Socio-technical analysis result (AngularJS)

	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	global.turnover	code.turnover
1	2013-05 – 2013-08	949	820	105	24	0.8641	0.1106	0.0253	26	0.0274	2	0.0155	1	299	285	34	293	0	100	0	327	0.0061	0.7568	0.0000	0.0000
2	2013-08 – 2013-11	898	680	200	18	0.7572	0.2227	0.0200	64	0.0713	4	0.0183	1	311	278	45	384	0	96	0	395	0.0000	0.8019	0.8284	0.6052
3	2013-11 – 2014-02	787	596	174	17	0.7573	0.2211	0.0216	35	0.0445	8	0.0419	1	266	244	49	359	0	64	0	364	0.0027	0.7568	0.8677	0.9144
4	2014-02 – 2014-05	821	605	210	6	0.7369	0.2558	0.0073	42	0.0512	5	0.0231	1	286	260	41	275	0	59	0	275	0.0000	0.8723	0.7873	0.7617
5	2014-05 – 2014-08	654	485	160	9	0.7416	0.2446	0.0138	47	0.0719	12	0.0710	1	219	226	45	441	0	59	0	450	0.0022	0.7963	0.9302	0.9714
6	2014-08 – 2014-11	661	466	190	5	0.7050	0.2874	0.0076	45	0.0681	4	0.0205	1	193	188	44	538	0	61	0	539	0.0000	0.7975	0.8304	0.7363
7	2014-11 – 2015-02	515	365	142	8	0.7087	0.2757	0.0155	43	0.0835	10	0.0667	1	178	156	34	217	0	45	0	221	0.0045	0.8491	0.9524	0.9391
8	2015-02 – 2015-05	468	369	95	4	0.7885	0.2030	0.0085	23	0.0491	6	0.0606	1	188	166	27	141	0	24	0	142	0.0000	0.8047	0.8993	1.0281
9	2015-05 – 2015-08	468	368	98	2	0.7863	0.2094	0.0043	25	0.0534	8	0.0800	1	172	153	21	121	0	141	0	121	0.0000	0.8475	0.8483	0.8141
10	2015-08 – 2015-11	433	344	88	1	0.7945	0.2032	0.0023	24	0.0554	3	0.0337	1	175	158	24	120	0	17	0	120	0.0000	0.8041	0.9012	0.8995
11	2015-11 – 2016-02	436	359	77	0	0.8234	0.1766	0.0000	41	0.0940	4	0.0519	1	155	146	16	114	0	26	0	114	0.0000	0.7594	0.8677	0.9277
12	2016-02 – 2016-05	396	300	96	0	0.7576	0.2424	0.0000	45	0.1136	6	0.0625	1	147	134	20	151	0	27	0	151	0.0000	0.7557	0.9062	0.7399

	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.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
1	0.0000	0.0000	0.0000	0.0000	0.1812	0.6849	0.6623	0.7364	0.0018	0.2450	0.2023	0.2241	0.5095	0.1385	0.0056	276	25	9	0.8903	0.0806	0.0290
2	0.7410	0.7922	0.5823	0.1503	0.2238	0.6537	0.6017	0.7936	0.0018	0.1938	0.1559	0.3164	0.5891	0.2815	0.0046	276	43	2	0.8598	0.1340	0.0062
3	0.8458	0.8008	0.7234	0.1984	0.2097	0.6620	0.6020	0.7435	0.0021	0.3669	0.3017	0.3880	0.4602	0.3278	0.0049	241	46	3	0.8310	0.1586	0.0103
4	0.7319	0.6905	0.8889	0.1738	0.1864	0.6516	0.5745	0.8102	0.0019	0.3377	0.2385	0.3129	0.5195	0.2754	0.0042	258	39	2	0.8629	0.1304	0.0067
5	0.9188	0.8436	0.7209	0.1560	0.2294	0.6651	0.5425	0.7337	0.0023	0.2701	0.2317	0.2429	0.5279	0.2180	0.0057	222	41	4	0.8315	0.1536	0.0150
6	0.8252	0.9082	0.6966	0.1777	0.2542	0.7080	0.6008	0.7744	0.0024	0.3540	0.3088	0.1664	0.4937	0.1573	0.0064	187	43	1	0.8095	0.1861	0.0043
7	0.7817	0.9070	0.7949	0.2143	0.2330	0.6544	0.5818	0.7733	0.0029	0.3962	0.2833	0.4675	0.6684	0.4233	0.0065	153	31	3	0.8182	0.1658	0.0160
8	0.7596	0.7764	0.7869	0.1991	0.1795	0.5983	0.5550	0.7273	0.0035	0.5188	0.4131	0.3684	0.4869	0.3363	0.0066	164	25	2	0.8586	0.1309	0.0105
9	0.8222	0.8401	0.7500	0.1486	0.4081	0.6325	0.5865	0.7900	0.0036	0.5489	0.4344	0.3766	0.3644	0.2947	0.0067	152	20	1	0.8786	0.1156	0.0058
10	0.8069	0.8167	0.6222	0.3768	0.1617	0.5958	0.5420	0.7303	0.0040	0.5933	0.4683	0.2729	0.4426	0.1734	0.0063	157	23	1	0.8674	0.1271	0.0055
11	0.9091	0.9276	0.8500	0.1379	0.1399	0.6445	0.5933	0.7922	0.0032	0.3090	0.2569	0.1324	0.4524	0.0855	0.0075	146	16	0	0.9012	0.0988	0.0000
12	0.8477	0.8714	0.6667	0.1088	0.1919	0.6288	0.5533	0.7917	0.0034	0.3874	0.3825	0.1713	0.5039	0.1415	0.0073	134	20	0	0.8701	0.1299	0.0000

