ENGLISH

In times past there lived a king and queen, who said to each other every day of their lives, Would that we had a child! and yet they had none. But it happened once that when the queen was bathing, there came a frog out of the water, and he squatted on the ground, and said to her: Thy wish shall be fulfilled; before a year has gone by, thou shalt bring a daughter into the world. And as the frog foretold, so it happened; and the queen bore a daughter so beautiful that the king could not contain himself for joy, and he ordained a great feast. Not only did he bid to it his relations, friends, and acquaintances, but also the wise women, that they might be kind and favourable to the child. There were thirteen of them in his kingdom, but as he had only provided twelve golden plates for them to eat from, one of them had to be left out.

6 sentences, 25, 5, 47 31 27 30

['a' 'acquaintances' 'also' 'and' 'as' 'bathing' 'be' 'beautiful' 'before' 'bid' 'bore' 'bring' 'but' 'by' 'came' 'child' 'contain' 'could' 'daughter' 'day' 'did' 'each' 'eat' 'every' 'favourable' 'feast' 'for' 'foretold' 'friends' 'frog' 'from' 'fulfilled' 'golden' 'gone' 'great' 'ground' 'had' 'happened' 'has' 'he' 'her' 'himself' 'his' 'in' 'into' 'it' 'joy' 'kind' 'king' 'kingdom' 'left' 'lived' 'lives' 'might' 'none' 'not' 'of' 'on' 'once' 'one' 'only' 'ordained' 'other' 'out' 'past' 'plates' 'provided' 'queen' 'relations' 'said' 'shall' 'shalt' 'so' 'squatted' 'that' 'the' 'their' 'them' 'there' 'they' 'thirteen' 'thou' 'thy' 'times' 'to' 'twelve' 'was' 'water' 'we' 'were' 'when' 'who' 'wise' 'wish' 'women' 'world' 'would' 'year' 'yet']

[7 1 1 9 2 1 3 1 1 1 1 1 3 1 1 2 1 1 2 1 1 1 1 1 1 1 2 1 1 2 1 1 1 1 1 1 4 2 1 4 1 1 2 2 1 3 1 1 2 1 1 1 1 1 1 2 4 1 1 1 2 1 1 2 1 1 1 3 1 2 1 1 2 1 4 9 1 3 3 2 1 1 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1]

Trophic Incoherence

0.9116453965643069

Trophic Levels

[ 0. -0.69357225 -0.48281865 -0.58008408 -0.55055957 -0.75692646 -0.31298357 -0.37678934 -0.10432786 -0.58860889 -0.31430605 0. -0.80706043 0. -0.41054182 0.92071156 -1.07637035 -0.79759083 -0.60091491 -0.15128179 -0.70795594 -0.42834609 -0.4052574 -0.24363656 -0.55039247 2. -0.80687362 -0.220571 -0.66079029 -0.01814317 -0.28981394 -0.20865571 -0.78788216 0. 1. -0.36933047 -0.34961454 -0.89563764 0. -0.65651691 -0.4791574 -0.94162199 -0.82220273 -1.23896273 -0.37974589 -0.4937201 -0.69347885 -0.44653382 -0.38406295 -0.81463158 -0.00320418 -0.41054182 -0.19475343 -0.34427982 0.65038546 -1.21111872 -0.05892702 -0.32455688 -0.61310874 -0.17437048 -0.75939498 -0.32825845 -0.33599132 0.30657521 -0.96037667 -0.79737789 -0.76889071 -0.62861211 -0.74149651 -0.1660364 -0.35452703 0. -0.42299884 -0.4905369 -0.33057984 -0.15857687 -0.12684022 -0.79501575 -0.82108364 -0.37557607 -0.31297923 0. -0.43761395 -1.0996697 -0.52070086 -0.77838643 -0.69276929 -0.36933047 -0.34009719 -0.56703143 -0.24457835 -0.39732425 -0.21591119 -0.39607049 -0.27324552 0.84142313 -0.26266663 0. -0.47783007]

[3.8251836516669555, 1.6838430039571166, 2.3345253995587907, 2.0342273307738763, 2.1253815272443113, 1.4882426984138992, 2.8588756150428942, 2.6618811713365744, 3.503080972792269, 2.0079077664626883, 2.854792570742449, 3.8251836516669555, 1.3334586771403574, 3.8251836516669555, 2.5576734771894167, 6.6677960609886116, 0.5019890218755858, 1.362695192982351, 1.9699140494846015, 3.3581150259295325, 1.639434686619087, 2.5027044218620746, 2.573988638867696, 3.072978157907047, 2.125897442306732, 10.0, 1.3340354423975564, 3.1441909404356485, 1.7850542944525225, 3.7691682956488397, 2.9304097238958033, 3.180978293917582, 1.3926698230994878, 3.8251836516669555, 6.912591825833478, 2.68490972637555, 2.7457808745744368, 1.0599846859862827, 3.8251836516669555, 1.7982479790857877, 2.3458291660802497, 0.9180122321365712, 1.286708221809815, 0.0, 2.6527530857309123, 2.3008681796330044, 1.6841313865857168, 2.4465514729083857, 2.6394245743501017, 1.310083449475086, 3.8152910417792127, 2.5576734771894167, 3.2239003257013548, 2.762251325010366, 5.833189048740959, 0.08596581161460011, 3.643251893952018, 2.8231440743467453, 1.932266721718487, 3.2868308089239107, 1.480621394152386, 2.8117158153763713, 2.7878412898845606, 4.77170646851553, 0.860108868474585, 1.363352632748522, 1.4513042038014192, 1.8844014898179426, 1.5358812581311683, 3.312561521475583, 2.730614002802233, 3.8251836516669555, 2.5192135852224573, 2.310696026716266, 2.8045487574506924, 3.3355921219772235, 3.433576109826686, 1.370645518119416, 1.2901633027118773, 2.6656270349778386, 2.858889030205304, 3.8251836516669555, 2.474090778320911, 0.4300544342372926, 2.2175675538395887, 1.4219870134504538, 1.686322094115921, 2.68490972637555, 2.775164816012565, 2.074526166458591, 3.0700704397139575, 2.5984815056467627, 3.158577667135047, 2.6023523905615717, 2.9815632122928695, 6.423000296143745, 3.014224541576024, 3.8251836516669555, 2.3499271828758577]

Betweenness Centrality

[0.28174035 0.01830423 0.00722701 0.30428287 0.0223543 0.04744372 0.09584273 0.02331369 0.02535241 0.01162474 0.02223859 0.05964654 0.03930951 0.05806859 0.01559015 0. 0.03439231 0.06438039 0.04373779 0.03029665 0.02220352 0.0287187 0.02134792 0.02977067 0.03528416 0. 0.07815415 0.01595834 0.02034505 0.07958658 0.0218739 0.02482643 0.03187461 0.0575426 0.00988849 0.01821716 0.16174956 0.03250888 0.05701662 0.11210464 0.0287187 0.0349183 0.03924639 0.03921834 0.01103896 0.06245488 0.02377621 0.04213805 0.17608612 0.01017002 0.00983765 0.01559015 0.02217547 0.0085034 0. 0.06490637 0.18896486 0.01233807 0.00544042 0.02239989 0.06228347 0.01600944 0.02924469 0.07451785 0.0217126 0.03240059 0.03082264 0.09392544 0.01981906 0.05029177 0.03029665 0.05912056 0.04970914 0.01181209 0.10610551 0.27978201 0.02164948 0.15312259 0.07999158 0.04508636 0.03029665 0.05859457 0.02924469 0.02118662 0.22770506 0.03134862 0.04691774 0.01821716 0.01952355 0.02977067 0. 0.00572851 0.02267014 0.02977067 0.02319613 0. 0.02270145 0.05649064 0.01446906]

[9.259159151743454, 0.6015530467148732, 0.2375097374098378, 10.0, 0.7346553013040834, 1.5591978394736075, 3.14979036039454, 0.7661846789105478, 0.8331855417142782, 0.3820372195420182, 0.7308523797443918, 1.9602332039501897, 1.2918738555503422, 1.9083751826816662, 0.5123572501330125, 0.0, 1.1302743835592863, 2.1158072677557604, 1.4374055723801038, 0.9956740083556519, 0.7296999792717578, 0.9438159870871283, 0.7015814077394917, 0.978388001266144, 1.1595842677879376, 0.0, 2.568470173406339, 0.5244574550956681, 0.6686227542221633, 2.615545732713432, 0.7188674148289996, 0.8158995346247704, 1.0475320296241755, 1.8910891755921582, 0.3249769332827475, 0.5986915016451637, 5.315762967685643, 1.0683770085629345, 1.8738031685026504, 3.6842243110104387, 0.9438159870871283, 1.1475603906487941, 1.2897995346996014, 1.2888776143214946, 0.36278614515307106, 2.0525270121922476, 0.7813851404693862, 1.3848314165321578, 5.786921900921998, 0.3342290627916079, 0.3233059525974284, 0.5123572501330125, 0.7287780588936508, 0.27945711461371014, 0.0, 2.133093274845268, 6.210170906976588, 0.4054803377281697, 0.17879493332914279, 0.7361534219185074, 2.046893719492256, 0.5261366672129345, 0.9611019941766361, 2.448966244394209, 0.7135663726548838, 1.0648180367136832, 1.0129600154451597, 3.0867802454613016, 0.6513367471326555, 1.6527967038353235, 0.9956740083556519, 1.9429471968606822, 1.6336488965017164, 0.3881943306386619, 3.4870680462546613, 9.19479983028284, 0.7114920518041431, 5.032244763873891, 2.628855958172353, 1.4817250986088137, 0.9956740083556519, 1.9256611897711742, 0.9611019941766361, 0.696280365565376, 7.483334717710525, 1.0302460225346675, 1.5419118323840997, 0.5986915016451637, 0.6416251540587321, 0.978388001266144, 0.0, 0.18826257669262567, 0.7450351369897356, 0.978388001266144, 0.7623211440792435, 0.0, 0.7460640659831588, 1.8565171614131426, 0.47551336073651884]

Closeness Centrality

[0.22222222 0.1641541 0.18215613 0.24873096 0.21585903 0.15100154 0.19066148 0.18114603 0.18421053 0.18773946 0.18317757 0.18421053 0.19483101 0.12173913 0.18421053 0. 0.15530903 0.13225371 0.17013889 0.19405941 0.17223199 0.12548015 0.1416185 0.1641541 0.1873805 0. 0.2172949 0.14759036 0.20164609 0.17223199 0.16360601 0.15730337 0.15481833 0.109375 1. 0.2 0.24810127 0.20675105 0.09929078 0.20675105 0.11212815 0.18114603 0.15217391 0.15030675 0.18215613 0.17948718 0.20247934 0.20081967 0.21030043 0.1638796 0.16306156 0.18421053 0.15555556 0.16144975 0. 0.15076923 0.23728814 0.18215613 0.18148148 0.19367589 0.15506329 0.18317757 0.14223512 0.19291339 0.15100154 0.18081181 0.1202454 0.18773946 0.16955017 0.1873805 0.16225166 0.15730337 0.17162872 0.15530903 0.21875 0.22022472 0.13592233 0.2396088 0.17562724 0.20545073 0.19444444 0.1372549 0.125 0.13243243 0.22843823 0.13535912 0.13243243 0.2 0.20123203 0.16470588 0.18181818 0.15883306 0.15360502 0.14121037 0.18047882 0. 0.18181818 0.09090909 0.17192982]

[2.2222222222222223, 1.6415410385259632, 1.821561338289963, 2.4873096446700504, 2.1585903083700444, 1.510015408320493, 1.9066147859922178, 1.8114602587800368, 1.8421052631578947, 1.8773946360153257, 1.8317757009345794, 1.8421052631578947, 1.94831013916501, 1.2173913043478262, 1.8421052631578947, 0.0, 1.5530903328050714, 1.3225371120107963, 1.7013888888888886, 1.9405940594059405, 1.7223198594024602, 1.2548015364916774, 1.4161849710982657, 1.6415410385259632, 1.8738049713193117, 0.0, 2.172949002217295, 1.4759036144578315, 2.0164609053497946, 1.7223198594024602, 1.636060100166945, 1.5730337078651684, 1.5481832543443919, 1.09375, 10.0, 2.0, 2.4810126582278484, 2.0675105485232064, 0.9929078014184398, 2.0675105485232064, 1.1212814645308924, 1.8114602587800368, 1.5217391304347825, 1.5030674846625767, 1.821561338289963, 1.794871794871795, 2.024793388429752, 2.0081967213114753, 2.1030042918454934, 1.6387959866220736, 1.6306156405990015, 1.8421052631578947, 1.5555555555555556, 1.6144975288303132, 0.0, 1.5076923076923077, 2.3728813559322033, 1.821561338289963, 1.8148148148148149, 1.9367588932806323, 1.550632911392405, 1.8317757009345794, 1.4223512336719883, 1.9291338582677164, 1.510015408320493, 1.8081180811808117, 1.2024539877300615, 1.8773946360153257, 1.6955017301038064, 1.8738049713193117, 1.6225165562913908, 1.5730337078651684, 1.7162872154115587, 1.5530903328050714, 2.1875, 2.202247191011236, 1.3592233009708736, 2.396088019559902, 1.7562724014336917, 2.0545073375262053, 1.9444444444444442, 1.3725490196078431, 1.2499999999999998, 1.3243243243243243, 2.2843822843822843, 1.3535911602209945, 1.3243243243243243, 2.0, 2.0123203285420947, 1.6470588235294117, 1.8181818181818183, 1.5883306320907618, 1.536050156739812, 1.4121037463976944, 1.8047882136279927, 0.0, 1.8181818181818183, 0.9090909090909092, 1.719298245614035]

Local Clustering Coefficient

[0. 0. 0. 0.05714286 0.33333333 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0.03571429 0. 0. 0.04761905 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.1 0. 0. 0. 0. 0. 0. 0.03571429 0.04411765 0. 0.1 0. 0. 0. 0. 0. 0. 0.01818182 0. 0. 1. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. ]

[0.0, 0.0, 0.0, 0.5714285714285714, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.3571428571428571, 0.0, 0.0, 0.47619047619047616, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.3571428571428571, 0.44117647058823534, 0.0, 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.18181818181818182, 0.0, 0.0, 10.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

Page Rank

[0.03962493 0.0062568 0.00536638 0.04183287 0.00981113 0.00614894 0.01945745 0.00654033 0.00803831 0.00511465 0.0051022 0.01032484 0.01254467 0.00922176 0.00519015 0.01278109 0.00519908 0.007244 0.00742561 0.00838376 0.00601775 0.00606104 0.00606104 0.00773141 0.0062568 0.00812379 0.01421227 0.007244 0.00722639 0.01278109 0.00696394 0.007325 0.00770013 0.00871731 0.00742561 0.00716753 0.02210185 0.00790811 0.00812379 0.01554162 0.00606104 0.00623129 0.01072408 0.00662581 0.00496793 0.01434364 0.00785226 0.007325 0.01278109 0.00636979 0.007325 0.00519015 0.01111915 0.00737672 0.0065087 0.00796948 0.03224982 0.00615951 0.00517301 0.00773141 0.00989572 0.00511465 0.00696394 0.01347026 0.00574588 0.00835717 0.00601775 0.01161228 0.00636979 0.01059368 0.00838376 0.01001507 0.01112534 0.00511465 0.02806102 0.05040448 0.01094951 0.0169897 0.01192266 0.01309331 0.00622368 0.00965058 0.00696394 0.00462803 0.02999281 0.00692715 0.0051022 0.00716753 0.00777503 0.00519015 0.00777503 0.0051022 0.00716753 0.00773141 0.00790447 0.00716753 0.01126333 0.00742561 0.0062568 ]

[7.645176169381926, 0.3558101222487755, 0.16129497589475567, 8.12750714529244, 1.132262360993182, 0.33224602469585723, 3.239530382455418, 0.4177479040058049, 0.7449864333249158, 0.10630371247272674, 0.10358462765135286, 1.2444848444447831, 1.7294121509513654, 1.0035136532710407, 0.12279563844037171, 1.781059084063508, 0.12474795647354481, 0.5714670977349278, 0.611139968105956, 0.8204507248695558, 0.3035871782010966, 0.31304586846430504, 0.31304586846430504, 0.6779429802518584, 0.3558101222487755, 0.7636598183980342, 2.0937052698629395, 0.5714670977349278, 0.5676181193698264, 1.781059084063508, 0.510287255238053, 0.5891617660680202, 0.671108608023091, 0.8933149346372511, 0.611139968105956, 0.5547618531079009, 3.8172065854447217, 0.7165422788519097, 0.7636598183980342, 2.3841050117692606, 0.31304586846430504, 0.3502359159758185, 1.3316995417015602, 0.43642172180214256, 0.07425127777419181, 2.122403274064167, 0.7043412957528269, 0.5891617660680202, 1.781059084063508, 0.38049321678397113, 0.5891617660680202, 0.12279563844037171, 1.4180036670122889, 0.6004593430474038, 0.4108373731801244, 0.7299483951687191, 6.034062213234359, 0.33455705592381446, 0.11905177566107049, 0.6779429802518584, 1.15074259250332, 0.10630371247272674, 0.510287255238053, 1.9316107939094942, 0.24419802675401278, 0.8146409650947327, 0.3035871782010966, 1.5257292382063274, 0.38049321678397113, 1.3032134097942838, 0.8204507248695558, 1.1768138765248173, 1.4193569357925615, 0.10630371247272674, 5.119006786911142, 10.0, 1.380945217793677, 2.7004437763961544, 1.5935328368330495, 1.8492648124514766, 0.3485751615344423, 1.0971897562859783, 0.510287255238053, 0.0, 5.541011174300186, 0.5022483346423366, 0.10358462765135286, 0.5547618531079009, 0.6874707808699373, 0.12279563844037171, 0.6874707808699373, 0.10358462765135286, 0.5547618531079009, 0.6779429802518584, 0.7157467844296832, 0.5547618531079009, 1.449501578114675, 0.611139968105956, 0.3558101222487755]

GERMAN

Vor Zeiten war ein König und eine Königin, die sprachen jeden Tag: Ach, wenn wir doch ein Kind hätten! und kriegten immer keins. Da trug sich zu, als die Königin einmal im Bade sass, dass ein Frosch aus dem Wasser ans Land kroch und zu ihr sprach: Dein Wunsch wird erfüllt werden, ehe ein Jahr vergeht, wirst du eine Tochter zur Welt bringen. Was der Frosch gesagt hatte, das geschah, und die Königin gebar ein Mädchen, das war so schön, dass der König vor Freude sich nicht zu lassen wusste und ein grosses Fest anstellte. Er ladete nicht bloss seine Verwandte, Freunde und Bekannte, sondern auch die weisen Frauen dazu ein, damit sie dem Kind hold und gewogen wären. Es waren ihrer dreizehn in seinem Reiche, weil er aber nur zwölf goldene Teller hatte, von welchen sie essen sollten, so musste eine von ihnen daheim bleiben.

19 4 40 32 24 27

['aber' 'ach' 'als' 'ans' 'anstellte' 'auch' 'aus' 'bade' 'bekannte' 'bleiben' 'bloss' 'bringen' 'da' 'daheim' 'damit' 'das' 'dass' 'dazu' 'dein' 'dem' 'der' 'die' 'doch' 'dreizehn' 'du' 'ehe' 'ein' 'eine' 'einmal' 'er' 'erfüllt' 'es' 'essen' 'fest' 'frauen' 'freude' 'freunde' 'frosch' 'gebar' 'gesagt' 'geschah' 'gewogen' 'goldene' 'grosses' 'hatte' 'hold' 'hätten' 'ihnen' 'ihr' 'ihrer' 'im' 'immer' 'in' 'jahr' 'jeden' 'keins' 'kind' 'kriegten' 'kroch' 'könig' 'königin' 'ladete' 'land' 'lassen' 'musste' 'mädchen' 'nicht' 'nur' 'reiche' 'sass' 'schön' 'seine' 'seinem' 'sich' 'sie' 'so' 'sollten' 'sondern' 'sprach' 'sprachen' 'tag' 'teller' 'tochter' 'trug' 'und' 'vergeht' 'verwandte' 'von' 'vor' 'war' 'waren' 'was' 'wasser' 'weil' 'weisen' 'welchen' 'welt' 'wenn' 'werden' 'wir' 'wird' 'wirst' 'wunsch' 'wusste' 'wären' 'zeiten' 'zu' 'zur' 'zwölf']

[1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 2 2 4 1 1 1 1 7 3 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 2 1 1 2 3 1 1 1 1 1 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 7 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 1 1]

Trophic Incoherence

0.7060610028792893

Tropic Levels

[ 0. 3.71351532 3.24805278 3.78610691 6.70881799 3.69465358 3.68944873 3.46622561 3.64753544 7.19018118 2.23953491 8.02390557 -0.039346 6.19018118 3.79499728 3.54705662 3.43440817 3.71116665 3.08820127 3.89419394 3.04271601 3.71821265 3.70999232 -5.70219182 3.96088806 3.60538187 3.70881799 4.02390557 3.49804304 -0.70219182 3.39850963 -8.70219182 3.79983619 5.70881799 3.71351532 2.21064454 3.277866 3.48470351 3.61138487 3.4978313 3.5855165 4.62397637 2.10657546 4.70881799 3.5109591 3.89498821 5.16600005 5.19018118 2.88132903 -6.70219182 3.48213432 5.62397637 -4.70219182 3.77183551 3.71586398 6.62397637 4.16600005 4.62397637 3.67801988 3.20903636 3.51395176 0.59561636 3.7320634 3.05992073 3.8305305 3.62793731 1.89342454 0.70219182 -2.70219182 3.45031689 3.5357818 2.58564527 -3.70219182 1.960654 3.88117657 3.63715542 3.71849581 3.67109451 2.98476515 3.71703832 3.71468965 2.80876728 5.02390557 0.960654 3.62397637 3.83485302 2.93175564 4.19018118 2.46063508 3.46381359 -7.70219182 2.04271601 3.84015043 -1.70219182 3.71586398 4.03567888 7.02390557 3.71234099 3.50194575 3.71116665 3.29507351 3.89787054 3.19163739 3.34194855 5.62397637 2.96222434 2.77789291 6.02390557 1.40438364]

[5.202762853612357, 7.422955186357844, 7.144669982861896, 7.466355385065193, 9.213751091053597, 7.411678353379474, 7.408566538329504, 7.275108556865796, 7.383507921015534, 9.501542786220167, 6.541709324835387, 10.0, 5.179239132629025, 8.903674690253718, 7.471670652262312, 7.323434842714094, 7.256085928720146, 7.421550994756046, 7.049099865159649, 7.53097717188628, 7.021905683712696, 7.425763569561445, 7.420848898955146, 1.793604287899346, 7.570851453538211, 7.358305646821814, 7.420146803154247, 7.608527616134202, 7.2941311850114445, 4.782944767731588, 7.234623334156949, 0.0, 7.47456368148732, 8.615882995087146, 7.4229551863578465, 6.524436693654027, 7.16249435983402, 7.286155904772727, 7.361894651119258, 7.294004593894464, 7.3464287737738285, 7.967290800800013, 6.462217111254664, 8.018014899120697, 7.301853283016202, 7.531452037101534, 8.291349465335953, 8.305806594287269, 6.925417552494784, 1.1957361919328973, 7.28461987093862, 8.565158896766462, 2.391472383865794, 7.457822965750239, 7.424359377959645, 9.163026992732911, 7.693481369369504, 7.967290800800013, 7.401733598244106, 7.121343313611658, 7.30364249908427, 5.558862873783717, 7.434044491654649, 7.032191832386087, 7.492914828927702, 7.37179082293417, 6.334780979835845, 5.622580939493127, 3.587208575798692, 7.265597242792971, 7.316693985220675, 6.748637669834932, 2.989340479832243, 6.374975324561924, 7.523194501370377, 7.377302041721204, 7.42593286160426, 7.397593137197503, 6.987258708827216, 7.425061473760545, 7.423657282158744, 6.882035197135433, 8.206395712100651, 5.777107228595474, 7.369422704833562, 7.495499128346229, 6.955566014834475, 7.707938498320819, 6.673898062746129, 7.2736664911321744, 0.5978680959664495, 6.424037587746246, 7.498666278475736, 4.18507667176514, 7.424359377959645, 7.615566499845596, 9.402131904033551, 7.422253090556944, 7.296464490489382, 7.421550994756045, 7.172782177824517, 7.5331752909422205, 7.110941021492082, 7.200807268609825, 8.565158896766462, 6.9737822769391515, 6.863576396162349, 8.8042638080671, 6.0423990253738955]

Betweenness Centrality

[0.01570613 0.04543094 0.02673936 0.02319142 0. 0.01531672 0.01838872 0.02893158 0.01566286 0. 0.02336449 0. 0. 0.0081343 0.03130408 0.0932993 0.05981741 0.01531672 0.0529595 0.06494462 0.02918397 0.12973059 0.04491173 0.02647975 0.02284528 0.05209415 0.38474963 0.11292114 0.02927772 0.06715126 0.05244029 0. 0.01323988 0.0081343 0.01548979 0.04283489 0.02284528 0.04586362 0.06239183 0.0193406 0.03621495 0.00804777 0.03725337 0.01609553 0.07113188 0.04694531 0. 0.01609553 0.05330564 0.01782624 0.02910465 0.0081343 0.03496019 0.02336449 0.04577709 0. 0.05516615 0.01609553 0.02284528 0.20647283 0.10932272 0.05828141 0.02301835 0.07221357 0.01365092 0.03683512 0.09280893 0.02306161 0.05140187 0.02875851 0.02344381 0.02319142 0.04326757 0.05841121 0.06014192 0.04522903 0.01306681 0.01548979 0.05313257 0.04595016 0.04560402 0.04408965 0.0241433 0.0078747 0.38097092 0.02319142 0.02301835 0.04553911 0.05719972 0.06296873 0.00899965 0. 0.02336449 0.0593631 0.01566286 0.02122274 0.00822084 0.04525787 0.05226722 0.0450848 0.05261336 0.02301835 0.05278643 0.0720405 0. 0.00623053 0.1683541 0.01626861 0.03024403]

[0.40821681598380627, 1.1807924429283656, 0.6949806949806951, 0.6027664280091466, 0.0, 0.3980957379015632, 0.477939798328148, 0.7519586160362862, 0.407092251752446, 0.0, 0.6072646849345881, 0.0, 0.0, 0.21141807549574546, 0.8136222213892121, 2.4249353375566973, 1.5547100498556814, 0.3980957379015632, 1.3764666191850663, 1.6879709112718826, 0.758518574052555, 3.371818420362111, 1.1672976721520414, 0.6882333095925331, 0.5937699141582637, 1.3539753345578593, 10.0, 2.9349252164786153, 0.7609551298871688, 1.7453236870712603, 1.3629718484087419, 0.0, 0.3441166547962666, 0.21141807549574546, 0.4025939948270047, 1.1133185890467447, 0.5937699141582637, 1.1920380852419692, 1.621621621621622, 0.5026802114180756, 0.9412602616486114, 0.20916894703302474, 0.96824980320126, 0.4183378940660495, 1.8487835963564123, 1.2201521910259778, 0.0, 0.4183378940660495, 1.3854631330359488, 0.46332046332046345, 0.7564568729617276, 0.21141807549574546, 0.9086478989391614, 0.6072646849345881, 1.1897889567792483, 0.0, 1.433819394984444, 0.4183378940660495, 0.5937699141582637, 5.366420512051581, 2.841398957903813, 1.514788019642389, 0.5982681710837052, 1.8768977021404214, 0.3548000149941899, 0.9573790156314431, 2.412190276267947, 0.5993927353150655, 1.3359823068560936, 0.7474603591108449, 0.6093263860254152, 0.6027664280091466, 1.124564231360348, 1.5181617123364701, 1.5631442815908845, 1.1755444765153509, 0.33961839787082515, 0.4025939948270047, 1.3809648761105076, 1.1942872137046898, 1.185290699853807, 1.1459309517561949, 0.6275068410990743, 0.20467069010758338, 9.901788057127865, 0.6027664280091466, 0.5982681710837052, 1.1836038535067663, 1.4866739138583804, 1.6366158113730929, 0.2339093601229524, 0.0, 0.6072646849345881, 1.5429021254263977, 0.407092251752446, 0.5515987554822506, 0.21366720395846614, 1.1762941860029243, 1.3584735914833006, 1.1717959290774826, 1.3674701053341836, 0.5982681710837052, 1.3719683622596246, 1.87239944521498, 0.0, 0.16193724931589015, 4.375679424223114, 0.4228361509914909, 0.7860703977208835]

Closeness Centrality

[0.09703779 0.12311902 0.13657056 0.14900662 0. 0.13677812 0.13473054 0.13846154 0.10948905 0. 0.13274336 0. 0.12026144 1. 0.12711864 0.19354839 0.18442623 0.18181818 0.10169492 0.15410959 0.19522777 0.15625 0.18329939 0.0807601 0.14950166 0.18367347 0.2189781 0.1734104 0.11083744 0.12712975 0.13888889 0.06666667 0.12345679 1. 0.15544041 0.13554217 0.20547945 0.13867488 0.18145161 0.15025042 0.2027027 1. 0.13199426 0.66666667 0.17509728 0.20224719 0. 0.66666667 0.08628955 0.07540264 0.12311902 1. 0.08699397 0.10575793 0.1010101 0. 0.17045455 0.66666667 0.20454545 0.22113022 0.17751479 0.13441654 0.17241379 0.16917293 0.14950166 0.16304348 0.15358362 0.10633484 0.103125 0.15817223 0.15734266 0.15050167 0.09433962 0.15463918 0.14423077 0.1598579 0.13931889 0.12162162 0.093361 0.09268795 0.11097411 0.15041322 0.5 0.13521545 0.25139665 0.1171875 0.17374517 0.11749347 0.16304348 0.19480519 0.0707483 0.16485507 0.13119534 0.11382114 0.13574661 0.12729844 1. 0.13824885 0.15817223 0.15761821 0.12379642 0.13138686 0.11166253 0.20224719 0. 0.16423358 0.16513761 0.66666667 0.11772152]

[0.9703779366700716, 1.231190150478796, 1.3657056145675268, 1.490066225165563, 0.0, 1.3677811550151975, 1.347305389221557, 1.3846153846153846, 1.094890510948905, 0.0, 1.327433628318584, 0.0, 1.2026143790849673, 10.0, 1.271186440677966, 1.935483870967742, 1.8442622950819674, 1.8181818181818183, 1.0169491525423728, 1.541095890410959, 1.9522776572668112, 1.5625, 1.8329938900203666, 0.8076009501187648, 1.495016611295681, 1.836734693877551, 2.18978102189781, 1.7341040462427746, 1.1083743842364533, 1.27129750982962, 1.3888888888888888, 0.6666666666666666, 1.2345679012345678, 10.0, 1.5544041450777202, 1.3554216867469882, 2.054794520547945, 1.3867488443759632, 1.814516129032258, 1.5025041736227047, 2.027027027027027, 10.0, 1.3199426111908177, 6.666666666666666, 1.7509727626459144, 2.0224719101123596, 0.0, 6.666666666666666, 0.8628954937679769, 0.7540263543191801, 1.231190150478796, 10.0, 0.8699397071490095, 1.0575793184488838, 1.0101010101010102, 0.0, 1.7045454545454546, 6.666666666666666, 2.0454545454545454, 2.211302211302211, 1.775147928994083, 1.3441654357459383, 1.7241379310344827, 1.6917293233082706, 1.495016611295681, 1.6304347826086958, 1.535836177474403, 1.063348416289593, 1.03125, 1.5817223198594024, 1.5734265734265733, 1.5050167224080269, 0.9433962264150944, 1.5463917525773196, 1.442307692307692, 1.5985790408525755, 1.3931888544891642, 1.2162162162162162, 0.9336099585062241, 0.9268795056642636, 1.1097410604192355, 1.5041322314049588, 5.0, 1.352154531946508, 2.5139664804469275, 1.171875, 1.7374517374517375, 1.174934725848564, 1.6304347826086958, 1.948051948051948, 0.7074829931972788, 1.6485507246376812, 1.3119533527696792, 1.1382113821138211, 1.3574660633484164, 1.272984441301273, 10.0, 1.382488479262673, 1.5817223198594024, 1.576182136602452, 1.237964236588721, 1.3138686131386859, 1.1166253101736974, 2.0224719101123596, 0.0, 1.6423357664233575, 1.651376146788991, 6.666666666666666, 1.1772151898734178]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.01098901 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.01282051 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.06666667 0. 0. ]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.6593406593406594, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.7692307692307692, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 4.0, 0.0, 0.0]

Page Rank

[0.00561026 0.00955971 0.00590384 0.00825586 0.00876989 0.00809855 0.00676388 0.00744081 0.00668749 0.00885338 0.00607602 0.00930452 0.00176585 0.00833825 0.0076167 0.01452473 0.01525237 0.00916923 0.00753235 0.01381045 0.00974908 0.02260079 0.0104135 0.00562711 0.00922025 0.00989106 0.0481834 0.02113427 0.00577713 0.00904567 0.00916847 0.00176585 0.00806115 0.00824004 0.00870986 0.0046405 0.0082741 0.01176006 0.00577713 0.00676388 0.00793886 0.00668749 0.00798806 0.0076167 0.01478749 0.00749746 0.00749746 0.00773225 0.00590384 0.00454266 0.00667641 0.00745022 0.00654889 0.0076167 0.00870986 0.00809855 0.01348613 0.00668749 0.00923167 0.01176006 0.01415744 0.00561026 0.00878331 0.00590384 0.00777594 0.0076167 0.01014159 0.00653458 0.0079984 0.00809053 0.00777594 0.00693047 0.00733241 0.00848708 0.01481245 0.01414141 0.00861782 0.00745022 0.00678412 0.00816941 0.00916923 0.0085557 0.00775388 0.00326683 0.04053113 0.00824004 0.00765676 0.01403857 0.00676388 0.01188329 0.00326683 0.00176585 0.00763529 0.0085645 0.00816941 0.00773225 0.008869 0.0098916 0.00955905 0.01017371 0.00870895 0.00876989 0.00816836 0.00678412 0.00745022 0.0046405 0.01460468 0.00835666 0.00732024]

[0.8282239134371575, 1.6790749621662877, 0.8914706870613165, 1.3981789571322336, 1.5089205157406496, 1.364288738624155, 1.076753020918511, 1.2225888334683486, 1.0602976926117667, 1.5269073091651384, 0.9285652667857164, 1.6240990482294924, 0.0, 1.4159306257799449, 1.2604815324050274, 2.7487180393094377, 2.9054777047628155, 1.5949515698185277, 1.2423102530454484, 2.5948361894906724, 1.7198721614940278, 4.488591917160804, 1.8630137548609995, 0.8318528578693366, 1.6059447539563283, 1.7504593701188194, 10.0, 4.172648983115269, 0.8641730293672858, 1.5683336778333292, 1.594788091037446, 0.0, 1.3562320757713098, 1.3947725429356617, 1.4959868913909948, 0.6193020568596815, 1.402108395691016, 2.153109305791351, 0.8641730293672858, 1.076753020918511, 1.3298872509399304, 1.0602976926117667, 1.3404861008570264, 1.2604815324050274, 2.8053274922783715, 1.2347939133523638, 1.2347939133523638, 1.285374928106621, 0.8914706870613165, 0.5982226739393012, 1.0579098177723907, 1.224615413043342, 1.0304384649521547, 1.2604815324050274, 1.4959868913909948, 1.364288738624155, 2.524967771800424, 1.0602976926117667, 1.6084050640092935, 2.153109305791351, 2.669591889905434, 0.8282239134371575, 1.5118108886308523, 0.8914706870613165, 1.29478774514227, 1.2604815324050274, 1.8044331516687508, 1.027354104921788, 1.3427144411029621, 1.3625627850618263, 1.29478774514227, 1.112644475088839, 1.1992363546024984, 1.4479925724797225, 2.810703168715606, 2.666137587317836, 1.4761600284362866, 1.224615413043342, 1.0811147344208758, 1.379555957584277, 1.5949515698185277, 1.462777145173421, 1.2900359323211572, 0.3233636733631673, 8.351427350261476, 1.3947725429356617, 1.2691116158939546, 2.6439814286949335, 1.076753020918511, 2.179657149480352, 0.3233636733631673, 0.0, 1.2644862393953966, 1.4646710142274415, 1.379555957584277, 1.285374928106621, 1.530273210711612, 1.750576121239509, 1.6789336306404359, 1.8113523833266094, 1.4957915192041182, 1.5089205157406496, 1.379328731568008, 1.0811147344208758, 1.224615413043342, 0.6193020568596815, 2.765942006144446, 1.4198958700740303, 1.1966146871564973]

French

Il était une fois un roi et une reine. Chaque jour ils se disaient: Ah! si seulement nous avions un enfant. Mais d'enfant, point. Un jour que la reine était au bain, une grenouille bondit hors de l'eau et lui dit: Ton voeu sera exaucé. Avant qu'une année ne soit passée, tu mettras une fillette au monde. Ce que la grenouille avait prédit arriva. La reine donna le jour à une fille. Elle était si belle que le roi ne se tenait plus de joie. Il organisa une grande fête. Il ne se contenta pas d'y inviter ses parents, ses amis et connaissances, mais aussi des fées afin qu'elles fussent favorables à l'enfant. Il y en avait treize dans son royaume. Mais, comme il ne possédait que douze assiettes d'or pour leur servir un repas, l'une d'elles ne fut pas invitée.

['afin' 'ah' 'amis' 'année' 'arriva' 'assiettes' 'au' 'aussi' 'avait' 'avant' 'avions' 'bain' 'belle' 'bondit' 'ce' 'chaque' 'comme' 'connaissances' 'contenta' 'dans' 'de' 'delles' 'denfant' 'des' 'disaient' 'dit' 'donna' 'dor' 'douze' 'dy' 'elle' 'en' 'enfant' 'et' 'exaucé' 'favorables' 'fille' 'fillette' 'fois' 'fussent' 'fut' 'fées' 'fête' 'grande' 'grenouille' 'hors' 'il' 'ils' 'inviter' 'invitée' 'joie' 'jour' 'la' 'le' 'leau' 'lenfant' 'leur' 'lui' 'lune' 'mais' 'mettras' 'monde' 'ne' 'nous' 'organisa' 'parents' 'pas' 'passée' 'plus' 'point' 'possédait' 'pour' 'prédit' 'que' 'quelles' 'quune' 'reine' 'repas' 'roi' 'royaume' 'se' 'sera' 'servir' 'ses' 'seulement' 'si' 'soit' 'son' 'tenait' 'ton' 'treize' 'tu' 'un' 'une' 'voeu' 'y' 'à' 'était']

[1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 2 1 5 1 1 1 1 3 3 2 1 1 1 1 1 3 1 1 5 1 1 1 2 1 1 1 1 1 1 4 1 1 3 1 2 1 3 1 1 2 1 2 1 1 1 1 1 1 4 6 1 1 2 3]

Trophic Incoherence

0.6408637565031359

Tropic Coherence

[ 0. 2.45064249 0.87559307 -1.0778405 4.06717365 0.02151973 0.7824079 -0.58732733 2.06717365 -3.0778405 -0.04820182 0.74631636 -0.33567666 1.21687111 -1.02971634 -0.94824284 -0.77714617 0.01516419 0.78744095 4.06717365 1.6240241 -0.0209779 0.2168969 -0.39155155 1.45064249 2.81343148 0.14886884 0.04713776 -0.00409831 1.06207783 -1.14540902 1.12105269 1.1496099 0.81343148 6.81343148 0.58732733 1.71022482 0.74631636 0.42991736 0.39155155 0.52319946 -0.19577578 2.71022482 1.71022482 1.01329462 1.4204476 -0.77118923 0.25119983 0.99991624 2.12423941 2.6240241 0.05175716 0.05890889 0.1045893 1.21872779 1.7831031 0.09837383 1.81343148 0.0358847 -0.7831031 0.55261175 1.7824079 -0.0778405 -0.24601354 -0.03048221 0.93775465 1.12423941 0.23738563 1.23289689 1.2168969 -0.05377842 0.0727558 3.06717365 -0.02971634 0.19577578 -2.0778405 0.19314838 0.0927473 0.24744755 6.06717365 0.45064249 5.81343148 0.12399187 0.93775465 -0.44382526 -0.64163698 0.07977256 5.06717365 0.84176969 3.81343148 3.06717365 0.39499869 0.1496099 0.71022482 4.81343148 0.17493173 0.7831031 -0.14540902]

[3.1116731035212672, 5.589253841721752, 3.9968909706293676, 2.0219846383919062, 7.223554428684771, 3.133429384712822, 3.902681477551531, 2.5178896887940723, 5.201569790292865, 0.0, 3.0629414356258216, 3.8661932083246286, 2.772306577494734, 4.34192044889753, 2.0706377928006137, 2.1530068737344887, 2.32598429770226, 3.1270039843546433, 3.907769858589782, 7.223554428684771, 4.753548990375105, 3.09046460981676, 3.3309542030809607, 2.7158174937031374, 4.578261522525799, 5.956030723216186, 3.262178358070831, 3.15932902107095, 3.107529748354694, 4.18542562804463, 1.9536733776134299, 4.24504876403508, 4.2739198856994145, 3.93404608482428, 10.0, 3.7054565182484627, 4.8406972582936785, 3.8661932083246278, 3.546316252800593, 3.507528713339397, 3.6406237357187887, 2.913745298612202, 5.851689577489632, 4.8406972582936785, 4.136106178158744, 4.547734719636318, 2.332006711519511, 3.365634198130144, 4.122580742239542, 5.259262833045671, 5.764541309571058, 3.163999192930442, 3.1712295343468515, 3.217412084060464, 4.343797537599693, 4.9143766423534805, 3.2111282937872057, 4.945038404020233, 3.14795226204566, 2.319961883885007, 3.670359342795752, 4.913673796747482, 3.032976957587859, 2.8629553047481813, 3.0808558253086185, 4.059735856434455, 4.248270513849718, 3.3516681501918058, 4.358122394693352, 4.341946522276913, 3.057303534792213, 3.185228657429078, 6.212562109488818, 3.081630111996567, 3.309600908430332, 1.0109923191959531, 3.3069446320811977, 3.2054399142745607, 3.3618406732440156, 9.245539067076677, 3.567269203329846, 8.989007680804047, 3.237027930145333, 4.059735856434455, 2.662969173870542, 2.462983042992902, 3.1923225538898325, 8.234546747880724, 3.962695799011599, 6.967023042412141, 6.212562109488818, 3.5110137464937794, 3.2629275665034614, 3.8297049390977262, 7.978015361608093, 3.288527737777296, 3.903384323157528, 2.964665696809383]

Betweenness Centrality

[0.04972079 0. 0.06507732 0.01975945 0. 0.03823024 0.02437715 0.04295533 0.04703608 0. 0.01975945 0.01900773 0.01143686 0.02770619 0. 0. 0.05988688 0.12109822 0.00300687 0.01610825 0.0772122 0.01922251 0.00762457 0.04521048 0.00762457 0.03092784 0.01519545 0.0404854 0.03597509 0.0560567 0. 0.00375859 0. 0.29277635 0. 0.05648625 0. 0.01567869 0.18531644 0.0542311 0.04639175 0.04746564 0. 0.00762457 0.07581615 0.02996134 0.06214204 0.02138817 0.05831186 0. 0. 0.11379582 0.03987686 0.08048754 0.07184278 0. 0.0449957 0.03812285 0.01696735 0.12335338 0.03629725 0. 0.17273411 0.0175043 0.00597795 0. 0.06142612 0.03178694 0.03522337 0. 0.05118843 0.04274055 0.00794674 0.14415092 0.05197595 0.00998711 0.06439719 0.0147122 0.22535438 0. 0.05648625 0.00805412 0.04725086 0.07033935 0.01524914 0.03194802 0.02953179 0.00816151 0.03296821 0.02351804 0.02384021 0.0340421 0.27412658 0.33472938 0.01589347 0.01063144 0.0937858 0.06366337]

[1.4854026307346806, 0.0, 1.944177093358999, 0.5903111966634583, 0.0, 1.1421238370227782, 0.7282643567532884, 1.283285210137953, 1.4051973051010587, 0.0, 0.5903111966634583, 0.5678537054860442, 0.34167468719923, 0.8277189605389798, 0.0, 0.0, 1.7891134638006632, 3.6177948882472455, 0.0898299647096567, 0.48123195380173234, 2.306705165222971, 0.574270131536734, 0.22778312479948665, 1.3506576836701956, 0.22778312479948665, 0.9239653512993262, 0.45396214308630084, 1.2094963105550207, 1.0747513634905355, 1.6746871992300287, 0.0, 0.11228745588707088, 0.0, 8.746658111431932, 0.0, 1.6875200513314081, 0.0, 0.46839910170035287, 5.536306277403486, 1.6201475777991659, 1.3859480269489894, 1.418030157202438, 0.0, 0.22778312479948665, 2.264998395893487, 0.8950914340712223, 1.8564859373329057, 0.6389690942145223, 1.7420596727622715, 0.0, 0.0, 3.399636402523793, 1.191316436744733, 2.4045556624959894, 2.146294513955726, 0.0, 1.3442412576195057, 1.1389156239974332, 0.5068976580044914, 3.685167361779488, 1.08437600256657, 0.0, 5.1604106512672425, 0.5229387231312158, 0.1785905250775318, 0.0, 1.8350978504972726, 0.9496310555020852, 1.0522938723131214, 0.0, 1.5292482087477273, 1.2768687840872635, 0.2374077638755213, 4.306491284354614, 1.552775104266923, 0.29836381135707407, 1.923858410865148, 0.4395251844722489, 6.732435033686237, 0.0, 1.6875200513314081, 0.24061597690086617, 1.4116137311517483, 2.101379531600898, 0.4555662495989733, 0.9544433750401025, 0.8822585819698427, 0.24382418992621108, 0.9849213987808789, 0.7025986525505293, 0.712223291626564, 1.0170035290343276, 8.189498449363706, 10.0, 0.4748155277510426, 0.3176130895091434, 2.801839375467864, 1.9019356218586247]

Closeness Centrality

[0.1019037 0. 0.1625 0.14197531 0. 0.10305776 0.13481481 0.08096085 0.46153846 0.11257485 0.16545455 0.15397631 0.15743945 0.11193112 0.15753425 0.15514334 0.15964912 0.14130435 0.0973262 0.66666667 0.14152411 0.14285714 1. 0.086915 1. 0.4 0.15798611 0.11375 0.0942029 0.11548223 0.14219474 0.35 0. 0.18958333 0. 0.13746224 0. 0.11926606 0.16396396 0.12313938 0.09722222 0.09381443 0. 1. 0.10718492 0.125 0.18647541 0.10532407 0.12853107 0. 0. 0.18163673 0.15449915 0.18571429 0.16106195 0. 0.14353312 0.33333333 0.12674095 0.16192171 0.1552901 0. 0.16366906 0.14398734 0.15555556 0.12674095 0.10630841 0.12101064 0.12569061 0. 0.15716753 0.12691771 1. 0.18495935 0.11151961 0.12550607 0.16789668 0.11389237 0.20728929 0. 0.11621967 1. 0.16515426 0.14490446 0.12745098 0.14536741 0.10898204 1. 0.11304348 0.5 0.5 0.13602392 0.19444444 0.18091451 0.66666667 0.28571429 0.15555556 0.16396396]

[1.019036954087346, 0.0, 1.625, 1.419753086419753, 0.0, 1.030577576443941, 1.348148148148148, 0.8096085409252668, 4.615384615384616, 1.125748502994012, 1.6545454545454548, 1.5397631133671743, 1.57439446366782, 1.119311193111931, 1.5753424657534245, 1.551433389544688, 1.5964912280701755, 1.4130434782608694, 0.9732620320855616, 6.666666666666666, 1.4152410575427683, 1.4285714285714288, 10.0, 0.8691499522445081, 10.0, 4.0, 1.5798611111111112, 1.1375, 0.9420289855072463, 1.1548223350253806, 1.4219474497681608, 3.5000000000000004, 0.0, 1.8958333333333333, 0.0, 1.3746223564954683, 0.0, 1.1926605504587156, 1.6396396396396395, 1.2313937753721247, 0.9722222222222223, 0.9381443298969072, 0.0, 10.0, 1.071849234393404, 1.25, 1.8647540983606559, 1.0532407407407407, 1.2853107344632768, 0.0, 0.0, 1.816367265469062, 1.5449915110356536, 1.8571428571428572, 1.6106194690265485, 0.0, 1.4353312302839116, 3.333333333333333, 1.267409470752089, 1.6192170818505336, 1.552901023890785, 0.0, 1.6366906474820144, 1.4398734177215189, 1.5555555555555556, 1.267409470752089, 1.0630841121495327, 1.2101063829787235, 1.256906077348066, 0.0, 1.5716753022452503, 1.2691771269177128, 10.0, 1.8495934959349594, 1.1151960784313726, 1.2550607287449391, 1.6789667896678968, 1.1389236545682104, 2.072892938496583, 0.0, 1.1621966794380587, 10.0, 1.6515426497277677, 1.4490445859872612, 1.2745098039215685, 1.4536741214057507, 1.089820359281437, 10.0, 1.1304347826086956, 5.0, 5.0, 1.360239162929746, 1.9444444444444446, 1.8091451292246519, 6.666666666666666, 2.8571428571428568, 1.5555555555555556, 1.6396396396396395]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.06666667 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.04761905 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.01515152 0. 0. 0. 0.06666667]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 4.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 2.857142857142857, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.9090909090909092, 0.0, 0.0, 0.0, 4.0]

Page Rank

[0.00986658 0.00796104 0.01115719 0.00642547 0.00913904 0.00945581 0.0126281 0.00560329 0.01250712 0.00249775 0.00816081 0.00786469 0.00489961 0.00746468 0.00249775 0.00249775 0.00560329 0.00995645 0.0064274 0.00913904 0.01678095 0.01062795 0.00560329 0.00726054 0.0064274 0.01096071 0.00746468 0.0105352 0.00818596 0.00867918 0.00249775 0.00593228 0.00831433 0.02632482 0.01368096 0.01248482 0.00820784 0.00820784 0.00820784 0.01174945 0.00774528 0.00866923 0.00947442 0.00820784 0.01168687 0.00884272 0.00726054 0.00720479 0.00987505 0.00867918 0.00962966 0.01661306 0.00818596 0.01453093 0.00962966 0.01006994 0.01223253 0.00995645 0.00956493 0.01096071 0.01118203 0.00786469 0.02469424 0.00666242 0.00404062 0.01115719 0.01454452 0.00908124 0.00796104 0.00726054 0.00774528 0.01145266 0.00781327 0.02007603 0.01088437 0.00462084 0.01168687 0.00831433 0.01448997 0.0112238 0.01386936 0.01315674 0.01289536 0.02037518 0.00489961 0.00565143 0.00774528 0.01026593 0.0064274 0.01181438 0.00781327 0.0102168 0.02737222 0.04030658 0.01253995 0.00404062 0.01781688 0.01113063]

[1.9489713170522063, 1.4449760658380064, 2.2903211768441203, 1.038835315522734, 1.7565434638351194, 1.8403274381385961, 2.679360220048388, 0.8213803679585246, 2.647362318514255, 0.0, 1.4978139250658133, 1.419493482880249, 0.6352636165785712, 1.3136947712648828, 0.0, 0.0, 0.8213803679585246, 1.9727403643241337, 1.0393462733118384, 1.7565434638351194, 3.7777415595425254, 2.1503452397744836, 0.8213803679585246, 1.2597035337936793, 1.0393462733118384, 2.238356037452078, 1.3136947712648828, 2.1258134509874194, 1.5044664697564798, 1.6349160733263743, 0.0, 0.9083920660370013, 1.538418125080974, 6.301984564400049, 2.95782931500039, 2.6414658569276788, 1.5102528897059002, 1.5102528897059002, 1.5102528897059002, 2.446966685112624, 1.38791191082289, 1.6322837294992962, 1.8452489748853556, 1.5102528897059002, 2.4304166087751984, 1.6781709853265592, 1.2597035337936793, 1.2449569534049996, 1.9512109475944748, 1.6349160733263743, 1.886307758698222, 3.733336918895677, 1.5044664697564798, 3.1826374550830385, 1.886307758698222, 2.0027555986340793, 2.574737798875596, 1.9727403643241337, 1.8691874426699704, 2.238356037452078, 2.296892077593744, 1.419493482880249, 5.870715250550895, 1.101506756687412, 0.4080709323748243, 2.2903211768441203, 3.1862319189023967, 1.7412558530643907, 1.4449760658380064, 1.2597035337936793, 1.38791191082289, 2.3684705288278605, 1.4058935397323502, 4.649251878855402, 2.2181642424292862, 0.5615323156985997, 2.4304166087751984, 1.538418125080974, 3.171804603197078, 2.307939054240649, 3.007658289998545, 2.819180557452421, 2.7500488269677663, 4.7283729771947165, 0.6352636165785712, 0.8341112451630318, 1.38791191082289, 2.0545951281009645, 1.0393462733118384, 2.464141103875573, 1.4058935397323502, 2.0416007366010342, 6.57901043654812, 10.0, 2.6560459699838397, 0.4080709323748243, 4.051733165182998, 2.2832980193383063]

SPANISH

Hace muchos años vivían un rey y una reina quienes cada día decían: Ah, si al menos tuviéramos un hijo! Pero el hijo no llegaba. Sin embargo, una vez que la reina tomaba un baño, una rana saltó del agua a la tierra, y le dijo: Tu deseo será realizado y antes de un año, tendrás una hija. Lo que dijo la rana se hizo realidad, y la reina tuvo una niña tan preciosa que el rey no podía ocultar su gran dicha, y ordenó una fiesta. Él no solamente invitó a sus familiares, amigos y conocidos, sino también a un grupo de hadas, para que ellas fueran amables y generosas con la niña. Eran trece estas hadas en su reino, pero solamente tenía doce platos de oro para servir en la cena, así que tuvo que prescindir de una de ellas.

['a' 'agua' 'ah' 'al' 'amables' 'amigos' 'antes' 'así' 'año' 'años' 'baño' 'cada' 'cena' 'con' 'conocidos' 'de' 'decían' 'del' 'deseo' 'dicha' 'dijo' 'doce' 'día' 'el' 'ellas' 'embargo' 'en' 'eran' 'estas' 'familiares' 'fiesta' 'fueran' 'generosas' 'gran' 'grupo' 'hace' 'hadas' 'hija' 'hijo' 'hizo' 'invitó' 'la' 'le' 'llegaba' 'lo' 'menos' 'muchos' 'niña' 'no' 'ocultar' 'ordenó' 'oro' 'para' 'pero' 'platos' 'podía' 'preciosa' 'prescindir' 'que' 'quienes' 'rana' 'realidad' 'realizado' 'reina' 'reino' 'rey' 'saltó' 'se' 'servir' 'será' 'si' 'sin' 'sino' 'solamente' 'su' 'sus' 'también' 'tan' 'tendrás' 'tenía' 'tierra' 'tomaba' 'trece' 'tu' 'tuviéramos' 'tuvo' 'un' 'una' 'vez' 'vivían' 'y' 'él']

[3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 5 1 1 1 1 2 1 1 2 2 1 2 1 1 1 1 1 1 1 1 1 2 1 2 1 1 6 1 1 1 1 1 2 3 1 1 1 2 2 1 1 1 1 6 1 2 1 1 3 1 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 2 5 7 1 1 7 1]

Trophic Incoherence

0.8742378448022349

Tropic Levels

[ 0. 0.03467259 -0.17836923 -0.1612067 0.20170235 0.06995784 0.04323954 0.02210987 -0.03639705 -2.13546291 0.01313589 -0.20411302 0.09189088 0.13887363 0.06995784 -0.00679803 -0.18695049 0.06934517 0.07715412 -0.0038987 0.06640546 -0.11091914 -0.19553176 -0.10247235 0.4185528 -0.83826532 -0.16963854 -3.45814989 -1.45814989 0.04663856 1.16173468 0.31012757 0.11607538 -0.10107452 -0.07113047 -4.13546291 -0.45814989 1.16173468 0.24635289 0.11598373 -0.10752012 0.16167189 0.07984129 0.97699395 -1.04767114 -0.15262544 -3.13546291 0.56036408 -0.02300605 -0.13983558 0.1275059 -0.10240557 -0.19801311 -0.56665511 -0.05885858 -0.08142082 0.15500727 -0.02723459 -0.04767114 -0.21269428 0.13869034 0.10463043 0.08790279 -0.22127554 -0.38245272 -0.04191605 0.10401776 0.12733704 -0.18382582 0.08252845 -0.16978797 -1.83826532 0.04663856 -0.21504024 -0.19825034 0.02331928 0.02331928 0.35768567 0.06266882 -0.16297969 0.12747451 -0.17836923 -2.45814989 0.07177979 -0.14404418 -0.03872079 -0.13546291 0.16173468 0.05703177 -1.13546291 0.09327712 -1.02300605]

[7.806888146154718, 7.8723427281616365, 7.470164386074856, 7.502563641946985, 8.187659946877071, 7.938953901263984, 7.88851535382466, 7.848626948826837, 7.738178140023854, 3.775581262877589, 7.831685947158192, 7.421565502266663, 7.980358887137247, 8.069052490176352, 7.938953901263984, 7.794054888015578, 7.453964758138793, 7.937797310168554, 7.952538974455207, 7.799528216045326, 7.932247744336186, 7.59749603944532, 7.4377651302027274, 7.613441801991206, 8.597028201363733, 6.224418737122412, 7.48664609500467, 1.2786251752799827, 5.05420643815757, 7.894931982894227, 10.0, 8.392344074120404, 8.026014154905047, 7.616080612456916, 7.672608706885379, 0.0, 6.941997069596365, 10.0, 8.271950830888551, 8.025841146908066, 7.60391266851489, 8.112090825447657, 7.957611781984964, 9.651248164919275, 5.829104379077632, 7.51876326988305, 1.8877906314387949, 8.864738212408485, 7.76345753348048, 7.542907850405829, 8.047592594097472, 7.613567872611609, 7.433080857207639, 6.73716194634469, 7.695775463730451, 7.653182691943154, 8.099509411147114, 7.755474949266004, 7.716895010516426, 7.405365874330599, 8.068706474182392, 8.004408483270902, 7.972830204574229, 7.389166246394535, 7.084897477606596, 7.727759420215151, 8.003251892175472, 8.047273810545228, 7.459863476106154, 7.962684589514719, 7.48636401401092, 4.336628105683618, 7.894931982894227, 7.400937190875064, 7.432633008868502, 7.850910064524473, 7.850910064524473, 8.482123811777798, 7.925193754292531, 7.499216615160193, 8.0475333225407, 7.470164386074856, 3.1664158067187764, 7.942393359395697, 7.534962897819114, 7.733791408997148, 7.551162525755178, 8.112209368561206, 7.914552189538816, 5.663371894316383, 7.98297581963374, 5.875666902041687]

Betweenness Centrality

[0.12657713 0.03321123 0.07765568 0.07570208 0.01916972 0.01916972 0.03880749 0.01685999 0.01062271 0.02002442 0.05238095 0.08058608 0.01783679 0.00964591 0.02869353 0.22006512 0.07863248 0.03418803 0.03052503 0.03247863 0.05091575 0.02686203 0.07960928 0.04230769 0.02112332 0.00989011 0.07256817 0. 0.01978022 0.02014652 0. 0.02014652 0.01062271 0.03345543 0.02995523 0. 0.08854294 0. 0.0546805 0.02588523 0.04806675 0.21201669 0.02806268 0. 0. 0.07472527 0.01013431 0.02112332 0.12047212 0.02474562 0. 0.01231176 0.03756614 0.02222222 0.02588523 0.02572243 0.01916972 0.01965812 0.13933659 0.08156288 0.07374847 0.02490842 0.02857143 0.13521571 0.02319902 0.13509361 0.03516484 0.02686203 0.0014652 0.02954823 0.07667888 0. 0.02771673 0.08762719 0.06837607 0.02112332 0.02673993 0.02014652 0.00964591 0.02783883 0.03299756 0.01632072 0.01001221 0.03150183 0.07374847 0.0232906 0.27461335 0.23941799 0.02641433 0.02967033 0.29314204 0. ]

[4.317945157931273, 1.1329399514057616, 2.6490801804928843, 2.5824366539396038, 0.6539396043040611, 0.6539396043040611, 1.3238458868448453, 0.5751475182228393, 0.3623741756334606, 0.683096147171121, 1.786879555709823, 2.7490454703228044, 0.6084692814994793, 0.32905241235682053, 0.9788267962513014, 7.507115584866367, 2.682401943769524, 1.166261714682402, 1.0413051023950015, 1.1079486289482818, 1.7368969107948626, 0.9163484901076016, 2.715723707046164, 1.4432488719194725, 0.7205831308573412, 0.3373828531759805, 2.4755293300937176, 0.0, 0.674765706351961, 0.6872613675807011, 0.0, 0.6872613675807011, 0.3623741756334606, 1.1412703922249217, 1.0218674071502947, 0.0, 3.020479000347102, 0.0, 1.8653245400902463, 0.8830267268309613, 1.63970843457133, 7.232558139534883, 0.9573064908018047, 0.0, 0.0, 2.549114890662964, 0.34571329399514056, 0.7205831308573412, 4.109684137452273, 0.8441513363415484, 0.0, 0.419993057965984, 1.2814994793474488, 0.7580701145435612, 0.8830267268309613, 0.8774730996181883, 0.6539396043040611, 0.670600485942381, 4.753210690732384, 2.7823672335994445, 2.515793127386324, 0.8497049635543213, 0.9746615758417214, 4.612634501909059, 0.7913918778202013, 4.608469281499479, 1.1995834779590417, 0.9163484901076016, 0.04998264491496008, 1.0079833391183617, 2.6157584172162442, 0.0, 0.9455050329746615, 2.9892398472752513, 2.332523429364804, 0.7205831308573412, 0.9121832696980214, 0.6872613675807011, 0.32905241235682053, 0.9496702533842415, 1.1256508156889968, 0.5567511280805276, 0.3415480735855605, 1.0746268656716416, 2.515793127386324, 0.7945157931273863, 9.367927802846234, 8.167303019784795, 0.9010760152724746, 1.0121485595279416, 10.0, 0.0]

Closeness Centrality

[0.22346369 0.18475751 0.11428571 0.14184397 0.19323671 0.19417476 0.19607843 0.1946472 0.16494845 0.15678776 0.19512195 0.08849558 0.16393443 0.17621145 0.13793103 0.24096386 0.10416667 0.15748031 0.1426025 0.19417476 0.1843318 0.16736402 0.09569378 0.18779343 0.14184397 0.19565217 0.19950125 0.12691131 0.16564417 0.16494845 0. 0.16359918 0.1509434 0.16494845 0.19512195 0.12173913 0.19607843 0. 0.13769363 0.16359918 0.18475751 0.21164021 0.15686275 0. 0.19518072 0.16129032 0.1369637 0.14234875 0.15810277 0.14414414 0.19607843 0.17278618 0.20671835 0.17316017 0.19753086 0.12738854 0.19512195 0.19607843 0.23952096 0.08230453 0.13961606 0.19323671 0.1937046 0.20942408 0.14953271 0.2247191 0.13722127 0.14184397 0.16913319 0.16427105 0.12658228 0.16532258 0.15810277 0.16806723 0.1659751 0.14336918 0.18518519 0.16460905 0.19559902 0.14519056 0.19184652 0.18348624 0.14360771 0.12598425 0.18691589 0.21978022 0.22222222 0.24024024 0.1946472 0.18367347 0.2359882 0.13798978]

[9.273743016759777, 7.6674364896073905, 4.742857142857143, 5.886524822695034, 8.019323671497585, 8.058252427184465, 8.137254901960784, 8.077858880778589, 6.845360824742268, 6.506692160611854, 8.097560975609756, 3.672566371681416, 6.80327868852459, 7.312775330396477, 5.724137931034483, 9.999999999999998, 4.322916666666666, 6.535433070866141, 5.918003565062388, 8.058252427184465, 7.649769585253456, 6.945606694560669, 3.971291866028708, 7.793427230046948, 5.886524822695034, 8.119565217391303, 8.27930174563591, 5.266819571865443, 6.874233128834357, 6.845360824742268, 0.0, 6.789366053169735, 6.264150943396226, 6.845360824742268, 8.097560975609756, 5.052173913043479, 8.137254901960784, 0.0, 5.714285714285715, 6.789366053169735, 7.6674364896073905, 8.783068783068783, 6.509803921568627, 0.0, 8.100000000000001, 6.693548387096774, 5.6839933993399345, 5.90747330960854, 6.561264822134387, 5.981981981981982, 8.137254901960784, 7.170626349892009, 8.578811369509046, 7.186147186147186, 8.19753086419753, 5.286624203821656, 8.097560975609756, 8.137254901960784, 9.940119760479043, 3.415637860082305, 5.794066317626527, 8.019323671497585, 8.038740920096853, 8.69109947643979, 6.205607476635515, 9.325842696629215, 5.694682675814751, 5.886524822695034, 7.019027484143764, 6.817248459958932, 5.253164556962026, 6.860887096774193, 6.561264822134387, 6.974789915966386, 6.887966804979253, 5.949820788530466, 7.685185185185184, 6.83127572016461, 8.117359413202935, 6.02540834845735, 7.9616306954436435, 7.614678899082569, 5.959719789842383, 5.228346456692913, 7.757009345794392, 9.120879120879122, 9.222222222222223, 9.96996996996997, 8.077858880778589, 7.622448979591837, 9.793510324483776, 5.726575809199319]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.02222222 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0.03636364 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0.01515152 0. 0. 0. 0. 0.1 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.16666667 0.02222222 0.02197802 0. 0. 0.02197802 0. ]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.22222222222222224, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.36363636363636365, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.15151515151515152, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.22222222222222224, 0.2197802197802198, 0.0, 0.0, 0.2197802197802198, 0.0]

Page Rank

[0.02303831 0.00894533 0.00881693 0.00974751 0.01280898 0.00941235 0.00864942 0.0091954 0.0073948 0.00469621 0.0073948 0.0067099 0.0086704 0.00917755 0.00864942 0.03365515 0.00822516 0.00837622 0.00868218 0.00845911 0.01468492 0.00725229 0.00752896 0.01092804 0.0130543 0.00337726 0.01302961 0.00182554 0.00469621 0.00892565 0.0069931 0.01292169 0.00864942 0.0078042 0.0073948 0.00182554 0.01153871 0.0069931 0.01203922 0.00837622 0.0063844 0.04026392 0.00864942 0.00713161 0.00182554 0.01011091 0.00337726 0.01383796 0.01872727 0.0078874 0.00864942 0.00754693 0.01314438 0.00845911 0.00798999 0.00713161 0.01337518 0.00733291 0.03887555 0.0057463 0.01383796 0.00894533 0.00965014 0.01383796 0.0078042 0.01203922 0.00770668 0.00770668 0.00741191 0.00920541 0.00931993 0.00182554 0.00917755 0.01072673 0.01406744 0.00835307 0.00962647 0.01358782 0.00811113 0.0063844 0.0086704 0.0057463 0.00337726 0.00806664 0.01041983 0.01125367 0.03276036 0.04255634 0.0069931 0.00581733 0.05619659 0.00182554]

[3.901482259371177, 1.3094814205812968, 1.2858655460528796, 1.457018316912599, 2.020089565878025, 1.3953761855277684, 1.2550564774530022, 1.35547375858811, 1.024305827232803, 0.5279775856724406, 1.024305827232803, 0.8983375273928402, 1.2589163623992052, 1.3521908102031164, 1.2550564774530022, 5.854146690308378, 1.1770264102217332, 1.2048096319218091, 1.2610824011436745, 1.2200554143694364, 2.365114095583087, 0.9980950513715785, 1.0489801422783451, 1.6741433605091838, 2.0652079920088005, 0.2853933183349027, 2.0606683503808214, 0.0, 0.5279775856724406, 1.3058606906596952, 0.9504240606587957, 2.040818793031741, 1.2550564774530022, 1.0996022209093257, 1.024305827232803, 0.0, 1.7864589237748543, 0.9504240606587957, 1.8785135714853416, 1.2048096319218091, 0.8384717347591573, 7.0696409774998195, 1.2550564774530022, 0.9758993388719672, 0.0, 1.5238556852731127, 0.2853933183349027, 2.209340423058001, 3.1085888545046023, 1.1149058539034156, 1.2550564774530022, 1.0522847066288303, 2.0817753658298246, 1.2200554143694364, 1.1337740039195034, 0.9758993388719672, 2.124225945508715, 1.01292328537997, 6.814289916897948, 0.7211115614982158, 2.209340423058001, 1.3094814205812968, 1.4391097897951188, 2.209340423058001, 1.0996022209093257, 1.8785135714853416, 1.0816673422473237, 1.0816673422473237, 1.0274514523006797, 1.357314990863471, 1.3783783684926394, 0.0, 1.3521908102031164, 1.6371194140011807, 2.251546578758499, 1.2005515677870973, 1.4347580994762148, 2.1633346844946475, 1.1560546194027066, 0.8384717347591573, 1.2589163623992052, 0.7211115614982158, 0.2853933183349027, 1.1478713270157455, 1.5806735464976254, 1.7340348468781857, 5.68957590179684, 7.491265212917978, 0.9504240606587957, 0.7341742171460242, 10.0, 0.0]

POLISH

Dawno temu żył sobie król i królowa, a zwykli oni byli codziennie mawiać: Ach, gdybyśmy mięli dziecko, lecz dziecko ciągle nie przychodziło na świat. Zdarzyło się raz, że gdy królowa siedziała w kąpieli , z wody na ląd wyskoczyła żaba i rzekła do niej: Twoje życzenie spełni się. Nim minie rok, na świat wydasz córeczkę. Co żaba rzekła, to się też stało. Królowa urodziła córeczkę, a była ona tak piękna, że król nie posiadał się z radości i wydał wielką ucztę. Zaprosił nie tylko krewnych, przyjaciół i znajomych, lecz także mądre wróżki, aby sprzyjały dziecku i zadbały o jego szczęście. Było ich trzynaście w królestwie, lecz król miał tylko dwanaście złotych talerzy, z których miały jeść. Jedna musiała zostać więc w domu.

['a' 'aby' 'ach' 'byli' 'była' 'było' 'ciągle' 'co' 'codziennie' 'córeczkę' 'dawno' 'do' 'domu' 'dwanaście' 'dziecko' 'dziecku' 'gdy' 'gdybyśmy' 'i' 'ich' 'jedna' 'jego' 'jeść' 'krewnych' 'król' 'królestwie' 'królowa' 'których' 'kąpieli' 'lecz' 'ląd' 'mawiać' 'miał' 'miały' 'minie' 'mięli' 'musiała' 'mądre' 'na' 'nie' 'niej' 'nim' 'o' 'ona' 'oni' 'piękna' 'posiadał' 'przychodziło' 'przyjaciół' 'radości' 'raz' 'rok' 'rzekła' 'siedziała' 'się' 'sobie' 'spełni' 'sprzyjały' 'stało' 'szczęście' 'tak' 'także' 'talerzy' 'temu' 'też' 'to' 'trzynaście' 'twoje' 'tylko' 'ucztę' 'urodziła' 'w' 'wielką' 'więc' 'wody' 'wróżki' 'wydasz' 'wydał' 'wyskoczyła' 'z' 'zadbały' 'zaprosił' 'zdarzyło' 'znajomych' 'zostać' 'zwykli' 'złotych' 'świat' 'żaba' 'że' 'życzenie' 'żył']

[2 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 5 1 1 1 1 1 3 1 3 1 1 3 1 1 1 1 1 1 1 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 3 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1 2 2 2 1 1]

Trophic Incoherence

0.6974366741259969

Tropic Levels

[ 0. -0.12371574 -0.27663368 -0.13831684 -0.04601171 -3.81336722 -0.47920979 -1.41686454 -0.18442245 0.4390552 -4.50140099 0.02375528 0.18663278 -0.16903134 -0.41495052 0.01736323 -0.28849821 -0.3227393 0.08790272 -2.81336722 -4.81336722 3.08790272 3.31270992 -0.19044026 -0.50140099 -0.60962046 -0.34693787 1.31270992 -0.25032865 -0.4058737 -0.18214792 -0.23052807 -0.41550637 2.31270992 -2.06478961 -0.36884491 -3.81336722 -0.26479472 -0.06478961 -0.54346905 0.08650068 -3.06478961 2.08790272 -0.09202342 -0.09221123 -0.18404683 -0.10299339 -0.30412933 -0.05126877 0.20030632 0.05371186 -1.06478961 -0.03899012 -0.58015255 0.33748227 -1.50140099 0.27473687 -0.05317626 2.33748227 4.08790272 -0.13803513 -0.33533421 0.1521295 -3.50140099 1.33748227 0.14924608 -1.81336722 0.14924608 -0.32961176 3.08790272 0.04605866 -0.81336722 2.08790272 -1.81336722 0.12396015 -0.19425523 0.27110693 1.08790272 -0.29950623 0.31270992 1.08790272 -1.54346905 -0.66251773 -0.15898549 -2.81336722 -0.04610561 -0.00845092 0.10315866 -0.41686454 -0.23005854 0.21199147 -2.50140099]

[5.407506176790321, 5.268519554714303, 5.096726159735176, 5.252116168262748, 5.355815003889444, 1.1234352027700154, 4.869145032566713, 3.8157506734036803, 5.200319498753557, 5.900756240336057, 0.3504738448633298, 5.434193696266974, 5.617176013850077, 5.217610422253219, 4.9413361512076035, 5.427012644184728, 5.083397133970294, 5.044929490225985, 5.50625918891994, 2.246870405540031, 0.0, 8.876564797229985, 9.129121115662159, 5.193558881120148, 4.844214655943392, 4.722637093426757, 5.017743955654649, 6.882250710122129, 5.1262781592160875, 4.951533375773454, 5.20287479184812, 5.148522829244367, 4.940711691581822, 8.005685912892144, 3.087848844145301, 4.993132820716795, 1.1234352027700159, 5.110026465243878, 5.334719249685332, 4.796953913925823, 5.504684084173693, 1.9644136413752855, 7.75312959445997, 5.304123830988568, 5.30391283777194, 5.200741485186815, 5.291799774863196, 5.065836581805578, 5.349909035020044, 5.632537348136027, 5.467847974043253, 4.211284046915317, 5.363703308360255, 4.755742383367355, 5.786645635800568, 3.720779453173377, 5.716155247893849, 5.347766099449515, 8.033516041340599, 10.0, 5.252432658087691, 5.030779920508666, 5.578413812319148, 1.4739090476333452, 6.910080838570583, 5.575174472080413, 3.3703056083100464, 5.575174472080413, 5.0372087272202535, 8.876564797229987, 5.459250097995354, 4.493740811080062, 7.753129594459971, 3.3703056083100464, 5.546767378518723, 5.1892730099790905, 5.712077243452482, 6.629694391689956, 5.071030334010907, 5.758815507352114, 6.629694391689955, 3.6735187111558085, 4.663210433030552, 5.228896282346696, 2.2468704055400313, 5.35570950728113, 5.398012117286184, 5.523398246568906, 4.9391858761736955, 5.149050312285938, 5.64566485998713, 2.597344250403361]

Betweenness Centrality

[0.13833944 0.04432234 0.06202686 0.06349206 0.06385836 0. 0.02967033 0. 0.06300366 0.03852259 0. 0.03687424 0. 0.02161172 0.07631258 0.04334554 0.03105413 0.06153846 0.37562068 0.00927961 0. 0.00989011 0. 0.03717949 0.2509768 0.0542735 0.16393976 0.01929182 0.03632479 0.20372405 0.05860806 0.06251526 0.02326007 0.00976801 0.00927961 0.06105006 0.00940171 0.04529915 0.09210419 0.13571429 0.03638584 0. 0.01953602 0.06336996 0.06398046 0.06239316 0.05091575 0.02875458 0.03669109 0.0974766 0.04277574 0.01831502 0.095116 0.04664225 0.16080586 0.02747253 0.03492063 0.04383394 0. 0. 0.06288156 0.04578755 0.02063492 0.00940171 0.00964591 0.04822955 0.01831502 0.03589744 0.06880342 0. 0.00698006 0.11025641 0.00976801 0.02747253 0.02733008 0.04481074 0.02299552 0.01929182 0.05811966 0.16375661 0.02893773 0. 0. 0.09474969 0.01855922 0.06446886 0.02112332 0.02348392 0.06678877 0.11371591 0.03540904 0.01855922]

[3.68295589988081, 1.1799761620977354, 1.6513165023296132, 1.690323978762596, 1.7000758478708418, 0.0, 0.7899013977679055, 0.0, 1.6773214866182684, 1.0255715678838444, 0.0, 0.9816881568967386, 0.0, 0.5753602773864991, 2.0316393975511975, 1.15397117780908, 0.826741792176834, 1.6383140101852856, 10.0, 0.24704735074222559, 0.0, 0.2633004659226352, 0.0, 0.9898147144869434, 6.681655650666376, 1.444901939538411, 4.364503196445986, 0.5135984397009427, 0.96706035323437, 5.423664535702676, 1.5602990573193196, 1.6643189944739407, 0.6192436883736049, 0.26004984288655325, 0.24704735074222559, 1.6253115180409576, 0.2502979737783075, 1.2059811463863908, 2.4520533102177913, 3.613067504605049, 0.9686856647524109, 0.0, 0.5200996857731065, 1.687073355726514, 1.7033264709069236, 1.661068371437859, 1.3555098060461588, 0.7655217249972911, 0.9768122223426157, 2.595080723805396, 1.1388016036406978, 0.4875934554122874, 2.532235345107812, 1.2417379997832918, 4.281070538519883, 0.7313901831184311, 0.9296781883194278, 1.1669736699534077, 0.0, 0.0, 1.6740708635821864, 1.2189836385307182, 0.5493552930978437, 0.2502979737783075, 0.2567992198504713, 1.2839960992523567, 0.4875934554122874, 0.955683172608083, 1.8317260808321594, 0.0, 0.18582728356268283, 2.93531260158197, 0.26004984288655325, 0.7313901831184311, 0.7275977895763356, 1.192978654242063, 0.6122006717954276, 0.5135984397009427, 1.547296565174992, 4.359627261891863, 0.770397659551414, 0.0, 0.0, 2.5224834759995662, 0.49409470148445117, 1.7163289630512513, 0.5623577852421715, 0.6252031639397552, 1.7780908007368077, 3.0274135876042907, 0.9426806804637554, 0.49409470148445117]

Closeness Centrality

[0.11437403 0.13729128 0.12292359 0.09426752 0.11455108 0.11273792 0.14203455 0.16411379 0.10220994 0.10393258 0.12149533 0.09866667 0. 0.12111293 0.17661098 0.18181818 0.13577982 0.13678373 0.2170088 0.12541254 0.10249671 1. 0. 0.15578947 0.2202381 0.16704289 0.15481172 0.66666667 0.15195072 0.19733333 0.14396887 0.11161388 0.13479053 1. 0.11127379 0.15416667 0.11273792 0.11028316 0.13909774 0.16263736 0.1080292 0.10131579 0.66666667 0.12780656 0.08747045 0.16629213 0.14979757 0.1239531 0.18137255 0.1804878 0.1655481 0.12355848 0.13883677 0.1414914 0.17411765 0.18248175 0.15102041 0.1564482 0. 0. 0.14453125 0.10040706 0.15320911 0.13652482 1. 0.14979757 0.14150943 0.11935484 0.15352697 0. 0.0952381 0.16263736 1. 0.14150943 0.12374582 0.12231405 0.09560724 0.66666667 0.16517857 0.17661098 0.5 0.14150943 0.15 0.16591928 0.12541254 0.08158765 0.13528336 0.08851675 0.19371728 0.1957672 0.13333333 0.15605749]

[1.1437403400309119, 1.37291280148423, 1.2292358803986712, 0.9426751592356687, 1.1455108359133128, 1.1273792093704247, 1.420345489443378, 1.6411378555798686, 1.022099447513812, 1.0393258426966292, 1.2149532710280373, 0.9866666666666667, 0.0, 1.2111292962356792, 1.766109785202864, 1.8181818181818183, 1.3577981651376148, 1.3678373382624769, 2.1700879765395893, 1.254125412541254, 1.0249671484888305, 10.0, 0.0, 1.5578947368421052, 2.2023809523809526, 1.6704288939051917, 1.5481171548117154, 6.666666666666666, 1.5195071868583163, 1.9733333333333334, 1.4396887159533072, 1.1161387631975868, 1.3479052823315119, 10.0, 1.1127379209370425, 1.5416666666666667, 1.1273792093704247, 1.1028315946348735, 1.3909774436090225, 1.6263736263736264, 1.0802919708029197, 1.013157894736842, 6.666666666666666, 1.2780656303972364, 0.8747044917257684, 1.6629213483146068, 1.4979757085020242, 1.2395309882747068, 1.8137254901960784, 1.8048780487804876, 1.6554809843400449, 1.2355848434925865, 1.3883677298311445, 1.4149139579349903, 1.741176470588235, 1.8248175182481752, 1.5102040816326532, 1.5644820295983086, 0.0, 0.0, 1.4453125, 1.0040705563093621, 1.5320910973084887, 1.3652482269503547, 10.0, 1.4979757085020242, 1.4150943396226414, 1.1935483870967742, 1.5352697095435686, 0.0, 0.9523809523809523, 1.6263736263736264, 10.0, 1.4150943396226414, 1.2374581939799332, 1.2231404958677685, 0.9560723514211887, 6.666666666666666, 1.6517857142857142, 1.766109785202864, 5.0, 1.4150943396226414, 1.5, 1.6591928251121077, 1.254125412541254, 0.8158765159867696, 1.3528336380255943, 0.8851674641148324, 1.93717277486911, 1.9576719576719577, 1.3333333333333333, 1.5605749486652978]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.02222222 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. ]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.3333333333333335, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0]

Page Rank

[0.02245064 0.01088962 0.01288475 0.0122534 0.01162495 0.00208343 0.01066571 0.00208343 0.01249883 0.01789179 0.00208343 0.00829828 0.0073077 0.00848938 0.02019358 0.01172212 0.01097181 0.01303549 0.03999716 0.00385435 0.00208343 0.01027227 0.01034546 0.00848938 0.02353626 0.0073077 0.01820899 0.00898426 0.0073077 0.02442774 0.01090826 0.01270744 0.00875204 0.00972005 0.00385435 0.01316358 0.00385435 0.00973738 0.02076429 0.01958883 0.00913697 0.00208343 0.00963391 0.01196464 0.01196464 0.01249883 0.00763361 0.00763361 0.00929942 0.00898426 0.00965459 0.00535963 0.01462319 0.00724264 0.02672171 0.00663911 0.01097087 0.01133962 0.01028983 0.01081486 0.0122534 0.00900464 0.00998794 0.00385435 0.00965459 0.00829828 0.00535963 0.00984986 0.01507285 0.01027227 0.00724264 0.01843858 0.00963391 0.00663911 0.00898426 0.01036021 0.01135546 0.00888294 0.01135546 0.02435589 0.00888294 0.00208343 0.00208343 0.00888294 0.00535963 0.01162495 0.00929942 0.01090826 0.01350649 0.02091384 0.01045581 0.00535963]

[5.371988510703138, 2.3226921730604126, 2.848921313749575, 2.682396840284471, 2.5166386916902113, 0.0, 2.263634092352505, 0.0, 2.7471303748681937, 4.169561376504097, 0.0, 1.6392069689835578, 1.377935240581733, 1.6896119362548485, 4.776673023748328, 2.542267856815695, 2.3443690414423837, 2.8886799030039665, 10.0, 0.46709090134184766, 0.0, 2.159861135537815, 2.1791665538368314, 1.6896119362548485, 5.658327232804808, 1.377935240581733, 4.253223406636652, 1.8201393504978538, 1.377935240581733, 5.893461214811831, 2.3276079613538787, 2.802152244733922, 1.758890952598688, 2.0142089860556274, 0.46709090134184766, 2.922464654518376, 0.46709090134184766, 2.018779972806746, 4.927202604866602, 4.617167217540438, 1.8604175688824816, 0.0, 1.991490589009359, 2.6062339977434936, 2.6062339977434936, 2.7471303748681937, 1.4638963480836027, 1.4638963480836027, 1.9032642287442554, 1.8201393504978538, 1.996945014311378, 0.8641183348005873, 3.3074452277442985, 1.3607752166977147, 6.498510261622375, 1.2015916427163882, 2.3441220292566873, 2.4413818286063504, 2.164492836806854, 2.3029723802954347, 2.682396840284471, 1.8255142268915883, 2.084866644080301, 0.46709090134184766, 1.996945014311378, 1.6392069689835578, 0.8641183348005873, 2.0484475733278424, 3.426044955918375, 2.159861135537815, 1.3607752166977147, 4.313780760658496, 1.991490589009359, 1.2015916427163882, 1.8201393504978538, 2.1830557516766, 2.445559169709064, 1.7934170352014283, 2.445559169709064, 5.874510001413941, 1.7934170352014283, 0.0, 0.0, 1.7934170352014283, 0.8641183348005873, 2.5166386916902113, 1.9032642287442554, 2.3276079613538787, 3.0129071243746726, 4.9666450815407766, 2.2082717579362803, 0.8641183348005873]

JAPANESE

昔、子供ができなくて、毎日ああ、子供がいればなあと言っていた王様とお后さまがいました。しかしあるときお妃さまが水浴びしていると、蛙が水から陸にあがり、あなたの望みはかなえられますよ。１年経たないうちに娘が産まれます。と言いました。蛙の言ったことが本当になり、お后さまはとても可愛い女の子を産みました。王様は喜びを抑えられなくて、大宴会を開くことを命じました。そして親戚や友達や知人だけでなく、やさしく子供によい運をつけるようにと賢い女の人たちも招きました。この王国には１３人の賢い女の人たちがいましたが、食事を出す金のお皿が１２人分しかなかったので一人は家に残さなければなりませんでした。

['あ' 'い' 'う' 'え' 'お' 'か' 'が' 'き' 'く' 'け' 'こ' 'さ' 'し' 'じ' 'す' 'せ' 'そ' 'た' 'だ' 'ち' 'っ' 'つ' 'て' 'で' 'と' 'な' 'に' 'の' 'は' 'ば' 'び' 'ま' 'み' 'も' 'や' 'よ' 'ら' 'り' 'る' 'れ' 'を' 'ん' '一' '事' '人' '会' '供' '出' '分' '友' '可' '后' '命' '喜' '国' '大' '女' '妃' '娘' '子' '宴' '家' '年' '当' '愛' '戚' '抑' '招' '日' '昔' '望' '本' '様' '残' '毎' '水' '浴' '王' '産' '皿' '知' '経' '蛙' '親' '言' '賢' '運' '達' '金' '開' '陸' '食' '１' '２' '３']

[ 6 11 2 2 4 5 11 3 5 3 3 5 13 1 3 1 1 14 1 3 3 1 6 4 9 11 7 9 5 2 2 13 2 2 3 3 3 3 3 5 6 1 1 1 6 1 3 1 1 1 1 2 1 1 1 1 3 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 2 1 3 2 1 1 1 2 1 3 2 1 1 1 1 1 1 3 1 1]

Trophic Incoherence

0.9599725020669253

Tropic Levels

[ 0. 0.04965666 -0.00716372 0.53966234 0.11640533 -0.01315482 -0.08101159 0.02380097 -0.18644123 0.11856268 -0.19315448 0.26817874 0.07658151 0.15440968 0.12563762 0.15059453 -0.92341849 -0.10009366 -0.01753027 -0.28458314 -0.1208717 0.06514881 -0.2309138 0.00028949 -0.2386389 0.11305134 -0.06274877 -0.24744413 -0.14229516 0.21187394 -0.06953945 0.22574706 -0.00035464 -0.17189797 -0.02542777 0.26902039 0.23023705 -0.12516157 0.23972017 0.31069654 0.01173493 0.07544201 -0.07666686 -0.01918058 -0.15362321 -0.04892725 -0.36721088 0.06868627 -0.03852085 -0.02542777 -0.09804642 0.19229204 0.08307231 -0.10591731 -0.16388337 -0.17025162 -0.09889374 0.19229204 -0.07188018 0.04212774 -0.10958944 -0.10252197 -0.31542346 -0.06883638 -0.02419488 -0.09392312 0.27569864 -0.0740485 -0.07697127 -0.95787226 -0.12389938 -0.07492399 -0.54865067 0.10271498 -0.15394254 -0.45157446 -0.26055695 -0.26501796 0.03902894 0.01769687 -0.08952549 -0.20775856 -0.52236488 -0.16241846 -0.13932452 0.18785788 0.0306958 -0.02542777 -0.06090326 -0.08735315 0.08374414 -0.05009609 -0.42308835 -0.28835578 -0.28835578]

[6.39632805825934, 6.727917469389032, 6.348491330590698, 10.0, 7.173641175456078, 6.308484891734144, 5.855361645437809, 6.555262418455605, 5.151340263832516, 7.188047196064223, 5.106511583777436, 8.187129693145602, 6.907711995078481, 7.4274206271807985, 7.235291075115004, 7.401944449279319, 0.2300699828181015, 5.727938434864822, 6.279267221330481, 4.495983716648623, 5.589190117178102, 6.831368456833579, 4.854368336368559, 6.398261183898499, 4.802782913312117, 7.151244461215055, 5.977314213301466, 4.743984723100292, 5.446131931028661, 7.811146399930511, 5.931968476957953, 7.903786081969729, 6.393959918708047, 5.248454971308704, 6.226530479670355, 8.192749923023666, 7.933768667723097, 5.5605438820155255, 7.997093514461753, 8.471048338645966, 6.474689717602937, 6.900102816588909, 5.884374215247619, 6.268247026881228, 5.370487246596739, 6.069609372294343, 3.9442252862464264, 6.854990396358971, 6.1390996208376105, 6.226530479670355, 5.74160913733548, 7.68038543430084, 6.951055172391868, 5.6890502039933075, 5.30197361327852, 5.259448681677155, 5.735951096244662, 7.68038543430084, 5.916337929369638, 6.677642012260379, 5.664529026985748, 5.711723072165064, 4.290043136106494, 5.936663357346914, 6.234763303362256, 5.769143098569757, 8.23734485880147, 5.901858694882155, 5.882341484295747, 0.0, 5.56897232090417, 5.896012501392361, 2.7326352817786574, 7.0822219532235335, 5.368354910332153, 3.38087550535622, 4.656421991157087, 4.626633013255572, 6.656949340929631, 6.514501410446943, 5.798508863133547, 5.008990785485658, 2.908162423196613, 5.311755717469158, 5.465968805744887, 7.650775706020609, 6.601303593495985, 6.226530479670355, 5.989637899107648, 5.813014990717726, 6.955541440512282, 6.0618043361595175, 3.5710954867273306, 4.470791366662034, 4.470791366662034]

Betweenness Centrality

[0.06840676 0.12680303 0.01867193 0.01775744 0.0362748 0.03588084 0.16943279 0.0312943 0.08985283 0.03621797 0.01391041 0.07823311 0.13915527 0.01040952 0.03088375 0.0106383 0. 0.13796636 0.00353693 0.02249771 0.00882922 0.00884618 0.11771581 0.06491559 0.14200198 0.15973531 0.11453021 0.10602633 0.09591311 0. 0.02190574 0.16998746 0.01856659 0.03209601 0.07889009 0.0235533 0.03432217 0.01716695 0.02288378 0.04680727 0.13797722 0.01040952 0.00543531 0.01201098 0.09078511 0.02070464 0.01929724 0.01074149 0.00536491 0.0106383 0.01344086 0.00446258 0.0106383 0.0079356 0.00351941 0.02116221 0.00557653 0.00446258 0.00217342 0.04827019 0.02093342 0.00678108 0.01180748 0.01119309 0.01321208 0.0118127 0.00447457 0.00767368 0.01065736 0. 0.00339312 0.01142187 0.0087032 0.00364873 0.01088614 0.01556807 0.00367502 0.02320407 0.03994834 0.00561547 0.01243014 0.0115787 0.00605452 0.01204149 0.00906222 0.00356392 0.01160027 0.01040952 0.01171382 0.02541393 0.01097702 0.01223976 0.04838219 0.00742028 0.00742028]

[4.024223987908599, 7.459552344446016, 1.0984296099192257, 1.044632294435774, 2.1339690820837713, 2.1107935392308086, 9.967369966021343, 1.840977225470226, 5.285850304963016, 2.1306257401238775, 0.818319494987135, 4.60228743845209, 8.186207951205885, 0.6123697203745213, 1.8168250149698706, 0.6258283955475876, 0.0, 8.116266975839427, 0.208070013883692, 1.3234924698314174, 0.5194044146083295, 0.5204021066919008, 6.924970481405776, 3.8188460475998087, 8.353673745344722, 9.396887830661292, 6.737568084042883, 6.237303128347809, 5.642364061892271, 0.0, 1.288668147821108, 10.0, 1.0922328727085848, 1.8881399711547737, 4.640935733249668, 1.3855905341510044, 2.019100357630473, 1.009895015229726, 1.3462039841859672, 2.7535721879810198, 8.116905879070519, 0.6123697203745213, 0.3197476798705948, 0.7065804465859861, 5.340694664716364, 1.2180101031625092, 1.1352152174996273, 0.6318988072328644, 0.31560593280840704, 0.6258283955475876, 0.790697166417651, 0.2625242770365392, 0.6258283955475876, 0.46683444320545003, 0.20703928641233812, 1.244927453508642, 0.3280552073434935, 0.2625242770365392, 0.12785741414413077, 2.839632583866337, 1.2314687783355756, 0.3989162002785115, 0.6946089102262056, 0.6584656828422737, 0.7772384912445847, 0.6949162614359952, 0.2632292552598904, 0.4514263964299355, 0.6269499518120099, 0.0, 0.19961027520347888, 0.67192435801534, 0.5119904347087343, 0.214647176406002, 0.6404086269850762, 0.9158361418065871, 0.2161933218276698, 1.3650461294282596, 2.350075796029045, 0.33034638656938464, 0.7312386621709256, 0.6811502350531392, 0.356174225115793, 0.7083749366090615, 0.533110987413242, 0.2096576527788787, 0.6824189202038623, 0.6123697203745213, 0.6890989586139372, 1.4950474415086132, 0.6457547118454886, 0.7200391217590524, 2.846221398921264, 0.436519173626875, 0.436519173626875]

Closeness Centrality

[0.32394366 0.31292517 0.26744186 0.19166667 0.21495327 0.26900585 0.3161512 0.2875 0.29022082 0.25842697 0.28307692 0.29113924 0.31724138 0.2506812 0.21904762 0.18290258 0.24281984 0.33212996 0.20720721 0.29581994 0.28220859 0.20720721 0.27710843 0.28134557 0.34200743 0.33333333 0.33333333 0.30666667 0.30976431 0.25205479 0.27058824 0.32857143 0.2754491 0.19700214 0.24210526 0.24664879 0.23529412 0.27627628 0.27299703 0.27963526 0.24797844 0.22168675 0.23469388 0.20087336 0.30363036 0.20131291 0.28482972 0.18145957 0.24338624 0.16428571 0.1965812 0.22772277 0.20264317 0.21545667 0.25274725 0.14626391 0.23650386 0.22772277 0.24274406 0.24731183 0.1694291 0.25136612 0.20309051 0.25274725 0.24146982 0.19700214 0.16254417 0.22604423 0.24731183 0.2 0.21852732 0.20353982 0.28134557 0.22828784 0.2 0.22772277 0.21545667 0.23958333 0.2506812 0.24210526 0.23589744 0.25205479 0.27462687 0.16606498 0.25626741 0.24020888 0.20087336 0.19574468 0.2377261 0.22660099 0.25274725 0.16880734 0.19616205 0.23469388 0.23469388]

[9.077171361502348, 8.514266817838248, 6.1906492248062, 2.319502314814814, 3.509151090342679, 6.27054905782976, 8.679075983199695, 7.215364583333335, 7.354363827549947, 5.73010299625468, 6.989401709401709, 7.401283403656822, 8.734770114942528, 5.3343929760823485, 3.718320105820107, 1.8717693836978118, 4.932777872377997, 9.495387083834737, 3.113425925925926, 7.640407288317255, 6.9450408997955, 3.113425925925926, 6.684487951807229, 6.900951410125722, 10.0, 9.556863929146537, 9.556863929146537, 8.194537037037039, 8.352787130564908, 5.404566210045663, 6.351388888888888, 9.31359126984127, 6.599717232202263, 2.5920770877944332, 4.896271929824562, 5.128388442061364, 4.5483091787439625, 6.6419753086419755, 6.474447741510056, 6.813576494427557, 5.196316262353999, 3.8531459170013393, 4.517644557823128, 2.789847161572052, 8.039420608727541, 2.8123024556284943, 7.078947368421053, 1.7980495288187601, 4.961713697824809, 0.9206845238095237, 2.5705721747388424, 4.161509900990099, 2.880261869799316, 3.534868592245641, 5.439942002442005, 0.0, 4.610111396743786, 4.161509900990099, 4.928906479038405, 5.162261051373957, 1.183445876816043, 5.369383727990285, 2.903115035565367, 5.439942002442005, 4.863808690580344, 2.5920770877944332, 0.8317137809187273, 4.075757575757575, 5.162261051373957, 2.745229468599034, 3.6917392451834257, 2.9260693215339226, 6.900951410125722, 4.190377722635787, 2.745229468599034, 4.161509900990099, 3.534868592245641, 4.767433449074073, 5.3343929760823485, 4.896271929824562, 4.579131054131054, 5.404566210045663, 6.557711442786069, 1.0115824308062575, 5.619777158774375, 4.799390774586597, 2.789847161572052, 2.5278368794326243, 4.6725523973586, 4.1042008757526, 5.439942002442005, 1.1516819571865446, 2.549158967069415, 4.517644557823128, 4.517644557823128]

Local Clustering Coefficient

[0.15555556 0.0989011 0.5 0. 0.04761905 0. 0.05882353 0.13333333 0.04761905 0.13333333 0.16666667 0.04761905 0.03030303 0. 0. 0. 0. 0.10606061 0. 0.2 0. 0. 0.02777778 0.07142857 0.07692308 0.06617647 0.07692308 0.03296703 0.08888889 1. 0. 0.07692308 0.33333333 0. 0.06666667 0.3 0. 0.4 0.2 0.19047619 0. 0. 0. 0. 0.02222222 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 0.16666667 0.33333333 0. 0. 0. 0.33333333 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. ]

[1.5555555555555556, 0.9890109890109889, 5.0, 0.0, 0.47619047619047616, 0.0, 0.5882352941176471, 1.3333333333333333, 0.47619047619047616, 1.3333333333333333, 1.6666666666666665, 0.47619047619047616, 0.30303030303030304, 0.0, 0.0, 0.0, 0.0, 1.0606060606060606, 0.0, 2.0, 0.0, 0.0, 0.2777777777777778, 0.7142857142857142, 0.7692307692307693, 0.6617647058823529, 0.7692307692307693, 0.32967032967032966, 0.888888888888889, 10.0, 0.0, 0.7692307692307693, 3.333333333333333, 0.0, 0.6666666666666666, 3.0, 0.0, 4.0, 2.0, 1.9047619047619047, 0.0, 0.0, 0.0, 0.0, 0.22222222222222224, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 3.333333333333333, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

Page Rank

[0.02558226 0.03224955 0.01232065 0.01068609 0.01277265 0.01646714 0.03327921 0.01192391 0.01561016 0.01498574 0.00856272 0.01932421 0.02896508 0.00629772 0.01139478 0.00667601 0.00157895 0.02588191 0.00505838 0.01048183 0.0079264 0.0055515 0.01573536 0.01810255 0.02396675 0.04130237 0.03259979 0.02424663 0.02001136 0.00748831 0.00900254 0.03597926 0.00897298 0.00722381 0.01483049 0.01606043 0.0141614 0.00950324 0.01336508 0.02085658 0.02804155 0.00725356 0.00542573 0.00592658 0.02046731 0.00599454 0.00686534 0.0055515 0.00505838 0.00578097 0.00464907 0.00519786 0.0055515 0.00498089 0.00490319 0.00425396 0.00549496 0.00519786 0.00553749 0.01243857 0.00519481 0.00498089 0.00399204 0.00592658 0.00553065 0.00519481 0.0055515 0.00464907 0.00519481 0.00157895 0.00415515 0.00511486 0.00490319 0.00553749 0.00425396 0.00511486 0.00375276 0.00782176 0.00908742 0.00519786 0.00578097 0.00497218 0.00412542 0.00425396 0.00670162 0.00670162 0.00549496 0.00649276 0.00642173 0.0055515 0.00759754 0.00511486 0.0085168 0.00399204 0.00399204]

[6.042609334666123, 7.7210387678088015, 2.7041235723488795, 2.2926391672727577, 2.81790958610251, 3.7479630308871297, 7.9802448930513465, 2.6042475315122973, 3.5322258609350223, 3.3750357542426044, 1.758098427635044, 4.467203483094268, 6.89420307168053, 1.187907035863365, 2.471044330981275, 1.2831372951179094, 0.0, 6.118044343103573, 0.8759150063870587, 2.2412171290442315, 1.5979123510823776, 1.000053525106187, 3.5637438460961426, 4.159661687752224, 5.635920516626349, 10.0, 7.809208538992529, 5.706378206416778, 4.640187240617406, 1.4876264674978403, 1.8688209835386855, 8.659958117143756, 1.8613780301267102, 1.4210410908785813, 3.3359515371926647, 3.6455783452024515, 3.1675140256373697, 1.9948658977028952, 2.9670478488036047, 4.852963057466564, 6.661714577527704, 1.4285302198460865, 0.9683928054341145, 1.0944757262393225, 4.75496809773853, 1.1115834959800468, 1.330800257822043, 1.000053525106187, 0.8759150063870587, 1.057820970747909, 0.7728737774621397, 0.9110281320475823, 1.000053525106187, 0.8564063426958112, 0.8368482093363788, 0.673409243950239, 0.9858202491926727, 0.9110281320475823, 0.9965270243393419, 2.733809346331801, 0.9102601286260418, 0.8564063426958112, 0.6074732019284256, 1.0944757262393225, 0.9948051745560079, 0.9102601286260418, 1.000053525106187, 0.7728737774621397, 0.9102601286260418, 0.0, 0.6485358652684503, 0.8901337662935025, 0.8368482093363788, 0.9965270243393419, 0.673409243950239, 0.8901337662935025, 0.5472378631196612, 1.5715703888769756, 1.8901872913996896, 0.9110281320475823, 1.057820970747909, 0.8542139330162629, 0.6410495515221749, 0.673409243950239, 1.2895854167906255, 1.2895854167906255, 0.9858202491926727, 1.237005804955549, 1.2191255609383487, 1.000053525106187, 1.5151250080882221, 0.8901337662935025, 1.7465401089893136, 0.6074732019284256, 0.6074732019284256]

CHINESE

以前，有个国王和王后一直没有孩子，他们为此非常伤心苦恼。有一天，王后正在河边散步，一条小鱼把头浮出水面对她说：你的愿望就会实现了，不久你就会生下一个女儿的。过了一段时间，那条小鱼所预言的情况真的实现了，王后真的生下了一个非常漂亮的女儿。国王高兴得时时刻刻爱不释手，决定举行一个大型宴会。他不仅邀请了他的亲戚、朋友和外宾，而且邀来了几乎所有的女巫师，让她们为他的女儿送来善良美好的祝愿。他的王国里一共有十三个女巫师，而他只有十二个金盘子来招待她们进餐，所以他只邀请了十二个女巫师，留下一个没有邀请。

['一' '三' '下' '不' '且' '个' '为' '举' '久' '乎' '了' '二' '亮' '亲' '仅' '他' '以' '们' '会' '伤' '你' '儿' '共' '兴' '决' '况' '几' '出' '刻' '前' '十' '友' '只' '后' '和' '善' '国' '在' '型' '外' '大' '天' '头' '女' '她' '好' '子' '孩' '定' '实' '宴' '宾' '对' '小' '就' '巫' '师' '常' '待' '得' '心' '恼' '情' '愿' '戚' '所' '手' '把' '招' '散' '时' '有' '朋' '望' '条' '来' '正' '此' '步' '段' '水' '没' '河' '浮' '漂' '爱' '王' '现' '生' '留' '的' '盘' '直' '真' '祝' '美' '而' '良' '苦' '行' '言' '让' '说' '请' '边' '过' '进' '送' '邀' '那' '释' '里' '金' '间' '非' '面' '预' '餐' '高' '鱼']

[ 9 1 3 3 1 8 2 1 1 1 7 2 1 1 1 7 2 3 3 1 2 3 1 1 1 1 1 1 2 1 3 1 2 3 2 1 3 1 1 1 1 1 1 6 3 1 2 1 1 2 1 1 1 2 2 3 3 2 1 1 1 1 1 2 1 3 1 1 1 1 3 7 1 1 2 3 1 1 1 1 1 2 1 1 1 1 6 2 2 1 11 1 1 2 1 1 2 1 1 1 1 1 1 3 1 1 1 1 4 1 1 1 1 1 2 1 1 1 1 2]

Trophic Incoherence

0.9068374531511687

Tropic Levels

[ 0. -0.27161688 -0.02886831 -0.00482079 -0.05891257 -0.28823287 -0.45797037 -0.00137737 0.22389618 -0.37068195 -0.25360688 -0.27161688 0.236223 0.17219978 0.11169895 -0.13395878 -0.66990389 -0.16410975 0.71937649 1.28293116 0.45261314 -0.44348612 -0.11158146 0.06981258 -0.00275473 0.2902541 -0.31214442 -0.28377939 0.05917663 -0.4465334 -0.25500089 0.05019236 -0.376301 -0.51628293 0.00952322 -0.01447924 -0.05466664 -0.36877352 0.21557181 -0.10899913 -0.03633053 0.02422491 -0.51965399 -0.28592609 0.1879698 0.15603188 -0.14574146 -0.18445219 -0.00206605 0.72217679 0.46747415 -0.22752147 0.0700325 -0.19977498 1.05339599 -0.62485427 -0.96378245 0.28293116 0.10154111 0.08049396 2.28293116 4.28293116 0.25156151 0.92300068 0.13153064 -0.42921949 -0.00344342 -0.63759129 0.01511241 -0.14750941 0.09117534 -0.22316291 0.0908615 0.98819834 0.35597863 -0.07131628 -0.44252822 -0.07584256 -0.0737547 0.04558767 -0.16584209 0.19544169 -0.29501881 -0.40171669 0.25957708 0.02717792 0.04844982 0.23428495 0.63445903 -0.49632538 0.21286892 -0.1932386 0.09772084 0.3289467 0.5679348 0.09919484 -0.34604382 0.0423578 3.28293116 -0.00068868 -0.00116055 -0.38790632 0.32029147 -0.0126941 -0.22126411 -1.25360688 -0.25247967 -0.2574012 0.22821868 0.26771087 -0.0041321 -0.02733332 -0.24073574 0.17944311 0.30628524 -0.0479048 -0.21519002 -0.34084958 0.0591312 -0.75552858]

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Betweenness Centrality

[0.32567485 0.00413047 0.11873292 0.11724961 0.00875774 0.16442424 0.04663984 0.04073494 0.03322176 0.0249727 0.20298747 0.00413047 0.03204672 0.02414186 0.0279817 0.17000037 0.02084224 0.07967763 0.05768409 0.02478279 0.08567156 0.02515074 0.05114639 0.02070574 0.04030765 0.01057542 0.02475906 0.04828372 0.04377344 0.00343019 0.016237 0.02478279 0.0420865 0.11733337 0.0545269 0.02414186 0.01595214 0.040094 0.01869392 0.02488962 0.01848027 0.01370887 0.04785643 0.08053052 0.09057352 0.02478279 0.04155391 0.01293653 0.04052129 0.0467231 0.01890756 0.02510326 0.04892465 0.10741585 0.03015952 0.04740371 0.04761735 0.06466315 0.01450411 0.02091938 0.01666429 0. 0.01036177 0.02350093 0.0243555 0.11906542 0.040094 0.04764279 0.01429046 0.04073494 0.07337511 0.20301053 0.02456915 0.02371457 0.1072022 0.10498945 0.03988036 0.00930542 0.04094858 0.04383872 0.04849737 0.01671177 0.04030765 0.04807008 0.03183307 0.04398709 0.18596676 0.04693674 0.10192619 0.00818972 0.32983108 0.02000037 0.00255187 0.0305512 0. 0.02456915 0.04664408 0.0243555 0.00840336 0.04094858 0.00833215 0.01012439 0.04383279 0.02561957 0.04052129 0. 0.02506172 0.0150272 0.09952286 0.02183924 0.03988036 0.00865261 0.01978673 0.0216256 0.06444951 0.04871101 0.0081185 0.02527536 0.0204921 0.10762949]

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Closeness Centrality

[0.20884956 0.16457462 0.21299639 0.15445026 0.15128205 0.19568823 0.18759936 0.15147625 0.14372716 0.17744361 0.24229979 0.16457462 0.1654979 0.1 0.1505102 0.21851852 0.19471947 0.16298343 0.15344603 0.5 0.16643159 0.17797888 0.19218241 0.09974641 0.11883182 0.14165666 0.15186615 0.10016978 0.12016293 0.19376026 0.14285714 0.13882353 0.20068027 0.19063005 0.15945946 0.11313519 0.16298343 0.10630631 0.11907164 0.13768961 0.10707804 0.1495564 0.0853835 0.15902965 0.15324675 0.1654979 0.19831933 0.16643159 0.13318284 0.16503497 0.13409091 0.15838926 0.1353211 0.16010855 0.13409091 0.15384615 0.18042813 0.13154961 0.13409091 0.10976744 0.66666667 0. 0.12447257 0.10727273 0.11028037 0.21338156 0.10727273 0.07951482 0.11919192 0.15070243 0.12202689 0.23694779 0.12291667 0.11919192 0.13882353 0.21033868 0.09680066 0.1059246 0.17507418 0.10966543 0.10966543 0.19218241 0.11788212 0.0921875 0.14337789 0.13516609 0.17507418 0.19633943 0.17664671 0.17717718 0.19568823 0.1669024 0.16186557 0.1643454 0.09760132 0.14337789 0.1864139 0.12647374 1. 0.17559524 0.1654979 0.13393871 0.14390244 0.19633943 0.132287 0.19636964 0.15147625 0.17533432 0.1761194 0.12304484 0.09776305 0.17352941 0.14407814 0.11048689 0.11717974 0.1211499 0.14337789 0.17717718 0.09140201 0.18910256]

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Local Clustering Coefficient

[0.03846154 0. 0.16666667 0.06666667 0. 0.04444444 0.33333333 0. 0. 0. 0.03636364 0. 0. 0. 0. 0.05555556 0. 0.16666667 0. 0. 0. 0.33333333 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 0. 0. 0. 0.07272727 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 0. 0. 0. 0. 0.01666667 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.06666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. ]

[0.38461538461538464, 0.0, 1.6666666666666665, 0.6666666666666666, 0.0, 0.4444444444444445, 3.333333333333333, 0.0, 0.0, 0.0, 0.36363636363636365, 0.0, 0.0, 0.0, 0.0, 0.5555555555555556, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 3.333333333333333, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.7272727272727273, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.16666666666666666, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.6666666666666666, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

Page Rank

[0.03262988 0.00509915 0.01478001 0.01437179 0.00488739 0.01798309 0.00621591 0.00692037 0.00536487 0.0060162 0.03009875 0.00509915 0.00506506 0.0053312 0.00536487 0.01822315 0.00597471 0.01158366 0.01825663 0.00443788 0.01240753 0.00464135 0.00591543 0.00662191 0.00626791 0.00582438 0.00555686 0.0069004 0.01063964 0.00383212 0.00895596 0.00659991 0.00516529 0.00626947 0.0118794 0.00542668 0.00881707 0.00390169 0.00455726 0.00634161 0.00384047 0.00591543 0.00624026 0.0078788 0.01510207 0.00665855 0.00915471 0.00469197 0.00662059 0.01309027 0.00516654 0.00668322 0.0075636 0.01101218 0.01479081 0.00464135 0.00523801 0.00740003 0.00590554 0.00692148 0.00506506 0.00605131 0.0053312 0.00986272 0.00582438 0.01652417 0.005853 0.00582047 0.00542668 0.00572202 0.01702918 0.02399368 0.00624359 0.00967617 0.01143447 0.01458992 0.00306921 0.00393463 0.00615658 0.00591543 0.00715819 0.00886859 0.0046093 0.0065971 0.00443788 0.00581471 0.02341931 0.01241958 0.01309027 0.00277697 0.03800784 0.00455726 0.00591543 0.00801993 0.0053312 0.00631257 0.00845771 0.00590554 0.00559816 0.00717518 0.00637137 0.00277697 0.00771123 0.00792355 0.00521077 0.00129286 0.00621591 0.00326544 0.01560163 0.00649299 0.00536487 0.00504012 0.00384047 0.0061178 0.0071849 0.00737732 0.00597471 0.00657639 0.00626947 0.01065321]

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RUSSIAN

Много лет тому назад жили король с королевой, и каждый день они говорили: Ах, если б родился у нас ребенок! - Но детей у них всё не было и не было. Вот случилось однажды, что королева сидела в купальне, и вылезла из воды на берег лягушка и говорит ей: Твое желанье исполнится: не пройдет и года, как родишь ты на свет дочь. И что лягушка сказала, то и случилось, - родила королева девочку, и была она такая прекрасная, что король не знал, что и придумать ему на радостях, и вот он устроил большой пир. Созвал он на этот пир не только своих родных, друзей и знакомых, но и ведуний, чтобы были те к его ребенку милостивы и благосклонны. А было их в его королевстве счетом тринадцать; но так как золотых тарелок, на которых они должны были есть, было у него всего лишь двенадцать, то одна из них осталась неприглашенной.

['а' 'ах' 'б' 'берег' 'благосклонны' 'большой' 'была' 'были' 'было' 'в' 'ведуний' 'воды' 'вот' 'всего' 'всё' 'вылезла' 'говорили' 'говорит' 'года' 'двенадцать' 'девочку' 'день' 'детей' 'должны' 'дочь' 'друзей' 'его' 'ей' 'ему' 'если' 'есть' 'желанье' 'жили' 'знакомых' 'знал' 'золотых' 'и' 'из' 'исполнится' 'их' 'к' 'каждый' 'как' 'королева' 'королевой' 'королевстве' 'король' 'которых' 'купальне' 'лет' 'лишь' 'лягушка' 'милостивы' 'много' 'на' 'назад' 'нас' 'не' 'него' 'неприглашенной' 'них' 'но' 'одна' 'однажды' 'он' 'она' 'они' 'осталась' 'пир' 'прекрасная' 'придумать' 'пройдет' 'радостях' 'ребенку' 'ребенок' 'родила' 'родился' 'родишь' 'родных' 'с' 'свет' 'своих' 'сидела' 'сказала' 'случилось' 'созвал' 'счетом' 'так' 'такая' 'тарелок' 'твое' 'те' 'то' 'только' 'тому' 'тринадцать' 'ты' 'у' 'устроил' 'что' 'чтобы' 'этот']

[ 1 1 1 1 1 1 1 2 4 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 13 2 1 1 1 1 2 2 1 1 2 1 1 1 1 2 1 1 5 1 1 5 1 1 2 3 1 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 3 1 4 1 1]

Trophic Incoherence

0.8685820146015165

Tropic Levels

[ 0. 1.34511513 1.49749147 1.18721533 2.01155638 1.34152248 1.00323858 1.05433561 1. 0.9804914 1.02581612 1.38145893 0.46618002 1.46458438 1.61534374 1.23746017 1.26892695 1.06315736 1.0326147 1.27930095 0.980215 1.13234465 1.20890815 1.12353719 3.29955389 1.07347756 0.97101348 1.11475835 1.20355472 1.4213033 1.0271678 1.21796033 -0.30215065 0.88975243 1.14556485 1.13563331 1.01155638 1.46336397 1.26956132 0.9902457 0.99878753 1.07195051 1.05367301 0.94887363 0.90698737 0.92024724 0.69784935 1.24614634 0.99602389 -3.30215065 1.37194266 1.07487677 0.99804208 -4.30215065 1.29955389 -1.30215065 2.64986781 1.32116231 1.5572261 3.90952517 1.90952517 0.76794849 1.3250116 0.89117651 0.57459806 0.99492078 1.19273878 2.90952517 1.7249847 0.97828518 1.10755555 1.16635934 1.15555513 0.98452778 3.64986781 0.88062963 1.57367964 1.13563331 1.13539875 0.80241836 2.29955389 1.19731994 0.96468251 1.130768 0.81238564 -0.42540194 0.86948099 0.91081075 0.98660298 1.2175936 1.16635934 1.02656157 1.18665923 1.25924112 -2.30215065 0.81871474 1.2175936 1.64986781 0.95806027 0.96996738 1.04007586 1.51226929]

[5.239065377341255, 6.877117286352625, 7.062677878981075, 6.6848303522368715, 7.688694927067026, 6.872742244950303, 6.460787468647451, 6.523012319865829, 6.456843601033182, 6.433086447342639, 6.488281908872013, 6.921375976737252, 5.806769258881109, 7.022604342023475, 7.206195810925974, 6.746017427498078, 6.7843369900384, 6.5337552643518855, 6.496561066401448, 6.796970212437426, 6.432749864021997, 6.618010030274485, 6.711247398594562, 6.6072845067950015, 9.257190249237294, 6.546322976547241, 6.421544453818009, 6.596593825328666, 6.704728102360669, 6.96989758266685, 6.4899279604495055, 6.722270947282228, 4.871112894767684, 6.322586514477352, 6.634109299486316, 6.6220148869030115, 6.470916703375105, 7.021118151621053, 6.7851095082590085, 6.44496502418791, 6.455367075833949, 6.544463366824794, 6.522205429427792, 6.394583024668892, 6.343574841736605, 6.3597224217584065, 6.088891118459605, 6.7565952477888125, 6.452001575358871, 1.2177782236919212, 6.90978727723045, 6.54802690262029, 6.454459286856073, 0.0, 6.821633801853451, 3.653334671075763, 8.466016695301446, 6.847948069235791, 7.135421406816499, 10.0, 7.564443552616157, 6.174256325579599, 6.852635649632727, 6.324320721444934, 5.938798383807116, 6.4506582339198, 6.691556693724175, 8.782221776308079, 7.339714175521896, 6.430399764464496, 6.587822402867887, 6.659432386305447, 6.646275252614277, 6.4380018703370405, 9.683794918993367, 6.311476968910959, 7.1554581752953, 6.6220148869030115, 6.621729249719378, 6.216232980098104, 8.039412025545372, 6.697135522891515, 6.413834736005766, 6.616090025132346, 6.228370913153027, 4.721020160115196, 6.297900389698803, 6.3482308775036955, 6.440528999192147, 6.7218243443782315, 6.659432386305447, 6.4891896978498895, 6.6841531476444, 6.772541796063653, 2.435556447383842, 6.236078357639201, 6.7218243443782315, 7.2482384716095245, 6.40577031437871, 6.420270529736843, 6.50564711436892, 7.080673988687674]

Betweenness Centrality

[0. 0.03623762 0.03623762 0.00643564 0. 0.01345875 0.02732673 0.08890099 0.24381518 0.07278218 0.03653465 0.01960396 0.0579538 0.02917492 0.0719637 0.03429043 0.03623762 0.03623762 0.04247525 0.02917492 0.01653465 0.05891089 0.00648515 0.04305941 0. 0.02732673 0.0629703 0.03623762 0.03773927 0.03623762 0.06376238 0.03623762 0.03762376 0.02564356 0.02509901 0.02247525 0.62137294 0.04915842 0.03623762 0.041967 0.01583168 0.05891089 0.05425743 0.04734983 0.02029703 0.02024752 0.07046535 0.02038614 0.02564356 0.00970297 0.02917492 0.03405941 0.03341584 0. 0.17981848 0.02851485 0.00940594 0.30328713 0.02917492 0. 0.09077558 0.05519802 0.00556106 0.01093069 0.06306271 0.02732673 0.08860396 0.00940594 0.0420165 0.02732673 0.03773927 0.06160066 0.0870132 0.03341584 0. 0.00217822 0.03623762 0.02247525 0.02732673 0.02029703 0.00940594 0.02732673 0.02150825 0.01613861 0.02241584 0. 0.02024752 0.00247525 0.02732673 0.02247525 0.03623762 0.01583168 0.05462046 0.02732673 0.01920792 0.02024752 0.02247525 0.11851485 0.01345875 0.15065677 0.03653465 0.01925083]

[0.0, 0.5831863859440396, 0.5831863859440396, 0.1035713526949797, 0.0, 0.21659691091801409, 0.4397798975971446, 1.430718732074189, 3.923813975227856, 1.1713123287089167, 0.5879666022222695, 0.31549427436316896, 0.9326733093968432, 0.4695234655505746, 1.1581401771866833, 0.5518494125645329, 0.5831863859440396, 0.5831863859440396, 0.6835709277868661, 0.46952346555057456, 0.26609870615479403, 0.9480762285155835, 0.10436805540801801, 0.6929720198007181, 0.0, 0.4397798975971446, 1.0134058509847244, 0.5831863859440396, 0.6073530349062007, 0.5831863859440396, 1.0261530943933372, 0.5831863859440396, 0.6054940619091121, 0.4126920053538422, 0.4039282755104208, 0.36170303171939067, 10.0, 0.7911257940470371, 0.5831863859440396, 0.6753914465996728, 0.25478552762965007, 0.9480762285155835, 0.8731861734899827, 0.7620195882640382, 0.3266481123457051, 0.3258514096326669, 1.134026641738724, 0.32808217722917415, 0.4126920053538422, 0.15615373175550787, 0.4695234655505746, 0.5481314665703542, 0.5377743313008562, 0.0, 2.89388982132614, 0.45890076271006397, 0.15137351547727804, 4.880919501157876, 0.4695234655505746, 0.0, 1.4608872081412394, 0.8883235250377106, 0.089496271431303, 0.17591195903885784, 1.0148930293823957, 0.4397798975971446, 1.4259385157959592, 0.15137351547727804, 0.676188149312711, 0.4397798975971446, 0.6073530349062011, 0.9913637425906647, 1.400337801950328, 0.5377743313008562, 0.0, 0.03505491937368544, 0.5831863859440396, 0.36170303171939067, 0.4397798975971446, 0.3266481123457051, 0.15137351547727804, 0.4397798975971446, 0.3461407720580424, 0.2597250844504876, 0.3607469884637447, 0.0, 0.3258514096326669, 0.03983513565191527, 0.4397798975971446, 0.36170303171939067, 0.5831863859440396, 0.25478552762965007, 0.8790286600522637, 0.4397798975971446, 0.3091206526588625, 0.3258514096326669, 0.36170303171939067, 1.9073062950137034, 0.21659691091801386, 2.424578809832374, 0.5879666022222695, 0.30981112834349556]

Closeness Centrality

[0.20971302 0.09700722 0.11648079 0.1902834 0. 0.15798319 0.12789116 0.18359375 0.26256983 0.20258621 0.13623188 0.1780303 0.16906475 0.14264036 0.18395303 0.14826498 0.08952381 0.10981308 0.12097812 0.19301848 0.22760291 0.12824011 0.12859097 0.15692821 0. 0.22871046 0.16906475 0.12223667 0.17769376 0.10585586 0.21029083 0.15798319 0.15859766 0.19706499 0.2 0.15284553 0.29192547 0.17247706 0.18503937 0.16998192 0.14641745 0.11463415 0.13642961 0.2008547 0.22815534 0.146875 0.18650794 0.12859097 0.22871046 0.11011236 0.16404887 0.23209877 0.22982885 0.10010111 0.21412301 0.1381295 1. 0.22327791 0.1261745 0. 0.15905245 0.24415584 0.14873418 0.2 0.18111753 0.14551084 0.14551084 1. 0.18503937 0.2008547 0.15185784 0.22705314 0.22815534 0.18951613 0. 0.16845878 0.12947658 0.15284553 0.188 0.187251 1. 0.15959253 0.16998192 0.19144603 0.17216117 0.15472313 0.16936937 0.12129032 0.16876122 0.17836812 0.13782991 0.12912088 0.23441397 0.13864307 0.12247475 0.2 0.17836812 0.14573643 0.13782991 0.24802111 0.15640599 0.15798319]

[2.097130242825607, 0.9700722394220845, 1.164807930607187, 1.902834008097166, 0.0, 1.5798319327731094, 1.2789115646258504, 1.8359375, 2.6256983240223466, 2.025862068965517, 1.3623188405797102, 1.7803030303030303, 1.6906474820143886, 1.426403641881639, 1.8395303326810175, 1.4826498422712933, 0.8952380952380952, 1.0981308411214954, 1.2097812097812097, 1.9301848049281314, 2.276029055690073, 1.2824010914051842, 1.2859097127222983, 1.5692821368948249, 0.0, 2.287104622871046, 1.6906474820143886, 1.222366710013004, 1.776937618147448, 1.0585585585585586, 2.1029082774049215, 1.5798319327731094, 1.5859766277128549, 1.9706498951781972, 2.0, 1.5284552845528454, 2.919254658385093, 1.724770642201835, 1.8503937007874016, 1.6998191681735986, 1.4641744548286604, 1.1463414634146343, 1.3642960812772134, 2.0085470085470085, 2.2815533980582523, 1.46875, 1.8650793650793651, 1.2859097127222983, 2.287104622871046, 1.101123595505618, 1.6404886561954626, 2.3209876543209877, 2.2982885085574574, 1.0010111223458038, 2.1412300683371295, 1.3812949640287768, 10.0, 2.2327790973871737, 1.261744966442953, 0.0, 1.5905245346869712, 2.4415584415584415, 1.4873417721518987, 2.0, 1.811175337186898, 1.455108359133127, 1.455108359133127, 10.0, 1.8503937007874016, 2.0085470085470085, 1.518578352180937, 2.2705314009661834, 2.2815533980582523, 1.8951612903225805, 0.0, 1.6845878136200718, 1.2947658402203857, 1.5284552845528454, 1.88, 1.8725099601593627, 10.0, 1.595925297113752, 1.6998191681735986, 1.9144602851323826, 1.7216117216117217, 1.5472312703583064, 1.6936936936936937, 1.2129032258064516, 1.6876122082585279, 1.7836812144212524, 1.378299120234604, 1.2912087912087913, 2.344139650872818, 1.386430678466077, 1.224747474747475, 2.0, 1.7836812144212524, 1.4573643410852712, 1.378299120234604, 2.480211081794195, 1.5640599001663893, 1.5798319327731094]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0.06666667 0. 0. 0. 0.33333333 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0.01666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 0. 0.05555556 0. 0. 0. 0.1 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.03571429 0. 0. ]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.6666666666666666, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.16666666666666666, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 0.0, 0.5555555555555556, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.3571428571428571, 0.0, 0.0]

Page Rank

[0.00172538 0.00826184 0.00916115 0.00694201 0.00683961 0.00539514 0.00683961 0.01467003 0.01778274 0.01346098 0.00683961 0.0079582 0.00683961 0.00799945 0.00751137 0.00683961 0.00768995 0.00683961 0.00683961 0.00897156 0.00704277 0.00753904 0.00601481 0.00768995 0.00762609 0.01030346 0.01466407 0.00753904 0.00753904 0.00874794 0.00796014 0.00863892 0.0063988 0.00683961 0.00955004 0.00710232 0.07821747 0.01466551 0.00906846 0.00676382 0.00849151 0.00683961 0.01265164 0.01251148 0.00787484 0.00795762 0.01296299 0.00694201 0.0074463 0.00319196 0.00852491 0.01342472 0.00848936 0.00172538 0.03068604 0.00549814 0.00738126 0.0368219 0.00738126 0.00811005 0.01361408 0.01513918 0.00838404 0.00586761 0.00609879 0.00753904 0.01403427 0.00751137 0.01221196 0.00863892 0.00683961 0.00955004 0.00694201 0.00795762 0.00799945 0.00586761 0.00951234 0.00710232 0.01009186 0.00723466 0.00694201 0.00984291 0.00704277 0.00743089 0.00974644 0.00172538 0.00848936 0.00601481 0.00813357 0.00776236 0.00813357 0.00796014 0.01566745 0.00955004 0.00443854 0.00894133 0.00776236 0.0199619 0.00431737 0.02728769 0.00753904 0.00694201]

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DUTCH

In oeroude tijden leefden er eens een koning en een koningin, die zeiden elke dag tegen elkaar: hadden we maar een kindje! en ze kregen er maar geen. Maar eens op een keer, toen de koningin juist in bad was, kwam er een kikker uit de vijver naar het land gekropen en hij ging naar de koningin toe en zei: Uw wens zal vervuld worden; voor het jaar om is, zult u een dochtertje krijgen. Wat de kikker gezegd had, dat gebeurde, en de koning kreeg een dochtertje. Het was zo'n prachtig kind, dat de koning uitgelaten van vreugde was en een groot feest aanrichtte. Hij nodigde daarop niet alleen de hele familie, vrienden en bekenden, maar ook alle wijze feeën uit, dat ze 't kind genegen zouden zijn en het beschermen. Er waren er dertien in zijn rijk. Maar hij had maar twaalf gouden borden voor hen om van te eten; en daarom moest er één thuis blijven.

['aanrichtte' 'alle' 'alleen' 'bad' 'bekenden' 'beschermen' 'blijven' 'borden' 'daarom' 'daarop' 'dag' 'dat' 'de' 'dertien' 'die' 'dochtertje' 'een' 'eens' 'elkaar' 'elke' 'en' 'er' 'eten' 'familie' 'feest' 'feeën' 'gebeurde' 'geen' 'gekropen' 'genegen' 'gezegd' 'ging' 'gouden' 'groot' 'had' 'hadden' 'hele' 'hen' 'het' 'hij' 'in' 'is' 'jaar' 'juist' 'keer' 'kikker' 'kind' 'kindje' 'koning' 'koningin' 'kreeg' 'kregen' 'krijgen' 'kwam' 'land' 'leefden' 'maar' 'moest' 'naar' 'niet' 'nodigde' 'oeroude' 'om' 'ook' 'op' 'prachtig' 'rijk' 't' 'te' 'tegen' 'thuis' 'tijden' 'toe' 'toen' 'twaalf' 'u' 'uit' 'uitgelaten' 'uw' 'van' 'vervuld' 'vijver' 'voor' 'vreugde' 'vrienden' 'waren' 'was' 'wat' 'we' 'wens' 'wijze' 'worden' 'zal' 'ze' 'zei' 'zeiden' 'zijn' 'zon' 'zouden' 'zult' 'één']

[1 1 1 1 1 1 1 1 1 1 1 3 7 1 1 2 8 2 1 1 9 6 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 4 3 3 1 1 1 1 2 2 1 3 3 1 1 1 1 1 1 6 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 2 1 1 2 1 1 1 3 1 1 1 1 1 1 2 1 1 2 1 1 1 1]

Trophic Incoherence

0.8942796074610765

Tropic Levels

[ 0. -3.396829 -3.29812828 -3.48708011 -3.40333549 -2.32751209 -0.31934559 -3.37990849 -3.31327222 -3.48040641 -3.52895883 -3.29244778 -3.20698921 -3.46900311 -3.54847286 -2. -3. -3.2330803 -3.51594948 -3.53546351 -3.31023554 -3.31934559 -3.31986783 -3.25861237 -1. -3.29722256 -3.30134166 -2.49643545 -3.31599439 -3.17505259 -3.31766272 -3.49289863 -3.41875081 -2. -3.44230762 -3.5094448 -3.23280079 -3.32018232 -3.32751209 -3.66268454 -3.61866063 -3.22447385 -3.31340528 -3.58681909 -3.0689964 -3.19301782 -3.25929439 -2. -3.42169774 -3.55497754 -3.21084887 -3.30834001 -1. -3.33742259 -3.32175324 -3.39417435 -3.49643545 -3.3163089 -3.32311273 -3.38926734 -3.57154548 -3.54383187 -3.29929847 -3.44663223 -3.11654015 -3.29136279 -2.00656899 -3.27831441 -3.32950012 -3.52245415 -1.31934559 -3.46900311 -3.43260654 -3.13799281 -3.45759313 -3.07482462 -3.24741934 -3.38041508 -3.31904429 -3.33913242 -3.33225742 -3.26505097 -3.34106618 -3.347316 -3.28442395 -3.31934559 -3.35549958 -4.20698921 -3.50294012 -3.32344867 -3.34702578 -3.3366618 -3.32785304 -3.29733443 -3.31463991 -3.54196819 -3.00656899 -3.32343119 -3.09081079 -3.14964923 -2.31934559]

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Betweenness Centrality

[0. 0.02717172 0.02939394 0.00686869 0.04974747 0. 0. 0.03690236 0.01989899 0.02717172 0.06272727 0.08712121 0.20460438 0.02257576 0.05939394 0.0089899 0.27148148 0.00878788 0.06494949 0.06161616 0.43542088 0.15833333 0.02276094 0.01858586 0.00909091 0.02939394 0.03835859 0. 0.00989899 0.00969697 0.01717172 0.01369529 0.03579125 0.0179798 0.0456229 0.06606061 0.01747475 0.00942761 0.18116162 0.07487374 0.07383838 0.02656566 0.03242424 0.04015152 0.01266835 0.03999158 0.04998316 0. 0.18203704 0.12429293 0.00707071 0.03522727 0. 0.04022727 0.00878788 0.02075758 0.18727273 0.0210101 0.03715488 0.02828283 0.02606061 0.01853535 0.05296296 0.02606061 0. 0.01872054 0. 0.02015152 0.02164983 0.06383838 0.00909091 0.01964646 0.00808081 0.01377946 0.03468013 0.02878788 0.05443603 0.02582492 0.0440404 0.05444444 0.04737374 0.01234848 0.09649832 0.02501684 0.01969697 0. 0.16617845 0. 0.06717172 0.04515152 0.02828283 0.04848485 0.04626263 0.06315657 0.04292929 0.06050505 0.05257576 0.01760943 0.01080808 0.02767677 0.0179798 ]

[0.0, 0.6240334055057224, 0.6750695948035881, 0.15774822146613054, 1.1425146922363134, 0.0, 0.0, 0.8475100525827407, 0.45700587689452526, 0.6240334055057224, 1.4406124342715747, 2.000850603154965, 4.699002474481904, 0.5184812867305909, 1.364058150324776, 0.2064645839777297, 6.234921125889269, 0.20182493040519642, 1.4916486235694404, 1.4150943396226416, 10.0, 3.636328487472935, 0.522734302505413, 0.4268481286730592, 0.20878441076399631, 0.6750695948035881, 0.880954222084751, 0.0, 0.22734302505412926, 0.22270337148159605, 0.39437055366532636, 0.3145298484379833, 0.8219919579338075, 0.4129291679554594, 1.0477884317970925, 1.517166718218373, 0.40133003402412626, 0.2165171667182183, 4.160609341169192, 1.7195716053201362, 1.6957933807609034, 0.6101144447881225, 0.7446643983915867, 0.9221311475409838, 0.2909449427776061, 0.9184580884627284, 1.1479276214042686, 0.0, 4.180714506650172, 2.854546860501083, 0.1623878750386638, 0.8090395917104857, 0.0, 0.9238710176306837, 0.20182493040519642, 0.4767244045777915, 4.300958861738324, 0.4825239715434581, 0.8533096195484072, 0.6495515001546552, 0.5985153108567894, 0.4256882152799259, 1.216362511599134, 0.5985153108567894, 0.0, 0.4299412310547479, 0.0, 0.46280544386019185, 0.49721620785648, 1.466130528920507, 0.20878441076399631, 0.4512063099288587, 0.18558614290133, 0.3164630374265388, 0.796473863284875, 0.6611506340859884, 1.2501933188988557, 0.5931023816888338, 1.0114444788122487, 1.250386637797711, 1.0879987627590475, 0.2835988246210949, 2.2162078564800503, 0.5745437673987009, 0.452366223321992, 0.0, 3.816501701206311, 0.0, 1.542684812867306, 1.0369625734611818, 0.6495515001546552, 1.1135168574079803, 1.0624806681101144, 1.450471698113208, 0.9859263841633159, 1.3895762449737088, 1.2074698422517787, 0.40442313640581495, 0.24822146613052892, 0.6356325394370554, 0.4129291679554594]

Closeness Centrality

[0. 0.12563452 0.18165138 0.19111969 0.18032787 0. 0. 0.15230769 0.16256158 0.13580247 0.11012236 0.21710526 0.21854305 0.16555184 0.08490566 1. 0.22297297 0.18609023 0.13730929 0.10020243 0.275 0.23515439 0.21854305 0.18 1. 0.16282895 0.21758242 0. 0.21710526 0.15615142 0.17491166 0.16836735 0.13360324 0.66666667 0.21019108 0.15664557 0.15348837 0.13561644 0.20412371 0.1889313 0.19642857 0.13807531 0.13469388 0.16555184 0.15444618 0.17773788 0.18401487 0. 0.22551253 0.20286885 0.18299445 0.19223301 0. 0.19223301 0.17934783 0.19223301 0.21806167 0.19223301 0.20040486 0.15541601 0.12058465 0.14082504 0.15420561 0.11275626 0.18435754 0.15714286 0. 0.15615142 0.18131868 0.12222222 1. 0.16256158 0.21710526 0.1809872 0.11899038 0.18504673 0.19111969 0.1436865 0.09811695 0.16610738 0.13396482 0.16751269 0.17710197 0.19148936 0.21758242 0.19075145 0.23349057 0.18083183 0.18232044 0.10772579 0.14183381 0.15254237 0.11942099 0.17398946 0.09008189 0.09192201 0.22098214 0.13711911 0.18299445 0.15814696 0.66666667]

[0.0, 1.2563451776649746, 1.8165137614678901, 1.9111969111969112, 1.8032786885245902, 0.0, 0.0, 1.523076923076923, 1.625615763546798, 1.3580246913580245, 1.1012235817575085, 2.1710526315789473, 2.185430463576159, 1.6555183946488294, 0.8490566037735848, 10.0, 2.22972972972973, 1.8609022556390975, 1.3730929264909846, 1.0020242914979758, 2.75, 2.3515439429928744, 2.185430463576159, 1.7999999999999998, 10.0, 1.6282894736842104, 2.175824175824176, 0.0, 2.1710526315789473, 1.5615141955835963, 1.7491166077738516, 1.683673469387755, 1.3360323886639676, 6.666666666666666, 2.1019108280254777, 1.5664556962025316, 1.5348837209302324, 1.356164383561644, 2.0412371134020617, 1.8893129770992365, 1.9642857142857142, 1.3807531380753137, 1.3469387755102038, 1.6555183946488294, 1.544461778471139, 1.77737881508079, 1.8401486988847582, 0.0, 2.2551252847380407, 2.028688524590164, 1.8299445471349352, 1.9223300970873787, 0.0, 1.9223300970873787, 1.7934782608695652, 1.9223300970873787, 2.180616740088106, 1.9223300970873787, 2.0040485829959516, 1.5541601255886972, 1.2058465286236295, 1.4082503556187767, 1.542056074766355, 1.1275626423690204, 1.8435754189944134, 1.5714285714285714, 0.0, 1.5615141955835963, 1.8131868131868132, 1.222222222222222, 10.0, 1.625615763546798, 2.1710526315789473, 1.8098720292504569, 1.1899038461538463, 1.8504672897196262, 1.9111969111969112, 1.4368650217706822, 0.981169474727453, 1.661073825503356, 1.3396481732070367, 1.6751269035532994, 1.771019677996422, 1.9148936170212765, 2.175824175824176, 1.9075144508670518, 2.3349056603773586, 1.8083182640144666, 1.8232044198895028, 1.0772578890097932, 1.4183381088825215, 1.5254237288135595, 1.1942098914354644, 1.7398945518453426, 0.9008189262966333, 0.9192200557103064, 2.2098214285714284, 1.371191135734072, 1.8299445471349352, 1.5814696485623003, 6.666666666666666]

Local Clustering Coefficient

[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.06666667 0.06060606 0. 0. 0. 0.06593407 0.66666667 0. 0. 0.025 0.05454545 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.16666667 0. 0. 0. 0.04761905 0.1 0. 0. 0. 0. 0. 0.16666667 0. 0. 0.3 0. 1. 0. 0. 0. 0. 0. 0.08888889 0. 0.16666667 0. 0. 0. 0. 0. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.33333333 0. 0. 0. 0. 1. 0. 0. 0. 0. 0.06666667 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. ]

[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.6666666666666666, 0.6060606060606061, 0.0, 0.0, 0.0, 0.6593406593406593, 6.666666666666666, 0.0, 0.0, 0.25, 0.5454545454545454, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.47619047619047616, 1.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.6666666666666665, 0.0, 0.0, 3.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.888888888888889, 0.0, 1.6666666666666665, 0.0, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.333333333333333, 0.0, 0.0, 0.0, 0.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.6666666666666666, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0]

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In times past there lived a king and queen, who said to each other every day of their lives, Would that we had a child! and yet they had none. But it happened once that when the queen was bathing, there came a frog out of the water, and he squatted on the ground, and said to her: Thy wish shall be fulfilled; before a year has gone by, thou shalt bring a daughter into the world. And as the frog foretold, so it happened; and the queen bore a daughter so beautiful that the king could not contain himself for joy, and he ordained a great feast. Not only did he bid to it his relations, friends, and acquaintances, but also the wise women, that they might be kind and favourable to the child. There were thirteen of them in his kingdom, but as he had only provided twelve golden plates for them to eat from, one of them had to be left out. However, the feast was celebrated with all splendour; and as it drew to an end, the wise women stood forward to present to the child their wonderful gifts: one bestowed virtue, one beauty, a third riches, and so on, whatever there is in the world to wish for. And when eleven of them had said their say, in came the uninvited thirteenth, burning to revenge herself, and without greeting or respect, she cried with a loud voice: In the fifteenth year of her age the princess shall prick herself with a spindle and shall fall down dead. And without speaking one more word she turned away and left the hall. Every one was terrified at her saying, when the twelfth came forward, for she had not yet bestowed her gift, and though she could not do away with the evil prophecy, yet she could soften it, so she said: The princess shall not die, but fall into a deep sleep for a hundred years. Now the king, being desirous of saving his child even from this misfortune, gave commandment that all the spindles in his kingdom should be burnt up. The maiden grew up, adorned with all the gifts of the wise women; and she was so lovely, modest, sweet, and kind and clever, that no one who saw her could help loving her. It happened one day, she being already fifteen years old, that the king and queen rode abroad, and the maiden was left behind alone in the castle. She wandered about into all the nooks and corners, and into all the chambers and parlours, as the fancy took her, till at last she came to an old tower. She climbed the narrow winding stair which led to a little door, with a rusty key sticking out of the lock; she turned the key, and the door opened, and there in the little room sat an old woman with a spindle, diligently spinning her flax. Good day, mother, said the princess, what are you doing? - I am spinning, answered the old woman, nodding her head. What thing is that that twists round so briskly? asked the maiden, and taking the spindle into her hand she began to spin; but no sooner had she touched it than the evil prophecy was fulfilled, and she pricked her finger with it. In that very moment she fell back upon the bed that stood there, and lay in a deep sleep. And this sleep fell upon the whole castle; the king and queen, who had returned and were in the great hall, fell fast asleep, and with them the whole court. The horses in their stalls, the dogs in the yard, the pigeons on the roof, the flies on the wall, the very fire that flickered on the hearth, became still, and slept like the rest; and the meat on the spit ceased roasting, and the cook, who was going to pull the scullion's hair for some mistake he had made, let him go, and went to sleep. And the wind ceased, and not a leaf fell from the trees about the castle. Then round about that place there grew a hedge of thorns thicker every year, until at last the whole castle was hidden from view, and nothing of it could be seen but the vane on the roof. And a rumour went abroad in all that country of the beautiful sleeping Rosamond, for so was the princess called; and from time to time many kings' sons came and tried to force their way through the hedge; but it was impossible for them to do so, for the thorns held fast together like strong hands, and the young men were caught by them, and not being able to get free, there died a lamentable death. Many a long year afterwards there came a king's son into that country, and heard an old man tell how there should be a castle standing behind the hedge of thorns, and that there a beautiful enchanted princess named Rosamond had slept for a hundred years, and with her the king and queen, and the whole court. The old man had been told by his grandfather that many king's sons had sought to pass the thorn-hedge, but had been caught and pierced by the thorns, and had died a miserable death. Then said the young man: Nevertheless, I do not fear to try; I shall win through and see the lovely Rosamond. The good old man tried to dissuade him, but he would not listen to his words. For now the hundred years were at an end, and the day had come when Rosamond should be awakened. When the prince drew near the hedge of thorns, it was changed into a hedge of beautiful large flowers, which parted and bent aside to let him pass, and then closed behind him in a thick hedge. When he reached the castle-yard, he saw the horses and brindled hunting-dogs lying asleep, and on the roof the pigeons were sitting with their heads under their wings. And when he came indoors, the flies on the wall were asleep, the cook in the kitchen had his hand uplifted to strike the scullion, and the kitchen-maid had the black fowl on her lap ready to pluck. Then he mounted higher, and saw in the hall the whole court lying asleep, and above them, on their thrones, slept the king and the queen. And still he went farther, and all was so quiet that he could hear his own breathing; and at last he came to the tower, and went up the winding stair, and opened the door of the little room where Rosamond lay. And when he saw her looking so lovely in her sleep, he could not turn away his eyes; and presently he stooped and kissed her. And she awaked, and opened her eyes, and looked very kindly on him. And she rose, and they went forth together, and the king and the queen and whole court waked up, and gazed on each other with great eyes of wonderment. And the horses in the yard got up and shook themselves, the hounds sprang up and wagged their tails, the pigeons on the roof drew their heads from under their wings, looked round, and flew into the field, the flies on the wall crept on a little farther, the kitchen fire leapt up and blazed, and cooked the meat, the joint on the spit began to roast, the cook gave the scullion such a box on the ear that he roared out, and the maid went on plucking the fowl. Then the wedding of the Prince and Rosamond was held with all splendour, and they lived very happily together until their lives' end.

['a' 'able' 'about' 'above' 'abroad' 'acquaintances' 'adorned' 'afterwards' 'age' 'all' 'alone' 'already' 'also' 'am' 'an' 'and' 'answered' 'are' 'as' 'aside' 'asked' 'asleep' 'at' 'awaked' 'awakened' 'away' 'back' 'bathing' 'be' 'beautiful' 'beauty' 'became' 'bed' 'been' 'before' 'began' 'behind' 'being' 'bent' 'bestowed' 'bid' 'black' 'blazed' 'bore' 'box' 'breathing' 'brindled' 'bring' 'briskly' 'burning' 'burnt' 'but' 'by' 'called' 'came' 'castle' 'castleyard' 'caught' 'ceased' 'celebrated' 'chambers' 'changed' 'child' 'clever' 'climbed' 'closed' 'come' 'commandment' 'contain' 'cook' 'cooked' 'corners' 'could' 'country' 'court' 'crept' 'cried' 'daughter' 'day' 'dead' 'death' 'deep' 'desirous' 'did' 'die' 'died' 'diligently' 'dissuade' 'do' 'dogs' 'doing' 'door' 'down' 'drew' 'each' 'ear' 'eat' 'eleven' 'enchanted' 'end' 'even' 'every' 'evil' 'eyes' 'fall' 'fancy' 'farther' 'fast' 'favourable' 'fear' 'feast' 'fell' 'field' 'fifteen' 'fifteenth' 'finger' 'fire' 'flax' 'flew' 'flickered' 'flies' 'flowers' 'for' 'force' 'foretold' 'forth' 'forward' 'fowl' 'free' 'friends' 'frog' 'from' 'fulfilled' 'gave' 'gazed' 'get' 'gift' 'gifts' 'go' 'going' 'golden' 'gone' 'good' 'got' 'grandfather' 'great' 'greeting' 'grew' 'ground' 'had' 'hair' 'hall' 'hand' 'hands' 'happened' 'happily' 'has' 'he' 'head' 'heads' 'hear' 'heard' 'hearth' 'hedge' 'held' 'help' 'her' 'herself' 'hidden' 'higher' 'him' 'himself' 'his' 'horses' 'hounds' 'how' 'however' 'hundred' 'huntingdogs' 'i' 'impossible' 'in' 'indoors' 'into' 'is' 'it' 'joint' 'joy' 'key' 'kind' 'kindly' 'king' 'kingdom' 'kings' 'kissed' 'kitchen' 'kitchenmaid' 'lamentable' 'lap' 'large' 'last' 'lay' 'leaf' 'leapt' 'led' 'left' 'let' 'like' 'listen' 'little' 'lived' 'lives' 'lock' 'long' 'looked' 'looking' 'loud' 'lovely' 'loving' 'lying' 'made' 'maid' 'maiden' 'man' 'many' 'meat' 'men' 'might' 'miserable' 'misfortune' 'mistake' 'modest' 'moment' 'more' 'mother' 'mounted' 'named' 'narrow' 'near' 'nevertheless' 'no' 'nodding' 'none' 'nooks' 'not' 'nothing' 'now' 'of' 'old' 'on' 'once' 'one' 'only' 'opened' 'or' 'ordained' 'other' 'out' 'own' 'parlours' 'parted' 'pass' 'past' 'pierced' 'pigeons' 'place' 'plates' 'pluck' 'plucking' 'present' 'presently' 'prick' 'pricked' 'prince' 'princess' 'prophecy' 'provided' 'pull' 'queen' 'quiet' 'reached' 'ready' 'relations' 'respect' 'rest' 'returned' 'revenge' 'riches' 'roared' 'roast' 'roasting' 'rode' 'roof' 'room' 'rosamond' 'rose' 'round' 'rumour' 'rusty' 'said' 'sat' 'saving' 'saw' 'say' 'saying' 'scullion' 'scullions' 'see' 'seen' 'shall' 'shalt' 'she' 'shook' 'should' 'sitting' 'sleep' 'sleeping' 'slept' 'so' 'soften' 'some' 'son' 'sons' 'sooner' 'sought' 'speaking' 'spin' 'spindle' 'spindles' 'spinning' 'spit' 'splendour' 'sprang' 'squatted' 'stair' 'stalls' 'standing' 'sticking' 'still' 'stood' 'stooped' 'strike' 'strong' 'such' 'sweet' 'tails' 'taking' 'tell' 'terrified' 'than' 'that' 'the' 'their' 'them' 'themselves' 'then' 'there' 'they' 'thick' 'thicker' 'thing' 'third' 'thirteen' 'thirteenth' 'this' 'thornhedge' 'thorns' 'thou' 'though' 'thrones' 'through' 'thy' 'till' 'time' 'times' 'to' 'together' 'told' 'took' 'touched' 'tower' 'trees' 'tried' 'try' 'turn' 'turned' 'twelfth' 'twelve' 'twists' 'under' 'uninvited' 'until' 'up' 'uplifted' 'upon' 'vane' 'very' 'view' 'virtue' 'voice' 'wagged' 'waked' 'wall' 'wandered' 'was' 'water' 'way' 'we' 'wedding' 'went' 'were' 'what' 'whatever' 'when' 'where' 'which' 'who' 'whole' 'win' 'wind' 'winding' 'wings' 'wise' 'wish' 'with' 'without' 'woman' 'women' 'wonderful' 'wonderment' 'word' 'words' 'world' 'would' 'yard' 'year' 'years' 'yet' 'you' 'young']

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