

“Competition for SDO Leadership Positions”

- Processing of affiliation data

Justus Baron, Northwestern University

Olia Kanevskiaia, University of Utrecht

standardized	meetingdate	organization	organization_clean	guo	meeting
Individual 1	17243	O2	O2	TELEFONICA S.A.	IETF
Individual 2	15535	France Telecom N A	ORANGE SA	ORANGE SA	IETF
Individual 2	15661		ORANGE SA	ORANGE SA	IETF
Individual 2	16018	France Telecom	ORANGE SA	ORANGE SA	IETF
Individual 3	21260	Universit� de Lorraine	UNIVERSITE DE LORRAINE	UNIVERSITE DE LORRAINE	IETF
Individual 4	21379	CENTR vzw/asbl	CENTR VZW/ASBL	CENTR VZW/ASBL	IETF
Individual 5	15318		MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	15780		MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	16746	Motorola Labs	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17110	Motorola Labs	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17243	Motorola Labs	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17369	Motorola	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17502	Motorola	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17600		MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	17740	Motorola	MOTOROLA MOBILITY	MOTOROLA	IETF
Individual 5	18468	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	18713	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	18832	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19077	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19203	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19301	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19427	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19567		CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19665	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	19784	CEA	CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF
Individual 5	20036		CEA -- CONSUMER ELECTRONICS ASSOCIATION	CEA -- CONSUMER ELECTRONICS ASSOCIATION	IETF

Entity name standardization

Variable	Missing observations	Unique values
Organization	36,808/108,234	13,980
Organization_clean	13,471/108,234	7,238
GUO	13,458/108,234	6,909

Type of entities

Type	Number attendance records	Number of distinct entities
Company	60,208	1,574
University	11,130	886
Public administration	2,579	219
Membership org.	4,504	39

“Exogenous” affiliation changes – M&As

Data Editor (Edit) - [acquisitions]

File Edit View Data Tools

var8[9]

	organization_clean	quo_clean	date_acqui~n	year_acqui~n	num	spinoff			
1	3COM CORP	HEWLETT-PACKARD COMPANY	11nov2009	2009	1	.			
2	ACTIVIDENTITY	HID	11oct2010	2010	1	.			
3	ADAPTEC	PMC SIERRA INC	03sep2010	2010	1	.			
4	AEPONA LIMITED	INTEL CORPORATION	28apr2013	2013	1	.			
5	AGERE SYSTEMS	BROADCOM CORP	05oct2004	2004	1	.			
6	ALCATEL	ALCATEL-LUCENT S.A	30nov2006	2006	1	.			
7	ALCATEL-LUCENT S.A	NOKIA	15apr2015	2015	1	.			
8	ANDREW CORPORATION	COMMSCOPE HOLDING COMPANY, INC.	01jan2007	2007	1	.			
9	APERTO NETWORKS	TRANZEO WIRELESS TECHNOLOGIES	31mar2010	2010	1	.			
10	APPLIED MICRO CIRCUITS CORPORATION	MACOM	21nov2016	2016	1	.			
11	ARMON NETWORKING LTD.	BAY NETWORKS	01apr1996	1996	1	.			
12	ARUBA NETWORKS	HEWLETT-PACKARD COMPANY	02mar2015	2015	1	.			
13	ATHEROS COMMUNICATIONS	QUALCOMM INC	05jan2011	2011	1	.			
14	ATMEL CORPORATION	DIALOG SEMICONDUCTOR	21sep2015	2015	1	.			
15	AXERRA NETWORKS	DRAGONWAVE INC	14oct2014	2014	1	.			
16	AZALEA NETWORKS	ARUBA NETWORKS	10may2010	2010	1	.			
17	AZUKI SYSTEMS, INC	ERICSSON AB	06feb2014	2014	1	.			
18	BAY NETWORKS	NORTEL NETWORKS LIMITED	01jun1998	1998	1	.			
19	BECEEM COMMUNICATIONS	BROADCOM CORP	13oct2010	2010	1	.			
20	BELLSOUTH	AT&T INC.	05mar2006	2006	1	.			
21	BLACKSTONE	NXP SEMICONDUCTORS N.V.	02mar2015	2015	1	.			
22	BROCADE COMMUNICATIONS SYSTEMS, INC	BROADCOM CORP	02nov2016	2016	1	.			
23	CERTICOM CORPORATION	BLACKBERRY LIMITED	24mar2009	2009	1	.			
24	CINGULAR WIRELESS	AT&T INC.	01dec2006	2006	1	.			
25	CODING TECHNOLOGIES	DOLBY LABORATORIES, INC	08nov2007	2007	1	.			
26	COMPAQ	HEWLETT-PACKARD COMPANY	04sep2001	2001	1	.			
27	COMPUSERVE INC.	AOL	10nov1997	1997	1	.			
28	CONEXANT SYSTEMS INC	NXP SEMICONDUCTORS N.V.	11aug2008	2008	1	.			
29	CSR - CAMBRIDGE SILICON RADIO	QUALCOMM INC	14oct2014	2014	1	.			
30	DIALOGIC	NOVACAP	12oct2014	2014	1	.			
31	DIGITAL EQUIPMENT	COMPAQ	26jan1998	1998	1	.			
32	DIGITAL FOUNTAIN INC	QUALCOMM INC	26feb2009	2009	1	.			

Variables

Filter variables here

☒ Name ☐ Label

☒ organization_clean

☒ quo_clean

☒ date_acquisition

☒ year_acquisition

☒ num

☒ spinoff

Variables Snapshots

Properties

Variables

Name

Label

Type

Format

Value label

Notes

Data

Filename acquisitions.dta

Label

Notes

Variables 6

Observations 260

Size 375.27K

Memory 64M

Sorted by

Ready Length: 733 Vars: 6 Order: Dataset Obs: 260 Filter: Off Mode: Edit CAP NUM

Application: effect of affiliation on WG chair appointments

	(1)	(2)	(3)	(4)	(5) (M&A)	(6) Spinoffs
top5	0.0162 (1.95)					
top20		0.00320 (0.37)				
network_op			0.00461 (0.73)			
#declSEP				0.00117 (1.60)		
after	-0.0110 (-1.06)	-0.00861 (-0.81)	-0.00797 (-0.83)	-0.00878 (-0.95)	-0.00849 (-0.85)	-0.0203 (-1.50)
seniority	0.00000290 (0.39)	0.00000320 (0.43)	0.00000325 (0.43)	0.00000320 (0.39)	0.00000601 (0.79)	0.00000878 (1.16)
_cons	0.0139 (1.02)	0.0130 (0.94)	0.0133 (0.98)	0.00920 (0.57)	0.00732 (0.56)	-0.00256 (-0.22)
<i>N</i>	2,953	2,953	2,953	2,441	2,763	1,463
Groups	289	289	289	289	270	80

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table 8: New chair appointments, 3 years before and after change of affiliation - mergers, acquisitions, and spinoffs - IETF