Socio-technical analysis result (Node.js)

											ai aii	J	is rest	' '		10. j5										
	range.date		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.mail.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links		st.congruence	communicability	global.turnover	${\rm code.turnover}$
1	2013-05	- 2013-08	525	458	51	16	0.8724	0.0971	0.0305	18	0.0343	3 2	0.0299	1 14		44 10	35	0	190	0	42	0.222		577 0.0	0000	0.0000
2	2013-08	- 2013-11	397	358	28	11		0.0705	0.0277	7	0.0176		0.0256	1 13	1 12	29	21	0	104	0	29	0.171			8265	0.9623
3		- 2014-02	452	410	33			0.0730	0.0199	4	0.0088		0.0000	1 10		09 3		0	153	0	6	0.250			6031	0.7407
4		- 2014-05	449	321	112			0.2494	0.0356	17	0.0379		0.0156	1 12		18 13	3 48	0	98	0	58	0.033			6881	0.2706
5		- 2014-08	281	254	21			0.0747	0.0214	3	0.0107		0.0000	1 10		04		0	7	0	5	0.000			9616	1.4194
6		- 2014-11	435	261	166			0.3816	0.0184	8	0.0184		0.0115	1 10		97 13		0	75	0	48	0.040			5391	0.0697
7		- 2015-02	385	261	116			0.3013	0.0208	26	0.0675		0.0081	1 13		14 22		0	14	0	112	0.008			8073	0.9396
8		-2015-05	292	203	82			0.2808	0.0240	21	0.0719		0.0000	1 11		96 18		0	13	0	136	0.000			8538	0.8638
9		- 2015-08	259	190	63			0.2432	0.0232	8	0.0309		0.0000	1 10		91 21		0	16	0	97	0.000			7695	0.6456
10		- 2015-11	234	112	117	5		0.5000	0.0214	24	0.1026		0.0082	1 6		56 - 25		0	6	0	187	0.000			8114	0.3560
11		- 2016-02	233	88	141			0.6052	0.0172	32	0.1373		0.0138	1 7		50 30		0	3	0	192	0.000			7452	0.5693
12	2016-02	-2016-05	235	20	150	9	0.2404	0.6469	0.0100	33	0.1404	1 1	0.000	1 6)	41 30	259	0	6	Ω	260	0.000	20 00	245 04	ഗോ	0 5722
		2010-00	200	80	152	3	0.3404	0.6468	0.0128		0.1404	ŧ 1	0.0065	1 6	2 4	41 30	259		0		200	0.000	00 0.8	545 U.C	6923	0.5733
	core.global.turnover	core.mail.turnover	core.code.turnover		$\frac{\text{ratio.smelly.quitters}}{\mathbb{R}}$	$\left \frac{\alpha}{\alpha} \right $	l.truck	ווכץ		code.truck	closeness.centr	betweenness.centr				mail.mod	239		density	mail.only.core.devs	code.only.core.devs	ml.code.core.devs	$\begin{bmatrix} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & $	ratio.code.only.core		ratio.ml.code.core
	core.global.turnover	00000.0 core.mail.turnover	00000 core.code.turnover	0.00	00 ratio.smelly.quitters	286 87 87 87 87 87 87 87 87 87 87 87 87 87	global.truck)	2 0.850	2 code.truck	closeness.centr	0.2189	0.2379 0.2379	0.217	0 0.	pom:lism 3676	0.0414	0.	0159	138	code.only.core.devs	9 ml.code.core.devs	0.9324	0.0270 ratio.code.only.core	0 0.04	tatio.ml.code.core
1 2	0.0000 000000 core.global.turnover	core.mail.turnover	0.0000 0.5882	0.00 0.38	288 000 ratio.smelly.quitters	265.0 265.0 265.0 2765.0	00.45.0 1812.0 1913.0 1910.0	0.6962 0 0.6504	2 0.850° 4 0.820°	7 code truck	closeness.centr.	0.2189 0.1974	0.2379 0.2431	0.217 0.150	0 0. 7 0.	рош: lieш .3676 .4232	0.0414 0.0170		0159 0196	138 124	code.only.core.devs	c o ml.code.core.devs	0.9324 0.9466	0.0270 0.0153	0.04 0.03	288 tatio.ml.code.core
1 2 3	0.000.0 0.000.0 core.global.turnover	0.0000 0.6007 0.6471	0.0000 0.5882 0.8000	0.00 0.38 0.20	2800 ratio.smelly.quitters	0.3943 0.2972 0.3473	% 1817.0 % 1817.0 % 1999.0 % 1	0.6962 0.6504 0.7399	2 0.850° 4 0.820° 9 0.9286	7 Code:truck 0 6 0	.0036 .0056 .0042	0.2189 0.1974 0.2395	0.2379 0.2431 0.3625	0.217 0.150 0.327	0 0. 7 0. 8 0.	рош: !iem .3676 .4232 .2813	0.0414 0.0170 -0.4281		Atjusted Policy of the Control of th	138 124 106	soe-only.core.devs	s c o ml.code.core.devs	0.9324 0.9466 0.9725	0.0270 0.0153 0.0000	0.04 0.03 0.03 0.00	200 ratio.ml.code.core
3	0.0000 0.6583 0.5641	0.0000 0.6007 0.6471 0.5815	0.0000 0.0000 0.0000 0.0000	0.00 0.38 0.20 0.3	000 000 000 000 000 000 000 000 000 00	sandario supellà dessenza de la constanta de l	0.7181 0.6700 0.7588 0.7216	0.6962 0.6504 0.7399 0.6499	2 0.850° 4 0.820° 9 0.928° 9 0.898°	7 COGE: TLUCK 5 0 6 0 4 0	.0036 .0056 .0042 .0033	0.2189 0.1974 0.2395 0.0790	0.2379 0.2431 0.3625 0.1684	0.217 0.150 0.327 0.073	0 0. 7 0. 8 0. 6 0.	рош: !!e :: :3676 .4232 .2813 .4441	0.0414 0.0170 -0.4281 0.0102	0.0 0.0 0.0	Atjensor 0159 0196 0233 0124	138 124 106 113	sode.only.core.devs	c o ml.code.core.devs	0.9324 0.9466 0.9725 0.8968	0.0270 0.0153 0.0000 0.0635	0 0.04 3 0.03 0 0.02 5 0.03	405 382 275 397
