Socio-technical analysis result (Okular)

	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.dev	ratio.sponsored.cor	num.tz	core.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	et conamiance	st.congruence	communicability	global.turnover	code.turnover
1	2013-0	6 - 2013-0	08 88	80	2	6	0.9091	0.0227	0.0682	0	0.0000	0	0.0000	1	36	36	3	4	0	41	0	7	0.222	22	0.5694	0.0000	0.0000
2	2013-0	8 - 2013-		109	3	11	0.8862	0.0244	0.0894	1	0.0081	. 0	0.0000	1	53	53	0	0	0	39	1	0	1.000	0	1.0000	0.5592	0.2727
3	2013-1	1 - 2014-0	03 122	101	8	13	0.8279	0.0656	0.1066	2	0.0164	0	0.0000	1	52	52	7	9	0	44	0	18	0.217	4	0.7826	0.7755	0.2286
4	2014-0	3 - 2014-0		105	3	7	0.9130	0.0261	0.0609	0	0.0000	0	0.0000	1	50	49	3	2	0	63	3	2	0.500	0	0.8250	0.7595	0.8387
5	2014-0	5 - 2014-0	08 121	112	3	6	0.9256	0.0248	0.0496	1	0.0083	0	0.0000	1	52	52	2	0	0	44	3	1	0.666	7	0.8519	0.6610	0.4211
6		8 - 2014-		77	3	4	0.9167	0.0357	0.0476	1	0.0119		0.0000	1	37	37	1	0	0	14	2	0	1.000	00	1.0000	0.9854	0.6250
7	2014-1	1 - 2015-0	02 104	100	1	3	0.9615	0.0096	0.0288	1	0.0096	1	0.2500	1	47	47	2	0	0	31	0	0	1.000	0	1.0000	0.7447	0.9091
8		2 - 2015-0		92	2		0.9293	0.0202	0.0505	0	0.0000		0.0000	1	45	45	1	0	0	25	0	0	1.000	0	1.0000	0.8670	0.1818
9		5 - 2015-0		51	2		0.8947	0.0351	0.0702	1	0.0175		0.0000	1	25	25	0	0	0	4	0	0	1.000	0	1.0000	1.0513	0.6154
10	2015-0	8 - 2015-	11 77	65	3	9	0.8442	0.0390	0.1169	0	0.0000		0.0000	1	35	35	2	1	0	39	0	2	0.500	0	0.8750	0.5821	0.1111
11		1 - 2016-0		51	1	2	0.9444	0.0185	0.0370	0	0.0000	0	0.0000	1	25	25	0	0	0	16	0	0	1.000	-	1.0000	0.9313	1.2000
_12	2016-0	2 - 2016-0	05 84	78	3	3	0.9286	0.0357	0.0357	0	0.0000	0	0.0000	1	33	33	1	0	0	0	0	0	1.000	0	1.0000	0.5362	0.2222
	10Ve	ver	ver	tter		S						centr.										levs	levs	$^{\rm N}$	core	core	re
	core.global.turnover	core.mail.turnover	core.code.turnover	ratio.smelly.quitters	•	m ratio.smelly.devs	global.truck	mail truck	code.truck		closeness.centr	betweenness.ce	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.	ratio.ml.code.core
1	0.0000	0.0000 COre	0.0000	0.0000	0.4	9884 ratio	0.5909	0.5814	0.6250	0.	ssenessolo 3158	0.8750	0.8336		reqola 3834	0.1	248		3491		0400	. squo:liem 34		2	6816°0 ratio.mail.only.0	0.0270 ratio.code.only.	0.0541
1 	0.0000 0.4270	0.0000 0.3820	0.0000 2.0000	0.0000	0.4	.igti. 4886 3171	0.5909 0.5691	0.5814 0.5583	0.6250 1.0000	0.	3158 .0384	petweenness 0.8750 0.7313	0.8336 0.7557	0.	7834 2728	0.2	248 728	0.	3491 0000	0.0)400)312	. squo:liem 34 53	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$		0.9189 1.0000	0.0270 0.0000	0.0541 0.0000
1 2 3	0.0000 0.4270 0.7048	0.0000 0.3820 0.7429	0.0000 2.0000 0.0000	0.0000 0.4915 0.3158	0.4 5 0.5 8 0.4	4886 3171 4180	0.5909 0.5691 0.5738	0.5814 0.5583 0.5439	0.6250 1.0000 0.6667	0.0	3158 .0384 .0335	0.8750 0.7313 0.8120	0.8336 0.7557 0.8163	0. 0.	7eqo ₁₅₀ 3834 2728 2533	$0.2 \\ 0.1$	248 728 430	0. 0.	3491 0000 1296	0.0	0400 0312 0267	.xino.liam 34 53 48	$\frac{1}{1}$ code.only.	2 0 4	0.9189 1.0000 0.8727	0.0270 0.0000 0.0545	0.0541 0.0000 0.0727
_	0.0000 0.4270 0.7048 0.6471	0.0000 0.3820 0.7429 0.6337	0.0000 2.0000 0.0000 1.0000	0.0000 0.4915 0.3158 0.3333	0 0.4 5 0.5 8 0.4 8 0.5		0.5909 0.5691 0.5738 0.5652	0.5814 0.5583 0.5439 0.5625	0.6250 1.0000 0.6667 0.7000	0. 0. 0.	3158 .0384 .0335 .1071	0.8750 0.7313 0.8120 0.8855	0.8336 0.7557 0.8163 0.8576	0. 0. 0.	3834 2728 2533 0775	$0.2 \\ 0.1 \\ 0.0$	248 728 430 799	0. 0. 0.	3491 0000 1296 0009	0.0 0.0 0.0	0400 0312 0267 0284	in Signature in Si	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2	0.9189 1.0000 0.8727 0.9400	0.0270 0.0000 0.0545 0.0200	0.0541 0.0000 0.0727 0.0400
