

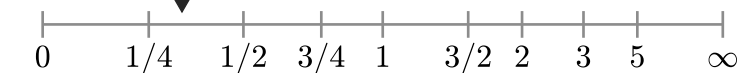
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/01/05

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$

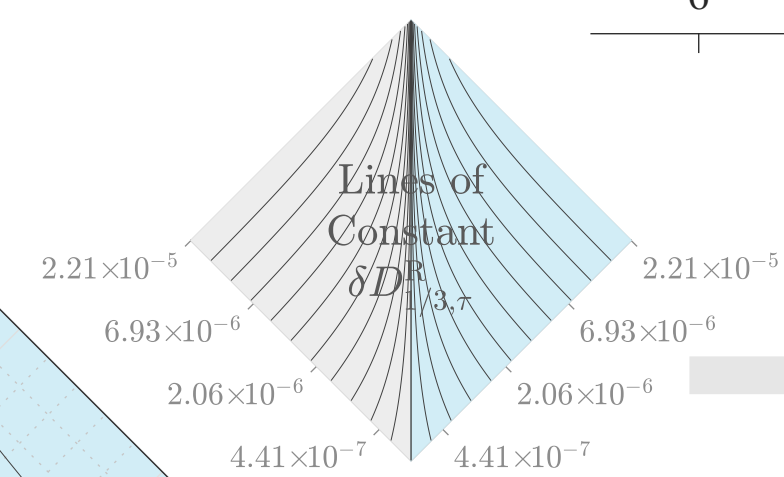
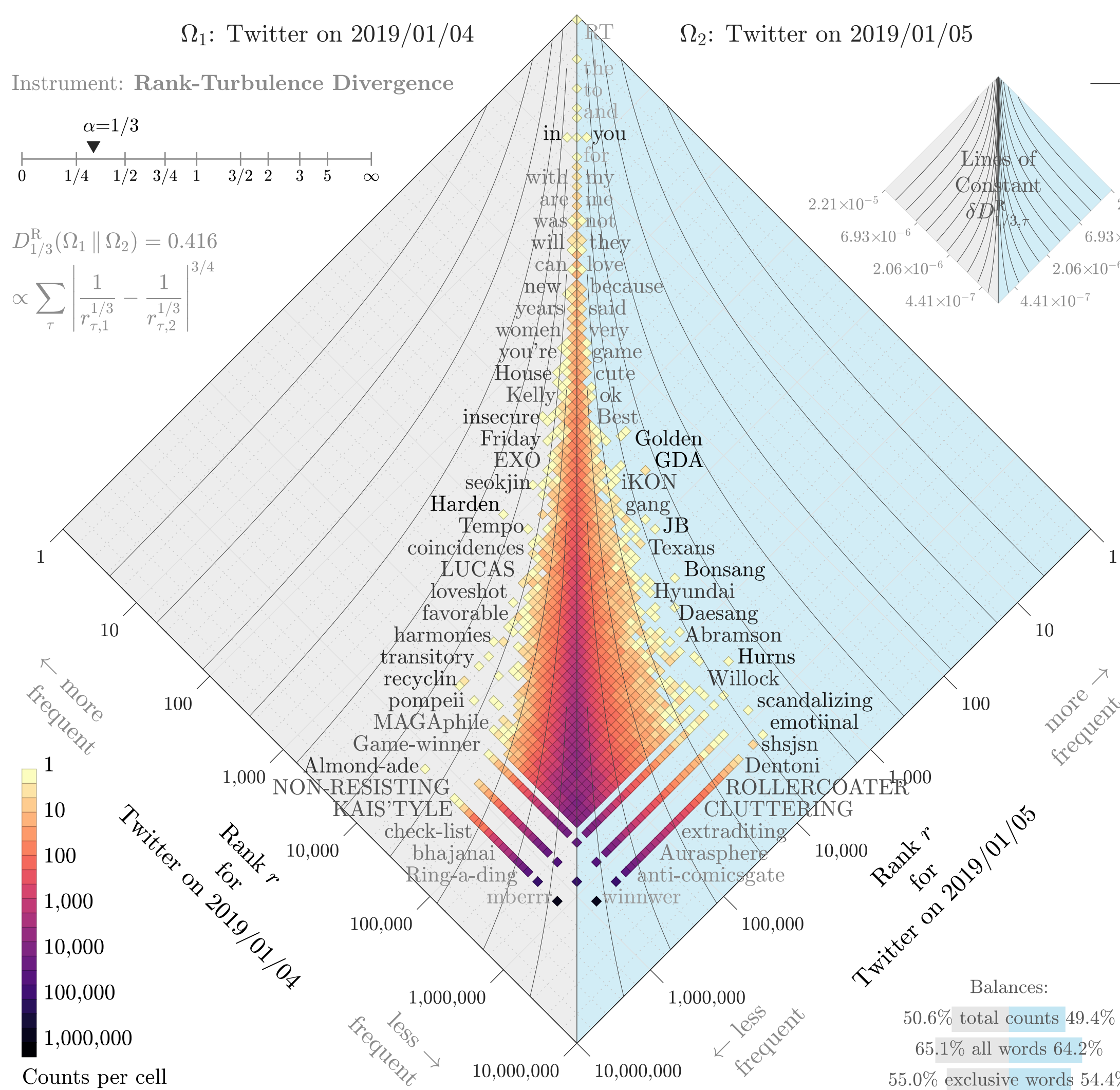
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.416$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



Word	Count	Contribution
GDA	3,796	409
Disc	3,760.5	428
Hurns	276,151	2,196
Golden	1,579	317
Bonsang	32,519	1,386.5
JB	11,028.5	915
Harden	826	7,514
scandalizing	826,881.5	3,559.5
emotiinal	1,459,718	4,183.5
Brooklyn	8,443	966
in	6	8
you	8	6
Palisade	432,188.5	4,075.5
Awards	1,447	385
faux-outrage	174,487.5	3,492.5
shsjsn	1,459,718	5,462
Daesang	46,976	2,407.5
jajsjsjsjs	1,459,718	5,797.5
YANGYANG	142,999	3,539
togeva	1,459,718	6,202.5
Abramson	77,114	3,283.5
Texas	10,832.5	1,429.5
Colts	10,647	1,443
Digital	2,437	620
Snitch	9,273.5	1,381
UNPROBLEMATIC	432,188.5	6,179.5
palisade	113,230.5	4,210.5
tried-and-true	328,880	5,914
Willock	276,151	5,753
Message	7,458	1,317
insecure	330	868
Fabregas	37,214.5	2,993
Cowboys	7,199.5	1,334
recyclin	5,714	199,101
BIRTHDAY	6,089	1,222
Dentoni	1,459,718	9,302.5
SSAW	826,881.5	8,315.5
shkdhjkhfj	1,459,718	9,333.5
indisputab	5,910.5	216,778
Hyundai	22,244	2,458

Balances:
 50.6% total counts 49.4%
 65.1% all words 64.2%
 55.0% exclusive words 54.4%

50.4%—49.6%

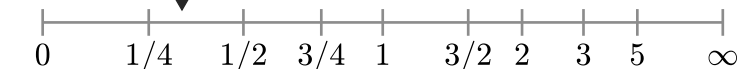
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/01/11

