

FACTOR 3

THE DIMENSIONALITY OF NATIONS PROJECT

RESEARCH REPORT

FACTOR 2

AD 733573

DDC
REGISTRY
DEC 15 1971
B

FACTOR

DEPARTMENT OF POLITICAL SCIENCE

IRN

UNIVERSITY OF HAWAII

LEB

MEX

GUA

AFG

URA

IND

POL
USR
CZE

EGY

YEM
SYH

YUG
SAU

Reproduced by
NATIONAL TECHNICAL
INFORMATION SERVICE

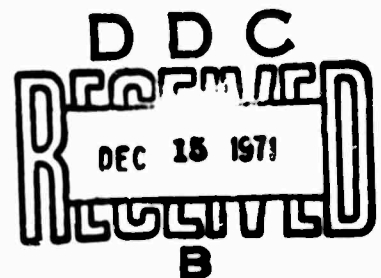
Springfield Va 22151



THE DIMENSIONALITY OF NATIONS PROJECT
Department of Political Science
University of Hawaii

Sponsored by
Advanced Research Projects Agency
ARPA Order No. 1063
Amend. No. b

DIMENSIONALITY OF NATIONS PROJECT
QUARTERLY TECHNICAL REPORT NO. 14
JULY 1, 1971 - SEPTEMBER 30, 1971



Prepared in connection with the Advanced Research Projects Agency, ARPA Order No. 1063 and monitored by the Office of Naval Research, Contract No. N00014-67-A-0387-0003.

This document has been approved for public release and sale; its distribution is unlimited and reproduction in whole or in part is permitted for any purpose of the United States Government.

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified

1. ORIGINATING ACTIVITY (Corporate author) THE DIMENSIONALITY OF NATIONS PROJECT	2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED 2b. GROUP
---	--

3. REPORT TITLE
 QUARTERLY TECHNICAL REPORT NO. 14 JULY 1, 1971 TO SEPTEMBER 30, 1971

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)
 QUARTERLY TECHNICAL REPORT NO. 14 JULY 1, 1971 TO SEPTEMBER 30, 1971

5. AUTHOR(S) (First name, middle initial, last name)
 R. J. RUMMEL

6. REPORT DATE OCTOBER 1971	7a. TOTAL NO OF PAGES 6	7b. NO OF REFS 0
--------------------------------	----------------------------	---------------------

8a. CONTRACT OR GRANT NO N00014-67-A-0387-0003 b. PROJECT NO	9a. ORIGINATOR'S REPORT NUMBER(S) Quarterly Technical Report No. 14 9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)
--	---

10. DISTRIBUTION STATEMENT
 This document has been approved for public release and sale; its distribution is unlimited and reproduction in whole or in part is permitted for any purpose of the United States Government.

11. SUPPLEMENTARY NOTES 2500 Campus Road Honolulu, Hawaii 96822	12. SPONSORING MILITARY ACTIVITY Advanced Research Projects Agency Washington, D.C.
---	---

13. ABSTRACT

In this quarter, no special research analysis was initiated. As the period from September 1, 1971, through August 31, 1972, will be the last year of the ten-year long project, the emphasis was shifted from a research-centered orientation to a wrapping-up endeavor. A new work schedule was worked out and the rounding up operation began as of September 1st.

In conjunction with this clearing procedure, we had Dr. Gordon Hilton of the Richardson Institute, England, conduct a full-scale review of the DOR Project in this quarter.

There were changes in the project staff, including the appointment of a new assistant director.

THE DIMENSIONALITY OF NATIONS PROJECT

QUARTERLY TECHNICAL REPORT NO. 14

JULY 1, 1971 - SEPTEMBER 30, 1971

ABSTRACT

In this quarter, no special research analysis was initiated. As the period from September 1, 1971, through August 31, 1972, will be the last year of the ten-year long project, the emphasis was shifted from a research-centered orientation to a wrapping-up endeavor. A new work schedule was worked out and the rounding up operation began as of September 1st.

In conjunction with this clearing procedure, we had Dr. Gordon Hilton of the Richardson Institute, England, conduct a full-scale review of the DON Project in this quarter.

