| PFAS | Potential confounders | Factors | Coefficients | SE | P | Adjusted P | R-Squared | AdP<0.05 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| pf\_do\_a\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.00666942172 | 0.0056039695 | 0.23478386028671305 | 0.8363494222818929 | 0.00392988905 |  |
| pf\_do\_a\_scld | bmi | bmi | -0.02691555479 | 0.0076926413 | 0.00053014713321087 | 0.0339294165254954 | 0.03515397553 | \* |
| pf\_do\_a\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00088518107 | 0.0006758031 | 0.19110820055049224 | 0.8363494222818929 | 0.00483663711 |  |
| pf\_do\_a\_scld | sex | sexMale | -0.02359390772 | 0.1078415566 | 0.82693773382376023 | 0.9719209369732041 | 0.00012728708 |  |
| pf\_do\_a\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.06086368697 | 0.2555347904 | 0.81187103175202535 | 0.9719209369732041 | 0.01300609138 |  |
| pf\_do\_a\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.28356857907 | 0.3491793750 | 0.41725220517750161 | 0.9665992631092636 | 0.01300609138 |  |
| pf\_do\_a\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.17080174030 | 0.2449429802 | 0.48604179615837562 | 0.9665992631092636 | 0.01300609138 |  |
| pf\_do\_a\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.23994111834 | 0.3062505710 | 0.43384263785675281 | 0.9665992631092636 | 0.01300609138 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.02439663714 | 0.8663991440 | 0.97755083295630540 | 0.9817914639757467 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelAsian | 0.46922738071 | 0.9132648859 | 0.60770556304172074 | 0.9665992631092636 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | 1.22493037603 | 0.8168489465 | 0.13457827921876808 | 0.7177508225000964 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelBlack | 0.35502635504 | 0.7138139873 | 0.61922765292937199 | 0.9665992631092636 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelMore than one race | 0.31117184194 | 1.2252734198 | 0.79966702582137161 | 0.9719209369732041 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelOther | 0.38628332492 | 0.7640922237 | 0.61347764415312345 | 0.9665992631092636 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.07780853879 | 0.8021297419 | 0.92277712385070965 | 0.9817914639757467 | 0.02037517635 |  |
| pf\_do\_a\_scld | race\_final\_label | race\_final\_labelWhite | 0.46259942334 | 0.7104415541 | 0.51535911876491192 | 0.9665992631092636 | 0.02037517635 |  |
| pf\_do\_a\_scld | ethnicity | ethnicityNot Hispanic | 0.14262137861 | 0.2414026362 | 0.55500838863838109 | 0.9665992631092636 | 0.00996569620 |  |
| pf\_do\_a\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.23994111834 | 0.3059028860 | 0.43331808561261076 | 0.9665992631092636 | 0.00996569620 |  |
| pf\_do\_a\_scld | rural | ruralLiving in rural area | -0.13286357000 | 0.1862432249 | 0.47604978557855959 | 0.9665992631092636 | 0.00138362470 |  |
| pf\_do\_a\_scld | rural | ruralUnknown/Not Reported | 0.00406386978 | 0.1632814657 | 0.98015694799679176 | 0.9817914639757467 | 0.00138362470 |  |
| pf\_do\_a\_scld | smoking | smokingSmoke or use vape | -0.33925333501 | 0.1804656583 | 0.06089981157603477 | 0.3897587940866225 | 0.01206915711 |  |
| pf\_do\_a\_scld | smoking | smokingUnknown/Not Reported | -0.16043150025 | 0.1164496715 | 0.16912075431887635 | 0.8325944828006221 | 0.01206915711 |  |
| pf\_do\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.03369684146 | 0.1553909181 | 0.82844187593955976 | 0.9719209369732041 | 0.02566693492 |  |
| pf\_do\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.00559219548 | 0.1475486596 | 0.96978708763518362 | 0.9817914639757467 | 0.02566693492 |  |
| pf\_do\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.34429367279 | 0.1472603701 | 0.01991411202939413 | 0.3347994865264486 | 0.02566693492 |  |
| pf\_do\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.14034451125 | 0.4670256275 | 0.76395736357011368 | 0.9719209369732041 | 0.02630219482 |  |
| pf\_do\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.14649866148 | 0.2573185881 | 0.56947537328376996 | 0.9665992631092636 | 0.02630219482 |  |
| pf\_do\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.23094545067 | 0.2411709970 | 0.33888288049598503 | 0.9665992631092636 | 0.02630219482 |  |
| pf\_do\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.14105158765 | 0.1135487301 | 0.21493465638586645 | 0.8363494222818929 | 0.00441715933 |  |
| pf\_do\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.04210692449 | 0.2508224343 | 0.86677177612829825 | 0.9817914639757467 | 0.00441715933 |  |
| pf\_do\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.09979353088 | 0.1134826988 | 0.37976264387495307 | 0.9665992631092636 | 0.01163710789 |  |
| pf\_do\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.42840676793 | 0.2433279416 | 0.07911871955041586 | 0.4603270955660559 | 0.01163710789 |  |
| pf\_do\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | -0.24174331541 | 0.3804290635 | 0.52552310304422201 | 0.9665992631092636 | 0.01115141599 |  |
| pf\_do\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.74300215321 | 0.6249384791 | 0.23522327501678239 | 0.8363494222818929 | 0.01115141599 |  |
| pf\_do\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.21852365905 | 0.3377093683 | 0.51797858027497301 | 0.9665992631092636 | 0.00339029426 |  |
| pf\_do\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | 0.71454274816 | 1.0551066073 | 0.49868186690490035 | 0.9665992631092636 | 0.00339029426 |  |
| pf\_do\_a\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | 0.01168605994 | 0.1123518452 | 0.91721458430984049 | 0.9817914639757467 | 0.00187821934 |  |
| pf\_do\_a\_scld | sq\_water\_well | sq\_water\_wellYes | 0.12608602047 | 0.1533769897 | 0.41156166219780010 | 0.9665992631092636 | 0.00187821934 |  |
| pf\_do\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.09220049374 | 0.1404236535 | 0.51184853848187739 | 0.9665992631092636 | 0.00124897184 |  |
| pf\_do\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.07543539858 | 0.1336463231 | 0.57279182355582148 | 0.9665992631092636 | 0.00124897184 |  |
| pf\_do\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.01192867507 | 0.1092352326 | 0.91310090818639877 | 0.9817914639757467 | 0.00134012634 |  |
| pf\_do\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.12977075568 | 0.1839401056 | 0.48093371950682218 | 0.9665992631092636 | 0.00134012634 |  |
| pf\_do\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.02728505772 | 0.1213286133 | 0.82219076468470564 | 0.9719209369732041 | 0.00130376026 |  |
| pf\_do\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.09022857915 | 0.1308096420 | 0.49076539977288947 | 0.9665992631092636 | 0.00130376026 |  |
| pf\_do\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | 0.03682718974 | 0.1117249956 | 0.74186846476577573 | 0.9719209369732041 | 0.00035779013 |  |
| pf\_do\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.04040313633 | 0.1568683716 | 0.79688719547918652 | 0.9719209369732041 | 0.00035779013 |  |
| pf\_do\_a\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.17773609857 | 0.1408965278 | 0.20792533592251639 | 0.8363494222818929 | 0.01082869129 |  |
| pf\_do\_a\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.27538320757 | 0.1359937008 | 0.04357849187013037 | 0.3347994865264486 | 0.01082869129 |  |
| pf\_do\_a\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | 0.02229770786 | 0.1071362656 | 0.83524455521134733 | 0.9719209369732041 | 0.00098736972 |  |
| pf\_do\_a\_scld | sq\_water\_none | sq\_water\_noneYes | -0.12918736057 | 0.2461285846 | 0.59997849432490002 | 0.9665992631092636 | 0.00098736972 |  |
| pf\_do\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.06032328779 | 0.1085959550 | 0.57889504928244273 | 0.9665992631092636 | 0.00173620331 |  |
| pf\_do\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.09236555500 | 0.2050407445 | 0.65262891764171804 | 0.9719209369732041 | 0.00173620331 |  |
| pf\_do\_a\_scld | source\_DUKE | source\_DUKEEmory | -0.00341597575 | 0.1495724659 | 0.98179146397574668 | 0.9817914639757467 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_DUKE | source\_DUKENCSU | 0.04160471591 | 0.1304870068 | 0.75002444855673600 | 0.9719209369732041 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_DUKE | source\_DUKEUNC | -0.51541967918 | 0.2584734759 | 0.04686775249284440 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_Emory | source\_EmoryDUKE | 0.00341597575 | 0.1495724659 | 0.98179146397574657 | 0.9817914639757467 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_Emory | source\_EmoryNCSU | 0.04502069166 | 0.1275646863 | 0.72434393181777690 | 0.9719209369732041 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_Emory | source\_EmoryUNC | -0.51200370343 | 0.2570105601 | 0.04708117779278184 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_NCSU | source\_NCSUDUKE | -0.04160471591 | 0.1304870068 | 0.75002444855673400 | 0.9719209369732041 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_NCSU | source\_NCSUEmory | -0.04502069166 | 0.1275646863 | 0.72434393181777990 | 0.9719209369732041 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_NCSU | source\_NCSUUNC | -0.55702439509 | 0.2463927036 | 0.02435089305826987 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_UNC | source\_UNCDUKE | 0.51541967918 | 0.2584734759 | 0.04686775249284494 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_UNC | source\_UNCEmory | 0.51200370343 | 0.2570105601 | 0.04708117779278120 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_do\_a\_scld | source\_UNC | source\_UNCNCSU | 0.55702439509 | 0.2463927036 | 0.02435089305827016 | 0.3347994865264486 | 0.01349376310 |  |
| pf\_hp\_a\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.00610856935 | 0.0055307635 | 0.27012846280853531 | 0.7203425674894275 | 0.00338642292 |  |
| pf\_hp\_a\_scld | bmi | bmi | -0.00353210464 | 0.0074606468 | 0.63621285405847949 | 0.8975259331890691 | 0.00066663065 |  |
| pf\_hp\_a\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00037474559 | 0.0006731862 | 0.57810255513241993 | 0.8809181792494017 | 0.00087709557 |  |
| pf\_hp\_a\_scld | sex | sexMale | 0.04753972206 | 0.1078205507 | 0.65952777755572933 | 0.8975259331890691 | 0.00051677066 |  |
| pf\_hp\_a\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.29217269122 | 0.2512308959 | 0.24558725047749871 | 0.6961244009149922 | 0.04597337940 |  |
| pf\_hp\_a\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.25904064681 | 0.3432982532 | 0.45098650537993790 | 0.8344694455863866 | 0.04597337940 |  |
| pf\_hp\_a\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.19739330324 | 0.2408174802 | 0.41292192888074941 | 0.8344694455863866 | 0.04597337940 |  |
| pf\_hp\_a\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.00442983508 | 0.3010924860 | 0.98826938151728350 | 0.9952597894895486 | 0.04597337940 |  |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -3.74111653613 | 0.8208919812 | 0.00000705230767664 | 0.0001128369228262 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelAsian | -3.20397889744 | 0.8652961245 | 0.00024583738665501 | 0.0022476561065600 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -3.19141427431 | 0.7739443820 | 0.00004612018765817 | 0.0004919486683538 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelBlack | -3.51845961489 | 0.6763212802 | 0.00000032709059047 | 0.0000209337977901 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelMore than one race | -2.84588713831 | 1.1609165730 | 0.01469258987701743 | 0.0783604793440930 | 0.12058113202 |  |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelOther | -3.53222967664 | 0.7239586785 | 0.00000158856946496 | 0.0000508342228786 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -3.63207355685 | 0.7599982959 | 0.00000254722365721 | 0.0000543407713538 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | race\_final\_label | race\_final\_labelWhite | -2.99035334157 | 0.6731259823 | 0.00001177078990472 | 0.0001506661107805 | 0.12058113202 | \* |
| pf\_hp\_a\_scld | ethnicity | ethnicityNot Hispanic | 0.05211948502 | 0.2425770232 | 0.82999524103981692 | 0.9329313608210306 | 0.00030953323 |  |
| pf\_hp\_a\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.00442983508 | 0.3073910570 | 0.98850968884498225 | 0.9952597894895486 | 0.00030953323 |  |
| pf\_hp\_a\_scld | rural | ruralLiving in rural area | 0.03981842586 | 0.1863228485 | 0.83089199323123042 | 0.9329313608210306 | 0.00052957578 |  |
| pf\_hp\_a\_scld | rural | ruralUnknown/Not Reported | 0.06732367912 | 0.1633512726 | 0.68047191960674125 | 0.8975259331890691 | 0.00052957578 |  |
| pf\_hp\_a\_scld | smoking | smokingSmoke or use vape | -0.25860857221 | 0.1810712357 | 0.15406242068696158 | 0.5189471012613442 | 0.00542775707 |  |
| pf\_hp\_a\_scld | smoking | smokingUnknown/Not Reported | -0.04266261101 | 0.1168404344 | 0.71521597801003944 | 0.8975259331890691 | 0.00542775707 |  |
| pf\_hp\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.13586280492 | 0.1572627960 | 0.38818440115655539 | 0.8344694455863866 | 0.00205142645 |  |
| pf\_hp\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | -0.08776318879 | 0.1493260678 | 0.55706921254906316 | 0.8695714537351230 | 0.00205142645 |  |
| pf\_hp\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | -0.07025986907 | 0.1490343054 | 0.63760558187984895 | 0.8975259331890691 | 0.00205142645 |  |
| pf\_hp\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.78947715316 | 0.4680706897 | 0.09250220099545457 | 0.3946760575806062 | 0.02193963636 |  |
| pf\_hp\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.34358261099 | 0.2578943894 | 0.18358567488179334 | 0.5874741596217387 | 0.02193963636 |  |
| pf\_hp\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.23066305919 | 0.2417106648 | 0.34055117438219618 | 0.7784026843021626 | 0.02193963636 |  |
| pf\_hp\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.00524517482 | 0.1137408248 | 0.96324302106208015 | 0.9952597894895486 | 0.00104577873 |  |
| pf\_hp\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | -0.15705182864 | 0.2512467602 | 0.53229219046349652 | 0.8695714537351230 | 0.00104577873 |  |
