

**Content Analysis of Asian Newspapers:
1962, 1966, 1970, 1972**

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ICPSR 7489

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A CONTENT ANALYSIS OF ASIAN
NEWSPAPERS

1962, 1966, 1970, 1972

(ICPSR 7489)

Principal
Investigators

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Nubuo Sasaki
Susumu Yamakage
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The Institute for Future Technology
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First ICPSR Edition, 1976

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All manuscripts utilizing data made available through the Consortium should acknowledge that fact as well as identify the original collector of the data. The ICPSR Council urges all users of ICPSR data facilities to follow some adaptation of this statement with the parentheses indicating items to be filled in appropriately or deleted by the individual user.

The data (and tabulations) utilized in this (publication) were made available (in part) by the Inter-university Consortium for Political and Social Research. The data for A Content Analysis of Asian Newspapers, 1962, 1966, 1970, 1972, were originally collected by Nobuo Jō, (Keiō University), the late Nobuo Sasaki, Susumu Yamakage (Kyoto University) and Hiroaki Yoshii (Institute for Future Technology) under the auspices of the Institute for Future Technology and sponsored by the Science and Technology Agency of the Japanese government. Neither the original collectors of the data nor the Consortium bear any responsibility for the analyses or interpretations presented here.

In order to provide funding agencies with essential information about the use of archival resources, and to facilitate the exchange of information about ICPSR participants' research activities, each user of the ICPSR data facilities is expected to send two copies of each completed manuscript or thesis abstract to the Consortium. Please indicate in the cover letter which data were used.

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STUDY DESCRIPTION

The focus of the study is contemporary international relations in Southeast Asia. It was conducted by Nobuo Jō, (Keiō University), the late Nobuo Sasaki, Susumu Yamakage (Kyoto University) and Hiroaki Yoshii (senior researcher, Institute for Future Technology) under the auspices of the Institute for Future Technology, sponsored by the Science and Technology Agency of the Japanese government. Collaborating in the project were Shuji Kurokawa and Hiroshi Okuma (Hitotsubashi University) and Takashi Oyama (Bank of Japan).

The data were gathered from newspapers published in four countries: Japan, Thailand, Indonesia and Singapore, and the data were collected on a day-by-day basis for the last three months (October, November and December) of 1962, 1966, 1970 and 1972. The text accompanying the original data states that the Japanese newspapers used were the Nihon Keizai Shinbun and the Asahi Shinbun; the dataset, however, gives frequencies only for the latter. The items collected from these papers deal with:

- 1) relations between Japan and the other three countries
- 2) relations among Thailand, Indonesia and Singapore
- 3) relations between Thailand, Indonesia or Singapore and the rest of the world
- 4) domestic events in Thailand, Indonesia and Singapore.

In Thailand, the Bangkok Post was used for the entire period of the study. In Indonesia, the Djakarta Times was used for data collection in 1966, 1970 and 1972; since, however, this newspaper was unavailable in 1962, the Indonesian Observer was used for that year. Similarly, in Singapore the Straits Times was the data source for all years except 1962, for which the Malay Mail was substituted. From these newspapers the following topics were considered relevant:

- 1) relations between Japan and the other three countries
- 2) relations between Japan and the rest of the world
- 3) domestic events in Japan.

In order to compare the image of Japan presented in the Southeast Asian newspapers with that of other advanced countries, some items were included concerning the relationships between the Southeast Asian countries and the United States, United Kingdom, Australia, West Germany, and the Netherlands. Data collection for this part was limited to every third day during the 1970 period only.

16 variables were coded from the newspapers. They may be subdivided into two groups:

- 1) Identification: newspaper (variable 1), and date: year (variable 2), month (variable 3) and day (variable 4)
- 2) Structure of the news items: actor: nation or international organization (variable 5) and domestic institution (variable 7); target: nation or international organization (variable 8) and institution (variable 11); issue (variable 13); behavior (variable 14); and evaluation (variable 15)

Users of the data are asked to cite the data source, and to send two copies of any papers which ensue (published or unpublished) to Hiroaki Yoshii, Institute for Future Technology, Science Museum, 2-1 Kitanomaru-Koen, Chiyoda-ku, Tokyo 102, Japan. The results of the content analysis were published (in Japanese) in the final report of the project: "Basic Design of Scientific and Technological Development Systems for Japan" (Institute for Future Technology, March 1974).

