

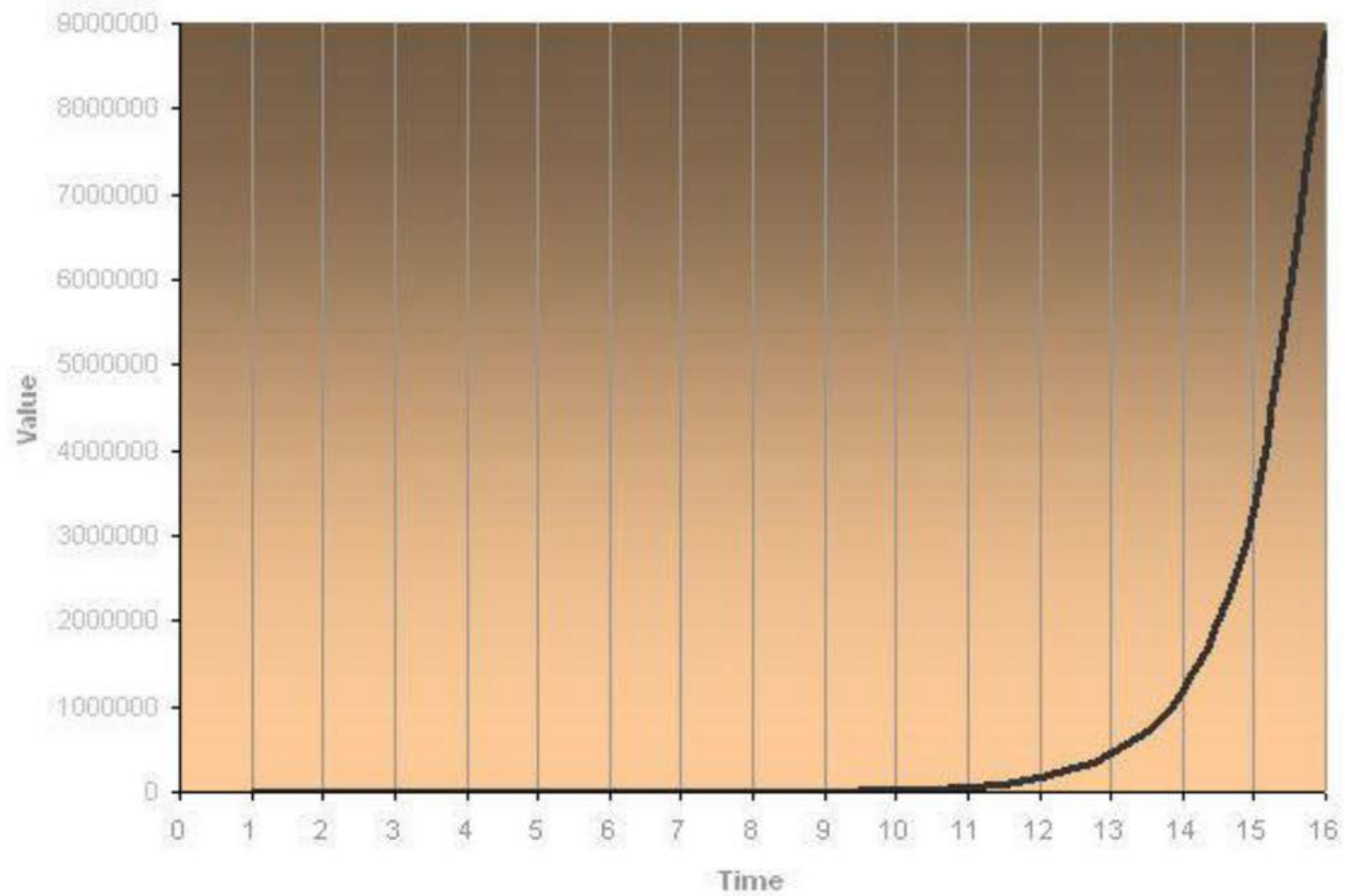


Psychology

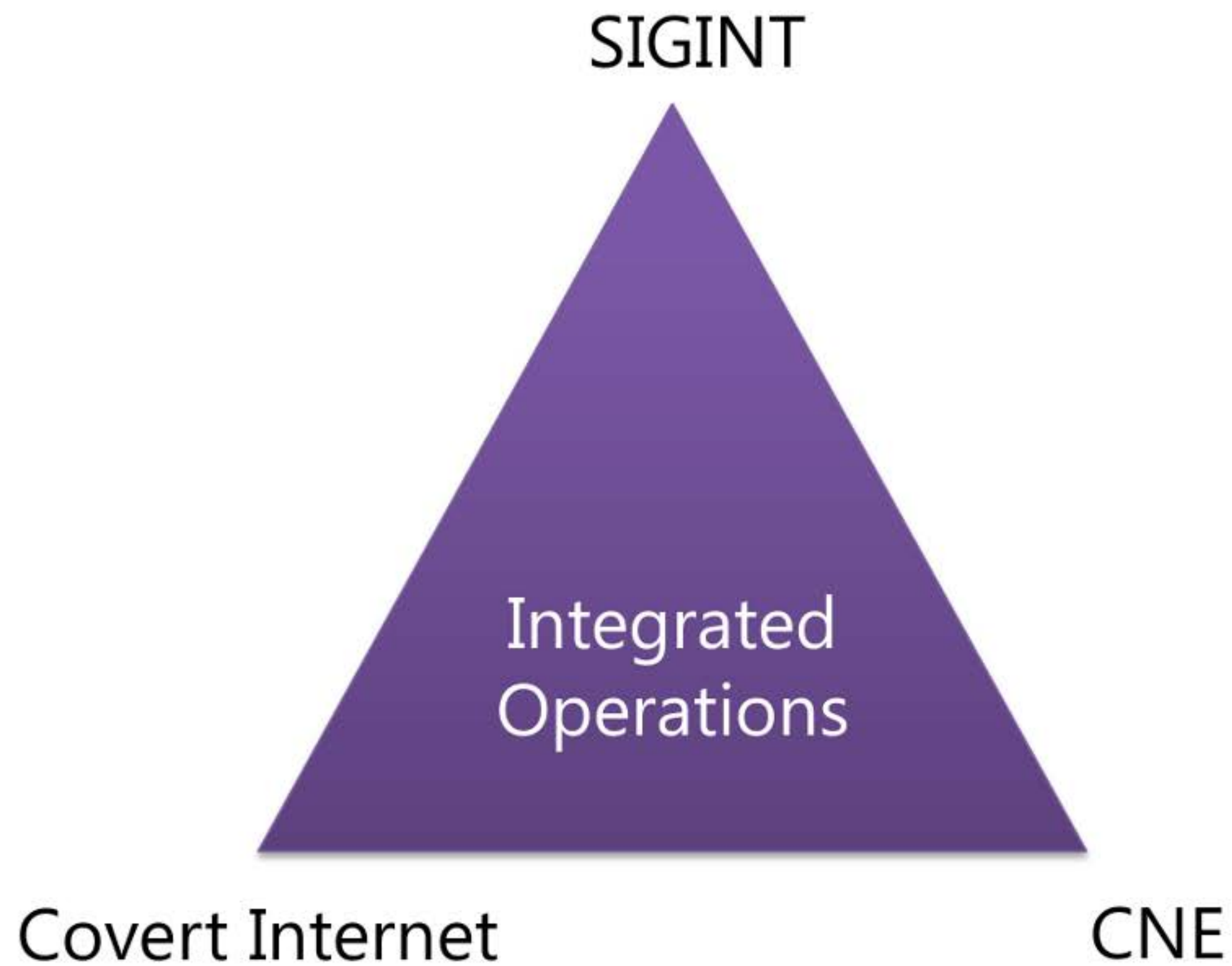
A New Kind of SIGDEV

Establishing the Human Science Operations Cell





100bn





Online
HUMINT

Strategic
Influence

Disruption
and CNA

Psychology 101 concepts illustrated:



Extrovert



Introvert

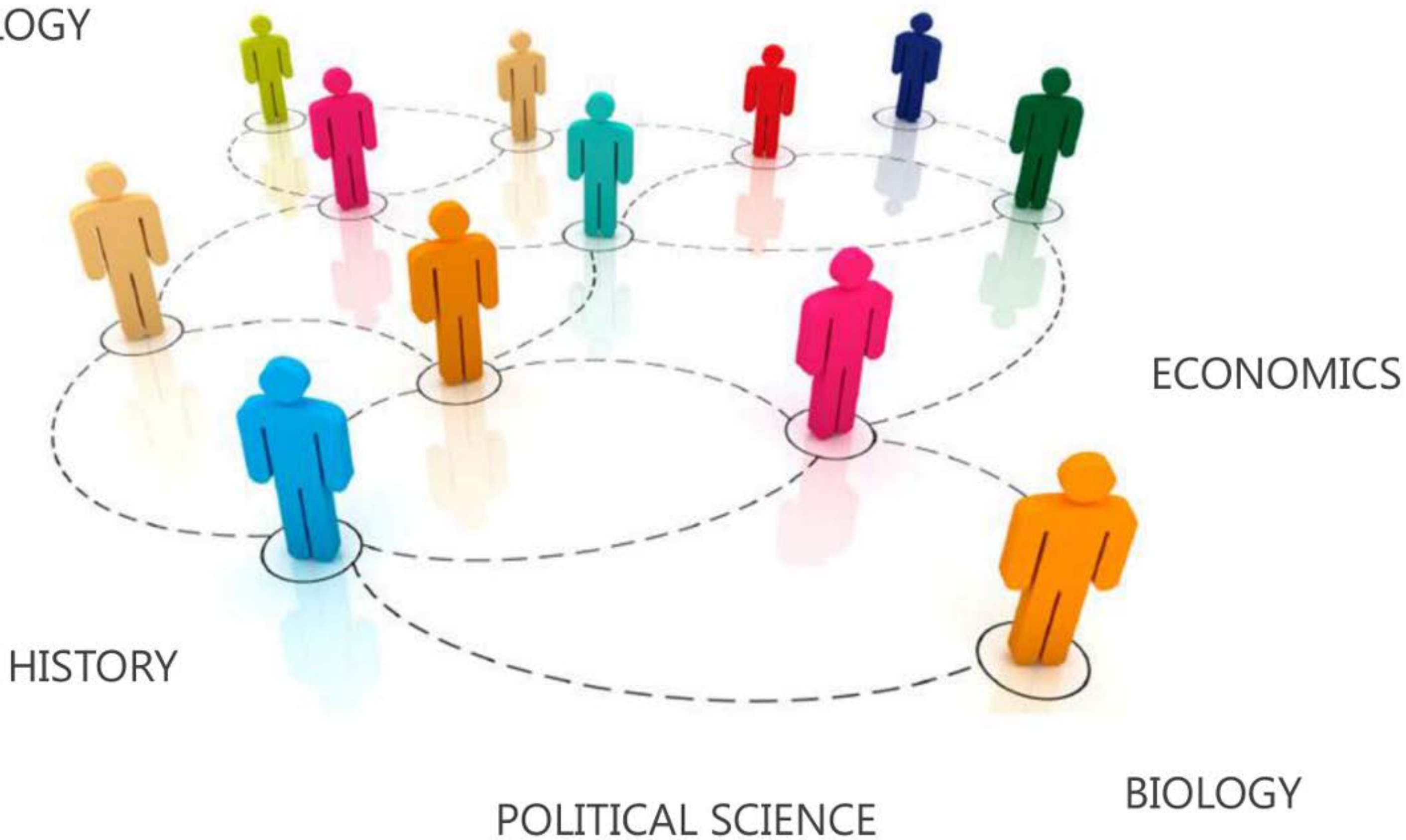


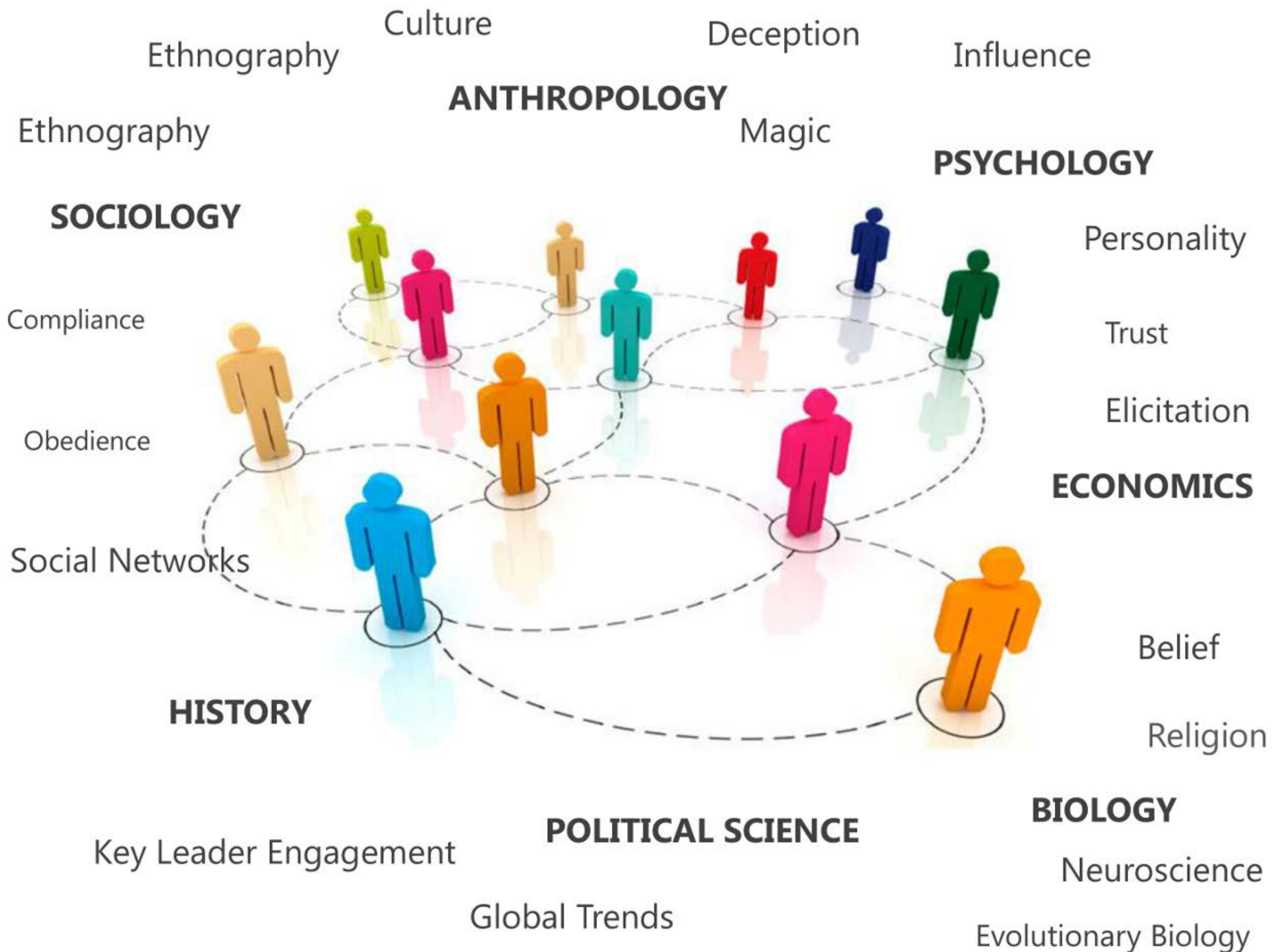
Human Science?

ANTHROPOLOGY

PSYCHOLOGY

SOCIOLOGY





S4

SCIENCE

SIGINT

SKILLS

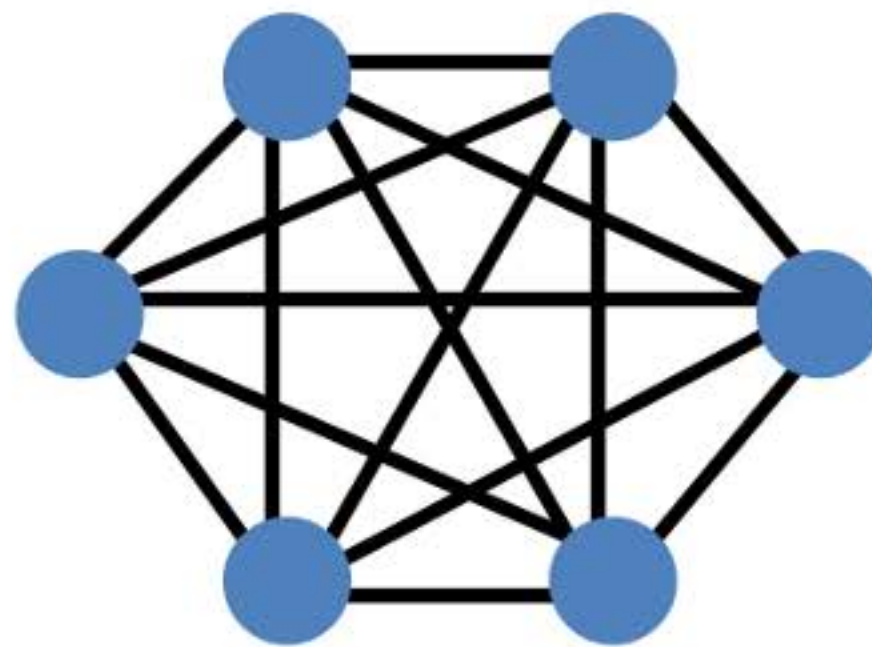
SYSTEMS



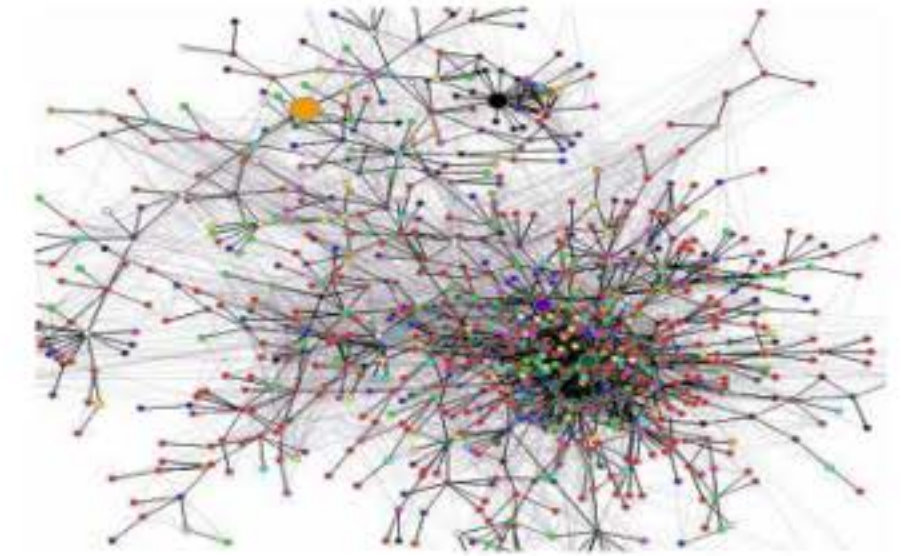




Individuals



Groups



Socio-Cultural

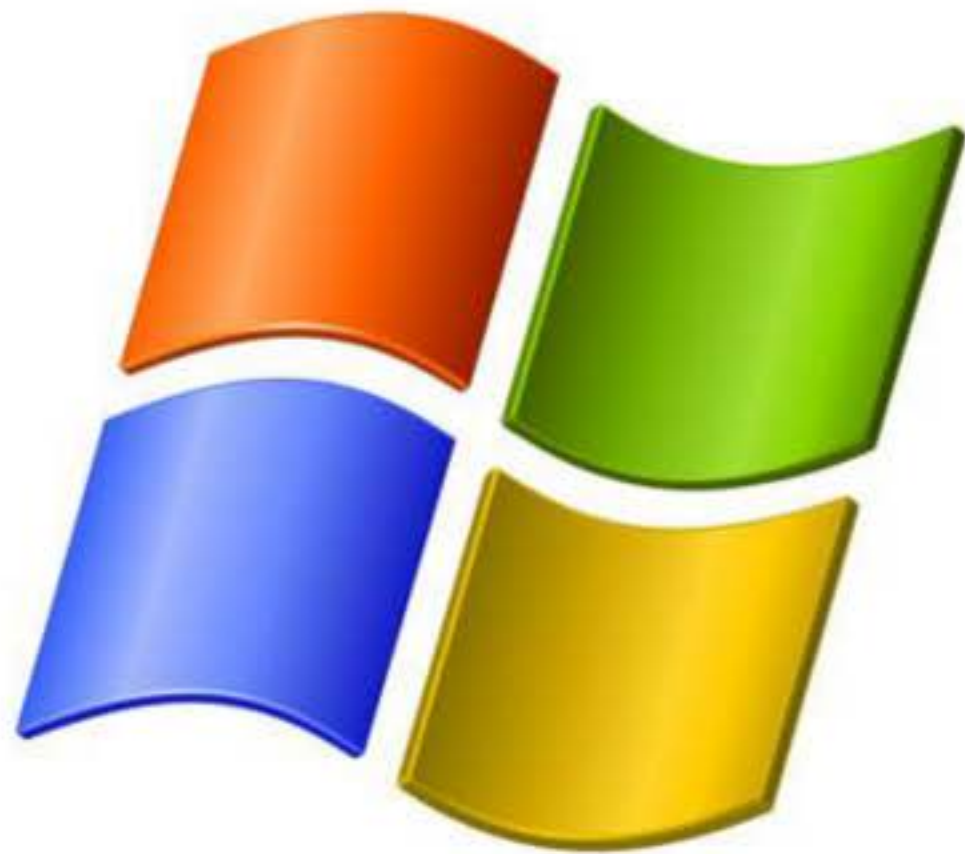


A full-page background image of a massive ocean wave crashing. The water is a deep, vibrant blue, and the crest of the wave is curling over, creating a large, white, frothy plume of spray. The sky above is dark and filled with heavy, white clouds, suggesting a storm. The overall mood is powerful and dramatic.

