

Cool Coolhunts

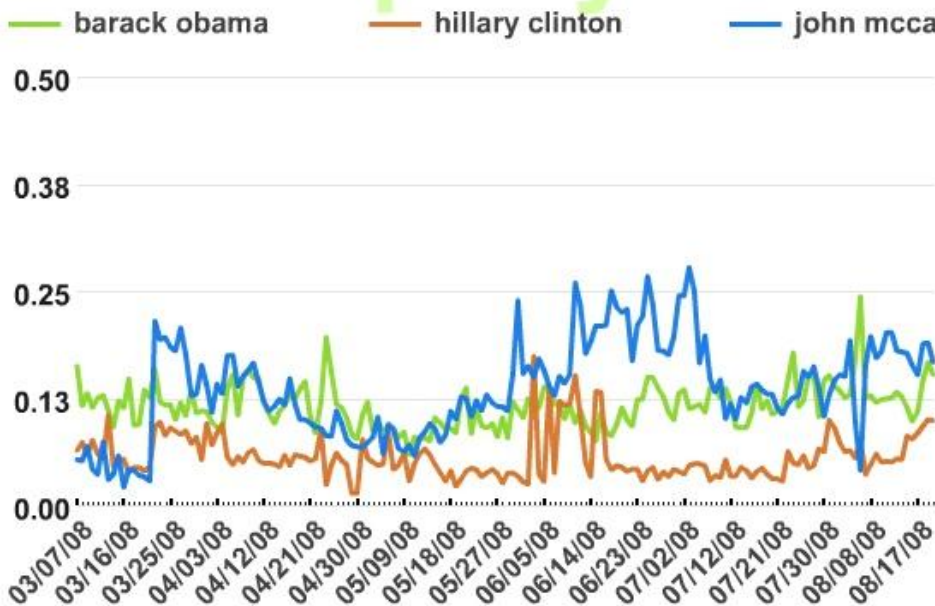
Peter A. Gloor

MIT Center for Collective Intelligence

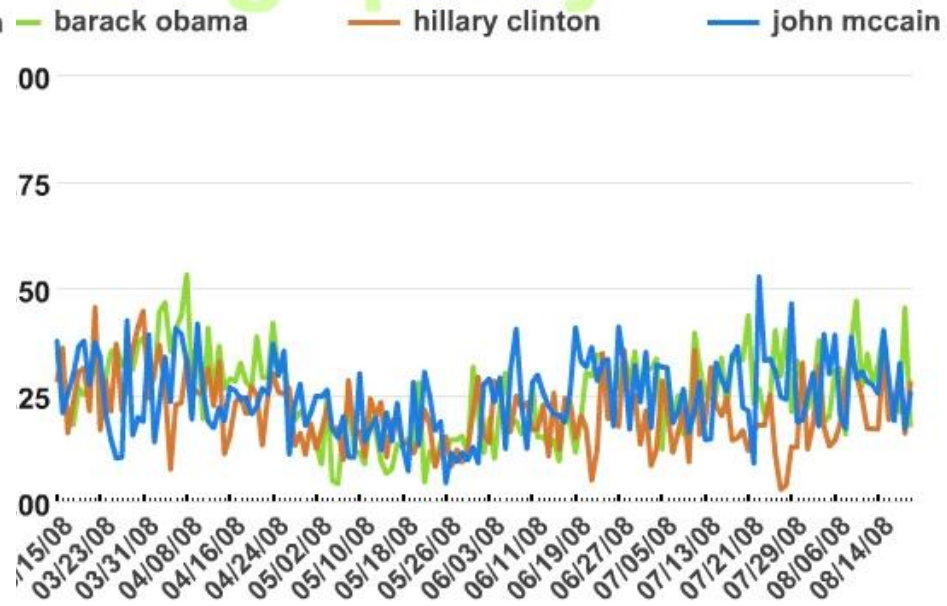
Unit of Observation	Interaction Archives	Research Goals
World	Web/Blog/ Social Networking sites	Predict movie box office success Predict political elections Predict consumer sentiment Predict stocks
Organization	Intranet/E-Mail/phone log	Predict project success Predict startup success
Individual	Web/Blog/E-Mail/phone log/ sociometric badges	Predict personality characteristics Predict team success

Web and Blogs correspond to Real World

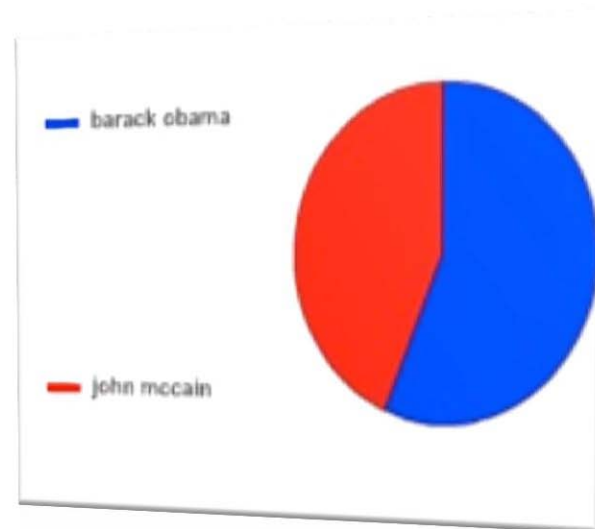
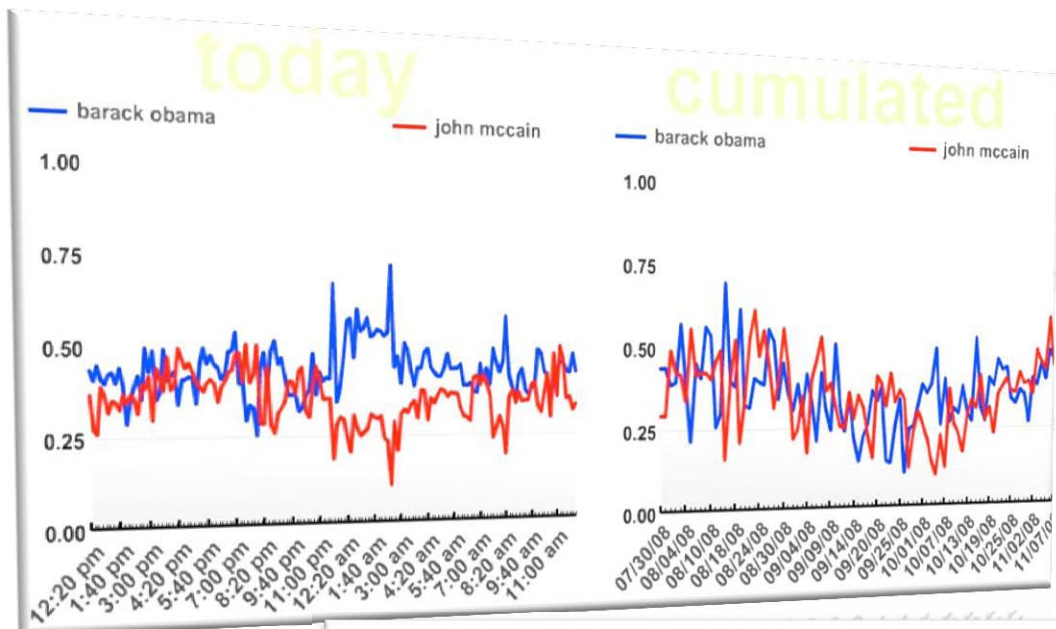
web query



