Socio-technical analysis result (gPhoto)

		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.global.devs	core.mail.devs	core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	100	Sionarican mover	code.turnover	
	1	2013-04 -	- 2013	B-07 49	48	1	0	0.9796	0.0204	0	0	0.0000	0	0	1	23	23	0	0	0	21	0	0	1	1	0.000	0.0	0000	
	2	2013-07 -	- 2013	38-10	37	1	0	0.9737	0.0263	0	0	0.0000	0	0	1	15	15	0	0	0	22	1	0	1	1	0.896	6 0.0	0000	
	3	2013-10 -	- 2014	l-01 27	26	1	0	0.9630	0.0370	0	0	0.0000	0	0	1	11	11	0	0	0	0	0	0	1	1	0.892	3 0.0	0000	
	4	2014-01 -	- 2014	1-04 42	40	2	0	0.9524	0.0476	0	0	0.0000	0	0	1	17	17	0	0	0	2	0	0	1	1	0.637	7 0.0	0000	
	5	2014-04 -	- 2014	L-07 36	34	2	0	0.9444	0.0556	0	0	0.0000	0	0	1	18	17	1	1	0	18	0	1	0	0	0.846	2 - 0.5	5000	
	6	2014-07 -	- 2014	l-09 31	29	2	0	0.9355	0.0645	0	1	0.0323	0	0	1	13	13	0	0	0	0	0	0	1	1	0.746	3 - 0.5	5000	
	7	2014-09 -	- 2014	l-12 31	30	1	0	0.9677	0.0323	0	0	0.0000	0	0	1	14	14	0	0	0	0	0	0	1	1	0.774	2 0.6	6667	
	8	2014-12 -	2015	5-03 34	33	1	0	0.9706	0.0294	0	0	0.0000	0	0	1	15	15	0	0	0	15	0	0	1	1	0.800	0.0	0000	
	9	2015-03 -	- 2015		28	1	0	0.9655	0.0345	0	0	0.0000	0	0	1	16	16	0	0	0	16	0	0	1	1	0.888	9 0.0	0000	
		2015-06 -			21	1	0	0.9545	0.0455	0	0	0.0000	0	0	1	8	8	0	0	0	0	0	0	1	1	0.980		0000	
		2015-08 -			40	1	0	0.9756	0.0244	0	0	0.0000	0	0	1	19	19	0	0	0	0	0	0	1	1	0.507		0000	
	12	2015-12 -	- 2016	5-03 38	37	1	0	0.9737	0.0263	0	0	0.0000	0	0	1	18	18	0	0	0	2	0	0	1	1_	0.911	4 0.0	0000	
	urnove	nover	nover	quitters		devs						្ន	centr										devs.	Apvs	ם. בים י	devs	only.core	nly.core	le.core
	core.global.turnover			${\rm ratio.smelly.quitters}$		ratio.smelly.devs		global.truck	mail.truck	code.truck		closeness.centr	betweenness.centr	dogress sont		global.mod		mail.mod		code mod		density	mail.only.core.devs		coac.omy.col	ml.code.core.devs	ratio.mail	ratio.code.only.core	ratio.ml.code.core
1	0.0000	0.0000	0	0.0000	0.428	$\frac{98}{100}$	0.530	0.520	08 1.00	00	0.116	0.852	20	0.844) (0.0537	7 0.	гд Ш 0537	0	0.0000	0	.0519	23	(0	$\frac{\text{m} \cdot \text{code}}{0 1.0}$	000 ratio.mail	0.0000	0
1 2	0.0000 1.0000	0.0000	0	$0.0000 \\ 0.4103$	0.428	88 89 ratio	0.530 0.605	0.520 63 0.594	08 1.00 46 1.00	00	0.116 0.317	3 0.852 7 0.850	20)3	0.844 0.789	0 (5 (0.0537 0.1438	0. 0.	0537 1438	0000	0.0000	0 0	.0519 .0754	23 15	(0	$ \begin{array}{c c} \hline $	000 ratio.mail	0.0000	0
1 2 3	0.0000 1.0000 0.8462	0.0000 1.0000 0.8462	0 0 0	0.0000 0.4103 0.6207	0.428 0.578 0.000	68 00 00	0.530 0.605 0.592	06 0.520 63 0.594 26 0.570	08 1.00 46 1.00 39 1.00	00 00 00	0.116 0.317 0.124	$ \begin{array}{ccc} 3 & 0.852 \\ 7 & 0.850 \\ 2 & 0.708 \end{array} $	20 03 86	0.844 0.789 0.767	0 (5 (8 (0.0537 0.1438 0.1924	7 0. 3 0. 4 0.	0537 1438 1924	0 0	0.0000	0 0 0	.0519 .0754 .1168	23 15 11	(0 0 0	0 1.0 0 1.0 0 1.0 0 1.0	000 ratio.mail	0.0000 0.0000 0.0000	0 0 0