_	0.0000 0.4270 0.7048 0.6471 0.5882	0.0000 0.3820 0.7429 0.6337 0.5743	0.0000 2.0000 0.0000 1.0000 0.8000	0.0000 0.4915 0.3158 0.3333 0.5769	0 0.4 6 0.5 8 0.4 8 0.5 0 0.5	4886 3171 4180 5739 3719	0.5909 0.5691 0.5738 0.5652 0.5702	0.5814 0.5583 0.5439 0.5625 0.5593	0.6250 1.0000 0.6667 0.7000 0.7778	0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296	0.8750 0.7313 0.8120 0.8855 0.7589	0.8336 0.7557 0.8163 0.8576 0.7992	0. 0. 0.	Teqolo 3834 2728 2533 0775 1297	0.2 0.1 0.0 0.1	248 728 430 799 581	0. 0. 0. -0.	3491 0000 1296 0009 3544	0.0 0.0 0.0	0400 0312 0267 0284 0258	in Signature in Si	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4	0.9189 1.0000 0.8727 0.9400 0.9615	0.0270 0.0000 0.0545 0.0200 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385
3	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663	0 0.4 6 0.3 8 0.4 8 0.5 9 0.3 8 0.5	9 1667	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571	0. 0. 0. 0. 0.	.3158 .0384 .0335 .1071 .0296 .1099	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944	0. 0. 0. 0.	780 September 18 S	0.2 0.1 0.0 0.1 0.1	248 728 430 799 581 640	0. 0. 0. -0.	3491 0000 1296 0009 3544 5000	0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333	in i	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730	0.0270 0.0000 0.0545 0.0200 0.0000 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270
3	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764 0.6667	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764 0.6667	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667 0.0000	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663 0.1714	0 0.4 6 0.3 8 0.4 8 0.5 9 0.3 8 0.1	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595 0.5481	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432 0.5437	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571 0.5000	0. 0. 0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296 .1099 .0351	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961 0.7500	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944 0.7470	0. 0. 0. 0. 0.	780 September 18 S	0.2 0.1 0.0 0.1 0.1 0.2	248 728 430 799 581 640 019	0. 0. 0. -0. -0.	3491 0000 1296 0009 3544 5000 4136	0.0 0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333 0297	in i	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730 0.9583	0.0270 0.0000 0.0545 0.0200 0.0000 0.0000 0.0208	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270 0.0208
3	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764 0.6667 0.7826	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764 0.6667 0.7826	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667 0.0000 0.6667	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663 0.1714 0.2955	0.2 0.2 0.2 0.2 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4886 3171 4180 5739 3719 1667 2981 2525	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595 0.5481 0.5455	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432 0.5437 0.5361	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571 0.5000 0.8571	0. 0. 0. 0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296 .1099 .0351 .0290	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961 0.7500 0.7714	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944 0.7470 0.8038	0. 0. 0. 0. 0.	Teqolo 3834 2728 2533 0775 1297 1635 1965 3196	0.2 0.1 0.0 0.1 0.1 0.2 0.3	248 728 430 799 581 640 019 377	0. 0. -0. -0. -0.	3491 0000 1296 0009 3544 5000 4136 5000	0.0 0.0 0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333 0297	% in	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2 2 1 1	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730 0.9583 0.9778	0.0270 0.0000 0.0545 0.0200 0.0000 0.0000 0.0208 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270 0.0208 0.0222