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$

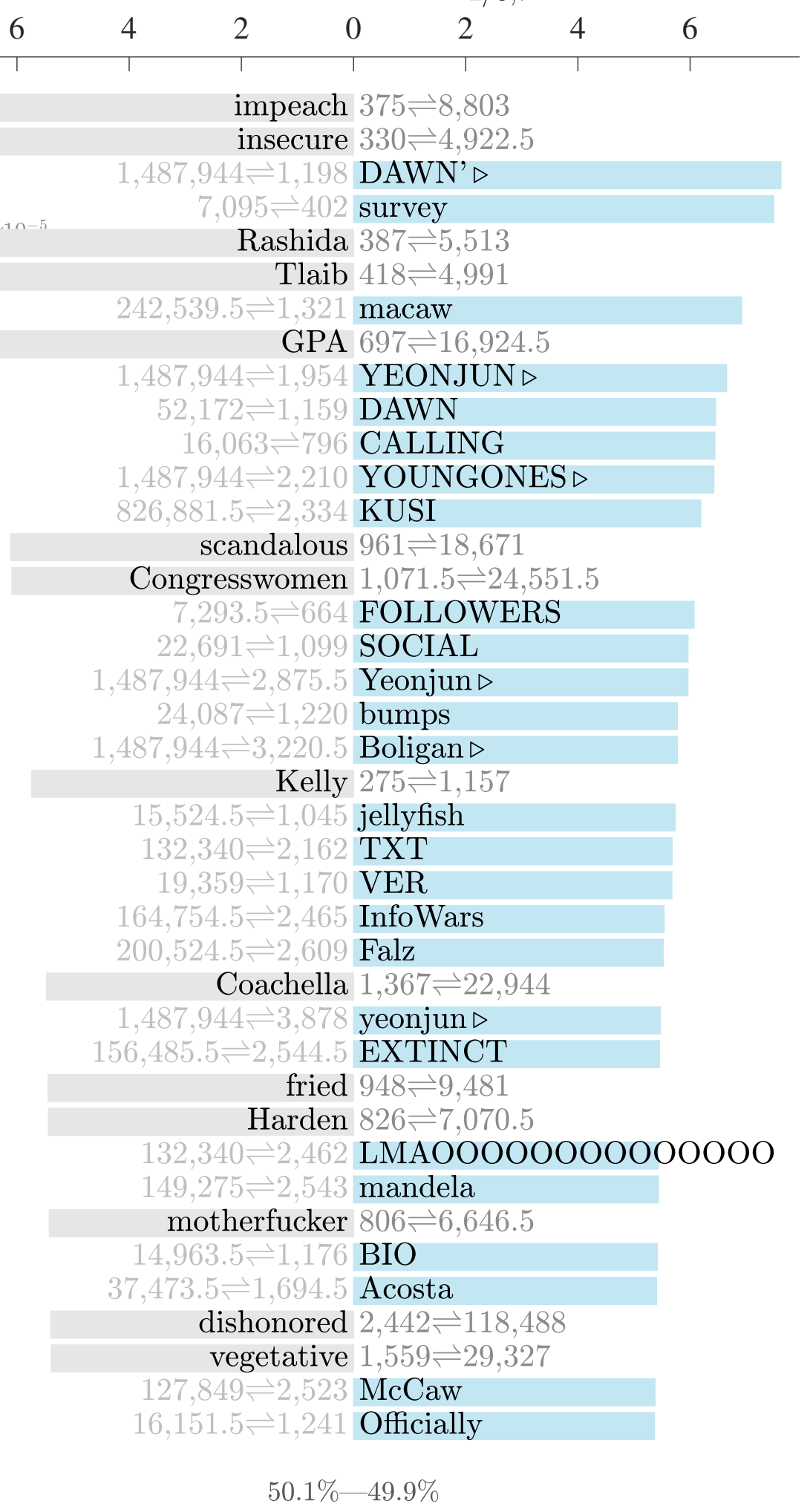
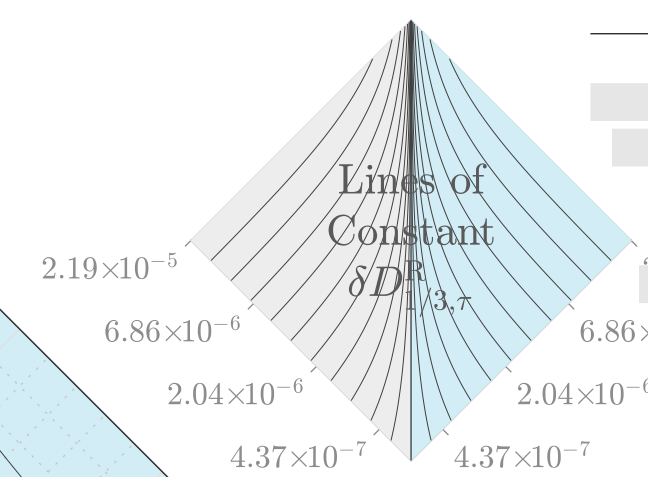
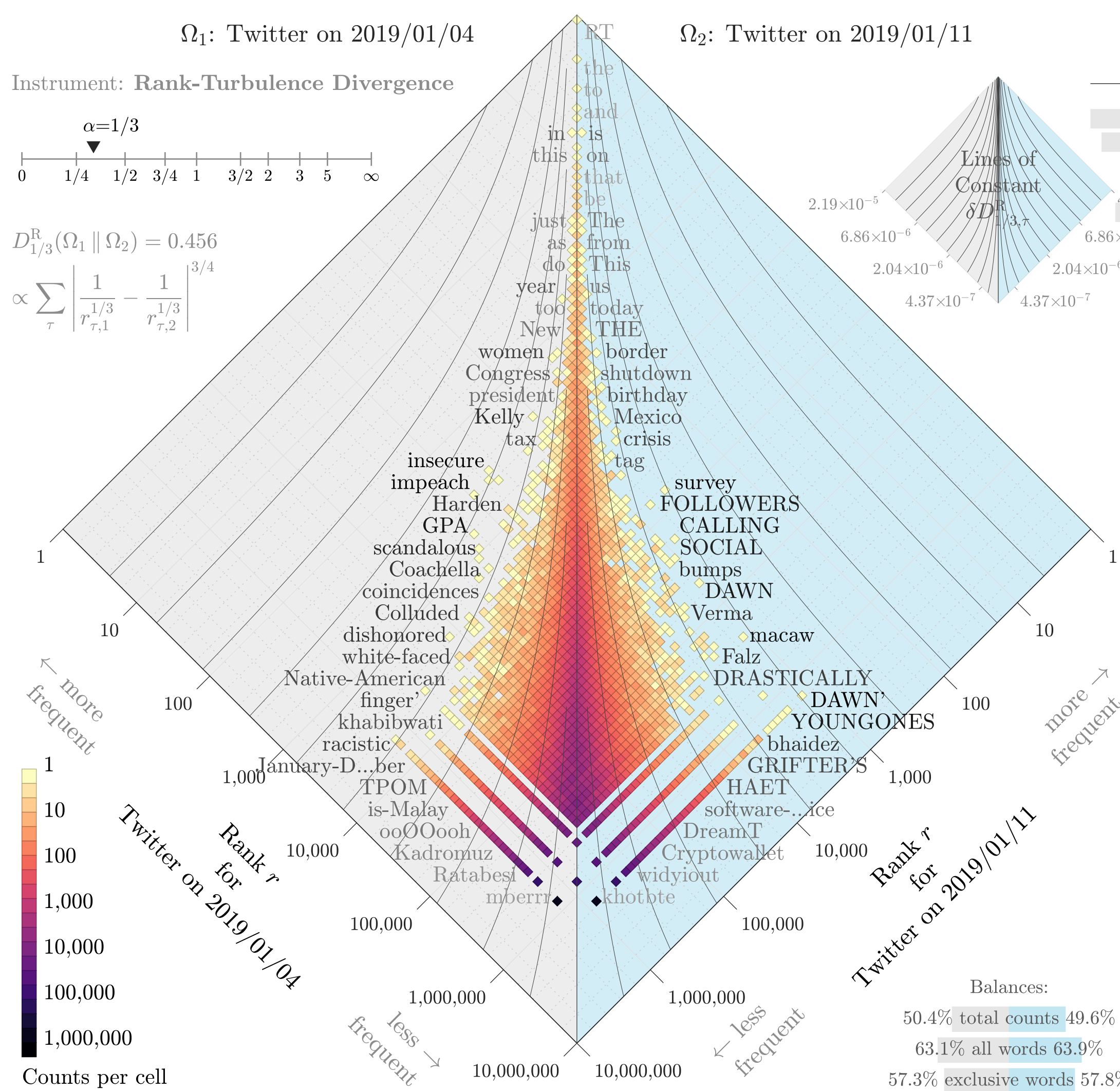
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.456$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