blog query

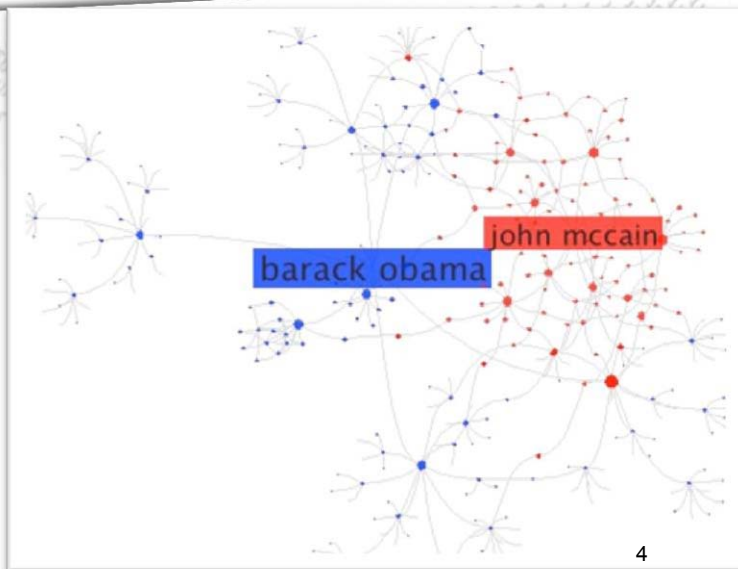


Predicting US Presidential Elections, Nov. 4, 2008



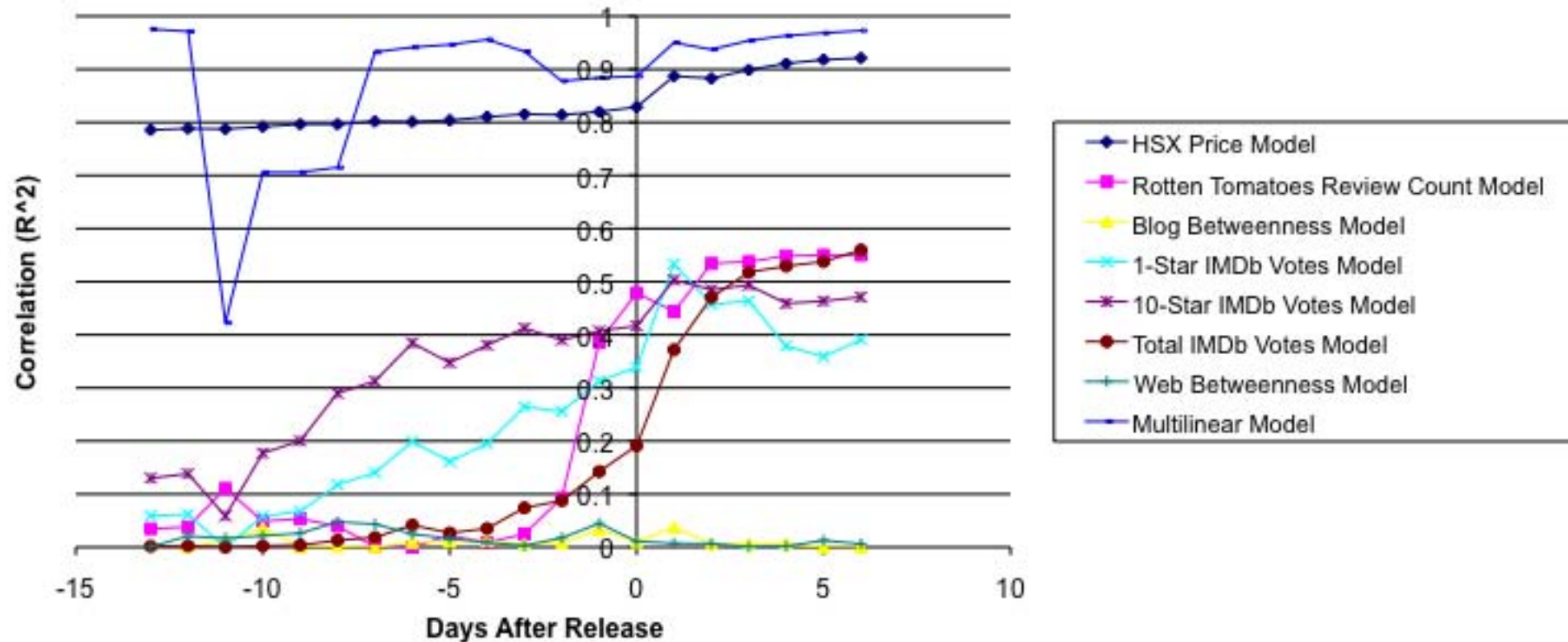
On Election Night Blog Buzz metric:
47% McCain
53% Obama

Corresponds to popular vote!