3 4 5	0.0000 0.6093 0.6583 0.5641 0.6840	0.0000 0.6007 0.6471 0.5815 0.6486	0.0000 0.5882 0.8000 0.0000 1.2941	0.00 0.38 0.20 0.3 0.22	251 (251)	0.3943 0.2972 0.3473 0.2695 0.0463	0.7181 0.6700 0.7588 0.7216 0.6228	0.6962 0.6504 0.7399 0.6499 0.6000	2 0.850° 4 0.820° 9 0.898° 9 0.898° 0 0.851°	7 0 5 0 6 0 4 0 9 0	.0036 .0056 .0042 .0033 .0063	0.2189 0.1974 0.2395 0.0790 0.1470	0.2379 0.2431 0.3625 0.1684 0.1771	0.217 0.150 0.327 0.073 0.504	0 0. 7 0. 8 0. 6 0. 2 0.	ронг Перед 3676 .4232 .2813 .4441 .4842	0.0414 0.0170 -0.4281 0.0102 0.2311		159 0159 0196 0233 0124 0193	138 124 106 113 103	code.only.core.devs	ml.code.core.devs	0.9324 0.9466 0.9725 0.8968 0.9626	0.0270 0.0153 0.0000 0.0635 0.0280	0 0.04 0 0.03 0 0.02 0 0.03 0 0.03 0 0.03	275 382 275 397 093
3	0.0000 0.6093 0.5641 0.6840 0.6919	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529	0.00 0.38 0.20 0.3: 0.22	000 (251 (251 (251 (251 (251 (251 (251 (251	0.3943 0.2972 0.3473 0.2695 0.0463 0.2299	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586	0.6962 0.6504 0.6504 0.6499 0.6000 0.6394	2 0.850° 4 0.820° 9 0.928° 9 0.898° 0 0.851° 1 0.925°	7 00 5 00 6 0 4 0 9 0 3 0	.0036 .0056 .0042 .0033 .0063 .0028	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679	0.217 0.150 0.327 0.073 0.504 0.014	0 0. 7 0. 8 0. 6 0. 2 0. 8 0.	.3676 .4232 .2813 .4441 .4842 .3386	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009		Ajsuap 0159 0196 0233 0124 0193 0095	138 124 106 113 103 95	Sample S	e 5 2 5 1 2 ml.code.core.devs	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796	0.0270 0.0153 0.0000 0.0635 0.0280 0.1019	0.04 0.03 0.03 0.03 0.03 0.00 0.00 0.00	405 382 275 397 093 185
3 4 5 6 7	0.0000 0.6093 0.6583 0.5641 0.6840 0.6919 0.5210	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164 0.5308	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529 0.2857	0.00 0.38 0.20 0.33 0.22 0.01	000 (882 (656 (755) (755	0.3943 0.2972 0.3473 0.2695 0.0463 0.2299 0.1610	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586 0.6545	0.6962 0.6504 0.6504 0.6499 0.6000 0.6394 0.5762	2 0.850° 4 0.820° 9 0.928° 9 0.851° 4 0.925° 2 0.822°	7 00 COGE: TLUCK 5 0 6 0 4 0 9 0 3 0 6 0 6 0	.0036 .0056 .0042 .0033 .0063 .0028	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913 0.1649	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679 0.1436	0.217 0.150 0.327 0.073 0.504 0.014 0.306	0 0. 7 0. 8 0. 6 0. 2 0. 8 0. 6 0.	.3676 .4232 .2813 .4441 .4842 .3386 .5577	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009 0.1405	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	159 0159 0196 0233 0124 0193 0095 0101	138 124 106 113 103 95 111	2 0 8 3 11 19	solution of the state of the st	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796 0.8346	0.0270 0.0153 0.0000 0.0635 0.1019 0.1429	0 0.04 0 0.03 0 0.02 0 0.02 0 0.00 0 0.01 0 0.02	405 382 275 397 093 185 226
3 4 5 6 7 8	0.0000 0.6093 0.6583 0.5641 0.6840 0.6919 0.5210 0.6749	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164 0.5308 0.6762	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529 0.2857 0.4500	0.00 0.38 0.20 0.33 0.22 0.03 0.18	000 (251 (251 (251 (251 (251 (251 (251 (251	satio.smelly.devs 0.3943 0.2972 0.3473 0.2695 0.0463 0.2299 0.1610 0.2123	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586 0.6545 0.6233	0.6962 0.6504 0.6504 0.6499 0.6000 0.6394 0.5762 0.5429	2 0.850° 4 0.820° 9 0.928° 9 0.851° 4 0.925° 2 0.822° 9 0.797°	7 00 5 00 6 0 4 0 9 0 3 0 6 0 8 0	.0036 .0056 .0042 .0033 .0063 .0028 .0041	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913 0.1649 0.2439	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679 0.1436 0.1548	0.217 0.150 0.327 0.073 0.504 0.014 0.306 0.139	0 0. 7 0. 8 0. 6 0. 2 0. 8 0. 6 0. 9 0.	.3676 .4232 .2813 .4441 .4842 .3386 .5577 .6058	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009 0.1405 0.0385		159 0159 0196 0233 0124 0193 0095 0101 0136	138 124 106 113 103 95 111 94	2 0 8 3 11 19 16	sop: op: op: op: op: op: op: op: op: op:	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796 0.8346 0.8393	0.0270 0.0153 0.0000 0.0635 0.0280 0.1019 0.1429 0.1429	0.04 0.03 0.03 0.00	405 382 275 397 093 185 226 179
