Socio-technical analysis result (Guix) g

	range.date			devs ml.onlv.devs	code.only.devs	ml.code.devs	perc.ml.only.devs	perc.code.only.devs	perc.ml.code.devs	sponsored.devs	ratio.sponsored	sponsored.core.devs	ratio.sponsored.core	num.tz	core.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	st.congruence		communicability	global.turnover		code.turnover
	1 2013	-06 - 201	3-09	7 2	2 1	4	0.2857	0.1429	0.5714	0	0.0000	0	0	4	4	4	0	0	0	0	0	0	1.0000	1	.0000	0.0000	0.	0000
	2 2013	-09 - 201	3-12 2	2 9	9 0	13	0.4091	0.0000	0.5909	1	0.0455	0	0	11	11 1	.1	1	0	0	8	0	0	1.0000	1	.0000	0.1379	0.	0000
	3 2013	-12 - 201	4-03 3	3 - 22	2 0	11	0.6667	0.0000	0.3333	0	0.0000	0	0	9	17 1	7	1	0	0	4	0	0	1.0000	1	.0000	0.4000	0.	5000
	4 2014	-03 - 201	4-06 3	0 15	5 0	15	0.5000	0.0000	0.5000	1	0.0333	0	0	13	13 1	.3	0	0	4	30	0	0	1.0000	1	.0000	0.5079	0.	0769
	5 2014	-06 - 201	4-09 3	2 17	7 0	15	0.5312	0.0000	0.4688	0	0.0000	0	0	15	14 1	.4	2	0	0	9	1	0	1.0000	1	.0000	0.5161	0.	4667
		-09 - 201		8 26		20	0.5417	0.0417	0.4167	0	0.0000	0	0	-	-	20	3	2	0	18	1		0.6667		0.9470	0.2250		1081
	7 2014	-12 - 201	5-03 5	5 32	2 1	22	0.5818	0.0182	0.4000	1	0.0182	0	0			22	0	0	0	21	0		1.0000		.0000	0.4272		2667
		-03 - 201		3 31		21	0.5849	0.0189	0.3962	0	0.0000	0	0			23	2	0	0	8	0		1.0000		.0000	0.5000		2667
		-06 - 201		3 33		_	0.5238	0.0317	0.4444	1	0.0159		0		-	26	0	0	0	16	1		1.0000		.0000	0.3448		1923
1		-09 - 201				٠.	0.5065	0.0130	0.4805	6	0.0779	0	0	-	-	31	2	1	0	17	0		0.5000		0.9605	0.3143		1176
1		-12 - 201		3 40		-	0.4819	0.0361	0.4819	3	0.0361	0	0			33	2	1	0	37	1		0.5000		0.9651	0.4625		3704
1	2 2016	-03 - 201	6-05 9	7 48		47	0.4948	0.0206	0.4845	7	0.0722	0	0	25	34 3	84	2	0	0	30	1	0	1.0000	1	.0000	0.3444	0.	2826
	l.turnoveı	urnover	tiirn ower		smelly.quitters	lv.devs	,		∡ -¥	;	centr	ess.centr		ıtr		po							core.devs	ore.devs	core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core
	core.global.turnover	core.mail.turnover	ore code		ratio.smel	m ratio.smellv.devs	y olobal truck	Journal Lions	man.uck code truck		closeness.centr	betweenness		degree.centr		global.mod		mail.mod		code.mod		density	mail.only.c	code.only.core.devs	ml.code.cor	ratio.mail	ratio.cod	ratio.ml.