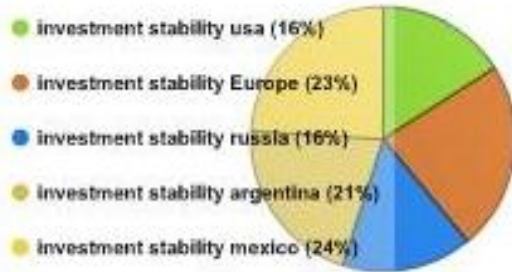
Predicting Oscars and Box Offices Success

Correlation of Independent Variables Against Final Movie Box-Office Gross Revenues



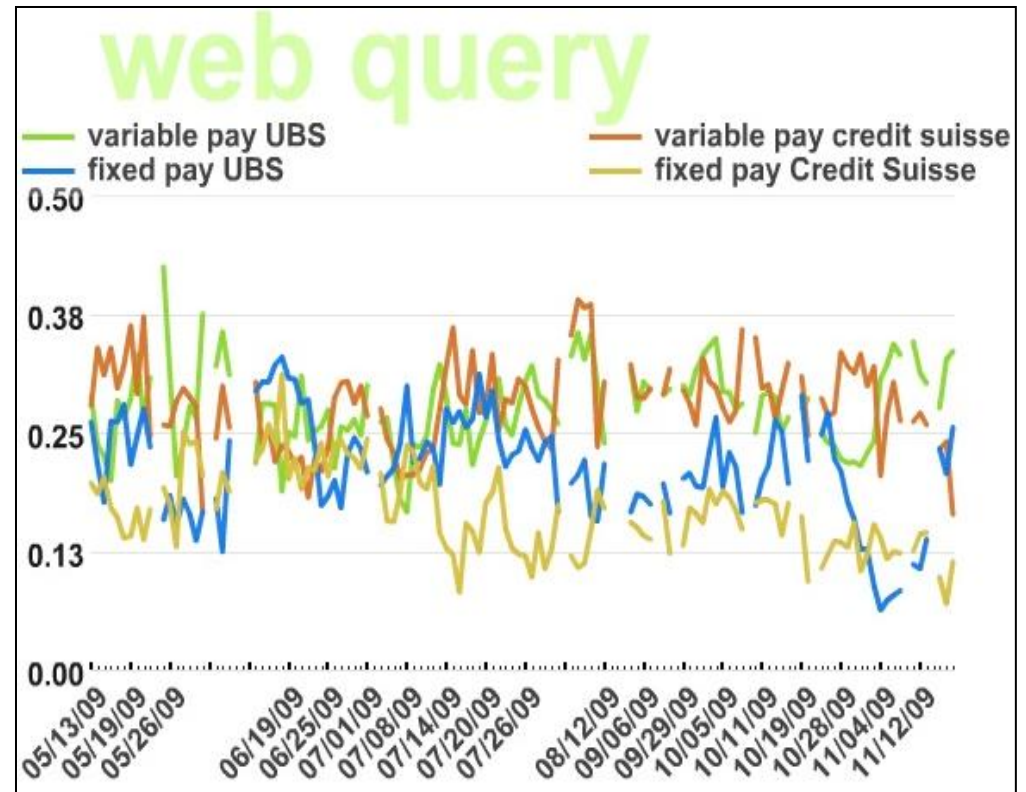
Investment Trends

Buzz-share

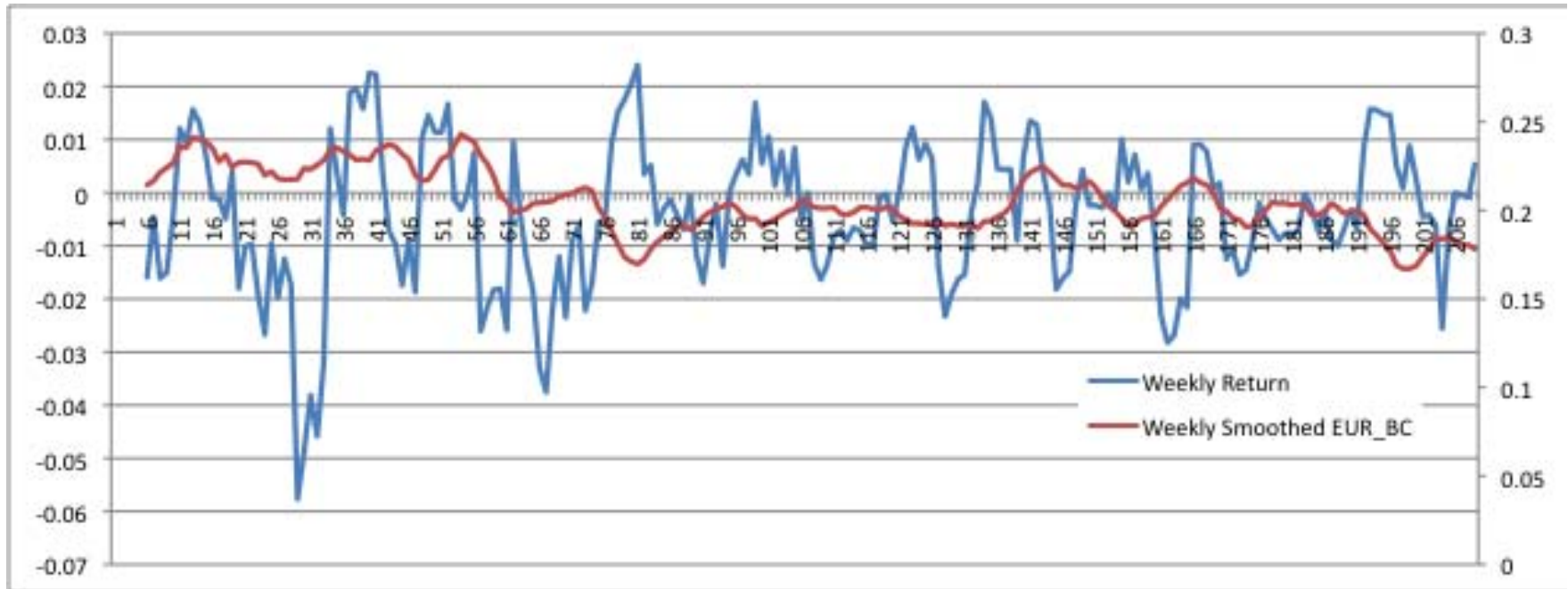