3 4 5 6 7 8 9	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764 0.6667 0.7826 1.0286	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764 0.6667 0.7826 1.0286	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667 0.0000 0.6667 2.0000	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663 0.1714 0.2955 0.2439	0.23 0.23 0.23 0.24 0.23 0.24 0.25 0.25 0.20	4886 3171 4180 5739 3719 1667 2981 2525 0702	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595 0.5481 0.5455 0.5614	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432 0.5437 0.5361 0.5455	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571 0.5000 0.8571 1.0000	0. 0. 0. 0. 0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296 .1099 .0351 .0290 .0833	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961 0.7500 0.7714 0.8282	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944 0.7470 0.8038 0.8465	0. 0. 0. 0. 0. 0.	3834 2728 2533 0775 1297 1635 1965 3196 1613	0.2 0.1 0.0 0.1 0.1 0.2 0.3	248 728 430 799 581 640 019 377 613	0. 0. -0. -0. -0.	3491 0000 1296 0009 3544 5000 4136 5000 0000	0.0 0.0 0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333 0297 0330	ino: liem 34 53 48 47 50 36 46 44 25	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2 2 1 1 1 0	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730 0.9583 0.9778 1.0000	0.0270 0.0000 0.0545 0.0200 0.0000 0.0000 0.0208 0.0000 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270 0.0208 0.0222 0.0000
3 4 5 6 7 8 9	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764 0.6667 0.7826 1.0286 0.5000	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764 0.6667 0.7826 1.0286 0.5000	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667 0.0000 0.6667 2.0000 0.0000	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663 0.1714 0.2955 0.2439 0.0513	0.4 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	4886 3171 4180 5739 3719 1667 2981 2525 0702 5325	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595 0.5481 0.5455 0.5614 0.5455	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432 0.5437 0.5361 0.5455	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571 0.5000 0.8571 1.0000 0.8333	0. 0. 0. 0. 0. 0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296 .1099 .0351 .0290 .0833 .0389	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961 0.7500 0.7714 0.8282 0.7583	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944 0.7470 0.8038 0.8465 0.7820	0. 0. 0. 0. 0. 0.	7800 3834 2728 2533 0775 1297 1635 1965 3196 1613 0796	0.2 0.1 0.0 0.1 0.1 0.2 0.3 0.1 0.0	248 728 430 799 581 640 019 377 613 945	0. 0. -0. -0. -0. -0.	3491 0000 1296 0009 3544 5000 4136 5000 0000 3309	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333 0297 0330 0464	%ino:[rem 34 53 48 47 50 36 46 44 25 33	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2 2 1 1 1 0 2	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730 0.9583 0.9778 1.0000 0.9429	0.0270 0.0000 0.0545 0.0200 0.0000 0.0208 0.0000 0.0000 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270 0.0208 0.0222 0.0000 0.0571
3 4 5 6 7 8 9	0.0000 0.4270 0.7048 0.6471 0.5882 0.8764 0.6667 0.7826 1.0286	0.0000 0.3820 0.7429 0.6337 0.5743 0.8764 0.6667 0.7826 1.0286	0.0000 2.0000 0.0000 1.0000 0.8000 0.6667 0.0000 0.6667 2.0000	0.0000 0.4915 0.3158 0.3333 0.5769 0.3663 0.1714 0.2955 0.2439	0.4 0.2 0.2 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4886 3171 4180 5739 3719 1667 2981 2525 0702	0.5909 0.5691 0.5738 0.5652 0.5702 0.5595 0.5481 0.5455 0.5614	0.5814 0.5583 0.5439 0.5625 0.5593 0.5432 0.5437 0.5361 0.5455	0.6250 1.0000 0.6667 0.7000 0.7778 0.8571 0.5000 0.8571 1.0000 0.8333 1.0000	0. 0. 0. 0. 0. 0. 0. 0.	3158 .0384 .0335 .1071 .0296 .1099 .0351 .0290 .0833 .0389 .1138	0.8750 0.7313 0.8120 0.8855 0.7589 0.8961 0.7500 0.7714 0.8282	0.8336 0.7557 0.8163 0.8576 0.7992 0.8944 0.7470 0.8038 0.8465	0. 0. 0. 0. 0. 0. 0.	3834 2728 2533 0775 1297 1635 1965 3196 1613	0.2 0.1 0.0 0.1 0.1 0.2 0.3	248 728 430 799 581 640 019 377 613 945 939	0. 00000. 0.	3491 0000 1296 0009 3544 5000 4136 5000 0000	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0400 0312 0267 0284 0258 0333 0297 0330	ino: liem 34 53 48 47 50 36 46 44 25	$\begin{array}{c c} 0 & \\ \hline & code.only. \end{array}$	2 0 4 2 2 1 1 1 0	0.9189 1.0000 0.8727 0.9400 0.9615 0.9730 0.9583 0.9778 1.0000	0.0270 0.0000 0.0545 0.0200 0.0000 0.0000 0.0208 0.0000 0.0000	0.0541 0.0000 0.0727 0.0400 0.0385 0.0270 0.0208 0.0222 0.0000