1	0.0000	0.0000	0.0000	0.0	0000 ratio	0.0000	0.4286	6 0.3333	3 1.0000	0	0.3038	0.4278	0.4	$\frac{\text{degree}}{4524}$	0.13	11		1311		.0000		3810	4	0	0	1.0000	0	0.0000
$\overline{2}$	0.0000	0.0000 0.0000	0.0000	0.0	0000 ratio	0.0000	0.4286	6 0.3333 0 0.5000	3 1.0000 0 0.9231	0	0.3038	0.4278 0.7381	0.4	degree 4524 8052	0.00	311 042	0.0	1311 0046	-0.	.0000	0.	3810 1948	4 10	0	0 1	1.0000 0.9091	0	0.0000 0.0909
2	0.0000 0.0000 0.2143	0.0000 0.0000 0.2143	0.0000 0.0000 0.0000	0.0 0.0 0.4	0000 0000 0545	0.0000 0.3636 0.1212	0.4286 0.5000 0.4848	6 0.3333 0 0.5000 3 0.4848	3 1.0000 0 0.9231 8 0.9091	0 0	0.3038 0.9328 0.8503	0.4278 0.7381 0.6943	0.4 0.8 0.7	95.39 1524 8052 7727	$0.00 \\ 0.07$	311 342 778	0.0	1311 0046 0783	-0. -0.	.0000 .5000 .5000	0. 0.	3810 1948 1648	4 10 16	0 0 0	0 1 1 0 1 0	1.0000 0.9091 0.9412	0 0 0	0.0000 0.0909 0.0588
2 3 4	0.0000 0.0000 0.2143 0.6000	0.0000 0.0000 0.2143 0.6000	0.0000 0.0000 0.0000 2.0000	0.0 0.0 0.4 0.1	0000 0000 0545 250	0.0000 0.3636 0.1212 1.0000	0.4286 0.5000 2 0.4848 0 0.5667	6 0.3333 0 0.5000 8 0.4848 7 0.5667	3 1.0000 0 0.9231 8 0.9091 7 1.0000	0 0 0	0.3038 0.9328 0.8503 0.8958	0.4278 0.7381 0.6943 0.7318	0.4 0.8 0.7 0.8	9524 1524 8052 7727 8184	0.00 0.07 -0.20	311 342 778 335	0.0 0.0 -0.2	1311 0046 0783 2035	-0. -0. 0.	.0000 .5000 .5000 .0000	0. 0. 0.	3810 1948 1648 1471	4 10 16 13	0 0 0 0	0 1 0 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0	1.0000 0.9091 0.9412 1.0000	0 0 0 0	0.0000 0.0909 0.0588 0.0000
2 3 4 5	0.0000 0.0000 0.2143 0.6000 0.2963	0.0000 0.0000 0.2143 0.6000 0.2963	0.0000 0.0000 0.0000 2.0000 0.0000	0.0 0.0 0.4 0.1 0.1	0000 0000 0545 250 0000	0.0000 0.3636 0.1212 1.0000 0.2812	0.4286 0.5000 2 0.4848 0 0.5667 2 0.5628	6 0.3333 0 0.5000 8 0.4848 7 0.5667 6 0.5623	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667	0 0 0	0.3038 0.9328 0.8503 0.8958 0.9249	$0.4278 \\ 0.7381 \\ 0.6943 \\ 0.7318 \\ 0.6942$	0.4 0.8 0.7 0.8 0.8	4524 8052 7727 8184 8185	0.00 0.07 -0.20 0.02	311 342 778 335 238	0.0 0.0 -0.2	1311 0046 0783 2035 0242	-0. -0. 0. -0.	.0000 .5000 .5000 .0000 .3576	0. 0. 0.	3810 1948 1648 1471 1815	4 10 16 13 12	0 0 0 0	0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1.0000 0.9091 0.9412 1.0000 0.8571	0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429
2 3 4	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765	0.0000 0.0000 0.0000 2.0000 0.0000 0.0000	0.0 0.0 0.4 0.1 1.0 0.5	0000 0000 0545 250 0000 5556	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167	0.4286 0.5000 2 0.4848 0 0.5667 2 0.5628 7 0.5833	6 0.3333 0 0.5000 8 0.4848 7 0.5667 6 0.5628 3 0.5655	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636	0 0 0 0 0 0 0	0.3038 0.9328 0.8503 0.8958 0.9249 0.3058	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977	0.4 0.8 0.7 0.8 0.8	#524 #524 #6052 7727 #3184 #3185 7863	0.00 0.07 -0.20 0.02 0.06	311 342 778 335 338 399	0.0 0.0 -0.2 0.0	1311 0046 0783 2035 0242 0726	-0. -0. 