shared

Pharma ETF: Investment Stability In an Uns
<http://seekingalpha.com/article/113330-pharma-etf-investmen>
<http://www.reuters.com/article/marketViews/idUSSALPHA1133>



F/X Trading



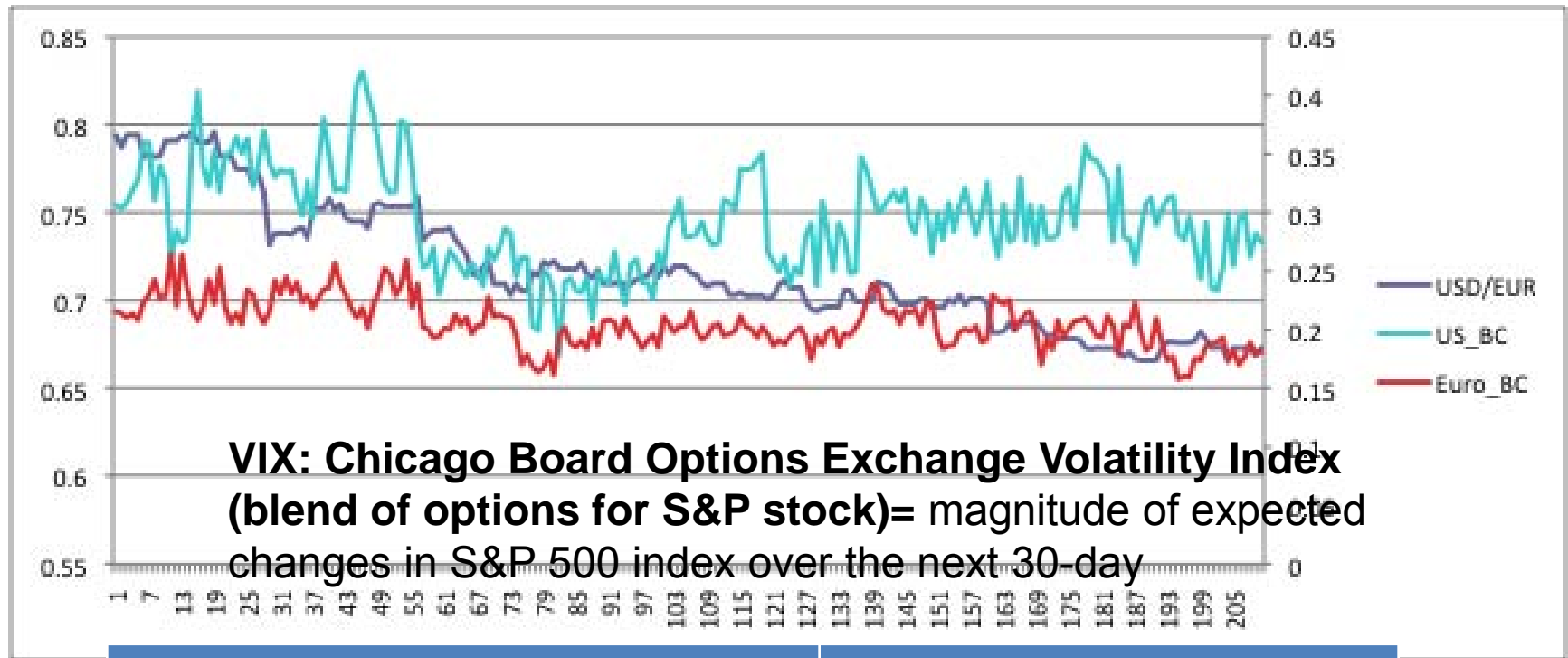
EUR/USD returns

Baseline Model R² adjusted

“USD”/“EURO”