PROCESSING INFORMATION

Data are sorted by date, within date by actor nation, and within actor nation by target nation. For the convenience of those using the data in comparative research, the standardized country codes developed by Bruce M. Russett, J. David Singer and Melvin Small have been inserted into the dataset in addition to the code used for each country in the original study.

Appendix A contains a listing of the countries occurring in this study, with their original codes and the Russett, Singer and Small codes. Countries and international organizations for which no standardized codes have been developed are coded -09.

When one or more variables do not apply (e.g., target in the case of China's testing an experimental weapon), they were left blank in the original dataset. We have recoded blanks to 9 or -9. No missing data codes were indicated in the original codebook and blanks apparently served to denote "not ascertained" as well as "not applicable." In the data for 1970, however, zeros were frequently used instead of blanks for variable 9 (target nations); variable 14 (behavior) is coded using zeros throughout. In case a distinction is being made between "none" and "not ascertained" or "not applicable." the zeros have been left unchanged in the file, but since this does not seem likely, blanks and zeros have been combined as missing data in the frequency lists.

The study description accompanying the original data states that a few of the evaluations (variable 15) were made by the newspapers themselves. In this case variable 16 would have been coded as "1" in the dataset, with "2" indicating that the original coders performed the evaluation. No "1's", however, appear in the file. If no evaluation was made, variables 15 and 16 were assigned missing data codes (-9 and 9 respectively).

CODEBOOK INFORMATION

The codebook has four parts: a listing of the variables, including codes and frequencies for all except variables 5, 6, 7, 9, 10 and 11. Appendix A contains names, codes and frequencies for variables 5, 6, 9 and 10 (national actors and targets). Appendix B gives names, codes and frequencies for variables 7 and 11 (domestic actors and targets). Variable format for both OSIRIS and card image versions are found in Appendix C.

VARIABLE LIST

Variable
Number

Description

1 Newspaper Code

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
0	1	The <u>Nihon Keizai Shinbun</u> (Japan)
620	2	The <u>Asahi Shinbun</u> (Japan)
1244	3	The <u>Bangkok Post</u> (Thailand)
799	4	The Indonesian papers; the <u>Indonesian Observer</u> in 1962; the <u>Djakarta Times</u> in 1966, 1970, 1972
1018	5	The Singapore papers; the <u>Malay Mail</u> in 1962; the <u>Straits Times</u> in 1966, 1970, 1972

2 Year of Publication of the Data

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
341	62	1962
629	66	1966
1966	70	1970
745	72	1972

3 Month of Publication of the Data

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
1265	10	October
1232	11	November
1183	12	December
1	-9	Not ascertained

4 Day of Month of Publication

5 Actor Code: Nations, regions, and international organizations. See Appendix A for names, the codes used by the study, and frequencies.

6 Standard Country Codes: Numeric codes developed by Bruce M. Russett, J. David Singer and Melvin Small, and presented in "National Political Units in the Twentieth Century; a Standardized List," American Political Science Review, 62, 3 (September 1963) 935-950. See Appendix A for list.

7 Subactor Code: Corporations, businesses, institutions, individuals. See Appendix B for names, codes and frequencies. Although some of the categories given for this variable have no frequencies, we have included all of them in our codebook listing, since they are part of an attempt to categorize information on subnational actors.

8 Corporation was Named

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
392	1	Corporation was named
3289	2	Corporation was not named

9 Target Code: Nations, regions and international organizations. See Appendix A for names, codes and frequencies.

Variable
Number

Description

- 10 Standard Country Code for target: See variable 6 above.
- 11 Sub-Target Code: Corporations, businesses, institutions, individuals
See Appendix B for names, codes and frequencies.
- 12 Corporation was Named

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
102	1	Corporation was named
3579	2	Corporation was not named