OCEAN

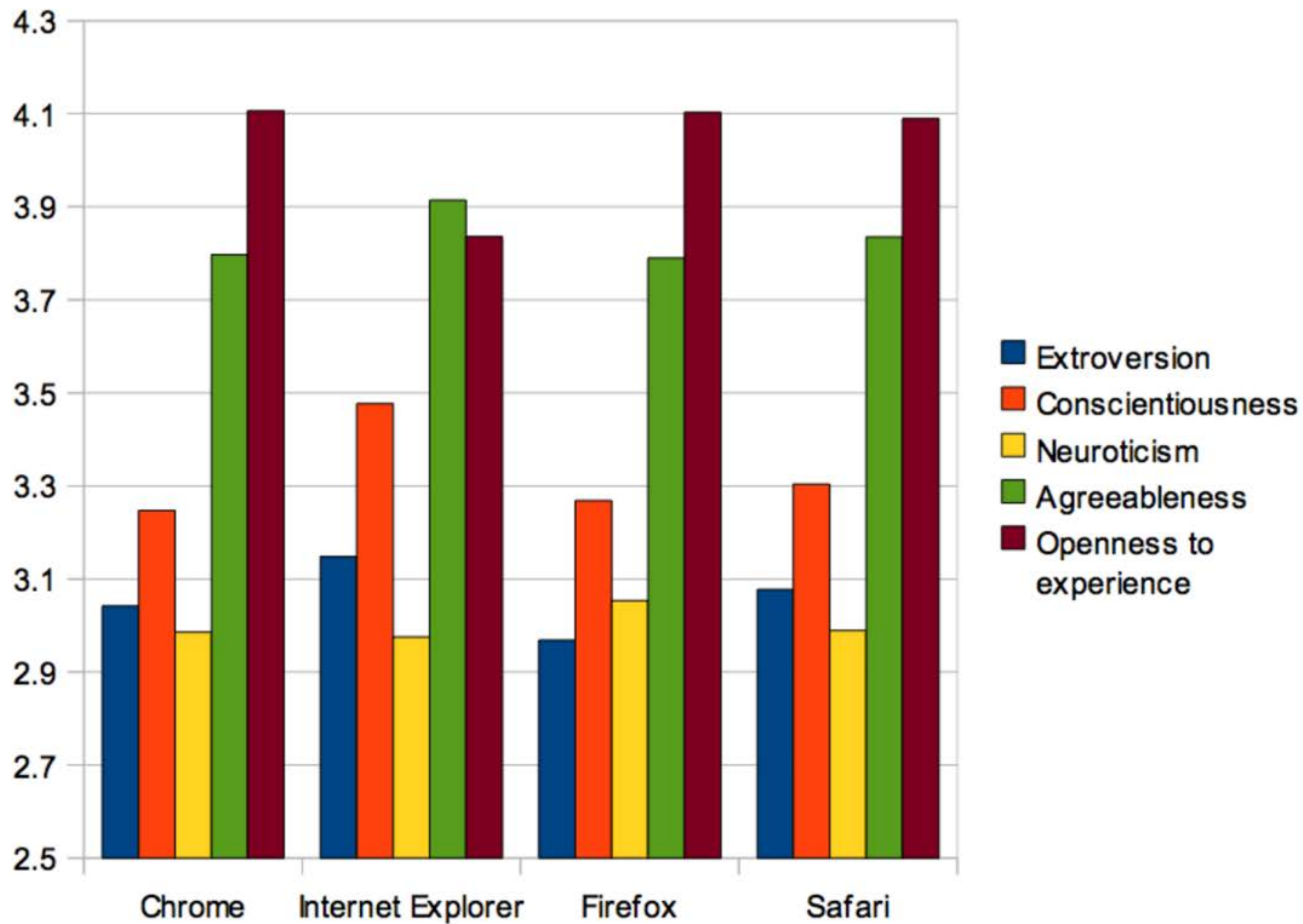
OCEAN

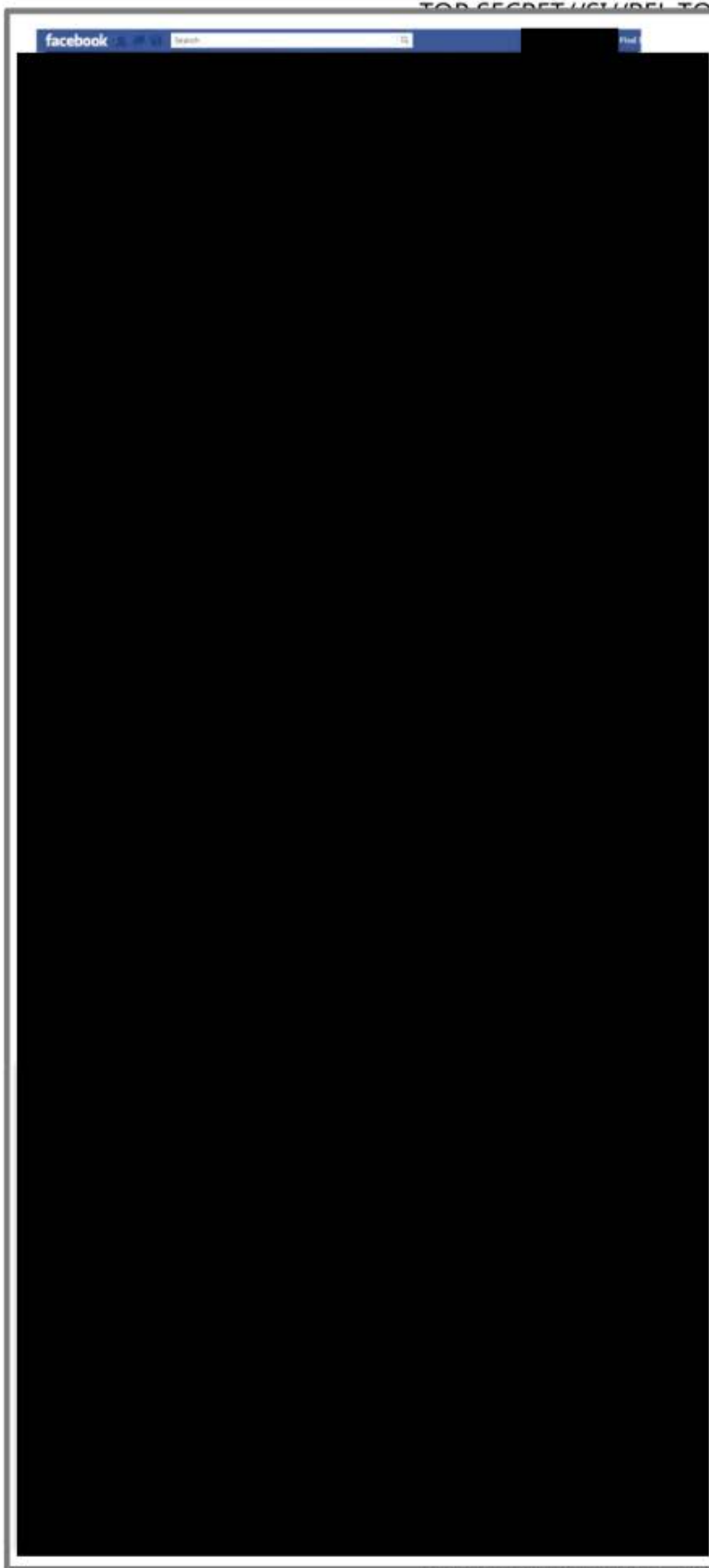
Openness Conscientiousness Extroversion
Agreeableness Neuroticism