3 4 5 6 7 8 9	0.0000 0.6093 0.6583 0.5641 0.6840 0.6919 0.5210 0.6749 0.7005	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164 0.5308 0.6762 0.7701	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529 0.2857 0.4500 0.1538	0.00 0.38 0.20 0.33 0.22 0.01 0.18 0.10	000 (832 (656 (155 (813 (003 (226 (0.3943 0.2972 0.3473 0.2695 0.0463 0.2299 0.1610 0.2123 0.2239	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586 0.6545 0.6233 0.5869	0.6962 0.6504 0.6504 0.6499 0.6394 0.6394 0.5376 0.5429 0.5357	2 0.850° 4 0.820° 9 0.928° 9 0.851° 4 0.925° 2 0.822° 9 0.797° 7 0.695°	7 00 5 00 6 0 4 0 9 0 3 0 6 0 8 0 7 0	.0036 .0056 .0042 .0033 .0063 .0028 .0041 .0055	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913 0.1649 0.2439 0.1625	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679 0.1436 0.1548 0.1422	0.217 0.150 0.327 0.073 0.504 0.306 0.139 0.160	0 0. 7 0. 8 0. 6 0. 2 0. 8 0. 6 0. 9 0.	.3676 .4232 .2813 .4441 .4842 .3386 .5577 .6058 .7008	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009 0.1405 0.0385 0.1479		159 0159 0196 0233 0124 0193 0095 0101 0136 0128	138 124 106 113 103 95 111 94	2 0 8 3 11 19 16 20	sop.e.oo.e.ode.core.devs	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796 0.8346 0.8393 0.8108	0.0270 0.0153 0.0000 0.0635 0.0280 0.1019 0.1429 0.1429 0.1802	0.04 0.03 0.03 0.02 0.03 0.00 0.01 0.02 0.03 0.03	405 382 275 397 093 185 226 179
3 4 5 6 7 8 9	0.0000 0.6093 0.6583 0.5641 0.6840 0.6919 0.5210 0.6749 0.7005 0.8851	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164 0.5308 0.6762 0.7701 0.9932	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529 0.2857 0.4500 0.1538 0.3182	0.00 0.38 0.20 0.33 0.22 0.01 0.18 0.10 0.11	000 (08832 (0656 (0666 (shops and shops are shops are shops as a shops are shops as a shops are shop	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586 0.6545 0.6233 0.5869 0.7137	0.6962 0.6504 0.6504 0.6394 0.6000 0.6394 0.5357 0.5214	2 0.850° 4 0.820° 9 0.928° 9 0.898° 1 0.925° 2 0.822° 9 0.797° 7 0.695° 1 0.811°	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0036 .0036 .0056 .0042 .0033 .0063 .0028 .0041 .0055 .0056	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913 0.1649 0.2439 0.1625 0.1877	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679 0.1436 0.1548 0.1422 0.1071	0.217 0.150 0.327 0.073 0.504 0.014 0.306 0.139 0.160 0.173	0 0. 7 0. 8 0. 6 0. 8 0. 9 0. 8 0. 9 0.	.3676 .4232 .2813 .4441 .4842 .3386 .5577 .6058 .7008	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009 0.1405 0.0385 0.1479		159 0159 0196 0233 0124 0193 0095 0101 0136 0128 0131	138 124 106 113 103 95 111 94 90 55	20 8 3 11 19 16 20 22	some some some some some some some some	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796 0.8346 0.8393 0.8108 0.7051	0.0270 0.0153 0.0000 0.0635 0.0280 0.1019 0.1429 0.1429 0.1802 0.2821	0 0.04 0 0.03 0 0.02 0 0.00 0 0.01 0 0.02 0 0.01 0 0.02 0 0.03	405 382 275 397 093 185 226 179 090 128
3 4 5 6 7 8 9	0.0000 0.6093 0.6583 0.5641 0.6840 0.6919 0.5210 0.6749 0.7005	0.0000 0.6007 0.6471 0.5815 0.6486 0.7164 0.5308 0.6762 0.7701	0.0000 0.5882 0.8000 0.0000 1.2941 0.3529 0.2857 0.4500 0.1538	0.00 0.38 0.20 0.33 0.22 0.01 0.18 0.10	000 (2883 (200 (2883 (200 (2883 (200 (2883 (200 (2883	0.3943 0.2972 0.3473 0.2695 0.0463 0.2299 0.1610 0.2123 0.2239	0.7181 0.6700 0.7588 0.7216 0.6228 0.7586 0.6545 0.6233 0.5869	0.6962 0.6504 0.6504 0.6499 0.6394 0.5762 0.5357 0.5214 0.4565	2 0.850° 4 0.820° 9 0.928° 9 0.898° 1 0.925° 2 0.822° 9 0.797° 7 0.695° 4 0.811° 5 0.793°	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0036 .0036 .0056 .0042 .0033 .0063 .0028 .0041 .0055 .0056 .0051	0.2189 0.1974 0.2395 0.0790 0.1470 0.0913 0.1649 0.2439 0.1625	0.2379 0.2431 0.3625 0.1684 0.1771 0.1679 0.1436 0.1548 0.1422	0.217 0.150 0.327 0.073 0.504 0.306 0.139 0.160	0 0. 7 0. 8 0. 6 0. 9 0. 9 0.	.3676 .4232 .2813 .4441 .4842 .3386 .5577 .6058 .7008	0.0414 0.0170 -0.4281 0.0102 0.2311 0.0009 0.1405 0.0385 0.1479		159 0159 0196 0233 0124 0193 0095 0101 0136 0128	138 124 106 113 103 95 111 94	2 0 8 3 11 19 16 20	some some some some some some some some	0.9324 0.9466 0.9725 0.8968 0.9626 0.8796 0.8346 0.8393 0.8108	0.0270 0.0153 0.0000 0.0635 0.0280 0.1019 0.1429 0.1429 0.1802	0 0.04 0 0.03 0 0.02 0 0.03 0 0.03 0 0.01 0 0.01 0 0.01 0 0.01	128 127 128 127 128 127 128 127