0. -0.	.0000 .5000 .5000 .0000 .3576 .3014	0. 0. 0. 0.	3810 1948 1648 1471 1815 1498	4 10 16 13 12 17	0 0 0 0 0	0 1 0 1 0 2 0 3 0	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500	0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500
2 3 4 5 6 7	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857	0.0000 0.0000 0.0000 2.0000 0.0000 2.0000	0.0 0.0 0.0 0.4 0.1 1.0 0.5 0.5	0000 0000 0000 0545 250 0000 0556	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167 0.3818	0.4286 0.5000 0.4848 0.5667 0.5628 0.5833 0.6000	6 0.3333 0 0.5000 8 0.4848 7 0.5667 6 0.5628 3 0.5652 0 0.5920	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636 6 1.0000	0 0 0 0 0 0	0.3038 0.9328 0.8503 0.8958 0.9249 0.3058 0.2577	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977 0.4142	0.4 0.8 0.7 0.8 0.8 0.8 0.7	95 4524 8052 7727 8184 8185 7863 6572	0.00 0.07 -0.20 0.02 0.06 0.08	311 042 778 035 038 699 657	0.0 -0.2 -0.0 0.0 0.0	1311 0046 0783 2035 0242 0726 0857	-0. -0. 0. -0. 0.	.0000 .5000 .5000 .0000 .3576 .3014	0. 0. 0. 0. 0.	3810 1948 1648 1471 1815 1498 1576	4 10 16 13 12 17 22	0 0 0 0 0 0	0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500 1.0000	0 0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500 0.0000
2 3 4 5 6 7 8	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667	0.0000 0.0000 0.0000 2.0000 0.0000 2.0000 0.0000	0.0 0.0 0.0 0.4 0.1 1.0 0.5 0.5 0.5	0000 0000 0000 0545 0000 0556 0000 0074	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167 0.3818 0.1509	0.4286 0.5000 0.4848 0.5667 2.0.5627 0.5833 0.6000 0.5660	6 0.333; 0 0.5000 8 0.4848 7 0.5665 6 0.5622 0 0.5926 0 0.5577	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636 3 1.0000 7 0.9091	0 0 0 0 0 0 0 0 0 0	0.3038 0.9328 0.8503 0.8958 0.9249 0.3058 0.2577 0.2978	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977 0.4142 0.5078	0.4 0.8 0.7 0.8 0.8 0.7 0.6 0.7	95 4524 4524 7727 3184 3185 7863 6572 7754	0.00 0.07 -0.20 0.02 0.06 0.08 0.09	311 342 778 335 338 399 357	0.0 0.0 -0.2 0.0 0.0 0.0	1311 0046 0783 2035 0242 0726 0857 0943	-0. -0. 0. -0. 0.	.0000 .5000 .5000 .0000 .3576 .3014 .0000	0. 0. 0. 0. 0.	3810 1948 1648 1471 1815 1498 1576 1669	4 10 16 13 12 17 22 21	0 0 0 0 0 0 0	0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500 1.0000 0.9130	0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500 0.0000 0.0870