13 Issue*

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>	<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
285	1100	<u>Politics and laws</u>	13	2301	Entrance of Japanese corporations into countries
0	1200	<u>Diplomatic relations</u>			
210	1201	Conference, visits of ministers	76	2302	Joint venture
29	1202	Change of ambassadors	13	2303	Entrance of factories
130	1203	Bilateral relationships	12	2304	Entrance
16	1204	Private diplomacy	80	2305	Entrance of enterprises (generally)
188	1205	International relations (<u>diplomacy</u>)	1	2400	<u>Foreign investment</u>
44	1206	East Asia	7	2401	Liberalization of investment
389	1300	<u>Military problems</u> (including Vietnam War)	29	2403	Direct investment
46	1400	<u>Treaties</u>	2	2500	<u>Economic invasion</u>
0	2000	<u>Economics</u>	10	2501	Economic invasion (generally)
80	2100	<u>Economic cooperation</u>	45	2502	Anti-Japanese boycott
1	2200	<u>Economic aid</u>	3	2600	Development of natural resources
13	2201	Moratorium of debt	24	2601	Oil
15	2202	Credit	14	2602	Coal
32	2203	Loan	5	2603	Timber
6	2204	Fund	14	2700	<u>Agriculture, fishing</u>
4	2205	Tied aid	40	2701	Development of agriculture
9	2206	Untied aid	0	2800	<u>Trade</u>
11	2207	Food aid	28	2801	Trade gap
33	2208	Reparation	101	2802	Import, export
3	2209	Colombo Plan	17	2803	Trade agreement
0	2210	Left loan	9	2804	Tariff barrier
0	2211	Claim	63	2805	Export tax
31	2212	Asian Developing Bank	10	2806	Contract
85	2213	<u>Aid</u>	151	2807	Trade (generally)
4	2214	Plant	3	2808	Deferred payment
0	2215	Commodity aid	24	2809	Exhibition
43	2216	Technical aid and technology transfer	0	2810	Market survey
0	2300	<u>Economic entrance</u>	0	2900	<u>Other economic problems</u>
			31	2901	Currency

*Underlined codes are general categories, some of which have specific sub-categories.

Variable
Number

Description

13
(cont.)

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>	<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
159	2902	Domestic economics	21	3400	Sightseeing
23	2903	Growth of Japan	0	4000	Culture
80	2904	Economic relations	88	4100	Cultural exchange
0	2905	Economic competition	112	4200	Education
0	3000	Society	8	4300	International conference
578	3100	Topics			
17	3200	Population	10	4400	Undefined code
35	3300	Japanese Imperial Army (before World War II)	8	4500	Communication
			9	4600	Culture (other)

14 Behavior of Actor

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>	<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
0	100	Cooperation	602	320	Visit, meet
60	111	Approve	0	400	Conflict (defensive)
155	112	Agree	52	410	Reject
219	113	Support effort	18	420	Protest
197	114	Aid, assist	54	430	Delay, postpone
163	115	Grant, invite	0	500	Conflict (offensive)
95	120	Desire	42	510	Object
95	130	Propose, offer	29	520	Dispute
0	200	Comment	79	530	Accuse
21	210	Pessimistic comment	49	540	Demand, warn
24	220	Optimistic comment	23	550	Threat
63	230	Neutral comment	10	560	Force
0	300	Neutral action	49	570	Clash
232	310	Go, come, purchase, set up	73	580	Sever
			1277	000	Not ascertained

15 Evaluation of Interaction

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>	<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
13	11	Good			
1	12	Bad	35	41	Interested
2	21	Secure	1	42	Indifferent
54	22	Uneasy	7	51	Satisfied
24	31	Friendly	30	52	Unsatisfied
23	32	Hostile	3488	-9	Not ascertained

16 The Evaluation was Performed by the Newspaper Itself

<u>Freq.</u>	<u>Code</u>	<u>Definition</u>
0	1	Evaluation by newspaper
193	2	Evaluation by coders
3488	9	Not ascertained