					\mathbf{C}	omm	unity	$\sim sm$	ells:	Pear	rson's	s co	rrela	tion	(No	de.js	;)							
	devs	ml.only.devs	code.only.devs	m].code.devs	rc.ml.	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.silo	-0.72	-0.86	0.67	-0.65	-0.92	0.92	-0.55	0.87	0.96	0.11	-0.18	-	-0.76	-0.86	0.94	-	-	-0.65	-	1.00	-0.59	-0.38	0.03	-0.28
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.90	0.90	-0.41	0.81	0.60	-0.61	0.54	-0.42	-0.57	0.29	0.58	-	0.64	0.72	-0.66	-0.65	-	-	-	-0.64	0.92	0.44	-0.55	-0.18
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-
missing.links	-0.70	-0.85	0.67	-0.62	-0.92	0.92	-0.53	0.88	0.96	0.12	-0.16	-	-0.75	-0.85	0.94	1.00	-	-0.64	-	-	-0.58	-0.38	0.02	-0.29
		core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters	ratio.smelly.devs	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr			mear.mod	gens		mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	-
	g.silo	0.39	0.70	-0.41	-0.34	0.23	-0.01 -	-0.85	-0.51	-0.07	-0.12	-0.62	0.15	0.80	0.68	-0.5	1 -	0.87	0.94	-0.48	-0.97	0.97	-0.29	
prima.do	nnas	_	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	