2 3 4 5 6 7 8 9	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449	0.0000 0.0000 0.0000 0.0000 0.0000 2.0000 0.0000 2.0000	0.0 0.0 0.0 0.4 0.1 0.1 0.5 0.5 0.4 0.4 0.5	0000 0000 0000 0545 250 0000 0556 0000 074 2500	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167 0.3818 0.1509 0.2540	0.4286 0.5000 2.0.4848 0.5667 2.0.5629 7.0.5833 0.6000 0.56660 0.5873	5 0.3333 0 0.5000 8 0.4848 7 0.5667 5 0.5628 0 0.5920 0 0.5577 3 0.5738	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636 6 1.0000 7 0.9091 8 1.0000		0.3038 0.9328 0.8503 0.8958 0.9249 0.3058 0.2577 0.2978 0.1493	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977 0.4142 0.5078 0.4340	0.4 0.8 0.7 0.8 0.8 0.7 0.6 0.7	### 1524 ### 15	0.00 0.07 -0.20 0.02 0.06 0.08 0.09	311 342 778 335 338 399 357 344 382	0.0 0.0 -0.2 0.0 0.0 0.0	1311 0046 0783 2035 0242 0726 0857 0943 0682	-0. -0. 0. -0. 0. -0.	.0000 .5000 .5000 .0000 .3576 .3014 .0000 .3812	0. 0. 0. 0. 0. 0.	3810 1948 1648 1471 1815 1498 1576 1669 1475	4 10 16 13 12 17 22 21 26	0 0 0 0 0 0 0	0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500 1.0000 0.9130 1.0000	0 0 0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500 0.0000 0.0870 0.0000
2 3 4 5 6 7 8 9	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449 0.2456	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449 0.2456	0.0000 0.0000 0.0000 0.0000 0.0000 2.0000 0.0000 2.0000 0.0000	0.0 0.0 0.0 0.0 0.1 0.1 0.5 0.5 0.5 0.4 0.2 0.2 0.4	0000 0000 0000 0545 250 0000 0556 0000 074 0500	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167 0.3818 0.1509 0.2540 0.2338	0.4286 0.5000 2.0.4848 0.5667 2.0.5629 7.0.5833 8.0.6000 0.5660 0.5873 8.0.5974	6 0.3333 0 0.5000 8 0.4848 7 0.5667 6 0.5628 8 0.5652 0 0.5920 0 0.5577 3 0.5738 4 0.5921	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636 3 1.0000 7 0.9091 8 1.0000 1 0.9474		0.3038 0.9328 0.8503 0.8958 0.9249 0.3058 0.2577 0.2978 0.1493 0.7929	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977 0.4142 0.5078 0.4340 0.5414	0.4 0.8 0.7 0.8 0.8 0.7 0.6 0.7 0.7 0.7	35 50 50 50 50 50 50 50 50 50 50 50 50 50	0.00 0.07 -0.20 0.02 0.06 0.08 0.09 0.06 0.30	311 042 778 035 038 399 357 034 382 026	0.0 0.0 0.0 0.0 0.0 0.0	1311 0046 0783 2035 0242 0726 0857 0943 0682 3070	-0. -0. 0. -0. 0. -0.	.0000 .5000 .5000 .0000 .3576 .3014 .0000 .3812 .0000 .4789	0. 0. 0. 0. 0. 0.	3810 1948 1648 1471 1815 1498 1576 1669 1475 1282	4 10 16 13 12 17 22 21 26 29	0 0 0 0 0 0 0 0	0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500 1.0000 0.9130 1.0000 0.9355	0 0 0 0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500 0.0000 0.0870 0.0000 0.0645