1 2 3 4	0.0000 1.0000 0.8462 0.5714	0.0000 1.0000 0.8462 0.5714	0 0 0 0	0.0000 0.4103 0.6207 0.0000	0.428 0.578 0.000 0.049	86 89 00 76	0.530 0.605 0.592 0.595	06 0.520 63 0.594 26 0.576 62 0.578	08 1.00 46 1.00 59 1.00 50 1.00	00 00 00 00	0.116 0.317 0.124 0.178	3 0.852 7 0.850 2 0.708 5 0.868	20 03 86 89	0.844 0.789 0.767 0.861	0 (5 (8 (8 (0.0537 0.1438 0.1924 0.0885	7 0. 8 0. 4 0. 6 0.	0537 1438 1924 0885	0 0 0	0.0000 0.0000 0.0000 0.0000	0 0 0	.0519 .0754 .1168 .0650	23 15 11 17	(0 0 0	© 1.0 0 1.0 0 1.0 0 1.0 0 1.0	000 000 ratio.mail	0.0000 0.0000 0.0000 0.0000	0 0 0 0
1 2 3 4 5	0.0000 1.0000 0.8462 0.5714 0.7429	0.0000 1.0000 0 0.8462 0.5714 0 0.8235	0 0 0 0	0.0000 0.4103 0.6207 0.0000 0.0303	0.428 0.578 0.000 0.04' 0.558	66 89 00 76 56	0.530 0.605 0.592 0.595 0.500	06 0.520 03 0.594 06 0.570 02 0.570 00 0.500	08 1.00 46 1.00 39 1.00 50 1.00 00 0.50	00 00 00 00 00	0.116 0.317 0.124 0.178 0.091	3 0.852 7 0.850 2 0.708 5 0.868 4 0.759	20 03 86 89	0.844 0.789 0.767 0.861 0.817	0 (5 (8 (8 (5 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	0.0537 0.1438 0.1924 0.0885 0.5018	7 0. 8 0. 1 0. 6 0. 8 0.	0537 1438 1924 0885 0860	000000000000000000000000000000000000000	0.0000 0.0000 0.0000 0.0000 0.5000	0 0 0 0 0 0	.0519 .0754 .1168 .0650 .0683	23 15 11 17 17	(0 0 0	受ける。 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 0.9	000 000 000 000 000	0.0000 0.0000 0.0000 0.0000 0.0556	0 0 0 0 0
1 2 3 4 5 6	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667	0 0 0 0 0 0 2	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600	0.428 0.578 0.000 0.04' 0.558 0.000	86 89 00 76 56 00	0.530 0.605 0.592 0.595 0.500 0.580	06 0.520 63 0.594 26 0.570 62 0.575 00 0.500 06 0.555	08 1.00 46 1.00 59 1.00 50 1.00 00 0.50 17 1.00	00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183	3 0.852 7 0.856 2 0.708 5 0.868 4 0.759 3 0.836	20)3 86 89 95	0.844 0.789 0.767 0.861 0.817 0.847	0 0 5 0 8 0 8 0 5 0 3 0	0.0537 0.1438 0.1924 0.0885 0.5018	7 0. 8 0. 1 0. 6 0. 8 0.	0537 1438 1924 0885 0860 0446	000000000000000000000000000000000000000	0.0000 0.0000 0.0000 0.0000 0.5000 0.0000	0 0 0 0 0 0 0 0	.0519 .0754 .1168 .0650 .0683	23 15 11 17 17 13		0 0 0 0 0 1	0 1.0 0 1.0 0 1.0 0 1.0 0 0.9 0 1.0	000 000 000 000 000 000 000 000	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000	0 0 0 0 0