Appendix A

<u>Country</u>	<u>Code</u>		<u>Frequencies</u>		<u>Country</u>	<u>Code</u>		<u>Frequencies</u>	
	IFTECH	RSS	Actor Var 5	Targ. Var 9		IFTECH	RSS	Actor Var 5	Targ. Var 9
Japan	01	740	1407	674	Laos	55	812	1	1
Thailand	02	800	207	218	Poland	56	290	0	11
Indonesia	03	850	335	329	Arab Guerrilla	57	-09	9	9
Singapore	04	830	103	180	Zambia	59	551	4	0
South Korea	05	732	8	17	Indochina	60	810	0	4
North Korea	06	731	3	7	South-east Asia	61	-09	42	106
Formosa (Taiwan)	07	713	14	16	Asia	62	-09	2	9
China	08	710	29	92	Asia-Pacific	63	-09	0	2
Hong Kong	09	720	3	6	Latin America	64	-09	1	5
Macao	10	721	0	1	Europe	65	-09	1	11
Philippines	11	840	15	29	Africa	66	-09	1	7
Malaysia	12	820	36	57	Communist Nations	67	-09	0	2
North Vietnam	13	816	22	45	Developing Nations	68	-09	0	16
South Vietnam	14	817	24	58	World	69	-09	11	116
Cambodia	15	811	2	17	United Nations	70	-09	3	10
Burma	16	775	3	4	International Labor Organization	72	-09	0	1
India	17	750	5	5	IMF	73	-09	1	1
Pakistan	18	770	0	2	ECAFE	75	-09	4	1
Nepal	19	790	0	1	International Control Commission for				
Ceylon (Sri Lanka)	20	780	2	1	Indochina	76	-09	0	5
Israel	21	666	3	8	Asian Developing Bank	77	-09	13	13
Egypt	22	651	4	3	ASPAC	78	-09		4
South Africa	23	560	0	14	European Economic Community	79	-09	11	19
Australia	24	900	95	47	European Atomic Energy Commission	80	-09	0	1
United States	26	002	739	327	East Asian Developing Conference	83	-09	0	2
Canada	27	020	2	4	East Asian Agricultural	84	-09	1	12
Mexico	28	070	1	0	OECD	85	-09	7	3
Nicaragua	29	093	0	2	Asia-Africa	87	-09	2	0
Venezuela	30	101	0	1	South East Asia Treaty Organization	88	-09	5	0
Guiana	31	110	1	1	Asia-Oceania	89	-09	0	2
Brazil	32	140	0	3	East Europe	91	-09	0	2
Soviet Union	35	365	43	67	Non-Aligned Countries	92	-09	2	2
East Germany	36	265	2	4	North Atlantic Treaty Organization	93	-09	0	1
Sweden	37	380	2	2	British Commonwealth	94	-09	0	1
Norway	38	385	1	1	Guadalcanal	95	-09	1	3
Denmark	39	390	1	0	Algeria	96	-09	0	1
The Netherlands	40	210	10	8	Rumania and Bulgaria	97	-09	1	0
Belgium	41	211	1	2	Ecuador and Peru	98	-09	1	0
West Germany	42	260	76	30	World Bank	99	-09	1	0
France	43	220	6	15	Not ascertained	-9	-09	1	871
Italy	44	325	3	2					
United Kingdom	45	200	324	106					
Vatican City	46	328	2	1					
Cuba	47	040	2	3					
Rhodesia	48	552	1	8					
Yemen	49	678	0	1					
Iran	50	630	6	1					
Brunei	51	835	5	3					
West Irian	52	851	4	2					
Yugoslavia	54	345	2	2					