2 3 4 5 6 7 8 9	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449	0.0000 0.0000 0.2143 0.6000 0.2963 0.1765 0.2857 0.2667 0.2449	0.0000 0.0000 0.0000 0.0000 0.0000 2.0000 0.0000 2.0000	0.0 0.0 0.0 0.0 0.1 1.0 0.5 0.5 0.5 0.4 0.2 0.2 0.4 0.2	0000 0000 0000 0545 250 0000 0556 0000 074 2500	0.0000 0.3636 0.1212 1.0000 0.2812 0.4167 0.3818 0.1509 0.2540	0.4286 0.5000 2.0.4848 0.5667 2.0.5628 7.0.5833 8.0.6000 0.5666 0.5873 8.0.5974 8.0.6024	6 0.3333 0 0.5000 8 0.4848 7 0.5665 6 0.5625 8 0.5652 0 0.5920 0 0.5573 8 0.5738 4 0.5921	3 1.0000 0 0.9231 8 0.9091 7 1.0000 5 0.8667 2 0.8636 3 1.0000 7 0.9091 8 1.0000 1 0.9474 5 0.9535		0.3038 0.9328 0.8503 0.8958 0.9249 0.3058 0.2577 0.2978 0.1493 0.7929 0.1407	0.4278 0.7381 0.6943 0.7318 0.6942 0.5977 0.4142 0.5078 0.4340	0.4 0.8 0.7 0.8 0.8 0.7 0.7 0.7 0.7	### 1524 ### 15	0.00 0.07 -0.20 0.02 0.06 0.08 0.09	311 342 778 335 338 399 357 344 382 326 321	0.0 0.0 0.0 0.0 0.0 0.0 0.0	1311 0046 0783 2035 0242 0726 0857 0943 0682	-0. -0. -0. 0. -0. -0. -0.	.0000 .5000 .5000 .0000 .3576 .3014 .0000 .3812	0. 0. 0. 0. 0. 0.	3810 1948 1648 1471 1815 1498 1576 1669 1475	4 10 16 13 12 17 22 21 26	0 0 0 0 0 0 0	0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	1.0000 0.9091 0.9412 1.0000 0.8571 0.8500 1.0000 0.9130 1.0000	0 0 0 0 0 0 0	0.0000 0.0909 0.0588 0.0000 0.1429 0.1500 0.0000 0.0870 0.0000

Community smells: Pearson's correlation (Guix)

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		devs	ml.only.devs	code.only.devs	ml.code.devs	perc.ml.only.devs	perc.code.only.devs	perc.ml.code.devs	sponsored.devs	ratio.sponsored	ored.core.c	ratio.sponsored.core	num.tz	core.global.devs	core.mail.devs	core.code.devs		prima donnas	radio silence		black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
Ol	rg.silo	0.29	0.27	0.51	0.28	0.05	0.09	-0.12	0.13	0.07	-	- 0.3	B8 0.	.32	0.32	0.66		0.16	6 0.29	0	.34	1.00	-0.83	-0.98	-0.36	-0.24
prima.d	onnas	-0.24	-0.26	-0.34	-0.19	-0.03	-0.22	0.16	-0.09	0.09	-	0.1	3 -0.	26	-0.26	-0.37	-0.16	3	- 0.37	-0	.29 -	-0.16	0.17	0.17	0.35	-0.34
radio.s	ilence	0.69	0.63	0.56	0.73	0.11	-0.28	0.01	0.55	0.53	-	- 0.5	0.5	.66	0.66	0.15	0.29	0.37	7 -	0	.36	0.29	-0.43	-0.33	0.21	-0.13
black.		0.42	0.36	0.65	0.44	-0.21	0.60	0.07	0.15	-0.08	-	- 0.5	0.	.38	0.38	0.41	0.34	4 -0.29	0.36		-	0.34	-0.21	-0.28	-0.01	0.26
missing	g.links	0.29	0.27	0.51	0.28	0.05	0.09	-0.12	0.13	0.07	-	- 0.3	38 O.	.32	0.32	0.66	1.00	-0.16	0.29	0	.34	-	-0.83	-0.98	-0.36	-0.24
			core.global.turnover		core:man.turnover	code.tu	ratio.smelly.quitters	ratio.smeny.devs global.truck	mail.truck	code.truck	closeness.centr	hetweenness centr		degree.centr	global.mod	mail.mod	code.mod	density	mail.only.core.devs	code.only.core.devs	ml code core devs		ratio.mail.only.core ratio.code.only.core	ratio.ml.code.core		
	-	org.silc	-0.19	-0.19	9 -0.3	4 0.	9 0.1	1 0.28	0.22	-0.41	-0.18	-0.05	0.1	7 (0.27	0.28	0.33	-0.26	0.26	-	0.66	-0.4	49 -	0.49	_	
	-	.donnas								0.35	0.36					-0.72	0.26	-0.11	-0.23	-	-0.37	0.3	35 -	-0.35		
		o.silence								0.29	-0.33				0.03	0.03	0.11	-0.64	0.67	-	0.15			-0.15		
		ck.cloud								-0.20	-0.50				0.22	0.22	0.28	-0.33	0.34	-	0.41	-0.		0.32		