Ω_1 : Twitter on 2019/01/04

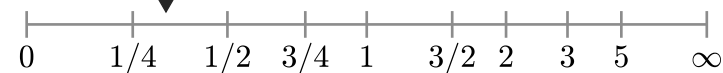
Ω_2 : Twitter on 2019/01/18

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$



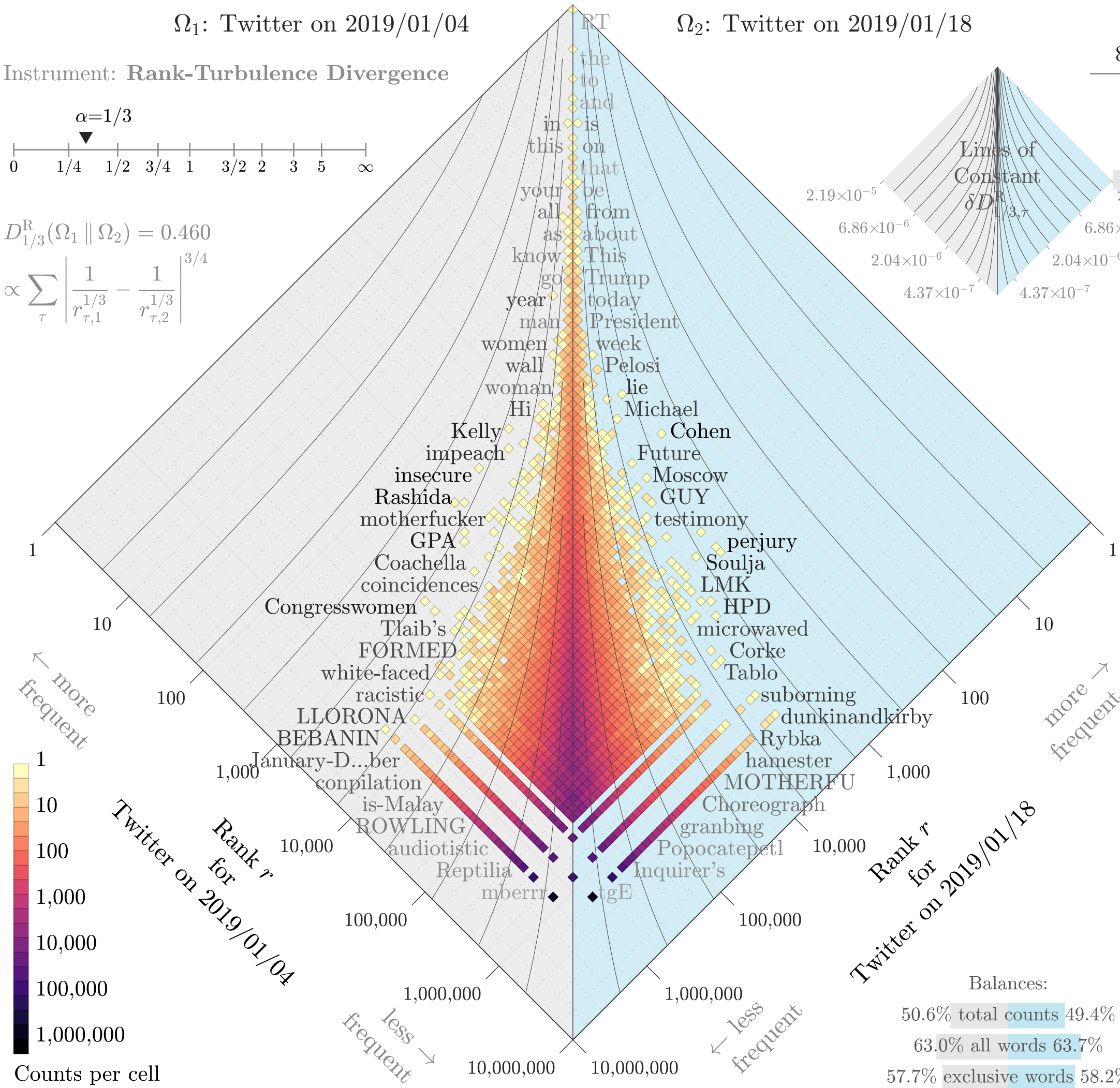
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.460$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



3,211 \Rightarrow 192	Cohen
49,126 \Rightarrow 497	perjury
41,319.5 \Rightarrow 479	Buzzfeed
Rashida	387 \Rightarrow 13,656.5
28,473 \Rightarrow 523	BuzzFeed
insecure	330 \Rightarrow 6,240.5
Tlaib	418 \Rightarrow 12,191
38,023.5 \Rightarrow 741	Soulja
Congresswomen	1,071.5 \Rightarrow 111,592
GPA	697 \Rightarrow 21,204.5
Kelly	275 \Rightarrow 2,057.5
Peppers	852 \Rightarrow 24,057.5
119,879.5 \Rightarrow 1,368	HPD
98,207.5 \Rightarrow 1,330	GRANDPA
80,270 \Rightarrow 1,365	FINDS
4,867.5 \Rightarrow 504	Moscow
858 \Rightarrow 201	lie
vegetative	1,559 \Rightarrow 111,592
impeach	375 \Rightarrow 2,521
8,029.5 \Rightarrow 663	GUY
58,999 \Rightarrow 1,362	LMK
53,954.5 \Rightarrow 1,370.5	ELDERLY
6,955 \Rightarrow 646	BEFORE
31,041.5 \Rightarrow 1,175	pigeon
43,641.5 \Rightarrow 1,315	rugs
38,692 \Rightarrow 1,296	Barr
1,489,687 \Rightarrow 2,816.5	dunkinandkirby \triangleright
motherfucker	806 \Rightarrow 9,768.5
15,918.5 \Rightarrow 992	obstruction
Harden	826 \Rightarrow 10,154.5
6,615 \Rightarrow 683	rings
28,827.5 \Rightarrow 1,254	blurred
826,881.5 \Rightarrow 2,902	suborning
1,489,687 \Rightarrow 3,228	weeeakk \triangleright
1,489,687 \Rightarrow 3,300	gice \triangleright
Coachella	1,367 \Rightarrow 30,690
276,151 \Rightarrow 2,611	Corke
96,212 \Rightarrow 2,049	Gillette
1,489,687 \Rightarrow 3,550.5	CODEL \triangleright
3,029 \Rightarrow 506	Future

Balances:
 50.6% total counts 49.4%
 63.0% all words 63.7%
 57.7% exclusive words 58.2%

50.0%—50.0%

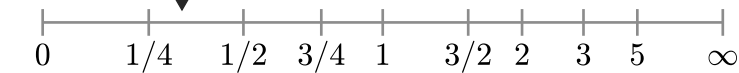
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/02/01