0.13*

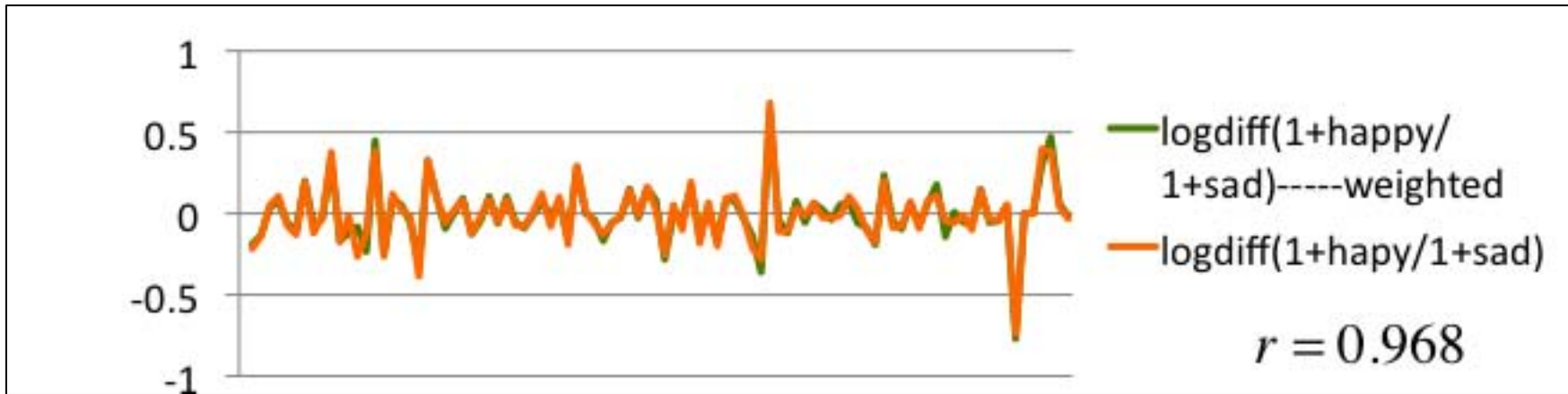
S&P Trading



S&P returns	Baseline Model R ² adjusted
VIX/VIX 1 st diff	0.064**
“United States”/”EURO”	0.042**
VIX/VIX 1 st diff, “United States”/”EURO	0.169**