| pf\_hp\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | 0.07666664632 | 0.1139399111 | 0.50144498984545860 | 0.8445389302660354 | 0.00365700207 |  |
| pf\_hp\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.25616463159 | 0.2443082895 | 0.29506967023341613 | 0.7248864974107614 | 0.00365700207 |  |
| pf\_hp\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.14236624332 | 0.3824935767 | 0.70995004114878091 | 0.8975259331890691 | 0.00038972346 |  |
| pf\_hp\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.09558088307 | 0.6283298964 | 0.87917492730682845 | 0.9377865891272836 | 0.00038972346 |  |
| pf\_hp\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.10616093523 | 0.3382334652 | 0.75379520356562613 | 0.9251060067600140 | 0.00029458321 |  |
| pf\_hp\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.00628231156 | 1.0567440450 | 0.99525978948954863 | 0.9952597894895486 | 0.00029458321 |  |
| pf\_hp\_a\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.07901703786 | 0.1123832567 | 0.48242764822962969 | 0.8344694455863866 | 0.00132002685 |  |
| pf\_hp\_a\_scld | sq\_water\_well | sq\_water\_wellYes | -0.02984035320 | 0.1534198712 | 0.84588876056705242 | 0.9333944944188165 | 0.00132002685 |  |
| pf\_hp\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | 0.03916307547 | 0.1404742139 | 0.78055819320376185 | 0.9251060067600140 | 0.00052962829 |  |
| pf\_hp\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.05959691935 | 0.1336944433 | 0.65602092727267491 | 0.8975259331890691 | 0.00052962829 |  |
| pf\_hp\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.06483291389 | 0.1092328989 | 0.55318487403520389 | 0.8695714537351230 | 0.00138279761 |  |
| pf\_hp\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.04468035213 | 0.1839361758 | 0.80820617839498143 | 0.9329313608210306 | 0.00138279761 |  |
| pf\_hp\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | 0.04534724923 | 0.1211792386 | 0.70845488436320547 | 0.8975259331890691 | 0.00376135167 |  |
| pf\_hp\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.15306167211 | 0.1306485947 | 0.24212063939652043 | 0.6961244009149922 | 0.00376135167 |  |
| pf\_hp\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.08703304619 | 0.1115953656 | 0.43594263519054810 | 0.8344694455863866 | 0.00267613287 |  |
| pf\_hp\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.13294540628 | 0.1566863636 | 0.39671140672906335 | 0.8344694455863866 | 0.00267613287 |  |
| pf\_hp\_a\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.16259904098 | 0.1411792593 | 0.25016970657882531 | 0.6961244009149922 | 0.00685484669 |  |
| pf\_hp\_a\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.21830266548 | 0.1362665939 | 0.10999177430940106 | 0.4399670972376042 | 0.00685484669 |  |
| pf\_hp\_a\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.05212974655 | 0.1071457102 | 0.62687470346804519 | 0.8975259331890691 | 0.00081122510 |  |
| pf\_hp\_a\_scld | sq\_water\_none | sq\_water\_noneYes | 0.04128376170 | 0.2461502822 | 0.86689577335487455 | 0.9377865891272836 | 0.00081122510 |  |
| pf\_hp\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.08433147055 | 0.1085706380 | 0.43780014503922282 | 0.8344694455863866 | 0.00220160029 |  |
| pf\_hp\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.05985138573 | 0.2049929433 | 0.77047252115801956 | 0.9251060067600140 | 0.00220160029 |  |
| pf\_hp\_a\_scld | source\_DUKE | source\_DUKEEmory | -0.10434243584 | 0.1480619670 | 0.48142224323954275 | 0.8344694455863866 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_DUKE | source\_DUKENCSU | -0.35751313845 | 0.1291692477 | 0.00592445928511623 | 0.0421294882497154 | 0.03331816491 | \* |
| pf\_hp\_a\_scld | source\_DUKE | source\_DUKEUNC | 0.26237612069 | 0.2558632102 | 0.30581149109516204 | 0.7248864974107614 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_Emory | source\_EmoryDUKE | 0.10434243584 | 0.1480619670 | 0.48142224323953187 | 0.8344694455863866 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_Emory | source\_EmoryNCSU | -0.25317070261 | 0.1262764391 | 0.04569477728082912 | 0.2088904104266478 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_Emory | source\_EmoryUNC | 0.36671855653 | 0.2544150680 | 0.15030326977519787 | 0.5189471012613442 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_NCSU | source\_NCSUDUKE | 0.35751313845 | 0.1291692477 | 0.00592445928511600 | 0.0421294882497154 | 0.03331816491 | \* |
| pf\_hp\_a\_scld | source\_NCSU | source\_NCSUEmory | 0.25317070261 | 0.1262764391 | 0.04569477728082921 | 0.2088904104266478 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_NCSU | source\_NCSUUNC | 0.61988925914 | 0.2439044389 | 0.01143996589455472 | 0.0665598015683184 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_UNC | source\_UNCDUKE | -0.26237612069 | 0.2558632102 | 0.30581149109516498 | 0.7248864974107614 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_UNC | source\_UNCEmory | -0.36671855653 | 0.2544150680 | 0.15030326977519665 | 0.5189471012613442 | 0.03331816491 |  |
| pf\_hp\_a\_scld | source\_UNC | source\_UNCNCSU | -0.61988925914 | 0.2439044389 | 0.01143996589455472 | 0.0665598015683184 | 0.03331816491 |  |
| pf\_hp\_s\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.03647003290 | 0.0052091223 | 0.00000000001254972 | 0.0000000008031823 | 0.12013384287 | \* |
| pf\_hp\_s\_scld | bmi | bmi | -0.00498536122 | 0.0073462229 | 0.49783998070122160 | 0.9664462594882171 | 0.00136877143 |  |
| pf\_hp\_s\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | 0.00035106604 | 0.0006595736 | 0.59487932766741591 | 0.9664462594882171 | 0.00080191431 |  |
| pf\_hp\_s\_scld | sex | sexMale | 0.30350051034 | 0.1067066148 | 0.00469493718683770 | 0.0579652213404180 | 0.02106218517 |  |
| pf\_hp\_s\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.17144822696 | 0.2551165248 | 0.50197497862570550 | 0.9664462594882171 | 0.01623451881 |  |
| pf\_hp\_s\_scld | race\_eth\_label | race\_eth\_labelNHO | -0.08286614721 | 0.3486078296 | 0.81223970154000491 | 0.9739444751231471 | 0.01623451881 |  |
| pf\_hp\_s\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.35914307931 | 0.2445420515 | 0.14277455985685836 | 0.6091714553892623 | 0.01623451881 |  |
| pf\_hp\_s\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.17094081549 | 0.3057492925 | 0.57643705503039200 | 0.9664462594882171 | 0.01623451881 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.40392368020 | 0.8675879155 | 0.64179734342547934 | 0.9664462594882171 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelAsian | 0.29269830838 | 0.9145179611 | 0.74910590951766687 | 0.9664462594882171 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.01951322056 | 0.8179697311 | 0.98098062495082550 | 0.9809806249508255 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelBlack | 0.18809779272 | 0.7147933993 | 0.79258193777671015 | 0.9739444751231471 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelMore than one race | 1.36397411707 | 1.2269545966 | 0.26700190630079018 | 0.8137200953928844 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelOther | 0.10146874691 | 0.7651406216 | 0.89457054316608331 | 0.9739444751231471 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | 0.08362808811 | 0.8032303305 | 0.91713488687153677 | 0.9739444751231471 | 0.01768507901 |  |
| pf\_hp\_s\_scld | race\_final\_label | race\_final\_labelWhite | 0.35595703100 | 0.7114163388 | 0.61712705883965502 | 0.9664462594882171 | 0.01768507901 |  |
| pf\_hp\_s\_scld | ethnicity | ethnicityNot Hispanic | 0.28253434133 | 0.2421018142 | 0.24394937568137418 | 0.7806380021803974 | 0.00422248887 |  |
| pf\_hp\_s\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.17094081549 | 0.3067888771 | 0.57772753504935903 | 0.9664462594882171 | 0.00422248887 |  |
| pf\_hp\_s\_scld | rural | ruralLiving in rural area | -0.15330859096 | 0.1861902019 | 0.41080517756177970 | 0.9664462594882171 | 0.00195215121 |  |
| pf\_hp\_s\_scld | rural | ruralUnknown/Not Reported | -0.05287271038 | 0.1632349799 | 0.74619014229260427 | 0.9664462594882171 | 0.00195215121 |  |
| pf\_hp\_s\_scld | smoking | smokingSmoke or use vape | -0.59743152776 | 0.1788867452 | 0.00092276549007707 | 0.0295284956824662 | 0.02928055694 | \* |
| pf\_hp\_s\_scld | smoking | smokingUnknown/Not Reported | -0.12179225914 | 0.1154308410 | 0.29205421769068646 | 0.8496122696456333 | 0.02928055694 |  |
| pf\_hp\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.06535445769 | 0.1565648928 | 0.67660542380994315 | 0.9664462594882171 | 0.01088919501 |  |
| pf\_hp\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.07710499303 | 0.1486633863 | 0.60430814852217551 | 0.9664462594882171 | 0.01088919501 |  |
| pf\_hp\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.27342311856 | 0.1483729187 | 0.06614796568319389 | 0.3416780842513902 | 0.01088919501 |  |
| pf\_hp\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.04780739037 | 0.4708768902 | 0.91918540025397011 | 0.9739444751231471 | 0.01017705069 |  |
| pf\_hp\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.01595902681 | 0.2594405305 | 0.95098333148844783 | 0.9739444751231471 | 0.01017705069 |  |
| pf\_hp\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.23204875418 | 0.2431597805 | 0.34054532910540747 | 0.8717960425098431 | 0.01017705069 |  |
| pf\_hp\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.02247278890 | 0.1137365701 | 0.84347580470059136 | 0.9739444751231471 | 0.00112051368 |  |
| pf\_hp\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.14660302112 | 0.2512373618 | 0.55989141502025297 | 0.9664462594882171 | 0.00112051368 |  |
| pf\_hp\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.02853443225 | 0.1141360249 | 0.80272136125276106 | 0.9739444751231471 | 0.00022423186 |  |
| pf\_hp\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.02671288685 | 0.2447287939 | 0.91313950657492171 | 0.9739444751231471 | 0.00022423186 |  |
| pf\_hp\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.30269349191 | 0.3817767865 | 0.42836384684072104 | 0.9664462594882171 | 0.00413273777 |  |
| pf\_hp\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.78143889628 | 0.6271524108 | 0.21353816457676289 | 0.7192864491006750 | 0.00413273777 |  |
| pf\_hp\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.10559143425 | 0.3381803122 | 0.75503614022516952 | 0.9664462594882171 | 0.00060876360 |  |
| pf\_hp\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.46625437338 | 1.0565779789 | 0.65925938965952646 | 0.9664462594882171 | 0.00060876360 |  |
| pf\_hp\_s\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.06777253946 | 0.1122912153 | 0.54651262733604811 | 0.9664462594882171 | 0.00295518661 |  |
| pf\_hp\_s\_scld | sq\_water\_well | sq\_water\_wellYes | -0.15540013737 | 0.1532942210 | 0.31136152736212841 | 0.8663972935294008 | 0.00295518661 |  |
| pf\_hp\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.00727570282 | 0.1404949008 | 0.95872659269934801 | 0.9739444751231471 | 0.00023523443 |  |
| pf\_hp\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.02603227415 | 0.1337141317 | 0.84574417416999270 | 0.9739444751231471 | 0.00023523443 |  |
| pf\_hp\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.03605705995 | 0.1092926376 | 0.74164992928474538 | 0.9664462594882171 | 0.00029022524 |  |
| pf\_hp\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.01642026493 | 0.1840367692 | 0.92895252444544685 | 0.9739444751231471 | 0.00029022524 |  |
| pf\_hp\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.07838889488 | 0.1212524696 | 0.51835547757238953 | 0.9664462594882171 | 0.00255689486 |  |
| pf\_hp\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.12496215620 | 0.1307275482 | 0.33973975540600310 | 0.8717960425098431 | 0.00255689486 |  |
| pf\_hp\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.04281037697 | 0.1117102651 | 0.70176869616976578 | 0.9664462594882171 | 0.00062137021 |  |
| pf\_hp\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.02425610311 | 0.1568476891 | 0.87718241871528879 | 0.9739444751231471 | 0.00062137021 |  |
| pf\_hp\_s\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.34343405338 | 0.1397124054 | 0.01441692733043675 | 0.1318119070211360 | 0.02738520981 |  |
| pf\_hp\_s\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.43313180106 | 0.1348507827 | 0.00143238137611300 | 0.0305574693570773 | 0.02738520981 | \* |
| pf\_hp\_s\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.03958620288 | 0.1069442622 | 0.71147423698221934 | 0.9664462594882171 | 0.00456490551 |  |
| pf\_hp\_s\_scld | sq\_water\_none | sq\_water\_noneYes | -0.32045363493 | 0.2456874873 | 0.19292650115117382 | 0.7097036341046633 | 0.00456490551 |  |
| pf\_hp\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.04449232868 | 0.1085866516 | 0.68223041086397185 | 0.9664462594882171 | 0.00190723712 |  |
| pf\_hp\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.16656898382 | 0.2050231788 | 0.41705478475211033 | 0.9664462594882171 | 0.00190723712 |  |
| pf\_hp\_s\_scld | source\_DUKE | source\_DUKEEmory | -0.06168004872 | 0.1486590769 | 0.67844612713381425 | 0.9664462594882171 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_DUKE | source\_DUKENCSU | 0.16664568371 | 0.1296901663 | 0.19960414709193655 | 0.7097036341046633 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_DUKE | source\_DUKEUNC | -0.51816138860 | 0.2568950649 | 0.04440795071529140 | 0.3157898717531915 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_Emory | source\_EmoryDUKE | 0.06168004872 | 0.1486590769 | 0.67844612713381902 | 0.9664462594882171 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_Emory | source\_EmoryNCSU | 0.22832573243 | 0.1267856915 | 0.07252736028874485 | 0.3416780842513902 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_Emory | source\_EmoryUNC | -0.45648133987 | 0.2554410826 | 0.07474208092999160 | 0.3416780842513902 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_NCSU | source\_NCSUDUKE | -0.16664568371 | 0.1296901663 | 0.19960414709193436 | 0.7097036341046633 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_NCSU | source\_NCSUEmory | -0.22832573243 | 0.1267856915 | 0.07252736028874637 | 0.3416780842513902 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_NCSU | source\_NCSUUNC | -0.68480707231 | 0.2448880659 | 0.00543423950066414 | 0.0579652213404180 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_UNC | source\_UNCDUKE | 0.51816138860 | 0.2568950649 | 0.04440795071529256 | 0.3157898717531915 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_UNC | source\_UNCEmory | 0.45648133987 | 0.2554410826 | 0.07474208092999121 | 0.3416780842513902 | 0.02550550139 |  |