	$_{ m missi}$	ng.links	s -0.19	-0.19	9 -0.3	4 0.	0.1	1 0.28	0.22	-0.41	-0.18	-0.05	0.1	7 (0.27	0.28	0.33	-0.26	0.26	-	0.66	-0.4	49 -	0.49		

Community smells: Pearson's correlation - p-values (Guix)

					\mathcal{O}	01111	шин	ıuy	5111	CIID.	10	AI D	J11 B	COLI	Ciau	1011	P	aruc	<i>)</i> (•	илх	,					
		devs	ml.only.devs	code.only.devs	m code devs		perc.mr.omy.devs	perc.code.only.devs	perc.ml.code.devs	sponsored.devs	ratio.sponsored	sponsored.core.devs	ratio.sponsored.core	num.tz	core.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org.s	silo (0.36	0.40	0.09	0.38	0.8	7 0.	79	0.72	0.68	0.83	-	-	0.22	0.31	0.31	0.02	_	0.62	0.36	0.31	0.00	0.00	0.00	0.28	0.48
prima.donr		0.46	0.42	0.28	0.56			50	0.63	0.79	0.77		-	0.68	0.42	0.42	0.23	0.62	-	0.23	0.39	0.62		0.60		0.31
radio.siler	nce (0.01	0.03	0.06	0.01	0.7	5 0.	39	0.97	0.06	0.08	-	-	0.07	0.02	0.02	0.63	0.36	0.23	-	0.28	0.36	0.17	0.29	0.54	0.70
black.clo	oud (0.20	0.28	0.03	0.17	0.5	3 0.	05	0.84	0.67	0.82	-	-	0.11	0.25	0.25	0.21	0.31	0.39	0.28	-	0.31	0.54	0.40	0.97	0.44
missing.lin	nks (0.36	0.40	0.09	0.38	0.8	7 0.	79	0.72	0.68	0.83	-	-	0.22	0.31	0.31	0.02	0.00	0.62	0.36	0.31	-	0.00	0.00	0.28	0.48
				core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters		· ·	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr	global.mod	mail.mod	code.mod	density	mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	
		org.si				0.31	0.79	0.7).18	0.57	0.87	0.60	0.39	0.38	0.29	0.42	0.42	-	0.02	0.10		0.10	
I	prima.					0.11	0.28	0.0				0.27	0.24	0.20	0.37	0.01	0.01	0.41	0.72	0.48	-	0.23	0.26		0.26	
	radio						0.52	0.0				0.37	0.29	0.19	0.92	0.92	0.93	0.74	0.02	0.02	-	0.63	0.63		0.63	
		k.clou				0.91	0.22	0.8				0.55	0.12	0.18	0.29	0.52	0.52	0.40	0.33	0.31	-	0.21	0.33		0.33	
	missin	ıg.linl	ks 0 .	58 0	.58 (0.31	0.79	0.7	3 0.3	37 O	.49 (0.18	0.57	0.87	0.60	0.39	0.38	0.29	0.42	0.42	-	0.02	0.10	-	0.10	

Community smells:	Spearman's correlation	(Guix)
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										- I					(/								
	devs	ml.only.devs	code.only.devs	ml.code.devs	perc.ml.only.devs	perc.code.only.devs	perc.ml.code.devs	sponsored.devs	ratio.sponsored	sponsored.core.devs ratio.sponsored.core	num.tz	core.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	•	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org.sil	ilo 0.37	0.37	0.53	0.37	-0.04	0.40	-0.06	0.19	0.19		0.49	0.37	0.37	0.64	-	-0.17	0.40	0.2	29 1.0	00 -	0.96	-1.00	-0.36	-0.17
prima.donna		-0.31	-0.37	-0.17	-0.13	-0.36	0.31	0.09	0.14		-0.18	-0.31	-0.31	-0.37	-0.17		0.35	-0.2		17	0.17	0.17	0.40	-0.40
radio.silenc		0.62	0.50	0.74	-0.14	0.12	0.13	0.68	0.56		0.57	0.59	0.59	0.20	0.40	0.35	-	0.3	88 0.4		0.43	-0.38	0.12	-0.09
black.clou		0.40	0.63	0.43	-0.23	0.62	0.12	0.09	-0.12		0.58	0.40	0.40	0.43	0.29	-0.29	0.38		- 0.5		0.22	-0.26	0.00	0.29