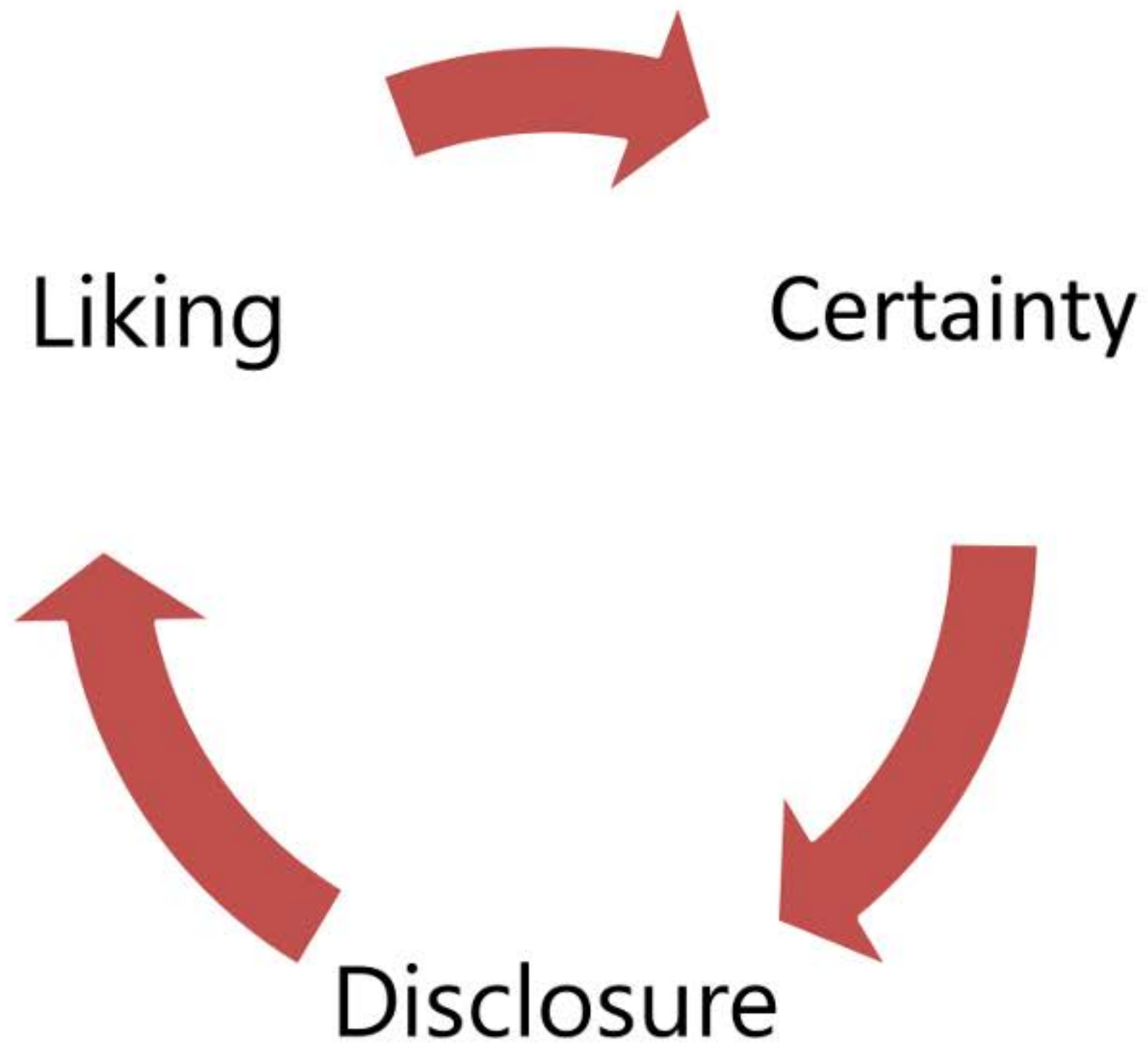
VS





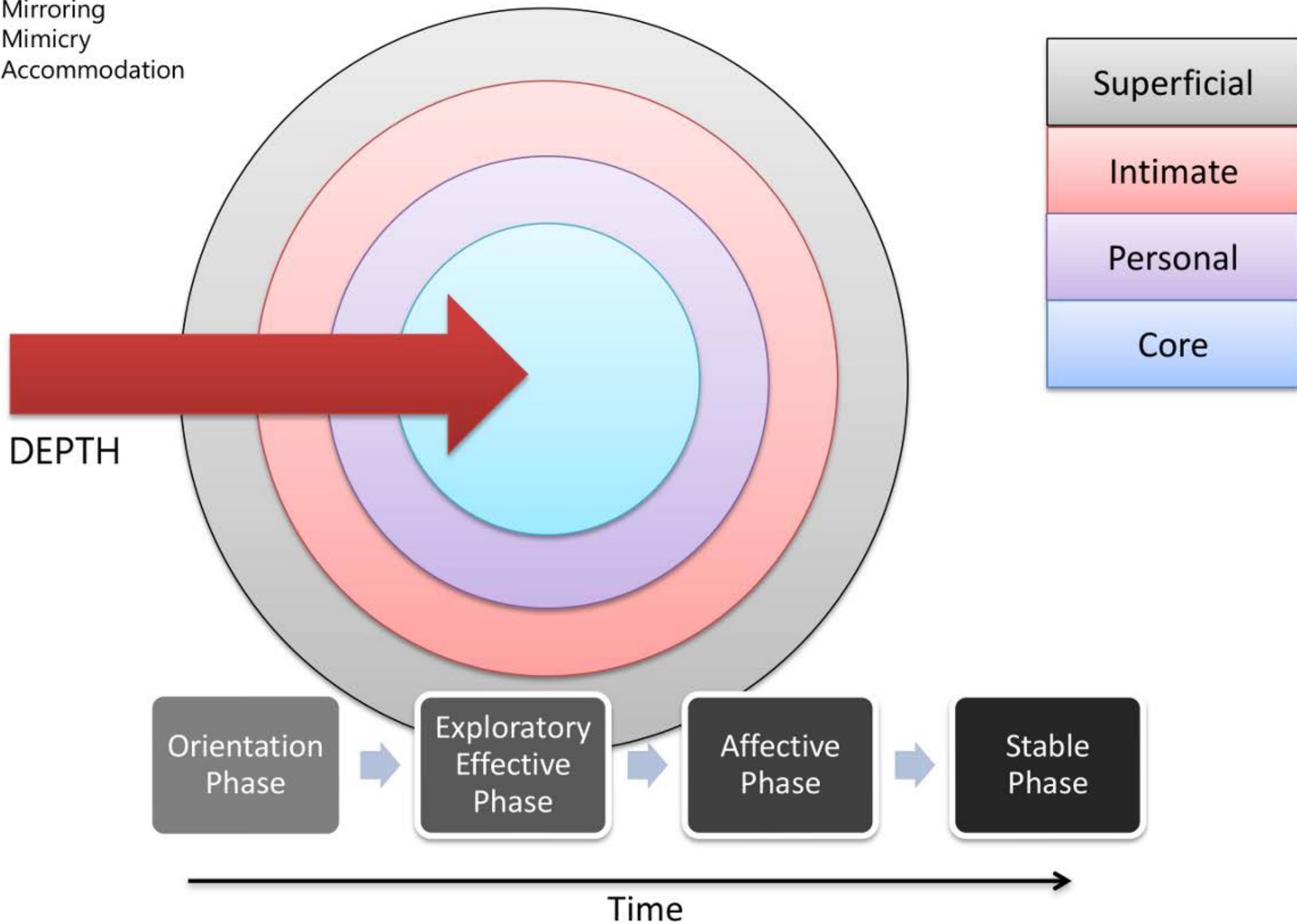


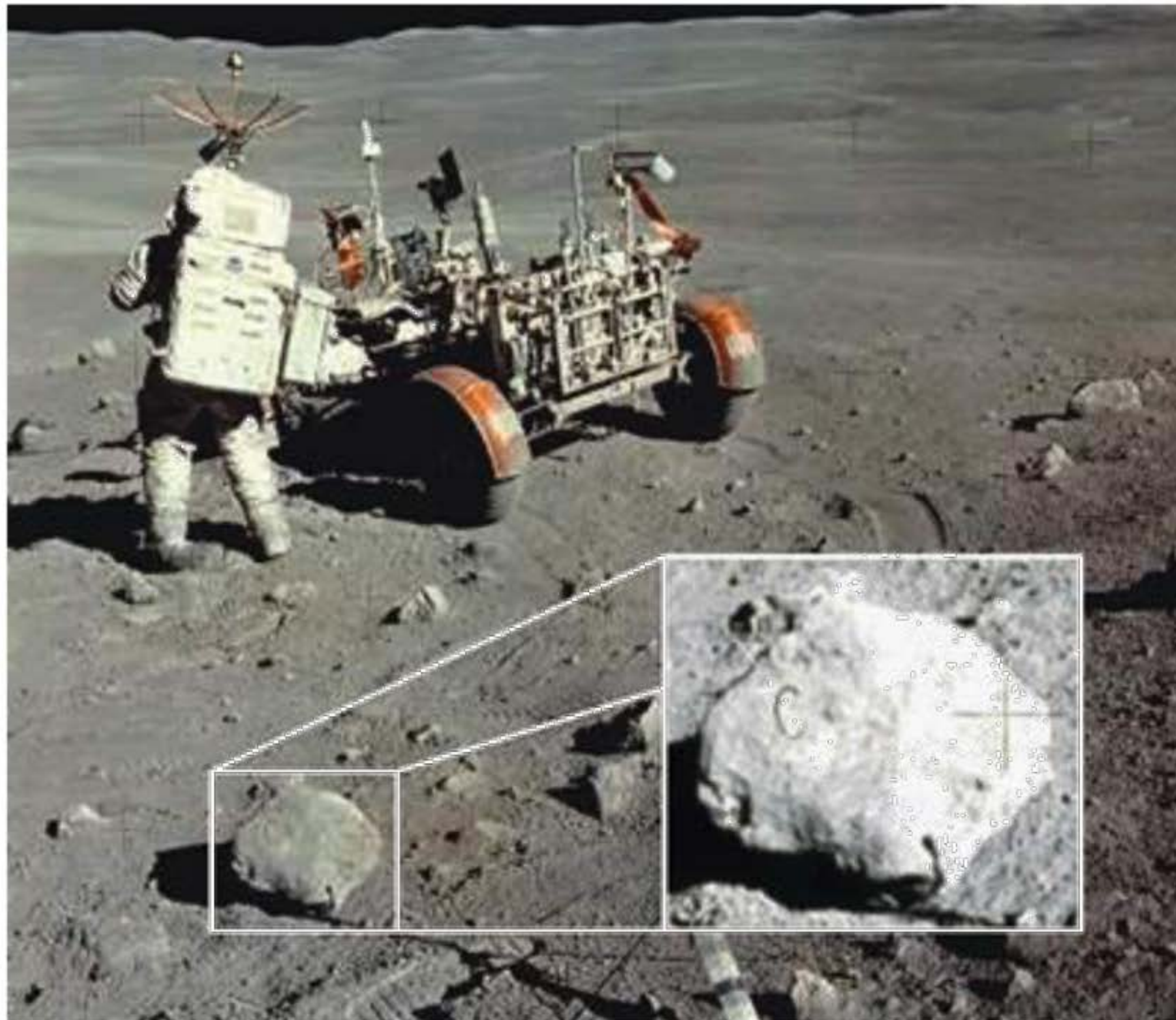
What
can we
tell?

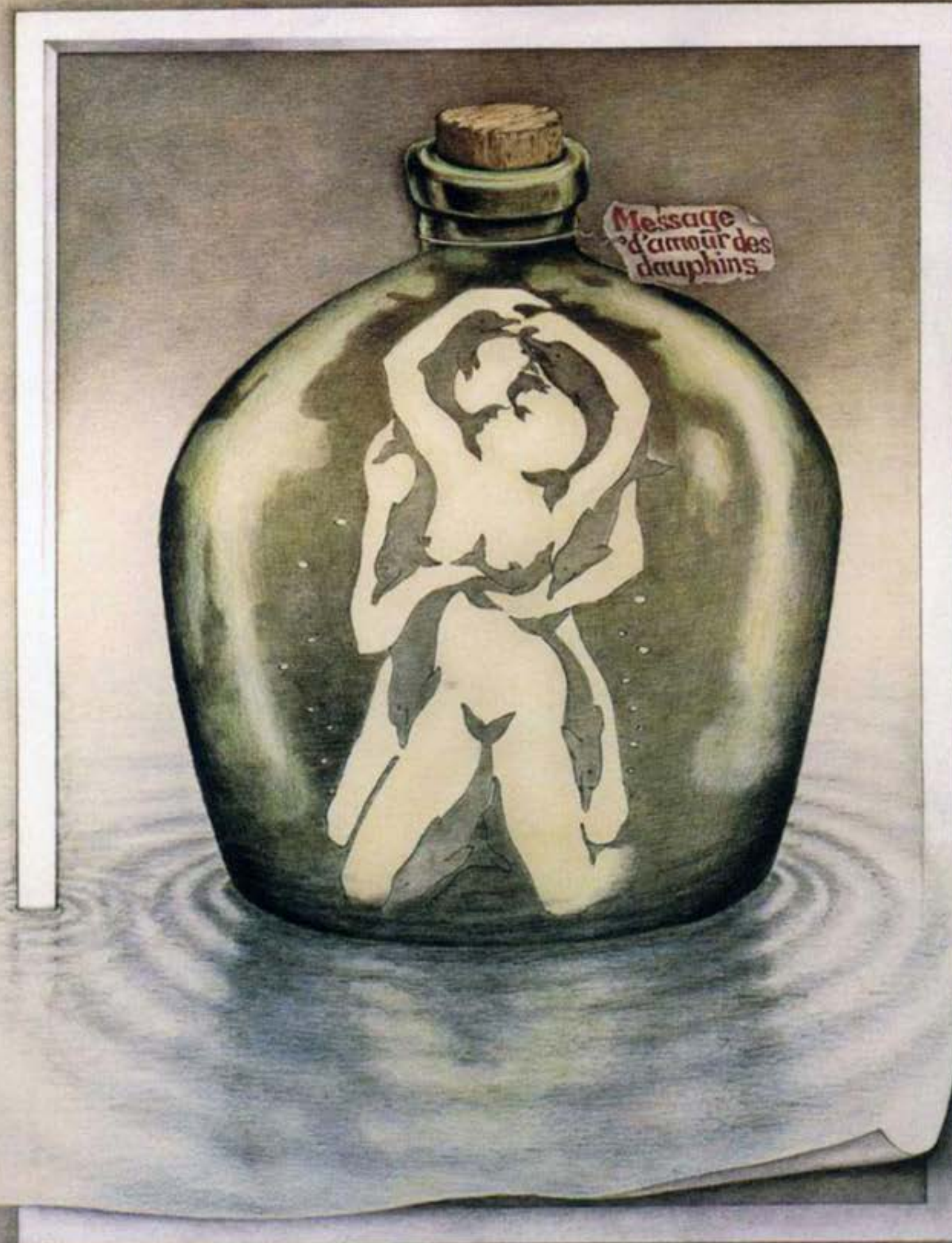


Facilitated through:

Mirroring
Mimicry
Accommodation







Liebesbotschaft der Delfphine II/XX handkoloriert Sande Det. Del



SQUEAKY DOLPHIN



Can SIGDEV help us understand and shape
the Human Terrain?