					(Comi	nunit	ty sn	nells:	Pea	rson	's c	corr	elat	ion (Oku	llar)						
	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	0.35	0.22	0.81	0.66	-0.65	0.70	0.54	0.44	0.25	-0.16	-0.16	-	0.30	0.30	0.93	-	-	0.44	-0.11	0.99	-0.82	-0.67	-0.03	-0.24
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.70	0.66	0.31	0.62	-0.31	0.01	0.42	0.07	-0.15	0.02	0.02	-	0.73	0.72		0.44	-	-	0.53	0.39	-0.69	-0.61	-0.35	-0.05
black.cloud	0.47	0.51	0.04	0.07	0.15	-0.14	-0.14	0.03	-0.02	-0.22	-0.22	-	0.46	0.45		-0.11	-	0.53	-	-0.15	-0.22	-0.39	-0.06	0.16
missing.links	0.35	0.22	0.84	0.67	-0.66	0.73	0.55	0.50	0.31	-0.15	-0.15	-	0.31	0.31	0.92	0.99	-	0.39	-0.15	-	-0.79	-0.63	-0.04	-0.28
		${ m core. global. turnover}$		core.mail.turnover	core.code.tu	ratio.smelly.quitters	global.truck		mail.truck				degree.centr	global.mod	mail.mod	code.mod	density	mail.only.core.devs	эроэ	ml.code.core.d	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core	
	$_{ m org.silo}$	-0.04	0.0	3 -0.3	35 -0.0	0.45	0.29	0.0°	7 -0.45	0.22	0.30	0.2	26	0.21	-0.39	0.45	-0.26	0.22	0.93	0.83	-0.90	0.92	0.74	
prima.c		-		-	-	-		-	-				-	-	-	-	-	-	-	-	-	-	-	
	silence	-0.50	-		-				-		0.32	0.3		0.27	-0.55	0.31	-0.54	0.68		0.59	-0.56	0.49	0.53	
black	c.cloud	-0.16	-0.2	0 0.	12 0.5	51 - 0.36	0.15	0.2	9 -0.13	0.31	0.43	0.5	50 -	0.51	-0.40	-0.01	-0.43	0.45	-0.09	0.17	-0.04	-0.08	0.13	