missing.link	ks 0.37	0.37	0.53	0.37	-0.04	0.40	-0.06	0.19	0.19		0.49	0.37	0.37	0.64	1.00	-0.17	0.40	0.2	.9		0.96	-1.00	-0.36	-0.17
		core.global.turnover		core code turnover	ratio.smellv.quitters		global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr	global.mod	mail.mod	code.mod	density	mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core		ratio ml code core	100101111110010010	
	org.silo			-0.27	0.19		0.39	0.27	-0.36	-0.12	-0.11	0.01	0.36	0.36	0.15	-0.44	0.37	-	0.64	-0.46		0.46		
-	rima.donnas								0.36	0.31	0.39	0.39	-0.48	-0.48	0.27	-0.22	-0.22	-	-0.37	0.36		-0.36		
	radio.silence							0.84	0.26	-0.44	-0.39	-0.09	0.15	0.15	0.26	-0.81	0.66	-	0.20	0.10		-0.10		
	black.cloud	0.12	0.12	0.13	0.40	0.23	0.40	0.29	-0.12	-0.46	-0.46	-0.17	0.06	0.06	0.41	-0.29	0.35	-	0.43	-0.20) –	0.20)	
	nissing.links				0.19	0.33	0.39	0.27	-0.36	-0.12	-0.11	0.01	0.36	0.36	0.15	-0.44	0.37		0.64	-0.46		0.46		

Community smells: Spearman's correlation - p-values (Guix)

					$\mathcal{O}($	<i>J</i> 11111	ıuıı	ıty	SIIIC	115.	phe	11 11	ian	S CO			- P-	varu	cs (Guiz	^ <i>)</i>					
		devs	ml.only.devs	code.only.devs	,	ml.code.devs	perc.ml.only.devs	perc.code.only.devs	perc.ml.code.devs	sponsored.devs	ratio.sponsored	sponsored.core.devs	ratio.sponsored.core	num.tz	core.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org.s	ilo 0.	.23	0.23	0.08	0.2	23 0.	90	0.20	0.85	0.55	0.56	-	-	0.10	0.23	0.23	0.02	-	0.59	0.20	0.38	0.00	0.00	0.00	0.28	0.62
prima.donn	nas 0.	.33	0.33	0.24	0.5	69 0.	68	0.26	0.33	0.78	0.67	-	-	0.59	0.33	0.33	0.24	0.59	-	0.26	0.39	0.59	0.59	0.59	0.22	0.22
radio.silen		.03	0.03	0.10	0.0		66	0.71	0.69	0.01	0.06	-	-	0.05	0.05	0.05	0.52	0.20	0.26	-	0.25	0.20	0.16	0.23	0.73	0.78
black.clo		.22	0.22	0.04	0.1			0.04	0.74	0.79	0.73	-	-	0.06	0.22	0.22	0.19	0.38	0.39	0.25	-	0.38	0.51	0.45		0.39
missing.lin	0.	.23	0.23	0.08	0.2	23 0.	90	0.20	0.85	0.55	0.56		-	0.10	0.23	0.23	0.02	0.00	0.59	0.20	0.38		0.00	0.00	0.28	0.62
				core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smellv.quitters		ratio.smelly.devs	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr	global.mod	mail.mod	code.mod	density	mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	
	Ol	rg.sil			.37	0.42	0.58		30 0.			.25	0.71	0.74	0.98	0.25	0.25	0.63	0.16	0.23	-	0.02	0.13		0.13	
p	$_{ m orima.d}$.12	0.17	0.22					.26	0.33	0.21	0.21	0.11	0.11	0.40	0.50	0.50	-	0.24	0.26		0.26	
	radio.s				.05	0.03	0.93					.42	0.15	0.22	0.77	0.65	0.65	0.41	0.00	0.02	-	0.52	0.75		0.75	
	black.				.74	0.71	0.22					.73	0.15	0.15	0.61	0.87	0.87	0.21	0.39	0.30	-	0.19	0.55		0.55	
	missing	g.link	cs = 0.	.37 0	.37	0.42	0.58	0.3	30 - 0.	21 - 0	.39 0	.25	0.71	0.74	0.98	0.25	0.25	0.63	0.16	0.23	-	0.02	0.13	- (0.13	