| pf\_hp\_s\_scld | source\_UNC | source\_UNCNCSU | 0.68480707231 | 0.2448880659 | 0.00543423950066419 | 0.0579652213404180 | 0.02550550139 |  |
| pf\_hx\_a\_scld | age\_at\_enrollment | age\_at\_enrollment | -0.00767217344 | 0.0055499450 | 0.16771220778328327 | 0.3462445580041977 | 0.00529491942 |  |
| pf\_hx\_a\_scld | bmi | bmi | 0.00258183929 | 0.0077135567 | 0.73804930867047069 | 0.8005958602527140 | 0.00033332278 |  |
| pf\_hx\_a\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00082944038 | 0.0006658466 | 0.21370329383697809 | 0.4274065876739562 | 0.00437665591 |  |
| pf\_hx\_a\_scld | sex | sexMale | -0.15256425529 | 0.1075610431 | 0.15690319949754505 | 0.3462445580041977 | 0.00532218740 |  |
| pf\_hx\_a\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.09961913738 | 0.2568307816 | 0.69832721067772541 | 0.8005958602527140 | 0.00296926566 |  |
| pf\_hx\_a\_scld | race\_eth\_label | race\_eth\_labelNHO | -0.28068732935 | 0.3509503017 | 0.42434022335421961 | 0.6971330419103950 | 0.00296926566 |  |
| pf\_hx\_a\_scld | race\_eth\_label | race\_eth\_labelNHW | -0.15502571296 | 0.2461852531 | 0.52926880834615642 | 0.7499924546999913 | 0.00296926566 |  |
| pf\_hx\_a\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.24017983164 | 0.3078037765 | 0.43570815119399686 | 0.6971330419103950 | 0.00296926566 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.48864162221 | 0.8659647338 | 0.57291029972928298 | 0.7499924546999913 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelAsian | -0.27719154291 | 0.9128069774 | 0.76155092783085554 | 0.8123209896862459 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.92085707504 | 0.8164393807 | 0.26009751774370732 | 0.5044315495635536 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelBlack | -0.30600425334 | 0.7134560829 | 0.66824328552183765 | 0.8005958602527140 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelMore than one race | 1.79118045382 | 1.2246590711 | 0.14442936140576657 | 0.3423510788877430 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelOther | -0.49575470930 | 0.7637091100 | 0.51665122235020544 | 0.7499924546999913 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.04058541696 | 0.8017275563 | 0.95965376019555038 | 0.9596537601955504 | 0.02135729243 |  |
| pf\_hx\_a\_scld | race\_final\_label | race\_final\_labelWhite | -0.36314576107 | 0.7100853406 | 0.60936886944374291 | 0.7499924546999913 | 0.02135729243 |  |
| pf\_hx\_a\_scld | ethnicity | ethnicityNot Hispanic | -0.14391451569 | 0.2424170154 | 0.55309406174542874 | 0.7499924546999913 | 0.00162792304 |  |
| pf\_hx\_a\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.24017983164 | 0.3071882967 | 0.43478718661802029 | 0.6971330419103950 | 0.00162792304 |  |
| pf\_hx\_a\_scld | rural | ruralLiving in rural area | -0.03072806294 | 0.1858656632 | 0.86877802201807885 | 0.9115048099861811 | 0.00542841218 |  |
| pf\_hx\_a\_scld | rural | ruralUnknown/Not Reported | 0.22724981485 | 0.1629504533 | 0.16396371383201136 | 0.3462445580041977 | 0.00542841218 |  |
| pf\_hx\_a\_scld | smoking | smokingSmoke or use vape | 0.38382346020 | 0.1778615463 | 0.03156290235866580 | 0.0841677396231088 | 0.04037504949 |  |
| pf\_hx\_a\_scld | smoking | smokingUnknown/Not Reported | 0.42443224230 | 0.1147693075 | 0.00024963802756887 | 0.0031953667528815 | 0.04037504949 | \* |
| pf\_hx\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.10651007576 | 0.1552010573 | 0.49296709044419162 | 0.7499924546999913 | 0.02804641240 |  |
| pf\_hx\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.40345669158 | 0.1473683807 | 0.00648183605379698 | 0.0276558338295338 | 0.02804641240 | \* |
| pf\_hx\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.02101135956 | 0.1470804434 | 0.88648064827629669 | 0.9150767982206933 | 0.02804641240 |  |
| pf\_hx\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.16876332331 | 0.4715163871 | 0.72060798593533426 | 0.8005958602527140 | 0.00748667208 |  |
| pf\_hx\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.10442762134 | 0.2597928761 | 0.68793945814008661 | 0.8005958602527140 | 0.00748667208 |  |
| pf\_hx\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | 0.24425372589 | 0.2434900153 | 0.31644356934698054 | 0.5806807932564843 | 0.00748667208 |  |
| pf\_hx\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | 0.33867951731 | 0.1121541562 | 0.00270288931958967 | 0.0144154097044782 | 0.02872192683 | \* |
| pf\_hx\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | -0.23822011787 | 0.2477419031 | 0.33688740607011625 | 0.5989109441246511 | 0.02872192683 |  |
| pf\_hx\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | 0.38630395960 | 0.1122650665 | 0.00064482875448686 | 0.0046782426880742 | 0.03273294493 | \* |
| pf\_hx\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.33973550067 | 0.2407171122 | 0.15897129077815536 | 0.3462445580041977 | 0.03273294493 |  |
| pf\_hx\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | -0.03979105231 | 0.3823628772 | 0.91717244608161719 | 0.9317307388765634 | 0.00107274772 |  |
| pf\_hx\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | -0.35438704003 | 0.6281151938 | 0.57295049357703465 | 0.7499924546999913 | 0.00107274772 |  |
| pf\_hx\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.17348130782 | 0.3380581521 | 0.60813457682162686 | 0.7499924546999913 | 0.00133064883 |  |
| pf\_hx\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | 0.65707774780 | 1.0561963137 | 0.53424295732899529 | 0.7499924546999913 | 0.00133064883 |  |
| pf\_hx\_a\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | 0.28458588928 | 0.1112517404 | 0.01091883956148439 | 0.0352150264726349 | 0.02132894923 | \* |
| pf\_hx\_a\_scld | sq\_water\_well | sq\_water\_wellYes | -0.05692071246 | 0.1518751831 | 0.70803138909271612 | 0.8005958602527140 | 0.02132894923 |  |
| pf\_hx\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | 0.37268296635 | 0.1390426816 | 0.00767897644492330 | 0.0307159057796932 | 0.02079646358 | \* |
| pf\_hx\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.13244034482 | 0.1323320017 | 0.31755980881213985 | 0.5806807932564843 | 0.02079646358 |  |
| pf\_hx\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | 0.27652632056 | 0.1082183842 | 0.01100469577269840 | 0.0352150264726349 | 0.01984623041 | \* |
| pf\_hx\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.06234680346 | 0.1822278447 | 0.73243980970183031 | 0.8005958602527140 | 0.01984623041 |  |
| pf\_hx\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | 0.33122239842 | 0.1201303546 | 0.00611511609349293 | 0.0276558338295338 | 0.02093288239 | \* |
| pf\_hx\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.09641517113 | 0.1295177473 | 0.45709065759293344 | 0.7135073679499448 | 0.02093288239 |  |
| pf\_hx\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | 0.28947527111 | 0.1104202005 | 0.00910866204875724 | 0.0323863539511369 | 0.02357035545 | \* |
| pf\_hx\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.08575238784 | 0.1550363636 | 0.58051667684539865 | 0.7499924546999913 | 0.02357035545 |  |
| pf\_hx\_a\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | 0.32964303863 | 0.1403114933 | 0.01932347445562221 | 0.0588905888171344 | 0.01902616747 |  |
| pf\_hx\_a\_scld | sq\_water\_bottled | sq\_water\_bottledYes | 0.06993004302 | 0.1354290239 | 0.60590779765292924 | 0.7499924546999913 | 0.01902616747 |  |
| pf\_hx\_a\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | 0.27947592083 | 0.1059188158 | 0.00867219569146533 | 0.0323863539511369 | 0.02356305335 | \* |
| pf\_hx\_a\_scld | sq\_water\_none | sq\_water\_noneYes | -0.22926941595 | 0.2433316869 | 0.34669199788674454 | 0.5996834558040987 | 0.02356305335 |  |
| pf\_hx\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | 0.33721476837 | 0.1066199578 | 0.00169010311525126 | 0.0098333272160073 | 0.03773423221 | \* |
| pf\_hx\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.56525519790 | 0.2013098511 | 0.00524748730281680 | 0.0258337836446365 | 0.03773423221 | \* |
| pf\_hx\_a\_scld | source\_DUKE | source\_DUKEEmory | -0.51882522422 | 0.1438738289 | 0.00035296753016783 | 0.0032271317043916 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_DUKE | source\_DUKENCSU | -0.24553194393 | 0.1255155164 | 0.05118696928403146 | 0.1259986936222313 | 0.08723257710 |  |
| pf\_hx\_a\_scld | source\_DUKE | source\_DUKEUNC | 0.84679894173 | 0.2486257643 | 0.00073097542001157 | 0.0046782426880742 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_Emory | source\_EmoryDUKE | 0.51882522422 | 0.1438738289 | 0.00035296753016782 | 0.0032271317043916 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_Emory | source\_EmoryNCSU | 0.27329328029 | 0.1227045349 | 0.02652537691163277 | 0.0738097444497615 | 0.08723257710 |  |
| pf\_hx\_a\_scld | source\_Emory | source\_EmoryUNC | 1.36562416595 | 0.2472185849 | 0.00000006218287011 | 0.0000019898518434 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_NCSU | source\_NCSUDUKE | 0.24553194393 | 0.1255155164 | 0.05118696928402961 | 0.1259986936222313 | 0.08723257710 |  |
| pf\_hx\_a\_scld | source\_NCSU | source\_NCSUEmory | -0.27329328029 | 0.1227045349 | 0.02652537691163304 | 0.0738097444497615 | 0.08723257710 |  |
| pf\_hx\_a\_scld | source\_NCSU | source\_NCSUUNC | 1.09233088566 | 0.2370052635 | 0.00000556272092771 | 0.0000890035348433 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_UNC | source\_UNCDUKE | -0.84679894173 | 0.2486257643 | 0.00073097542001160 | 0.0046782426880742 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_UNC | source\_UNCEmory | -1.36562416595 | 0.2472185849 | 0.00000006218287011 | 0.0000019898518434 | 0.08723257710 | \* |
| pf\_hx\_a\_scld | source\_UNC | source\_UNCNCSU | -1.09233088566 | 0.2370052635 | 0.00000556272092771 | 0.0000890035348433 | 0.08723257710 | \* |
| pf\_hx\_s\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.02303963456 | 0.0054381415 | 0.00002886969906048 | 0.0018476607398709 | 0.04761755639 | \* |
| pf\_hx\_s\_scld | bmi | bmi | -0.01294812141 | 0.0077596332 | 0.09611802745084295 | 0.4064209122937210 | 0.00821878730 |  |
| pf\_hx\_s\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | 0.00006026119 | 0.0006752609 | 0.92894071463283046 | 0.9608372092590228 | 0.00002256045 |  |
| pf\_hx\_s\_scld | sex | sexMale | 0.18719769132 | 0.1074154665 | 0.08219582251875361 | 0.3987460048991915 | 0.00801282305 |  |
| pf\_hx\_s\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.05078849200 | 0.2551613436 | 0.84233629638900953 | 0.9608372092590228 | 0.01588883363 |  |
| pf\_hx\_s\_scld | race\_eth\_label | race\_eth\_labelNHO | -0.11510427163 | 0.3486690728 | 0.74149107535181924 | 0.9304986043630673 | 0.01588883363 |  |
| pf\_hx\_s\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.27422981845 | 0.2445850125 | 0.26292213105598811 | 0.6009648709851156 | 0.01588883363 |  |
| pf\_hx\_s\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.03888580877 | 0.3058030064 | 0.89888254812528012 | 0.9608372092590228 | 0.01588883363 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.44224235678 | 0.8689158182 | 0.61108528733528333 | 0.8407449953439641 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelAsian | 0.03130170675 | 0.9159176935 | 0.97275588951682024 | 0.9848179148821044 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.28256135278 | 0.8192216898 | 0.73035523986355844 | 0.9304986043630673 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelBlack | -0.08447423132 | 0.7158874396 | 0.90613240097546677 | 0.9608372092590228 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelMore than one race | -0.13895419819 | 1.2288325347 | 0.91003003347049694 | 0.9608372092590228 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelOther | -0.16798230123 | 0.7663117218 | 0.82660857339149452 | 0.9608372092590228 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.01531849934 | 0.8044597295 | 0.98481791488210435 | 0.9848179148821044 | 0.01467577717 |  |
| pf\_hx\_s\_scld | race\_final\_label | race\_final\_labelWhite | 0.12541197098 | 0.7125052103 | 0.86037830965618034 | 0.9608372092590228 | 0.01467577717 |  |
| pf\_hx\_s\_scld | ethnicity | ethnicityNot Hispanic | 0.18917716778 | 0.2422635959 | 0.43536968718843172 | 0.7471420126971950 | 0.00289121098 |  |
| pf\_hx\_s\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.03888580877 | 0.3069938852 | 0.89927233218110325 | 0.9608372092590228 | 0.00289121098 |  |
| pf\_hx\_s\_scld | rural | ruralLiving in rural area | -0.24655106670 | 0.1857908175 | 0.18530426138296391 | 0.4941446970212371 | 0.00622925230 |  |
| pf\_hx\_s\_scld | rural | ruralUnknown/Not Reported | -0.14787709652 | 0.1628848353 | 0.36453370981273614 | 0.7221238958793678 | 0.00622925230 |  |
| pf\_hx\_s\_scld | smoking | smokingSmoke or use vape | -0.32381027411 | 0.1801411527 | 0.07305486987872799 | 0.3987460048991915 | 0.01561887240 |  |
| pf\_hx\_s\_scld | smoking | smokingUnknown/Not Reported | -0.22948580632 | 0.1162402767 | 0.04908826819920185 | 0.3927061455936148 | 0.01561887240 |  |
| pf\_hx\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.09194220808 | 0.1567145960 | 0.55776878080576742 | 0.7981380697007862 | 0.00899676755 |  |
| pf\_hx\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | -0.13290734668 | 0.1488055343 | 0.37234513381279899 | 0.7221238958793678 | 0.00899676755 |  |
| pf\_hx\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.08637524847 | 0.1485147890 | 0.56119083025836525 | 0.7981380697007862 | 0.00899676755 |  |
