

Socio-technical analysis result (Scala)

| | 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 | 134 | 98 | 23 | 13 | 0.7313 | 0.1716 | 0.0970 | 5 | 0.0373 | 0 | 0.0000 | 1 | 48 | 48 | 0 | 0 | 0 | 29 | 0 | 0 | 1 | 1.0000 | 0.0000 | 0.0000 | |
| 2 | 2013-08 – 2013-11 | 111 | 73 | 26 | 12 | 0.6577 | 0.2342 | 0.1081 | 11 | 0.0991 | 0 | 0.0000 | 1 | 34 | 34 | 1 | 0 | 0 | 11 | 0 | 0 | 1 | 1.0000 | 0.6531 | 0.5405 | |
| 3 | 2013-11 – 2014-02 | 100 | 58 | 31 | 11 | 0.5800 | 0.3100 | 0.1100 | 8 | 0.0800 | 0 | 0.0000 | 1 | 29 | 29 | 0 | 0 | 0 | 12 | 0 | 0 | 1 | 1.0000 | 0.5877 | 0.4750 | |
| 4 | 2014-02 – 2014-05 | 123 | 94 | 18 | 11 | 0.7642 | 0.1463 | 0.0894 | 8 | 0.0650 | 0 | 0.0000 | 1 | 46 | 46 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 1.0000 | 0.4484 | 0.8169 | |
| 5 | 2014-05 – 2014-08 | 99 | 69 | 21 | 9 | 0.6970 | 0.2121 | 0.0909 | 9 | 0.0909 | 0 | 0.0000 | 1 | 37 | 37 | 0 | 0 | 0 | 6 | 0 | 0 | 1 | 1.0000 | 0.7117 | 0.6441 | |
| 6 | 2014-08 – 2014-11 | 73 | 39 | 25 | 9 | 0.5342 | 0.3425 | 0.1233 | 8 | 0.1096 | 0 | 0.0000 | 1 | 21 | 21 | 0 | 0 | 0 | 11 | 0 | 0 | 1 | 1.0000 | 0.7791 | 0.5625 | |
| 7 | 2014-11 – 2015-02 | 80 | 44 | 30 | 6 | 0.5500 | 0.3750 | 0.0750 | 7 | 0.0875 | 0 | 0.0000 | 1 | 23 | 23 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 1.0000 | 0.6405 | 0.6571 | |
| 8 | 2015-02 – 2015-05 | 78 | 45 | 22 | 11 | 0.5769 | 0.2821 | 0.1410 | 4 | 0.0513 | 0 | 0.0000 | 1 | 26 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.0000 | 0.6709 | 0.6957 | |
| 9 | 2015-05 – 2015-08 | 80 | 45 | 27 | 8 | 0.5625 | 0.3375 | 0.1000 | 5 | 0.0625 | 0 | 0.0000 | 1 | 26 | 26 | 0 | 0 | 0 | 9 | 0 | 0 | 1 | 1.0000 | 0.6709 | 0.6765 | |
| 10 | 2015-08 – 2015-11 | 52 | 15 | 34 | 3 | 0.2885 | 0.6538 | 0.0577 | 14 | 0.2692 | 0 | 0.0000 | 1 | 9 | 9 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 1.0000 | 0.8636 | 0.5556 | |
| 11 | 2015-11 – 2016-02 | 52 | 26 | 21 | 5 | 0.5000 | 0.4038 | 0.0962 | 4 | 0.0769 | 0 | 0.0000 | 1 | 14 | 14 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1.0000 | 0.6154 | 0.7619 | |
| 12 | 2016-02 – 2016-05 | 77 | 43 | 28 | 6 | 0.5584 | 0.3636 | 0.0779 | 15 | 0.1948 | 1 | 0.0294 | 1 | 21 | 21 | 2 | 2 | 0 | 4 | 0 | 2 | 0 | 0.9118 | 0.4651 | 0.5333 | |