0.23

0.22

0.22

-0.34

0.42

-0.26 0.23

0.91

0.83 -0.88

0.90

0.74

missing.links -0.04

0.03

-0.37

-0.06

0.40

0.28

0.04 -0.42 0.15

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

					COII	ши	iii		.10. 1	Car		COL	1 (1	auic		P	iiuc	\mathcal{L}	Muic	· ,					
		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	ore mail deve		core.code.devs	org.silo prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org	g.silo	0.26	0.49	0.00	0.02	0.02	0.01	0.07	0.16	0.42	0.63	0.63	_	0.34	0.34	0.0			0.15	0.74	0.00	0.00	0.02	0.93	0.48
prima.doi		_	_	_	_	_	_	_	_	_	_	_	_	_	-	-	_		_	_	_	_	_	_	_
radio.sile	ence	0.01	0.02	0.32	0.03	0.33	0.96	0.18	0.82	0.63	0.96	0.96	-	0.01	0.01	0.0	5 0.	15 -	-	0.09	0.20	0.01	0.04	0.29	0.88
black.cl	loud	0.15	0.11	0.92	0.83	0.66	0.69	0.69	0.92	0.95	0.52	0.52	-	0.15	0.17	0.8	7 0.	74 -	0.09	-	0.67	0.53	0.23	0.87	0.64
missing.l	links	0.26	0.49	0.00	0.02	0.02	0.01	0.07	0.10	0.32	0.64	0.64	-	0.33	0.32	0.0	0 0.	00 -	0.20	0.67	-	0.00	0.03	0.91	0.40
			core.global.turnover		core.code.turnover	m ratio.smelly.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	
	О	rg.silo	0.91	0.93	0.29	0.79	0.15	0.36	0.82	0.14	0.49	0.35	0.	42 (0.50	0.22	0.14	0.42	0.49	0.00	0.00	0.00	0.00	0.01	
-	rima.d		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	
1	radio.s		0.12		0.68	0.71	0.00	0.85	0.99	0.11	0.68	0.31				0.06	0.33	0.07	0.01	0.12	0.04	0.06	0.10	0.08	
		cloud	0.63		0.72	0.11	0.28	0.66	0.38	0.72	0.35	0.19	0.			0.22	0.97	0.19	0.16	0.78	0.62	0.90	0.81	0.71	
r	missing	g.links	0.90	0.93	0.27	0.85	0.20	0.38	0.91	0.17	0.63	0.47	0.	50 (0.49	0.27	0.17	0.41	0.47	0.00	0.00	0.00	0.00	0.01	