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$

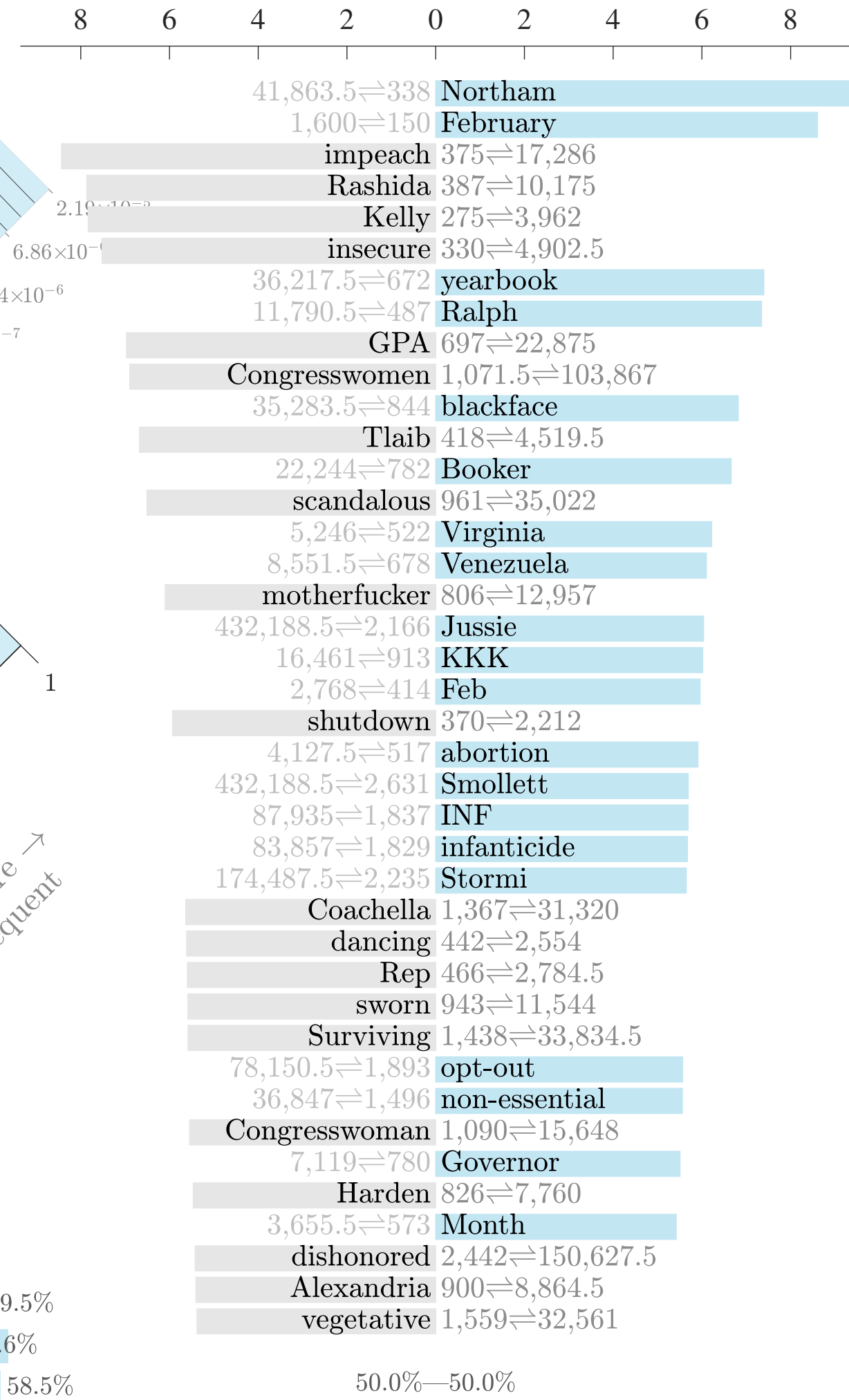
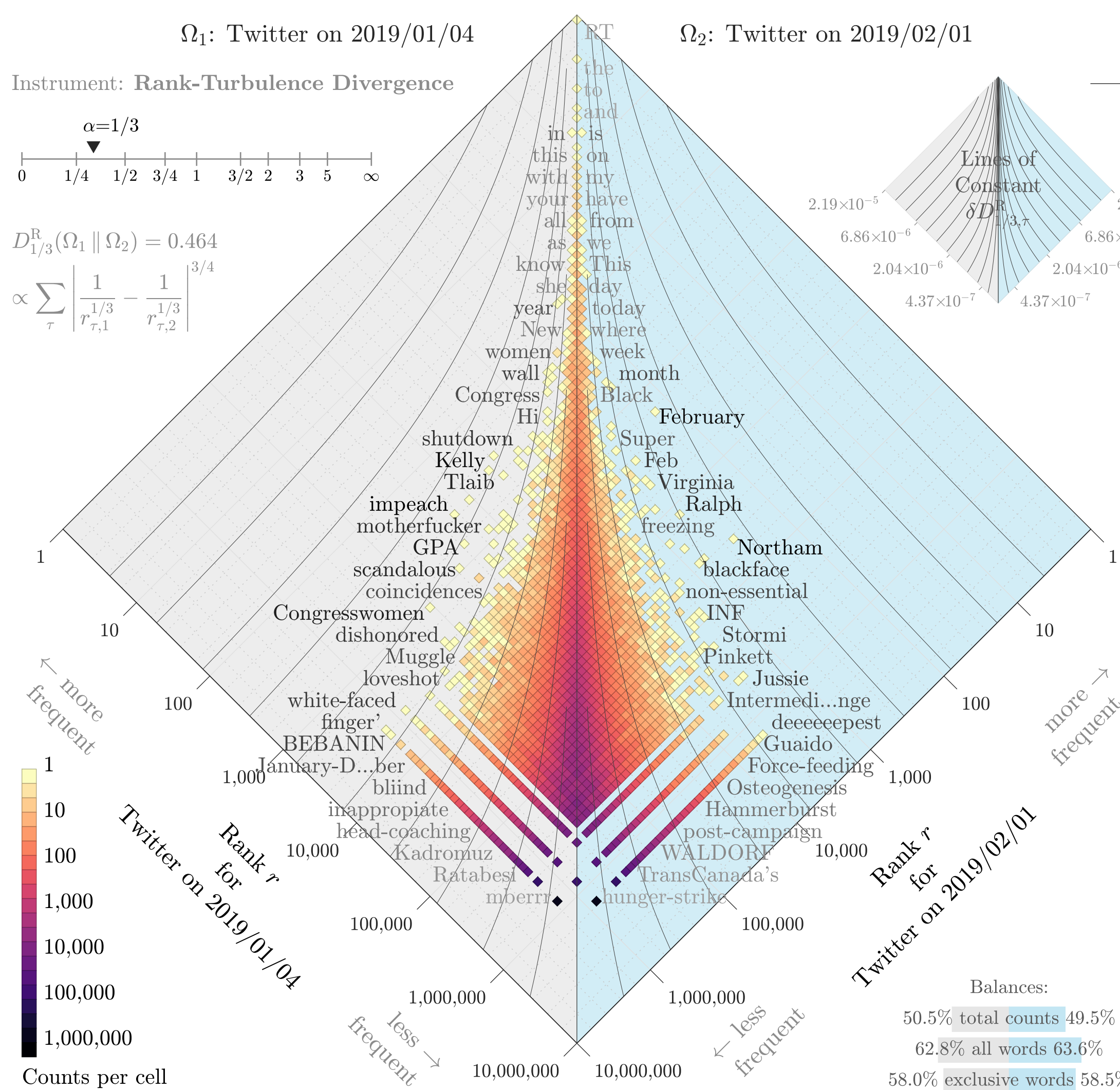
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.464$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



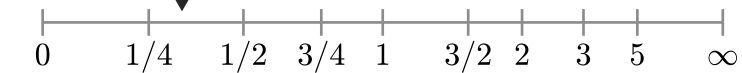
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/03/01