| | 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 | 0.0000 | 0.2164 | 0.6418 | 0.5676 | 1.0000 | 0.0123 | 0.1002 | 0.4446 | 0.1810 | 0.1810 | 0.0000 | 0.1193 | 48 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 2 | 0.6585 | 0.6585 | 0 | 0.2000 | 0.0991 | 0.6937 | 0.6000 | 0.9737 | 0.0138 | 0.1124 | 0.3600 | 0.1276 | 0.1510 | -0.5000 | 0.0855 | 34 | 1 | 0 | 0.9714 | 0.0286 | 0 | | | | | |
| 3 | 0.6349 | 0.6349 | 2 | 0.0806 | 0.1200 | 0.7100 | 0.5797 | 1.0000 | 0.0129 | 0.1089 | 0.2204 | 0.5212 | 0.5212 | 0.0000 | 0.0523 | 29 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 4 | 0.3200 | 0.3200 | 0 | 0.0400 | 0.0407 | 0.6260 | 0.5619 | 1.0000 | 0.0155 | 0.1886 | 0.2682 | 0.4241 | 0.4241 | 0.0000 | 0.0514 | 46 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 5 | 0.7470 | 0.7470 | 0 | 0.0380 | 0.0606 | 0.6263 | 0.5256 | 1.0000 | 0.0148 | 0.1263 | 0.2525 | 0.5101 | 0.5101 | 0.0000 | 0.0536 | 37 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 6 | 0.8276 | 0.8276 | 0 | 0.0597 | 0.1507 | 0.7123 | 0.5625 | 1.0000 | 0.0151 | 0.0709 | 0.2848 | 0.3873 | 0.3873 | 0.0000 | 0.0624 | 21 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 7 | 0.5455 | 0.5455 | 0 | 0.1020 | 0.1250 | 0.7125 | 0.5400 | 1.0000 | 0.0144 | 0.1058 | 0.2396 | 0.3680 | 0.3680 | 0.0000 | 0.0516 | 23 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 8 | 0.4898 | 0.4898 | 0 | 0.0755 | 0.0000 | 0.6667 | 0.5357 | 1.0000 | 0.0159 | 0.1188 | 0.2271 | 0.4224 | 0.4224 | 0.0000 | 0.0586 | 26 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 9 | 0.4615 | 0.4615 | 0 | 0.0000 | 0.1125 | 0.6750 | 0.5094 | 1.0000 | 0.0141 | 0.0997 | 0.2133 | 0.3641 | 0.3641 | 0.0000 | 0.0399 | 26 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 10 | 1.0857 | 1.0857 | 0 | 0.1053 | 0.0769 | 0.8269 | 0.5000 | 1.0000 | 0.0094 | 0.0139 | 0.1621 | 0.1798 | 0.1798 | 0.0000 | 0.0339 | 9 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 11 | 0.5217 | 0.5217 | 0 | 0.0312 | 0.0385 | 0.7308 | 0.5484 | 1.0000 | 0.0175 | 0.0481 | 0.2564 | 0.4521 | 0.4521 | 0.0000 | 0.0769 | 14 | 0 | 0 | 1.0000 | 0.0000 | 0 | | | | | |
| 12 | 0.4000 | 0.4000 | 0 | 0.0333 | 0.0909 | 0.7273 | 0.5714 | 0.9412 | 0.0151 | 0.1532 | 0.3459 | 0.5429 | 0.3803 | -0.4955 | 0.0489 | 21 | 2 | 0 | 0.9130 | 0.0870 | 0 | | | | | |