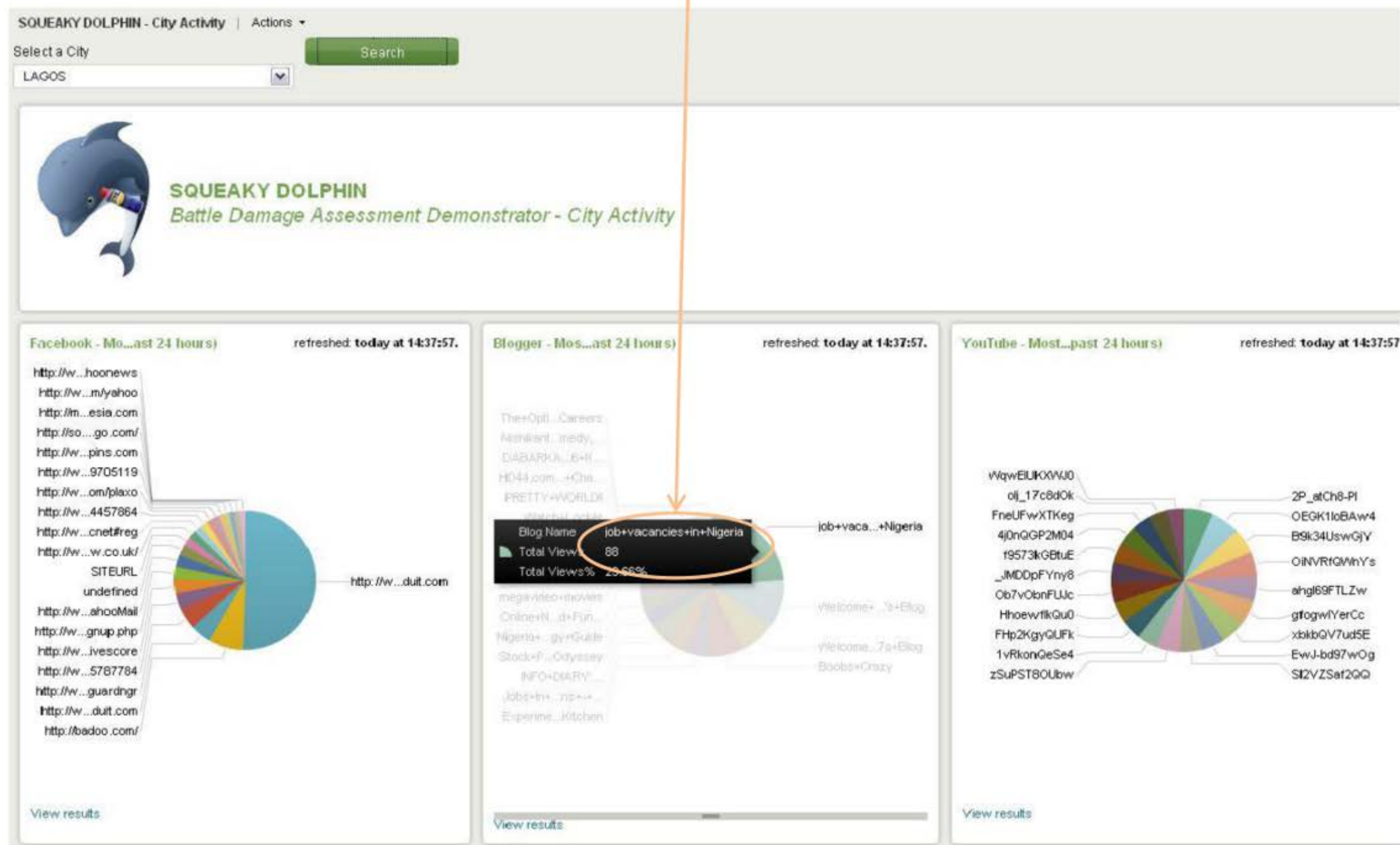
SQUEAKY DOLPHIN

Broad real-time monitoring of online activity of:

- YouTube Video Views
- URLs 'Liked' on Facebook
- Blogspot/Blogger Visits

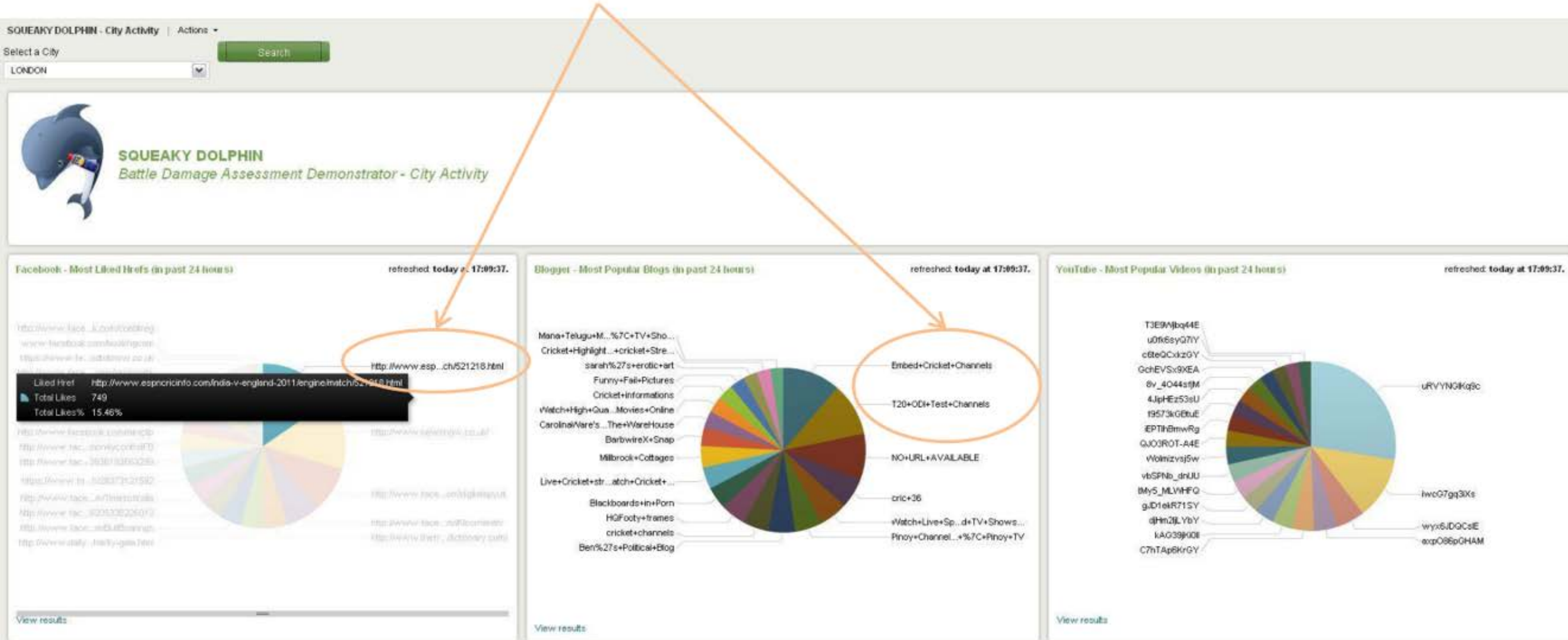


Job Vacancies in Lagos, Nigeria

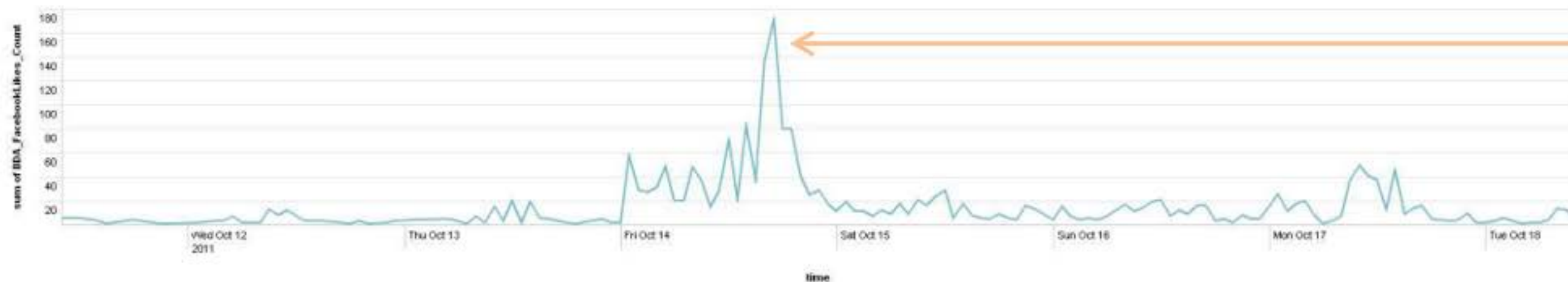


Cricket Related Activities in London, England

Embed+Cricket+Channel
T20+ODI+Test+Channels
ESPN CricInfo India Vs England
Page 'Liked'



Facebook Likes containing 'liam fox' for LONDON

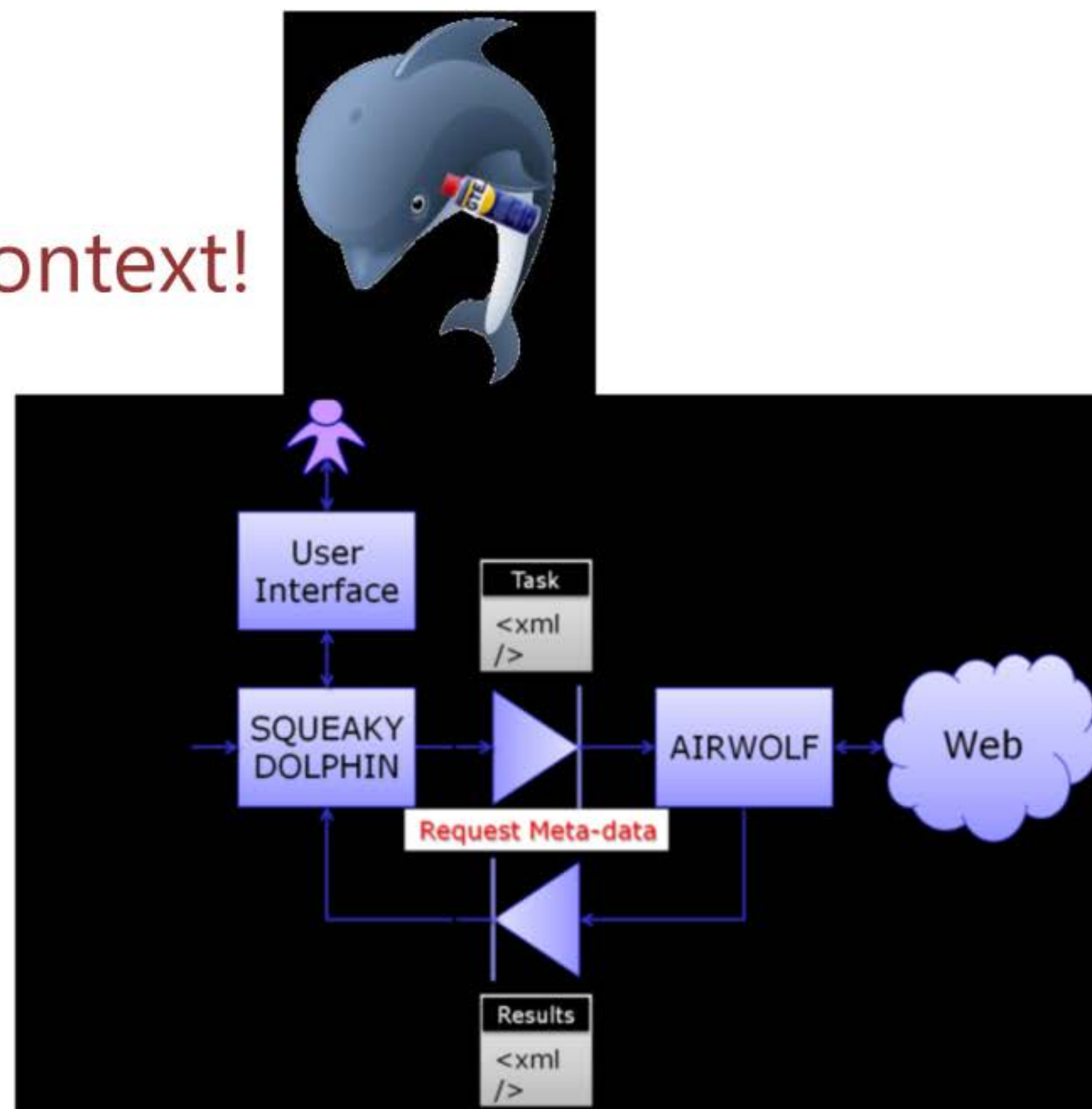


'Facebook' Likes for URLs containing 'liam fox'

