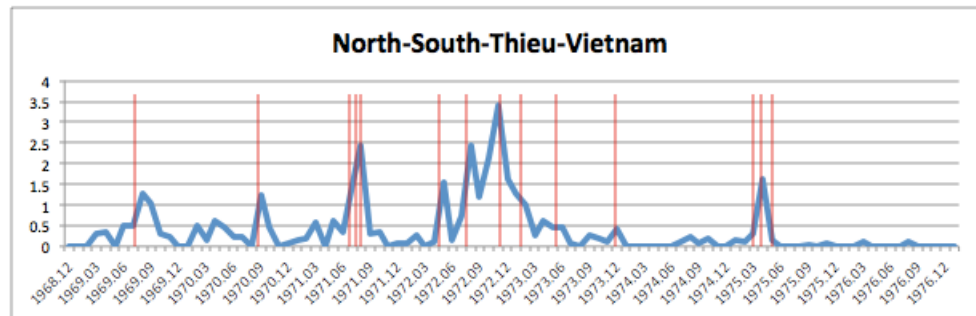


- 8/15/71 Withdrawal from Bretton Woods/Gold Standard
- 9/10/73 Yamani protests to Kissinger
- 10/6/73 OPEC negotiations fail
- 16-Oct-73 OPEC announces 70% oil increase
- 11/5/73 OPEC announces 20% output cut
- 11/27/73 Nixon signs emergency petroleum act
- 12/9/73 OPEC announces 5% output cut
- 2/11/74 Kissinger announces Project Independence
- 3/18/74 embargo lifted
- 5/31/74 Disengagement agreement
- Oct-74 Oil Recycling Luncheon
- Oct-74 Kissinger Moscow meeting

Dinitz-Allon-Dayan-Meir-Rabin



- 10/1/73 Yom Kippur War
- 22-Oct-73 Israel
- 11/5/73 Morocco
- 6-Nov-73 Tunisia
- 11/6/73 Egypt
- 8-Nov-73 Jordan
- 11/8/73 Saudi Arabia
- 9-Nov-73 Iran
- 10-Nov-73 Pakistan
- Jan-74 Draft agreement circulates
- May-74 1974 May - Syria and Israel sign a disengagement agr
- 2/20/75 1975 February - Assad says he's prepared to make pe
- 6/1/75 Dinitz meetings
- 8/1/75 Meeting with Sadat