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-3}\%)$

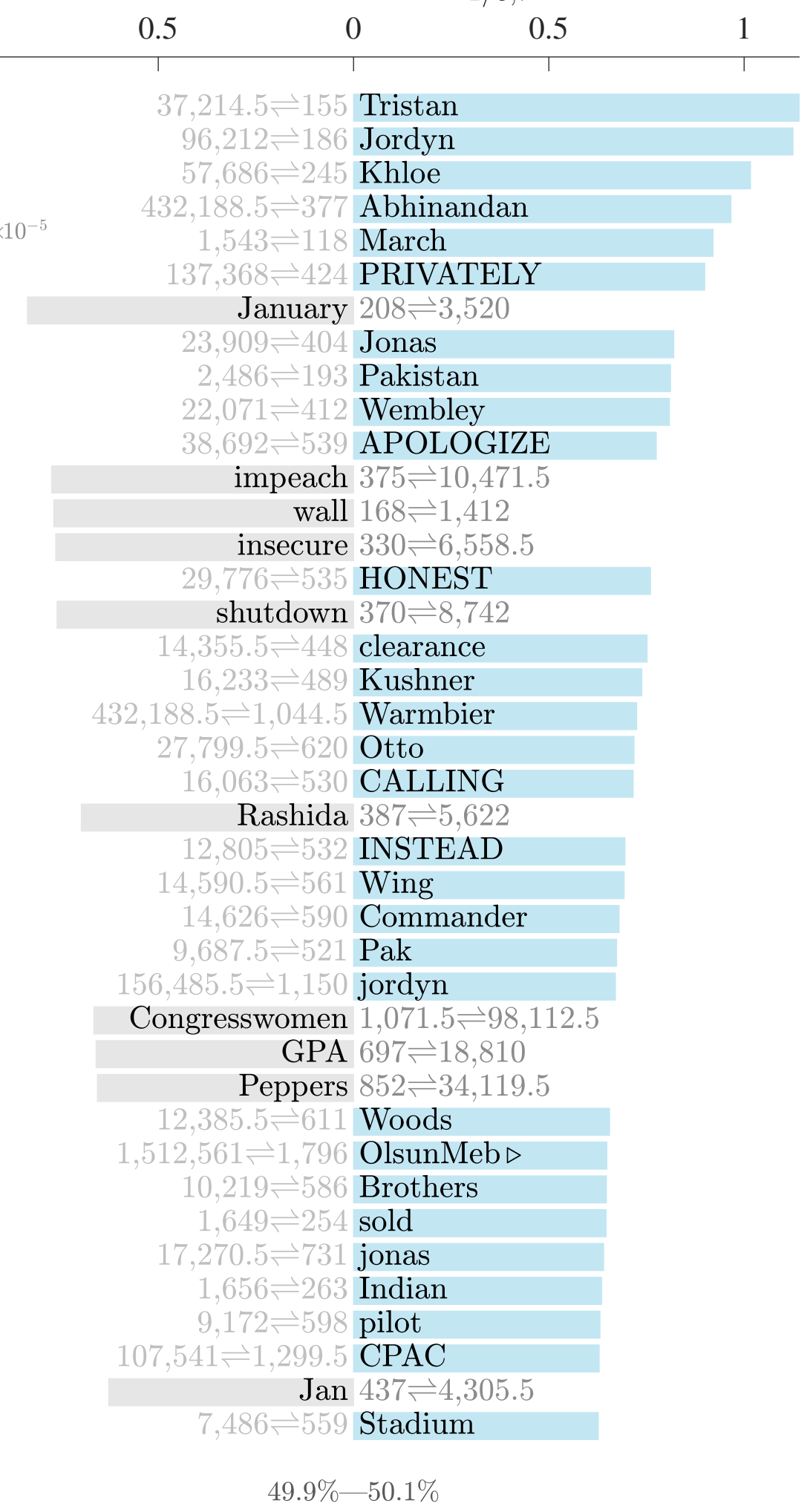
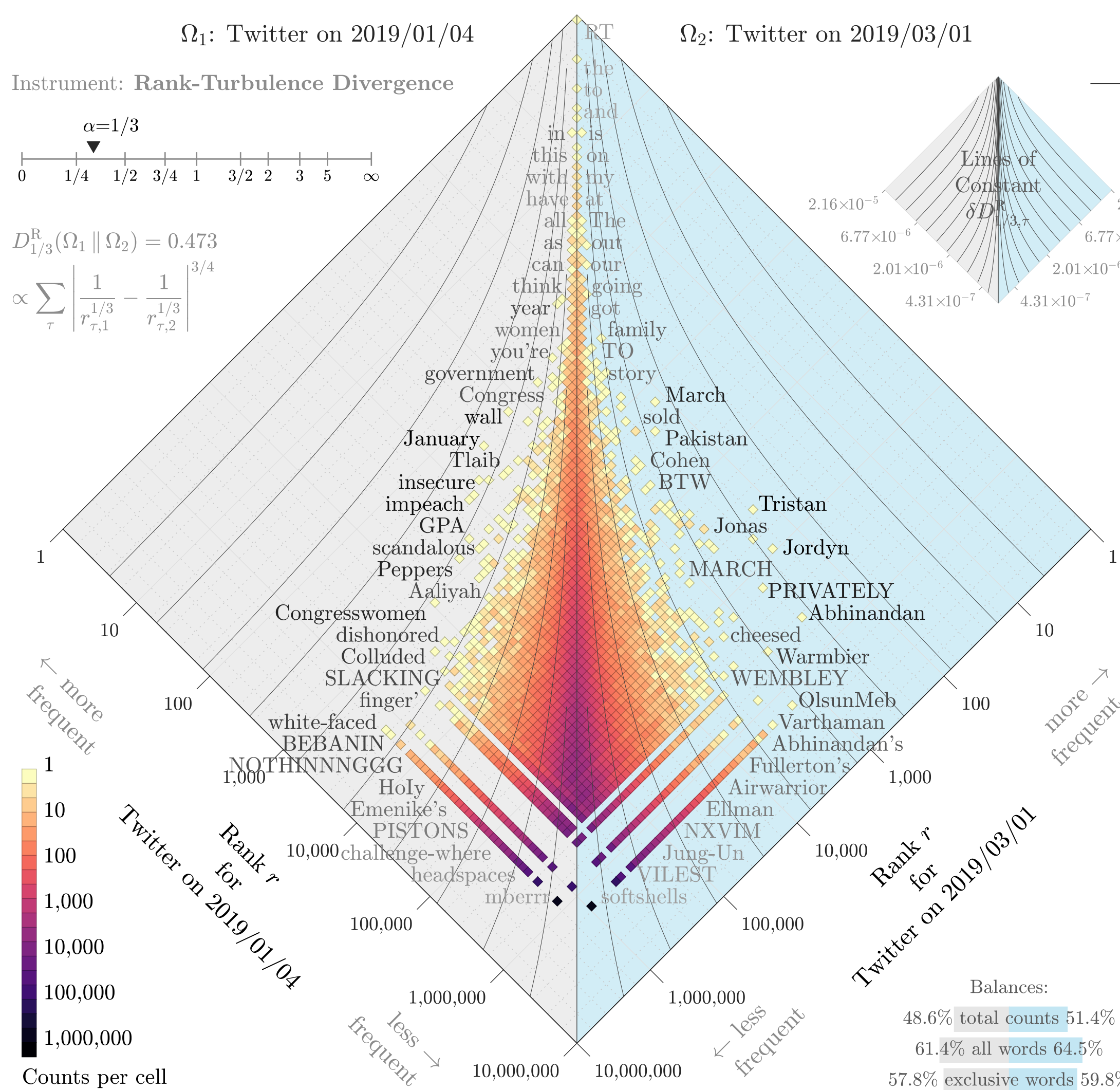
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.473$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



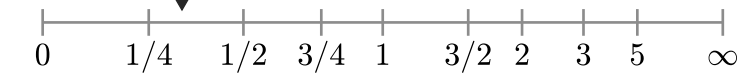
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/04/05