Appendix B
Sub-national Categories

<u>Name</u>	<u>Code</u>	<u>Frequencies</u>		<u>Name</u>	<u>Code</u>	<u>Frequencies</u>	
		Sub- Actor Var 7	Sub- Target Var 11			Sub- Actor Var 7	Sub- Target Var 11
<u>Government *</u>	1100	5	0	<u>Primary industry</u>	3200	1	0
<u>Government (generally)</u>	1101	227	78	<u>Agriculture, fishery</u>	3201	15	23
<u>President, Prime</u>				<u>Mining</u>	3202	2	4
<u>Minister</u>	1102	347	140	<u>Secondary industry</u>	3300	0	1
<u>Foreign Ministry</u>	1103	205	39	<u>Food</u>	3301	7	3
<u>Ambassador</u>	1104	79	23	<u>Textile</u>	3302	21	12
<u>Finance Ministry</u>	1105	25	2	<u>Nonferrous metal</u>	3303	11	3
<u>Ministry of Trade</u>	1106	46	4	<u>Heavy industry</u>	3304	17	5
<u>Ministry of Trans- portation</u>	1107	9	2	<u>Chemical, fertilizer</u>	3305	16	11
<u>Ministry of Agriculture</u>	1108	10	3	<u>Metalworking</u>	3306	18	4
<u>Other ministries</u>	1109	29	7	<u>Machine, electric</u>	3307	37	20
<u>Defense Ministry</u>	1110	172	83	<u>Shipping, automobiles</u>	3308	89	37
<u>Congress, Diet</u>	1200	62	15	<u>Construction</u>	3309	7	3
<u>Courts</u>	1300	48	14	<u>Energy</u>	3310	33	12
<u>Local government</u>	1400	0	0	<u>Tertiary industry</u>	3400	0	0
<u>Local government</u>	1401	31	19	<u>Aviation</u>	3401	56	14
<u>Local police</u>	1402	25	4	<u>Merchant shipping</u>	3402	24	5
<u>The government party</u>	1500	15	5	<u>Merchant</u>	3403	13	7
<u>Public corporation</u>	1600	0	0	<u>Mass media</u>	3404	96	11
<u>JERTO</u>	1601	18	2	<u>Music, film</u>	3405	36	10
<u>Public enterprise</u>	1602	13	0	<u>Hotel, travel</u>	3406	6	2
<u>Royal family</u>	1700	43	7	<u>Japanese trading company</u>	3407	25	5
<u>Anti-government system</u>	2000	0	0	<u>Banks, monetary insti- tutions, insurance companies</u>	3408	56	10
<u>Opposition parties, Guerrilla</u>	2100	42	18	<u>Company operating over- seas</u>	3500	11	12
<u>Trade unions</u>	2200	37	5	<u>Mission</u>	4000	0	0
<u>Students</u>	2300	0	0	<u>Research mission</u>	4100	21	0
<u>Students (generally)</u>	2301	57	13	<u>Mission (general)</u>	4200	73	13
<u>Zen-Gaku Ren (Students Association of Japan)</u>	2302	7	1	<u>Tourist</u>	4300	6	2
<u>Industry sectors</u>	3000	0	0	<u>Individuals</u>	5000	0	0
<u>Financial circles</u>	3100	3	1	<u>Non-official civilian</u>	5100	321	73
<u>Financial circles</u>	3101	31	9	<u>Chinese abroad</u>	5200	7	4
<u>Federation of Economic Organizations</u>	3102	4	1	<u>Intellectual</u>	5300	111	13
<u>Chamber of Commerce and Industry</u>	3103	6	3	<u>Foreign residents</u>	5400	4	2
				<u>Missing data</u>	5500	2	0
				<u>Public opinion</u>	6000	28	4
				<u>Not ascertained</u>	-009	915	2858

*Underlined codes are general categories, some of which have specific sub-categories.

APPENDIX C

VARIABLE FORMAT

COLUMNS	VARIABLE NAME	VAR	OSIRIS LOCATION	WIDTH	MDCODE 1*
1-1	NEWSPAPER CODE	1	1	1	9
2-3	YEAR	2	2	2	-9
4-5	MONTH	3	4	2	-9
6-7	DAY	4	6	2	-9
8-9	ACTOR NATION	5	8	2	-9
10-12	RSS ACTOR CODE	6	10	3	-09
13-16	SUBACTOR	7	13	4	-009
17-17	A CORP NAME MENTIONED	8	17	2	-9
18-19	TARGET NATION	9	18	2	-9
20-22	RSS TARGET CODE	10	20	3	-09
23-26	SUBTARGET	11	23	4	-009
27-27	T CORP NAME MENTIONED	12	27	1	9
28-31	ISSUE	13	28	4	-009
32-34	BEHAVIOR	14	32	3	-09
35-36	EVALUATION	15	35	2	-9
37-37	NEWSPAPER DID EVALUATION	16	37	1	9
38-80	ARE BLANK				

* MISSING DATA CODE