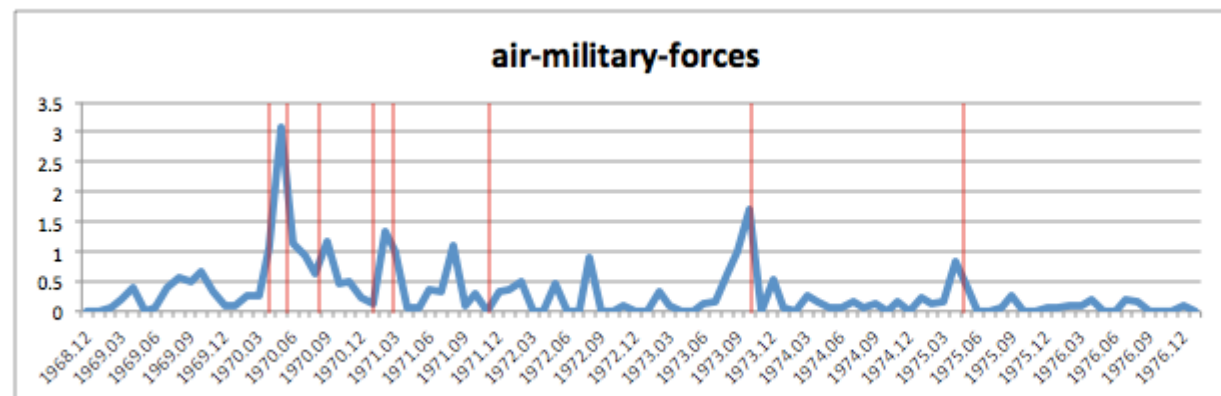
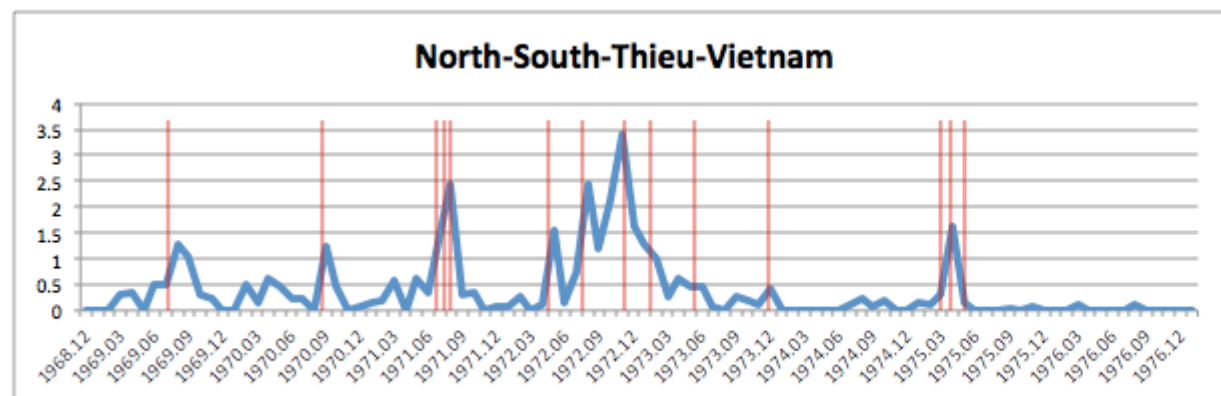
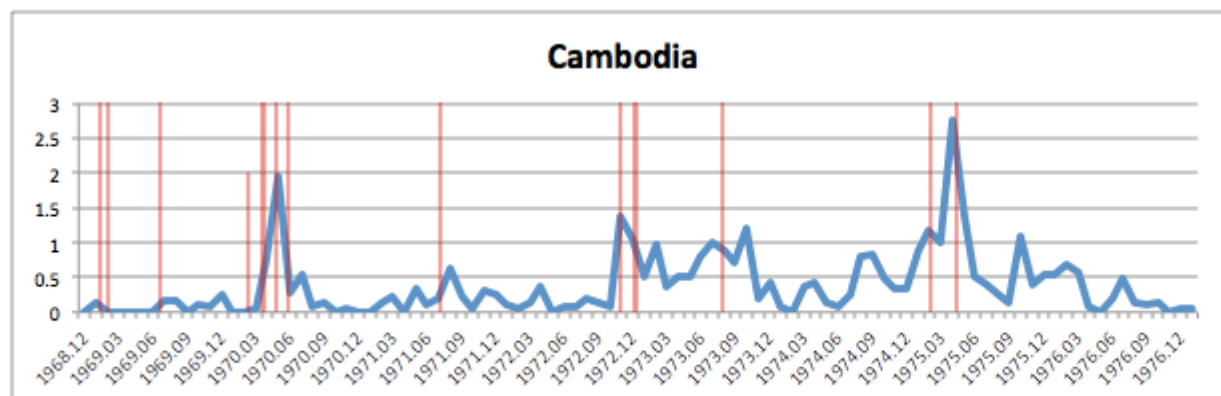
8/4/69 Secret talks begin
 9/15/70 Kissinger in Saigon
 7/12/71 Paris meeting
 8/1/71 Paris talks
 8/16/71 Secret meeting
 5/2/72 Kissinger secret meeting
 1-Aug-72 Henry Kissinger meets again with Le Duc Tho
 11/18/72 Paris talks
 1/23/73 Kissinger and Le Duc Tho come to terms
 May-73 Paris
 Dec-73 Aid begins to Thieu under Gerald Ford
 Mar-75 Easter Offensive Begins
 3/25/75 Hue captured by NVA