| pf\_hx\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.37791170948 | 0.4722944723 | 0.42412536198746797 | 0.7471420126971950 | 0.00420832520 |  |
| pf\_hx\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.11608471601 | 0.2602215802 | 0.65578352846414689 | 0.8565335881980694 | 0.00420832520 |  |
| pf\_hx\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.22138437593 | 0.2438918168 | 0.36461306313453490 | 0.7221238958793678 | 0.00420832520 |  |
| pf\_hx\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.14193861153 | 0.1134265348 | 0.21157942812386105 | 0.5208108999971964 | 0.00655879636 |  |
| pf\_hx\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.19215207005 | 0.2505525121 | 0.44361557003895957 | 0.7471420126971950 | 0.00655879636 |  |
| pf\_hx\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.14660686900 | 0.1138662237 | 0.19870154554602260 | 0.5086759565978178 | 0.00494529842 |  |
| pf\_hx\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | -0.15523926134 | 0.2441502901 | 0.52527191567200049 | 0.7951763837584087 | 0.00494529842 |  |
| pf\_hx\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.30494095510 | 0.3822150382 | 0.42547659640687141 | 0.7471420126971950 | 0.00184506040 |  |
| pf\_hx\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.41908332375 | 0.6278723357 | 0.50488516530129868 | 0.7881134287630028 | 0.00184506040 |  |
| pf\_hx\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.04092410029 | 0.3380592368 | 0.90371151384786230 | 0.9608372092590228 | 0.00132423966 |  |
| pf\_hx\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.65705384429 | 1.0561997028 | 0.53425913283768089 | 0.7951763837584087 | 0.00132423966 |  |
| pf\_hx\_s\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.20912105580 | 0.1118256103 | 0.06225382264052396 | 0.3987460048991915 | 0.01120634995 |  |
| pf\_hx\_s\_scld | sq\_water\_well | sq\_water\_wellYes | -0.21812448525 | 0.1526586009 | 0.15388307408751842 | 0.4941446970212371 | 0.01120634995 |  |
| pf\_hx\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.02362122330 | 0.1393547181 | 0.86549139364514827 | 0.9608372092590228 | 0.01639651761 |  |
| pf\_hx\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.24293059625 | 0.1326289783 | 0.06779584280841820 | 0.3987460048991915 | 0.01639651761 |  |
| pf\_hx\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.16476832282 | 0.1089627926 | 0.13133740209378553 | 0.4941446970212371 | 0.00631536377 |  |
| pf\_hx\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.01594137263 | 0.1834813466 | 0.93081104646967838 | 0.9608372092590228 | 0.00631536377 |  |
| pf\_hx\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.13799983326 | 0.1209923956 | 0.25477840057299572 | 0.6009648709851156 | 0.00683113088 |  |
| pf\_hx\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.05896978212 | 0.1304471511 | 0.65148799314023809 | 0.8565335881980694 | 0.00683113088 |  |
| pf\_hx\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.15783530672 | 0.1112958742 | 0.15697464465805316 | 0.4941446970212371 | 0.00802203737 |  |
| pf\_hx\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.07812098769 | 0.1562658603 | 0.61742210595572367 | 0.8407449953439641 | 0.00802203737 |  |
| pf\_hx\_s\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.48924546335 | 0.1391420472 | 0.00049146516070939 | 0.0157268851427004 | 0.03531015416 | \* |
| pf\_hx\_s\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.42565285199 | 0.1343002715 | 0.00165296201584316 | 0.0352631896713207 | 0.03531015416 | \* |
| pf\_hx\_s\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.15570725838 | 0.1066091610 | 0.14497821238538158 | 0.4941446970212371 | 0.01079336236 |  |
| pf\_hx\_s\_scld | sq\_water\_none | sq\_water\_noneYes | -0.40194594145 | 0.2449176455 | 0.10160522807343024 | 0.4064209122937210 | 0.01079336236 |  |
| pf\_hx\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.14423859690 | 0.1083890750 | 0.18408036183404880 | 0.4941446970212371 | 0.00553605067 |  |
| pf\_hx\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.17196169235 | 0.2046501331 | 0.40129154196832417 | 0.7471420126971950 | 0.00553605067 |  |
| pf\_hx\_s\_scld | source\_DUKE | source\_DUKEEmory | -0.20089579824 | 0.1489265714 | 0.17816637785405509 | 0.4941446970212371 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_DUKE | source\_DUKENCSU | 0.08683520577 | 0.1299235285 | 0.50431846876716335 | 0.7881134287630028 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_DUKE | source\_DUKEUNC | -0.44129471450 | 0.2573573174 | 0.08722568857169716 | 0.3987460048991915 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_Emory | source\_EmoryDUKE | 0.20089579824 | 0.1489265714 | 0.17816637785405615 | 0.4941446970212371 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_Emory | source\_EmoryNCSU | 0.28773100400 | 0.1270138274 | 0.02406241741592427 | 0.2923691791072094 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_Emory | source\_EmoryUNC | -0.24039891626 | 0.2559007188 | 0.34812012829126060 | 0.7221238958793678 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_NCSU | source\_NCSUDUKE | -0.08683520577 | 0.1299235285 | 0.50431846876716169 | 0.7881134287630028 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_NCSU | source\_NCSUEmory | -0.28773100400 | 0.1270138274 | 0.02406241741592484 | 0.2923691791072094 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_NCSU | source\_NCSUUNC | -0.52812992027 | 0.2453287131 | 0.03197787896485068 | 0.2923691791072094 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_UNC | source\_UNCDUKE | 0.44129471450 | 0.2573573174 | 0.08722568857169814 | 0.3987460048991915 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_UNC | source\_UNCEmory | 0.24039891626 | 0.2559007188 | 0.34812012829125749 | 0.7221238958793678 | 0.02199536955 |  |
| pf\_hx\_s\_scld | source\_UNC | source\_UNCNCSU | 0.52812992027 | 0.2453287131 | 0.03197787896485103 | 0.2923691791072094 | 0.02199536955 |  |
| pf\_pe\_a\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.00422728729 | 0.0052040186 | 0.41715088028540981 | 0.8110794291045442 | 0.00183465280 |  |
| pf\_pe\_a\_scld | bmi | bmi | -0.00405085209 | 0.0078799036 | 0.60753830998090086 | 0.8586904693681738 | 0.00078590533 |  |
| pf\_pe\_a\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00053365608 | 0.0006217180 | 0.39127771559889879 | 0.8110794291045442 | 0.00208283977 |  |
| pf\_pe\_a\_scld | sex | sexMale | -0.15368685249 | 0.1075567926 | 0.15386599131093590 | 0.5470790802166610 | 0.00540079892 |  |
| pf\_pe\_a\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.07231545684 | 0.2553045050 | 0.77714097293777329 | 0.8798776594964217 | 0.01478422792 |  |
| pf\_pe\_a\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.47425865769 | 0.3488646980 | 0.17483025510465880 | 0.5629434459947017 | 0.01478422792 |  |
| pf\_pe\_a\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.08698417548 | 0.2447222400 | 0.72246058781372169 | 0.8798776594964217 | 0.01478422792 |  |
| pf\_pe\_a\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.45767860326 | 0.3059745810 | 0.13554981673753960 | 0.5107279494393184 | 0.01478422792 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | 1.30567928682 | 0.8609143414 | 0.13021902517913805 | 0.5107279494393184 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelAsian | -0.41968262790 | 0.9074833964 | 0.64401785202613038 | 0.8586904693681738 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.38859502584 | 0.8116778251 | 0.63239630817006975 | 0.8586904693681738 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelBlack | -0.28431025163 | 0.7092951361 | 0.68877366573879351 | 0.8798776594964217 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelMore than one race | -0.60620824031 | 1.2175167377 | 0.61884727187064659 | 0.8586904693681738 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelOther | -0.55439559610 | 0.7592550825 | 0.46574128349555366 | 0.8110794291045442 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.57512063824 | 0.7970518015 | 0.47102203554003397 | 0.8110794291045442 | 0.03273908862 |  |
| pf\_pe\_a\_scld | race\_final\_label | race\_final\_labelWhite | -0.34729696079 | 0.7059440523 | 0.62303943070383705 | 0.8586904693681738 | 0.03273908862 |  |
| pf\_pe\_a\_scld | ethnicity | ethnicityNot Hispanic | 0.09994099180 | 0.2415315669 | 0.67927159271312165 | 0.8798776594964217 | 0.00890787897 |  |
| pf\_pe\_a\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.45767860326 | 0.3060662657 | 0.13566211156981897 | 0.5107279494393184 | 0.00890787897 |  |
| pf\_pe\_a\_scld | rural | ruralLiving in rural area | -0.14723144214 | 0.1856425798 | 0.42822635251511909 | 0.8110794291045442 | 0.00781442803 |  |
| pf\_pe\_a\_scld | rural | ruralUnknown/Not Reported | -0.26072761706 | 0.1627548737 | 0.11000532282995749 | 0.5107279494393184 | 0.00781442803 |  |
| pf\_pe\_a\_scld | smoking | smokingSmoke or use vape | 0.21611201277 | 0.1810586886 | 0.23338823688726526 | 0.6494281374254337 | 0.00556558746 |  |
| pf\_pe\_a\_scld | smoking | smokingUnknown/Not Reported | -0.06618776224 | 0.1168323381 | 0.57137978178831528 | 0.8586904693681738 | 0.00556558746 |  |
| pf\_pe\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.10156874252 | 0.1570588349 | 0.51822776011725269 | 0.8110794291045442 | 0.00463831551 |  |
| pf\_pe\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | -0.10347128016 | 0.1491324002 | 0.48822479551973907 | 0.8110794291045442 | 0.00463831551 |  |
| pf\_pe\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.04986987151 | 0.1488410162 | 0.73777172004630809 | 0.8798776594964217 | 0.00463831551 |  |
| pf\_pe\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.40241173787 | 0.4720798422 | 0.39452486378960638 | 0.8110794291045442 | 0.00511317715 |  |
| pf\_pe\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.05748739112 | 0.2601033248 | 0.82519940509489675 | 0.8802126987678899 | 0.00511317715 |  |
| pf\_pe\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.18991912446 | 0.2437809823 | 0.43643916961112061 | 0.8110794291045442 | 0.00511317715 |  |
| pf\_pe\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.12772680791 | 0.1135543263 | 0.26138986317014279 | 0.6970396351203807 | 0.00431902216 |  |
| pf\_pe\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | -0.18926614933 | 0.2508347961 | 0.45099558920554317 | 0.8110794291045442 | 0.00431902216 |  |
| pf\_pe\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.12436403200 | 0.1139071736 | 0.27562127705553680 | 0.7055904692621742 | 0.00422946404 |  |
| pf\_pe\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | -0.19167028106 | 0.2442380942 | 0.43308498300754394 | 0.8110794291045442 | 0.00422946404 |  |
| pf\_pe\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.25950328321 | 0.3822704557 | 0.49765332661943340 | 0.8110794291045442 | 0.00155559370 |  |
| pf\_pe\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.07771900517 | 0.6279633712 | 0.90156876480204828 | 0.9459082122513294 | 0.00155559370 |  |
| pf\_pe\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.21785483823 | 0.3379829720 | 0.51959775927009866 | 0.8110794291045442 | 0.00177478383 |  |
| pf\_pe\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.29015095263 | 1.0559614282 | 0.78364104048900063 | 0.8798776594964217 | 0.00177478383 |  |
| pf\_pe\_a\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.03539646609 | 0.1124416777 | 0.75308976935880034 | 0.8798776594964217 | 0.00028145563 |  |
| pf\_pe\_a\_scld | sq\_water\_well | sq\_water\_wellYes | -0.00403742287 | 0.1534996245 | 0.97903005717147185 | 0.9899599408338461 | 0.00028145563 |  |
| pf\_pe\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.22763959852 | 0.1399252884 | 0.10460564698569111 | 0.5107279494393184 | 0.00832554850 |  |
| pf\_pe\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.20965868166 | 0.1331720108 | 0.11625097875513281 | 0.5107279494393184 | 0.00832554850 |  |
| pf\_pe\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | 0.03180003008 | 0.1082034664 | 0.76900375265055310 | 0.8798776594964217 | 0.02011643848 |  |
| pf\_pe\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.49963711198 | 0.1822027248 | 0.00639538693209372 | 0.0818609527307997 | 0.02011643848 |  |
| pf\_pe\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.00731918832 | 0.1213352277 | 0.95193128359767076 | 0.9826387443588859 | 0.00119486529 |  |
| pf\_pe\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.07300597137 | 0.1308167734 | 0.57712410414268367 | 0.8586904693681738 | 0.00119486529 |  |
| pf\_pe\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.02645028662 | 0.1117193995 | 0.81297502605540750 | 0.8802126987678899 | 0.00045792781 |  |
| pf\_pe\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.03855810651 | 0.1568605143 | 0.80596269263470566 | 0.8802126987678899 | 0.00045792781 |  |
| pf\_pe\_a\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.12807664111 | 0.1415043026 | 0.36598943670439332 | 0.8110794291045442 | 0.00227645678 |  |
| pf\_pe\_a\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.10002749761 | 0.1365803267 | 0.46439951786494849 | 0.8110794291045442 | 0.00227645678 |  |
| pf\_pe\_a\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.00134633678 | 0.1069193876 | 0.98995994083384609 | 0.9899599408338461 | 0.00502791543 |  |
| pf\_pe\_a\_scld | sq\_water\_none | sq\_water\_noneYes | -0.33307110634 | 0.2456303420 | 0.17591982687334426 | 0.5629434459947017 | 0.00502791543 |  |
| pf\_pe\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | 0.02991785344 | 0.1086115393 | 0.78311655900996846 | 0.8798776594964217 | 0.00144966581 |  |
| pf\_pe\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.14932828872 | 0.2050701694 | 0.46695697882131204 | 0.8110794291045442 | 0.00144966581 |  |
| pf\_pe\_a\_scld | source\_DUKE | source\_DUKEEmory | 0.59790103757 | 0.1460935228 | 0.00005228868616012 | 0.0016732379571238 | 0.05885085700 | \* |
| pf\_pe\_a\_scld | source\_DUKE | source\_DUKENCSU | 0.33233077811 | 0.1274519771 | 0.00948580002368097 | 0.0867273145022260 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_DUKE | source\_DUKEUNC | 0.92451301875 | 0.2524615772 | 0.00028631970031656 | 0.0045811152050649 | 0.05885085700 | \* |