There were changes in the project staff, including the appointment of a new assistant director.

THE DIMENSIONALITY OF NATIONS PROJECT
QUARTERLY TECHNICAL REPORT NO. 14
JULY 1, 1971 - SEPTEMBER 30, 1971

INTRODUCTION

This fourteenth quarterly report is divided into seven sections. The first describes the analyses initiated and completed during the quarter; the results of special significance are highlighted. Methodological problems faced during the analyses along with any computer programs that have been written or revised during the quarter are discussed in the second section. In this and the previous section, technical terms and discussions are avoided where possible. The third section describes the data collections begun and completed during the quarter. Current personnel, personnel commitments made and consultation are noted in the fourth section. Project activities are discussed in the fifth section and the sixth section covers project publications, research reports, and monographs in preparation and completed. The final section delineates changes in the DON budget, status of sub-contracts, and expenditures to date.

I. ANALYSES

During the quarter, no new research was initiated. Since the year that begins on September 1, 1971 and ends on August 31, 1972, will be the tenth and final year for this project, it was decided that emphasis should be laid upon round-up tasks rather than on initiation of new research. A new work plan was prepared to carry out the wrapping-up program.

1.1 The New Work Plan

Two major objectives of the new work program are: 1) accomplishment of the tasks exemplified in our "Five-Year Program" (Research Report No. 9) and 2) aggregation of the major achievements of the DON Project in a form usable to others elsewhere.

By the end of August 1972, work done in the past ten years will be summarized in the following reports and publications:

Research Report Number	Title (Simplified)	Activities Included
RR #71	CROSS-TIME ANALYSIS OF NATION ATTRIBUTES	Charting the shifts of nations in A-space across time
RR#72 and 73	CROSS-TIME ANALYSIS OF DYADIC BEHAVIOR, RANDOM AND SELECTED SAMPLES	Charting the shifts of nation dyads in B-space across time

Research Report Number	Title (Simplified)	Activities Included
RR#74	RELATION b/w (A- and B-SPACE)	Relating the shifts in A-space to those in B-space
RR#75	INDICATORS OF NATION ATTRIBUTE AND DYADIC BEHAVIOR	Delineating basic indicators of salient attribute distances and dyadic behavior patterns
RR#76	ASIAN SYSTEM	The global analyses for Asian nations only
RR#81	NATIONAL ATTRIBUTE DATA, 1950-1965	Finish data collection on five time-points: 1950, 1955, 1960, 1963, 1965
RR#82	DYADIC NATION BEHAVIORAL DATA, 1950-1965	Same as above
RR#83	MODULAR FACTOR ANALYSIS PACKAGE	Presentation of computer programs developed in the past for DON
RR#84	CODE 0991 PROCEDURE	Same as above
RR#85	WRITE-UPS FOR SUBROUTINES	Same as above
RR#90	MAJOR FINDINGS OF THE DON PROJECT: 1962-1972	Summary of the total work done in the past ten years

In addition to the above reports, the substantial discussion of the findings will be published in a book, Forces of Nations (2-3 volumes).

II. METHODOLOGY AND COMPUTER PROGRAMS

Work on the MODULAR FACTOR ANALYSIS PACKAGE was continued.

III. DATA

As of August 1, there were still 176 variables for which data were to be collected. As a result of an intensive collection campaign data were collected for the following 25 variables.

DATA COLLECTED IN A-SPACE DURING THIS QUARTER

Var. I.D.	Variable Name	Year(s)
1 11	English titles translated/foreign titles translated	1965
2 21	Killed in domestic violence	1965
3 22	General strikes	1965
4 23	Riots	1965
5 24	Purges	1965
6 25	Demonstrations	1965
7 27	Air distance from U.S.	1960, 1965
8 44	Religious titles published/book titles	1965
9 51	Languages	1965
10 52	Membership of largest language group/population	1965
11 53	Ethnic Groups	1965
12 80	Membership of largest ethnic group/population	1965
13 81	Assassinations	1965
14 82	Major governmental crises	1965
15 98	Radial measure of nation's capital	1955
16 99	Latitudinal measure of nation's capital	1955
17 100	Longitudinal measure of nation's capital	1955

DATA COLLECTED IN B-SPACE DURING THIS QUARTER

1 5	Official Visits	1965
2 6	Co-participation in international conferences	1965
3 10	Export of books and magazines	1955, 1965
4 11	Relative export of books and magazines	1955, 1965
5 12	Book translations A of B	1965
6 13	Relative book translations A of B	1965
7 26	Conflict Alliance	1950, 1955
8 73	Military Alliance	1955, 1965

IV. PERSONNEL

4.1 Project Director

Professor R. J. Rummel, Director of DON, continued library research related to Status-Field Theory.