*So Passive gives us...
Scalability.*

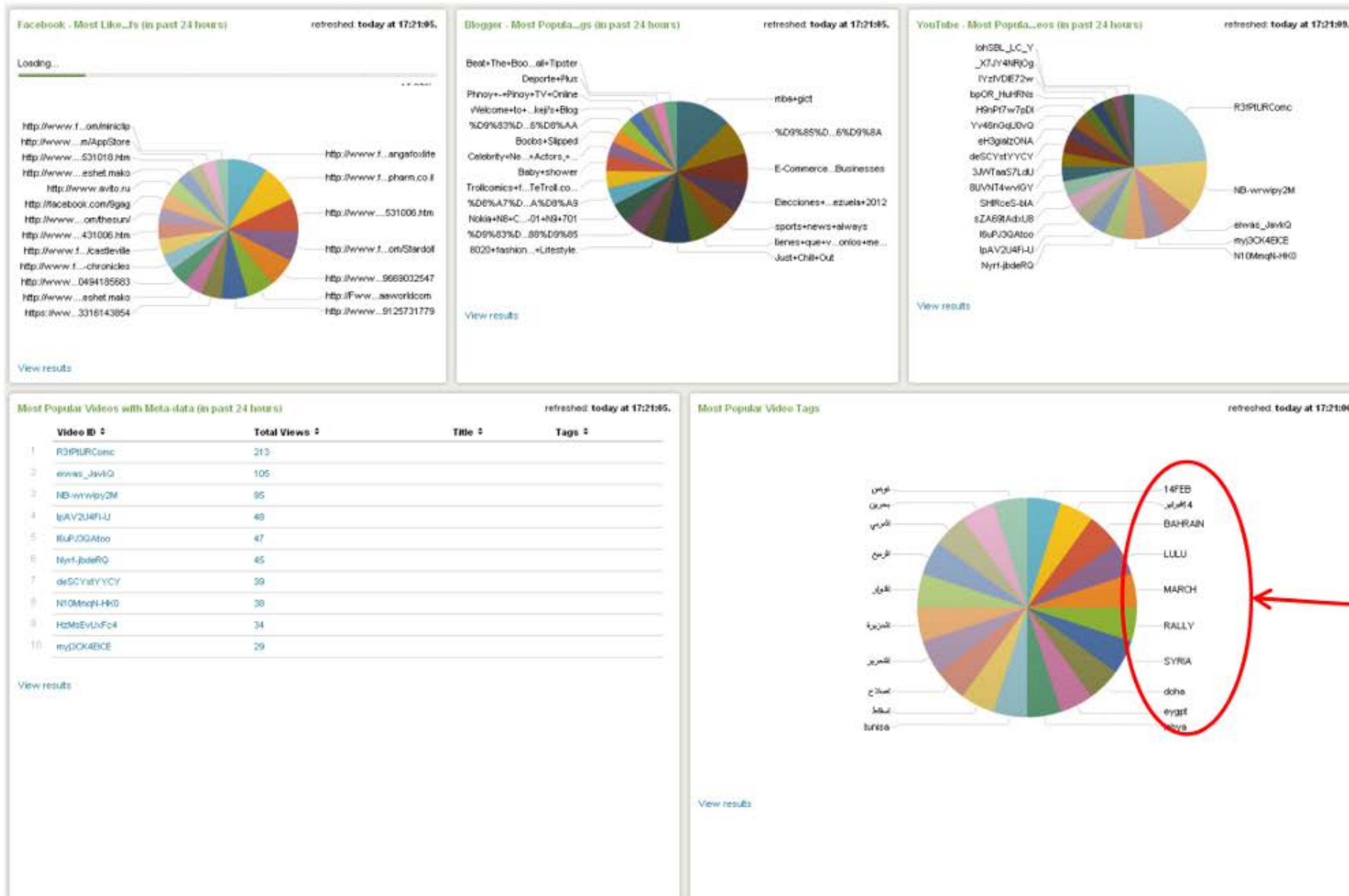
But, we don't have context!

Targeted
enrichment
is the
solution.



YouTube

Across the world on 13th February 2012:
the 14th Feb & Syrian Rally

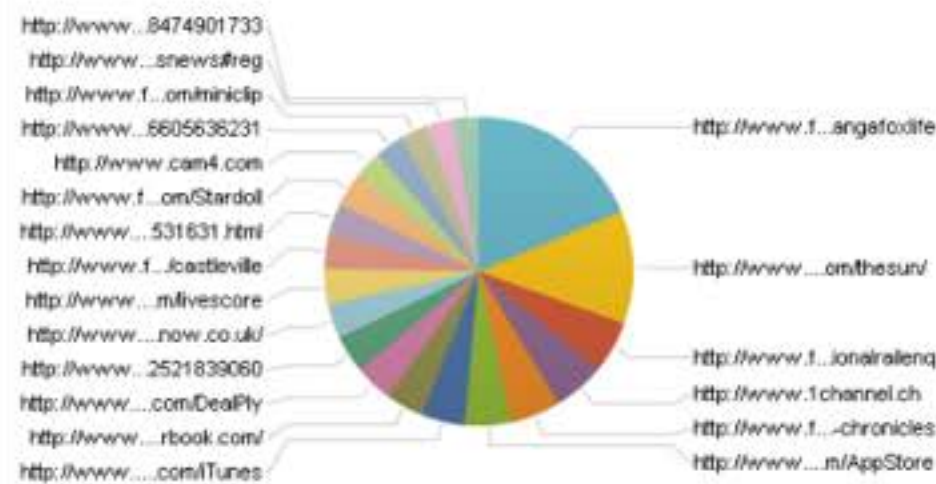


YouTube Game Trailer in London, England

Popular Activity in last 24 hours

Facebook - Most Liked...fs (in past 24 hours)

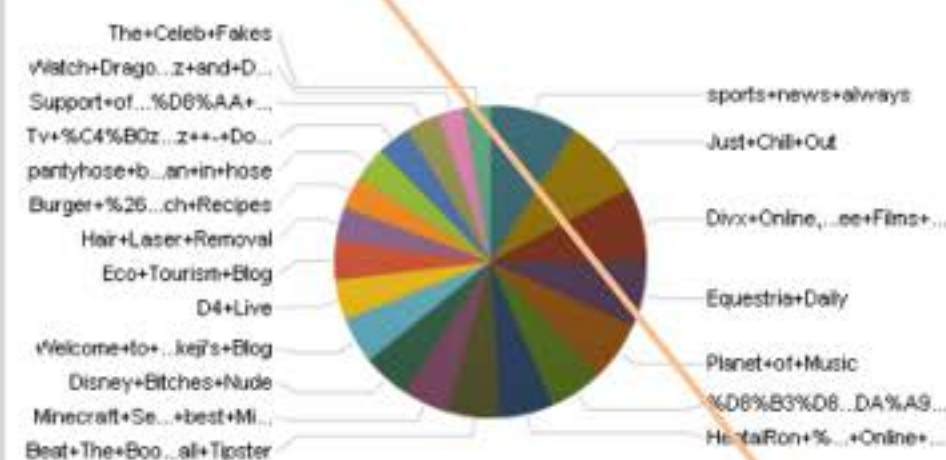
refreshed: today at 17:21:05.



[View results](#)

Blogger - Most Popular...gs (in past 24 hours)

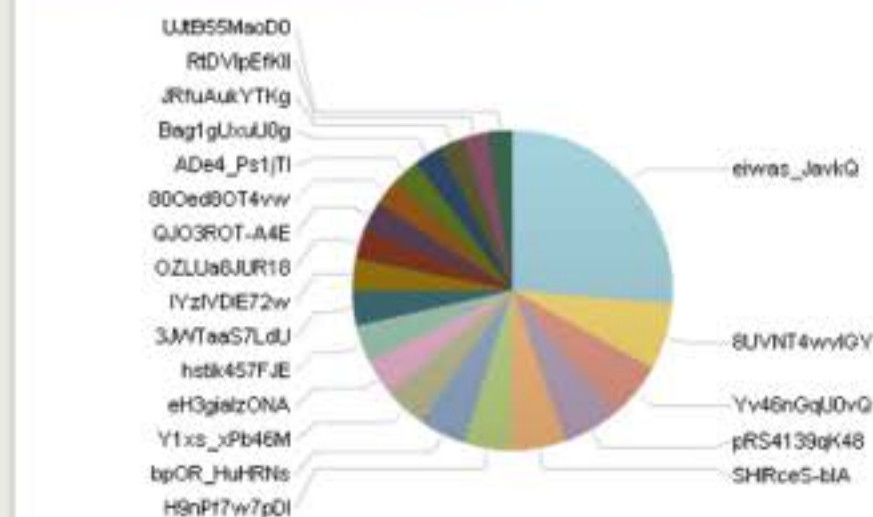
refreshed: today at 17:21:05.



[View results](#)

YouTube - Most Popular...eos (in past 24 hours)

refreshed: today at 17:21:09.



[View results](#)

Most Popular Videos with Meta-data (in past 24 hours)

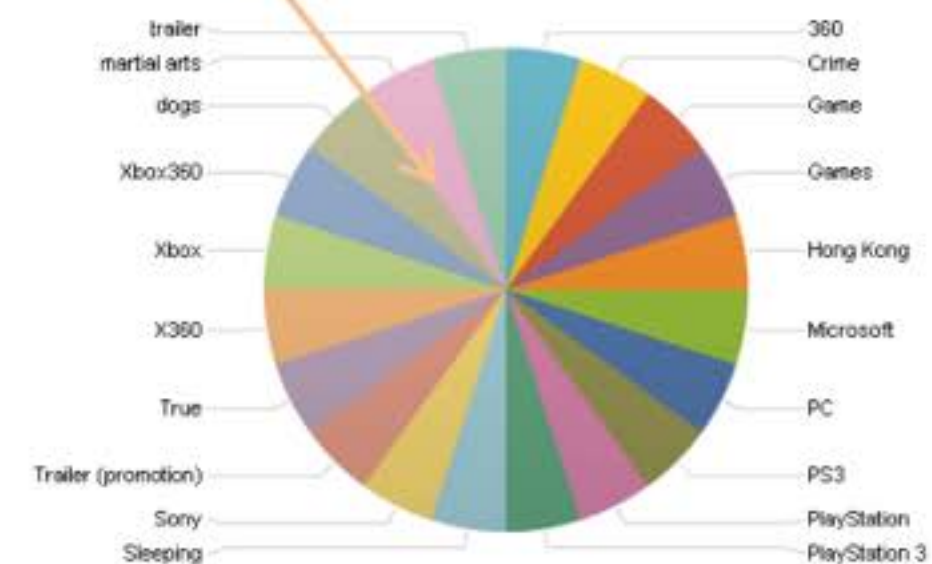
refreshed: today at 17:21:05.

| Video ID ↕ | Total Views ↕ | Title ↕ | Tags ↕ |
|---------------|---------------|---------|--------|
| 1 eiwas_JavkQ | 105 | | |
| 2 8UVNT4wvIGY | 27 | | |
| 3 Yv46nGqU0vQ | 23 | | |
| 4 pRS4139qK48 | 23 | | |
| 5 SHRceS-bIA | 22 | | |
| 6 H9nP17w7pDI | 19 | | |
| 7 bpOR_HuHRNs | 19 | | |
| 8 Y1xs_xPb46M | 17 | | |
| 9 eH3gialzONA | 15 | | |
| 10 hstk457FJE | 15 | | |

[View results](#)

Most Popular Video Tags

refreshed: today at 17:21:06.



