THE
POLITICAL SCIENCE
NETWORK

CONNECTIONS AMONG SCHOLARS
AT THE APSA ANNUAL MEETING

Political Networks Conference
McGill University
May 30, 2014

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THE POLITICAL SCIENCE NETWORK

CONNECTIONS AMONG SCHOLARS AT THE APSA ANNUAL MEETING

1. The Network
   APSA conference participation from 2002 to 2013

2. Communities:
   What are the communities, and how separated are they?

3. Centrality: Who is central in our network? Why?
MOTIVATION

Navel gazing: Who are we?

Understanding the discipline: How does our national meeting work? What are the contours of the subfields?

Check on our methods: When we use these tools to look at ourselves, do we believe what we find? Should that change how we think about other applications?
APSA: Panel Data for 2002 to 2013
• Every presentation — participants and panels
• 18,722 unique participants
• 10,229 unique panels
• Drop poster sessions, short courses, working groups, business meetings and other non-academic events

MPSA: Same for 2010 to 2013
• Yet to be analyzed
• Hold back for verification

Thanks to Steven Smith and Richard Houston at APSA and Will Morgan and Rommel Acebedo at MPSA.
CONFERENCE NETWORKS

APSA 2013

- SCHOLAR
- PANEL

INCLUDES ALL SCHOLARLY PANELS.

DOES NOT INCLUDE WORKING GROUPS, SHORT COURSES, OR BUSINESS MEETINGS
APSA 2002-2013

- SCHOLAR
- PANEL

Includes all scholarly panels.

Does not include working groups, short courses, or business meetings.
CONFERENCE NETWORKS

SCHOLAR TO SCHOLAR

ONE-MODE PROJECTION OF BIPARTITE GRAPH

INCLUDES ALL SCHOLARLY PANELS.

DOES NOT INCLUDE WORKING GROUPS, SHORT COURSES, OR BUSINESS MEETINGS
CONFERENCE NETWORKS

INSTITUTIONAL AFFILIATION

- TOP 10
- TOP 25
- ALL OTHERS

ONE-MODE PROJECTION OF BIPARTITE GRAPH

USN&WR RANK OF HIGHEST RANKING INSTITUTION THE SCHOLAR WAS AFFILIATED WITH DURING THIS PERIOD.
CONFERENCE NETWORKS

NETWORKERS

ONE-MODE PROJECTION OF BIPARTITE GRAPH

OTHER NODES NOT DEPICTED.

NETWORKERS ARE THOSE WHO HAVE EVER PRESENTED ON A NETWORKS SECTION (SECTION 50) PANEL
COMMUNITY DETECTION
COMMUNITY DETECTION

MODULARITY

By Rank: 0.059

By Section: 0.210 (BASED ON WHICH SECTION EACH SCHOLAR PRESENTS IN MOST FREQUENTLY.)

By Field: 0.274 (BASED ON A RECODE OF SECTION)
COMMUNITY DETECTION

Fastgreedy algorithm
Maximizes modularity
• 50 communities
• 8 larger than 150 members.

By Communities: \textbf{0.535}
COMMUNITY DETECTION

COMMUNITIES

ONE-MODE PROJECTION OF BIPARTITE GRAPH

COMMUNITIES AS DETECTED BY THE FASTGREEDY ALGORITHM, WHICH MAXIMIZES MODULARITY.
COMMUNITY DETECTION

NUMBER OF SCHOLARS WHOSE MOST COMMON SECTION IS...
Comparative
FREQUENCY OF SECTION IN COMMUNITY

Political Economy
Comparative Politics
The Politics of Communist and Former Communist Countries
Comparative Politics of Developing Countries
Advanced Industrial Politics and Society
European Politics and Society
International Political Economy
International Collaboration
Comparative Democratization
Human Rights
Qualitative and Multi-method Research
Comparative II

FREQUENCY OF SECTION IN COMMUNITY

- Comparative Politics
- Advanced Industrial Societies
- European Politics and Society
- International Political Economy
- International Security and Arms Control
- Foreign Policy
- Legislative Studies
- Religion and Politics
- Elections and Voting Behavior
- International History and Politics
International Relations