0.29

-0.50 -0.08 -0.12 -0.61

 $0.78 \quad -0.28 \quad -0.81 \quad -0.71$

0.79

0.13

0.47

 $0.67 \quad -0.52 \quad -0.86$

0.70 -0.74

0.82

0.93 - 0.45 - 0.97

0.63 - 0.68

0.75

0.96 -0.26

radio.silence -0.31 -0.47

0.37

black.cloud missing.links 0.06

 $0.68 \quad -0.43 \quad -0.32 \quad 0.25$

 $0.50 \quad 0.54$

0.52

0.89

0.00 - 0.84

0.57 -0.27

Community smells: Pearson's correlation - p-values (Node.js)

				0111.		5	111011	~ -	car s.		COLL		01011	1-	'aia	(40.j	~ /					
	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.silo	0.01	0.00	0.02	0.02	0.00	0.00	0.06	0.00	0.00	0.74	0.58	-	0.00	0.00	0.00	-	-	0.02	-	0.00	0.04	0.22	0.94	0.40
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.00	0.00	0.19	0.00	0.04	0.03	0.07	0.18	0.05	0.36	0.05	-	0.03	0.01	0.02	0.02	-	-	-	0.03	0.00	0.16	0.08	0.59
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.01	0.00	0.02	0.03	0.00	0.00	0.08	0.00	0.00	0.70	0.63	-	0.01	0.00	0.00	0.00	-	0.03	_		0.05	0.22	0.96	0.38
		core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters	ratio.smelly.devs	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree centr	global.			code.mod		mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	
	g.silo	0.24	0.02	0.21	0.31	0.46	0.98	0.00	0.09	0.83	0.71	0.03	0.65	0.00	0.0	2 - 0.09	9 (.00	0.00	0.12	0.00	0.00	0.37	
prima.do		-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-	
radio.si		0.35	0.14	0.86	0.12	0.07	0.08	0.00	0.05	0.40	0.37	0.00	0.38	0.00	0.0	1 0.13	2 (.01	0.01	0.00	0.03	0.02	0.00	
black.o		- 0.00	- 0.00	0.10	- 0.04	- 0.49	- 0.00	-	- 0.10	- 0.01	- 0.71	0.09			-	-	-	-	-	- 0.14	-	- 0.00	- 0.40	
missing.	.links	0.26	0.02	0.18	0.34	0.43	0.99	0.00	0.10	0.81	0.71	0.0	3 0.68	0.00	0.0	2 0.08	s c	.00	0.00	0.14	0.00	0.00	0.42	