3 4 5 6 7	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387 0.8148	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667 0.8148	0 0 0 0 0 2	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600 0.0000	0.420 0.573 0.000 0.044 0.555 0.000	00 solution	0.530 0.605 0.592 0.595 0.500 0.580 0.548	06 0.526 63 0.594 66 0.576 62 0.576 60 0.500 66 0.555 64 0.533	08 1.00 46 1.00 59 1.00 50 1.00 00 0.50 17 1.00 33 1.00	00 00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183 0.330	3 0.852 7 0.850 2 0.708 5 0.868 4 0.759 3 0.836 5 0.868	20 33 36 39 95 56 36	0.844 0.789 0.767 0.861 0.817 0.847 0.843	0 0 5 0 8 0 8 0 5 0 0 0	0.0537 0.1438 0.1924 0.0885 0.5018 0.0446 0.0768	0.3 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0537 1438 1924 0885 0860 0446 0768	0 0 0 0 -0 0	0.0000 0.0000 0.0000 0.0000 0.5000 0.0000	0 0 0 0 0 0 0 0 0 0	.0519 .0754 .1168 .0650 .0683 .0860	23 15 11 17 17 13 14		0 0 0 0 0 1 0 0	ψου 1.0 0 1.0 0 1.0 0 1.0 0 0 1.0 0 0.9 0 1.0 0 1.	000 000 000 000 000 000 000 000 000 00	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000	0 0 0 0 0 0
3 4 5 6 7 8	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387 0.8148 0.6897	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667 3.0.8148 0.6897	0 0 0 0 0 2 0 0	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600 0.0000	0.423 0.573 0.000 0.044 0.555 0.000 0.000	00	0.530 0.605 0.592 0.595 0.500 0.580 0.548 0.558	06 0.520 053 0.594 06 0.570 052 0.573 00 0.500 06 0.553 08 0.544	08 1.00 46 1.00 59 1.00 50 1.00 00 0.50 17 1.00 33 1.00 55 1.00	00 00 00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183 0.330 0.334	3 0.852 7 0.856 2 0.708 5 0.868 4 0.759 3 0.836 5 0.868 1 0.903	20 03 86 89 05 66 86	0.844 0.789 0.767 0.861 0.817 0.847 0.843 0.861	0 0 5 0 8 0 8 0 3 0 0 0	0.0537 0.1438 0.1924 0.0885 0.5018 0.0446 0.0768	0.0 0.1 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7	0537 1438 1924 0885 0860 0446 0768 0888	0 0 0 0 -0 0	0.0000 0.0000 0.0000 0.0000 0.5000 0.0000 0.0000	0 0 0 0 0 0 0 0 0 0 0 0 0	.0519 .0754 .1168 .0650 .0683 .0860 .0903	23 15 11 17 17 13 14 15		0 0 0 0 1 0 0 0	0 1.0 0 1.0 0 1.0 0 1.0 0 0 1.0 0 0.9 0 1.0 0 1.0 0 1.0	000 000 000 000 000 000 000 000 000 00	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000 0.0000	0 0 0 0 0 0 0
