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| Serial No. | Itemset | Support |
| 1 | A | 0.11199824614785502 |
| 2 | L | 0.09883125647471665 |
| 3 | V | 0.08925077049272465 |
| 4 | G | 0.08163402926713037 |
| 5 | R | 0.07259001282954146 |
| 6 | S | 0.06277536843056879 |
| 7 | T | 0.06177153485931651 |
| 8 | D | 0.056549442031966345 |
| 9 | P | 0.0535624002088746 |

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| Serial No. | Itemset | Support |
| 1 | ('A', 'L') | 0.08792589181279875 |
| 2 | ('A', 'V') | 0.0821844280830441 |
| 3 | ('L', 'V') | 0.07871282627837838 |
| 4 | ('A', 'G') | 0.07650018964310126 |
| 5 | ('G', 'L') | 0.07385474830706878 |
| 6 | ('G', 'V') | 0.07226940151166972 |
| 7 | ('A', 'R') | 0.06736681154188541 |
| 8 | ('R', 'L') | 0.06621638838572445 |
| 9 | ('R', 'V') | 0.06329601848839843 |
| 10 | ('R', 'G') | 0.061388517337788634 |
| 11 | ('S', 'A') | 0.059631520790698875 |
| 12 | ('A', 'T') | 0.05935304107784813 |
| 13 | ('S', 'L') | 0.05862255562111727 |
| 14 | ('T', 'L') | 0.05790974029364771 |
| 15 | ('S', 'V') | 0.05691833593970852 |
| 16 | ('T', 'V') | 0.05661986575482062 |
| 17 | ('S', 'G') | 0.05603639065790664 |
| 18 | ('T', 'G') | 0.055407322474014746 |
| 19 | ('A', 'D') | 0.054804371702081155 |
| 20 | ('D', 'L') | 0.054383932586357764 |
| 21 | ('D', 'V') | 0.05337158905079347 |
| 22 | ('S', 'R') | 0.053122244082986596 |
| 23 | ('D', 'G') | 0.05230405713922273 |
| 24 | ('R', 'T') | 0.052300809490693836 |
| 25 | ('A', 'P') | 0.05186228850422181 |
| 26 | ('S', 'T') | 0.050996678722594634 |
| 27 | ('D', 'R') | 0.050760245006161206 |
| 28 | ('P', 'L') | 0.05076012130903042 |

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| Serial No. | Itemset | Support |
| 1 | ('A', 'L', 'V') | 0.07535692513356176 |
| 2 | ('A', 'G', 'L') | 0.07120191234341462 |
| 3 | ('A', 'G', 'V') | 0.06991560506757935 |
| 4 | ('G', 'L', 'V') | 0.06833028693162305 |
| 5 | ('A', 'R', 'L') | 0.06370779429804686 |
| 6 | ('A', 'R', 'V') | 0.06150753201892621 |
| 7 | ('R', 'L', 'V') | 0.060777838252297066 |
| 8 | ('A', 'R', 'G') | 0.059699335291423405 |
| 9 | ('R', 'G', 'L') | 0.05910124101608637 |
| 10 | ('R', 'G', 'V') | 0.058048515744596706 |
| 11 | ('S', 'A', 'L') | 0.05686556117541642 |
| 12 | ('A', 'T', 'L') | 0.05658952510527626 |
| 13 | ('S', 'A', 'V') | 0.055611286224640136 |
| 14 | ('A', 'T', 'V') | 0.055522926996962985 |
| 15 | ('S', 'L', 'V') | 0.055092020191024126 |
| 16 | ('T', 'L', 'V') | 0.05479576028723932 |
| 17 | ('S', 'A', 'G') | 0.054721485065396494 |
| 18 | ('A', 'T', 'G') | 0.05447904088059728 |
| 19 | ('S', 'G', 'L') | 0.054323820707546065 |
| 20 | ('T', 'G', 'L') | 0.05378171145719651 |
| 21 | ('S', 'G', 'V') | 0.053477259314270977 |
| 22 | ('A', 'D', 'L') | 0.05332346988862142 |
| 23 | ('T', 'G', 'V') | 0.05328152711171913 |
| 24 | ('A', 'D', 'V') | 0.05237564990765913 |
| 25 | ('D', 'L', 'V') | 0.05208802899362208 |
| 26 | ('S', 'A', 'R') | 0.05186821417591444 |
| 27 | ('S', 'R', 'L') | 0.05149148895213194 |
| 28 | ('A', 'D', 'G') | 0.05147605974669022 |
| 29 | ('A', 'R', 'T') | 0.05135332527840762 |
| 30 | ('D', 'G', 'L') | 0.05125093774984703 |
| 31 | ('R', 'T', 'L') | 0.05072440965223684 |
| 32 | ('D', 'G', 'V') | 0.05071202968490627 |
| 33 | ('S', 'R', 'V') | 0.05036002371948713 |
| 34 | ('S', 'A', 'T') | 0.05006555837338366 |
| 35 | ('S', 'R', 'G') | 0.05000738903858315 |

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| Serial No. | Itemset | Support |
| 1 | ('A', 'G', 'L', 'V') | 0.06681528348562805 |
| 2 | ('A', 'R', 'L', 'V') | 0.05960958371741851 |
| 3 | ('A', 'R', 'G', 'L') | 0.05796396217689568 |
| 4 | ('A', 'R', 'G', 'V') | 0.057066522101518524 |
| 5 | ('R', 'G', 'L', 'V') | 0.056636118817049434 |
| 6 | ('S', 'A', 'L', 'V') | 0.054148008576117325 |
| 7 | ('A', 'T', 'L', 'V') | 0.05400849596751751 |
| 8 | ('S', 'A', 'G', 'L') | 0.053326454711890944 |
| 9 | ('A', 'T', 'G', 'L') | 0.05313070602858063 |
| 10 | ('S', 'A', 'G', 'V') | 0.05269562369841285 |
| 11 | ('A', 'T', 'G', 'V') | 0.052629182371390575 |
| 12 | ('S', 'G', 'L', 'V') | 0.0523692462541156 |
| 13 | ('T', 'G', 'L', 'V') | 0.05216387250543829 |
| 14 | ('A', 'D', 'L', 'V') | 0.05139743463985958 |
| 15 | ('A', 'D', 'G', 'L') | 0.0506666675101602 |
| 16 | ('S', 'A', 'R', 'L') | 0.05056788092092657 |
| 17 | ('A', 'D', 'G', 'V') | 0.05011438106269863 |
| 18 | ('A', 'R', 'T', 'L') | 0.05003527999274582 |

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| Serial No. | Itemset | Support |
| 1 | ('A', 'R', 'G', 'L', 'V') | 0.05593911812000712 |
| 2 | ('S', 'A', 'G', 'L', 'V') | 0.05173761212516625 |
| 3 | ('A', 'T', 'G', 'L', 'V') | 0.05165368913756577 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| antecedents | consequents | antecedent support | consequent support | support | confidence | lift | leverage | conviction |  |
| frozenset({'S'}) | frozenset({'A'}) | 0.06277536843056879 | 0.11199824614785502 | 0.059631520790698875 | 0.9499190889919333 | 8.48155325341339 | 0.05260078962518974 | 17.731341862154068 |  |
| frozenset({'S'}) | frozenset({'R'}) | 0.06277536843056879 | 0.07259001282954146 | 0.053122244082986596 | 0.8462275158407265 | 11.657630063075883 | 0.048565379283232415 | 6.031052904171541 |  |
| frozenset({'R'}) | frozenset({'S'}) | 0.07259001282954146 | 0.06277536843056879 | 0.053122244082986596 | 0.7318120222368635 | 11.657630063075883 | 0.048565379283232415 | 3.4946556493191783 |  |
| frozenset({'S'}) | frozenset({'T'}) | 0.06277536843056879 | 0.06177153485931651 | 0.050996678722594634 | 0.812367653070779 | 13.151165094423034 | 0.04711894786327932 | 5.000355644939001 |  |
| frozenset({'T'}) | frozenset({'S'}) | 0.06177153485931651 | 0.06277536843056879 | 0.050996678722594634 | 0.8255692340936419 | 13.151165094423034 | 0.04711894786327932 | 5.373046587851214 |  |
| frozenset({'S'}) | frozenset({'G'}) | 0.06277536843056879 | 0.08163402926713037 | 0.05603639065790664 | 0.892649331399534 | 10.934769965580466 | 0.050911784394190696 | 8.554823017924665 |  |
| frozenset({'S'}) | frozenset({'L'}) | 0.06277536843056879 | 0.09883125647471665 | 0.05862255562111727 | 0.9338464605899583 | 9.448897989360868 | 0.052418387083460895 | 13.622381380677753 |  |
| frozenset({'S'}) | frozenset({'V'}) | 0.06277536843056879 | 0.08925077049272465 | 0.05691833593970852 | 0.9066985564993012 | 10.158999765421761 | 0.051315585939315594 | 9.761362689961533 |  |
| frozenset({'P'}) | frozenset({'A'}) | 0.0535624002088746 | 0.11199824614785502 | 0.05186228850422181 | 0.968259232259515 | 8.645307096874205 | 0.04586339362135835 | 27.976694234761997 |  |
| frozenset({'D'}) | frozenset({'A'}) | 0.056549442031966345 | 0.11199824614785502 | 0.054804371702081155 | 0.9691408037430549 | 8.653178394094128 | 0.04847093337386113 | 28.775919711528232 |  |
| frozenset({'R'}) | frozenset({'A'}) | 0.07259001282954146 | 0.11199824614785502 | 0.06736681154188541 | 0.9280451802657569 | 8.286247438558936 | 0.059236857417126476 | 12.341101779309263 |  |
| frozenset({'T'}) | frozenset({'A'}) | 0.06177153485931651 | 0.11199824614785502 | 0.05935304107784813 | 0.9608477628574966 | 8.579132226669236 | 0.052434737511743594 | 22.680741093288304 |  |
| frozenset({'G'}) | frozenset({'A'}) | 0.08163402926713037 | 0.11199824614785502 | 0.07650018964310126 | 0.9371115248124078 | 8.3671982110798 | 0.06735732153919999 | 14.12026211803186 |  |
| frozenset({'L'}) | frozenset({'A'}) | 0.09883125647471665 | 0.11199824614785502 | 0.08792589181279875 | 0.8896567234809187 | 7.943487992717619 | 0.07685696442304164 | 8.04762901615112 |  |
| frozenset({'A'}) | frozenset({'L'}) | 0.11199824614785502 | 0.09883125647471665 | 0.08792589181279875 | 0.7850648991121072 | 7.943487992717619 | 0.07685696442304164 | 4.1927481356119705 |  |
| frozenset({'A'}) | frozenset({'V'}) | 0.11199824614785502 | 0.08925077049272465 | 0.0821844280830441 | 0.7338010273352669 | 8.221789271780946 | 0.07218849832051422 | 3.4213100839210497 |  |
| frozenset({'V'}) | frozenset({'A'}) | 0.08925077049272465 | 0.11199824614785502 | 0.0821844280830441 | 0.920825978636716 | 8.221789271780946 | 0.07218849832051422 | 11.215822293244601 |  |
| frozenset({'P'}) | frozenset({'L'}) | 0.0535624002088746 | 0.09883125647471665 | 0.05076012130903042 | 0.9476819767427098 | 9.588889290152343 | 0.04546648199658571 | 17.22482401702192 |  |
| frozenset({'D'}) | frozenset({'R'}) | 0.056549442031966345 | 0.07259001282954146 | 0.050760245006161206 | 0.8976259213568789 | 12.365694485613567 | 0.04665532028355736 | 9.05903134330943 |  |
| frozenset({'D'}) | frozenset({'G'}) | 0.056549442031966345 | 0.08163402926713037 | 0.05230405713922273 | 0.9249261400255059 | 11.330154205654576 | 0.047687698333345296 | 12.232832720268798 |  |
| frozenset({'D'}) | frozenset({'L'}) | 0.056549442031966345 | 0.09883125647471665 | 0.054383932586357764 | 0.9617059095935119 | 9.730787039417422 | 0.048795080177394375 | 23.53284107180672 |  |
| frozenset({'D'}) | frozenset({'V'}) | 0.056549442031966345 | 0.08925077049272465 | 0.05337158905079347 | 0.9438039905084034 | 10.574743336085131 | 0.0483245077785068 | 16.20665306570328 |  |
| frozenset({'T'}) | frozenset({'R'}) | 0.06177153485931651 | 0.07259001282954146 | 0.052300809490693836 | 0.8466813979903192 | 11.663882743464002 | 0.047816812982755585 | 6.048907145082761 |  |
| frozenset({'R'}) | frozenset({'T'}) | 0.07259001282954146 | 0.06177153485931651 | 0.052300809490693836 | 0.7204959394828669 | 11.663882743464002 | 0.047816812982755585 | 3.3567614846267033 |  |
| frozenset({'G'}) | frozenset({'R'}) | 0.08163402926713037 | 0.07259001282954146 | 0.061388517337788634 | 0.7519966598354161 | 10.359505812477018 | 0.05546270210596048 | 3.739506034696936 |  |
| frozenset({'R'}) | frozenset({'G'}) | 0.07259001282954146 | 0.08163402926713037 | 0.061388517337788634 | 0.845688200688756 | 10.359505812477018 | 0.05546270210596048 | 5.951365837427266 |  |
| frozenset({'R'}) | frozenset({'L'}) | 0.07259001282954146 | 0.09883125647471665 | 0.06621638838572445 | 0.9121969511317791 | 9.229842700271048 | 0.05904222621026507 | 10.263524503321081 |  |
| frozenset({'V'}) | frozenset({'R'}) | 0.08925077049272465 | 0.07259001282954146 | 0.06329601848839843 | 0.7091929642619507 | 9.76984211212779 | 0.056817303913285086 | 3.1890906106062817 |  |
| frozenset({'R'}) | frozenset({'V'}) | 0.07259001282954146 | 0.08925077049272465 | 0.06329601848839843 | 0.8719659360996735 | 9.76984211212779 | 0.056817303913285086 | 7.1133353247014535 |  |
| frozenset({'T'}) | frozenset({'G'}) | 0.06177153485931651 | 0.08163402926713037 | 0.055407322474014746 | 0.8969717621587979 | 10.987718849741503 | 0.05036466318943374 | 8.913730739997238 |  |
| frozenset({'T'}) | frozenset({'L'}) | 0.06177153485931651 | 0.09883125647471665 | 0.05790974029364771 | 0.9374826192280318 | 9.485689575016805 | 0.0518047818891297 | 14.414691281010171 |  |
| frozenset({'T'}) | frozenset({'V'}) | 0.06177153485931651 | 0.08925077049272465 | 0.05661986575482062 | 0.916601244954837 | 10.269953300062037 | 0.05110670867410842 | 10.920417565155214 |  |
| frozenset({'L'}) | frozenset({'G'}) | 0.09883125647471665 | 0.08163402926713037 | 0.07385474830706878 | 0.7472812847012884 | 9.154041413979039 | 0.0657867546235045 | 3.6339452329336512 |  |
| frozenset({'G'}) | frozenset({'L'}) | 0.08163402926713037 | 0.09883125647471665 | 0.07385474830706878 | 0.9047054147651403 | 9.15404141397904 | 0.0657867546235045 | 9.456662635178008 |  |
| frozenset({'G'}) | frozenset({'V'}) | 0.08163402926713037 | 0.08925077049272465 | 0.07226940151166972 | 0.885285243916886 | 9.919076765718799 | 0.0649835015011527 | 7.939250891554113 |  |
| frozenset({'V'}) | frozenset({'G'}) | 0.08925077049272465 | 0.08163402926713037 | 0.07226940151166972 | 0.8097342029956013 | 9.919076765718799 | 0.0649835015011527 | 4.826752812076036 |  |
| frozenset({'L'}) | frozenset({'V'}) | 0.09883125647471665 | 0.08925077049272465 | 0.07871282627837838 | 0.7964365635533022 | 8.92358193835676 | 0.06989206048924583 | 4.474031512755244 |  |
| frozenset({'V'}) | frozenset({'L'}) | 0.08925077049272465 | 0.09883125647471665 | 0.07871282627837838 | 0.8819288152228861 | 8.92358193835676 | 0.06989206048924583 | 7.632418910900603 |  |
| frozenset({'S', 'A'}) | frozenset({'R'}) | 0.059631520790698875 | 0.07259001282954146 | 0.05186821417591444 | 0.869812030418729 | 11.98253033046369 | 0.047539561316672536 | 7.123622790595214 |  |
| frozenset({'S', 'R'}) | frozenset({'A'}) | 0.053122244082986596 | 0.11199824614785502 | 0.05186821417591444 | 0.9763935065485349 | 8.71793568320297 | 0.04591861600718167 | 37.616842826651606 |  |
| frozenset({'A', 'R'}) | frozenset({'S'}) | 0.06736681154188541 | 0.06277536843056879 | 0.05186821417591444 | 0.7699371988781939 | 12.264957070379678 | 0.04763923776137989 | 4.073777364265075 |  |
| frozenset({'S'}) | frozenset({'A', 'R'}) | 0.06277536843056879 | 0.06736681154188541 | 0.05186821417591444 | 0.8262510515295829 | 12.26495707037968 | 0.04763923776137989 | 5.367705512283471 |  |
| frozenset({'R'}) | frozenset({'S', 'A'}) | 0.07259001282954146 | 0.059631520790698875 | 0.05186821417591444 | 0.7145365065262255 | 11.98253033046369 | 0.047539561316672536 | 3.29418122004344 |  |
| frozenset({'S', 'A'}) | frozenset({'T'}) | 0.059631520790698875 | 0.06177153485931651 | 0.05006555837338366 | 0.8395821154571781 | 13.591731488772464 | 0.046382027808146944 | 5.848652522844066 |  |
| frozenset({'S', 'T'}) | frozenset({'A'}) | 0.050996678722594634 | 0.11199824614785502 | 0.05006555837338366 | 0.9817415492040968 | 8.765686811809946 | 0.044354019797087425 | 48.63510950509532 |  |
| frozenset({'A', 'T'}) | frozenset({'S'}) | 0.05935304107784813 | 0.06277536843056879 | 0.05006555837338366 | 0.8435213674682162 | 13.437139256317915 | 0.04633964935224706 | 5.989473555624681 |  |
| frozenset({'S'}) | frozenset({'A', 'T'}) | 0.06277536843056879 | 0.05935304107784813 | 0.05006555837338366 | 0.7975350782490028 | 13.437139256317913 | 0.04633964935224706 | 4.645974970810069 |  |
| frozenset({'T'}) | frozenset({'S', 'A'}) | 0.06177153485931651 | 0.059631520790698875 | 0.05006555837338366 | 0.8104956188543317 | 13.591731488772464 | 0.046382027808146944 | 4.962251920109744 |  |
| frozenset({'S', 'A'}) | frozenset({'G'}) | 0.059631520790698875 | 0.08163402926713037 | 0.054721485065396494 | 0.9176603973838575 | 11.241150358767724 | 0.04985352375192509 | 11.153393282867583 |  |
| frozenset({'S', 'G'}) | frozenset({'A'}) | 0.05603639065790664 | 0.11199824614785502 | 0.054721485065396494 | 0.9765347914619014 | 8.719197175397946 | 0.048445507591254905 | 37.84333526848336 |  |
| frozenset({'A', 'G'}) | frozenset({'S'}) | 0.07650018964310126 | 0.06277536843056879 | 0.054721485065396494 | 0.7153117570125036 | 11.394783892087503 | 0.04991915747554243 | 3.292108665023425 |  |
| frozenset({'S'}) | frozenset({'A', 'G'}) | 0.06277536843056879 | 0.07650018964310126 | 0.054721485065396494 | 0.8717031286868495 | 11.394783892087503 | 0.04991915747554243 | 7.198147553441077 |  |
| frozenset({'L', 'S'}) | frozenset({'A'}) | 0.05862255562111727 | 0.11199824614785502 | 0.05686556117541642 | 0.9700286958307233 | 8.661106126163219 | 0.050299937761146205 | 29.628398845667387 |  |
| frozenset({'S', 'A'}) | frozenset({'L'}) | 0.059631520790698875 | 0.09883125647471665 | 0.05686556117541642 | 0.9536158129357338 | 9.648929366588506 | 0.05097210305017346 | 19.428361270548884 |  |
| frozenset({'S'}) | frozenset({'L', 'A'}) | 0.06277536843056879 | 0.08792589181279875 | 0.05686556117541642 | 0.9058578642722142 | 10.302515511595354 | 0.051345980922281646 | 9.688266588985027 |  |
| frozenset({'S', 'A'}) | frozenset({'V'}) | 0.059631520790698875 | 0.08925077049272465 | 0.055611286224640136 | 0.9325820553836051 | 10.449008453765957 | 0.05028912704841733 | 13.509003199213463 |  |
| frozenset({'S', 'V'}) | frozenset({'A'}) | 0.05691833593970852 | 0.11199824614785502 | 0.055611286224640136 | 0.977036403234752 | 8.723675922075715 | 0.04923653242573836 | 38.66997678673778 |  |
| frozenset({'S'}) | frozenset({'A', 'V'}) | 0.06277536843056879 | 0.0821844280830441 | 0.055611286224640136 | 0.8858774964602188 | 10.779140490763954 | 0.05045212847247146 | 8.04237151699902 |  |
| frozenset({'S', 'G'}) | frozenset({'R'}) | 0.05603639065790664 | 0.07259001282954146 | 0.05000738903858315 | 0.8924091728867836 | 12.293828559892551 | 0.04593970672180451 | 8.619786761138633 |  |
| frozenset({'S', 'R'}) | frozenset({'G'}) | 0.053122244082986596 | 0.08163402926713037 | 0.05000738903858315 | 0.9413643926725408 | 11.531519405861026 | 0.04567080621037698 | 15.662257331183069 |  |
| frozenset({'G', 'R'}) | frozenset({'S'}) | 0.061388517337788634 | 0.06277536843056879 | 0.05000738903858315 | 0.8146049327664792 | 12.976505803664915 | 0.04615370224529711 | 5.055283538849053 |  |
| frozenset({'S'}) | frozenset({'G', 'R'}) | 0.06277536843056879 | 0.061388517337788634 | 0.05000738903858315 | 0.7966084515121985 | 12.976505803664915 | 0.04615370224529711 | 4.614800809771626 |  |
| frozenset({'L', 'S'}) | frozenset({'R'}) | 0.05862255562111727 | 0.07259001282954146 | 0.05149148895213194 | 0.8783562641814178 | 12.100235692808132 | 0.047236076887494524 | 7.623984752931173 |  |
| frozenset({'L', 'R'}) | frozenset({'S'}) | 0.06621638838572445 | 0.06277536843056879 | 0.05149148895213194 | 0.7776245459384334 | 12.38741508619749 | 0.04733473077507645 | 4.214604689733214 |  |
| frozenset({'S', 'R'}) | frozenset({'L'}) | 0.053122244082986596 | 0.09883125647471665 | 0.05149148895213194 | 0.969301840330632 | 9.807644614723705 | 0.04624135082265379 | 29.355790484877545 |  |
| frozenset({'S'}) | frozenset({'L', 'R'}) | 0.06277536843056879 | 0.06621638838572445 | 0.05149148895213194 | 0.8202498884428354 | 12.38741508619749 | 0.04733473077507645 | 5.194898648601458 |  |
| frozenset({'R'}) | frozenset({'L', 'S'}) | 0.07259001282954146 | 0.05862255562111727 | 0.05149148895213194 | 0.7093467399302732 | 12.100235692808132 | 0.047236076887494524 | 3.23883325496865 |  |
| frozenset({'S', 'V'}) | frozenset({'R'}) | 0.05691833593970852 | 0.07259001282954146 | 0.05036002371948713 | 0.8847768102853821 | 12.188685134455723 | 0.04622832098338754 | 8.048813693384519 |  |
| frozenset({'S', 'R'}) | frozenset({'V'}) | 0.053122244082986596 | 0.08925077049272465 | 0.05036002371948713 | 0.9480025663226054 | 10.621785796234471 | 0.045618822504778 | 17.515272679759477 |  |
| frozenset({'V', 'R'}) | frozenset({'S'}) | 0.06329601848839843 | 0.06277536843056879 | 0.05036002371948713 | 0.7956270381954224 | 12.674191455768305 | 0.04638659283868983 | 4.585854328742418 |  |
| frozenset({'S'}) | frozenset({'V', 'R'}) | 0.06277536843056879 | 0.06329601848839843 | 0.05036002371948713 | 0.8022258567098121 | 12.674191455768305 | 0.04638659283868983 | 4.736230762669539 |  |
| frozenset({'L', 'S'}) | frozenset({'G'}) | 0.05862255562111727 | 0.08163402926713037 | 0.054323820707546065 | 0.9266709738593741 | 11.351528059787864 | 0.0495382252862578 | 12.523907912968655 |  |
| frozenset({'L', 'G'}) | frozenset({'S'}) | 0.07385474830706878 | 0.06277536843056879 | 0.054323820707546065 | 0.7355494663888337 | 11.717166856652874 | 0.049687561672222894 | 3.5440451519280174 |  |
| frozenset({'S', 'G'}) | frozenset({'L'}) | 0.05603639065790664 | 0.09883125647471665 | 0.054323820707546065 | 0.969438253780199 | 9.809024880992018 | 0.04878567381051708 | 29.486821107800917 |  |
| frozenset({'S'}) | frozenset({'L', 'G'}) | 0.06277536843056879 | 0.07385474830706878 | 0.054323820707546065 | 0.8653684090700263 | 11.717166856652874 | 0.049687561672222894 | 6.879107981236364 |  |
| frozenset({'S', 'G'}) | frozenset({'V'}) | 0.05603639065790664 | 0.08925077049272465 | 0.053477259314270977 | 0.9543309033007005 | 10.692690920561784 | 0.04847596827242149 | 19.94235260451833 |  |
| frozenset({'S', 'V'}) | frozenset({'G'}) | 0.05691833593970852 | 0.08163402926713037 | 0.053477259314270977 | 0.9395436186138234 | 11.509215299656011 | 0.04883078621233245 | 15.190554738409382 |  |
| frozenset({'G', 'V'}) | frozenset({'S'}) | 0.07226940151166972 | 0.06277536843056879 | 0.053477259314270977 | 0.7399709724403312 | 11.787600629676248 | 0.04894052100811921 | 3.604307720430814 |  |
| frozenset({'S'}) | frozenset({'G', 'V'}) | 0.06277536843056879 | 0.07226940151166972 | 0.053477259314270977 | 0.8518828427652836 | 11.787600629676248 | 0.04894052100811921 | 6.263491791286447 |  |
| frozenset({'L', 'S'}) | frozenset({'V'}) | 0.05862255562111727 | 0.08925077049272465 | 0.055092020191024126 | 0.9397751361624133 | 10.52960250061953 | 0.049859911933586805 | 15.122478847994849 |  |
| frozenset({'S', 'V'}) | frozenset({'L'}) | 0.05691833593970852 | 0.09883125647471665 | 0.055092020191024126 | 0.9679134022713007 | 9.793596042350384 | 0.04946670953365271 | 28.08551879338861 |  |
| frozenset({'S'}) | frozenset({'L', 'V'}) | 0.06277536843056879 | 0.07871282627837838 | 0.055092020191024126 | 0.8776056846557158 | 11.149462243319107 | 0.050150793521187564 | 7.527205582466173 |  |
| frozenset({'A', 'D'}) | frozenset({'G'}) | 0.054804371702081155 | 0.08163402926713037 | 0.05147605974669022 | 0.93926922520919 | 11.50585403711517 | 0.04700215806319584 | 15.121920869546354 |  |
| frozenset({'G', 'D'}) | frozenset({'A'}) | 0.05230405713922273 | 0.11199824614785502 | 0.05147605974669022 | 0.9841695379322383 | 8.787365622073958 | 0.045618097080680084 | 56.09449364466337 |  |
| frozenset({'D'}) | frozenset({'A', 'G'}) | 0.056549442031966345 | 0.07650018964310126 | 0.05147605974669022 | 0.9102841318503508 | 11.899109480605578 | 0.047150016707033233 | 10.293606130149342 |  |
| frozenset({'L', 'D'}) | frozenset({'A'}) | 0.054383932586357764 | 0.11199824614785502 | 0.05332346988862142 | 0.9805004410806003 | 8.754605315749213 | 0.047232564820326166 | 45.53958156298043 |  |
| frozenset({'A', 'D'}) | frozenset({'L'}) | 0.054804371702081155 | 0.09883125647471665 | 0.05332346988862142 | 0.9729783999438953 | 9.844844987808143 | 0.04790708497299733 | 33.349940109179194 |  |
| frozenset({'D'}) | frozenset({'L', 'A'}) | 0.056549442031966345 | 0.08792589181279875 | 0.05332346988862142 | 0.9429530685462583 | 10.724407215042875 | 0.04835130976644461 | 15.988136170422852 |  |
| frozenset({'A', 'D'}) | frozenset({'V'}) | 0.054804371702081155 | 0.08925077049272465 | 0.05237564990765913 | 0.9556837945771068 | 10.707849235374503 | 0.04748431750687871 | 20.55115551560275 |  |
| frozenset({'V', 'D'}) | frozenset({'A'}) | 0.05337158905079347 | 0.11199824614785502 | 0.05237564990765913 | 0.9813395261252853 | 8.762097263824696 | 0.0463981255398462 | 47.58730993725751 |  |
| frozenset({'D'}) | frozenset({'A', 'V'}) | 0.056549442031966345 | 0.0821844280830441 | 0.05237564990765913 | 0.9261921608006699 | 11.269679456365985 | 0.04772816635584672 | 12.435204469788708 |  |
| frozenset({'A', 'T'}) | frozenset({'R'}) | 0.05935304107784813 | 0.07259001282954146 | 0.05135332527840762 | 0.8652180974358501 | 11.919244310750944 | 0.04704488726509432 | 6.880819824672342 |  |
| frozenset({'A', 'R'}) | frozenset({'T'}) | 0.06736681154188541 | 0.06177153485931651 | 0.05135332527840762 | 0.7622941342040304 | 12.340540605638838 | 0.04719197393088704 | 3.9470143574243735 |  |
| frozenset({'T', 'R'}) | frozenset({'A'}) | 0.052300809490693836 | 0.11199824614785502 | 0.05135332527840762 | 0.9818839474663427 | 8.766958244775582 | 0.045495726343336824 | 49.01739781347786 |  |
| frozenset({'T'}) | frozenset({'A', 'R'}) | 0.06177153485931651 | 0.06736681154188541 | 0.05135332527840762 | 0.8313428733050561 | 12.340540605638838 | 0.04719197393088704 | 5.52975855058293 |  |
| frozenset({'R'}) | frozenset({'A', 'T'}) | 0.07259001282954146 | 0.05935304107784813 | 0.05135332527840762 | 0.7074433971929085 | 11.919244310750946 | 0.04704488726509432 | 3.215264840706411 |  |
| frozenset({'A', 'G'}) | frozenset({'R'}) | 0.07650018964310126 | 0.07259001282954146 | 0.059699335291423405 | 0.7803815332999904 | 10.750535822779245 | 0.05414618554376833 | 4.222823340430953 |  |
| frozenset({'A', 'R'}) | frozenset({'G'}) | 0.06736681154188541 | 0.08163402926713037 | 0.059699335291423405 | 0.8861831801896288 | 10.855560948606112 | 0.054199911026379874 | 8.068807161041295 |  |
| frozenset({'G', 'R'}) | frozenset({'A'}) | 0.061388517337788634 | 0.11199824614785502 | 0.059699335291423405 | 0.9724837458270812 | 8.683026558677108 | 0.05282392901597389 | 32.27189821229761 |  |
| frozenset({'G'}) | frozenset({'A', 'R'}) | 0.08163402926713037 | 0.06736681154188541 | 0.059699335291423405 | 0.7313045286061988 | 10.855560948606112 | 0.054199911026379874 | 3.4709672761519803 |  |
| frozenset({'R'}) | frozenset({'A', 'G'}) | 0.07259001282954146 | 0.07650018964310126 | 0.059699335291423405 | 0.8224180292075658 | 10.750535822779243 | 0.05414618554376833 | 5.200414243832933 |  |
| frozenset({'L', 'A'}) | frozenset({'R'}) | 0.08792589181279875 | 0.07259001282954146 | 0.06370779429804686 | 0.724562389809885 | 9.981571314931836 | 0.057325252683306925 | 3.36704194656036 |  |
| frozenset({'L', 'R'}) | frozenset({'A'}) | 0.06621638838572445 | 0.11199824614785502 | 0.06370779429804686 | 0.9621152082009593 | 8.590448880162091 | 0.056291674932600524 | 23.439531054111022 |  |
| frozenset({'A', 'R'}) | frozenset({'L'}) | 0.06736681154188541 | 0.09883125647471665 | 0.06370779429804686 | 0.9456851651415393 | 9.568685038254753 | 0.057049847668666887 | 16.59157660837309 |  |
| frozenset({'R'}) | frozenset({'L', 'A'}) | 0.07259001282954146 | 0.08792589181279875 | 0.06370779429804686 | 0.877638559558432 | 9.981571314931836 | 0.057325252683306925 | 7.4539340571325585 |  |
| frozenset({'A', 'V'}) | frozenset({'R'}) | 0.0821844280830441 | 0.07259001282954146 | 0.06150753201892621 | 0.7484085909410393 | 10.310076576215517 | 0.055541763329989516 | 3.686175098900611 |  |
| frozenset({'A', 'R'}) | frozenset({'V'}) | 0.06736681154188541 | 0.08925077049272465 | 0.06150753201892621 | 0.9130242416279983 | 10.229875177407283 | 0.05549499218317476 | 10.471299665039245 |  |
| frozenset({'V', 'R'}) | frozenset({'A'}) | 0.06329601848839843 | 0.11199824614785502 | 0.06150753201892621 | 0.9717440920900889 | 8.676422404036902 | 0.05441848896008338 | 31.427118062650145 |  |
| frozenset({'R'}) | frozenset({'A', 'V'}) | 0.07259001282954146 | 0.0821844280830441 | 0.06150753201892621 | 0.8473277469086617 | 10.310076576215517 | 0.055541763329989516 | 6.011672411540689 |  |
| frozenset({'A', 'G'}) | frozenset({'T'}) | 0.07650018964310126 | 0.06177153485931651 | 0.05447904088059728 | 0.7121425598388718 | 11.528652500877028 | 0.04975350674931413 | 3.2593511031554714 |  |
| frozenset({'A', 'T'}) | frozenset({'G'}) | 0.05935304107784813 | 0.08163402926713037 | 0.05447904088059728 | 0.917881205263635 | 11.24385520969521 | 0.049633812988155036 | 11.183383459063194 |  |
| frozenset({'T', 'G'}) | frozenset({'A'}) | 0.055407322474014746 | 0.11199824614785502 | 0.05447904088059728 | 0.9832462289825895 | 8.779121663070976 | 0.048273517939759 | 53.0030972089409 |  |
| frozenset({'T'}) | frozenset({'A', 'G'}) | 0.06177153485931651 | 0.07650018964310126 | 0.05447904088059728 | 0.8819441026465062 | 11.528652500877028 | 0.04975350674931413 | 7.822563980786756 |  |
| frozenset({'L', 'T'}) | frozenset({'A'}) | 0.05790974029364771 | 0.11199824614785502 | 0.05658952510527626 | 0.9772021911741112 | 8.725156194714453 | 0.05010373575750995 | 38.95118871440602 |  |
| frozenset({'A', 'T'}) | frozenset({'L'}) | 0.05935304107784813 | 0.09883125647471665 | 0.05658952510527626 | 0.9534393533610651 | 9.647143903355891 | 0.05072358947995706 | 19.35472998288879 |  |
| frozenset({'T'}) | frozenset({'L', 'A'}) | 0.06177153485931651 | 0.08792589181279875 | 0.05658952510527626 | 0.9161100696972776 | 10.419116039763908 | 0.05115820781412547 | 10.872271617057269 |  |
| frozenset({'A', 'T'}) | frozenset({'V'}) | 0.05935304107784813 | 0.08925077049272465 | 0.055522926996962985 | 0.935468949672494 | 10.481354329022286 | 0.0502256223496787 | 14.113348920946887 |  |
| frozenset({'T', 'V'}) | frozenset({'A'}) | 0.05661986575482062 | 0.11199824614785502 | 0.055522926996962985 | 0.9806262564696342 | 8.755728685028298 | 0.049181601335296074 | 45.8353210085763 |  |
| frozenset({'T'}) | frozenset({'A', 'V'}) | 0.06177153485931651 | 0.0821844280830441 | 0.055522926996962985 | 0.898843247515468 | 10.936904575246572 | 0.050446268732738234 | 9.073201238417571 |  |
| frozenset({'L', 'A'}) | frozenset({'G'}) | 0.08792589181279875 | 0.08163402926713037 | 0.07120191234341462 | 0.8097945994680291 | 9.919816610033358 | 0.06402416751783008 | 4.828285464894069 |  |
| frozenset({'L', 'G'}) | frozenset({'A'}) | 0.07385474830706878 | 0.11199824614785502 | 0.07120191234341462 | 0.9640803601059696 | 8.607995154077988 | 0.06293031006333165 | 24.721900232628055 |  |
| frozenset({'A', 'G'}) | frozenset({'L'}) | 0.07650018964310126 | 0.09883125647471665 | 0.07120191234341462 | 0.9307416448978119 | 9.417482667903927 | 0.06364130248043282 | 13.011697176400482 |  |
| frozenset({'L'}) | frozenset({'A', 'G'}) | 0.09883125647471665 | 0.07650018964310126 | 0.07120191234341462 | 0.7204392100552697 | 9.417482667903927 | 0.06364130248043282 | 3.303395338593357 |  |
| frozenset({'G'}) | frozenset({'L', 'A'}) | 0.08163402926713037 | 0.08792589181279875 | 0.07120191234341462 | 0.872208722056597 | 9.919816610033358 | 0.06402416751783008 | 7.137217209699919 |  |
| frozenset({'A', 'G'}) | frozenset({'V'}) | 0.07650018964310126 | 0.08925077049272465 | 0.06991560506757935 | 0.9139272123867773 | 10.2399924094916 | 0.063087904199093 | 10.581151775864688 |  |
| frozenset({'A', 'V'}) | frozenset({'G'}) | 0.0821844280830441 | 0.08163402926713037 | 0.06991560506757935 | 0.8507159652791209 | 10.42109489040814 | 0.06320655906014576 | 6.151802987171174 |  |
| frozenset({'G', 'V'}) | frozenset({'A'}) | 0.07226940151166972 | 0.11199824614785502 | 0.06991560506757935 | 0.9674302485580943 | 8.637905340775932 | 0.0618215588481172 | 27.264615618453977 |  |
| frozenset({'G'}) | frozenset({'A', 'V'}) | 0.08163402926713037 | 0.0821844280830441 | 0.06991560506757935 | 0.8564517235673261 | 10.42109489040814 | 0.06320655906014576 | 6.393776328951076 |  |
| frozenset({'V'}) | frozenset({'A', 'G'}) | 0.08925077049272465 | 0.07650018964310126 | 0.06991560506757935 | 0.7833613612700249 | 10.2399924094916 | 0.063087904199093 | 4.262858259130665 |  |
| frozenset({'L', 'A'}) | frozenset({'V'}) | 0.08792589181279875 | 0.08925077049272465 | 0.07535692513356176 | 0.8570504498720659 | 9.60272326099335 | 0.06750947154300953 | 6.371123439648404 |  |
| frozenset({'L', 'V'}) | frozenset({'A'}) | 0.07871282627837838 | 0.11199824614785502 | 0.07535692513356176 | 0.9573652566743313 | 8.548037934544627 | 0.06654122664104259 | 20.82812477769775 |  |
| frozenset({'A', 'V'}) | frozenset({'L'}) | 0.0821844280830441 | 0.09883125647471665 | 0.07535692513356176 | 0.9169246156634026 | 9.27767842249353 | 0.06723453484345852 | 10.847602460363085 |  |
| frozenset({'L'}) | frozenset({'A', 'V'}) | 0.09883125647471665 | 0.0821844280830441 | 0.07535692513356176 | 0.7624806950910296 | 9.27767842249353 | 0.06723453484345852 | 3.864172523865838 |  |
| frozenset({'V'}) | frozenset({'L', 'A'}) | 0.08925077049272465 | 0.08792589181279875 | 0.07535692513356176 | 0.8443280065543474 | 9.60272326099335 | 0.06750947154300953 | 5.858947958456121 |  |
| frozenset({'L', 'D'}) | frozenset({'G'}) | 0.054383932586357764 | 0.08163402926713037 | 0.05125093774984703 | 0.9423911679881596 | 11.544097191434476 | 0.046811358205430656 | 15.941409305852906 |  |
| frozenset({'G', 'D'}) | frozenset({'L'}) | 0.05230405713922273 | 0.09883125647471665 | 0.05125093774984703 | 0.979865435934109 | 9.914529784256882 | 0.04608166206405227 | 44.757300956513426 |  |
| frozenset({'D'}) | frozenset({'L', 'G'}) | 0.056549442031966345 | 0.07385474830706878 | 0.05125093774984703 | 0.906303155402945 | 12.27142703993483 | 0.04707449294167098 | 9.884487099601232 |  |
| frozenset({'G', 'V'}) | frozenset({'D'}) | 0.07226940151166972 | 0.056549442031966345 | 0.05071202968490627 | 0.7017081728111105 | 12.408755022099918 | 0.046625235353437204 | 3.162844141118911 |  |
| frozenset({'G', 'D'}) | frozenset({'V'}) | 0.05230405713922273 | 0.08925077049272465 | 0.05071202968490627 | 0.969562065709763 | 10.863346729189276 | 0.04604385228533515 | 29.921519010552537 |  |
| frozenset({'V', 'D'}) | frozenset({'G'}) | 0.05337158905079347 | 0.08163402926713037 | 0.05071202968490627 | 0.9501690053980572 | 11.63937409347794 | 0.04635509182230054 | 18.429613497962645 |  |
| frozenset({'D'}) | frozenset({'G', 'V'}) | 0.056549442031966345 | 0.07226940151166972 | 0.05071202968490627 | 0.896773298952087 | 12.408755022099918 | 0.046625235353437204 | 8.98731228519762 |  |
| frozenset({'L', 'D'}) | frozenset({'V'}) | 0.054383932586357764 | 0.08925077049272465 | 0.05208802899362208 | 0.957783420882814 | 10.731374256997462 | 0.04723422110786526 | 21.573259808171358 |  |
| frozenset({'V', 'D'}) | frozenset({'L'}) | 0.05337158905079347 | 0.09883125647471665 | 0.05208802899362208 | 0.9759504995073347 | 9.874917453437472 | 0.04681324778767994 | 37.47141209024798 |  |
| frozenset({'D'}) | frozenset({'L', 'V'}) | 0.056549442031966345 | 0.07871282627837838 | 0.05208802899362208 | 0.921105975973692 | 11.702107769781742 | 0.047636862586820684 | 11.677527988867821 |  |
| frozenset({'L', 'T'}) | frozenset({'R'}) | 0.05790974029364771 | 0.07259001282954146 | 0.05072440965223684 | 0.8759218983719211 | 12.066699869977889 | 0.04652074086136554 | 7.47440503200434 |  |
| frozenset({'L', 'R'}) | frozenset({'T'}) | 0.06621638838572445 | 0.06177153485931651 | 0.05072440965223684 | 0.7660401131628689 | 12.401183083883387 | 0.04663412170881002 | 4.010210800767835 |  |
| frozenset({'T', 'R'}) | frozenset({'L'}) | 0.052300809490693836 | 0.09883125647471665 | 0.05072440965223684 | 0.9698589782107007 | 9.813281878681906 | 0.04555545493562678 | 29.898413856865865 |  |
| frozenset({'T'}) | frozenset({'L', 'R'}) | 0.06177153485931651 | 0.06621638838572445 | 0.05072440965223684 | 0.8211615555248986 | 12.401183083883389 | 0.04663412170881002 | 5.221380751521133 |  |
| frozenset({'L', 'G'}) | frozenset({'R'}) | 0.07385474830706878 | 0.07259001282954146 | 0.05910124101608637 | 0.8002361712798589 | 11.024053311011295 | 0.05374012388895369 | 4.642532099591025 |  |
| frozenset({'L', 'R'}) | frozenset({'G'}) | 0.06621638838572445 | 0.08163402926713037 | 0.05910124101608637 | 0.8925470333991813 | 10.933516836202056 | 0.053695730428642466 | 8.546678605389685 |  |
| frozenset({'G', 'R'}) | frozenset({'L'}) | 0.061388517337788634 | 0.09883125647471665 | 0.05910124101608637 | 0.9627409746823402 | 9.74126009344657 | 0.05303413671447279 | 24.1865893120439 |  |
| frozenset({'G'}) | frozenset({'L', 'R'}) | 0.08163402926713037 | 0.06621638838572445 | 0.05910124101608637 | 0.7239779972478126 | 10.933516836202056 | 0.053695730428642466 | 3.383004261629921 |  |
| frozenset({'R'}) | frozenset({'L', 'G'}) | 0.07259001282954146 | 0.07385474830706878 | 0.05910124101608637 | 0.8141786826084475 | 11.024053311011295 | 0.05374012388895369 | 4.984063533148937 |  |
| frozenset({'G', 'V'}) | frozenset({'R'}) | 0.07226940151166972 | 0.07259001282954146 | 0.058048515744596706 | 0.8032239721152707 | 11.06521325463092 | 0.05280247896168132 | 4.713023212937971 |  |
| frozenset({'G', 'R'}) | frozenset({'V'}) | 0.061388517337788634 | 0.08925077049272465 | 0.058048515744596706 | 0.9455924049311427 | 10.594781419934336 | 0.05256954327279308 | 16.7393767056722 |  |
| frozenset({'V', 'R'}) | frozenset({'G'}) | 0.06329601848839843 | 0.08163402926713037 | 0.058048515744596706 | 0.9170958479045006 | 11.234234744232644 | 0.052881406718821966 | 11.077442414162569 |  |
| frozenset({'G'}) | frozenset({'V', 'R'}) | 0.08163402926713037 | 0.06329601848839843 | 0.058048515744596706 | 0.7110823300739575 | 11.234234744232644 | 0.052881406718821966 | 3.2421138580806783 |  |
| frozenset({'R'}) | frozenset({'G', 'V'}) | 0.07259001282954146 | 0.07226940151166972 | 0.058048515744596706 | 0.7996763395111717 | 11.06521325463092 | 0.05280247896168132 | 4.631158377520103 |  |
| frozenset({'L', 'V'}) | frozenset({'R'}) | 0.07871282627837838 | 0.07259001282954146 | 0.060777838252297066 | 0.7721465627132758 | 10.637090869875705 | 0.05506407318290011 | 4.070204067202341 |  |
| frozenset({'L', 'R'}) | frozenset({'V'}) | 0.06621638838572445 | 0.08925077049272465 | 0.060777838252297066 | 0.917867007458234 | 10.284135390551668 | 0.05486797456962565 | 11.088713576875264 |  |
| frozenset({'V', 'R'}) | frozenset({'L'}) | 0.06329601848839843 | 0.09883125647471665 | 0.060777838252297066 | 0.9602158193162984 | 9.715709923833096 | 0.054522213215241755 | 22.651434013179653 |  |
| frozenset({'R'}) | frozenset({'L', 'V'}) | 0.07259001282954146 | 0.07871282627837838 | 0.060777838252297066 | 0.837275485747851 | 10.637090869875705 | 0.05506407318290011 | 5.6616372644016355 |  |
| frozenset({'L', 'T'}) | frozenset({'G'}) | 0.05790974029364771 | 0.08163402926713037 | 0.05378171145719651 | 0.9287161569794846 | 11.376581130651463 | 0.04905430602321296 | 12.883227556468375 |  |
| frozenset({'L', 'G'}) | frozenset({'T'}) | 0.07385474830706878 | 0.06177153485931651 | 0.05378171145719651 | 0.7282092579015527 | 11.788751235662758 | 0.049219590297620366 | 3.4520251054056903 |  |
| frozenset({'T', 'G'}) | frozenset({'L'}) | 0.055407322474014746 | 0.09883125647471665 | 0.05378171145719651 | 0.9706607187600408 | 9.82139409518039 | 0.04830573615918983 | 30.715433556631194 |  |
| frozenset({'T'}) | frozenset({'L', 'G'}) | 0.06177153485931651 | 0.07385474830706878 | 0.05378171145719651 | 0.8706552553645192 | 11.788751235662758 | 0.049219590297620366 | 7.1602851302771695 |  |
| frozenset({'T', 'G'}) | frozenset({'V'}) | 0.055407322474014746 | 0.08925077049272465 | 0.05328152711171913 | 0.9616333136600748 | 10.774509938135079 | 0.048336380889974453 | 23.738021611721237 |  |
| frozenset({'T', 'V'}) | frozenset({'G'}) | 0.05661986575482062 | 0.08163402926713037 | 0.05328152711171913 | 0.9410394461626348 | 11.527538878220492 | 0.04865941933358911 | 15.575938673609805 |  |
| frozenset({'G', 'V'}) | frozenset({'T'}) | 0.07226940151166972 | 0.06177153485931651 | 0.05328152711171913 | 0.7372626034977677 | 11.93531300746969 | 0.04881733525697908 | 3.570974203258165 |  |
| frozenset({'T'}) | frozenset({'G', 'V'}) | 0.06177153485931651 | 0.07226940151166972 | 0.05328152711171913 | 0.8625579279042813 | 11.935313007469691 | 0.04881733525697908 | 6.749975348467037 |  |
| frozenset({'L', 'T'}) | frozenset({'V'}) | 0.05790974029364771 | 0.08925077049272465 | 0.05479576028723932 | 0.9462270079158001 | 10.601891756138201 | 0.04962727134699768 | 16.936926776943842 |  |
| frozenset({'T', 'V'}) | frozenset({'L'}) | 0.05661986575482062 | 0.09883125647471665 | 0.05479576028723932 | 0.9677832957873802 | 9.792279591578014 | 0.04919994781326062 | 27.97209601509397 |  |
| frozenset({'T'}) | frozenset({'L', 'V'}) | 0.06177153485931651 | 0.07871282627837838 | 0.05479576028723932 | 0.8870713737652078 | 11.269718236618287 | 0.049933548194909146 | 8.15813673147989 |  |
| frozenset({'L', 'G'}) | frozenset({'V'}) | 0.07385474830706878 | 0.08925077049272465 | 0.06833028693162305 | 0.9251982912124151 | 10.366277916758529 | 0.061738693740670904 | 12.175513691719782 |  |
| frozenset({'L', 'V'}) | frozenset({'G'}) | 0.07871282627837838 | 0.08163402926713037 | 0.06833028693162305 | 0.8680959655795347 | 10.633996304884956 | 0.06190464176751536 | 6.962379693447668 |  |
| frozenset({'G', 'V'}) | frozenset({'L'}) | 0.07226940151166972 | 0.09883125647471665 | 0.06833028693162305 | 0.9454940196313844 | 9.566750978960425 | 0.061187811175548945 | 16.533392068738443 |  |
| frozenset({'G'}) | frozenset({'L', 'V'}) | 0.08163402926713037 | 0.07871282627837838 | 0.06833028693162305 | 0.8370319037913271 | 10.633996304884956 | 0.06190464176751536 | 5.653175039499493 |  |
| frozenset({'V'}) | frozenset({'L', 'G'}) | 0.08925077049272465 | 0.07385474830706878 | 0.06833028693162305 | 0.7655988464233264 | 10.366277916758529 | 0.061738693740670904 | 3.9511121748382747 |  |
| frozenset({'L', 'S', 'A'}) | frozenset({'R'}) | 0.05686556117541642 | 0.07259001282954146 | 0.05056788092092657 | 0.8892531767151116 | 12.250351557359394 | 0.04644000910564401 | 8.374145277149502 |  |
| frozenset({'L', 'S', 'R'}) | frozenset({'A'}) | 0.05149148895213194 | 0.11199824614785502 | 0.05056788092092657 | 0.9820628991314665 | 8.768556052520603 | 0.044800924466746134 | 49.506425835511614 |  |
| frozenset({'L', 'A', 'R'}) | frozenset({'S'}) | 0.06370779429804686 | 0.06277536843056879 | 0.05056788092092657 | 0.7937471619932832 | 12.644245375814696 | 0.04656860066196779 | 4.544056899420263 |  |
| frozenset({'S', 'A', 'R'}) | frozenset({'L'}) | 0.05186821417591444 | 0.09883125647471665 | 0.05056788092092657 | 0.9749300554174141 | 9.864592338425082 | 0.04544168014282123 | 35.94618011845357 |  |
| frozenset({'L', 'S'}) | frozenset({'A', 'R'}) | 0.05862255562111727 | 0.06736681154188541 | 0.05056788092092657 | 0.8626010992722875 | 12.804540982854206 | 0.04661866626429506 | 6.787777657015912 |  |
| frozenset({'L', 'R'}) | frozenset({'S', 'A'}) | 0.06621638838572445 | 0.059631520790698875 | 0.05056788092092657 | 0.7636762160200882 | 12.806586280107146 | 0.046619296980218244 | 3.9791529374344945 |  |
| frozenset({'S', 'A'}) | frozenset({'L', 'R'}) | 0.059631520790698875 | 0.06621638838572445 | 0.05056788092092657 | 0.8480058910188649 | 12.806586280107146 | 0.046619296980218244 | 6.143551338099381 |  |
| frozenset({'S', 'R'}) | frozenset({'L', 'A'}) | 0.053122244082986596 | 0.08792589181279875 | 0.05056788092092657 | 0.9519153754485663 | 10.826337451035132 | 0.045897060234832796 | 18.968102937179047 |  |
| frozenset({'A', 'R'}) | frozenset({'L', 'S'}) | 0.06736681154188541 | 0.05862255562111727 | 0.05056788092092657 | 0.7506349159702462 | 12.804540982854205 | 0.04661866626429506 | 3.7750972556629434 |  |
| frozenset({'S'}) | frozenset({'L', 'A', 'R'}) | 0.06277536843056879 | 0.06370779429804686 | 0.05056788092092657 | 0.8055369834564329 | 12.644245375814695 | 0.04656860066196779 | 4.814757182850694 |  |
| frozenset({'L', 'S', 'A'}) | frozenset({'G'}) | 0.05686556117541642 | 0.08163402926713037 | 0.053326454711890944 | 0.9377636237052477 | 11.487410729618789 | 0.04868428982660521 | 14.756096440825475 |  |
| frozenset({'L', 'S', 'G'}) | frozenset({'A'}) | 0.054323820707546065 | 0.11199824614785502 | 0.053326454711890944 | 0.9816403562440045 | 8.764783289089074 | 0.04724228206859526 | 48.3670470763987 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'S'}) | 0.07120191234341462 | 0.06277536843056879 | 0.053326454711890944 | 0.7489469447771516 | 11.93058620763822 | 0.04885672843157203 | 3.733173574555783 |  |
| frozenset({'S', 'A', 'G'}) | frozenset({'L'}) | 0.054721485065396494 | 0.09883125647471665 | 0.053326454711890944 | 0.9745067161127229 | 9.860308882767514 | 0.04791826158671537 | 35.34926090769451 |  |
| frozenset({'L', 'S'}) | frozenset({'A', 'G'}) | 0.05862255562111727 | 0.07650018964310126 | 0.053326454711890944 | 0.9096576249002946 | 11.890919867573517 | 0.04884181808951222 | 10.222221956614353 |  |
| frozenset({'L', 'G'}) | frozenset({'S', 'A'}) | 0.07385474830706878 | 0.059631520790698875 | 0.053326454711890944 | 0.7220450402210221 | 12.108445846204953 | 0.04892238375272614 | 3.383168553484551 |  |
| frozenset({'S', 'A'}) | frozenset({'L', 'G'}) | 0.059631520790698875 | 0.07385474830706878 | 0.053326454711890944 | 0.8942662203612394 | 12.108445846204955 | 0.04892238375272614 | 8.759218244700092 |  |
| frozenset({'S', 'G'}) | frozenset({'L', 'A'}) | 0.05603639065790664 | 0.08792589181279875 | 0.053326454711890944 | 0.95163971279736 | 10.823202280660139 | 0.04839940508932412 | 18.859981214863662 |  |
| frozenset({'S'}) | frozenset({'L', 'A', 'G'}) | 0.06277536843056879 | 0.07120191234341462 | 0.053326454711890944 | 0.8494805533618079 | 11.93058620763822 | 0.04885672843157203 | 6.170618537345305 |  |
| frozenset({'S', 'A', 'G'}) | frozenset({'V'}) | 0.054721485065396494 | 0.08925077049272465 | 0.05269562369841285 | 0.9629786844314884 | 10.78958399031397 | 0.04781168899382009 | 24.600671681206016 |  |
| frozenset({'S', 'A', 'V'}) | frozenset({'G'}) | 0.055611286224640136 | 0.08163402926713037 | 0.05269562369841285 | 0.9475706691183233 | 11.607545010642504 | 0.048155850331167815 | 17.516263421432026 |  |
| frozenset({'S', 'G', 'V'}) | frozenset({'A'}) | 0.053477259314270977 | 0.11199824614785502 | 0.05269562369841285 | 0.9853837757229729 | 8.798207200692355 | 0.04670626444642046 | 60.75452435741907 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'S'}) | 0.06991560506757935 | 0.06277536843056879 | 0.05269562369841285 | 0.7537033205602394 | 12.006354393504758 | 0.04830664583124942 | 3.8052670206569235 |  |
| frozenset({'S', 'A'}) | frozenset({'G', 'V'}) | 0.059631520790698875 | 0.07226940151166972 | 0.05269562369841285 | 0.883687402227584 | 12.227683967811611 | 0.048386089379638356 | 7.97618328758835 |  |
| frozenset({'S', 'G'}) | frozenset({'A', 'V'}) | 0.05603639065790664 | 0.0821844280830441 | 0.05269562369841285 | 0.9403821887835595 | 11.44234024276887 | 0.048090304980354756 | 15.394989403164377 |  |
| frozenset({'S', 'V'}) | frozenset({'A', 'G'}) | 0.05691833593970852 | 0.07650018964310126 | 0.05269562369841285 | 0.925811038366114 | 12.102075075700196 | 0.0483413602048554 | 12.447940906819323 |  |
| frozenset({'G', 'V'}) | frozenset({'S', 'A'}) | 0.07226940151166972 | 0.059631520790698875 | 0.05269562369841285 | 0.7291553907486533 | 12.22768396781161 | 0.048386089379638356 | 3.4719852162042817 |  |
| frozenset({'S'}) | frozenset({'A', 'G', 'V'}) | 0.06277536843056879 | 0.06991560506757935 | 0.05269562369841285 | 0.8394315320776747 | 12.006354393504756 | 0.04830664583124942 | 5.792447340173585 |  |
| frozenset({'L', 'S', 'A'}) | frozenset({'V'}) | 0.05686556117541642 | 0.08925077049272465 | 0.054148008576117325 | 0.9522109244483474 | 10.66893786116914 | 0.04907271342671024 | 19.057686699189166 |  |
| frozenset({'L', 'S', 'V'}) | frozenset({'A'}) | 0.055092020191024126 | 0.11199824614785502 | 0.054148008576117325 | 0.9828648212275831 | 8.775716183359242 | 0.047977798937980404 | 51.82331422661277 |  |
| frozenset({'L', 'A', 'V'}) | frozenset({'S'}) | 0.07535692513356176 | 0.06277536843056879 | 0.054148008576117325 | 0.7185538486362867 | 11.44642981157532 | 0.0494174498370632 | 3.3300317912617476 |  |
| frozenset({'S', 'A', 'V'}) | frozenset({'L'}) | 0.055611286224640136 | 0.09883125647471665 | 0.054148008576117325 | 0.9736873978671893 | 9.852018810630838 | 0.04865187528436104 | 34.248560403745216 |  |
| frozenset({'L', 'S'}) | frozenset({'A', 'V'}) | 0.05862255562111727 | 0.0821844280830441 | 0.054148008576117325 | 0.9236719211983978 | 11.23901379790663 | 0.04933014736962936 | 12.0246125191047 |  |
| frozenset({'S', 'A'}) | frozenset({'L', 'V'}) | 0.059631520790698875 | 0.07871282627837838 | 0.054148008576117325 | 0.9080433948040975 | 11.53615538581579 | 0.04945424303940354 | 10.018716673575863 |  |
| frozenset({'S', 'V'}) | frozenset({'L', 'A'}) | 0.05691833593970852 | 0.08792589181279875 | 0.054148008576117325 | 0.9513280330871637 | 10.819657480558936 | 0.04914341312811798 | 18.739207926825326 |  |
| frozenset({'S'}) | frozenset({'L', 'A', 'V'}) | 0.06277536843056879 | 0.07535692513356176 | 0.054148008576117325 | 0.8625677543574507 | 11.446429811575317 | 0.0494174498370632 | 6.727992186574348 |  |
| frozenset({'L', 'S', 'G'}) | frozenset({'V'}) | 0.054323820707546065 | 0.08925077049272465 | 0.0523692462541156 | 0.9640199377000197 | 10.801250592885387 | 0.04752080339985848 | 25.312608463931817 |  |
| frozenset({'L', 'S', 'V'}) | frozenset({'G'}) | 0.055092020191024126 | 0.08163402926713037 | 0.0523692462541156 | 0.9505777074888945 | 11.644380609688232 | 0.0478718626654562 | 18.58201884355135 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'S'}) | 0.06833028693162305 | 0.06277536843056879 | 0.0523692462541156 | 0.7664133813241646 | 12.20882330896772 | 0.04807978731701648 | 4.012321582813286 |  |
| frozenset({'S', 'G', 'V'}) | frozenset({'L'}) | 0.053477259314270977 | 0.09883125647471665 | 0.0523692462541156 | 0.9792806685614928 | 9.908612958007023 | 0.04708402152326195 | 43.494103378762766 |  |
| frozenset({'L', 'S'}) | frozenset({'G', 'V'}) | 0.05862255562111727 | 0.07226940151166972 | 0.0523692462541156 | 0.8933292944883304 | 12.361099937213123 | 0.04813262924429288 | 8.697145050632841 |  |
| frozenset({'L', 'G'}) | frozenset({'S', 'V'}) | 0.07385474830706878 | 0.05691833593970852 | 0.0523692462541156 | 0.7090843507634462 | 12.457924833125006 | 0.048165556879231235 | 3.2417701369287237 |  |
| frozenset({'S', 'G'}) | frozenset({'L', 'V'}) | 0.05603639065790664 | 0.07871282627837838 | 0.0523692462541156 | 0.9345578050132033 | 11.873005318193192 | 0.04795846357099245 | 14.077877031898089 |  |
| frozenset({'S', 'V'}) | frozenset({'L', 'G'}) | 0.05691833593970852 | 0.07385474830706878 | 0.0523692462541156 | 0.9200769029788292 | 12.457924833125006 | 0.048165556879231235 | 11.587954999386527 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'S'}) | 0.07226940151166972 | 0.05862255562111727 | 0.0523692462541156 | 0.7246392686074654 | 12.361099937213123 | 0.04813262924429288 | 3.4187062171799734 |  |
| frozenset({'S'}) | frozenset({'L', 'G', 'V'}) | 0.06277536843056879 | 0.06833028693162305 | 0.0523692462541156 | 0.8342323997992519 | 12.208823308967721 | 0.04807978731701648 | 5.620336615479172 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'D'}) | 0.07120191234341462 | 0.056549442031966345 | 0.0506666675101602 | 0.7115913862789149 | 12.583526215460545 | 0.046640239095531125 | 3.2712287812611183 |  |
| frozenset({'L', 'A', 'D'}) | frozenset({'G'}) | 0.05332346988862142 | 0.08163402926713037 | 0.0506666675101602 | 0.9501757409258892 | 11.639456602302905 | 0.04631365780864753 | 18.43210491834613 |  |
| frozenset({'L', 'G', 'D'}) | frozenset({'A'}) | 0.05125093774984703 | 0.11199824614785502 | 0.0506666675101602 | 0.9885998136748517 | 8.826922274923367 | 0.044926652368744435 | 77.8936175712545 |  |
| frozenset({'A', 'G', 'D'}) | frozenset({'L'}) | 0.05147605974669022 | 0.09883125647471665 | 0.0506666675101602 | 0.9842763366016556 | 9.95916040846305 | 0.04557922384702722 | 57.312899716497995 |  |
| frozenset({'L', 'D'}) | frozenset({'A', 'G'}) | 0.054383932586357764 | 0.07650018964310126 | 0.0506666675101602 | 0.9316477330819205 | 12.178371549513352 | 0.04650628635376619 | 13.510887816840333 |  |
| frozenset({'A', 'D'}) | frozenset({'L', 'G'}) | 0.054804371702081155 | 0.07385474830706878 | 0.0506666675101602 | 0.9245004720715769 | 12.517820360415353 | 0.04661910443197595 | 12.266901225805785 |  |
| frozenset({'G', 'D'}) | frozenset({'L', 'A'}) | 0.05230405713922273 | 0.08792589181279875 | 0.0506666675101602 | 0.9686947873908875 | 11.017173296954624 | 0.04606778664076645 | 29.134895826317145 |  |
| frozenset({'D'}) | frozenset({'L', 'A', 'G'}) | 0.056549442031966345 | 0.07120191234341462 | 0.0506666675101602 | 0.8959711305642817 | 12.583526215460545 | 0.046640239095531125 | 8.928272437205614 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'D'}) | 0.06991560506757935 | 0.056549442031966345 | 0.05011438106269863 | 0.716783914181374 | 12.67534901186451 | 0.0461606926067997 | 3.3312040000871543 |  |
| frozenset({'A', 'G', 'D'}) | frozenset({'V'}) | 0.05147605974669022 | 0.08925077049272465 | 0.05011438106269863 | 0.9735473404395693 | 10.907999281854142 | 0.045520103068377 | 34.42940122624271 |  |
| frozenset({'A', 'V', 'D'}) | frozenset({'G'}) | 0.05237564990765913 | 0.08163402926713037 | 0.05011438106269863 | 0.95682595158347 | 11.720920309500542 | 0.04583874572525181 | 21.271249846036092 |  |
| frozenset({'G', 'V', 'D'}) | frozenset({'A'}) | 0.05071202968490627 | 0.11199824614785502 | 0.05011438106269863 | 0.9882148550172205 | 8.82348509022743 | 0.044434722679391164 | 75.34924306401805 |  |
| frozenset({'A', 'D'}) | frozenset({'G', 'V'}) | 0.054804371702081155 | 0.07226940151166972 | 0.05011438106269863 | 0.9144230561591417 | 12.652976737485297 | 0.04615370191956614 | 10.840894250834292 |  |
| frozenset({'G', 'D'}) | frozenset({'A', 'V'}) | 0.05230405713922273 | 0.0821844280830441 | 0.05011438106269863 | 0.9581356361955703 | 11.658359844366286 | 0.04581580204028875 | 21.92355236077518 |  |
| frozenset({'V', 'D'}) | frozenset({'A', 'G'}) | 0.05337158905079347 | 0.07650018964310126 | 0.05011438106269863 | 0.9389711259112976 | 12.274101937418836 | 0.046031444378759265 | 15.132178401565108 |  |
| frozenset({'D'}) | frozenset({'A', 'G', 'V'}) | 0.056549442031966345 | 0.06991560506757935 | 0.05011438106269863 | 0.8862046956072512 | 12.67534901186451 | 0.0461606926067997 | 8.173310839983019 |  |
| frozenset({'L', 'A', 'D'}) | frozenset({'V'}) | 0.05332346988862142 | 0.08925077049272465 | 0.05139743463985958 | 0.9638801590972078 | 10.799684459595554 | 0.046638273866954516 | 25.21465230033367 |  |
| frozenset({'L', 'V', 'D'}) | frozenset({'A'}) | 0.05208802899362208 | 0.11199824614785502 | 0.05139743463985958 | 0.9867417837244895 | 8.810332462008715 | 0.045563666747275286 | 66.97746781310168 |  |
| frozenset({'A', 'V', 'D'}) | frozenset({'L'}) | 0.05237564990765913 | 0.09883125647471665 | 0.05139743463985958 | 0.9813230906055735 | 9.929278708063567 | 0.046221083350805756 | 48.25042112129157 |  |
| frozenset({'L', 'D'}) | frozenset({'A', 'V'}) | 0.054383932586357764 | 0.0821844280830441 | 0.05139743463985958 | 0.9450849211436514 | 11.499561938773615 | 0.04692792224334294 | 16.713361630925696 |  |
| frozenset({'A', 'D'}) | frozenset({'L', 'V'}) | 0.054804371702081155 | 0.07871282627837838 | 0.05139743463985958 | 0.9378345749360685 | 11.91463474604878 | 0.04708362765077799 | 14.819928807277694 |  |
| frozenset({'V', 'D'}) | frozenset({'L', 'A'}) | 0.05337158905079347 | 0.08792589181279875 | 0.05139743463985958 | 0.963011136710674 | 10.952531920415451 | 0.04670469007510236 | 24.658073459921663 |  |
| frozenset({'D'}) | frozenset({'L', 'A', 'V'}) | 0.056549442031966345 | 0.07535692513356176 | 0.05139743463985958 | 0.9088937537315677 | 12.061184186067235 | 0.047136042570312 | 10.149063458745754 |  |
| frozenset({'L', 'A', 'T'}) | frozenset({'R'}) | 0.05658952510527626 | 0.07259001282954146 | 0.05003527999274582 | 0.8841791815651879 | 12.180452201344144 | 0.04592744563933616 | 8.007282280537819 |  |
| frozenset({'L', 'A', 'R'}) | frozenset({'T'}) | 0.06370779429804686 | 0.06177153485931651 | 0.05003527999274582 | 0.7853871028506129 | 12.7143854307541 | 0.04609995175645385 | 4.371724521698265 |  |
| frozenset({'L', 'T', 'R'}) | frozenset({'A'}) | 0.05072440965223684 | 0.11199824614785502 | 0.05003527999274582 | 0.9864142399248085 | 8.80740791800069 | 0.04435423507480996 | 65.36268482127059 |  |
| frozenset({'A', 'T', 'R'}) | frozenset({'L'}) | 0.05135332527840762 | 0.09883125647471665 | 0.05003527999274582 | 0.9743337889315612 | 9.858559161198347 | 0.044959966331325964 | 35.11109376924868 |  |
| frozenset({'L', 'T'}) | frozenset({'A', 'R'}) | 0.05790974029364771 | 0.06736681154188541 | 0.05003527999274582 | 0.8640218336160339 | 12.82563051212283 | 0.046134085431944125 | 6.858698078223875 |  |
| frozenset({'L', 'R'}) | frozenset({'A', 'T'}) | 0.06621638838572445 | 0.05935304107784813 | 0.05003527999274582 | 0.7556328759774655 | 12.731156858270644 | 0.04610513597286117 | 3.849318776757423 |  |
| frozenset({'A', 'T'}) | frozenset({'L', 'R'}) | 0.05935304107784813 | 0.06621638838572445 | 0.05003527999274582 | 0.8430112271268285 | 12.731156858270644 | 0.04610513597286117 | 5.948091666202546 |  |
| frozenset({'A', 'R'}) | frozenset({'L', 'T'}) | 0.06736681154188541 | 0.05790974029364771 | 0.05003527999274582 | 0.742728932059317 | 12.82563051212283 | 0.046134085431944125 | 3.6618585496118157 |  |
| frozenset({'T', 'R'}) | frozenset({'L', 'A'}) | 0.052300809490693836 | 0.08792589181279875 | 0.05003527999274582 | 0.9566827068259596 | 10.880557331881416 | 0.04543668467574527 | 21.055657945261387 |  |
| frozenset({'T'}) | frozenset({'L', 'A', 'R'}) | 0.06177153485931651 | 0.06370779429804686 | 0.05003527999274582 | 0.8100054516485662 | 12.7143854307541 | 0.04609995175645385 | 4.927995112628648 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'R'}) | 0.07120191234341462 | 0.07259001282954146 | 0.05796396217689568 | 0.8140787272303747 | 11.214748358593411 | 0.052795414446399326 | 4.988186523010793 |  |
| frozenset({'L', 'A', 'R'}) | frozenset({'G'}) | 0.06370779429804686 | 0.08163402926713037 | 0.05796396217689568 | 0.9098409828116232 | 11.145364145071879 | 0.052763238232624604 | 10.186069007540869 |  |
| frozenset({'L', 'G', 'R'}) | frozenset({'A'}) | 0.05910124101608637 | 0.11199824614785502 | 0.05796396217689568 | 0.9807571073020085 | 8.756897014326968 | 0.051344726837932335 | 46.14699919543961 |  |
| frozenset({'A', 'G', 'R'}) | frozenset({'L'}) | 0.059699335291423405 | 0.09883125647471665 | 0.05796396217689568 | 0.9709314499724918 | 9.824133423021681 | 0.05206380185933891 | 31.001503090883038 |  |
| frozenset({'L', 'G'}) | frozenset({'A', 'R'}) | 0.07385474830706878 | 0.06736681154188541 | 0.05796396217689568 | 0.784837312502869 | 11.650207194604947 | 0.05298860326622 | 4.334548890920274 |  |
| frozenset({'L', 'R'}) | frozenset({'A', 'G'}) | 0.06621638838572445 | 0.07650018964310126 | 0.05796396217689568 | 0.8753718466075702 | 11.442740870205288 | 0.052898395907906515 | 7.410041673721806 |  |
| frozenset({'A', 'G'}) | frozenset({'L', 'R'}) | 0.07650018964310126 | 0.06621638838572445 | 0.05796396217689568 | 0.757696973658716 | 11.44274087020529 | 0.052898395907906515 | 3.8537843530647478 |  |
| frozenset({'A', 'R'}) | frozenset({'L', 'G'}) | 0.06736681154188541 | 0.07385474830706878 | 0.05796396217689568 | 0.8604231200827503 | 11.650207194604947 | 0.05298860326622 | 6.635377236129729 |  |
| frozenset({'G', 'R'}) | frozenset({'L', 'A'}) | 0.061388517337788634 | 0.08792589181279875 | 0.05796396217689568 | 0.9442150534105681 | 10.738760039202985 | 0.05256632204290516 | 16.34982488913932 |  |
| frozenset({'G'}) | frozenset({'L', 'A', 'R'}) | 0.08163402926713037 | 0.06370779429804686 | 0.05796396217689568 | 0.7100465663310661 | 11.145364145071877 | 0.052763238232624604 | 3.2291123228118166 |  |
| frozenset({'R'}) | frozenset({'L', 'A', 'G'}) | 0.07259001282954146 | 0.07120191234341462 | 0.05796396217689568 | 0.798511529582021 | 11.21474835859341 | 0.052795414446399326 | 4.6096835502787545 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'R'}) | 0.06991560506757935 | 0.07259001282954146 | 0.057066522101518524 | 0.8162200991661146 | 11.244247897886348 | 0.05199134743267778 | 5.046308018245825 |  |
| frozenset({'A', 'G', 'R'}) | frozenset({'V'}) | 0.059699335291423405 | 0.08925077049272465 | 0.057066522101518524 | 0.9558987855216016 | 10.710258076702234 | 0.051738310428855475 | 20.651341244885142 |  |
| frozenset({'A', 'V', 'R'}) | frozenset({'G'}) | 0.06150753201892621 | 0.08163402926713037 | 0.057066522101518524 | 0.9277972994260091 | 11.3653253153778 | 0.052045414432536546 | 12.7192745344997 |  |
| frozenset({'G', 'V', 'R'}) | frozenset({'A'}) | 0.058048515744596706 | 0.11199824614785502 | 0.057066522101518524 | 0.9830832256349364 | 8.777666253247524 | 0.050565190146637545 | 52.4923803255331 |  |
| frozenset({'A', 'G'}) | frozenset({'V', 'R'}) | 0.07650018964310126 | 0.06329601848839843 | 0.057066522101518524 | 0.7459657599249461 | 11.785350449202024 | 0.0522243646835028 | 3.6873138882178016 |  |
| frozenset({'A', 'R'}) | frozenset({'G', 'V'}) | 0.06736681154188541 | 0.07226940151166972 | 0.057066522101518524 | 0.8471014256929369 | 11.721439613086474 | 0.05219796294963702 | 6.067620987918355 |  |
| frozenset({'G', 'V'}) | frozenset({'A', 'R'}) | 0.07226940151166972 | 0.06736681154188541 | 0.057066522101518524 | 0.7896360134143866 | 11.721439613086472 | 0.05219796294963702 | 4.433426099189055 |  |
| frozenset({'G', 'R'}) | frozenset({'A', 'V'}) | 0.061388517337788634 | 0.0821844280830441 | 0.057066522101518524 | 0.9295960315756048 | 11.311096922598097 | 0.052021341913246325 | 13.03641815166387 |  |
| frozenset({'V', 'R'}) | frozenset({'A', 'G'}) | 0.06329601848839843 | 0.07650018964310126 | 0.057066522101518524 | 0.9015815443743636 | 11.785350449202024 | 0.0522243646835028 | 9.38340075025869 |  |
| frozenset({'R'}) | frozenset({'A', 'G', 'V'}) | 0.07259001282954146 | 0.06991560506757935 | 0.057066522101518524 | 0.7861483953105812 | 11.244247897886348 | 0.05199134743267778 | 4.349204656580445 |  |
| frozenset({'L', 'A', 'V'}) | frozenset({'R'}) | 0.07535692513356176 | 0.07259001282954146 | 0.05960958371741851 | 0.7910299366881962 | 10.897228225399571 | 0.054139423555178465 | 4.438004049348791 |  |
| frozenset({'L', 'A', 'R'}) | frozenset({'V'}) | 0.06370779429804686 | 0.08925077049272465 | 0.05960958371741851 | 0.9356717553042957 | 10.48362664141446 | 0.05392361398992582 | 14.157843631758432 |  |
| frozenset({'L', 'V', 'R'}) | frozenset({'A'}) | 0.060777838252297066 | 0.11199824614785502 | 0.05960958371741851 | 0.9807782808919762 | 8.757086067197848 | 0.052802572428503225 | 46.197832195012204 |  |
| frozenset({'A', 'V', 'R'}) | frozenset({'L'}) | 0.06150753201892621 | 0.09883125647471665 | 0.05960958371741851 | 0.9691428311426364 | 9.806035718978903 | 0.05353071704532916 | 29.204518006525866 |  |
| frozenset({'L', 'V'}) | frozenset({'A', 'R'}) | 0.07871282627837838 | 0.06736681154188541 | 0.05960958371741851 | 0.7573045783745751 | 11.241508408093797 | 0.054306951583593825 | 3.8428132768715217 |  |
| frozenset({'L', 'R'}) | frozenset({'A', 'V'}) | 0.06621638838572445 | 0.0821844280830441 | 0.05960958371741851 | 0.9002240256623494 | 10.953705545686937 | 0.05416762770821302 | 9.198763309601846 |  |
| frozenset({'A', 'V'}) | frozenset({'L', 'R'}) | 0.0821844280830441 | 0.06621638838572445 | 0.05960958371741851 | 0.72531482067607 | 10.953705545686937 | 0.05416762770821302 | 3.399468489390488 |  |
| frozenset({'A', 'R'}) | frozenset({'L', 'V'}) | 0.06736681154188541 | 0.07871282627837838 | 0.05960958371741851 | 0.8848508984332168 | 11.241508408093797 | 0.054306951583593825 | 8.000819469592663 |  |
| frozenset({'V', 'R'}) | frozenset({'L', 'A'}) | 0.06329601848839843 | 0.08792589181279875 | 0.05960958371741851 | 0.9417588205543196 | 10.710824776840472 | 0.05404422484362668 | 15.660295977313819 |  |
| frozenset({'R'}) | frozenset({'L', 'A', 'V'}) | 0.07259001282954146 | 0.07535692513356176 | 0.05960958371741851 | 0.8211816115447717 | 10.897228225399571 | 0.054139423555178465 | 5.17085006108276 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'T'}) | 0.07120191234341462 | 0.06177153485931651 | 0.05313070602858063 | 0.7461977393574124 | 12.079961118933882 | 0.048732454618209395 | 3.696690733822606 |  |
| frozenset({'L', 'A', 'T'}) | frozenset({'G'}) | 0.05658952510527626 | 0.08163402926713037 | 0.05313070602858063 | 0.9388788106940106 | 11.50107153993006 | 0.0485110750799235 | 15.025328877932626 |  |
| frozenset({'L', 'T', 'G'}) | frozenset({'A'}) | 0.05378171145719651 | 0.11199824614785502 | 0.05313070602858063 | 0.9878954125672628 | 8.820632880831795 | 0.047107248670544624 | 73.36076167705778 |  |
| frozenset({'A', 'G', 'T'}) | frozenset({'L'}) | 0.05447904088059728 | 0.09883125647471665 | 0.05313070602858063 | 0.9752503929910987 | 9.867833596151746 | 0.047746473966813745 | 36.411436480634826 |  |
| frozenset({'L', 'G'}) | frozenset({'A', 'T'}) | 0.07385474830706878 | 0.05935304107784813 | 0.05313070602858063 | 0.7193945852699546 | 12.12060194736085 | 0.04874720211851704 | 3.3522053016229036 |  |
| frozenset({'L', 'T'}) | frozenset({'A', 'G'}) | 0.05790974029364771 | 0.07650018964310126 | 0.05313070602858063 | 0.9174744310571307 | 11.993100086907665 | 0.048700599913933836 | 11.190468871486578 |  |
| frozenset({'A', 'T'}) | frozenset({'L', 'G'}) | 0.05935304107784813 | 0.07385474830706878 | 0.05313070602858063 | 0.8951640061525034 | 12.12060194736085 | 0.04874720211851704 | 8.834229711602495 |  |
| frozenset({'T', 'G'}) | frozenset({'L', 'A'}) | 0.055407322474014746 | 0.08792589181279875 | 0.05313070602858063 | 0.9589112712222863 | 10.905903272086054 | 0.04825896778709356 | 22.197671607740375 |  |
| frozenset({'T'}) | frozenset({'L', 'A', 'G'}) | 0.06177153485931651 | 0.07120191234341462 | 0.05313070602858063 | 0.8601163327021871 | 12.079961118933882 | 0.048732454618209395 | 6.639789373545452 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'T'}) | 0.06991560506757935 | 0.06177153485931651 | 0.052629182371390575 | 0.7527530130150488 | 12.186082387776658 | 0.048310388135748394 | 3.7947013089295574 |  |
| frozenset({'A', 'G', 'T'}) | frozenset({'V'}) | 0.05447904088059728 | 0.08925077049272465 | 0.052629182371390575 | 0.966044583764588 | 10.823935507014317 | 0.047766885997092626 | 26.821913275722363 |  |
| frozenset({'A', 'V', 'T'}) | frozenset({'G'}) | 0.055522926996962985 | 0.08163402926713037 | 0.052629182371390575 | 0.9478819870982181 | 11.611358591604876 | 0.04809662212392375 | 17.620893806207864 |  |
| frozenset({'T', 'G', 'V'}) | frozenset({'A'}) | 0.05328152711171913 | 0.11199824614785502 | 0.052629182371390575 | 0.9877566433304222 | 8.819393850386108 | 0.04666174478279864 | 72.52927263473812 |  |
| frozenset({'A', 'T'}) | frozenset({'G', 'V'}) | 0.05935304107784813 | 0.07226940151166972 | 0.052629182371390575 | 0.8867141668842466 | 12.269565657618795 | 0.04833977361479694 | 8.189290513849093 |  |
| frozenset({'G', 'V'}) | frozenset({'A', 'T'}) | 0.07226940151166972 | 0.05935304107784813 | 0.052629182371390575 | 0.7282360344840031 | 12.269565657618795 | 0.04833977361479694 | 3.461264473147314 |  |
| frozenset({'T', 'G'}) | frozenset({'A', 'V'}) | 0.055407322474014746 | 0.0821844280830441 | 0.052629182371390575 | 0.9498596940155865 | 11.557660206089054 | 0.048075563262250876 | 18.3049455701819 |  |
| frozenset({'T', 'V'}) | frozenset({'A', 'G'}) | 0.05661986575482062 | 0.07650018964310126 | 0.052629182371390575 | 0.9295179645831237 | 12.15053150743329 | 0.048297751903579864 | 13.102626859379482 |  |
| frozenset({'T'}) | frozenset({'A', 'G', 'V'}) | 0.06177153485931651 | 0.06991560506757935 | 0.052629182371390575 | 0.8519973235447772 | 12.186082387776658 | 0.048310388135748394 | 6.284240374624653 |  |
| frozenset({'L', 'A', 'V'}) | frozenset({'T'}) | 0.07535692513356176 | 0.06177153485931651 | 0.05400849596751751 | 0.7167024911352667 | 11.60247179817602 | 0.049353583039738795 | 3.311813326211286 |  |
| frozenset({'L', 'A', 'T'}) | frozenset({'V'}) | 0.05658952510527626 | 0.08925077049272465 | 0.05400849596751751 | 0.9543903375588125 | 10.69335684487576 | 0.04895783725005422 | 19.968339618423265 |  |
| frozenset({'L', 'T', 'V'}) | frozenset({'A'}) | 0.05479576028723932 | 0.11199824614785502 | 0.05400849596751751 | 0.9856327512275589 | 8.800430231080325 | 0.04787146691900842 | 61.80736255889766 |  |
| frozenset({'A', 'V', 'T'}) | frozenset({'L'}) | 0.055522926996962985 | 0.09883125647471665 | 0.05400849596751751 | 0.9727242220222231 | 9.84227315040833 | 0.04852109532925369 | 33.03915819594643 |  |
| frozenset({'L', 'T'}) | frozenset({'A', 'V'}) | 0.05790974029364771 | 0.0821844280830441 | 0.05400849596751751 | 0.9326323290978712 | 11.34804184748336 | 0.04924921708104646 | 13.62397659925561 |  |
| frozenset({'A', 'T'}) | frozenset({'L', 'V'}) | 0.05935304107784813 | 0.07871282627837838 | 0.05400849596751751 | 0.9099533062961229 | 11.56041968405444 | 0.04933665035606339 | 10.231216003902588 |  |
| frozenset({'T', 'V'}) | frozenset({'L', 'A'}) | 0.05661986575482062 | 0.08792589181279875 | 0.05400849596751751 | 0.9538789124189899 | 10.848669177560057 | 0.04903014377670396 | 19.775641816450555 |  |
| frozenset({'T'}) | frozenset({'L', 'A', 'V'}) | 0.06177153485931651 | 0.07535692513356176 | 0.05400849596751751 | 0.8743265986594121 | 11.60247179817602 | 0.049353583039738795 | 7.357508152107381 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'V'}) | 0.07120191234341462 | 0.08925077049272465 | 0.06681528348562805 | 0.9383916988545283 | 10.514101936307902 | 0.060460457948422856 | 14.782897962999865 |  |
| frozenset({'L', 'A', 'V'}) | frozenset({'G'}) | 0.07535692513356176 | 0.08163402926713037 | 0.06681528348562805 | 0.8866508733896108 | 10.861290093720969 | 0.06066359405379392 | 8.10210010606906 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'A'}) | 0.06833028693162305 | 0.11199824614785502 | 0.06681528348562805 | 0.9778282294129538 | 8.73074590937852 | 0.059162411190506574 | 40.05100767058075 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'L'}) | 0.06991560506757935 | 0.09883125647471665 | 0.06681528348562805 | 0.9556562289784295 | 9.669574819408561 | 0.05990543638960912 | 20.322329895825064 |  |
| frozenset({'L', 'A'}) | frozenset({'G', 'V'}) | 0.08792589181279875 | 0.07226940151166972 | 0.06681528348562805 | 0.7599045299180262 | 10.514886162372887 | 0.06046093190693727 | 3.8640070892282257 |  |
| frozenset({'L', 'G'}) | frozenset({'A', 'V'}) | 0.07385474830706878 | 0.0821844280830441 | 0.06681528348562805 | 0.9046850069521262 | 11.007985673855124 | 0.06074557323479444 | 9.629288557530135 |  |
| frozenset({'L', 'V'}) | frozenset({'A', 'G'}) | 0.07871282627837838 | 0.07650018964310126 | 0.06681528348562805 | 0.8488487409831648 | 11.096034466624534 | 0.060793737347987625 | 6.109772530932338 |  |
| frozenset({'A', 'G'}) | frozenset({'L', 'V'}) | 0.07650018964310126 | 0.07871282627837838 | 0.06681528348562805 | 0.8734002333503158 | 11.096034466624534 | 0.060793737347987625 | 7.2771632847549155 |  |
| frozenset({'A', 'V'}) | frozenset({'L', 'G'}) | 0.0821844280830441 | 0.07385474830706878 | 0.06681528348562805 | 0.8129920113103891 | 11.007985673855124 | 0.06074557323479444 | 4.952436835359551 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'A'}) | 0.07226940151166972 | 0.08792589181279875 | 0.06681528348562805 | 0.924530743136693 | 10.514886162372886 | 0.06046093190693727 | 12.085372853732846 |  |
| frozenset({'G'}) | frozenset({'L', 'A', 'V'}) | 0.08163402926713037 | 0.07535692513356176 | 0.06681528348562805 | 0.8184734244464272 | 10.86129009372097 | 0.06066359405379392 | 5.093706373552749 |  |
| frozenset({'V'}) | frozenset({'L', 'A', 'G'}) | 0.08925077049272465 | 0.07120191234341462 | 0.06681528348562805 | 0.7486241644387212 | 10.5141019363079 | 0.060460457948422856 | 3.694858280959025 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'R'}) | 0.06833028693162305 | 0.07259001282954146 | 0.056636118817049434 | 0.8288582027135966 | 11.418350409442025 | 0.05167602241203667 | 5.418956688987265 |  |
| frozenset({'L', 'G', 'R'}) | frozenset({'V'}) | 0.05910124101608637 | 0.08925077049272465 | 0.056636118817049434 | 0.958289840337431 | 10.737048375571693 | 0.05136128751928751 | 21.835189241066104 |  |
| frozenset({'L', 'V', 'R'}) | frozenset({'G'}) | 0.060777838252297066 | 0.08163402926713037 | 0.056636118817049434 | 0.9318547754519535 | 11.41502855877238 | 0.0516745789903685 | 13.476600551596482 |  |
| frozenset({'G', 'V', 'R'}) | frozenset({'L'}) | 0.058048515744596706 | 0.09883125647471665 | 0.056636118817049434 | 0.9756686814567047 | 9.872065946124074 | 0.05089911106951857 | 37.03739860713831 |  |
| frozenset({'L', 'G'}) | frozenset({'V', 'R'}) | 0.07385474830706878 | 0.06329601848839843 | 0.056636118817049434 | 0.7668581928080132 | 12.115425442574578 | 0.051961407302749195 | 4.017743504665586 |  |
| frozenset({'L', 'V'}) | frozenset({'G', 'R'}) | 0.07871282627837838 | 0.061388517337788634 | 0.056636118817049434 | 0.7195284618131773 | 11.720896562039309 | 0.05180405511635286 | 3.3465480623456356 |  |
| frozenset({'L', 'R'}) | frozenset({'G', 'V'}) | 0.06621638838572445 | 0.07226940151166972 | 0.056636118817049434 | 0.8553187541297492 | 11.835143729419656 | 0.051850700058148846 | 6.412238109425138 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'R'}) | 0.07226940151166972 | 0.06621638838572445 | 0.056636118817049434 | 0.7836804737881232 | 11.835143729419654 | 0.051850700058148846 | 4.3166866531487775 |  |
| frozenset({'G', 'R'}) | frozenset({'L', 'V'}) | 0.061388517337788634 | 0.07871282627837838 | 0.056636118817049434 | 0.9225848949146425 | 11.720896562039309 | 0.05180405511635286 | 11.90061258336877 |  |
| frozenset({'V', 'R'}) | frozenset({'L', 'G'}) | 0.06329601848839843 | 0.07385474830706878 | 0.056636118817049434 | 0.8947816966944028 | 12.115425442574576 | 0.051961407302749195 | 8.802130642641371 |  |
| frozenset({'R'}) | frozenset({'L', 'G', 'V'}) | 0.07259001282954146 | 0.06833028693162305 | 0.056636118817049434 | 0.7802191597629891 | 11.418350409442025 | 0.05167602241203667 | 4.239085227191175 |  |
| frozenset({'L', 'T', 'G'}) | frozenset({'V'}) | 0.05378171145719651 | 0.08925077049272465 | 0.05216387250543829 | 0.969918418214604 | 10.867339439872598 | 0.047363813319466104 | 30.275975379374028 |  |
| frozenset({'L', 'T', 'V'}) | frozenset({'G'}) | 0.05479576028723932 | 0.08163402926713037 | 0.05216387250543829 | 0.9519691346920879 | 11.661425305578964 | 0.04769067380643513 | 19.12032949740731 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'T'}) | 0.06833028693162305 | 0.06177153485931651 | 0.05216387250543829 | 0.7634077778370488 | 12.358569033061837 | 0.047943005804294433 | 3.9655930214581843 |  |
| frozenset({'T', 'G', 'V'}) | frozenset({'L'}) | 0.05328152711171913 | 0.09883125647471665 | 0.05216387250543829 | 0.9790236003570736 | 9.906011875985111 | 0.04689799223409541 | 42.96107810994973 |  |
| frozenset({'L', 'T'}) | frozenset({'G', 'V'}) | 0.05790974029364771 | 0.07226940151166972 | 0.05216387250543829 | 0.9007789059478876 | 12.464181065653824 | 0.047978770232720146 | 9.350134740512658 |  |
| frozenset({'L', 'G'}) | frozenset({'T', 'V'}) | 0.07385474830706878 | 0.05661986575482062 | 0.05216387250543829 | 0.7063035715531046 | 12.474483330843466 | 0.04798222657093599 | 3.2120926333149344 |  |
| frozenset({'T', 'G'}) | frozenset({'L', 'V'}) | 0.055407322474014746 | 0.07871282627837838 | 0.05216387250543829 | 0.9414617089627894 | 11.960715343052032 | 0.047802605556991076 | 15.738197296125252 |  |
| frozenset({'T', 'V'}) | frozenset({'L', 'G'}) | 0.05661986575482062 | 0.07385474830706878 | 0.05216387250543829 | 0.9212998266601692 | 12.474483330843466 | 0.04798222657093599 | 11.768020480638526 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'T'}) | 0.07226940151166972 | 0.05790974029364771 | 0.05216387250543829 | 0.7217974884850141 | 12.464181065653824 | 0.047978770232720146 | 3.386347069895539 |  |
| frozenset({'T'}) | frozenset({'L', 'G', 'V'}) | 0.06177153485931651 | 0.06833028693162305 | 0.05216387250543829 | 0.8444645680933865 | 12.358569033061837 | 0.047943005804294433 | 5.990080212898177 |  |
| frozenset({'L', 'S', 'A', 'G'}) | frozenset({'V'}) | 0.053326454711890944 | 0.08925077049272465 | 0.05173761212516625 | 0.9702053587603225 | 10.870554432237755 | 0.046978184954484595 | 30.567551466081515 |  |
| frozenset({'S', 'A', 'G', 'V'}) | frozenset({'L'}) | 0.05269562369841285 | 0.09883125647471665 | 0.05173761212516625 | 0.9818199025647844 | 9.934305578882901 | 0.04652963742433325 | 49.56897215411397 |  |
| frozenset({'L', 'S', 'A', 'V'}) | frozenset({'G'}) | 0.054148008576117325 | 0.08163402926713037 | 0.05173761212516625 | 0.955485039721032 | 11.704494416101968 | 0.04731729200830666 | 20.630501857748964 |  |
| frozenset({'L', 'S', 'G', 'V'}) | frozenset({'A'}) | 0.0523692462541156 | 0.11199824614785502 | 0.05173761212516625 | 0.9879388348290441 | 8.821020585668922 | 0.04587234839262017 | 73.62487299241313 |  |
| frozenset({'L', 'A', 'G', 'V'}) | frozenset({'S'}) | 0.06681528348562805 | 0.06277536843056879 | 0.05173761212516625 | 0.7743379871507241 | 12.335060813018762 | 0.047543258087563045 | 4.153222865185653 |  |
| frozenset({'S', 'A', 'G'}) | frozenset({'L', 'V'}) | 0.054721485065396494 | 0.07871282627837838 | 0.05173761212516625 | 0.9454716381204881 | 12.0116591262611 | 0.047430329377518815 | 16.89555933767706 |  |
| frozenset({'L', 'S', 'A'}) | frozenset({'G', 'V'}) | 0.05686556117541642 | 0.07226940151166972 | 0.05173761212516625 | 0.90982329296933 | 12.589329286508843 | 0.04762797205239366 | 10.287918344288169 |  |
| frozenset({'S', 'A', 'V'}) | frozenset({'L', 'G'}) | 0.055611286224640136 | 0.07385474830706878 | 0.05173761212516625 | 0.9303437420269998 | 12.596938766331895 | 0.04763045457801309 | 13.295937488515653 |  |
| frozenset({'L', 'S', 'G'}) | frozenset({'A', 'V'}) | 0.054323820707546065 | 0.0821844280830441 | 0.05173761212516625 | 0.9523927340033251 | 11.588481616504893 | 0.04727303998903075 | 19.27889688059509 |  |
| frozenset({'S', 'G', 'V'}) | frozenset({'L', 'A'}) | 0.053477259314270977 | 0.08792589181279875 | 0.05173761212516625 | 0.9674694026692485 | 11.003236734056314 | 0.047035576408254676 | 28.037422704347613 |  |
| frozenset({'L', 'S', 'V'}) | frozenset({'A', 'G'}) | 0.055092020191024126 | 0.07650018964310126 | 0.05173761212516625 | 0.9391126327510423 | 12.275951695444338 | 0.04752306213273134 | 15.167346726963425 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'S', 'V'}) | 0.07120191234341462 | 0.05691833593970852 | 0.05173761212516625 | 0.726632339249964 | 12.766225984182999 | 0.0476849177588541 | 3.44986550886366 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'L', 'S'}) | 0.06991560506757935 | 0.05862255562111727 | 0.05173761212516625 | 0.7400009207552086 | 12.623143309170956 | 0.04763898067830801 | 3.620695300588229 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'S', 'A'}) | 0.06833028693162305 | 0.059631520790698875 | 0.05173761212516625 | 0.7571695429427832 | 12.697471620762084 | 0.04766297319936875 | 3.872531026813194 |  |
| frozenset({'S', 'A'}) | frozenset({'L', 'G', 'V'}) | 0.059631520790698875 | 0.06833028693162305 | 0.05173761212516625 | 0.8676218791528139 | 12.697471620762084 | 0.04766297319936875 | 7.037943333127324 |  |
| frozenset({'S', 'G'}) | frozenset({'L', 'A', 'V'}) | 0.05603639065790664 | 0.07535692513356176 | 0.05173761212516625 | 0.923285948965133 | 12.252171214904422 | 0.047514882029603356 | 12.05311233591592 |  |
| frozenset({'L', 'S'}) | frozenset({'A', 'G', 'V'}) | 0.05862255562111727 | 0.06991560506757935 | 0.05173761212516625 | 0.8825547023154532 | 12.623143309170954 | 0.04763898067830801 | 7.919298714117859 |  |
| frozenset({'S', 'V'}) | frozenset({'L', 'A', 'G'}) | 0.05691833593970852 | 0.07120191234341462 | 0.05173761212516625 | 0.90897970348202 | 12.766225984182999 | 0.0476849177588541 | 10.204296439235524 |  |
| frozenset({'L', 'G'}) | frozenset({'S', 'A', 'V'}) | 0.07385474830706878 | 0.055611286224640136 | 0.05173761212516625 | 0.7005319672887483 | 12.596938766331897 | 0.04763045457801309 | 3.153554338422303 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'S', 'A'}) | 0.07226940151166972 | 0.05686556117541642 | 0.05173761212516625 | 0.71589927469943 | 12.58932928650884 | 0.04762797205239366 | 3.319718518236009 |  |
| frozenset({'S'}) | frozenset({'L', 'A', 'G', 'V'}) | 0.06277536843056879 | 0.06681528348562805 | 0.05173761212516625 | 0.8241705850343103 | 12.335060813018762 | 0.047543258087563045 | 5.30732992938905 |  |
| frozenset({'L', 'A', 'G', 'R'}) | frozenset({'V'}) | 0.05796396217689568 | 0.08925077049272465 | 0.05593911812000712 | 0.9650671903568445 | 10.812984414913402 | 0.05076578983490803 | 26.07145657079209 |  |
| frozenset({'A', 'G', 'V', 'R'}) | frozenset({'L'}) | 0.057066522101518524 | 0.09883125647471665 | 0.05593911812000712 | 0.9802440390618897 | 9.918360587803102 | 0.05029916203807185 | 45.61502962819095 |  |
| frozenset({'L', 'A', 'V', 'R'}) | frozenset({'G'}) | 0.05960958371741851 | 0.08163402926713037 | 0.05593911812000712 | 0.9384249080682836 | 11.495511326501886 | 0.051072947618217915 | 14.914569218204175 |  |
| frozenset({'L', 'A', 'G', 'V'}) | frozenset({'R'}) | 0.06681528348562805 | 0.07259001282954146 | 0.05593911812000712 | 0.8372203963190489 | 11.533547986622356 | 0.05108899583457593 | 5.697335330710025 |  |
| frozenset({'L', 'G', 'V', 'R'}) | frozenset({'A'}) | 0.056636118817049434 | 0.11199824614785502 | 0.05593911812000712 | 0.9876933534359262 | 8.818828753193316 | 0.04959597214387605 | 72.1562733786837 |  |
| frozenset({'A', 'G', 'R'}) | frozenset({'L', 'V'}) | 0.059699335291423405 | 0.07871282627837838 | 0.05593911812000712 | 0.9370140864540498 | 11.904210924153261 | 0.051240014712278646 | 14.626876421336876 |  |
| frozenset({'L', 'A', 'R'}) | frozenset({'G', 'V'}) | 0.06370779429804686 | 0.07226940151166972 | 0.05593911812000712 | 0.8780576809535232 | 12.149784868658953 | 0.05133499395445871 | 7.60794616456931 |  |
| frozenset({'A', 'V', 'R'}) | frozenset({'L', 'G'}) | 0.06150753201892621 | 0.07385474830706878 | 0.05593911812000712 | 0.9094677722200647 | 12.314276239067729 | 0.05139649482376035 | 10.230006202257547 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'V', 'R'}) | 0.07120191234341462 | 0.06329601848839843 | 0.05593911812000712 | 0.7856406700174937 | 12.412165706149343 | 0.051432320559909026 | 4.369784051797724 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'L', 'R'}) | 0.06991560506757935 | 0.06621638838572445 | 0.05593911812000712 | 0.8000948867700883 | 12.083034219706557 | 0.051309559260629356 | 4.6711342022568845 |  |
| frozenset({'L', 'A', 'V'}) | frozenset({'G', 'R'}) | 0.07535692513356176 | 0.061388517337788634 | 0.05593911812000712 | 0.7423221956158808 | 12.092199450448904 | 0.05131306821492302 | 3.6425779275231136 |  |
| frozenset({'L', 'G', 'R'}) | frozenset({'A', 'V'}) | 0.05910124101608637 | 0.0821844280830441 | 0.05593911812000712 | 0.9464965059664555 | 11.51673775730432 | 0.05108191642810191 | 17.15431091923685 |  |
| frozenset({'G', 'V', 'R'}) | frozenset({'L', 'A'}) | 0.058048515744596706 | 0.08792589181279875 | 0.05593911812000712 | 0.9636614718303812 | 10.959928321023954 | 0.050835150604754166 | 25.099368470012777 |  |
| frozenset({'L', 'V', 'R'}) | frozenset({'A', 'G'}) | 0.060777838252297066 | 0.07650018964310126 | 0.05593911812000712 | 0.920386768081422 | 12.031169757556565 | 0.05128960196760866 | 11.599828170540537 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'A', 'R'}) | 0.06833028693162305 | 0.06736681154188541 | 0.05593911812000712 | 0.8186577377610669 | 12.152241126211907 | 0.05133592455768151 | 5.142944490398464 |  |
| frozenset({'A', 'R'}) | frozenset({'L', 'G', 'V'}) | 0.06736681154188541 | 0.06833028693162305 | 0.05593911812000712 | 0.8303661230163297 | 12.152241126211909 | 0.05133592455768151 | 5.49223851765213 |  |
| frozenset({'A', 'G'}) | frozenset({'L', 'V', 'R'}) | 0.07650018964310126 | 0.060777838252297066 | 0.05593911812000712 | 0.7312284895107011 | 12.031169757556565 | 0.05128960196760866 | 3.494500440310238 |  |
| frozenset({'G', 'R'}) | frozenset({'L', 'A', 'V'}) | 0.061388517337788634 | 0.07535692513356176 | 0.05593911812000712 | 0.9112309686875748 | 12.092199450448904 | 0.05131306821492302 | 10.416279880447608 |  |
| frozenset({'L', 'R'}) | frozenset({'A', 'G', 'V'}) | 0.06621638838572445 | 0.06991560506757935 | 0.05593911812000712 | 0.8447926485230505 | 12.083034219706557 | 0.051309559260629356 | 5.99252797036841 |  |
| frozenset({'V', 'R'}) | frozenset({'L', 'A', 'G'}) | 0.06329601848839843 | 0.07120191234341462 | 0.05593911812000712 | 0.8837699346011825 | 12.412165706149342 | 0.051432320559909026 | 7.991031274650169 |  |
| frozenset({'L', 'G'}) | frozenset({'A', 'V', 'R'}) | 0.07385474830706878 | 0.06150753201892621 | 0.05593911812000712 | 0.7574207400643606 | 12.314276239067729 | 0.05139649482376035 | 3.8688075321446376 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'A', 'R'}) | 0.07226940151166972 | 0.06370779429804686 | 0.05593911812000712 | 0.7740359951780469 | 12.149784868658953 | 0.05133499395445871 | 4.143545811376899 |  |
| frozenset({'L', 'V'}) | frozenset({'A', 'G', 'R'}) | 0.07871282627837838 | 0.059699335291423405 | 0.05593911812000712 | 0.7106734793408509 | 11.904210924153263 | 0.051240014712278646 | 3.2499636140038803 |  |
| frozenset({'R'}) | frozenset({'L', 'A', 'G', 'V'}) | 0.07259001282954146 | 0.06681528348562805 | 0.05593911812000712 | 0.7706172783212674 | 11.533547986622356 | 0.05108899583457593 | 4.068243282165628 |  |
| frozenset({'L', 'A', 'G', 'T'}) | frozenset({'V'}) | 0.05313070602858063 | 0.08925077049272465 | 0.05165368913756577 | 0.9722003150076656 | 10.892906690221967 | 0.0469117326876925 | 32.761134874672436 |  |
| frozenset({'A', 'G', 'V', 'T'}) | frozenset({'L'}) | 0.052629182371390575 | 0.09883125647471665 | 0.05165368913756577 | 0.9814647845573392 | 9.930712403807402 | 0.046452280916564226 | 48.61927536332524 |  |
| frozenset({'L', 'A', 'V', 'T'}) | frozenset({'G'}) | 0.05400849596751751 | 0.08163402926713037 | 0.05165368913756577 | 0.9563993259251655 | 11.715694233290234 | 0.04724475799707975 | 21.063114050865877 |  |
| frozenset({'L', 'A', 'G', 'V'}) | frozenset({'T'}) | 0.06681528348562805 | 0.06177153485931651 | 0.05165368913756577 | 0.7730819423773972 | 12.515181048003367 | 0.04752640652459818 | 4.134657571858348 |  |
| frozenset({'L', 'T', 'G', 'V'}) | frozenset({'A'}) | 0.05216387250543829 | 0.11199824614785502 | 0.05165368913756577 | 0.990219603273907 | 8.84138490853387 | 0.045811426904676364 | 90.7940422787817 |  |
| frozenset({'A', 'G', 'T'}) | frozenset({'L', 'V'}) | 0.05447904088059728 | 0.07871282627837838 | 0.05165368913756577 | 0.9481387392772959 | 12.045543072282491 | 0.04736548985691864 | 17.76445772592441 |  |
| frozenset({'L', 'A', 'T'}) | frozenset({'G', 'V'}) | 0.05658952510527626 | 0.07226940151166972 | 0.05165368913756577 | 0.9127782755107395 | 12.630217718951892 | 0.04756399802637784 | 10.636462463002104 |  |
| frozenset({'A', 'V', 'T'}) | frozenset({'L', 'G'}) | 0.055522926996962985 | 0.07385474830706878 | 0.05165368913756577 | 0.9303127902531353 | 12.596519676502549 | 0.04755305733893331 | 13.290032059786972 |  |
| frozenset({'L', 'A', 'G'}) | frozenset({'T', 'V'}) | 0.07120191234341462 | 0.05661986575482062 | 0.05165368913756577 | 0.7254536772612843 | 12.81270571008938 | 0.04762224641919512 | 3.4361419407645437 |  |
| frozenset({'A', 'G', 'V'}) | frozenset({'L', 'T'}) | 0.06991560506757935 | 0.05790974029364771 | 0.05165368913756577 | 0.7388005737437029 | 12.757794630012251 | 0.04760489460562901 | 3.6067853333718416 |  |
| frozenset({'L', 'T', 'G'}) | frozenset({'A', 'V'}) | 0.05378171145719651 | 0.0821844280830441 | 0.05165368913756577 | 0.9604322312925206 | 11.686304251238957 | 0.04723366994012877 | 23.196040663861453 |  |
| frozenset({'T', 'G', 'V'}) | frozenset({'L', 'A'}) | 0.05328152711171913 | 0.08792589181279875 | 0.05165368913756577 | 0.9694483611413734 | 11.025743852623144 | 0.046968863349120045 | 29.853524794780963 |  |
| frozenset({'L', 'T', 'V'}) | frozenset({'A', 'G'}) | 0.05479576028723932 | 0.07650018964310126 | 0.05165368913756577 | 0.9426584988838038 | 12.322302771818189 | 0.04746180308395404 | 16.105260454998014 |  |
| frozenset({'L', 'G', 'V'}) | frozenset({'A', 'T'}) | 0.06833028693162305 | 0.05935304107784813 | 0.05165368913756577 | 0.7559413469060174 | 12.736354080231813 | 0.04759807881045199 | 3.854184012725522 |  |
| frozenset({'A', 'T'}) | frozenset({'L', 'G', 'V'}) | 0.05935304107784813 | 0.06833028693162305 | 0.05165368913756577 | 0.8702787287649877 | 12.736354080231813 | 0.04759807881045199 | 7.182088983544554 |  |
| frozenset({'T', 'G'}) | frozenset({'L', 'A', 'V'}) | 0.055407322474014746 | 0.07535692513356176 | 0.05165368913756577 | 0.9322538399467077 | 12.371176747119014 | 0.047478363686040324 | 13.648641843893015 |  |
| frozenset({'L', 'T'}) | frozenset({'A', 'G', 'V'}) | 0.05790974029364771 | 0.06991560506757935 | 0.05165368913756577 | 0.8919689308852212 | 12.757794630012253 | 0.04760489460562901 | 8.609415814854543 |  |
| frozenset({'T', 'V'}) | frozenset({'L', 'A', 'G'}) | 0.05661986575482062 | 0.07120191234341462 | 0.05165368913756577 | 0.912289148851752 | 12.81270571008938 | 0.04762224641919512 | 10.58931791787929 |  |
| frozenset({'G', 'V'}) | frozenset({'L', 'A', 'T'}) | 0.07226940151166972 | 0.05658952510527626 | 0.05165368913756577 | 0.7147380226917331 | 12.630217718951892 | 0.04756399802637784 | 3.3071721783489996 |  |
| frozenset({'T'}) | frozenset({'L', 'A', 'G', 'V'}) | 0.06177153485931651 | 0.06681528348562805 | 0.05165368913756577 | 0.8362053695963044 | 12.515181048003365 | 0.04752640652459818 | 5.697285156506066 |  |