					\mathbf{Co}	mm	unity	sme	lls: S	Spea	rman	's c	orrela	ation	(N	ode.j	\mathbf{s})							
	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	Sor	ratio.sponsored.core		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.silo	-0.73	-0.82	0.75	-0.68	-0.92	0.90	-0.37	0.92	0.97	7 0.21	-0.01	-	-0.50	-0.73	0.98	-	-	-0.76	-	0.99	-0.70	-0.40	0.05	-0.35
prima.donnas	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.94	0.93	-0.49	0.92	0.70	-0.74	0.55	-0.58	-0.68	0.09	0.31	-	0.74	0.84	-0.75	-0.76	-	-	-	-0.71	0.90	0.27	-0.33	0.10
black.cloud	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	-0.69	-0.79	0.76	-0.65	-0.91	0.89	-0.39	0.92	0.96	0.21	-0.01	-	-0.48	-0.73	0.97	0.99	-	-0.71	-	-	-0.63	-0.39	-0.04	-0.38
		core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters	ratio.smelly.devs	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr		mail.r	code.mod			mail.only.core.devs	code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	-
	g.silo	0.29	0.60	-0.38	-0.44	0.04	-0.09	-0.89	-0.71	-0.22	-0.20	-0.80	0.07	0.83	0.62	-0.52	-0.	.73 (0.95	-0.41	-0.97	0.95	-0.22	
prima.do		- 0.41	- 0.00	- 0.00	- 0.49	- 0.00	- 0.20	- 0.00	0.50	- 0.07	- 0.20	0.00	- 0.49	0.05	0.01	0.00		- 04 (-	- 70	- 0.74	- 0.04	- 0.62	
radio.si	ience	-0.41	-0.69	0.02	0.43	0.28	0.30	0.93	0.58	-0.07	0.36	0.66	-0.43	-0.85	-0.81	0.33	0.	.84 -0	0.79	0.79	0.74	-0.84	0.63	

0.05

0.79

 $0.56 \quad -0.50 \quad -0.73$

 $0.94 \quad -0.37 \quad -0.96$

0.93 -0.18

black.cloud

missing.links 0.27 0.59 -0.39 -0.43 0.10 -0.02 -0.85 -0.69 -0.26 -0.15 -0.78

	Community smells: Spearman's correlation - p-values (Node.js)																							
	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.silo	0.01	0.00	0.01	0.01	0.00	0.00	0.23	0.00	0.00	0.52	0.97	-	0.10	0.01	0.00	-	-	0.00	-	0.00	0.01	0.20	0.90	0.30
prima.donnas	0.00	- 0.00	0.11	- 0.00	- 0.01	0.01	0.06	- 0.05	0.00	0.70	- 0.22	-	- 0.01	- 0.00	0.01	0.00	-	-	-	- 0.01	- 0.00	- 0.20	- 0.20	- 77
radio.silence black.cloud	0.00	0.00	0.11	0.00	0.01	0.01	0.06	0.05	0.02	0.78	0.33	-	0.01	0.00	0.01	0.00	-	-	-	0.01	0.00	0.39	0.32	0.77
missing.links	0.02	0.00	0.01	0.02	0.00	0.00	0.21	0.00	0.00	0.52	0.97	_	0.12	0.01	0.00	0.00	_	0.01	_	_	0.03	0.21	0.92	0.25
		core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters	ratio.smelly.devs	global.truck	mail.truck	code.truck	closeness.centr	betweenness.centr	degree.centr			'		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	
	g.silo	0.39	0.06	0.25	0.18	0.90	0.78	0.00	0.01	0.50	0.54	0.00	0.83	0.00	0.0	3 0.	09	0.01	0.00	0.19	0.00	0.00	0.48	
prima.de	onnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

radio.silence 0.20 0.02

black.cloud

0.95

0.19

missing.links 0.42 0.06 0.24 0.19 0.75 0.96 0.00 0.02 0.42 0.65

0.37

0.35

0.00

0.05

0.83

0.25

0.02

0.17

0.00

0.30

0.00

 $0.00 \quad 0.89 \quad 0.00 \quad 0.06 \quad 0.10 \quad 0.01 \quad 0.00 \quad 0.24 \quad 0.00 \quad 0.00 \quad 0.57$

0.00

0.00

 $0.01 \quad 0.00 \quad 0.03$