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$

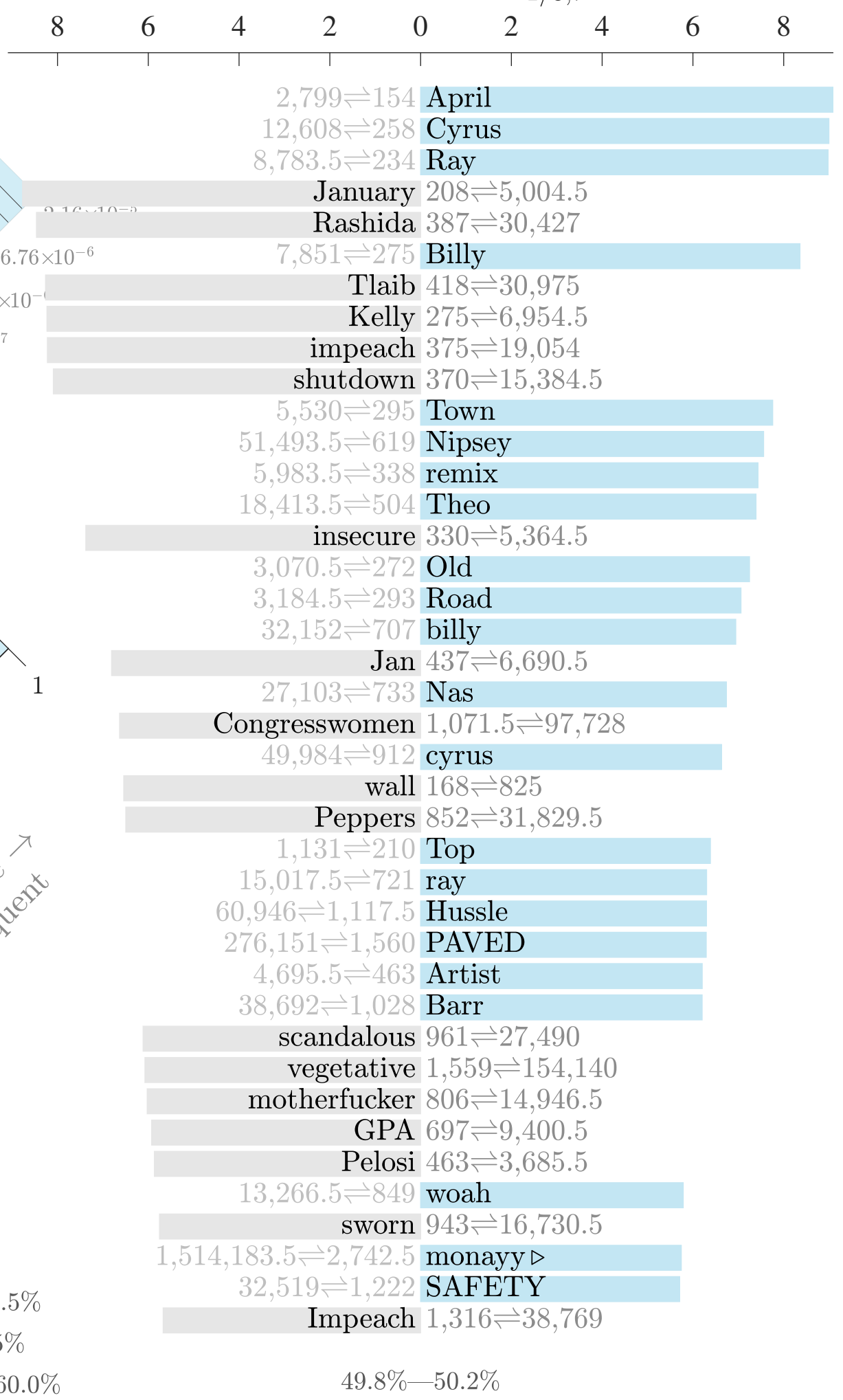
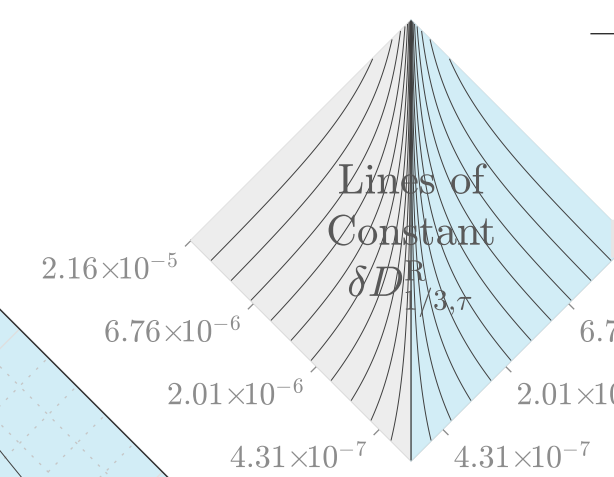
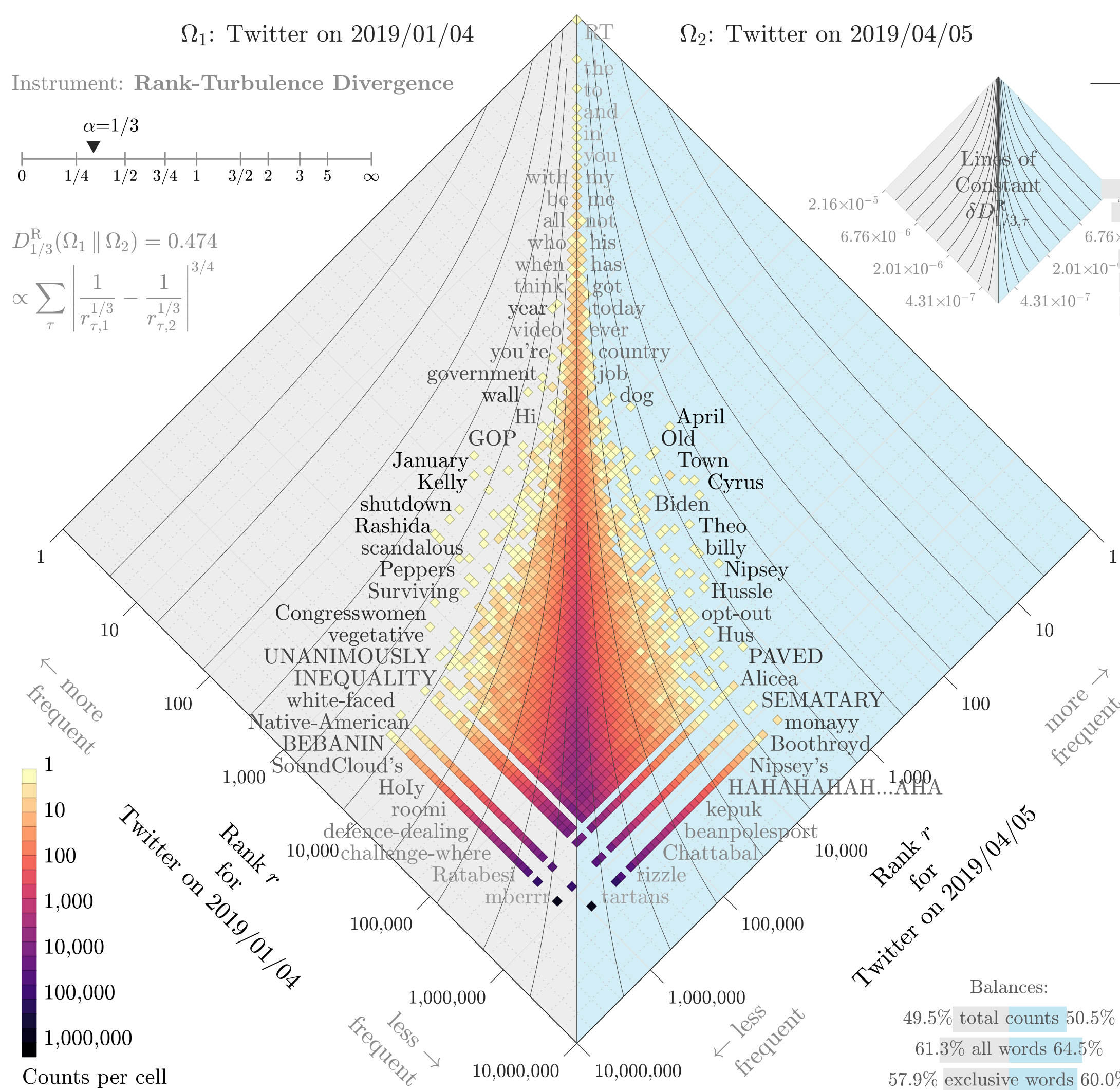
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.474$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