3 4 5 6 7 8 9	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387 0.8148 0.6897 0.7097	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667 0.8148 0.6897 0.7097	0 0 0 0 0 2 0 0	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600 0.0000 0.0000 0.4643	0.420 0.573 0.000 0.044 0.555 0.000 0.444 0.55	oiper 86 88 900 76 56 00 00 12	0.530 0.605 0.592 0.595 0.500 0.580 0.548 0.558	06 0.520 053 0.594 06 0.576 02 0.576 00 0.500 06 0.553 08 0.544 03 0.428	08 1.00 46 1.00 59 1.00 50 1.00 00 0.50 17 1.00 33 1.00 55 1.00 86 1.00	00 00 00 00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183 0.330 0.334 0.126	3 0.852 7 0.856 2 0.708 5 0.868 4 0.759 3 0.836 5 0.868 1 0.903 4 0.788	20 03 36 39 05 36 36 33	0.844 0.789 0.767 0.861 0.817 0.847 0.843 0.861	0 0 5 0 8 0 8 0 3 0 0 0 4 0	0.0537 0.1438 0.1924 0.0885 0.5018 0.0446 0.0768 0.0888 0.0611	0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0537 1438 1924 0885 0860 0446 0768 0888 0611	000000000000000000000000000000000000000	0.0000 0.0000 0.0000 0.0000 0.5000 0.0000 0.0000 0.0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0519 .0754 .1168 .0650 .0683 .0860 .0903 .0784	23 15 11 17 17 13 14 15		0 0 0 0 1 0 0 0 0	0 1.0 0 1.0 0 1.0 0 1.0 0 0 1.0 0 0.9 0 1.0 0 1.0 0 1.0 0 1.0	000 000 000 000 000 000 000 000 000 00	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000 0.0000 0.0000	0 0 0 0 0 0 0 0
3 4 5 6 7 8 9	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387 0.8148 0.6897 0.7097 1.2500	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667 0.8148 0.6897 0.7097 1.2500	0 0 0 0 0 2 0 0	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600 0.0000 0.0000 0.4643 0.5600	0.420 0.573 0.000 0.044 0.555 0.000 0.444 0.555 0.000	oiter 86 86 89 00 76 56 00 00 12 17 00	0.530 0.605 0.592 0.595 0.500 0.580 0.548 0.558 0.448	06 0.520 053 0.594 06 0.576 02 0.576 00 0.500 06 0.553 084 0.533 084 084 084 084 085 085 085 085 085 085 085 085	08 1.00 46 1.00 39 1.00 50 1.00 00 0.50 17 1.00 33 1.00 55 1.00 86 1.00 90 1.00	00 00 00 00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183 0.330 0.334 0.126	3 0.852 7 0.856 2 0.708 5 0.868 4 0.759 3 0.836 5 0.868 1 0.903 4 0.788 4 0.66	20 03 36 386 389 05 66 36 33 57	0.844 0.789 0.767 0.861 0.817 0.847 0.843 0.861 0.821	0 0 5 0 8 0 8 0 9 0 9 0	0.0537 0.1438 0.1924 0.0885 0.5018 0.0446 0.0768 0.0888 0.0611	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0537 1438 1924 0885 0860 0446 0768 0888 0611 0471	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.5000 0.0000 0.0000 0.0000		.0519 .0754 .1168 .0650 .0683 .0860 .0903 .0784 .0714	23 15 11 17 17 13 14 15 16 8		0 0 0 0 1 0 0 0 0	ФООТИВ 0 1.0 0 1.0 0 1.0 0 1.0 0 0.9 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0	000 000 000 000 000 000 000 000 000 00	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000 0.0000 0.0000 0.0000	0 0 0 0 0 0 0 0