| pf\_pe\_a\_scld | source\_Emory | source\_EmoryDUKE | -0.59790103757 | 0.1460935228 | 0.00005228868616012 | 0.0016732379571238 | 0.05885085700 | \* |
| pf\_pe\_a\_scld | source\_Emory | source\_EmoryNCSU | -0.26557025946 | 0.1245976276 | 0.03370576474755375 | 0.1961062676221337 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_Emory | source\_EmoryUNC | 0.32661198117 | 0.2510326877 | 0.19403427471930992 | 0.5644633446379925 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_NCSU | source\_NCSUDUKE | -0.33233077811 | 0.1274519771 | 0.00948580002368063 | 0.0867273145022260 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_NCSU | source\_NCSUEmory | 0.26557025946 | 0.1245976276 | 0.03370576474755423 | 0.1961062676221337 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_NCSU | source\_NCSUUNC | 0.59218224064 | 0.2406617946 | 0.01432006307939985 | 0.1018315596757323 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_UNC | source\_UNCDUKE | -0.92451301875 | 0.2524615772 | 0.00028631970031655 | 0.0045811152050649 | 0.05885085700 | \* |
| pf\_pe\_a\_scld | source\_UNC | source\_UNCEmory | -0.32661198117 | 0.2510326877 | 0.19403427471930737 | 0.5644633446379925 | 0.05885085700 |  |
| pf\_pe\_a\_scld | source\_UNC | source\_UNCNCSU | -0.59218224064 | 0.2406617946 | 0.01432006307939974 | 0.1018315596757323 | 0.05885085700 |  |
| pf\_pe\_s\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.00723125430 | 0.0054321564 | 0.18396989965273475 | 0.4905863990739593 | 0.00491190342 |  |
| pf\_pe\_s\_scld | bmi | bmi | -0.02551872568 | 0.0075545675 | 0.00081610677927414 | 0.0261154169367724 | 0.03284399762 | \* |
| pf\_pe\_s\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00011850725 | 0.0006750068 | 0.86073672780481414 | 0.9535443180705669 | 0.00008730939 |  |
| pf\_pe\_s\_scld | sex | sexMale | 0.08119651991 | 0.1077670989 | 0.45165441374253601 | 0.8390639714513783 | 0.00150750724 |  |
| pf\_pe\_s\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.00586181941 | 0.2548955701 | 0.98166500714231375 | 0.9948776158183121 | 0.01793784655 |  |
| pf\_pe\_s\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.07238360316 | 0.3483059026 | 0.83548591495916558 | 0.9535443180705669 | 0.01793784655 |  |
| pf\_pe\_s\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.27902406267 | 0.2443302552 | 0.25418843077719411 | 0.6256945988361702 | 0.01793784655 |  |
| pf\_pe\_s\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.04716044722 | 0.3054844851 | 0.87739425723636211 | 0.9535443180705669 | 0.01793784655 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -2.03820980481 | 0.8582318276 | 0.01806450688740407 | 0.1740487097202736 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelAsian | -1.41095462035 | 0.9046557786 | 0.11969767228536975 | 0.4031921592770349 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -1.79377182009 | 0.8091487268 | 0.02724150991150591 | 0.1740487097202736 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelBlack | -1.66509559099 | 0.7070850510 | 0.01905209727647088 | 0.1740487097202736 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelMore than one race | -1.14845143517 | 1.2137230903 | 0.34465458900873691 | 0.7714022353685023 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelOther | -1.72668160082 | 0.7568893277 | 0.02310064007956790 | 0.1740487097202736 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -1.73188569930 | 0.7945682763 | 0.02991462198317201 | 0.1740487097202736 | 0.03875745357 |  |
| pf\_pe\_s\_scld | race\_final\_label | race\_final\_labelWhite | -1.36028732641 | 0.7037444088 | 0.05400990074289869 | 0.2304422431697010 | 0.03875745357 |  |
| pf\_pe\_s\_scld | ethnicity | ethnicityNot Hispanic | 0.18359567650 | 0.2423033832 | 0.44910052978292048 | 0.8390639714513783 | 0.00256367133 |  |
| pf\_pe\_s\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.04716044722 | 0.3070443032 | 0.87801175679233379 | 0.9535443180705669 | 0.00256367133 |  |
| pf\_pe\_s\_scld | rural | ruralLiving in rural area | -0.29369835283 | 0.1853835734 | 0.11397432465805926 | 0.4031921592770349 | 0.01058106850 |  |
| pf\_pe\_s\_scld | rural | ruralUnknown/Not Reported | -0.22595188987 | 0.1625277999 | 0.16528201759409997 | 0.4808204148191999 | 0.01058106850 |  |
| pf\_pe\_s\_scld | smoking | smokingSmoke or use vape | -0.32812133861 | 0.1807361545 | 0.07025007004597797 | 0.2810002801839119 | 0.00910536009 |  |
| pf\_pe\_s\_scld | smoking | smokingUnknown/Not Reported | -0.08647518574 | 0.1166242155 | 0.45886310938747255 | 0.8390639714513783 | 0.00910536009 |  |
| pf\_pe\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.00872138962 | 0.1564562359 | 0.95557605731020934 | 0.9947723622059371 | 0.01226161562 |  |
| pf\_pe\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.04457613804 | 0.1485602131 | 0.76430240203179056 | 0.9535443180705669 | 0.01226161562 |  |
| pf\_pe\_s\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.25546529822 | 0.1482699471 | 0.08571976010646562 | 0.3227096851066941 | 0.01226161562 |  |
| pf\_pe\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.42305135062 | 0.4692909205 | 0.36791900629808805 | 0.7737493740026913 | 0.01683350589 |  |
| pf\_pe\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.34598625878 | 0.2585667038 | 0.18167914444427608 | 0.4905863990739593 | 0.01683350589 |  |
| pf\_pe\_s\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.53314883878 | 0.2423407893 | 0.02841820687030729 | 0.1740487097202736 | 0.01683350589 |  |
| pf\_pe\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.04384126872 | 0.1137332794 | 0.70010452722554173 | 0.9535443180705669 | 0.00117831228 |  |
| pf\_pe\_s\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | -0.14852356441 | 0.2512300929 | 0.55475236942286110 | 0.9343197800806081 | 0.00117831228 |  |
| pf\_pe\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.00850483650 | 0.1141036990 | 0.94062361844988573 | 0.9947723622059371 | 0.00079047021 |  |
| pf\_pe\_s\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | -0.13325302642 | 0.2446594811 | 0.58632012495494368 | 0.9535443180705669 | 0.00079047021 |  |
| pf\_pe\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.18150755550 | 0.3824530643 | 0.63535705748587723 | 0.9535443180705669 | 0.00060146278 |  |
| pf\_pe\_s\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.16741359119 | 0.6282633459 | 0.79002340503005719 | 0.9535443180705669 | 0.00060146278 |  |
| pf\_pe\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.16256745203 | 0.3380378693 | 0.63085743718607123 | 0.9535443180705669 | 0.00145048121 |  |
| pf\_pe\_s\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.40299902397 | 1.0561329442 | 0.70298916766313346 | 0.9535443180705669 | 0.00145048121 |  |
| pf\_pe\_s\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.03177598964 | 0.1122907938 | 0.77734871293318042 | 0.9535443180705669 | 0.00296267194 |  |
| pf\_pe\_s\_scld | sq\_water\_well | sq\_water\_wellYes | -0.16152694531 | 0.1532936455 | 0.29269446086609541 | 0.6937942776085224 | 0.00296267194 |  |
| pf\_pe\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | 0.13088726281 | 0.1397398372 | 0.34954163790135262 | 0.7714022353685023 | 0.01095245577 |  |
| pf\_pe\_s\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.26544081020 | 0.1329955101 | 0.04667168825859383 | 0.2133562891821432 | 0.01095245577 |  |
| pf\_pe\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | 0.03539716070 | 0.1092398960 | 0.74609488302110494 | 0.9535443180705669 | 0.00125485645 |  |
| pf\_pe\_s\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.12286695845 | 0.1839479582 | 0.50458013295510473 | 0.8970313474757416 | 0.00125485645 |  |
| pf\_pe\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | 0.07422498204 | 0.1213464924 | 0.54112145438894954 | 0.9343197800806081 | 0.00100940035 |  |
| pf\_pe\_s\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.04600188469 | 0.1308289183 | 0.72532178061484442 | 0.9535443180705669 | 0.00100940035 |  |
| pf\_pe\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.01701590491 | 0.1117415311 | 0.87904866822130390 | 0.9535443180705669 | 0.00006186971 |  |
| pf\_pe\_s\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.00714787774 | 0.1568915884 | 0.96368572588700163 | 0.9947723622059371 | 0.00006186971 |  |
| pf\_pe\_s\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.30337952011 | 0.1387869973 | 0.02943808106098152 | 0.1740487097202736 | 0.04022708694 |  |
| pf\_pe\_s\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.52713535708 | 0.1339575763 | 0.00009910794049467 | 0.0063429081916588 | 0.04022708694 | \* |
| pf\_pe\_s\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | 0.03220906487 | 0.1069569994 | 0.76347440250852572 | 0.9535443180705669 | 0.00432777549 |  |
| pf\_pe\_s\_scld | sq\_water\_none | sq\_water\_noneYes | -0.28637917545 | 0.2457167491 | 0.24456352714546090 | 0.6256945988361702 | 0.00432777549 |  |
| pf\_pe\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.00069820403 | 0.1086820296 | 0.99487761581831213 | 0.9948776158183121 | 0.00015310175 |  |
| pf\_pe\_s\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.04767553387 | 0.2052032625 | 0.81640595739469646 | 0.9535443180705669 | 0.00015310175 |  |
| pf\_pe\_s\_scld | source\_DUKE | source\_DUKEEmory | -0.12846146544 | 0.1482855096 | 0.38687468700134087 | 0.7737493740026913 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_DUKE | source\_DUKENCSU | 0.26874763102 | 0.1293642662 | 0.03844206340934614 | 0.1892532352460118 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_DUKE | source\_DUKEUNC | -0.08690591803 | 0.2562495100 | 0.73469032189409111 | 0.9535443180705669 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_Emory | source\_EmoryDUKE | 0.12846146544 | 0.1482855096 | 0.38687468700134564 | 0.7737493740026913 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_Emory | source\_EmoryNCSU | 0.39720909646 | 0.1264670901 | 0.00181891699048696 | 0.0291026718477924 | 0.03039698759 | \* |
| pf\_pe\_s\_scld | source\_Emory | source\_EmoryUNC | 0.04155554741 | 0.2547991814 | 0.87053458291733876 | 0.9535443180705669 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_NCSU | source\_NCSUDUKE | -0.26874763102 | 0.1293642662 | 0.03844206340934579 | 0.1892532352460118 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_NCSU | source\_NCSUEmory | -0.39720909646 | 0.1264670901 | 0.00181891699048702 | 0.0291026718477924 | 0.03039698759 | \* |
| pf\_pe\_s\_scld | source\_NCSU | source\_NCSUUNC | -0.35565354906 | 0.2442726834 | 0.14623999973503321 | 0.4456838087162926 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_UNC | source\_UNCDUKE | 0.08690591803 | 0.2562495100 | 0.73469032189409500 | 0.9535443180705669 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_UNC | source\_UNCEmory | -0.04155554741 | 0.2547991814 | 0.87053458291734398 | 0.9535443180705669 | 0.03039698759 |  |
| pf\_pe\_s\_scld | source\_UNC | source\_UNCNCSU | 0.35565354906 | 0.2442726834 | 0.14623999973503352 | 0.4456838087162926 | 0.03039698759 |  |
| pf\_un\_a\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.01474075004 | 0.0055531351 | 0.00829630670610244 | 0.0589959587989507 | 0.01924981816 |  |
| pf\_un\_a\_scld | bmi | bmi | -0.02788390573 | 0.0073054643 | 0.00016089041529066 | 0.0067787536730801 | 0.04155648504 | \* |
| pf\_un\_a\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00105386273 | 0.0006736822 | 0.11863558257777872 | 0.3451216947717199 | 0.00688466679 |  |
| pf\_un\_a\_scld | sex | sexMale | -0.08107283790 | 0.1077673466 | 0.45234435016075591 | 0.6159582640486889 | 0.00150291814 |  |
| pf\_un\_a\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.38843641214 | 0.2541014539 | 0.12719466758624104 | 0.3539329880660620 | 0.02404745939 |  |
| pf\_un\_a\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.75496304658 | 0.3472207706 | 0.03031047612559701 | 0.1141100277669534 | 0.02404745939 |  |
| pf\_un\_a\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.30938744827 | 0.2435690548 | 0.20479634375196532 | 0.4519643448319234 | 0.02404745939 |  |
| pf\_un\_a\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.06964204857 | 0.3045327613 | 0.81923914578153800 | 0.8988946944756999 | 0.02404745939 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | 0.04743405562 | 0.8553087116 | 0.95580328318462038 | 0.9834670542468837 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelAsian | 0.86201179914 | 0.9015745437 | 0.33963850413735031 | 0.5794417011835623 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | 1.93249927797 | 0.8063927866 | 0.01705071346075924 | 0.0909371384573826 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelBlack | 0.62357439384 | 0.7046767371 | 0.37678226281489458 | 0.5794417011835623 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelMore than one race | 1.07517232556 | 1.2095891800 | 0.37464989392598191 | 0.5794417011835623 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelOther | 0.31622715458 | 0.7543113817 | 0.67529470752802623 | 0.8474286525841898 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.01807012312 | 0.7918619967 | 0.98180635812068573 | 0.9834670542468837 | 0.04529423837 |  |
| pf\_un\_a\_scld | race\_final\_label | race\_final\_labelWhite | 0.54217003211 | 0.7013474731 | 0.43999328372664748 | 0.6121645686631617 | 0.04529423837 |  |
| pf\_un\_a\_scld | ethnicity | ethnicityNot Hispanic | 0.35330235643 | 0.2406435037 | 0.14289994452075006 | 0.3810665187220001 | 0.01618257500 |  |
| pf\_un\_a\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.06964204857 | 0.3049409213 | 0.81947623415181903 | 0.8988946944756999 | 0.01618257500 |  |
| pf\_un\_a\_scld | rural | ruralLiving in rural area | -0.21079073860 | 0.1860471455 | 0.25793964453798679 | 0.5002465833463986 | 0.00348523152 |  |
| pf\_un\_a\_scld | rural | ruralUnknown/Not Reported | -0.04719442936 | 0.1631095608 | 0.77247965322541445 | 0.8988946944756999 | 0.00348523152 |  |
| pf\_un\_a\_scld | smoking | smokingSmoke or use vape | -0.55938000641 | 0.1781023241 | 0.00181874007453686 | 0.0232798729540718 | 0.03777513131 | \* |