21-Feb-70 Kissinger starts secret talks w/Le Duc
 7/12/71 Paris meeting
 5/2/72 Kissinger meets with Le Duc Tho and
 Feb-72 Nixon in China
 7/19/72 Meeting
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 8-Oct-72 Both sides agree to major concessior
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 8-Jan-73 Kissinger and Le Duc Tho resume neq
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 May-73 paris
 6/1/73 paris ii
 12/10/73 nobel peace prize
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 12/10/73 nobel peace prize
 2/19/74 Meeting w/unforseeable circ

19-Sep-75 Kissinger Backfire proposal
 Nov-75 Kissinger Bomber proposal
 Jan-76 Kissinger in Moscow
 Jul-76

Feb-72 Nixon in China
 7/19/72 Meeting
 1-Aug-72 Henry Kissinger meets again v
 8-Oct-72 Both sides agree to major con
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 May-73 paris

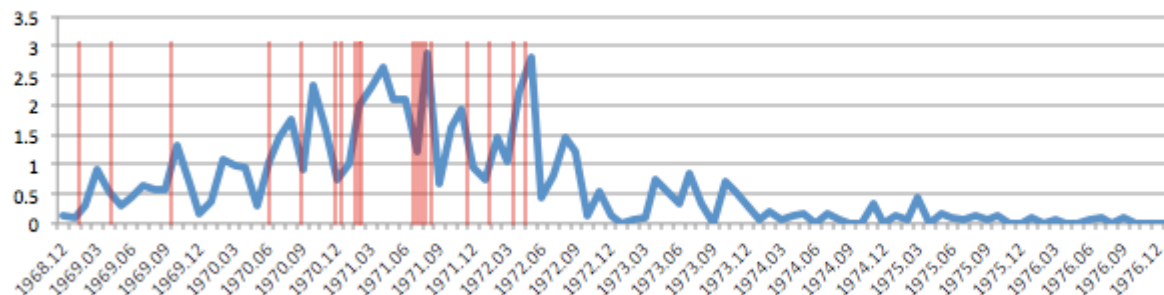


23-Feb-69 Pres. Nixon orders plans for the secret
18-Mar-69 President Richard M. Nixon authorize
 8/1/69 Paris talks
18-Mar-70 Prince Sihanouk overthrown by Gen'l
 24-Apr-70 US invades 'Parrot's Beak' in Cambodia
 29-Apr-70 50,000 US and South Vietnamese troops
 31-May-70 Nixon Speaks to Military Officials About
29-Jun-70 The United States ended a two-month
9-Oct-70 Khmer Republic (Cambodia) declared
 8/1/71 Paris talks
 11/18/72 Paris talks
 23-Dec-72 Christmas Bombing
 29-Dec-72 Christmas Bombing Ends
14-Aug-73 The U.S. "secret" bombing of Cambodia
 6-Feb-75 President Gerald Ford asked Congress
 17-Apr-75 US-backed Lon Nol government of Cambodia

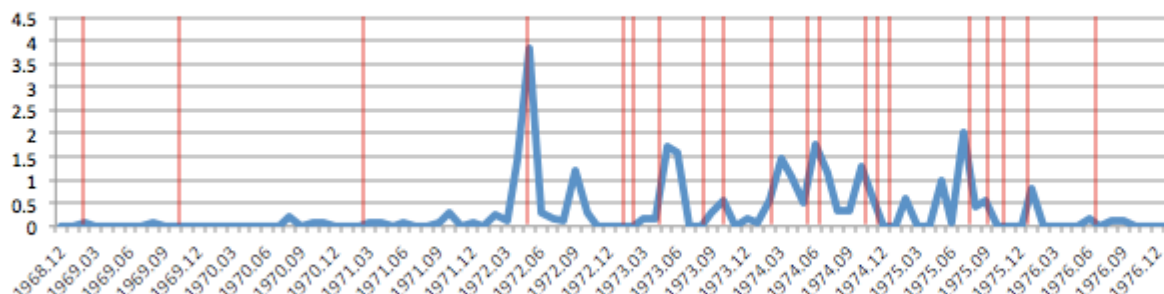
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 Mar-75 Easter Offensive Begins
 3/25/75 Hue captured by NVA
 Apr-75 South Vietnam Falls