3 4 5 6 7 8 9	0.0000 1.0000 0.8462 0.5714 0.7429 0.8387 0.8148 0.6897 0.7097	0.0000 1.0000 0.8462 0.5714 0.8235 0.8667 0.8148 0.6897 0.7097 1.2500 0.4444	0 0 0 0 0 2 0 0	0.0000 0.4103 0.6207 0.0000 0.0303 0.5600 0.0000 0.0000 0.4643	0.420 0.573 0.000 0.044 0.555 0.000 0.444 0.55	oiter 86 86 89 00 76 56 00 00 12 17 00 00	0.530 0.605 0.592 0.595 0.500 0.580 0.548 0.558	06 0.526 053 0.594 06 0.576 02 0.578 00 0.500 06 0.553 084 0.548 083 0.428 064 0.619 066 0.528	08 1.00 46 1.00 39 1.00 50 1.00 00 0.50 17 1.00 33 1.00 55 1.00 86 1.00 90 1.00 50 1.00	00 00 00 00 00 00 00 00 00 00	0.116 0.317 0.124 0.178 0.091 0.183 0.330 0.334 0.126	3 0.852 7 0.856 2 0.708 5 0.868 4 0.759 3 0.836 5 0.868 1 0.903 4 0.788 4 0.666 8 0.938	20 03 36 389 05 36 36 33 57 15	0.844 0.789 0.767 0.861 0.817 0.847 0.843 0.861	0 0 5 0 8 0 8 0 5 0 0 0 0 0 4 0 9 0	0.0537 0.1438 0.1924 0.0885 0.5018 0.0446 0.0768 0.0888 0.0611	7 0. 8 0. 4 0. 6 0. 8 0. 8 0. 8 0. 9 0. 9 0. 9 0. 9 0.	0537 1438 1924 0885 0860 0446 0768 0888 0611		0.0000 0.0000 0.0000 0.0000 0.5000 0.0000 0.0000 0.0000		.0519 .0754 .1168 .0650 .0683 .0860 .0903 .0784	23 15 11 17 17 13 14 15		0 0 0 0 1 0 0 0 0 0 0	0 1.0 0 1.0 0 1.0 0 1.0 0 0 1.0 0 0.9 0 1.0 0 1.0 0 1.0 0 1.0	000 000 000 000 000 000 000 000 000 00	0.0000 0.0000 0.0000 0.0000 0.0556 0.0000 0.0000 0.0000	0 0 0 0 0 0 0 0

Community smells: Pearson's correlation (gPhoto)

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	devs	ml.only.devs	code.onlv.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	obro oboo dare	ole-silo	prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org.silo	0.05	0.02	0.52	2 -	-0.43	0.43	-	-0.09	-0.09	-	-	-	0.19	0.12	1.00) -		0.34	-0.10	1.00	-1.00	-1.00	0.09	0.44
prima.donnas	-	-	-		-	-	-	-	-	-	-	-	-	-	-			-	-	-	-			-
radio.silence	0.40	0.40	-0.09) -	0.29	-0.29	-	-0.27	-0.27	-	-	-	0.47	0.45	0.34		<u> </u>	-	0.57	0.34	-0.34	-0.34	0.31	-0.10
black.cloud	0.24				0.31	-0.31	-	-0.10	-0.10	-	-	-	0.01	0.02	-0.10			0.57	-	-0.10	0.10			-0.19
missing.links	0.05	0.02	0.52	2 -	-0.43	0.43	-	-0.09	-0.09	-	-	-	0.19	0.12	1.00	1.00) -	0.34	-0.10	-	-1.00	-1.00	0.09	0.44
		core. global. turn over	core.mail.turnover	core.code.turnover		ratio.smelly.devs		giobal.ti uch	mail.truck	code.truck	closeness.centr		betweenness.centr	degree.centr	global.mod	mail.mod	code.mod			code.only.core.devs	ml.code.core.devs	ratio.mail.only.core	ratio.code.only.core	ratio.ml.code.core
org.		-0.09	0.02	-0.10	-0.25	0.40	-0.3	4 -0.	25 -1.0	00	-0.38	-0.	26	-0.08	0.90	-0.07	-1.00	-0.16	0.12	1.00	-	-1.00	1.00	-
prima.don		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.sile		-0.01	0.03	-0.26	-0.04	0.97	-0.3				-0.16			-0.08	0.26	-0.13	-0.34	-0.47	0.45	0.34	-	-0.34	0.34	-