[View results](#)



Targeted website monitoring using passive.

Customised Piwik installation, and is integrated into GTEs passive capabilities.



Dashboard

Visitors

Actions

Referrers

Goals

Website **wikileaks**

Date range: 2012-02-09

Add a widget...

About Piwik 1.6

Last visits graph



Visitors in Real Time

| Date | Visits | Pageviews |
|-----------------|--------|-----------|
| Last 24 hours | 73 | 596 |
| Last 30 minutes | 0 | 0 |

Fri 10 Feb - 08:29:33 (16 min 43s) - IP: [REDACTED]

from Google - "wikileaks" - 3



Fri 10 Feb - 07:48:18 (34s) - IP: [REDACTED]

Direct Entry

Pages:

Fri 10 Feb - 07:43:17 (3s) - IP: [REDACTED]

Direct Entry

Pages:

Fri 10 Feb - 07:23:03 (53s) - IP: [REDACTED]

Direct Entry

Pages:

List of Keywords

| Keyword | Visits |
|--|--------|
| wikileaks | 7 |
| (450) members@hotmail.com | 1 |
| email contacts 372 kadri@yahoo.com@hotmail.com | 1 |
| http://www.wikileaks.org/ | 1 |
| maysan ux0 | 1 |

1-5 of 5

List of external Websites

| Website | Visits |
|--------------------------------|--------|
| fr.babelfish.yahoo.com | 2 |
| fb.videochat.evgen.in | 1 |
| m.facebook.com | 1 |
| webcache.googleusercontent.com | 1 |
| wikileaks.ch | 1 |
| www.plusnetwork.com | 1 |
| www.wikileaks.ch | 1 |
| zoopolitikon2.blogspot.com | 1 |

1-8 of 8

Best search engines

| Search Engine | Visits |
|---------------|--------|
| Google | 11 |

Visitor countries (world map)

Visits

Visits

Visitor browsers

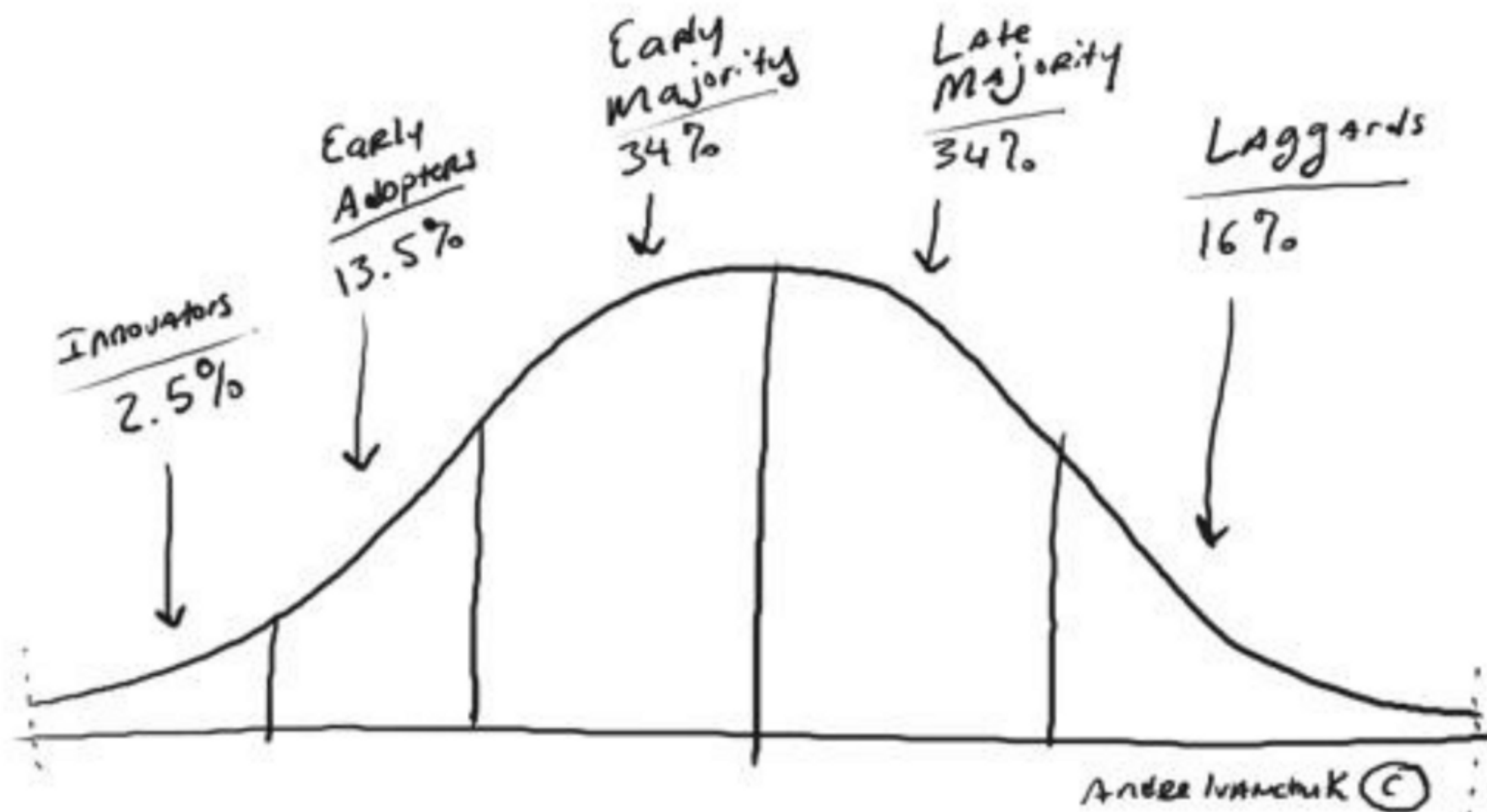
| Browser | Unique visitors |
|-----------------------|-----------------|
| Netscape 5.0 | 16 |
| Chrome 16.0 | 12 |
| Internet Explorer 8.0 | 8 |
| Safari 5.1 | 5 |
| Firefox 3.6 | 3 |