Twitter Stockprediction

hope, fear, worry

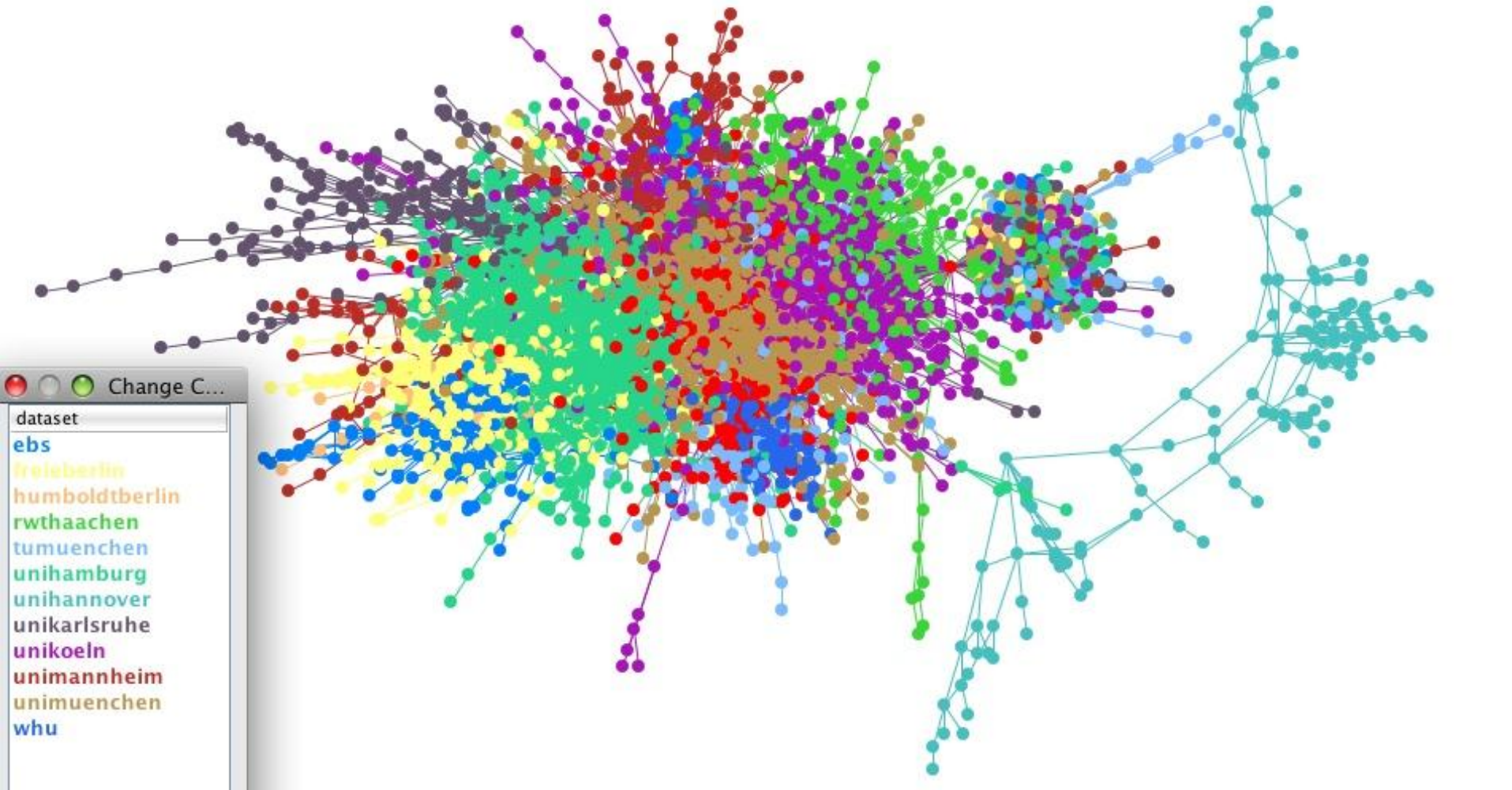


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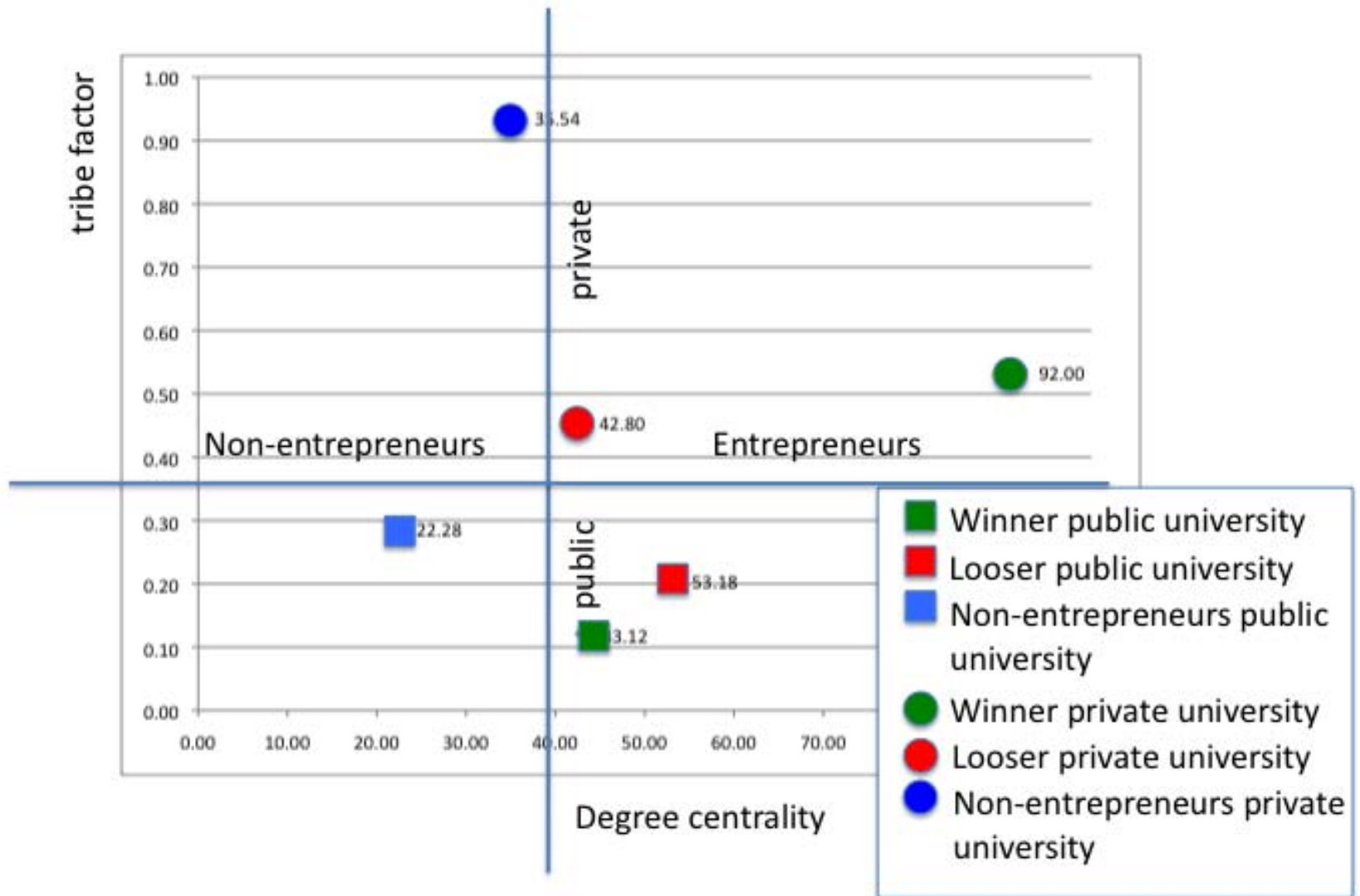
All founders of 12 Universities