Community smells: Pearson's correlation (AngularJS)

	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	0.65	0.54	0.79	0.51	-0.49	0.38	0.53	0.54	-0.16	0.13	-0.45	-	0.52	0.60	0.88	-	-	0.25	-	1.00	0.19	-0.08	-0.26	-0.32
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.50	0.51	0.25	0.48	0.13	-0.20	0.43	0.02	-0.43	0.06	-0.06	-	0.46	0.45	0.25	0.25	-	-	-	0.27	0.22	0.23	-0.44	-0.44
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.68	0.58	0.78	0.56	-0.44	0.32	0.57	0.52	-0.19	0.11	-0.46	-	0.55	0.63	0.88	1.00	-	0.27	-	-	0.24	-0.10	-0.25	-0.32

	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.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.silo	0.06	-0.01	-0.26	-0.19	0.09	0.81	0.28	-0.07	-0.75	-0.61	-0.58	-0.14	0.32	-0.00	-0.52	0.61	0.87	0.30	-0.66	0.59	0.23
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	-0.15	-0.14	-0.12	-0.36	0.76	0.40	0.56	0.22	-0.39	-0.21	-0.26	0.24	-0.18	0.18	-0.35	0.45	0.18	0.37	0.10	-0.19	0.32
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.05	-0.01	-0.26	-0.19	0.08	0.82	0.32	-0.09	-0.78	-0.63	-0.60	-0.14	0.33	-0.01	-0.54	0.64	0.86	0.36	-0.64	0.55	0.28

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

	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	0.02	0.07	0.00	0.09	0.11	0.23	0.07	0.07	0.61	0.69	0.15	-	0.08	0.04	0.00	-	-	0.43	-	0.00	0.56	0.81	0.45	0.33
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.10	0.09	0.44	0.12	0.70	0.53	0.16	0.94	0.16	0.86	0.85	-	0.14	0.14	0.44	0.43	-	-	-	0.39	0.50	0.47	0.18	0.17
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.01	0.05	0.00	0.06	0.15	0.30	0.05	0.08	0.55	0.74	0.13	-	0.06	0.03	0.00	0.00	-	0.39	-	-	0.46	0.76	0.46	0.33

	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.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.silo	0.87	0.98	0.45	0.58	0.77	0.00	0.38	0.83	0.00	0.04	0.05	0.67	0.30	1.00	0.08	0.04	0.00	0.34	0.02	0.04	0.47
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.67	0.67	0.72	0.28	0.00	0.20	0.06	0.48	0.21	0.51	0.42	0.45	0.57	0.58	0.27	0.15	0.58	0.24	0.75	0.56	0.32
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.87	0.98	0.43	0.57	0.80	0.00	0.31	0.78	0.00	0.03	0.04	0.66	0.29	0.97	0.07	0.03	0.00	0.25	0.03	0.07	0.37

Community smells: Spearman's correlation (AngularJS)

	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	0.72	0.68	0.83	0.73	-0.64	0.57	0.64	0.65	-0.14	0.13	-0.35	-	0.71	0.67	0.87	-	-	0.52	-	1.00	0.35	-0.19	-0.20	-0.30
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.69	0.67	0.57	0.62	-0.16	0.07	0.54	0.22	-0.38	0.05	-0.20	-	0.53	0.50	0.44	0.52	-	-	-	0.52	0.31	-0.08	-0.53	-0.47
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.72	0.68	0.83	0.73	-0.64	0.57	0.64	0.65	-0.14	0.13	-0.35	-	0.71	0.67	0.87	1.00	-	0.52	-	-	0.35	-0.19	-0.20	-0.30

	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.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.silo	-0.01	-0.08	-0.29	0.06	0.54	0.83	0.36	0.03	-0.73	-0.58	-0.55	-0.01	0.59	0.08	-0.62	0.68	0.87	0.54	-0.64	0.66	0.35
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	-0.06	-0.12	-0.13	-0.31	0.62	0.60	0.70	0.29	-0.56	-0.41	-0.40	0.20	0.14	0.08	-0.40	0.50	0.38	0.38	0.00	0.02	0.27
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	-0.01	-0.08	-0.29	0.06	0.54	0.83	0.36	0.03	-0.73	-0.58	-0.55	-0.01	0.59	0.08	-0.62	0.68	0.87	0.54	-0.64	0.66	0.35

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

	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	0.02	0.00	0.01	0.03	0.06	0.02	0.02	0.67	0.69	0.27	-	0.01	0.02	0.00	-	-	0.08	-	0.00	0.27	0.56	0.56	0.37
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.01	0.02	0.05	0.03	0.62	0.82	0.07	0.50	0.22	0.89	0.53	-	0.08	0.09	0.15	0.08	-	-	-	0.08	0.32	0.80	0.10	0.14
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.01	0.02	0.00	0.01	0.03	0.06	0.02	0.02	0.67	0.69	0.27	-	0.01	0.02	0.00	0.00	-	0.08	-	-	0.27	0.56	0.56	0.37

	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.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.silo	0.99	0.82	0.39	0.86	0.07	0.00	0.26	0.94	0.01	0.05	0.07	0.97	0.05	0.82	0.03	0.02	0.00	0.07	0.03	0.02	0.26
prima.donnas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
radio.silence	0.85	0.73	0.71	0.35	0.03	0.04	0.01	0.36	0.06	0.18	0.19	0.53	0.67	0.80	0.20	0.10	0.22	0.22	0.99	0.96	0.39
black.cloud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
missing.links	0.99	0.82	0.39	0.86	0.07	0.00	0.26	0.94	0.01	0.05	0.07	0.97	0.05	0.82	0.03	0.02	0.00	0.07	0.03	0.02	0.26