5/1/70 Cambodian Campaign
 Jun-70 Moorer confirmed
 Sep-70 Operation Tailwind
 Feb-71 **Operation Lam Son 719**
 3/25/71 Operation Lam Son 719 Terminated
 Dec-71 Moorer DOD spy ring uncovered
 Oct-73 Yom Kippur War
 30-Apr-75 Operation Frequent Wind

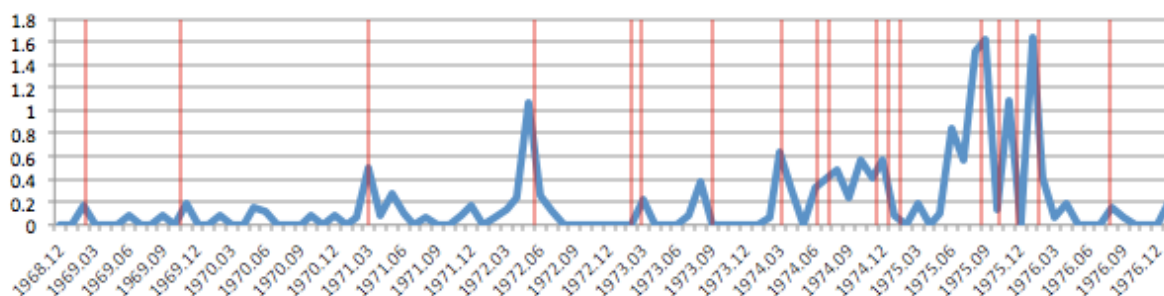
Soviet-Dobrynin



Soviet-Brezhnev-Gromyko-Talks



SALT-Missile-Talks



12/23/68

Feb-69 BACKCHANNEL MEETINGS

5/14/69 BACKCHANNEL MEETINGS

Oct-69 BACKCHANNEL MEETINGS

Jul-70 BACKCHANNEL MEETINGS

9/25/70 BACKCHANNEL MEETINGS

12/22/70 BACKCHANNEL MEETINGS

1/9/71 BACKCHANNEL MEETINGS

2/14/71 State Dept. Sidelined

7/19/71 BACKCHANNEL MEETINGS

Sep-71 BACKCHANNEL MEETINGS

2/26/71 BACKCHANNEL MEETINGS

26-May-72 CONCLUSION OF SALT I Treaties

Feb-73 Verification Panel 1

Mar-73 Verification Panel 2

May-73 Nuclear Agreements

Sep-73 SALT II TALKS Resume

Oct-73 October War Talks

Mar-74 Kissinger meets Brezhnev

Jun-74 Kissinger and Nixon @ Moscow S

11/1/74 breakthrough reported @ Vladiv

12/1/74 Nixon/Brezhnev accord

3-Jul-74 ABM TREATY PROTOCOL

Jan-75 Geneva Negotiations begin

Aug-75 Helsinki

19-Sep-75 Kissinger Backfire proposal

Nov-75 Kissinger Bomber proposal

1/11/77

14-Mar-69 Safeguard Announcement

17-Nov-69 SALT I TALKS Begin

19-Mar-71 Soviets table draft ABM treaty

26-May-72 CONCLUSION OF SALT I Treaties

Feb-73 Verification Panel 1

Mar-73 Verification Panel 2

Sep-73 SALT II TALKS Resume

Mar-74 Kissinger meets Brezhnev

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3-Jul-74 ABM TREATY PROTOCOL