1-5 of 22 Next

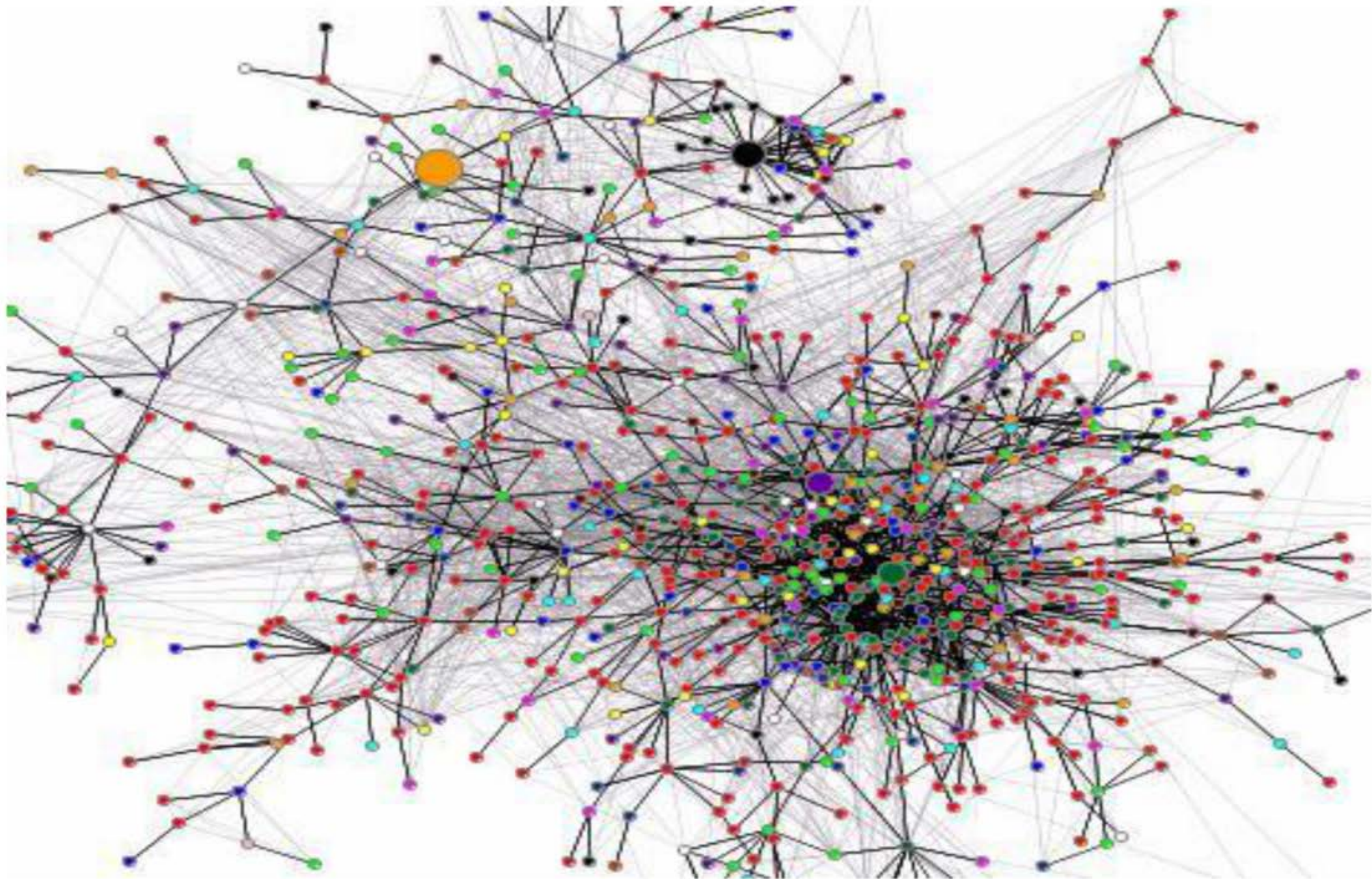
Visits by server time

Visits

TOP SECRET//SI//REL TO USA, FVEY



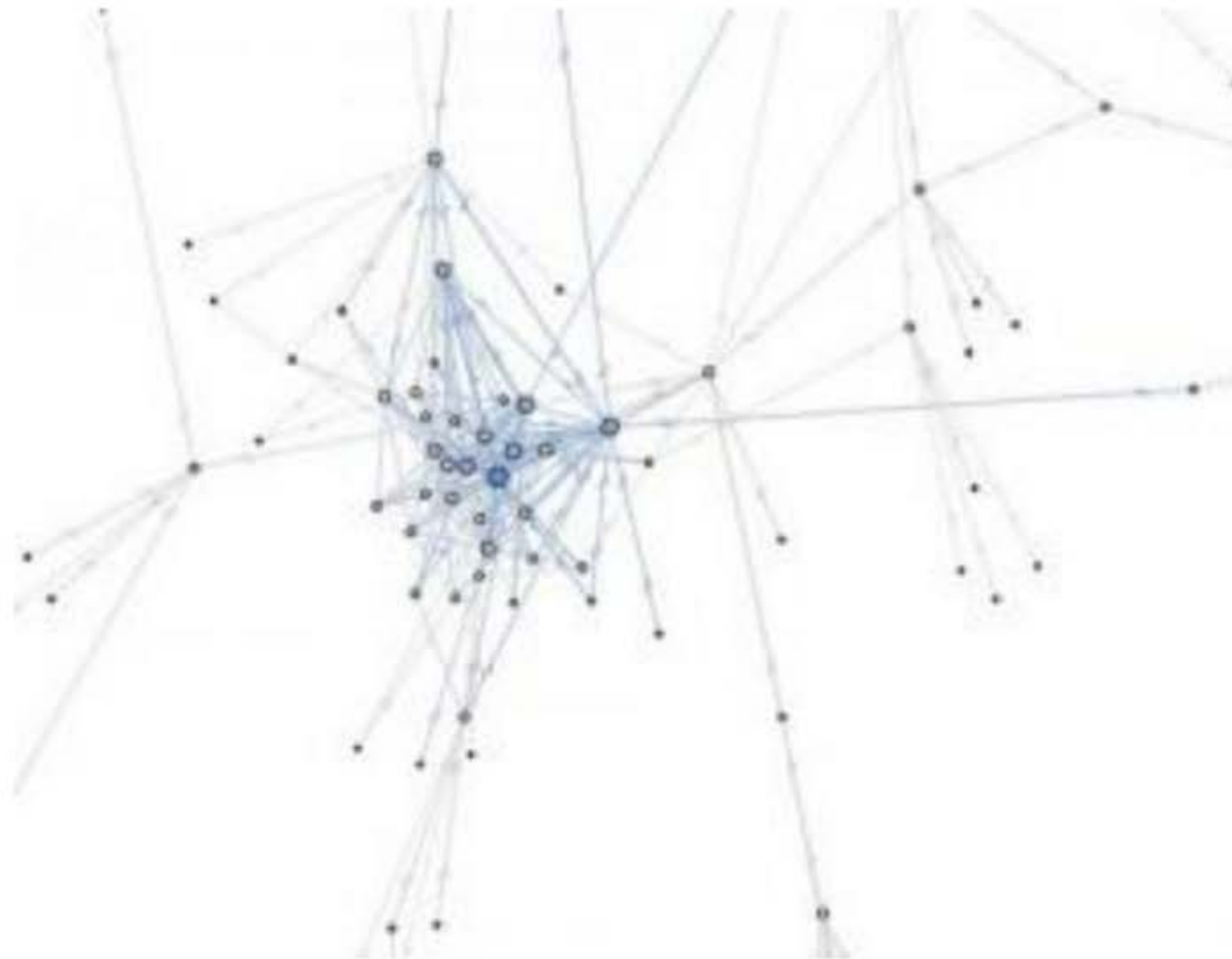
HOLLOW POINT

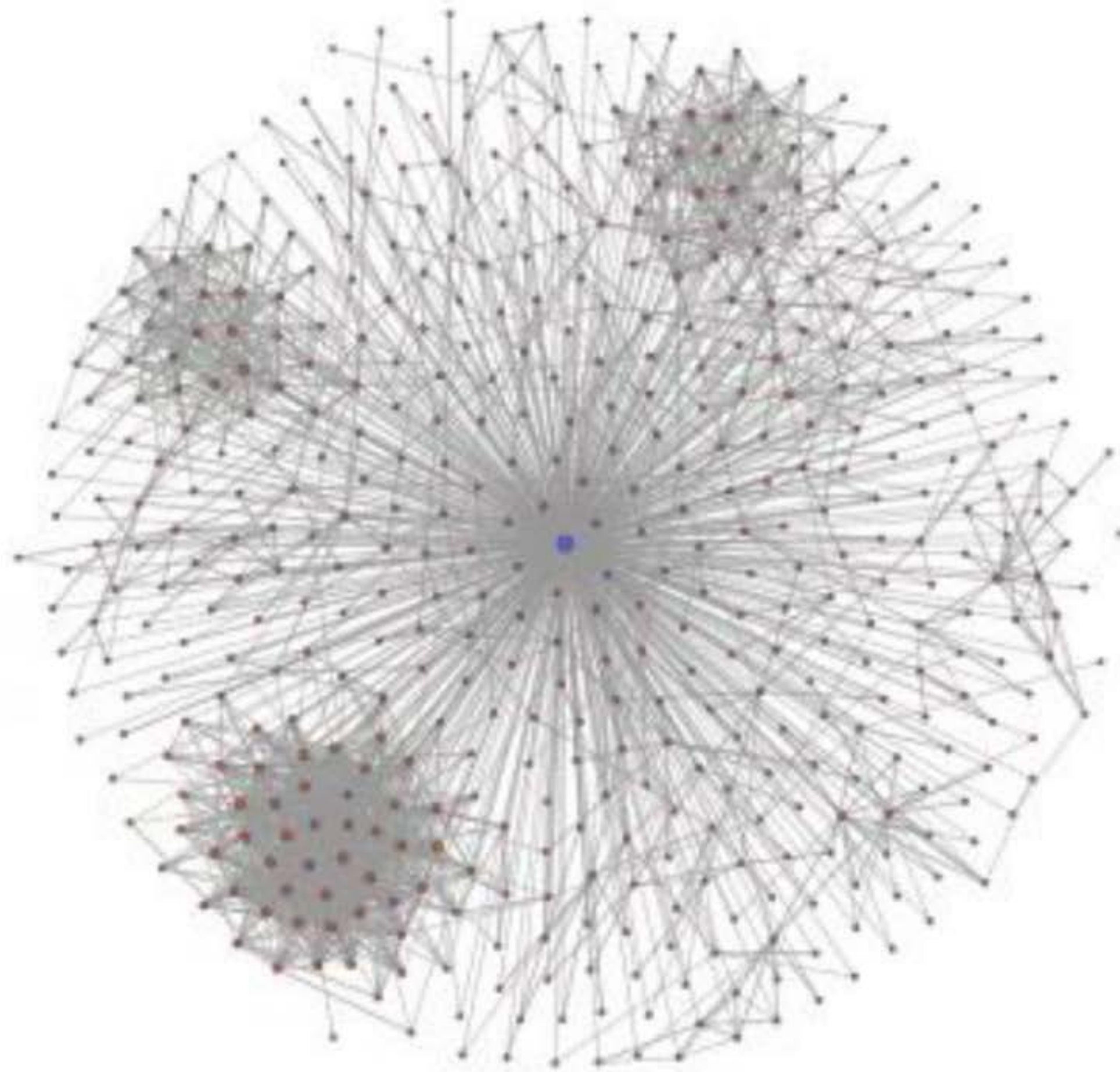


Optimising Influence

NEWTONS CAT









JamesMTitus James M Titus

@**Sysparatem** Right on bro

8 hours ago



Sysparatem Mike Parker

RT @**JamesMTitus**: @**Sysparatem** Yeah, so true! you mean I should be suspicious of you? or that @**btocops** should be challenged?

10 hours ago



JamesMTitus James M Titus

@**Sysparatem** Yeah, so true!

10 hours ago



Sysparatem Mike Parker

RT @**botcops**: @**Sysparatem** you might want to be suspicious about **JamesMTitus**>> what do you say @**JamesMTitus** ?

11 hours ago



Sysparatem Mike Parker

RT @**botcops**: @**mstheay00** auto-alert: am monitoring for spam: @**JamesMTitus**

11 hours ago



botcops Bulletproof

@**Sysparatem** you might want to be suspicious about **JamesMTitus**

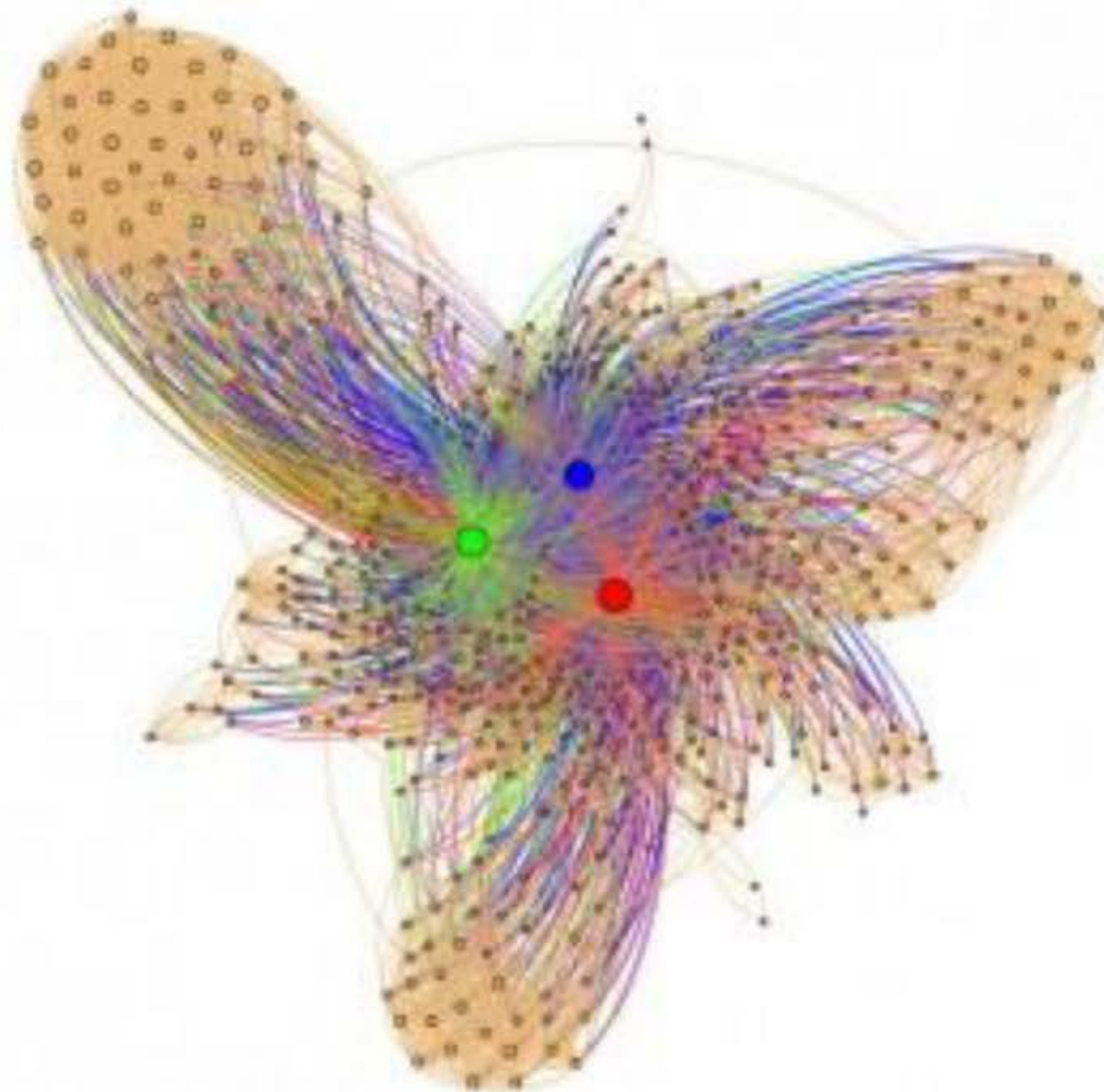
12 hours ago



botcops Bulletproof

@**Sysparatem** auto-alert: am monitoring for spam: **JamesMTitus**

5 Feb



Influence @ Scale

Fire Ant

Open Source Visualisation

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4 CATEGORY FILTER [HIDE]



From: May 2012 to: May 2012

Play



☒ ALL CATEGORIES

☒ BBCM TAGS

☒ IRAQ

☒ CHINA

☒ CIVILIANS

☒ DEATHS

☒ IRAN

☒ PAKISTAN

☒ PROPERTY LOSS

☒ REPORT SOURCE

☒ RIOTS

HOW TO REPORT

1. By sending an email to dtbaiso@gchq.gov.uk
2. By filling this form





Head of Human Sciences - HSOC



Capability Developer - GTE