4.2 Assistant Director

Professor Warren R. Phillips, who had served the DON Project as assistant director since September 1, 1969, has taken a leave of absence in order to take a position at Ohio State University on August 15, 1971.

Dr. Sang-woo Rhee is now the assistant director. Dr. Rhee completed his Ph.D. dissertation with DON (Research Report No. 57, see publication section below) in July, 1971. He has two law degrees -- LL.B. (public law, 1961) and LL.M. (international law, 1966), both from Seoul National University, and had eight years journalistic experience, including the political news editorship of the Chosun-Ilbo (Seoul, Korea). Dr. Rhee's major academic interest area is Communist China's foreign policy.

4.3 Associate Researcher

In July 1971, Professor George Kent attended a two-week Workshop on World Order in Forest Grove, Oregon. He presented papers on "Teaching Practical Policy Analysis" (DON Research Report No. 56) and on "Action Oriented Peace Education," and he drafted another paper on "Plan for Designing the Future" during the conference itself.

In September, Professor Kent attended the Executive Committee meeting of the Consortium on Peace Research, Education, and Development, in Racine, Wisconsin. During this meeting, he agreed to undertake efforts to establish a Peace Studies section in the International Studies Association. In addition, with the encouragement and support of representatives of the World Law Fund, he agreed to plan a workshop to be held next summer on the design of models of world order. This effort grows out of work and contacts that were originated during the July conference in Oregon.

4.4 Research Assistants

Dennis Hall and Paul Williamson left the DON Project during this quarter. Mr. Hall changed his major and moved to the Department of Information Sciences. Mr. Williamson is writing his dissertation at his residence in Michigan.

Chang-yoon Choi and Peter Sybinsky became half-time research assistants during this quarter. Both were East-West Center Grantees and have worked for DON as graduate assistants (unpaid) in the past year.

As of September 30, 1971, four half-time research assistants, one full-time programmer, five graduate assistants and about ten undergraduate assistants were working for DON.

4.5 Consultation

Dr. Gordon Hilton of the Richardson Institute, London, finished his review of the DON Project and left on September 25, 1971. His review covered most of the intellectual commitment and accomplishments made in the past nine years by DON members and revealed both the strengths and weaknesses of DON. At the end of his review, he also made several recommendations including the termination of DON in 1972.

V. DON ACTIVITIES

5.1 DON Staff Meeting

During this quarter, staff meetings were held twice a month. All meetings were devoted to discussions of new work schedules for the final project year. No guest speaker was invited.

VI. PUBLICATIONS AND REPORTS

6.1 Research Reports

Rummel, R. J. "Status-Field Theory and International Relations." August 1971. Research Report No. 50.

Rhee, Sang-Woo. "Communist China's Foreign Behavior: An Application of Field Theory Model II." July 1971. Research Report No. 57.

6.2 Review Report

Hilton, Gordon. "A Review of the Dimensionality of Nations Project." September 1971.

VII. BUDGET

7.1 Fiscal Status

7.1.1 Amount Funded

The total amount (09-01-67 to 08-31-72) is \$876,846.00 of which \$219,000 is funding for year -05 (09-01-71 to 08-31-72).

7.1.2 Estimated Expenditures and Commitments:

Total Expenditures to date (09-01-67 to 09-30-71) \$612,872.00

Total Estimated Expenditures (09-01-67 through 08-31-72) \$871,846.00

7.1.3 Estimated Funds Required: Approximately \$880,000. This takes into account the five-year research plan of the project, which is currently being funded in its final year.