Community smells: Pearson’s correlation (Scala)

| | 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 | -0.14 | -0.14 | 0.17 | -0.27 | -0.06 | 0.10 | -0.27 | 0.59 | 0.44 | 1.00 | 1.00 | - | -0.18 | -0.18 | 0.89 | - | - | -0.19 | - | 1.00 | -1.00 | -1.00 | -0.50 | -0.30 |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| radio.silence | 0.64 | 0.58 | 0.06 | 0.52 | 0.40 | -0.38 | 0.02 | -0.19 | -0.34 | -0.19 | -0.19 | - | 0.56 | 0.56 | -0.13 | -0.19 | - | - | - | -0.19 | 0.19 | 0.19 | 0.10 | -0.52 |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| missing.links | -0.14 | -0.14 | 0.17 | -0.27 | -0.06 | 0.10 | -0.27 | 0.59 | 0.44 | 1.00 | 1.00 | - | -0.18 | -0.18 | 0.89 | 1.00 | - | -0.19 | - | - | -1.00 | -1.00 | -0.50 | -0.30 |
| | | core.global.turnover | core.mail.turnover | core.code.turnover | ratio.smelly.quitters | ratio.smelly.devs | global.truck | mail.truck | code.truck | closeness.cent | betweenness.cent | degree.cent | 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 | -0.32 | -0.32 | -0.10 | -0.22 | -0.02 | 0.18 | 0.23 | -0.91 | 0.13 | 0.34 | 0.30 | 0.38 | 0.05 | -0.67 | -0.17 | -0.18 | 0.89 | - | -0.95 | 0.95 | - | - | - | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| radio.silence | 0.18 | 0.18 | 0.43 | 0.34 | 0.91 | -0.28 | 0.36 | 0.14 | -0.39 | -0.01 | 0.67 | -0.46 | -0.44 | 0.07 | 0.71 | 0.56 | -0.13 | - | 0.16 | -0.16 | - | - | - | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| missing.links | -0.32 | -0.32 | -0.10 | -0.22 | -0.02 | 0.18 | 0.23 | -0.91 | 0.13 | 0.34 | 0.30 | 0.38 | 0.05 | -0.67 | -0.17 | -0.18 | 0.89 | - | -0.95 | 0.95 | - | - | - | |

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

| | 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 | 0.67 | 0.67 | 0.61 | 0.40 | 0.85 | 0.75 | 0.39 | 0.04 | 0.15 | 0.00 | 0.00 | - | 0.57 | 0.57 | 0.00 | - | - | 0.55 | - | 0.00 | 0.00 | - | 0.12 | 0.37 | | | | | | | | | | | | | | | | | | | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| radio.silence | 0.02 | 0.05 | 0.86 | 0.08 | 0.20 | 0.22 | 0.94 | 0.55 | 0.28 | 0.55 | 0.55 | - | 0.06 | 0.06 | 0.68 | 0.55 | - | - | - | 0.55 | 0.55 | 0.55 | 0.77 | 0.10 | | | | | | | | | | | | | | | | | | | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| missing.links | 0.67 | 0.67 | 0.61 | 0.40 | 0.85 | 0.75 | 0.39 | 0.04 | 0.15 | 0.00 | 0.00 | - | 0.57 | 0.57 | 0.00 | 0.00 | - | 0.55 | - | - | 0.00 | - | 0.12 | 0.37 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | core.global.turnover | | core.mail.turnover | | core.code.turnover | | ratio.smelly.quitters | | ratio.smelly.devs | | global.truck | | mail.truck | | code.truck | | closeness.cent | | betweenness.cent | | degree.cent | | 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 | 0.34 | 0.34 | 0.77 | 0.51 | 0.95 | 0.58 | 0.48 | 0.00 | 0.68 | 0.28 | 0.35 | 0.22 | 0.89 | 0.02 | 0.60 | 0.57 | 0.00 | - | 0.00 | 0.00 | 0.00 | - | - | | | | | | | | | | | | | | | | | | | | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| radio.silence | 0.59 | 0.59 | 0.19 | 0.31 | 0.00 | 0.37 | 0.26 | 0.67 | 0.21 | 0.97 | 0.02 | 0.13 | 0.15 | 0.84 | 0.01 | 0.06 | 0.68 | - | 0.63 | 0.63 | - | - | - | | | | | | | | | | | | | | | | | | | | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| missing.links | 0.34 | 0.34 | 0.77 | 0.51 | 0.95 | 0.58 | 0.48 | 0.00 | 0.68 | 0.28 | 0.35 | 0.22 | 0.89 | 0.02 | 0.60 | 0.57 | 0.00 | - | 0.00 | 0.00 | 0.00 | - | - | | | | | | | | | | | | | | | | | | | | |