black.cl		0.30	0.29	-0.10	0.20	0.47	0.3				0.29			-0.25	0.01	0.24	0.10	-0.11	0.02	-0.10	-	0.10	-0.10	-
missing.li	nks	-0.09	0.02	-0.10	-0.25	0.40	-0.3	4 -0.	25 -1. ₀	JU	-0.38	-0.	26	-0.08	0.90	-0.07	-1.00	-0.16	0.12	1.00	-	-1.00	1.00	_

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

σ g g																										
	devs	m 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 days		core.code.devs	org.silo	prima.donnas	radio.silence	black.cloud	missing.links	to common to the	st.congruence	communicability	global.turnover	code.turnover
org.silo	0.88	0.96	0.08	-	0.16	0.16	- ().78 ().78	-	_	-	0.55	0.71	0.0	00	_	-	0.29	0.77	0.00	0.0	0 0.	00	0.78	0.18
prima.donnas	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	_
radio.silence	0.20	0.19	0.79	-	0.37	0.37	- (0.40	0.40	-	-	-	0.12	0.14	0.2	29 0	.29	-	-	0.07	0.29	0.2	9 0.	29	0.36	0.77
black.cloud	0.48	0.44	0.57	-	0.36	0.36	- ().77 (0.77	-	-	-	0.98	0.96	0.7	77 0	.77	-	0.07	-	0.77	0.7	7 0.	77	0.52	0.57
missing.links	0.88	0.96	0.08	-	0.16	0.16	- ().78 ().78	-	-	-	0.55	0.71	0.0	0 0	.00	-	0.29	0.77	-	0.0	0 0.	00	0.78	0.18
		core.global.turnover	core.mail.turnover	core.code.turnover		ratio.smelly.devs	global.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		_
	g.silo	0.79	0.96	0.77	0.45	0.19	0.28	0.42	2 0.0	00 (0.22	0.4	42 0	0.80	0.00	0.82	0.0	0	0.62	0.71	0.00	-	-	0.00	-	
prima.do		-	-	_	_	-	-			-	_		-	-	_	-	_	-	_		-	-	_		-	
radio.si		0.98	0.93	0.45		0.00	0.22				0.62	0.8			0.42	0.68			0.12	0.14	0.29		0.29	0.29		
black.o		0.36	0.39	0.77			0.37				0.38	0.8			0.98	0.48			0.75	0.96	0.77	-	0.77	0.77		
$_{ m missing}$.	ıınks	0.79	0.96	0.77	0.45	0.19	0.28	0.42	2 0.0	JU (0.22	0.4	42 0	0.80	0.00	0.82	0.0	U	0.62	0.71	0.00	-	-	0.00	-	_

Community smells: Spearman's correlation (gPhoto)

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prima.domas		devs	ml.only.devs	code.onlv.devs	ml.code.devs	perc.ml.only.devs	code	perc.ml.code.devs	sponsored.devs	ratio.sponsored	sponsored.core.devs	ratio.sponsored.core	num.tz	core.global.devs	7	согелиан.чеуѕ	core.code.devs	org.silo		black.cloud	missing.links	st. conomience	omminiooliitu	global.turnover	code.turnover
radio.silence 0.47 0.46 0.00 - 0.31 0.31 0.31 0.32 0.32 0.32 0.32 0.32 0.32 0.32 0.32	org.silo (0.04	0.04	0.52		-0.39	0.39	-	-0.09	-0.09	-	-	-	0.26	0.18	8 1.	00	-	- 0.32	-0.10	1.00	-1.00	-1.0	0.00	0.45
black.cloud 0.25 0.25 -0.19 0.35 -0.35 -0.35 0.39 0.39 0.39 0.09 0.09 0.09 0.09 0.09	prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-	-		-		-