Normal Graph, TO and CC edges

Edges : 10281 Nodes : 5841

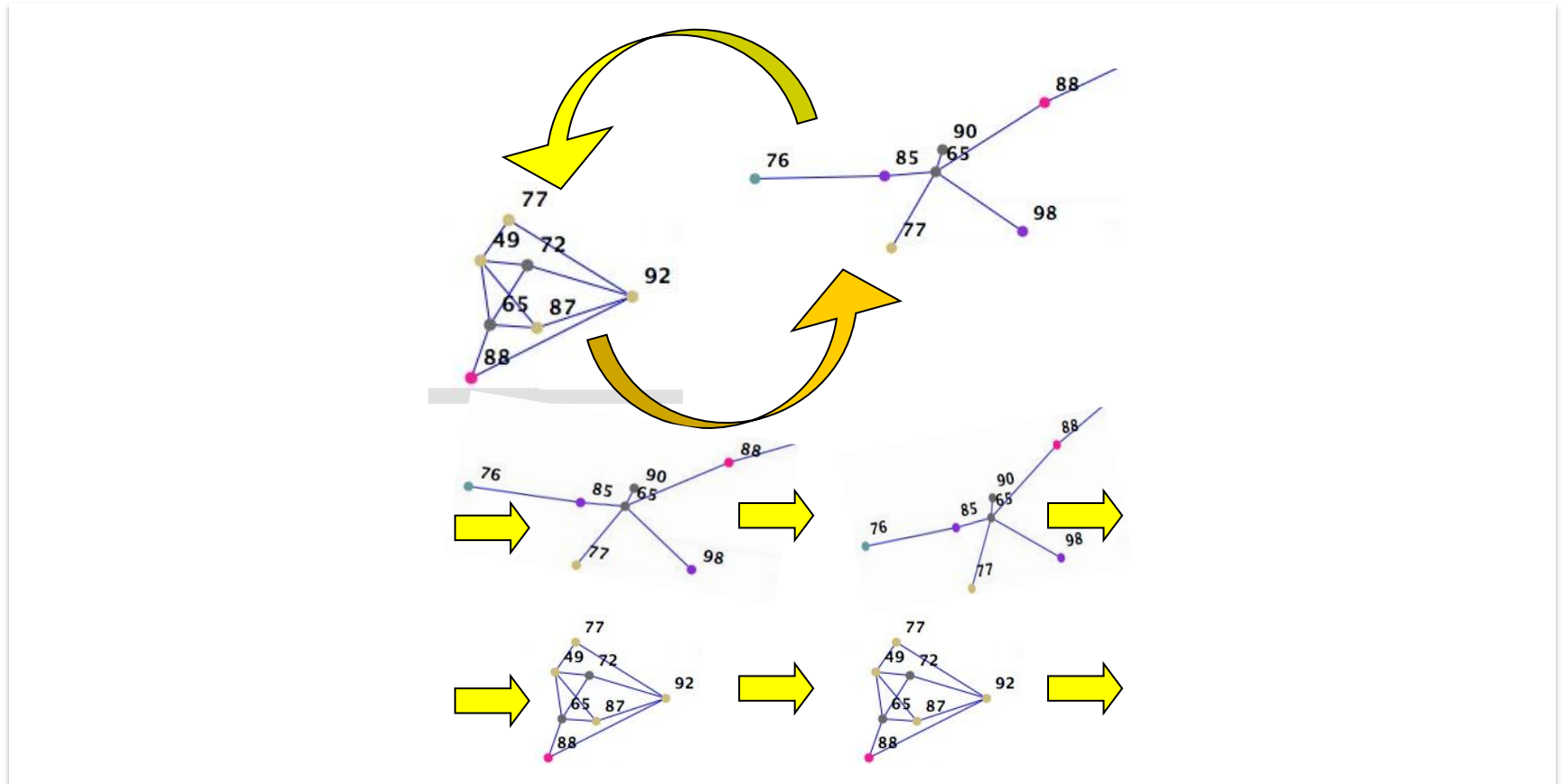


The Digital Divide

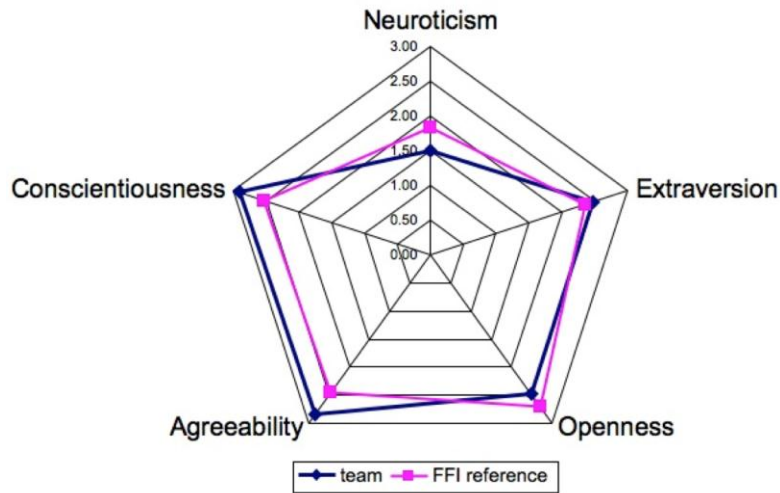


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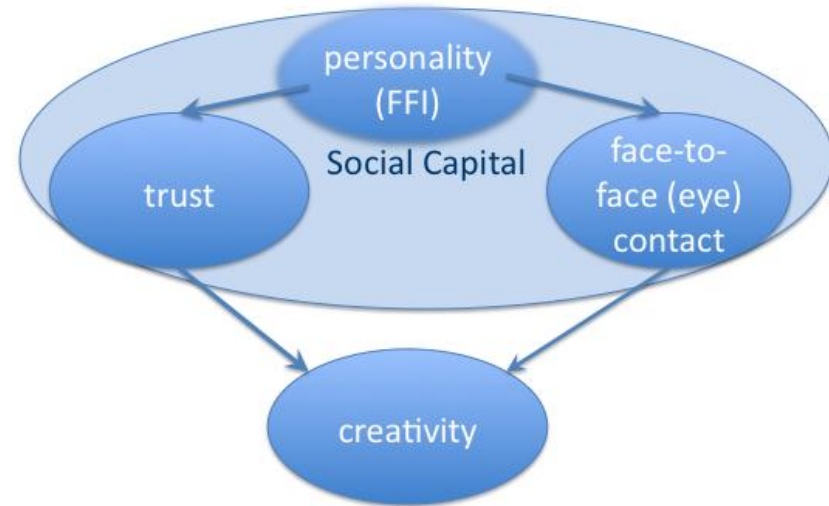
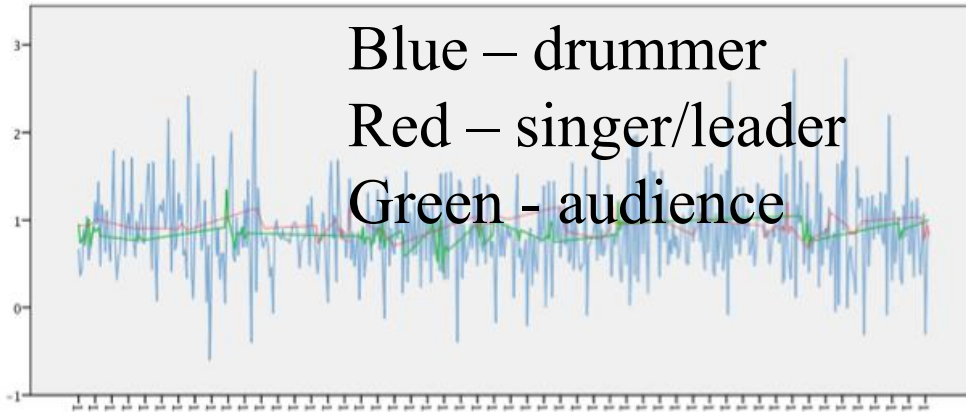
Creativity and Performance of Eclipse Developers