Community smells: Spearman's correlation (Okular) sponsored.core.devsratio.sponsored.core perc.code.only.devs perc.ml.code.devs perc.ml.only.devs communicability code.only.devs core.mail.devs prima.donnas code.turnover ml.code.devs ml.only.devs radio.silence black.cloud ${\rm org. silo}$ org.silo 0.24 0.16 0.40 0.65 -0.62 0.40 0.59 -0.08 -0.14 -0.21 -0.21 0.19 0.19 0.82 0.68 0.04 0.93 -0.93 -0.89 -0.08 -0.22 prima.donnas 0.79radio.silence 0.680.710.380.74-0.38 0.04 0.440.12 -0.09 -0.04-0.040.700.700.740.680.49 -0.79-0.82-0.26-0.02 black.cloud 0.48 0.22-0.22 0.270.610.380.30-0.13-0.020.02 0.130.02-0.23-0.230.540.200.04 -0.34-0.100.540.49-0.240.22 missing.links 0.320.300.480.69-0.590.410.570.00-0.10-0.240.290.290.870.930.79-1.00-0.98-0.18-0.26core.global.turnover mail.only.core.devs code.only.core.devs core.mail.turnover ratio.ml.code.core ml.code.core.devs ratio.smelly.devs global.truck global.mod mail.mod density

0.75

0.57

-0.05

0.65

0.60

0.18

0.89

-0.20

-0.43

-0.21

-0.30

-0.20

-0.43

-0.21

-0.30

-0.33

-0.02

0.36

-0.31

-0.20

0.27

0.64

-0.02

0.77

0.92

0.36

0.82

0.34

0.24

0.31

0.39

0.17

0.20

0.46

0.21

-0.58

-0.56

-0.10

-0.63

0.27

0.08

0.21

0.16

0.40

0.19

0.30

0.32

0.27

0.45

0.34

-0.27

-0.48

-0.14

-0.68

-0.35

-0.82

0.55

0.52

0.08

0.49

-0.20

-0.69

-0.54

-0.35

0.16

0.70

0.57

0.28

0.74

0.60

-0.01

0.65

0.79

0.73

0.23

0.90

-0.85

-0.67

-0.12

-0.87

org.silo

prima.donnas

radio.silence

black.cloud

missing.links

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

				•	<i>-</i> 01111	пин	ity b.		3. DI	JCari	man	5 00	11(iaui	OII	P'	aiu	CD (OKu.	· · · ·					
		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	0.46	0.62	0.19	0.02	0.03	0.20	0.04	0.81	0.66	0.52	0.52	_	0.55	0.55	0.0			0.02	0.91	0.00	0.00	0.00	0.81	0.52
prima.don		-	-	-	-	-	-	-	-	-	-	-	_	-	-		-		-	-	-	-	-	-	-
radio.sile		0.01	0.01	0.22	0.01	0.22	0.91	0.16	0.72	0.78	0.89	0.89	-	0.01	0.01	0.0	1 0.	02 -	-	0.13	0.00	0.00	0.00	0.43	0.96
black.cle	oud	0.14	0.04	0.25	0.37	0.71	0.95	0.95	0.69	0.95	0.49	0.49	-	0.09	0.09	0.5	6 0.	91 -	0.13	-	0.52	0.52	0.31	0.78	0.42
missing.li	inks	0.31	0.34	0.12	0.01	0.04	0.19	0.05	1.00	0.76	0.44	0.44	-	0.35	0.35	0.0	0 0.	00 -	0.00	0.52	-	0.00	0.00	0.59	0.43
			$\operatorname{core.global.turnover}$			m ratio.smelly.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	
	О	rg.silo	0.56	0.56	0.32	0.56	0.00	0.29	0.61	0.05	0.39	0.20	0.	22 (0.93	0.00	0.06	0.54	0.62	0.01	0.00	0.00	0.01	0.00	
-		onnas	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	
		silence	0.19		0.94	0.42	0.00	0.46	0.54	0.06	0.81	0.55				0.01	0.08	0.01	0.01	0.04	0.01	0.02	0.05	0.04	
		.cloud	0.54		0.28	0.03	0.27	0.36	0.16	0.78	0.53	0.37				0.29	0.81	0.09	0.07	0.98	0.50	0.72	0.88	0.60	
m	nissing	g.links	0.37	0.37	0.35	0.95	0.00	0.21	0.52	0.03	0.61	0.30	0.	27 (0.65	0.00	0.10	0.27	0.38	0.02	0.00	0.00	0.02	0.00	