Balances:
 49.5% total counts 50.5%
 61.3% all words 64.5%
 57.9% exclusive words 60.0%

49.8%—50.2%

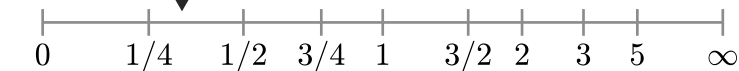
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2019/07/05

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-3}\%)$

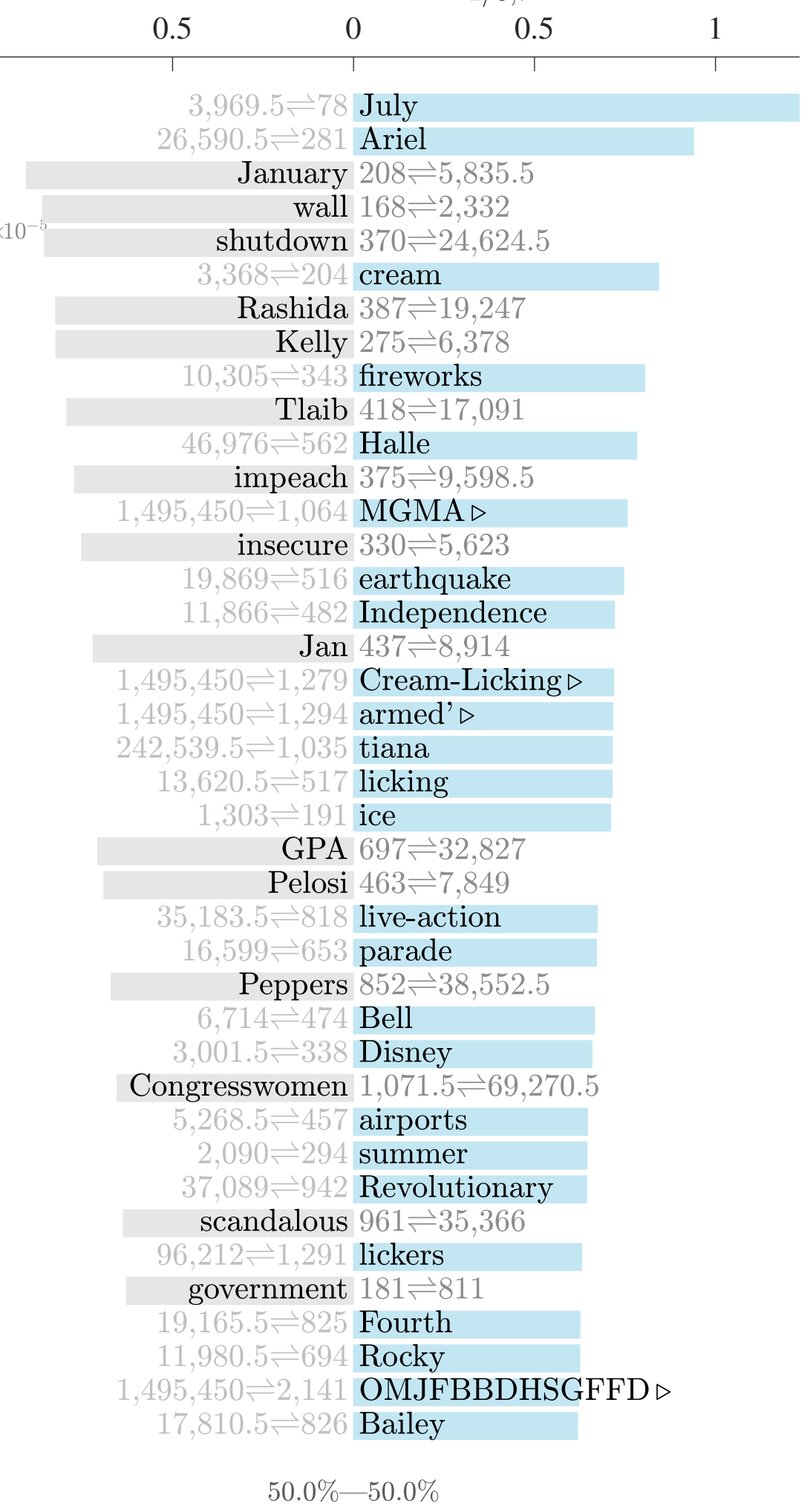
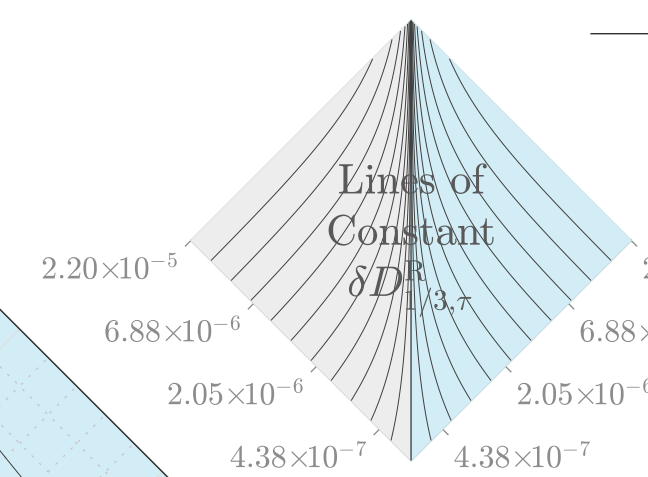
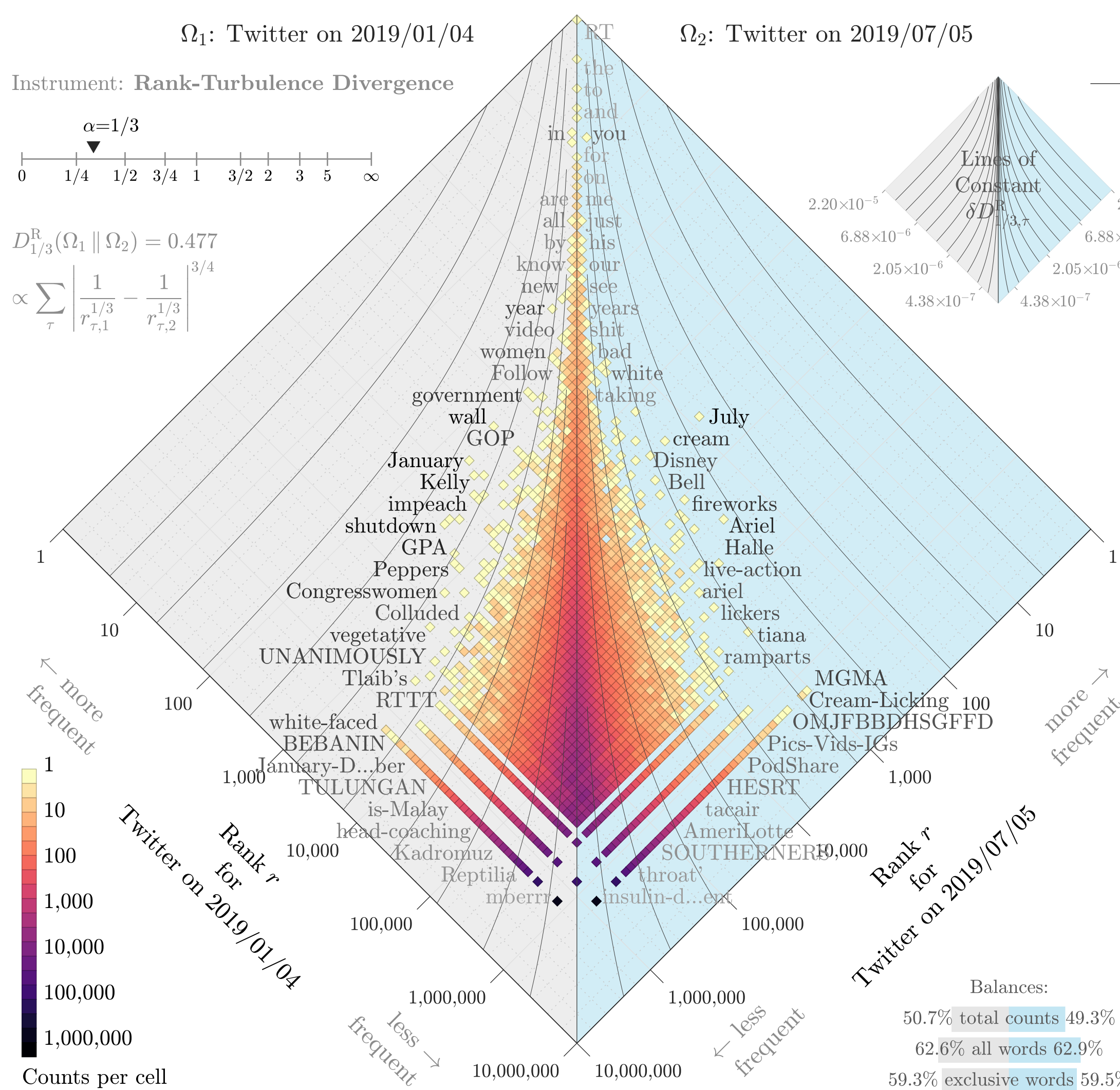
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.477$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