FREQUENCY OF SECTION IN COMMUNITY

- Comparative Politics
- International Political Economy
- International Collaboration
- International Security
- International Security and Arms Control
- Foreign Policy
- Conflict Processes
- International History and Politics
- Comparative Democratization
- Human Rights
- Qualitative and Multi-method Research
American Institutions and Behavior

FREQUENCY OF SECTION IN COMMUNITY
COMMUNITY DETECTION

Law, Courts and Policy

FREQUENCY OF SECTION IN COMMUNITY
Social Movements

FREQUENCY OF SECTION IN COMMUNITY
Teaching

FREQUENCY OF SECTION IN COMMUNITY
COMMUNITY DETECTION

COMMUNITIES

- THEORY
- COMPARATIVE
- COMPARATIVE II
- INTERNATIONAL RELATIONS
- AMERICAN INSTITUTIONS AND BEHAVIOR
- AMERICAN / LAW AND COURTS
- SOCIAL MOVEMENTS
- TEACHING

ONE-MODE PROJECTION OF BIPARTITE GRAPH

COMMUNITIES AS DETECTED BY THE FASTGREEDY ALGORITHM, WHICH MAXIMIZES MODULARITY. SEE PREVIOUS SLIDES.
CENTRALITY
**DEGREE**
- Matt A. Barreto (Washington)
- James N. Druckman (Northwestern)
- Scott D. McClurg (Southern Illinois)
- Sebastian M. Saiegh (UC San Diego)
- Sean Gailmard (UC Berkeley)
- Jon A. Krosnick (Stanford)
- James H. Fowler (UC San Diego)
- Amaney Jamal (Princeton)
- Layna Mosley (UNC Chapel Hill)
- John H. Aldrich (Duke)

**EIGENVECTOR**
- Peregrine Schwartz-Shea (Utah)
- Dvora Yanow (Wageningen)
- Dorian T. Warren (Columbia)
- Emily Hauptmann (W. Michigan)
- Lisa Wedeen (Chicago)
- Ronald J. Schmidt Sr. (CSU Long Beach)
- Mary Hawkesworth (Rutgers)
- Katherine Cramer (Wisconsin)
- Kevin M. Bruyneel (Babson)
- Jan Kubik (Rutgers)

**BETWEENNESS**
- Lee Trepanier (Saginaw Valley State)
- Amaney Jamal (Princeton)
- Mark E. Warren (British Columbia)
- Rogers M. Smith (Penn)
- Charles L. Mitchell (Grambling State)
- Lilly J. Goren (Carroll University)
- Chris C. Demchak (Arizona)
- John H. Aldrich (Duke)
- Sebastian M. Saiegh (UC San Diego)
- Peter Augustine Lawler (Berry)

**CLOSENESS**
- Yvette M. Alex-Assensoh (Oregon)
- Matt A. Barreto (Washington)
- Amaney Jamal (Princeton)
- Sebastian M. Saiegh (UC San Diego)
- John H. Aldrich (Duke)
- Michelle M. Taylor-Robinson (Texas A&M)
- Beatriz Magaloni (Stanford)
- Cindy D. Kam (Vanderbilt)
- Rose McDermott (Brown)
- David M. Farrell (University College Dublin)
- Jennifer Gandhi (Emory)
AFFILIATION RANK

USN&WR RANK OF HIGHEST RANKING INSTITUTION THE SCHOLAR WAS AFFILIATED WITH DURING THIS PERIOD.
CENTRALITY

NETWORKS SECTION

THOSE WHO HAVE EVER PRESENTED ON A NETWORKS SECTION (SECTION 50) PANEL

DEGREE

BETWEENNESS

EIGENVECTOR

CLOSENESS
CENTRALITY

NOEL’S FRIENDS

0.000 0.002 0.004 0.006 0.008 0.010

Hans Noel
Seth E. Masket
Gregory Koger
David Karol
Jonathan M. Ladd
John R. Zaller
Larry M. Bartels

0 50 100 150 200 250

DEGREE
AND WHAT ABOUT YOU?