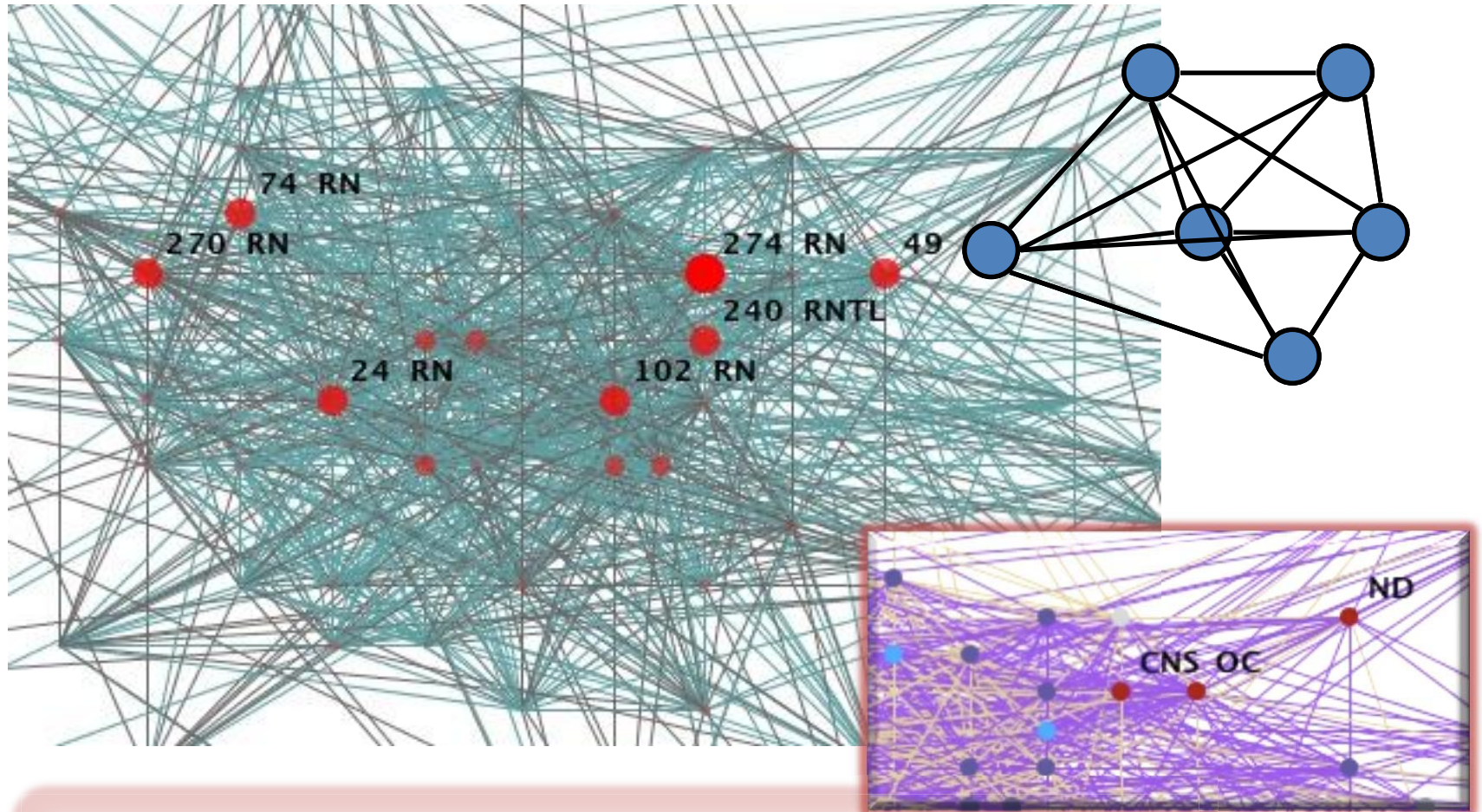
Individual Signals



Blue – drummer
Red – singer/leader
Green - audience



Social Network of Nurses in PACU



The leadership communicates with each other
RN 274 is by far the most between!

Thank You

Tom Allen
Robin Athey
Melina Becker
Hans Brechbuhl
Gloria Busche
Scott Cooper
Marius Cramer
Marco DeMaggio
Pierre Dorsaz
Lyric Doshi
Scott Dynes
Marc Egger
Eric Esser
Kai Fischbach
Hauke Führes
Julia Gluesing
Francesca Grippa
George Herman
Takashi Iba
Bill Ives
Eric Johnson
Adriaan Jooste
Jermain Kaminski
Min-Hyung Kang
Yared Kidane
Reto Kleeb
Jonas Krauss
Dustin Larimer
Casper Lassenius
Rob Laubacher
Charles Leiserson

Fillia Makedon
Tom Malone
Pascal Marmier
Chris Miller
Stefan Nann
Keiichi Nemoto
Tuomas Niinimäki
Daniel Olguin Olguin
Daniel Oster
Maria Paasivaara
Sandy Pentland
John Quimby
Johannes Putzke
Ornit Raz
Renaud Richardet
Ken Riopelle
Michael Schober
Detlef Schoder
Thomas Schmalberger
Shosta Sulonen
Masamichi Takahashi
David Verrill
Christoph Von Arb
Ben Waber
Andrew Westerdale
JoAnn Yates
Wayne Yuhasz
Xue Zhang
Antonio Zilli
Yan Zhao

<http://www.ickn.org>
<http://www.swarmcreativity.net>
www.galaxyadvisors.com

The screenshot shows the website for COINs 11, with the tagline "thinking the swarm". The navigation menu includes: home, open call, organization, speakers, registration, workshops, program, and venue. The main content area features several article teasers:

- Diversity begets creativity- Tapping into Swarm Creativity**: Diversity begets creativity - in this seminar we tap the amazing power of swarm creativity on the Web by studying and working together as Collaborative Innovation Networks (COINs). As interdisciplinary teams of MIT management, SCAD design, University of Cologne informatics, and Aalto University software engineering students we will explore how to discover latest trends on the Web, and how to make them succeed in online social networks.
- Planning an International Conference**: Coordinators share unique experiences transferring knowledge about COINs in an international setting.
- Feature Workshop for COINs 11- Tryplex**: "We want to learn how to use technology for innovative design improvisation"
- What is Hyperwerk?**: A Design School at the center of Basel
- Experiencing COINs 09'**

On the right side, there is a Facebook social plugin for "Collaborative Innovation Networks: COINs Conference" with 104 likes and a list of users who liked it.

MIT OpenCourseWare
<http://ocw.mit.edu>

15.599 Workshop in IT: Collaborative Innovation Networks
Fall 2011

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.