| pf\_un\_a\_scld | smoking | smokingUnknown/Not Reported | -0.32017764170 | 0.1149246750 | 0.00560773476027302 | 0.0448618780821841 | 0.03777513131 | \* |
| pf\_un\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.17786232689 | 0.1536502098 | 0.24777442714207562 | 0.5002465833463986 | 0.04737386670 |  |
| pf\_un\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.01122295067 | 0.1458958013 | 0.93872480078470222 | 0.9834670542468837 | 0.04737386670 |  |
| pf\_un\_a\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.51790396084 | 0.1456107412 | 0.00042367210456750 | 0.0067787536730801 | 0.04737386670 | \* |
| pf\_un\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.13195651635 | 0.4627811890 | 0.77569622980154374 | 0.8988946944756999 | 0.04392015963 |  |
| pf\_un\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.16709286937 | 0.2549800164 | 0.51266621906038856 | 0.6835549587471847 | 0.04392015963 |  |
| pf\_un\_a\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.59475468975 | 0.2389791784 | 0.01325424947443562 | 0.0771156333058072 | 0.04392015963 |  |
| pf\_un\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.22785512960 | 0.1129453935 | 0.04436660508739628 | 0.1419731362796681 | 0.01496902888 |  |
| pf\_un\_a\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.24387552625 | 0.2494896995 | 0.32895313970867956 | 0.5794417011835623 | 0.01496902888 |  |
| pf\_un\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.23110609461 | 0.1132996989 | 0.04207291408647388 | 0.1417192895544383 | 0.01482216684 |  |
| pf\_un\_a\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.22064001249 | 0.2429355558 | 0.36434293822168251 | 0.5794417011835623 | 0.01482216684 |  |
| pf\_un\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | -0.32443230158 | 0.3815158269 | 0.39565811530909123 | 0.5794417011835623 | 0.00549370224 |  |
| pf\_un\_a\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.26527944634 | 0.6267237272 | 0.67233383417726300 | 0.8474286525841898 | 0.00549370224 |  |
| pf\_un\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.43690149238 | 0.3374566723 | 0.19622409137501412 | 0.4519643448319234 | 0.00488119228 |  |
| pf\_un\_a\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.02186261809 | 1.0543171081 | 0.98346705424688374 | 0.9834670542468837 | 0.00488119228 |  |
| pf\_un\_a\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.12817120720 | 0.1122552769 | 0.25427262322351152 | 0.5002465833463986 | 0.00359328660 |  |
| pf\_un\_a\_scld | sq\_water\_well | sq\_water\_wellYes | -0.02495098293 | 0.1532451596 | 0.87074988658916408 | 0.9287998790284416 | 0.00359328660 |  |
| pf\_un\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.22205510583 | 0.1399736296 | 0.11348990546404761 | 0.3451216947717199 | 0.00764022510 |  |
| pf\_un\_a\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.07001753613 | 0.1332180189 | 0.59948647097832886 | 0.7830027376043478 | 0.00764022510 |  |
| pf\_un\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.13263834075 | 0.1090922884 | 0.22481218952720550 | 0.4795993376580384 | 0.00395209136 |  |
| pf\_un\_a\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.03978205473 | 0.1836994032 | 0.82866854646978583 | 0.8988946944756999 | 0.00395209136 |  |
| pf\_un\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.13144880015 | 0.1211023463 | 0.27842603953196615 | 0.5240960744131128 | 0.00502524504 |  |
| pf\_un\_a\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.02976012029 | 0.1305656937 | 0.81982321014451420 | 0.8988946944756999 | 0.00502524504 |  |
| pf\_un\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.11479817257 | 0.1115133450 | 0.30392858519815302 | 0.5557551272194798 | 0.00414162409 |  |
| pf\_un\_a\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.05286413942 | 0.1565712019 | 0.73582611255727159 | 0.8885447396917996 | 0.00414162409 |  |
| pf\_un\_a\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.35114193595 | 0.1404337704 | 0.01283108050418380 | 0.0771156333058072 | 0.01731564483 |  |
| pf\_un\_a\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.28139780657 | 0.1355470462 | 0.03857335714816601 | 0.1371497143045902 | 0.01731564483 |  |
| pf\_un\_a\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.09645572879 | 0.1070037554 | 0.36794161779746204 | 0.5794417011835623 | 0.00345707472 |  |
| pf\_un\_a\_scld | sq\_water\_none | sq\_water\_noneYes | -0.20912526088 | 0.2458241635 | 0.39547290349843378 | 0.5794417011835623 | 0.00345707472 |  |
| pf\_un\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.13920849554 | 0.1084508236 | 0.20007125981871401 | 0.4519643448319234 | 0.00440264862 |  |
| pf\_un\_a\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.07811881114 | 0.2047667210 | 0.70304722582391288 | 0.8652888933217390 | 0.00440264862 |  |
| pf\_un\_a\_scld | source\_DUKE | source\_DUKEEmory | 0.12233567491 | 0.1475030347 | 0.40741994614469224 | 0.5794417011835623 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_DUKE | source\_DUKENCSU | 0.28898669677 | 0.1286816352 | 0.02530339130851000 | 0.1012135652340400 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_DUKE | source\_DUKEUNC | -0.58852192072 | 0.2548973292 | 0.02149592870855625 | 0.0982671026676913 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_Emory | source\_EmoryDUKE | -0.12233567491 | 0.1475030347 | 0.40741994614468358 | 0.5794417011835623 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_Emory | source\_EmoryNCSU | 0.16665102186 | 0.1257997469 | 0.18606871857653695 | 0.4519643448319234 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_Emory | source\_EmoryUNC | -0.71085759563 | 0.2534546538 | 0.00529967763418086 | 0.0448618780821841 | 0.04060281688 | \* |
| pf\_un\_a\_scld | source\_NCSU | source\_NCSUDUKE | -0.28898669677 | 0.1286816352 | 0.02530339130850891 | 0.1012135652340400 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_NCSU | source\_NCSUEmory | -0.16665102186 | 0.1257997469 | 0.18606871857653801 | 0.4519643448319234 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_NCSU | source\_NCSUUNC | -0.87750861749 | 0.2429837022 | 0.00034610095238171 | 0.0067787536730801 | 0.04060281688 | \* |
| pf\_un\_a\_scld | source\_UNC | source\_UNCDUKE | 0.58852192072 | 0.2548973292 | 0.02149592870855746 | 0.0982671026676913 | 0.04060281688 |  |
| pf\_un\_a\_scld | source\_UNC | source\_UNCEmory | 0.71085759563 | 0.2534546538 | 0.00529967763418096 | 0.0448618780821841 | 0.04060281688 | \* |
| pf\_un\_a\_scld | source\_UNC | source\_UNCNCSU | 0.87750861749 | 0.2429837022 | 0.00034610095238174 | 0.0067787536730801 | 0.04060281688 | \* |
| pfba\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.00156141004 | 0.0051006435 | 0.75969057121585326 | 0.9280903392555993 | 0.00026096135 |  |
| pfba\_scld | bmi | bmi | -0.00261010632 | 0.0077804848 | 0.73748118274195495 | 0.9254665822644140 | 0.00033482538 |  |
| pfba\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00015137036 | 0.0006264002 | 0.80919075133267548 | 0.9416037833689315 | 0.00016539844 |  |
| pfba\_scld | sex | sexMale | 0.31907869439 | 0.1065856808 | 0.00293897166877725 | 0.0313490311336240 | 0.02327985055 | \* |
| pfba\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.38456128103 | 0.2535157231 | 0.13013569457742086 | 0.3621167153458667 | 0.02854162174 |  |
| pfba\_scld | race\_eth\_label | race\_eth\_labelNHO | -0.01545994530 | 0.3464203899 | 0.96442794455498793 | 0.9644279445549879 | 0.02854162174 |  |
| pfba\_scld | race\_eth\_label | race\_eth\_labelNHW | -0.17734261188 | 0.2430076023 | 0.46598140195591820 | 0.7451646288118735 | 0.02854162174 |  |
| pfba\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.28233582862 | 0.3038307810 | 0.35335867587746195 | 0.6672746642814351 | 0.02854162174 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -1.56092076050 | 0.8597351960 | 0.07024587629449165 | 0.2972856560056192 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelAsian | -1.60706021163 | 0.9062404680 | 0.07699939902860362 | 0.2972856560056192 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.82933622638 | 0.8105661162 | 0.30690400854936611 | 0.6547285515719811 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelBlack | -1.44304423227 | 0.7083236549 | 0.04233641461057699 | 0.2084254257751483 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelMore than one race | -1.60706021163 | 1.2158491743 | 0.18706708643863396 | 0.4988455638363572 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelOther | -1.55636165939 | 0.7582151740 | 0.04080989490447562 | 0.2084254257751483 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -1.30317396008 | 0.7959601250 | 0.10243380847874241 | 0.3121792258399769 | 0.03538687857 |  |
| pfba\_scld | race\_final\_label | race\_final\_labelWhite | -1.13561169417 | 0.7049771609 | 0.10806768285308643 | 0.3143787137544333 | 0.03538687857 |  |
| pfba\_scld | ethnicity | ethnicityNot Hispanic | -0.23273436513 | 0.2403337671 | 0.33347886020210904 | 0.6669577204042181 | 0.01871352372 |  |
| pfba\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.28233582862 | 0.3045484263 | 0.35448966539951243 | 0.6672746642814351 | 0.01871352372 |  |
| pfba\_scld | rural | ruralLiving in rural area | -0.01757076775 | 0.1862604188 | 0.92489389560955348 | 0.9644279445549879 | 0.00119923225 |  |
| pfba\_scld | rural | ruralUnknown/Not Reported | -0.10951764199 | 0.1632965398 | 0.50284536393231494 | 0.7451646288118735 | 0.00119923225 |  |
| pfba\_scld | smoking | smokingSmoke or use vape | -0.17985647561 | 0.1812820727 | 0.32177091020604093 | 0.6643012339737620 | 0.00311027380 |  |
| pfba\_scld | smoking | smokingUnknown/Not Reported | -0.07253382596 | 0.1169764819 | 0.53558707695853414 | 0.7451646288118735 | 0.00311027380 |  |
| pfba\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.32796977117 | 0.1557916272 | 0.03594188193302159 | 0.2084254257751483 | 0.02063539840 |  |
| pfba\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | -0.30324156566 | 0.1479291458 | 0.04106996924795670 | 0.2084254257751483 | 0.02063539840 |  |
| pfba\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | -0.39515964347 | 0.1476401128 | 0.00776678556349367 | 0.0552304751181772 | 0.02063539840 |  |
| pfba\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.49250655856 | 0.4709179452 | 0.29630866345529594 | 0.6547285515719811 | 0.01000444077 |  |
| pfba\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.27041239489 | 0.2594631507 | 0.29799235545929981 | 0.6547285515719811 | 0.01000444077 |  |
| pfba\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | 0.40941861840 | 0.2431809812 | 0.09309412206971872 | 0.3121792258399769 | 0.01000444077 |  |
| pfba\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.08054960079 | 0.1136697940 | 0.47899561405698610 | 0.7451646288118735 | 0.00229307728 |  |
| pfba\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.12386342952 | 0.2510898573 | 0.62208712770531249 | 0.8294495036070832 | 0.00229307728 |  |
| pfba\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.03332494094 | 0.1141358248 | 0.77046630225326396 | 0.9280903392555993 | 0.00022773750 |  |
| pfba\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | -0.01353349626 | 0.2447283648 | 0.95592885498327729 | 0.9644279445549879 | 0.00022773750 |  |
| pfba\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.07478577777 | 0.3823108895 | 0.84501740098412648 | 0.9524853545441314 | 0.00134436652 |  |
| pfba\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | -0.27064094184 | 0.6280297924 | 0.66676216096642582 | 0.8534555660370251 | 0.00134436652 |  |
| pfba\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.14678690410 | 0.3381807117 | 0.66450267863284707 | 0.8534555660370251 | 0.00060640217 |  |
| pfba\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.05528643906 | 1.0565792272 | 0.95829689341887170 | 0.9644279445549879 | 0.00060640217 |  |
| pfba\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.07113127787 | 0.1123965878 | 0.52721094260777346 | 0.7451646288118735 | 0.00108308247 |  |
| pfba\_scld | sq\_water\_well | sq\_water\_wellYes | -0.02027140684 | 0.1534380701 | 0.89496451658350551 | 0.9546288176890725 | 0.00108308247 |  |
| pfba\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.08114647657 | 0.1403605859 | 0.56352426626744490 | 0.7673521923641803 | 0.00214589561 |  |
| pfba\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.11994252123 | 0.1335862994 | 0.36983338632042684 | 0.6762667635573519 | 0.00214589561 |  |
| pfba\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.02996935033 | 0.1087777386 | 0.78307622374691188 | 0.9280903392555993 | 0.00968769292 |  |
| pfba\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.32265583066 | 0.1831697360 | 0.07896650237649259 | 0.2972856560056192 | 0.00968769292 |  |
| pfba\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | 0.09829713530 | 0.1195283632 | 0.41138610856268598 | 0.7313530818892194 | 0.03072080276 |  |
| pfba\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.42992940577 | 0.1288687143 | 0.00093424336603878 | 0.0119583150852963 | 0.03072080276 | \* |
| pfba\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.12033262226 | 0.1111975752 | 0.27988058283521206 | 0.6547285515719811 | 0.00977353797 |  |
| pfba\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.28953458010 | 0.1561278428 | 0.06445662344530483 | 0.2946588500356792 | 0.00977353797 |  |
| pfba\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.10346737984 | 0.1415329548 | 0.46520637575138080 | 0.7451646288118735 | 0.00187237237 |  |
| pfba\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.10752866806 | 0.1366079818 | 0.43170112368953550 | 0.7451646288118735 | 0.00187237237 |  |
| pfba\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.01805025876 | 0.1069366163 | 0.86604968749351308 | 0.9524853545441314 | 0.00470723719 |  |
| pfba\_scld | sq\_water\_none | sq\_water\_noneYes | 0.31162948316 | 0.2456699220 | 0.20541041566927390 | 0.5258506641133411 | 0.00470723719 |  |
| pfba\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.06912266856 | 0.1084852840 | 0.52440830804744287 | 0.7451646288118735 | 0.00376984216 |  |