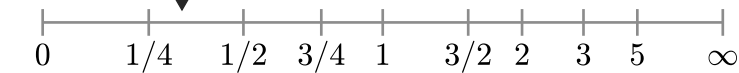
Ω_1 : Twitter on 2019/01/04

Ω_2 : Twitter on 2020/01/03

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-3}\%)$

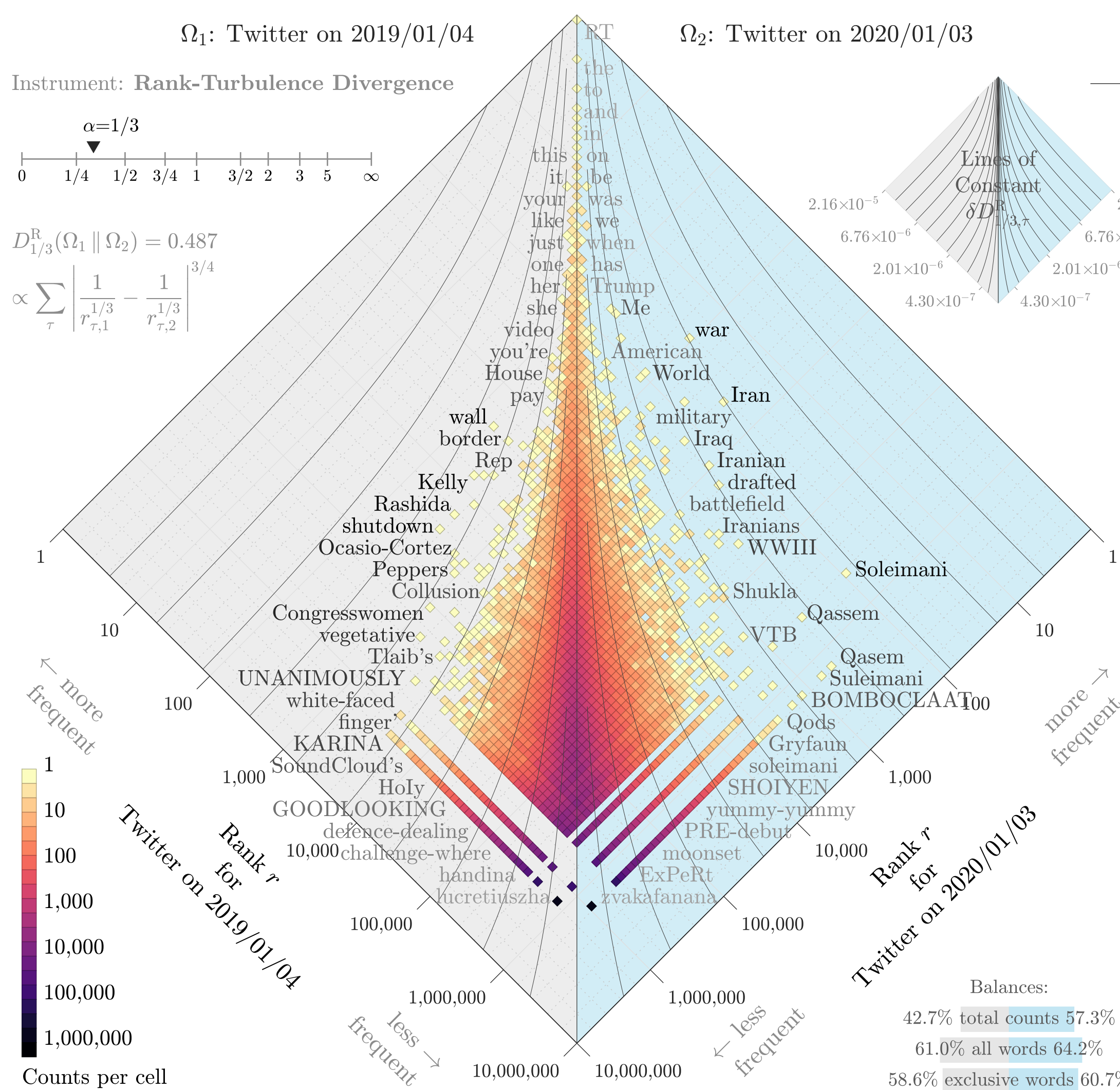
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.487$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$



Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-3}\%)$				
1	0.5	0	0.5	1
891 \Rightarrow 27	war			
4,620.5 \Rightarrow 45	Iran			
432,188.5 \Rightarrow 86	Soleimani			
2,289 \Rightarrow 81	War			
9,198 \Rightarrow 139	Iranian			
15,349 \Rightarrow 166	drafted			
4,510 \Rightarrow 140	Iraq			
432,188.5 \Rightarrow 395	Qassem			
53,954.5 \Rightarrow 320	WWIII			
1,519,083 \Rightarrow 489	Qasem \triangleright			
761 \Rightarrow 88	World			
29,328.5 \Rightarrow 374	Iranians			
shutdown	370 \Rightarrow 26,875.5			
1,519,083 \Rightarrow 673	Suleimani \triangleright			
wall	168 \Rightarrow 2,292			
Kelly	275 \Rightarrow 6,797			
36,597 \Rightarrow 444	Baghdad			
1,478 \Rightarrow 152	military			
821 \Rightarrow 114	killed			
Rashida	387 \Rightarrow 16,489.5			
3,929 \Rightarrow 239	terrorist			
26,149 \Rightarrow 449	Sid			
4,131.5 \Rightarrow 256	Middle			
4,429 \Rightarrow 269	draft			
5,353.5 \Rightarrow 302	soldiers			
insecure	330 \Rightarrow 6,298.5			
327 \Rightarrow 79	US			
2,614 \Rightarrow 242	East			
Tlaib	418 \Rightarrow 10,265			
432,188.5 \Rightarrow 988	Quds			
82,597.5 \Rightarrow 759	Shukla			
39,796.5 \Rightarrow 650	Iran's			
1,519,083 \Rightarrow 1,201	BOMBOCLAAT \triangleright			
13,389 \Rightarrow 485	battlefield			
19,937 \Rightarrow 568	commander			
186 \Rightarrow 58	Me			
1,830 \Rightarrow 225	trending			
1,508 \Rightarrow 209	killing			
90,967.5 \Rightarrow 904	Sidharth			
19,402.5 \Rightarrow 619	assassination			

Balances:
 42.7% total counts 57.3%
 61.0% all words 64.2%
 58.6% exclusive words 60.7%
 50.0%—50.0%