missing.links 0.04 0.04 0.52 - 0.39 0.39 0.39 0.09 0.09 0.09 0.09 0.09 0.26 0.18 1.00 1.00 0.32 0.10 0.32 0.10 0.100 0.100 0.00 0.45 0	radio.silence (0.47	0.46	0.00	-	0.31	-0.31	-	-0.32	-0.32	-	-	-	0.51	0.48	8 0.	32 0	.32		0.53	0.32	-0.32	2 -0.3	0.24	-0.18
Station Stat	black.cloud (0.25	0.25	-0.19	-	0.35	-0.35	-	-0.10	-0.10	-	-	-	-0.05	-0.0	5 -0.	10 -0	.10	- 0.53	-	-0.10	0.10	0.1	0.30	-0.19
Tright T	missing.links (0.04	0.04	0.52	-	-0.39	0.39	-	-0.09	-0.09	-	-	-	0.26	0.18	8 1.	00 1	.00	- 0.32	-0.10	-	-1.00	-1.0	0.00	0.45
prima.donnas				core.mail.turno		ratio.smelly	ratio.smelly				code.	_		_		global.	mail				code.only.core.de	ml.code.core.devs			m.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			-0.10	0.00	-0.10	0.00	0.41	-0.	39 -0	.39 -	1.00	-0.48	-(0.31	-0.22	0.48	-0.04	-1.0	0 -0.13	0.18	1.00	-	-1.00	1.00	-
black.cloud 0.40 0.40 -0.10 0.11 0.52 0.40 0.40 0.10 0.10 0.00 -0.30 0.20 0.30 0.10 0.00 -0.05 -0.10 - 0.10 -0.10 - 0.1	•		-	-	-	-	-		-	-	-	-		-	-	-	-			-	-	-	-	-	-
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	missing.lin	ıks	-0.10	0.00	-0.10	0.00	0.41	-0.	39 -0	.39 -	1.00	-0.48	-(0.31	-0.22	0.48	-0.04	-1.0	0 -0.13	0.18	1.00	-	-1.00	1.00	

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

			C_{0}	TITI	um,	у 5111	ens.	phe	ai iii	an s	CO	1161	autoi	п – ŀ	J- va.	lues	(gr	1106	σ_j				
	devs	m 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.sno prima.donnas	radio.silence	black.cloud	missing.links	st.congruence	communicability	global.turnover	code.turnover
org.sile	0.89	0.89	0.08	-	0.21	0.21	- 0	.78 0.	78 -	-	-	0.41	0.59	0.00)		0.31	0.77	0.00	0.00	0.00	1.00	0.17
prima.donnas		-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	-	-			
radio.silence	0.12	0.13	1.00	-	0.33	0.33	- 0	.31 0.	31 -	-	-	0.09	0.11	0.31	0.3	1 -	-	0.10	0.31	0.31	0.31	0.48	0.60
black.cloud	0.46	0.46	0.57	-	0.29	0.29	- 0	.77 0.	77 -	-	-	0.88	0.88	0.77	0.7'	7 -	0.10	-	0.77	0.77	0.77	7 - 0.37	0.57
missing.links	0.89	0.89	0.08	-	0.21	0.21	- 0	.78 0.	78 -	-	-	0.41	0.59	0.00	0.00	0 -	0.31	0.77	-	0.00	0.00	1.00	0.17
		core.global.turnover	core.mail.turnover	core.code.turnover		ratio.smelly.devs	global.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
	org.silo	0.77	1.00	0.77	1.00	0.19	0.21	0.21	0.00	0.11	0.	.33 0	0.50 ().11	0.89	0.00	0.68	0.59	0.00	- (0.00	0.00	-
prima.		-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	silence	0.88	0.97	0.34		0.00	0.34	0.30	0.31	0.31						0.31	0.11	0.11	0.31			0.31	-
	cloud	0.22	0.22	0.77			0.22	0.22	0.77	0.77						0.77	1.00	0.88	0.77			0.77	-
missin	g.links	0.77	1.00	0.77	1.00	0.19	0.21	0.21	0.00	0.11	0.	.33 0	0.50 ().11	0.89	0.00	0.68	0.59	0.00	- (0.00	0.00	_