| pfba\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.22972534384 | 0.2048317860 | 0.26277924482141085 | 0.6468412180219344 | 0.00376984216 |  |
| pfba\_scld | source\_DUKE | source\_DUKEEmory | 0.50659899172 | 0.1440971189 | 0.00049247622953316 | 0.0078796196725306 | 0.08439717570 | \* |
| pfba\_scld | source\_DUKE | source\_DUKENCSU | -0.20671958966 | 0.1257103146 | 0.10093130393964089 | 0.3121792258399769 | 0.08439717570 |  |
| pfba\_scld | source\_DUKE | source\_DUKEUNC | -0.17027849966 | 0.2490116278 | 0.49451388773220650 | 0.7451646288118735 | 0.08439717570 |  |
| pfba\_scld | source\_Emory | source\_EmoryDUKE | -0.50659899172 | 0.1440971189 | 0.00049247622953313 | 0.0078796196725306 | 0.08439717570 | \* |
| pfba\_scld | source\_Emory | source\_EmoryNCSU | -0.71331858138 | 0.1228949705 | 0.00000001380182137 | 0.0000004416582838 | 0.08439717570 | \* |
| pfba\_scld | source\_Emory | source\_EmoryUNC | -0.67687749138 | 0.2476022644 | 0.00655977315886617 | 0.0524781852709340 | 0.08439717570 |  |
| pfba\_scld | source\_NCSU | source\_NCSUDUKE | 0.20671958966 | 0.1257103146 | 0.10093130393964940 | 0.3121792258399769 | 0.08439717570 |  |
| pfba\_scld | source\_NCSU | source\_NCSUEmory | 0.71331858138 | 0.1228949705 | 0.00000001380182137 | 0.0000004416582838 | 0.08439717570 | \* |
| pfba\_scld | source\_NCSU | source\_NCSUUNC | 0.03644109000 | 0.2373730921 | 0.87807243622037112 | 0.9524853545441314 | 0.08439717570 |  |
| pfba\_scld | source\_UNC | source\_UNCDUKE | 0.17027849966 | 0.2490116278 | 0.49451388773222482 | 0.7451646288118735 | 0.08439717570 |  |
| pfba\_scld | source\_UNC | source\_UNCEmory | 0.67687749138 | 0.2476022644 | 0.00655977315886676 | 0.0524781852709340 | 0.08439717570 |  |
| pfba\_scld | source\_UNC | source\_UNCNCSU | -0.03644109000 | 0.2373730921 | 0.87807243622036713 | 0.9524853545441314 | 0.08439717570 |  |
| pfbs\_scld | age\_at\_enrollment | age\_at\_enrollment | -0.00039411970 | 0.0056259291 | 0.94418956366096030 | 0.9989070962023004 | 0.00001366996 |  |
| pfbs\_scld | bmi | bmi | 0.00294487490 | 0.0071201199 | 0.67943161804413910 | 0.9989070962023004 | 0.00050886052 |  |
| pfbs\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00051069442 | 0.0006796245 | 0.45289086346786955 | 0.9989070962023004 | 0.00159703845 |  |
| pfbs\_scld | sex | sexMale | -0.07419888249 | 0.1077805160 | 0.49160923227274667 | 0.9989070962023004 | 0.00125886542 |  |
| pfbs\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.01464216199 | 0.2554827156 | 0.95432754792565500 | 0.9989070962023004 | 0.01340832472 |  |
| pfbs\_scld | race\_eth\_label | race\_eth\_labelNHO | -0.02338660368 | 0.3491082165 | 0.94662591167007082 | 0.9989070962023004 | 0.01340832472 |  |
| pfbs\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.21620594043 | 0.2448930638 | 0.37788131612548015 | 0.9989070962023004 | 0.01340832472 |  |
| pfbs\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.29446925111 | 0.3061881609 | 0.33681006421286097 | 0.9989070962023004 | 0.01340832472 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.30000449280 | 0.8677821699 | 0.72975462975697636 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelAsian | -0.22222553788 | 0.9147227233 | 0.80818449433896911 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.16984379273 | 0.8181528759 | 0.83566035285033469 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelBlack | -0.19653972345 | 0.7149534427 | 0.78354796851450148 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelMore than one race | -0.25714670131 | 1.2272293139 | 0.83414675353075007 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelOther | -0.21111425860 | 0.7653119379 | 0.78281472715569200 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.26939178460 | 0.8034101751 | 0.73758149732980405 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | race\_final\_label | race\_final\_labelWhite | 0.06497780823 | 0.7115756262 | 0.92729153707799505 | 0.9989070962023004 | 0.01724514576 |  |
| pfbs\_scld | ethnicity | ethnicityNot Hispanic | 0.13563843592 | 0.2422991867 | 0.57595190803645446 | 0.9989070962023004 | 0.00259822052 |  |
| pfbs\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.29446925111 | 0.3070389854 | 0.33814572280041677 | 0.9989070962023004 | 0.00259822052 |  |
| pfbs\_scld | rural | ruralLiving in rural area | 0.40223577490 | 0.1851724029 | 0.03046477151052450 | 0.4874363441683920 | 0.01283388025 |  |
| pfbs\_scld | rural | ruralUnknown/Not Reported | -0.02546298067 | 0.1623426644 | 0.87544973896637868 | 0.9989070962023004 | 0.01283388025 |  |
| pfbs\_scld | smoking | smokingSmoke or use vape | 0.02876208111 | 0.1812189211 | 0.87397920554472974 | 0.9989070962023004 | 0.00380470830 |  |
| pfbs\_scld | smoking | smokingUnknown/Not Reported | -0.13222001617 | 0.1169357318 | 0.25890118865789558 | 0.9989070962023004 | 0.00380470830 |  |
| pfbs\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | -0.03093608928 | 0.1570943319 | 0.84399176612941518 | 0.9989070962023004 | 0.00418833956 |  |
| pfbs\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | -0.14448004793 | 0.1491661057 | 0.33337824573383545 | 0.9989070962023004 | 0.00418833956 |  |
| pfbs\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.01155340117 | 0.1488746559 | 0.93818385341862220 | 0.9989070962023004 | 0.00418833956 |  |
| pfbs\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 1.43229680939 | 0.4656187051 | 0.00225149089710056 | 0.1440954174144359 | 0.03215991961 |  |
| pfbs\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | -0.00173849948 | 0.2565434117 | 0.99459668702328241 | 0.9989070962023004 | 0.03215991961 |  |
| pfbs\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.00032956956 | 0.2404444654 | 0.99890709620230045 | 0.9989070962023004 | 0.03215991961 |  |
| pfbs\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.16164730427 | 0.1134137077 | 0.15490547435844459 | 0.9913950358940454 | 0.00678347474 |  |
| pfbs\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | -0.23109631067 | 0.2505241778 | 0.35688641562230339 | 0.9989070962023004 | 0.00678347474 |  |
| pfbs\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.11062049213 | 0.1139459174 | 0.33226578512771388 | 0.9989070962023004 | 0.00355195566 |  |
| pfbs\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.11736859792 | 0.2443211681 | 0.63123268162752577 | 0.9989070962023004 | 0.00355195566 |  |
| pfbs\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.05111422485 | 0.3825137450 | 0.89376908860933635 | 0.9989070962023004 | 0.00028430481 |  |
| pfbs\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | -0.10000151347 | 0.6283630273 | 0.87363945925546149 | 0.9989070962023004 | 0.00028430481 |  |
| pfbs\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.06764799759 | 0.3382470907 | 0.84159227516948099 | 0.9989070962023004 | 0.00021403656 |  |
| pfbs\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.13545178545 | 1.0567866153 | 0.89808056927624569 | 0.9989070962023004 | 0.00021403656 |  |
| pfbs\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | 0.02866859932 | 0.1123815962 | 0.79878534040690352 | 0.9989070962023004 | 0.00134953984 |  |
| pfbs\_scld | sq\_water\_well | sq\_water\_wellYes | -0.08368273867 | 0.1534176043 | 0.58576338919294979 | 0.9989070962023004 | 0.00134953984 |  |
| pfbs\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.04878699378 | 0.1400038298 | 0.72768354490860843 | 0.9989070962023004 | 0.00721196381 |  |
| pfbs\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.19626578122 | 0.1332467615 | 0.14160342074544699 | 0.9913950358940454 | 0.00721196381 |  |
| pfbs\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | 0.06616698617 | 0.1091440846 | 0.54472537125352871 | 0.9989070962023004 | 0.00300603428 |  |
| pfbs\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.18374184953 | 0.1837866223 | 0.31807308447128430 | 0.9989070962023004 | 0.00300603428 |  |
| pfbs\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | 0.08488801129 | 0.1213256294 | 0.48456664213754364 | 0.9989070962023004 | 0.00135288170 |  |
| pfbs\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | 0.05917333707 | 0.1308064250 | 0.65126163583327279 | 0.9989070962023004 | 0.00135288170 |  |
| pfbs\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | 0.06196009253 | 0.1116757461 | 0.57934760076694691 | 0.9989070962023004 | 0.00123890008 |  |
| pfbs\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.08690500377 | 0.1567992224 | 0.57974234090501586 | 0.9989070962023004 | 0.00123890008 |  |
| pfbs\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | 0.00150677405 | 0.1414381887 | 0.99150577538440487 | 0.9989070962023004 | 0.00320855570 |  |
| pfbs\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.11319237198 | 0.1365165133 | 0.40754821004133213 | 0.9989070962023004 | 0.00320855570 |  |
| pfbs\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | 0.03361244212 | 0.1071518909 | 0.75393115719870929 | 0.9989070962023004 | 0.00069594521 |  |
| pfbs\_scld | sq\_water\_none | sq\_water\_noneYes | -0.08365917336 | 0.2461644814 | 0.73415922696710800 | 0.9989070962023004 | 0.00069594521 |  |
| pfbs\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | 0.02430377718 | 0.1086712061 | 0.82315529229054696 | 0.9989070962023004 | 0.00035223782 |  |
| pfbs\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.04733327578 | 0.2051828267 | 0.81768277140597645 | 0.9989070962023004 | 0.00035223782 |  |
| pfbs\_scld | source\_DUKE | source\_DUKEEmory | 0.24209283532 | 0.1491936254 | 0.10550138874091071 | 0.8440111099272857 | 0.01848472366 |  |
| pfbs\_scld | source\_DUKE | source\_DUKENCSU | -0.07266973794 | 0.1301565064 | 0.57695600439013517 | 0.9989070962023004 | 0.01848472366 |  |
| pfbs\_scld | source\_DUKE | source\_DUKEUNC | -0.19661618717 | 0.2578188086 | 0.44617444546120355 | 0.9989070962023004 | 0.01848472366 |  |
| pfbs\_scld | source\_Emory | source\_EmoryDUKE | -0.24209283532 | 0.1491936254 | 0.10550138874091017 | 0.8440111099272857 | 0.01848472366 |  |
| pfbs\_scld | source\_Emory | source\_EmoryNCSU | -0.31476257326 | 0.1272415877 | 0.01381394218896274 | 0.2946974333645466 | 0.01848472366 |  |
| pfbs\_scld | source\_Emory | source\_EmoryUNC | -0.43870902249 | 0.2563595981 | 0.08785424567301257 | 0.8440111099272857 | 0.01848472366 |  |
| pfbs\_scld | source\_NCSU | source\_NCSUDUKE | 0.07266973794 | 0.1301565064 | 0.57695600439014005 | 0.9989070962023004 | 0.01848472366 |  |
| pfbs\_scld | source\_NCSU | source\_NCSUEmory | 0.31476257326 | 0.1272415877 | 0.01381394218896312 | 0.2946974333645466 | 0.01848472366 |  |
| pfbs\_scld | source\_NCSU | source\_NCSUUNC | -0.12394644924 | 0.2457686348 | 0.61433232535902516 | 0.9989070962023004 | 0.01848472366 |  |
| pfbs\_scld | source\_UNC | source\_UNCDUKE | 0.19661618717 | 0.2578188086 | 0.44617444546121687 | 0.9989070962023004 | 0.01848472366 |  |
| pfbs\_scld | source\_UNC | source\_UNCEmory | 0.43870902249 | 0.2563595981 | 0.08785424567301688 | 0.8440111099272857 | 0.01848472366 |  |
| pfbs\_scld | source\_UNC | source\_UNCNCSU | 0.12394644924 | 0.2457686348 | 0.61433232535904003 | 0.9989070962023004 | 0.01848472366 |  |
| pfda\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.01401689114 | 0.0055189122 | 0.01151280974826796 | 0.1203045452799739 | 0.01765093915 |  |
| pfda\_scld | bmi | bmi | -0.01953451965 | 0.0075903844 | 0.01049324625441954 | 0.1203045452799739 | 0.01933129606 |  |
| pfda\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00087134772 | 0.0006720033 | 0.19560135743360868 | 0.5249684556342716 | 0.00474025689 |  |
| pfda\_scld | sex | sexMale | -0.13271702075 | 0.1076310207 | 0.21831847824619438 | 0.5249684556342716 | 0.00402752109 |  |
| pfda\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.12471352645 | 0.2560091965 | 0.62644193500230960 | 0.8530273157478259 | 0.00933793696 |  |
| pfda\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.42784565581 | 0.3498276343 | 0.22209485749044836 | 0.5249684556342716 | 0.00933793696 |  |
| pfda\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.21907404512 | 0.2453977223 | 0.37257706140278501 | 0.7013215273464188 | 0.00933793696 |  |
| pfda\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.05139885416 | 0.3068191320 | 0.86705038235471044 | 0.9248537411783578 | 0.00933793696 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.35118565937 | 0.8634646081 | 0.68445171471873756 | 0.8912763593044057 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelAsian | 0.35066768642 | 0.9101716135 | 0.70025459942686286 | 0.8912763593044057 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | 0.86035306816 | 0.8140822396 | 0.29127691064794475 | 0.5825538212958895 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelBlack | 0.02302625200 | 0.7113962647 | 0.97419633087415258 | 0.9779371836632742 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelMore than one race | 1.95949166577 | 1.2211233594 | 0.10942343810871114 | 0.3685842125767111 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelOther | -0.05283324079 | 0.7615042063 | 0.94472464778561982 | 0.9779371836632742 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.29724247655 | 0.7994128896 | 0.71023584882069835 | 0.8912763593044057 | 0.02700001153 |  |
| pfda\_scld | race\_final\_label | race\_final\_labelWhite | 0.12904195608 | 0.7080352541 | 0.85548381268171203 | 0.9248537411783578 | 0.02700001153 |  |
| pfda\_scld | ethnicity | ethnicityNot Hispanic | 0.19991584684 | 0.2419411686 | 0.40915967427517430 | 0.7422707297752605 | 0.00554353848 |  |
| pfda\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.05139885416 | 0.3065853086 | 0.86694944980857691 | 0.9248537411783578 | 0.00554353848 |  |
| pfda\_scld | rural | ruralLiving in rural area | -0.22321300609 | 0.1859709991 | 0.23079719614026042 | 0.5249684556342716 | 0.00430078275 |  |
| pfda\_scld | rural | ruralUnknown/Not Reported | -0.08991929292 | 0.1630428024 | 0.58161444509189819 | 0.8530273157478259 | 0.00430078275 |  |
| pfda\_scld | smoking | smokingSmoke or use vape | -0.47778649069 | 0.1790840047 | 0.00796269280740328 | 0.1203045452799739 | 0.02713853978 |  |