Community smells: Spearman's correlation (Scala)

| | 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 | -0.22 | -0.22 | 0.22 | -0.26 | -0.13 | 0.22 | -0.31 | 0.49 | 0.39 | 1.00 | 1.00 | - | -0.26 | -0.26 | 0.74 | - | - | -0.26 | - | 1.00 | -1.00 | -1.00 | -0.40 | -0.40 | | | | | | | | | | | | | | | | | | | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| radio.silence | 0.61 | 0.50 | 0.25 | 0.55 | 0.37 | -0.35 | 0.26 | 0.09 | -0.08 | -0.26 | -0.26 | - | 0.50 | 0.50 | -0.03 | -0.26 | - | - | - | -0.26 | 0.26 | 0.26 | 0.01 | -0.51 | | | | | | | | | | | | | | | | | | | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| missing.links | -0.22 | -0.22 | 0.22 | -0.26 | -0.13 | 0.22 | -0.31 | 0.49 | 0.39 | 1.00 | 1.00 | - | -0.26 | -0.26 | 0.74 | 1.00 | - | -0.26 | - | - | -1.00 | -1.00 | -0.40 | -0.40 | | | | | | | | | | | | | | | | | | | |
| | | 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 | -0.40 | -0.40 | -0.10 | -0.30 | -0.04 | 0.31 | 0.31 | -0.74 | 0.17 | 0.39 | 0.31 | 0.48 | -0.04 | -0.60 | -0.31 | -0.26 | 0.74 | - | -0.74 | 0.74 | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| radio.silence | 0.36 | 0.36 | 0.50 | 0.35 | 0.88 | -0.24 | 0.52 | 0.03 | -0.62 | -0.10 | 0.33 | -0.29 | -0.20 | -0.03 | 0.36 | 0.50 | -0.03 | - | 0.03 | -0.03 | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | |
| missing.links | -0.40 | -0.40 | -0.10 | -0.30 | -0.04 | 0.31 | 0.31 | -0.74 | 0.17 | 0.39 | 0.31 | 0.48 | -0.04 | -0.60 | -0.31 | -0.26 | 0.74 | - | -0.74 | 0.74 | - | - | - | - | | | | | | | | | | | | | | | | | | | |

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

| | 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 | 0.49 | 0.49 | 0.49 | 0.41 | 0.68 | 0.50 | 0.33 | 0.11 | 0.21 | 0.00 | 0.00 | - | 0.41 | 0.41 | 0.01 | - | - | 0.41 | - | 0.00 | 0.00 | 0.00 | 0.22 | 0.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| prima.donnas | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| radio.silence | 0.03 | 0.10 | 0.43 | 0.06 | 0.23 | 0.26 | 0.42 | 0.79 | 0.81 | 0.41 | 0.41 | - | 0.10 | 0.10 | 0.92 | 0.41 | - | - | - | 0.41 | 0.41 | 0.41 | 0.97 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| black.cloud | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| missing.links | 0.49 | 0.49 | 0.49 | 0.41 | 0.68 | 0.50 | 0.33 | 0.11 | 0.21 | 0.00 | 0.00 | - | 0.41 | 0.41 | 0.01 | 0.00 | - | 0.41 | - | - | 0.00 | 0.00 | 0.22 | 0.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | core.global.turnover | | core.mail.turnover | | core.code.turnover | | ratio.smelly.quitters | | ratio.smelly.devs | | global.truck | | mail.truck | | code.truck | | closeness.cent | | betweenness.cent | | degree.cent | | 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 | 0.22 | 0.22 | 0.77 | 0.37 | 0.89 | 0.33 | 0.33 | 0.01 | 0.59 | 0.21 | 0.33 | 0.11 | 0.89 | 0.04 | 0.33 | 0.41 | 0.01 | - | 0.01 | 0.01 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |