

Genetiske data for rodmålinger af 200 vårbyglinjer, leveret til forædlerne

"id" "y" "GEBV" "set1" "set2" "set3" "trait" "sampleID"

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"NS_002_1" 0.843383344972652 0.321494697265021 0.254790478277837 0.136147188803169 -0.0694429698159852 "02_Total.length.RP" "NS_002"

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"SJ_012_3" 0.20325247811982 0.0804053044899176 -0.0192284860280736 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_012"

"SJ_013_1" -0.949646694756674 0.270958201470636 0.180189463739921 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_013"

"SJ_013_2" 1.16702207669889 0.270958201470636 0.180189463739921 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_013"

"SJ_013_3" 0.761197484076874 0.270958201470636 0.180189463739921 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_013"

"SJ_014_1" 1.58177991507044 0.038859348307591 0.239890723806062 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_014"

"SJ_014_2" 2.39904428335703 0.038859348307591 0.239890723806062 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_014"

"SJ_014_3" 0.914338839783293 0.038859348307591 0.239890723806062 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_014"

"SJ_015_1" -0.357500119358519 0.0350303970945491 0.23606177259302 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_015"

"SJ_015_2" 1.21730348848916 0.0350303970945491 0.23606177259302 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_015"

"SJ_015_3" 0.435516867607889 0.0350303970945491 0.23606177259302 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_015"

"SJ_015_4" -0.423350902312279 0.0350303970945491 0.23606177259302 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_015"

"SJ_016_1" 1.96080477044383 0.307690332026245 0.216921594295531 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_016"

"SJ_016_2" 0.540929167452474 0.307690332026245 0.216921594295531 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_016"

"SJ_016_3" 0.35077865078367 0.307690332026245 0.216921594295531 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_016"

"SJ_016_4" -0.277611378798337 0.307690332026245 0.216921594295531 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_016"

"SJ_017_1" -1.20181946048658 0.331687951847183 0.240919214116469 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_017"

"SJ_017_2" 1.71628907249924 0.331687951847183 0.240919214116469 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_017"

"SJ_017_3" 0.87171449577834 0.331687951847183 0.240919214116469 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_017"

"SJ_018_1" 1.62185190314695 0.281983264640751 0.191214526910036 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_018"

"SJ_018_2" 0.144803527358536 0.281983264640751 0.191214526910036 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_018"

"SJ_018_3" 0.0945221155682619 0.281983264640751 0.191214526910036 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_018"

"SJ_019_1" -0.378174202378886 -0.084064552747741 -0.0205966044711259 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_019"

"SJ_019_2" 0.0792079799976199 -0.084064552747741 -0.0205966044711259 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_019"

"SJ_019_3" -0.581341734282735 -0.084064552747741 -0.0205966044711259 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_019"

"SJ_020_1" -0.50375011405815 0.14439747710567 0.0447636865876787 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_020"

"SJ_020_2" -0.558115295333928 0.14439747710567 0.0447636865876787 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_020"

"SJ_020_3" 0.17160326460716 0.14439747710567 0.0447636865876787 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_020"

"SJ_021_1" -1.21228411979318 -0.175376341389901 0.0256550341085709 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_021"

"SJ_021_2" 0.0294370393930337 -0.175376341389901 0.0256550341085709 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_021"

"SJ_021_3" 0.463337547227888 -0.175376341389901 0.0256550341085709 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_021"

"SJ_022_1" -0.992015803168783 0.162100604001552 0.0713318662708379 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_022"

"SJ_022_2" 1.56136106764291 0.162100604001552 0.0713318662708379 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_022"

"SJ_022_3" 0.621838850384032 0.162100604001552 0.0713318662708379 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_022"

"SJ_023_1" -0.405739646406041 0.341779211915299 -0.049654691831879 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_023"

"SJ_023_2" 1.23695662913815 0.341779211915299 -0.049654691831879 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_023"

"SJ_023_3" 0.636642514768986 0.341779211915299 -0.049654691831879 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_023"

"SJ_024_1" -2.10918199304711 0.168776185527998 0.0780074477972837 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_024"

"SJ_024_2" 1.26401160197962 0.168776185527998 0.0780074477972837 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_024"

"SJ_024_3" 0.55777471658018 0.168776185527998 0.0780074477972837 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_024"

"SJ_025_1" 0.352565299933578 -0.123107459299899 0.0779239161985731 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_025"

"SJ_025_2" 0.222395147583122 -0.123107459299899 0.0779239161985731 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_025"

"SJ_025_3" -0.0292671469610937 -0.123107459299899 0.0779239161985731 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_025"

"SJ_025_4" -1.61121735140841 -0.123107459299899 0.0779239161985731 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_025"

"SJ_026_1" 1.02893962097026 0.141999990487831 0.0512312527571164 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_026"

"SJ_026_2" 1.90261105527539 0.141999990487831 0.0512312527571164 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_026"

"SJ_026_3" 1.42276814072861 0.141999990487831 0.0512312527571164 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_026"

"SJ_026_4" -0.0272252622183415 0.141999990487831 0.0512312527571164 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_026"

"SJ_027_1" -1.97135477291133 0.266715900974885 -0.0136073508630462 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_027"

"SJ_027_2" 1.17442390889136 0.266715900974885 -0.0136073508630462 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_027"

"SJ_027_3" 0.729037799378526 0.266715900974885 -0.0136073508630462 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_027"

"SJ_027_4" -0.0333509164465983 0.266715900974885 -0.0136073508630462 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_027"

"SJ_028_1" -0.774555078065668 0.122961948358177 0.0233281578401859 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_028"

"SJ_028_2" 1.30484929683466 0.122961948358177 0.0233281578401859 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_028"

"SJ_028_3" 0.727251150228618 0.122961948358177 0.0233281578401859 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_028"

"SJ_029_1" 0.376046974475229 0.0776492759611422 -0.0131194617695721 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_029"

"SJ_029_2" -0.521106134371544 0.0776492759611422 -0.0131194617695721 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_029"

"SJ_029_3" 0.648638587632656 0.0776492759611422 -0.0131194617695721 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_029"

"SJ_030_1" -2.4698298873573 0.0456162879680771 -0.0451524497626377 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_030"

"SJ_030_2" 1.29795793582787 0.0456162879680771 -0.0451524497626377 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_030"

"SJ_030_3" 0.368389906689908 0.0456162879680771 -0.0451524497626377 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_030"

"SJ_031_1" -0.929483082921995 -0.128599472341108 0.0724319031573635 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_031"

"SJ_031_2" 0.0564920122345011 -0.128599472341108 0.0724319031573635 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_031"

"SJ_031_3" 1.13511762759338 -0.128599472341108 0.0724319031573635 -0.131588405682486 -0.0694429698159852 "02_Total.length.RP" "SJ_031"

"SJ_032_1" 1.11240165983026 0.419663455166728 0.0282295514195501 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_032"

"SJ_032_2" 0.401825769352477 0.419663455166728 0.0282295514195501 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_032"

"SJ_032_3" -0.138763216291184 0.419663455166728 0.0282295514195501 0.1602117075467 0.231222196200478 "02_Total.length.RP" "SJ_032"

"SJ_033_1" -1.15638752496034 -0.162912145320802 -0.205551845564454 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_033"

"SJ_033_2" 0.465634667563485 -0.162912145320802 -0.205551845564454 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_033"

"SJ_033_3" -0.121662431570633 -0.162912145320802 -0.205551845564454 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_033"

"SJ_034_1" 0.0781870376262438 0.324167763247688 -0.0191371030124268 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_034"

"SJ_034_2" 2.9327419079939 0.324167763247688 -0.0191371030124268 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_034"

"SJ_034_3" 0.142251171430096 0.324167763247688 -0.0191371030124268 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_034"

"SJ_035_1" 1.04986893958347 -0.114266841250846 -0.156906541494498 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_035"

"SJ_035_2" -1.18216631983759 -0.114266841250846 -0.156906541494498 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_035"

"SJ_035_3" 0.0148886106009238 -0.114266841250846 -0.156906541494498 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_035"

"SJ_036_1" 1.04068045824109 -0.0704418169425686 -0.113081517186221 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_036"

"SJ_036_2" -0.328658497367143 -0.0704418169425686 -0.113081517186221 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_036"

"SJ_036_3" -0.269188604234484 -0.0704418169425686 -0.113081517186221 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_036"

"SJ_037_1" 0.567984140293942 0.273856241567979 -0.0694486246921361 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_037"

"SJ_037_2" 1.09096187003136 0.273856241567979 -0.0694486246921361 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_037"

"SJ_037_3" -0.771747486544383 0.273856241567979 -0.0694486246921361 0.112082670059638 0.231222196200478 "02_Total.length.RP" "SJ_037"

"SJ_038_1" -0.420543310790995 -0.0454694032986253 -0.0881091035422777 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_038"

"SJ_038_2" 1.42378908309998 -0.0454694032986253 -0.0881091035422777 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_038"

"SJ_038_3" -0.549437285177231 -0.0454694032986253 -0.0881091035422777 0.112082670059638 -0.0694429698159852 "02_Total.length.RP" "SJ_038"

"SJ_039_1" -1.3248430162374 0.042768881332114 0.000531403458856437 0.111680447689243 -0.0694429698159852 "02_Total.length.RP" "SJ_039"

"SJ_039_2" 0.191766876441838 0.042768881332114 0.000531403458856437 0.111680447689243 -0.0694429698159852 "02_Total.length.RP" "SJ_039"

"SJ_039_3" 0.407440952395045 0.042768881332114 0.000531403458856437 0.111680447689243 -0.0694429698159852 "02_Total.length.RP" "SJ_039"

"SJ_040_1" -1.5474084531974 0.0853943537258716 -0.00537438400484298 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_040"

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"SJ_040_3" -0.272251431348612 0.0853943537258716 -0.00537438400484298 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_040"

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"SJ_041_2" -0.391446453206775 -0.0175787645950385 -0.108347502325753 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_041"

"SJ_041_3" 0.308920013557249 -0.0175787645950385 -0.108347502325753 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_041"

"SJ_042_1" -0.593593042739249 0.0483399987789822 -0.0424287389517322 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_042"

"SJ_042_2" 0.637152985954674 0.0483399987789822 -0.0424287389517322 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_042"

"SJ_042_3" 0.91663596011889 0.0483399987789822 -0.0424287389517322 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_042"

"SJ_043_1" -0.928462140550619 -0.00990762696248389 -0.100676364693199 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_043"

"SJ_043_2" 0.210143839126608 -0.00990762696248389 -0.100676364693199 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_043"

"SJ_043_3" 0.209888603533764 -0.00990762696248389 -0.100676364693199 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_043"

"SJ_044_1" 0.204783891676884 0.074811703202063 -0.0159570345286514 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_044"

"SJ_044_2" 1.03276815486292 0.074811703202063 -0.0159570345286514 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_044"

"SJ_044_3" 0.362519488054496 0.074811703202063 -0.0159570345286514 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_044"

"SJ_045_1" -1.10176710809172 0.181365106206203 0.090596368475488 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_045"

"SJ_045_2" 0.521276026803484 0.181365106206203 0.090596368475488 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_045"

"SJ_045_3" 0.244345408567709 0.181365106206203 0.090596368475488 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_045"

"SJ_046_1" 0.564921313179813 0.182261148997823 -0.0980621028401076 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_046"

"SJ_046_2" 1.26937154942934 0.182261148997823 -0.0980621028401076 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_046"

"SJ_046_3" -0.459083885310444 0.182261148997823 -0.0980621028401076 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_046"

"SJ_047_1" -0.652807700279064 0.249734294154446 -0.0305889576834833 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_047"

"SJ_047_3" 0.5526700047233 0.249734294154446 -0.0305889576834833 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_047"

"SJ_048_1" -1.5236715430629 0.221346805058448 -0.058976446779482 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_048"

"SJ_048_2" 1.19867129021155 0.221346805058448 -0.058976446779482 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_048"

"SJ_048_3" 0.170327086642939 0.221346805058448 -0.058976446779482 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_048"

"SJ_048_4" -0.57215325294035 0.221346805058448 -0.058976446779482 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_048"

"SJ_049_1" 0.339037813512845 0.206405538301944 -0.0739177135359866 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_049"

"SJ_049_2" 0.977892502401457 0.206405538301944 -0.0739177135359866 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_049"

"SJ_049_3" 0.24511115346241 0.206405538301944 -0.0739177135359866 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_049"

"SJ_050_1" 1.11163595305173 0.0499563031526803 -0.0408124345780341 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_050"

"SJ_050_2" 0.0600653105343175 0.0499563031526803 -0.0408124345780341 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_050"

"SJ_050_3" 0.152205359551013 0.0499563031526803 -0.0408124345780341 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_050"

"SJ_051_1" 0.242303523824957 0.248200170677326 -0.0321230811606037 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_051"

"SJ_051_2" 2.72242777949042 0.248200170677326 -0.0321230811606037 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_051"

"SJ_051_3" 0.035052224356024 0.248200170677326 -0.0321230811606037 0.0491010556374517 0.231222196200478 "02_Total.length.RP" "SJ_051"

"SJ_052_1" -0.516256658107507 -0.0915398266354085 -0.0280718783587934 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_052"

"SJ_052_2" 1.08560192258164 -0.0915398266354085 -0.0280718783587934 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_052"

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"SJ_052_4" 1.01592260573522 -0.0915398266354085 -0.0280718783587934 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_052"

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"SJ_053_2" 0.654509006268069 0.113032600954865 0.0222638632241506 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_053"

"SJ_053_3" -0.0147187181689839 0.113032600954865 0.0222638632241506 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_053"

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"SJ_054_3" -0.850104813547501 -0.155865875603585 -0.0923979273269702 0.00597502153937006 -0.0694429698159852 "02_Total.length.RP" "SJ_054"

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"SJ_057_3" -0.397316871842188 0.161768708571302 0.062134918053311 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_057"

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"SJ_058_3" 0.409227601544954 0.0276696548716093 -0.0719641356463826 -0.131588405682486 0.231222196200478 "02_Total.length.RP" "SJ_058"

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"SJ_063_2" -1.28579197053226 0.221506121365929 0.130737383635215 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_063"

"SJ_063_3" 0.456701421813944 0.221506121365929 0.130737383635215 0.1602117075467 -0.0694429698159852 "02_Total.length.RP" "SJ_063"

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"SJ_001_1" -0.174271364745552 0.254458267922907 0.0744291576562187 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_001"

"SJ_001_2" 0.863288704989539 0.254458267922907 0.0744291576562187 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_001"

"SJ_001_3" 1.38206873985709 0.254458267922907 0.0744291576562187 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_001"

"SJ_002_1" 1.38206873985709 0.222033962219897 0.0140361944292426 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_002"

"SJ_002_2" 0.344508670121994 0.222033962219897 0.0140361944292426 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_002"

"SJ_002_3" 0.344508670121994 0.222033962219897 0.0140361944292426 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_002"

"SJ_003_1" -0.693051399613097 0.222451781064947 0.0144540132742931 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_003"

"SJ_003_2" -0.174271364745552 0.222451781064947 0.0144540132742931 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_003"

"SJ_003_3" 1.38206873985709 0.222451781064947 0.0144540132742931 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_003"

"SJ_004_1" -1.73061146934819 -0.192346250263409 -0.00568119042727079 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_004"

"SJ_004_2" -1.73061146934819 -0.192346250263409 -0.00568119042727079 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_004"

"SJ_004_3" -0.693051399613097 -0.192346250263409 -0.00568119042727079 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_004"

"SJ_005_1" -2.24939150421573 0.161861959596813 -0.0461358081938409 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_005"

"SJ_005_2" 1.38206873985709 0.161861959596813 -0.0461358081938409 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_005"

"SJ_005_3" 0.863288704989539 0.161861959596813 -0.0461358081938409 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_005"

"SJ_006_1" -2.24939150421573 0.0603345222401404 -0.00310190001565124 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_006"

"SJ_006_2" 0.344508670121994 0.0603345222401404 -0.00310190001565124 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_006"

"SJ_006_3" -0.174271364745552 0.0603345222401404 -0.00310190001565124 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_006"

"SJ_006_4" 1.38206873985709 0.0603345222401404 -0.00310190001565124 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_006"

"SJ_007_1" -0.693051399613097 0.261659704302525 0.0816305940358374 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_007"

"SJ_007_2" 0.344508670121994 0.261659704302525 0.0816305940358374 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_007"

"SJ_007_3" 0.863288704989539 0.261659704302525 0.0816305940358374 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_007"

"SJ_008_1" -1.21183143448064 0.254002481964765 0.0739733716980779 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_008"

"SJ_008_2" 1.38206873985709 0.254002481964765 0.0739733716980779 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_008"

"SJ_008_3" 0.863288704989539 0.254002481964765 0.0739733716980779 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_008"

"SJ_009_1" -0.174271364745552 -0.0745483807088461 0.112116679127292 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_009"

"SJ_009_2" 0.863288704989539 -0.0745483807088461 0.112116679127292 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_009"

"SJ_009_3" 0.863288704989539 -0.0745483807088461 0.112116679127292 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_009"

"SJ_009_4" 0.344508670121994 -0.0745483807088461 0.112116679127292 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_009"

"SJ_010_1" 0.863288704989539 0.215536192729941 0.15209977047415 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_010"

"SJ_010_2" 0.863288704989539 0.215536192729941 0.15209977047415 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_010"

"SJ_010_3" 1.38206873985709 0.215536192729941 0.15209977047415 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_010"

"SJ_011_1" -1.73061146934819 0.0964193515051722 0.166491723330414 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_011"

"SJ_011_2" 0.344508670121994 0.0964193515051722 0.166491723330414 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_011"

"SJ_011_3" 0.863288704989539 0.0964193515051722 0.166491723330414 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_011"

"SJ_011_4" 0.344508670121994 0.0964193515051722 0.166491723330414 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_011"

"SJ_012_1" -1.21183143448064 -0.0400351101436118 0.03003726168163 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_012"

"SJ_012_2" -1.73061146934819 -0.0400351101436118 0.03003726168163 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_012"

"SJ_012_3" 0.344508670121994 -0.0400351101436118 0.03003726168163 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_012"

"SJ_013_1" -0.693051399613097 0.487560280502843 0.0294610306202599 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_013"

"SJ_013_2" 1.38206873985709 0.487560280502843 0.0294610306202599 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_013"

"SJ_013_3" 0.344508670121994 0.487560280502843 0.0294610306202599 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_013"

"SJ_014_1" 1.38206873985709 0.250641245017986 0.0426434772273321 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_014"

"SJ_014_2" 1.38206873985709 0.250641245017986 0.0426434772273321 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_014"

"SJ_014_3" 0.863288704989539 0.250641245017986 0.0426434772273321 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_014"

"SJ_015_1" -0.693051399613097 0.00283035034591546 0.0635161761026982 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_015"

"SJ_015_2" 0.863288704989539 0.00283035034591546 0.0635161761026982 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_015"

"SJ_015_3" 1.38206873985709 0.00283035034591546 0.0635161761026982 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_015"

"SJ_015_4" 1.38206873985709 0.00283035034591546 0.0635161761026982 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_015"

"SJ_016_1" 0.344508670121994 0.206861089074886 0.0174454327397393 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_016"

"SJ_016_2" 0.344508670121994 0.206861089074886 0.0174454327397393 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_016"

"SJ_016_3" -0.174271364745552 0.206861089074886 0.0174454327397393 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_016"

"SJ_016_4" 0.863288704989539 0.206861089074886 0.0174454327397393 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_016"

"SJ_017_1" -0.693051399613097 0.486482099114099 0.0283828492315153 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_017"

"SJ_017_2" 1.38206873985709 0.486482099114099 0.0283828492315153 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_017"

"SJ_017_3" 0.344508670121994 0.486482099114099 0.0283828492315153 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_017"

"SJ_018_1" -0.693051399613097 0.429994631928317 -0.0281046179542662 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_018"

"SJ_018_2" -0.174271364745552 0.429994631928317 -0.0281046179542662 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_018"

"SJ_018_3" -1.21183143448064 0.429994631928317 -0.0281046179542662 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_018"

"SJ_019_1" -1.73061146934819 -0.509498669026757 -0.0541500156431813 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_019"

"SJ_019_2" 0.344508670121994 -0.509498669026757 -0.0541500156431813 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_019"

"SJ_019_3" -1.73061146934819 -0.509498669026757 -0.0541500156431813 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_019"

"SJ_020_1" -0.693051399613097 -0.409311101928079 0.0460375514554958 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_020"

"SJ_020_2" -0.693051399613097 -0.409311101928079 0.0460375514554958 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_020"

"SJ_020_3" 0.863288704989539 -0.409311101928079 0.0460375514554958 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_020"

"SJ_021_1" -0.174271364745552 -0.0685048742893563 -0.00781904853257347 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_021"

"SJ_021_2" -0.693051399613097 -0.0685048742893563 -0.00781904853257347 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_021"

"SJ_021_3" 1.38206873985709 -0.0685048742893563 -0.00781904853257347 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_021"

"SJ_022_1" -1.21183143448064 0.504198437567053 0.0460991876844695 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_022"

"SJ_022_2" 1.38206873985709 0.504198437567053 0.0460991876844695 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_022"

"SJ_022_3" 1.38206873985709 0.504198437567053 0.0460991876844695 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_022"

"SJ_023_1" -1.21183143448064 0.133730469238291 -0.0556851870968561 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_023"

"SJ_023_2" 0.344508670121994 0.133730469238291 -0.0556851870968561 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_023"

"SJ_023_3" 0.344508670121994 0.133730469238291 -0.0556851870968561 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_023"

"SJ_024_1" -1.21183143448064 0.575982694624304 0.117883444741721 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_024"

"SJ_024_2" 1.90084877472463 0.575982694624304 0.117883444741721 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_024"

"SJ_024_3" 1.90084877472463 0.575982694624304 0.117883444741721 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_024"

"SJ_025_1" -0.693051399613097 -0.0233966499204107 0.0372891758363719 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_025"

"SJ_025_2" 0.863288704989539 -0.0233966499204107 0.0372891758363719 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_025"

"SJ_025_3" 0.344508670121994 -0.0233966499204107 0.0372891758363719 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_025"

"SJ_025_4" -0.174271364745552 -0.0233966499204107 0.0372891758363719 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_025"

"SJ_026_1" 0.863288704989539 0.486248556493532 0.0281493066109485 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_026"

"SJ_026_2" 0.863288704989539 0.486248556493532 0.0281493066109485 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_026"

"SJ_026_3" 1.38206873985709 0.486248556493532 0.0281493066109485 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_026"

"SJ_026_4" 1.90084877472463 0.486248556493532 0.0281493066109485 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_026"

"SJ_027_1" -0.693051399613097 0.310924260462867 0.102926492672214 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_027"

"SJ_027_2" 0.344508670121994 0.310924260462867 0.102926492672214 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_027"

"SJ_027_3" 0.344508670121994 0.310924260462867 0.102926492672214 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_027"

"SJ_027_4" 0.863288704989539 0.310924260462867 0.102926492672214 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_027"

"SJ_028_1" -0.693051399613097 -0.101517876096657 -0.0314455042714155 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_028"

"SJ_028_2" 0.344508670121994 -0.101517876096657 -0.0314455042714155 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_028"

"SJ_028_3" 0.344508670121994 -0.101517876096657 -0.0314455042714155 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_028"

"SJ_029_1" -0.693051399613097 0.0629857890733566 0.0106976471037491 0.0522881419696076 NA "03_Median.Number.of.Roots" "SJ_029"

"SJ_029_2" -0.693051399613097 0.0629857890733566 0.0106976471037491 0.0522881419696076 NA "03_Median.Number.of.Roots" "SJ_029"

"SJ_029_3" 0.863288704989539 0.0629857890733566 0.0106976471037491 0.0522881419696076 NA "03_Median.Number.of.Roots" "SJ_029"

"SJ_030_1" -1.73061146934819 -0.119773546113838 -0.0311190628330881 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_030"

"SJ_030_2" -0.174271364745552 -0.119773546113838 -0.0311190628330881 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_030"

"SJ_030_3" 0.344508670121994 -0.119773546113838 -0.0311190628330881 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_030"

"SJ_031_1" -1.73061146934819 -0.0412496592163494 0.0194361665404335 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_031"

"SJ_031_2" 0.344508670121994 -0.0412496592163494 0.0194361665404335 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_031"

"SJ_031_3" 0.863288704989539 -0.0412496592163494 0.0194361665404335 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_031"

"SJ_032_1" -0.174271364745552 0.458387765766772 0.000288515884188985 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_032"

"SJ_032_2" 1.90084877472463 0.458387765766772 0.000288515884188985 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_032"

"SJ_032_3" 0.344508670121994 0.458387765766772 0.000288515884188985 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_032"

"SJ_033_1" -0.693051399613097 -0.406577405873149 -0.134876632760617 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_033"

"SJ_033_2" -1.21183143448064 -0.406577405873149 -0.134876632760617 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_033"

"SJ_033_3" -0.174271364745552 -0.406577405873149 -0.134876632760617 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_033"

"SJ_034_1" -1.21183143448064 0.136324235114204 -0.138728724936597 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_034"

"SJ_034_2" -0.174271364745552 0.136324235114204 -0.138728724936597 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_034"

"SJ_034_3" 0.863288704989539 0.136324235114204 -0.138728724936597 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_034"

"SJ_035_1" -0.174271364745552 -0.303365709111391 -0.0316649359988596 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_035"

"SJ_035_2" -1.21183143448064 -0.303365709111391 -0.0316649359988596 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_035"

"SJ_035_3" 0.863288704989539 -0.303365709111391 -0.0316649359988596 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_035"

"SJ_036_1" -0.174271364745552 -0.105914507194213 -0.10289732762912 -0.00301717956509383 NA "03_Median.Number.of.Roots" "SJ_036"

"SJ_036_2" -1.73061146934819 -0.105914507194213 -0.10289732762912 -0.00301717956509383 NA "03_Median.Number.of.Roots" "SJ_036"

"SJ_036_3" -0.174271364745552 -0.105914507194213 -0.10289732762912 -0.00301717956509383 NA "03_Median.Number.of.Roots" "SJ_036"

"SJ_037_1" -0.693051399613097 0.156431378616773 -0.118621581434029 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_037"

"SJ_037_2" 0.863288704989539 0.156431378616773 -0.118621581434029 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_037"

"SJ_037_3" -0.174271364745552 0.156431378616773 -0.118621581434029 0.275052960050802 NA "03_Median.Number.of.Roots" "SJ_037"

"SJ_038_1" -0.693051399613097 -0.367947229232146 -0.0962464561196144 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_038"

"SJ_038_2" -0.693051399613097 -0.367947229232146 -0.0962464561196144 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_038"

"SJ_038_3" 0.344508670121994 -0.367947229232146 -0.0962464561196144 -0.271700773112531 NA "03_Median.Number.of.Roots" "SJ_038"

"SJ_039_1" -0.174271364745552 0.294156498303225 0.0115848999362158 0.282571598367009 NA "03_Median.Number.of.Roots" "SJ_039"

"SJ_039_2" 0.344508670121994 0.294156498303225 0.0115848999362158 0.282571598367009 NA "03_Median.Number.of.Roots" "SJ_039"

"SJ_039_3" 0.344508670121994 0.294156498303225 0.0115848999362158 0.282571598367009 NA "03_Median.Number.of.Roots" "SJ_039"

"SJ_040_1" -2.24939150421573 0.0464913093474461 -0.0169451129083454 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_040"

"SJ_040_2" 1.38206873985709 0.0464913093474461 -0.0169451129083454 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_040"

"SJ_040_3" -0.174271364745552 0.0464913093474461 -0.0169451129083454 0.0634364222557915 NA "03_Median.Number.of.Roots" "SJ_040"

"SJ_041_1" -0.174271364745552 0.126010753385111 -0.0634049029500361 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_041"

"SJ_041_2" -0.174271364745552 0.126010753385111 -0.0634049029500361 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_041"

"SJ_041_3" 0.344508670121994 0.126010753385111 -0.0634049029500361 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_041"

"SJ_042_1" -0.693051399613097 0.123521516703398 -0.0658941396317487 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_042"

"SJ_042_2" 0.344508670121994 0.123521516703398 -0.0658941396317487 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_042"

"SJ_042_3" 0.863288704989539 0.123521516703398 -0.0658941396317487 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_042"

"SJ_043_1" -1.73061146934819 0.345502678196489 -0.112596571686095 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_043"

"SJ_043_2" 0.344508670121994 0.345502678196489 -0.112596571686095 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_043"

"SJ_043_3" 0.344508670121994 0.345502678196489 -0.112596571686095 0.458099249882584 NA "03_Median.Number.of.Roots" "SJ_043"

"SJ_044_1" -0.693051399613097 0.279786224748722 -0.0555525261223816 0.335338750871104 NA "03_Median.Number.of.Roots" "SJ_044"

"SJ_044_2" 0.344508670121994 0.279786224748722 -0.0555525261223816 0.335338750871104 NA "03_Median.Number.of.Roots" "SJ_044"

"SJ_044_3" 0.863288704989539 0.279786224748722 -0.0555525261223816 0.335338750871104 NA "03_Median.Number.of.Roots" "SJ_044"

"SJ_045_1" -0.693051399613097 0.236022592294382 0.0466069359592353 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_045"

"SJ_045_2" 0.344508670121994 0.236022592294382 0.0466069359592353 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_045"

"SJ_045_3" 0.344508670121994 0.236022592294382 0.0466069359592353 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_045"

"SJ_046_1" -0.174271364745552 0.0053285611799487 0.0660143869367316 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_046"

"SJ_046_2" 0.863288704989539 0.0053285611799487 0.0660143869367316 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_046"

"SJ_046_3" -0.693051399613097 0.0053285611799487 0.0660143869367316 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_046"

"SJ_047_1" -0.693051399613097 -0.224151338954125 -0.0374862791179872 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_047"

"SJ_047_3" 0.344508670121994 -0.224151338954125 -0.0374862791179872 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_047"

"SJ_048_1" -1.21183143448064 -0.0844051369956514 0.0928733767720274 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_048"

"SJ_048_2" -0.174271364745552 -0.0844051369956514 0.0928733767720274 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_048"

"SJ_048_3" 0.344508670121994 -0.0844051369956514 0.0928733767720274 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_048"

"SJ_048_4" 0.344508670121994 -0.0844051369956514 0.0928733767720274 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_048"

"SJ_049_1" 0.863288704989539 0.0137943372799448 0.0744801630367277 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_049"

"SJ_049_2" 1.38206873985709 0.0137943372799448 0.0744801630367277 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_049"

"SJ_049_3" 0.344508670121994 0.0137943372799448 0.0744801630367277 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_049"

"SJ_050_1" 1.38206873985709 0.226942354098556 0.0375266977634091 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_050"

"SJ_050_2" 0.344508670121994 0.226942354098556 0.0375266977634091 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_050"

"SJ_050_3" 1.38206873985709 0.226942354098556 0.0375266977634091 0.189415656335147 NA "03_Median.Number.of.Roots" "SJ_050"

"SJ_051_1" 0.863288704989539 -0.0688536596796283 0.108424854088051 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_051"

"SJ_051_2" 1.38206873985709 -0.0688536596796283 0.108424854088051 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_051"

"SJ_051_3" 0.863288704989539 -0.0688536596796283 0.108424854088051 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_051"

"SJ_052_1" -1.21183143448064 -0.0934296609213539 -0.0309622893187792 -0.0624673716025747 NA "03_Median.Number.of.Roots" "SJ_052"

"SJ_052_2" 0.344508670121994 -0.0934296609213539 -0.0309622893187792 -0.0624673716025747 NA "03_Median.Number.of.Roots" "SJ_052"

"SJ_052_3" -0.693051399613097 -0.0934296609213539 -0.0309622893187792 -0.0624673716025747 NA "03_Median.Number.of.Roots" "SJ_052"

"SJ_052_4" 1.38206873985709 -0.0934296609213539 -0.0309622893187792 -0.0624673716025747 NA "03_Median.Number.of.Roots" "SJ_052"

"SJ_053_1" -0.174271364745552 0.32237433015481 -0.0191322317168769 0.341506561871688 NA "03_Median.Number.of.Roots" "SJ_053"

"SJ_053_2" 0.344508670121994 0.32237433015481 -0.0191322317168769 0.341506561871688 NA "03_Median.Number.of.Roots" "SJ_053"

"SJ_053_3" 0.863288704989539 0.32237433015481 -0.0191322317168769 0.341506561871688 NA "03_Median.Number.of.Roots" "SJ_053"

"SJ_054_2" -1.21183143448064 -0.206220439160273 -0.019555379324135 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_054"

"SJ_054_3" -0.174271364745552 -0.206220439160273 -0.019555379324135 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_054"

"SJ_055_1" 0.344508670121994 0.0553340795129651 -0.0551359645804373 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_055"

"SJ_055_2" -0.174271364745552 0.0553340795129651 -0.0551359645804373 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_055"

"SJ_055_3" 0.863288704989539 0.0553340795129651 -0.0551359645804373 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_055"

"SJ_056_1" -2.24939150421573 -0.124093748296127 -0.0540213764708858 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_056"

"SJ_056_2" -0.693051399613097 -0.124093748296127 -0.0540213764708858 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_056"

"SJ_056_3" -0.174271364745552 -0.124093748296127 -0.0540213764708858 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_056"

"SJ_056_4" 0.344508670121994 -0.124093748296127 -0.0540213764708858 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_056"

"SJ_057_1" -0.693051399613097 0.195098804248426 -0.0128989635422284 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_057"

"SJ_057_2" -0.693051399613097 0.195098804248426 -0.0128989635422284 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_057"

"SJ_057_3" 0.344508670121994 0.195098804248426 -0.0128989635422284 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_057"

"SJ_058_1" -0.174271364745552 0.179135546745945 -0.0288622210447086 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_058"

"SJ_058_2" 0.344508670121994 0.179135546745945 -0.0288622210447086 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_058"

"SJ_058_3" 0.863288704989539 0.179135546745945 -0.0288622210447086 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_058"

"SJ_058_4" 0.344508670121994 0.179135546745945 -0.0288622210447086 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_058"

"SJ_059_1" -1.21183143448064 -0.193768203686679 -0.0355546542326445 -0.158213549454035 NA "03_Median.Number.of.Roots" "SJ_059"

"SJ_059_2" -0.174271364745552 -0.193768203686679 -0.0355546542326445 -0.158213549454035 NA "03_Median.Number.of.Roots" "SJ_059"

"SJ_059_3" 0.344508670121994 -0.193768203686679 -0.0355546542326445 -0.158213549454035 NA "03_Median.Number.of.Roots" "SJ_059"

"SJ_060_1" 0.344508670121994 0.220799963850054 0.0128021960593993 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_060"

"SJ_060_2" 0.863288704989539 0.220799963850054 0.0128021960593993 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_060"

"SJ_060_3" 1.38206873985709 0.220799963850054 0.0128021960593993 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_060"

"SJ_061_1" -0.693051399613097 -0.15850650589606 -0.0884341340708186 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_061"

"SJ_061_2" -0.693051399613097 -0.15850650589606 -0.0884341340708186 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_061"

"SJ_061_3" -0.693051399613097 -0.15850650589606 -0.0884341340708186 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_061"

"SJ_062_1" -0.174271364745552 -0.0636202268904031 0.0250342563903466 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_062"

"SJ_062_2" 0.344508670121994 -0.0636202268904031 0.0250342563903466 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_062"

"SJ_062_3" 0.863288704989539 -0.0636202268904031 0.0250342563903466 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_062"

"SJ_062_4" 0.863288704989539 -0.0636202268904031 0.0250342563903466 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_062"

"SJ_063_1" 0.863288704989539 0.260522478720759 0.0804933684540708 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_063"

"SJ_063_2" -0.693051399613097 0.260522478720759 0.0804933684540708 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_063"

"SJ_063_3" 0.344508670121994 0.260522478720759 0.0804933684540708 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_063"

"SJ_064_1" 2.41962880959218 0.135121386843263 0.0437163070635047 0.0914050797797581 NA "03_Median.Number.of.Roots" "SJ_064"

"SJ_064_2" 0.344508670121994 0.135121386843263 0.0437163070635047 0.0914050797797581 NA "03_Median.Number.of.Roots" "SJ_064"

"SJ_064_3" 0.344508670121994 0.135121386843263 0.0437163070635047 0.0914050797797581 NA "03_Median.Number.of.Roots" "SJ_064"

"SJ_065_1" 0.344508670121994 -0.258363842373028 0.0803921229996502 -0.338755965372679 NA "03_Median.Number.of.Roots" "SJ_065"

"SJ_065_2" -0.174271364745552 -0.258363842373028 0.0803921229996502 -0.338755965372679 NA "03_Median.Number.of.Roots" "SJ_065"

"SJ_065_3" 0.863288704989539 -0.258363842373028 0.0803921229996502 -0.338755965372679 NA "03_Median.Number.of.Roots" "SJ_065"

"SJ_066_1" -0.174271364745552 0.482175324080549 0.093635140371251 0.388540183709298 NA "03_Median.Number.of.Roots" "SJ_066"

"SJ_066_2" 0.344508670121994 0.482175324080549 0.093635140371251 0.388540183709298 NA "03_Median.Number.of.Roots" "SJ_066"

"SJ_066_3" 0.344508670121994 0.482175324080549 0.093635140371251 0.388540183709298 NA "03_Median.Number.of.Roots" "SJ_066"

"SJ_067_1" 0.344508670121994 -0.154714166414095 0.106877732562631 -0.261591898976726 NA "03_Median.Number.of.Roots" "SJ_067"

"SJ_067_2" 0.344508670121994 -0.154714166414095 0.106877732562631 -0.261591898976726 NA "03_Median.Number.of.Roots" "SJ_067"

"SJ_067_3" 0.344508670121994 -0.154714166414095 0.106877732562631 -0.261591898976726 NA "03_Median.Number.of.Roots" "SJ_067"

"SJ_067_4" 0.863288704989539 -0.154714166414095 0.106877732562631 -0.261591898976726 NA "03_Median.Number.of.Roots" "SJ_067"

"SJ_068_1" -1.21183143448064 0.245189318154194 0.0651602078875064 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_068"

"SJ_068_2" 0.344508670121994 0.245189318154194 0.0651602078875064 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_068"

"SJ_068_3" 1.90084877472463 0.245189318154194 0.0651602078875064 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_068"

"SJ_068_4" 0.344508670121994 0.245189318154194 0.0651602078875064 0.180029110266688 NA "03_Median.Number.of.Roots" "SJ_068"

"SJ_069_1" 2.41962880959218 -0.0806966573796613 0.0589347806188659 -0.139631437998527 NA "03_Median.Number.of.Roots" "SJ_069"

"SJ_069_2" -1.21183143448064 -0.0806966573796613 0.0589347806188659 -0.139631437998527 NA "03_Median.Number.of.Roots" "SJ_069"

"SJ_069_3" 0.344508670121994 -0.0806966573796613 0.0589347806188659 -0.139631437998527 NA "03_Median.Number.of.Roots" "SJ_069"

"SJ_070_1" -0.693051399613097 -0.0750962333928672 -0.0144104076360844 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_070"

"SJ_070_2" 0.344508670121994 -0.0750962333928672 -0.0144104076360844 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_070"

"SJ_070_3" -0.174271364745552 -0.0750962333928672 -0.0144104076360844 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_070"

"SJ_071_1" -1.73061146934819 -0.0816399461690372 -0.0209541204122544 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_071"

"SJ_071_2" -0.174271364745552 -0.0816399461690372 -0.0209541204122544 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_071"

"SJ_071_3" -0.174271364745552 -0.0816399461690372 -0.0209541204122544 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_071"

"SJ_071_4" 0.344508670121994 -0.0816399461690372 -0.0209541204122544 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_071"

"SJ_072_1" -2.24939150421573 -0.0550802843197373 0.00560554143704523 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_072"

"SJ_072_2" -0.174271364745552 -0.0550802843197373 0.00560554143704523 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_072"

"SJ_072_3" 0.863288704989539 -0.0550802843197373 0.00560554143704523 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_072"

"SJ_073_1" 0.863288704989539 -0.0549997359948601 0.0336547472858894 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_073"

"SJ_073_2" 0.344508670121994 -0.0549997359948601 0.0336547472858894 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_073"

"SJ_073_3" 0.863288704989539 -0.0549997359948601 0.0336547472858894 -0.0886544832807494 NA "03_Median.Number.of.Roots" "SJ_073"

"SJ_074_1" 0.344508670121994 0.158955564760572 0.0205168631432028 0.138438701617369 NA "03_Median.Number.of.Roots" "SJ_074"

"SJ_074_2" 0.863288704989539 0.158955564760572 0.0205168631432028 0.138438701617369 NA "03_Median.Number.of.Roots" "SJ_074"

"SJ_074_3" 1.38206873985709 0.158955564760572 0.0205168631432028 0.138438701617369 NA "03_Median.Number.of.Roots" "SJ_074"

"SJ_075_1" 0.344508670121994 -0.252568444753644 -0.0659033849175059 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_075"

"SJ_075_2" -0.693051399613097 -0.252568444753644 -0.0659033849175059 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_075"

"SJ_075_3" 0.863288704989539 -0.252568444753644 -0.0659033849175059 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_075"

"SJ_075_4" 0.344508670121994 -0.252568444753644 -0.0659033849175059 -0.186665059836138 NA "03_Median.Number.of.Roots" "SJ_075"

"SJ_076_1" 0.863288704989539 0.161023857829936 0.0505538137365331 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_076"

"SJ_076_2" 0.863288704989539 0.161023857829936 0.0505538137365331 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_076"

"SJ_076_3" 0.863288704989539 0.161023857829936 0.0505538137365331 0.110470044093402 NA "03_Median.Number.of.Roots" "SJ_076"

"SJ_077_1" -0.693051399613097 0.0610334831573535 -0.0260170786133288 0.0870505617706822 NA "03_Median.Number.of.Roots" "SJ_077"

"SJ_077_2" 0.344508670121994 0.0610334831573535 -0.0260170786133288 0.0870505617706822 NA "03_Median.Number.of.Roots" "SJ_077"

"SJ_077_3" -0.693051399613097 0.0610334831573535 -0.0260170786133288 0.0870505617706822 NA "03_Median.Number.of.Roots" "SJ_077"

"SJ_077_4" -0.174271364745552 0.0610334831573535 -0.0260170786133288 0.0870505617706822 NA "03_Median.Number.of.Roots" "SJ_077"

"SJ_078_1" -1.21183143448064 0.152802158945456 -0.055195608845198 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_078"

"SJ_078_2" -0.174271364745552 0.152802158945456 -0.055195608845198 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_078"

"SJ_078_3" 0.344508670121994 0.152802158945456 -0.055195608845198 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_078"

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"SJ_079_3" 1.38206873985709 0.108827551164184 0.0174224713844259 0.0914050797797581 NA "03_Median.Number.of.Roots" "SJ_079"

"SJ_080_1" -0.174271364745552 0.271785004565437 0.0637872367747824 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_080"

"SJ_080_2" -0.693051399613097 0.271785004565437 0.0637872367747824 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_080"

"SJ_080_3" 1.90084877472463 0.271785004565437 0.0637872367747824 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_080"

"SJ_081_1" -1.21183143448064 -0.112703941267292 -0.0520181155105087 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_081"

"SJ_081_2" -0.693051399613097 -0.112703941267292 -0.0520181155105087 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_081"

"SJ_081_3" -0.174271364745552 -0.112703941267292 -0.0520181155105087 -0.0606858257567827 NA "03_Median.Number.of.Roots" "SJ_081"

"SJ_082_1" -1.73061146934819 0.00920572499801228 0.0792780968232543 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_082"

"SJ_082_2" 1.90084877472463 0.00920572499801228 0.0792780968232543 -0.0700723718252419 NA "03_Median.Number.of.Roots" "SJ_082"

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"SJ_083_1" 0.863288704989539 0.145512919200295 -0.062484848590359 0.207997767790654 NA "03_Median.Number.of.Roots" "SJ_083"

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"SJ_086_1" -1.73061146934819 -0.162400187651904 0.0148783261157745 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_086"

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"SJ_086_3" -1.21183143448064 -0.162400187651904 0.0148783261157745 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_086"

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"SJ_087_1" -1.21183143448064 -0.0699896816957559 0.107288832071923 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_087"

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"SJ_089_1" 1.38206873985709 -0.123169732256086 0.0541087815115932 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_089"

"SJ_089_2" -1.73061146934819 -0.123169732256086 0.0541087815115932 -0.177278513767679 NA "03_Median.Number.of.Roots" "SJ_089"

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"SJ_091_3" -0.693051399613097 -0.448305774337024 0.00704287904655041 -0.455348653383575 NA "03_Median.Number.of.Roots" "SJ_091"

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"SJ_092_2" 0.863288704989539 0 0 0 NA "03_Median.Number.of.Roots" "SJ_092"

"SJ_092_3" 1.38206873985709 0 0 0 NA "03_Median.Number.of.Roots" "SJ_092"

"SJ_093_1" -1.21183143448064 -0.362058726323107 0.0190606775788623 -0.381119403901969 NA "03_Median.Number.of.Roots" "SJ_093"

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"NS_003_4" -1.2338411369286 -0.323817490533419 0.00645205425209317 -0.330269544785512 NA "05_Network.Area.px2.RV" "NS_003"

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"SJ_023_2" 0.890504653149543 0.262741273271013 -0.0521609250352271 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_023"

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"SJ_030_2" 0.905547381293374 0.0551071761827967 -0.0770940513485339 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_030"

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"SJ_036_3" -0.262159042879428 -0.0301392051075239 -0.162340432638855 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_036"

"SJ_037_1" 0.00204596415585554 0.18371189221479 -0.131190306091451 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_037"

"SJ_037_2" 0.848678054505463 0.18371189221479 -0.131190306091451 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_037"

"SJ_037_3" -0.478696184108287 0.18371189221479 -0.131190306091451 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_037"

"SJ_038_1" -0.396117467401828 -0.0388760486880539 -0.171077276219384 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_038"

"SJ_038_2" 0.863759854670446 -0.0388760486880539 -0.171077276219384 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_038"

"SJ_038_3" -0.186808650086239 -0.0388760486880539 -0.171077276219384 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_038"

"SJ_039_1" -1.24304259791008 0.019165077000708 0.0190889686595845 7.61083411235618e-05 NA "05_Network.Area.px2.RV" "SJ_039"

"SJ_039_2" 0.789503478469536 0.019165077000708 0.0190889686595845 7.61083411235618e-05 NA "05_Network.Area.px2.RV" "SJ_039"

"SJ_039_3" 0.265020202524826 0.019165077000708 0.0190889686595845 7.61083411235618e-05 NA "05_Network.Area.px2.RV" "SJ_039"

"SJ_040_1" -1.66234399291143 -0.0280503988824869 0.0448211994299321 -0.0728715983124191 NA "05_Network.Area.px2.RV" "SJ_040"

"SJ_040_2" 1.39361553352367 -0.0280503988824869 0.0448211994299321 -0.0728715983124191 NA "05_Network.Area.px2.RV" "SJ_040"

"SJ_040_3" 0.103594147132002 -0.0280503988824869 0.0448211994299321 -0.0728715983124191 NA "05_Network.Area.px2.RV" "SJ_040"

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"SJ_041_2" -0.312542414155973 0.0471214221533134 -0.0850798053780172 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_041"

"SJ_041_3" 0.697488868654674 0.0471214221533134 -0.0850798053780172 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_041"

"SJ_042_1" -1.02800972949561 0.0739759185064353 -0.0582253090248952 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_042"

"SJ_042_2" 0.674201944047601 0.0739759185064353 -0.0582253090248952 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_042"

"SJ_042_3" 1.36706609515033 0.0739759185064353 -0.0582253090248952 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_042"

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"SJ_043_2" 0.308741794194817 0.0260508821281678 -0.106150345403163 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_043"

"SJ_043_3" 0.565210541041845 0.0260508821281678 -0.106150345403163 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_043"

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"SJ_044_2" 0.611295989991581 0.115182974945189 -0.017018252586142 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_044"

"SJ_044_3" 1.01149116664921 0.115182974945189 -0.017018252586142 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_044"

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"SJ_045_2" 0.800033388170217 0.178795526121197 0.046594298589866 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_045"

"SJ_045_3" 0.33230222294996 0.178795526121197 0.046594298589866 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_045"

"SJ_046_1" 0.265625818852694 0.247589769101468 -0.0673124292047718 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_046"

"SJ_046_2" 1.56494634627873 0.247589769101468 -0.0673124292047718 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_046"

"SJ_046_3" -0.470901315888302 0.247589769101468 -0.0673124292047718 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_046"

"SJ_047_1" -0.638735182750186 0.124960850332365 0.015131477869875 0.10982937246249 NA "05_Network.Area.px2.RV" "SJ_047"

"SJ_047_3" 0.982284830837487 0.124960850332365 0.015131477869875 0.10982937246249 NA "05_Network.Area.px2.RV" "SJ_047"

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"SJ_049_2" 1.28216259318528 0.272857747852929 -0.042044450453311 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_049"

"SJ_049_3" 0.747950383973525 0.272857747852929 -0.042044450453311 0.31490219830624 NA "05_Network.Area.px2.RV" "SJ_049"

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"SJ_050_3" 0.534343644331127 0.0991997734402766 -0.033001454091054 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_050"

"SJ_051_1" 0.0212107905313076 0.119972180326453 0.010142807863962 0.10982937246249 NA "05_Network.Area.px2.RV" "SJ_051"

"SJ_051_2" 2.26724639048986 0.119972180326453 0.010142807863962 0.10982937246249 NA "05_Network.Area.px2.RV" "SJ_051"

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"SJ_052_4" 1.32182069465538 -0.0197192225002165 0.00503586047348228 -0.0247550829736989 NA "05_Network.Area.px2.RV" "SJ_052"

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"SJ_053_2" 0.34843896768607 -0.0140363794917755 0.0588352188206437 -0.0728715983124191 NA "05_Network.Area.px2.RV" "SJ_053"

"SJ_053_3" 0.121645420904599 -0.0140363794917755 0.0588352188206437 -0.0728715983124191 NA "05_Network.Area.px2.RV" "SJ_053"

"SJ_054_2" 0.271506158036192 -0.173175616476672 -0.0844728751447219 -0.0887027413319504 NA "05_Network.Area.px2.RV" "SJ_054"

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"SJ_055_1" 0.326617243872227 0.123279123575061 -0.0504979072456809 0.173777030820742 NA "05_Network.Area.px2.RV" "SJ_055"

"SJ_055_2" -0.393968506238424 0.123279123575061 -0.0504979072456809 0.173777030820742 NA "05_Network.Area.px2.RV" "SJ_055"

"SJ_055_3" 0.322553753672335 0.123279123575061 -0.0504979072456809 0.173777030820742 NA "05_Network.Area.px2.RV" "SJ_055"

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"SJ_057_2" 0.520785652991103 0.0806063477059781 0.0231020958728309 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_057"

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"SJ_058_2" 0.418045773369796 -0.0601986669095474 -0.117702918742694 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_058"

"SJ_058_3" 0.488941955751565 -0.0601986669095474 -0.117702918742694 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_058"

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"SJ_059_2" 0.290983560580866 0.122695240675146 -0.0510817901455955 0.173777030820742 NA "05_Network.Area.px2.RV" "SJ_059"

"SJ_059_3" 0.587325305014334 0.122695240675146 -0.0510817901455955 0.173777030820742 NA "05_Network.Area.px2.RV" "SJ_059"

"SJ_060_1" -0.0210065283243008 0.0579234157900324 0.000419163956885413 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_060"

"SJ_060_2" 1.36493666999751 0.0579234157900324 0.000419163956885413 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_060"

"SJ_060_3" 1.4480623950001 0.0579234157900324 0.000419163956885413 0.0575042518331471 NA "05_Network.Area.px2.RV" "SJ_060"

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"SJ_061_2" 0.605669618945577 -0.210908675456492 -0.085711956514729 -0.125196718941762 NA "05_Network.Area.px2.RV" "SJ_061"

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"SJ_064_2" -0.065490024406772 -0.220540540818264 0.109729003967248 -0.330269544785512 NA "05_Network.Area.px2.RV" "SJ_064"

"SJ_064_3" -0.397797564311399 -0.220540540818264 0.109729003967248 -0.330269544785512 NA "05_Network.Area.px2.RV" "SJ_064"

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"SJ_065_2" 1.5770006480437 0.084841133198058 -0.0473600943332728 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_065"

"SJ_065_3" 0.126294991421783 0.084841133198058 -0.0473600943332728 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_065"

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"SJ_066_2" 0.825586490004153 0.123122153041333 0.132046092995501 -0.00892393995416758 NA "05_Network.Area.px2.RV" "SJ_066"

"SJ_066_3" 0.420214270543777 0.123122153041333 0.132046092995501 -0.00892393995416758 NA "05_Network.Area.px2.RV" "SJ_066"

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"SJ_067_4" -0.912239330819838 -0.18364808836598 -0.0584513694242172 -0.125196718941762 NA "05_Network.Area.px2.RV" "SJ_067"

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"SJ_070_2" -0.166198158928133 -0.0126284227653523 -0.144829650296683 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_070"

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"SJ_075_2" -0.873460349825676 -0.100636943243877 -0.0119342019119267 -0.0887027413319504 NA "05_Network.Area.px2.RV" "SJ_075"

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"SJ_075_4" -0.163971053722423 -0.100636943243877 -0.0119342019119267 -0.0887027413319504 NA "05_Network.Area.px2.RV" "SJ_075"

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"SJ_100_2" 0.236810203252499 0.255758290791434 0.123557063260103 0.132201227531331 NA "05_Network.Area.px2.RV" "SJ_100"

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"NS_006_2" 0.807353117980576 0.0375203500394564 0.213106066183115 -0.175585716143659 NA "07_Volume.px3.RV" "NS_006"

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"NS_010_2" -0.530092407764636 0.286043245620694 -0.0686176323795121 0.354660878000206 NA "07_Volume.px3.RV" "NS_010"

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"NS_098_1" -1.3910495889457 -0.156544582086431 0.0449278696289562 -0.201472451715387 NA "07_Volume.px3.RV" "NS_098"
"NS_098_2" -0.62595312196471 -0.156544582086431 0.0449278696289562 -0.201472451715387 NA "07_Volume.px3.RV" "NS_098"
"NS_098_3" 0.797177263617496 -0.156544582086431 0.0449278696289562 -0.201472451715387 NA "07_Volume.px3.RV" "NS_098"
"NS_099_1" -2.34289459124596 0.0375302864662235 0.042176687233319 -0.0046464007670955 NA "07_Volume.px3.RV" "NS_099"
"NS_099_2" 1.13204463964518 0.0375302864662235 0.042176687233319 -0.0046464007670955 NA "07_Volume.px3.RV" "NS_099"
"NS_099_3" 0.537706967992821 0.0375302864662235 0.042176687233319 -0.0046464007670955 NA "07_Volume.px3.RV" "NS_099"
"NS_100_1" -1.58993266736887 -0.140864730982428 0.0606077207329595 -0.201472451715387 NA "07_Volume.px3.RV" "NS_100"
"NS_100_2" 0.533413397911729 -0.140864730982428 0.0606077207329595 -0.201472451715387 NA "07_Volume.px3.RV" "NS_100"
"NS_100_3" 0.471123986923552 -0.140864730982428 0.0606077207329595 -0.201472451715387 NA "07_Volume.px3.RV" "NS_100"

"SJ_001_1" 0.0220681663351589 0.278751453030345 0.161177872229595 0.11757358080075 NA "07_Volume.px3.RV" "SJ_001"

"SJ_001_2" 1.02382708671426 0.278751453030345 0.161177872229595 0.11757358080075 NA "07_Volume.px3.RV" "SJ_001"

"SJ_001_3" 1.86422114514635 0.278751453030345 0.161177872229595 0.11757358080075 NA "07_Volume.px3.RV" "SJ_001"

"SJ_002_1" -0.299383746332706 -0.192860899875644 -0.0172751837319852 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_002"

"SJ_002_2" -0.314100338641792 -0.192860899875644 -0.0172751837319852 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_002"

"SJ_002_3" 1.43613106665922 -0.192860899875644 -0.0172751837319852 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_002"

"SJ_003_1" -1.08358209208142 -0.192613263129365 -0.017027546985706 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_003"

"SJ_003_2" 0.141173541441303 -0.192613263129365 -0.017027546985706 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_003"

"SJ_003_3" 0.250625379181922 -0.192613263129365 -0.017027546985706 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_003"

"SJ_004_1" -0.929497023287833 -0.298821632548038 0.0323256607156746 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_004"

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"SJ_004_3" -0.223577828517919 -0.298821632548038 0.0323256607156746 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_004"

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"SJ_005_2" 1.34005582940657 -0.233750918199207 -0.0581652020555486 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_005"

"SJ_005_3" 0.48834956623875 -0.233750918199207 -0.0581652020555486 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_005"

"SJ_006_1" -2.25042738301512 -0.106177167876774 -0.0681891715574709 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_006"

"SJ_006_2" -0.0118575662679355 -0.106177167876774 -0.0681891715574709 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_006"

"SJ_006_3" -0.598037143863245 -0.106177167876774 -0.0681891715574709 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_006"

"SJ_006_4" 0.283817380764642 -0.106177167876774 -0.0681891715574709 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_006"

"SJ_007_1" 0.0569452620409427 0.281136927981028 0.163563347180278 0.11757358080075 NA "07_Volume.px3.RV" "SJ_007"

"SJ_007_2" 0.332442606013212 0.281136927981028 0.163563347180278 0.11757358080075 NA "07_Volume.px3.RV" "SJ_007"

"SJ_007_3" 0.531275939960426 0.281136927981028 0.163563347180278 0.11757358080075 NA "07_Volume.px3.RV" "SJ_007"

"SJ_008_1" -2.32974805895928 0.203157380361656 0.0855837995609056 0.11757358080075 NA "07_Volume.px3.RV" "SJ_008"

"SJ_008_2" 1.29022274610116 0.203157380361656 0.0855837995609056 0.11757358080075 NA "07_Volume.px3.RV" "SJ_008"

"SJ_008_3" 0.38493701878236 0.203157380361656 0.0855837995609056 0.11757358080075 NA "07_Volume.px3.RV" "SJ_008"

"SJ_009_1" -0.669530837418456 -0.187392499442689 0.143754793821023 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_009"

"SJ_009_2" 0.385835528379345 -0.187392499442689 0.143754793821023 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_009"

"SJ_009_3" 0.577283362161726 -0.187392499442689 0.143754793821023 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_009"

"SJ_009_4" -0.509670745869161 -0.187392499442689 0.143754793821023 -0.331147293263712 NA "07_Volume.px3.RV" "SJ_009"

"SJ_010_1" 0.246694011066397 0.229031107743757 0.267019104063059 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_010"

"SJ_010_2" 1.98654592055587 0.229031107743757 0.267019104063059 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_010"

"SJ_010_3" 1.58552305504918 0.229031107743757 0.267019104063059 -0.0379879963193031 NA "07_Volume.px3.RV" "SJ_010"

"SJ_011_1" -1.86782240973173 0.0736020619539207 0.24918777809758 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_011"

"SJ_011_2" 0.30490437502605 0.0736020619539207 0.24918777809758 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_011"

"SJ_011_3" 1.9023891488397 0.0736020619539207 0.24918777809758 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_011"

"SJ_011_4" 0.298078500215741 0.0736020619539207 0.24918777809758 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_011"

"SJ_012_1" -1.34590181346955 -0.0711893416762666 0.104396374467392 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_012"

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"SJ_012_3" -0.127622288910551 -0.0711893416762666 0.104396374467392 -0.175585716143659 NA "07_Volume.px3.RV" "SJ_012"

"SJ_013_1" -1.32467802189925 0.366511955343082 0.0118510773428759 0.354660878000206 NA "07_Volume.px3.RV" "SJ_013"

"SJ_013_2" 0.951999172461208 0.366511955343082 0.0118510773428759 0.354660878000206 NA "07_Volume.px3.RV" "SJ_013"

"SJ_013_3" 0.728826799136857 0.366511955343082 0.0118510773428759 0.354660878000206 NA "07_Volume.px3.RV" "SJ_013"

"SJ_014_1" 1.62368484068304 0.234995654709422 0.173494073653625 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_014"

"SJ_014_2" 3.38904323021978 0.234995654709422 0.173494073653625 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_014"

"SJ_014_3" 2.31065294462798 0.234995654709422 0.173494073653625 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_014"

"SJ_015_1" -1.06240027241272 0.141636748043285 0.0801351669874876 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_015"

"SJ_015_2" 0.798462847418025 0.141636748043285 0.0801351669874876 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_015"

"SJ_015_3" 0.647578524749333 0.141636748043285 0.0801351669874876 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_015"

"SJ_015_4" 0.365423193573111 0.141636748043285 0.0801351669874876 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_015"

"SJ_016_1" 0.8472590693027 0.193564013098532 0.0759904322977813 0.11757358080075 NA "07_Volume.px3.RV" "SJ_016"

"SJ_016_2" 0.226947008626097 0.193564013098532 0.0759904322977813 0.11757358080075 NA "07_Volume.px3.RV" "SJ_016"

"SJ_016_3" 1.09463057566556 0.193564013098532 0.0759904322977813 0.11757358080075 NA "07_Volume.px3.RV" "SJ_016"

"SJ_016_4" -0.245909989193142 0.193564013098532 0.0759904322977813 0.11757358080075 NA "07_Volume.px3.RV" "SJ_016"

"SJ_017_1" -1.46809134608506 0.460368439639009 0.105707561638803 0.354660878000206 NA "07_Volume.px3.RV" "SJ_017"

"SJ_017_2" 1.11053637185301 0.460368439639009 0.105707561638803 0.354660878000206 NA "07_Volume.px3.RV" "SJ_017"

"SJ_017_3" 2.03430683553468 0.460368439639009 0.105707561638803 0.354660878000206 NA "07_Volume.px3.RV" "SJ_017"

"SJ_018_1" -0.579090716582888 0.123530047396244 0.00595646659549363 0.11757358080075 NA "07_Volume.px3.RV" "SJ_018"

"SJ_018_2" -0.788409253353043 0.123530047396244 0.00595646659549363 0.11757358080075 NA "07_Volume.px3.RV" "SJ_018"

"SJ_018_3" 0.14094813678462 0.123530047396244 0.00595646659549363 0.11757358080075 NA "07_Volume.px3.RV" "SJ_018"

"SJ_019_1" -0.136481469175628 -0.07168200010074 -0.0182448396189468 -0.0534371604817931 NA "07_Volume.px3.RV" "SJ_019"

"SJ_019_2" -0.386567158507923 -0.07168200010074 -0.0182448396189468 -0.0534371604817931 NA "07_Volume.px3.RV" "SJ_019"

"SJ_019_3" -0.48302946996411 -0.07168200010074 -0.0182448396189468 -0.0534371604817931 NA "07_Volume.px3.RV" "SJ_019"

"SJ_020_1" -1.16316859006899 -0.0431414756918788 0.0509185203723772 -0.0940599960642561 NA "07_Volume.px3.RV" "SJ_020"

"SJ_020_2" -0.484517140698217 -0.0431414756918788 0.0509185203723772 -0.0940599960642561 NA "07_Volume.px3.RV" "SJ_020"

"SJ_020_3" 0.944975874261943 -0.0431414756918788 0.0509185203723772 -0.0940599960642561 NA "07_Volume.px3.RV" "SJ_020"

"SJ_021_1" -1.25932777112481 0.0493726707216299 -0.0121289103341675 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_021"

"SJ_021_2" 0.116587334199251 0.0493726707216299 -0.0121289103341675 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_021"

"SJ_021_3" 0.663372395865876 0.0493726707216299 -0.0121289103341675 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_021"

"SJ_022_1" -1.17513990911116 0.216454146923713 0.0988805661229632 0.11757358080075 NA "07_Volume.px3.RV" "SJ_022"

"SJ_022_2" 2.06514063805403 0.216454146923713 0.0988805661229632 0.11757358080075 NA "07_Volume.px3.RV" "SJ_022"

"SJ_022_3" 0.656762598623008 0.216454146923713 0.0988805661229632 0.11757358080075 NA "07_Volume.px3.RV" "SJ_022"

"SJ_023_1" -1.24401735413398 0.0812918244443059 -0.0362817563564443 0.11757358080075 NA "07_Volume.px3.RV" "SJ_023"

"SJ_023_2" 0.536595489858143 0.0812918244443059 -0.0362817563564443 0.11757358080075 NA "07_Volume.px3.RV" "SJ_023"

"SJ_023_3" 0.920126954006239 0.0812918244443059 -0.0362817563564443 0.11757358080075 NA "07_Volume.px3.RV" "SJ_023"

"SJ_024_1" -2.19618569552796 0.208629246067419 0.0910556652666684 0.11757358080075 NA "07_Volume.px3.RV" "SJ_024"

"SJ_024_2" 0.792457756461017 0.208629246067419 0.0910556652666684 0.11757358080075 NA "07_Volume.px3.RV" "SJ_024"

"SJ_024_3" 1.14779187531551 0.208629246067419 0.0910556652666684 0.11757358080075 NA "07_Volume.px3.RV" "SJ_024"

"SJ_025_1" -0.262748494304795 0.132104930983545 0.0706033499277479 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_025"

"SJ_025_2" 0.9619853760097 0.132104930983545 0.0706033499277479 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_025"

"SJ_025_3" 1.21208661049073 0.132104930983545 0.0706033499277479 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_025"

"SJ_025_4" -0.52590299018008 0.132104930983545 0.0706033499277479 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_025"

"SJ_026_1" 0.41423806963627 0.170920601170464 0.0533470203697139 0.11757358080075 NA "07_Volume.px3.RV" "SJ_026"

"SJ_026_2" 1.73887750185214 0.170920601170464 0.0533470203697139 0.11757358080075 NA "07_Volume.px3.RV" "SJ_026"

"SJ_026_3" 0.952370701516017 0.170920601170464 0.0533470203697139 0.11757358080075 NA "07_Volume.px3.RV" "SJ_026"

"SJ_026_4" 0.555503054266658 0.170920601170464 0.0533470203697139 0.11757358080075 NA "07_Volume.px3.RV" "SJ_026"

"SJ_027_1" -1.97360248334073 0.353333108042466 -0.00132776995773984 0.354660878000206 NA "07_Volume.px3.RV" "SJ_027"

"SJ_027_2" 0.965105287361167 0.353333108042466 -0.00132776995773984 0.354660878000206 NA "07_Volume.px3.RV" "SJ_027"

"SJ_027_3" 0.84681914159345 0.353333108042466 -0.00132776995773984 0.354660878000206 NA "07_Volume.px3.RV" "SJ_027"

"SJ_027_4" 0.996167603566951 0.353333108042466 -0.00132776995773984 0.354660878000206 NA "07_Volume.px3.RV" "SJ_027"

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"SJ_029_1" -0.486735433422952 0.285976110621733 -0.0686847673784728 0.354660878000206 NA "07_Volume.px3.RV" "SJ_029"

"SJ_029_2" -0.734285708996283 0.285976110621733 -0.0686847673784728 0.354660878000206 NA "07_Volume.px3.RV" "SJ_029"

"SJ_029_3" 0.970126370403139 0.285976110621733 -0.0686847673784728 0.354660878000206 NA "07_Volume.px3.RV" "SJ_029"

"SJ_030_1" -2.28488165067526 0.00924465617573007 -0.10832892462502 0.11757358080075 NA "07_Volume.px3.RV" "SJ_030"

"SJ_030_2" 0.568080634109567 0.00924465617573007 -0.10832892462502 0.11757358080075 NA "07_Volume.px3.RV" "SJ_030"

"SJ_030_3" 0.898850308930243 0.00924465617573007 -0.10832892462502 0.11757358080075 NA "07_Volume.px3.RV" "SJ_030"

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"SJ_031_2" 0.042461846962908 0.0538683641594875 -0.00763321689630996 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_031"

"SJ_031_3" 1.65283665810908 0.0538683641594875 -0.00763321689630996 0.0615015810557973 NA "07_Volume.px3.RV" "SJ_031"

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"SJ_032_2" 0.410853890756278 0.101338404874576 -0.0162351759261736 0.11757358080075 NA "07_Volume.px3.RV" "SJ_032"

"SJ_032_3" 0.493672225166215 0.101338404874576 -0.0162351759261736 0.11757358080075 NA "07_Volume.px3.RV" "SJ_032"

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"SJ_033_2" -0.60832492329723 -0.147582085476624 -0.265155666277375 0.11757358080075 NA "07_Volume.px3.RV" "SJ_033"

"SJ_033_3" -0.14080923858394 -0.147582085476624 -0.265155666277375 0.11757358080075 NA "07_Volume.px3.RV" "SJ_033"

"SJ_034_1" -0.727075869012176 0.0642611846901254 -0.0533123961106248 0.11757358080075 NA "07_Volume.px3.RV" "SJ_034"

"SJ_034_2" 2.11864704000594 0.0642611846901254 -0.0533123961106248 0.11757358080075 NA "07_Volume.px3.RV" "SJ_034"

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"SJ_037_1" -0.422984778453519 0.0102715523880729 -0.107302028412678 0.11757358080075 NA "07_Volume.px3.RV" "SJ_037"

"SJ_037_2" 0.495046416314544 0.0102715523880729 -0.107302028412678 0.11757358080075 NA "07_Volume.px3.RV" "SJ_037"

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"SJ_038_1" -0.160557795539114 -0.049652192904998 -0.167225773705748 0.11757358080075 NA "07_Volume.px3.RV" "SJ_038"

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"SJ_078_2" -0.0700757028019571 0.0307966995387957 -0.0713277170994645 0.10212441663826 NA "07_Volume.px3.RV" "SJ_078"

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"NS_098_1" -1.26262739735213 -0.245027234116983 0.0386680536238955 -0.283695287740879 NA "08_Surface.Area.px2.RV" "NS_098"

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"SJ_007_2" 0.58209196886305 0.366892622879164 0.125542333684264 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_007"

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"SJ_008_2" 1.6573168598589 0.172770776842713 0.0847033992521947 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_008"

"SJ_008_3" 0.259740693802638 0.172770776842713 0.0847033992521947 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_008"

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"SJ_009_2" 0.37185510604465 -0.231010660398996 0.129830735522075 -0.360841395921072 NA "08_Surface.Area.px2.RV" "SJ_009"

"SJ_009_3" 0.519033016782877 -0.231010660398996 0.129830735522075 -0.360841395921072 NA "08_Surface.Area.px2.RV" "SJ_009"

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"SJ_011_2" 0.830349839998212 0.00800415103496184 0.203683104196438 -0.195678953161476 NA "08_Surface.Area.px2.RV" "SJ_011"

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"SJ_020_2" -0.557195006198891 0.040351978254318 0.0434099913349707 -0.00305801308065248 NA "08_Surface.Area.px2.RV" "SJ_020"

"SJ_020_3" 0.625059455593122 0.040351978254318 0.0434099913349707 -0.00305801308065248 NA "08_Surface.Area.px2.RV" "SJ_020"

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"SJ_021_3" 0.682987445216598 0.00101405351877879 -0.00780746455578213 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_021"

"SJ_022_1" -1.22891870354953 0.175270149831084 0.0872027722405661 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_022"

"SJ_022_2" 1.91816000182886 0.175270149831084 0.0872027722405661 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_022"

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"SJ_023_2" 0.893258898793133 0.207113784369988 -0.0342365048249117 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_023"

"SJ_023_3" 0.910911715694714 0.207113784369988 -0.0342365048249117 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_023"

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"SJ_024_3" 0.886110142111892 0.175077615306339 0.0870102377158215 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_024"

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"SJ_026_2" 1.7722792445207 0.141305326505683 0.0532379489151653 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_026"

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"SJ_032_2" 0.408907573133631 0.234892542618172 -0.00645774657672746 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_032"

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"SJ_037_1" -0.0297147702713528 0.157182117917902 -0.0841681712769983 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_037"

"SJ_037_2" 0.84269874065242 0.157182117917902 -0.0841681712769983 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_037"

"SJ_037_3" -0.494453136068289 0.157182117917902 -0.0841681712769983 0.2413502891949 NA "08_Surface.Area.px2.RV" "SJ_037"

"SJ_038_1" -0.377040572705261 -0.0472107146424431 -0.135278092232961 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_038"

"SJ_038_2" 0.831958310251491 -0.0472107146424431 -0.135278092232961 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_038"

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"SJ_039_2" 0.780158649944273 0.00710298746058098 -0.00155387014575141 0.00865685760633236 NA "08_Surface.Area.px2.RV" "SJ_039"

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"SJ_042_2" 0.699544888110569 0.0498605953452154 -0.0382067822453027 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_042"

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"SJ_043_2" 0.319196441910412 0.00173019530000258 -0.0863371822905156 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_043"

"SJ_043_3" 0.651798111631506 0.00173019530000258 -0.0863371822905156 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_043"

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"SJ_045_2" 0.802671468363826 0.120049250105691 0.031981872515173 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_045"

"SJ_045_3" 0.304408892807683 0.120049250105691 0.031981872515173 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_045"

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"SJ_051_1" 0.0751355827623008 0.244460949764552 -0.0362273679067896 0.280688317671342 NA "08_Surface.Area.px2.RV" "SJ_051"

"SJ_051_2" 2.34066881706927 0.244460949764552 -0.0362273679067896 0.280688317671342 NA "08_Surface.Area.px2.RV" "SJ_051"

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"SJ_055_2" -0.410680084991585 0.114037815592919 -0.023071269706889 0.137109085299809 NA "08_Surface.Area.px2.RV" "SJ_055"

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"SJ_059_2" 0.250291651705417 0.111023378478703 -0.0260857068211059 0.137109085299809 NA "08_Surface.Area.px2.RV" "SJ_059"

"SJ_059_3" 0.613892405841861 0.111023378478703 -0.0260857068211059 0.137109085299809 NA "08_Surface.Area.px2.RV" "SJ_059"

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"SJ_060_2" 1.35131548314365 -0.0514966832330825 -0.00910064167598853 -0.0423960415570944 NA "08_Surface.Area.px2.RV" "SJ_060"

"SJ_060_3" 1.4623287562517 -0.0514966832330825 -0.00910064167598853 -0.0423960415570944 NA "08_Surface.Area.px2.RV" "SJ_060"

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"SJ_062_4" -0.671580878225103 0.127173163219444 0.0391057856289257 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_062"

"SJ_063_1" 0.887718612365171 0.202732078785657 0.114664701195139 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_063"

"SJ_063_2" -1.22190254477448 0.202732078785657 0.114664701195139 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_063"

"SJ_063_3" 0.206050072050705 0.202732078785657 0.114664701195139 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_063"

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"SJ_065_2" 1.56421583433845 0.055656704007237 -0.0324106735832811 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_065"

"SJ_065_3" 0.0935897522273431 0.055656704007237 -0.0324106735832811 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_065"

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"SJ_066_2" 0.831110836677183 0.115000757104508 0.131174583409081 -0.0161738263045733 NA "08_Surface.Area.px2.RV" "SJ_066"

"SJ_066_3" 0.400375186126988 0.115000757104508 0.131174583409081 -0.0161738263045733 NA "08_Surface.Area.px2.RV" "SJ_066"

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"SJ_068_2" 0.264202901602058 0.200790895749745 0.112723518159226 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_068"

"SJ_068_3" 2.16736335368638 0.200790895749745 0.112723518159226 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_068"

"SJ_068_4" -0.531274998103036 0.200790895749745 0.112723518159226 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_068"

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"SJ_072_2" 0.302131667897127 0.03316212680509 -0.0549052507854283 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_072"

"SJ_072_3" 1.55164785888272 0.03316212680509 -0.0549052507854283 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_072"

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"SJ_075_4" -0.17183090069153 -0.083794102431651 0.0167556694239064 -0.100549771855557 NA "08_Surface.Area.px2.RV" "SJ_075"

"SJ_076_1" -0.38857082541694 -0.0424433167464863 -0.026269490441913 -0.0161738263045733 NA "08_Surface.Area.px2.RV" "SJ_076"

"SJ_076_2" 0.722593863281215 -0.0424433167464863 -0.026269490441913 -0.0161738263045733 NA "08_Surface.Area.px2.RV" "SJ_076"

"SJ_076_3" 0.0887297507093704 -0.0424433167464863 -0.026269490441913 -0.0161738263045733 NA "08_Surface.Area.px2.RV" "SJ_076"

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"SJ_077_2" 0.451160184195578 -0.0133191195503996 0.0127366390129445 -0.0260557585633442 NA "08_Surface.Area.px2.RV" "SJ_077"

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"SJ_078_2" 0.160534399471352 0.0254203560532197 -0.039192314850818 0.0646126709040379 NA "08_Surface.Area.px2.RV" "SJ_078"

"SJ_078_3" 0.153189628494012 0.0254203560532197 -0.039192314850818 0.0646126709040379 NA "08_Surface.Area.px2.RV" "SJ_078"

"SJ_078_4" -0.988143966424252 0.0254203560532197 -0.039192314850818 0.0646126709040379 NA "08_Surface.Area.px2.RV" "SJ_078"

"SJ_079_1" 0.116315880322063 -0.154610886196653 -0.0540611143410955 -0.100549771855557 NA "08_Surface.Area.px2.RV" "SJ_079"

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"SJ_079_3" 1.20933771637839 -0.154610886196653 -0.0540611143410955 -0.100549771855557 NA "08_Surface.Area.px2.RV" "SJ_079"

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"SJ_080_2" 0.831923719493356 0.0873770607209883 0.078555426464274 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_080"

"SJ_080_3" 1.25191893964262 0.0873770607209883 0.078555426464274 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_080"

"SJ_081_1" -1.44609677850037 -0.0705180070144016 -0.0793395250889623 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_081"

"SJ_081_2" -0.319562262937541 -0.0705180070144016 -0.0793395250889623 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_081"

"SJ_081_3" 0.476607451930254 -0.0705180070144016 -0.0793395250889623 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_081"

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"SJ_082_2" 0.316798149346382 0.0477337047631406 0.0389121866885796 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_082"

"SJ_082_3" 0.313961707179309 0.0477337047631406 0.0389121866885796 0.00882151807456083 NA "08_Surface.Area.px2.RV" "SJ_082"

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"SJ_083_2" 0.652432275530648 0.104472656056844 -0.0576317736220988 0.162104429678943 NA "08_Surface.Area.px2.RV" "SJ_083"

"SJ_083_3" 0.363645566113934 0.104472656056844 -0.0576317736220988 0.162104429678943 NA "08_Surface.Area.px2.RV" "SJ_083"

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"SJ_085_3" -1.07725552450646 -0.259918508099754 -0.0642395549382773 -0.195678953161476 NA "08_Surface.Area.px2.RV" "SJ_085"

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"SJ_088_3" 0.971266823513998 0.0358818091582284 -0.0521855684322897 0.0880673775905181 NA "08_Surface.Area.px2.RV" "SJ_088"

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"SJ_089_2" -0.906135044012434 -0.444581577471965 -0.0837401815508936 -0.360841395921072 NA "08_Surface.Area.px2.RV" "SJ_089"

"SJ_089_3" 0.481473218574583 -0.444581577471965 -0.0837401815508936 -0.360841395921072 NA "08_Surface.Area.px2.RV" "SJ_089"

"SJ_090_1" -1.86354957792671 -0.452393643521215 -0.152473486464648 -0.299920157056568 NA "08_Surface.Area.px2.RV" "SJ_090"

"SJ_090_2" -1.27198419742766 -0.452393643521215 -0.152473486464648 -0.299920157056568 NA "08_Surface.Area.px2.RV" "SJ_090"

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"SJ_092_1" 0.0844808525851166 0 0 0 NA "08_Surface.Area.px2.RV" "SJ_092"

"SJ_092_2" 2.00364529543325 0 0 0 NA "08_Surface.Area.px2.RV" "SJ_092"

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"SJ_094_2" -1.19870367631858 -0.948282218150664 -0.752603264989188 -0.195678953161476 NA "08_Surface.Area.px2.RV" "SJ_094"

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"SJ_099_3" 0.833878097327986 0.387030075729869 0.0944622269033141 0.292567848826555 NA "08_Surface.Area.px2.RV" "SJ_099"

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"SJ_100_3" 1.7208427871739 0.330714992762036 0.0381471439354815 0.292567848826555 NA "08_Surface.Area.px2.RV" "SJ_100"