| pfda\_scld | smoking | smokingUnknown/Not Reported | -0.26851843856 | 0.1155581273 | 0.02067734371999552 | 0.1203045452799739 | 0.02713853978 |  |
| pfda\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.20787027884 | 0.1536464466 | 0.17690069057809882 | 0.5249684556342716 | 0.04742053035 |  |
| pfda\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.07429579065 | 0.1458922280 | 0.61087648791906513 | 0.8530273157478259 | 0.04742053035 |  |
| pfda\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.55094170577 | 0.1456071749 | 0.00017983535627529 | 0.0115094628016186 | 0.04742053035 | \* |
| pfda\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.37553038797 | 0.4626937092 | 0.41752728549858409 | 0.7422707297752605 | 0.04428158218 |  |
| pfda\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.06581956258 | 0.2549318174 | 0.79640617614151632 | 0.9248537411783578 | 0.04428158218 |  |
| pfda\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.38400212331 | 0.2389340040 | 0.10886595002264265 | 0.3685842125767111 | 0.04428158218 |  |
| pfda\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.19517872802 | 0.1132680952 | 0.08568444046719309 | 0.3685842125767111 | 0.00933222981 |  |
| pfda\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.12479265729 | 0.2502025284 | 0.61823627484439159 | 0.8530273157478259 | 0.00933222981 |  |
| pfda\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.18857557102 | 0.1134085753 | 0.09718837256862224 | 0.3685842125767111 | 0.01292782589 |  |
| pfda\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.29382990208 | 0.2431690069 | 0.22767940372032977 | 0.5249684556342716 | 0.01292782589 |  |
| pfda\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | -0.10442649184 | 0.3824147575 | 0.78494873278749755 | 0.9248537411783578 | 0.00080165400 |  |
| pfda\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.13718883533 | 0.6282004185 | 0.82724883059649901 | 0.9248537411783578 | 0.00080165400 |  |
| pfda\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.20962233873 | 0.3381099153 | 0.53564564076426890 | 0.8162219287836479 | 0.00102479434 |  |
| pfda\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.22238305274 | 1.0563580377 | 0.83337724859734486 | 0.9248537411783578 | 0.00102479434 |  |
| pfda\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.13268719802 | 0.1122377403 | 0.23787633145927936 | 0.5249684556342716 | 0.00390457991 |  |
| pfda\_scld | sq\_water\_well | sq\_water\_wellYes | -0.09790215802 | 0.1532212196 | 0.52323933577829118 | 0.8162219287836479 | 0.00390457991 |  |
| pfda\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.07182516640 | 0.1403214466 | 0.60904913514095971 | 0.8530273157478259 | 0.00270231796 |  |
| pfda\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.04709023866 | 0.1335490490 | 0.72458169476826395 | 0.8917928550994019 | 0.00270231796 |  |
| pfda\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.11848550442 | 0.1091356024 | 0.27832139702085046 | 0.5825538212958895 | 0.00316099234 |  |
| pfda\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.06928087412 | 0.1837723392 | 0.70639209383938706 | 0.8912763593044057 | 0.00316099234 |  |
| pfda\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.11121502339 | 0.1212369848 | 0.35955630258942806 | 0.6973213141128302 | 0.00281163941 |  |
| pfda\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.00361724267 | 0.1307108534 | 0.97793718366327420 | 0.9779371836632742 | 0.00281163941 |  |
| pfda\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.11828454491 | 0.1115743299 | 0.28976269305198821 | 0.5825538212958895 | 0.00305208890 |  |
| pfda\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.03045970838 | 0.1566568282 | 0.84593988600083936 | 0.9248537411783578 | 0.00305208890 |  |
| pfda\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.33888418838 | 0.1403517992 | 0.01623333367882546 | 0.1203045452799739 | 0.01846249601 |  |
| pfda\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.32623957681 | 0.1354679273 | 0.01651137591491339 | 0.1203045452799739 | 0.01846249601 |  |
| pfda\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.08153190201 | 0.1070670096 | 0.44683501274426518 | 0.7729038058279182 | 0.00227853340 |  |
| pfda\_scld | sq\_water\_none | sq\_water\_noneYes | -0.16116851633 | 0.2459694800 | 0.51271635885510181 | 0.8162219287836479 | 0.00227853340 |  |
| pfda\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.14035669239 | 0.1084337062 | 0.19632346742509224 | 0.5249684556342716 | 0.00471690475 |  |
| pfda\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | 0.00574184469 | 0.2047344015 | 0.97764091282821886 | 0.9779371836632742 | 0.00471690475 |  |
| pfda\_scld | source\_DUKE | source\_DUKEEmory | 0.24632049084 | 0.1489554863 | 0.09903735645483756 | 0.3685842125767111 | 0.02161556288 |  |
| pfda\_scld | source\_DUKE | source\_DUKENCSU | 0.15663049262 | 0.1299487539 | 0.22883989200648025 | 0.5249684556342716 | 0.02161556288 |  |
| pfda\_scld | source\_DUKE | source\_DUKEUNC | -0.41780340507 | 0.2574072847 | 0.10540589325952077 | 0.3685842125767111 | 0.02161556288 |  |
| pfda\_scld | source\_Emory | source\_EmoryDUKE | -0.24632049084 | 0.1489554863 | 0.09903735645483616 | 0.3685842125767111 | 0.02161556288 |  |
| pfda\_scld | source\_Emory | source\_EmoryNCSU | -0.08968999822 | 0.1270384879 | 0.48062363680237086 | 0.7887157116756890 | 0.02161556288 |  |
| pfda\_scld | source\_Emory | source\_EmoryUNC | -0.66412389592 | 0.2559504034 | 0.00983867718366343 | 0.1203045452799739 | 0.02161556288 |  |
| pfda\_scld | source\_NCSU | source\_NCSUDUKE | -0.15663049262 | 0.1299487539 | 0.22883989200647625 | 0.5249684556342716 | 0.02161556288 |  |
| pfda\_scld | source\_NCSU | source\_NCSUEmory | 0.08968999822 | 0.1270384879 | 0.48062363680237297 | 0.7887157116756890 | 0.02161556288 |  |
| pfda\_scld | source\_NCSU | source\_NCSUUNC | -0.57443389769 | 0.2453763450 | 0.01975511965099378 | 0.1203045452799739 | 0.02161556288 |  |
| pfda\_scld | source\_UNC | source\_UNCDUKE | 0.41780340507 | 0.2574072847 | 0.10540589325952415 | 0.3685842125767111 | 0.02161556288 |  |
| pfda\_scld | source\_UNC | source\_UNCEmory | 0.66412389592 | 0.2559504034 | 0.00983867718366370 | 0.1203045452799739 | 0.02161556288 |  |
| pfda\_scld | source\_UNC | source\_UNCNCSU | 0.57443389769 | 0.2453763450 | 0.01975511965099431 | 0.1203045452799739 | 0.02161556288 |  |
| pfna\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.02285242310 | 0.0054454117 | 0.00003418692654294 | 0.0021879632987482 | 0.04676373311 | \* |
| pfna\_scld | bmi | bmi | -0.01016268100 | 0.0077671591 | 0.19162630103330469 | 0.4905633306452600 | 0.00506927381 |  |
| pfna\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00012960498 | 0.0006643203 | 0.84543151201780353 | 0.9902345464243414 | 0.00010781192 |  |
| pfna\_scld | sex | sexMale | -0.18249153129 | 0.1074370030 | 0.09022350808632779 | 0.3983431121730535 | 0.00761500172 |  |
| pfna\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.11143909821 | 0.2563278805 | 0.66399374875135109 | 0.9238173895670971 | 0.00687002033 |  |
| pfna\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.07538354085 | 0.3502631049 | 0.82971361421867285 | 0.9902345464243414 | 0.00687002033 |  |
| pfna\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.23515848590 | 0.2457031970 | 0.33914499829760592 | 0.6461275898511377 | 0.00687002033 |  |
| pfna\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.01020295708 | 0.3072010650 | 0.97352278690986982 | 0.9902345464243414 | 0.00687002033 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.40836216247 | 0.8700520487 | 0.63909403257552033 | 0.9089337352185178 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelAsian | 0.02058182720 | 0.9171153855 | 0.98210757437301877 | 0.9902345464243414 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.08606945921 | 0.8202929381 | 0.91649211572679745 | 0.9902345464243414 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelBlack | -0.08727715321 | 0.7168235637 | 0.90315899910311692 | 0.9902345464243414 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelMore than one race | 1.44634112983 | 1.2304394072 | 0.24056574567075789 | 0.5309037145837415 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelOther | -0.20129650697 | 0.7673137828 | 0.79320631331816138 | 0.9762539240838910 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.21918309489 | 0.8055116745 | 0.78569410082999758 | 0.9762539240838910 | 0.01209719059 |  |
| pfna\_scld | race\_final\_label | race\_final\_labelWhite | 0.03100524184 | 0.7134369117 | 0.96535916817748113 | 0.9902345464243414 | 0.01209719059 |  |
| pfna\_scld | ethnicity | ethnicityNot Hispanic | 0.19057081425 | 0.2421878110 | 0.43185377958703053 | 0.7469903214478366 | 0.00351494479 |  |
| pfna\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.01020295708 | 0.3068978513 | 0.97349654239087935 | 0.9902345464243414 | 0.00351494479 |  |
| pfna\_scld | rural | ruralLiving in rural area | -0.16657258549 | 0.1860668818 | 0.37123860525779162 | 0.6599797426805184 | 0.00327379508 |  |
| pfna\_scld | rural | ruralUnknown/Not Reported | -0.12227732775 | 0.1631268638 | 0.45397511461727769 | 0.7645896667238361 | 0.00327379508 |  |
| pfna\_scld | smoking | smokingSmoke or use vape | -0.55049716636 | 0.1787731176 | 0.00222769302932113 | 0.0475241179588507 | 0.03051335321 | \* |
| pfna\_scld | smoking | smokingUnknown/Not Reported | -0.24303361665 | 0.1153575202 | 0.03579987987392344 | 0.2545769235479000 | 0.03051335321 |  |
| pfna\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.15214353078 | 0.1537056377 | 0.32289373258877185 | 0.6457874651775437 | 0.04668644107 |  |
| pfna\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.08756479489 | 0.1459484318 | 0.54888903846189629 | 0.8728643671124475 | 0.04668644107 |  |
| pfna\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.54724551782 | 0.1456632689 | 0.00019945705989474 | 0.0063826259166316 | 0.04668644107 | \* |
| pfna\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.51911941946 | 0.4619101467 | 0.26179593804969253 | 0.5404819366187200 | 0.04751582125 |  |
| pfna\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.17936334767 | 0.2545000955 | 0.48139369719177927 | 0.7899794005198428 | 0.04751582125 |  |
| pfna\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.29630208274 | 0.2385293741 | 0.21493974642397642 | 0.5290824527359420 | 0.04751582125 |  |
| pfna\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.16998081239 | 0.1134192174 | 0.13479409364303724 | 0.4792678885085768 | 0.00668696976 |  |
| pfna\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.07765272744 | 0.2505363485 | 0.75677422534221872 | 0.9692116528672067 | 0.00668696976 |  |
| pfna\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.15324170559 | 0.1138740977 | 0.17920855998162405 | 0.4861416605301286 | 0.00480767523 |  |
| pfna\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | -0.04152663629 | 0.2441671734 | 0.86504317800143804 | 0.9902345464243414 | 0.00480767523 |  |
| pfna\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.13783174590 | 0.3808340982 | 0.71761513785548414 | 0.9692116528672067 | 0.00904468337 |  |
| pfna\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 1.04553009228 | 0.6256038377 | 0.09550981098712773 | 0.3983431121730535 | 0.00904468337 |  |
| pfna\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.30899292899 | 0.3378339808 | 0.36097388049451384 | 0.6599797426805184 | 0.00265467370 |  |
| pfna\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | 0.10145385531 | 1.0554959347 | 0.92347692411988780 | 0.9902345464243414 | 0.00265467370 |  |
| pfna\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.19791095634 | 0.1119687995 | 0.07794860503604970 | 0.3983431121730535 | 0.00867249072 |  |
| pfna\_scld | sq\_water\_well | sq\_water\_wellYes | -0.14505144638 | 0.1528540754 | 0.34325528210841694 | 0.6461275898511377 | 0.00867249072 |  |
| pfna\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.06685848275 | 0.1402279708 | 0.63379349809383023 | 0.9089337352185178 | 0.00403058376 |  |
| pfna\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.07774682125 | 0.1334600848 | 0.56054814450977120 | 0.8728643671124475 | 0.00403058376 |  |
| pfna\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.15719663895 | 0.1090065819 | 0.15011332667990274 | 0.4861416605301286 | 0.00551653151 |  |
| pfna\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.06359736630 | 0.1835550830 | 0.72917960795943682 | 0.9692116528672067 | 0.00551653151 |  |
| pfna\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.16765748230 | 0.1210921524 | 0.16701503357658093 | 0.4861416605301286 | 0.00519274367 |  |
| pfna\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.06287281614 | 0.1305547033 | 0.63038370929637866 | 0.9089337352185178 | 0.00519274367 |  |
| pfna\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.17148290513 | 0.1113927833 | 0.12453939373143023 | 0.4688541881653844 | 0.00629378892 |  |
| pfna\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.08827373415 | 0.1564019262 | 0.57281724091754371 | 0.8728643671124475 | 0.00629378892 |  |
| pfna\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.31695071374 | 0.1406559277 | 0.02481255320482565 | 0.1985004256386052 | 0.01420409731 |  |
| pfna\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.25741602293 | 0.1357614730 | 0.05871655083207015 | 0.3757859253252490 | 0.01420409731 |  |
| pfna\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.15039524262 | 0.1067913604 | 0.15986807660112737 | 0.4861416605301286 | 0.00740928385 |  |
| pfna\_scld | sq\_water\_none | sq\_water\_noneYes | -0.28059297095 | 0.2453362198 | 0.25347435646347488 | 0.5404819366187200 | 0.00740928385 |  |
| pfna\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.17879316843 | 0.1082970853 | 0.09958577804326338 | 0.3983431121730535 | 0.00722333688 |  |
| pfna\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.06326299693 | 0.2044764466 | 0.75719660380250520 | 0.9692116528672067 | 0.00722333688 |  |
| pfna\_scld | source\_DUKE | source\_DUKEEmory | 0.17536978665 | 0.1491077192 | 0.24029175304655306 | 0.5309037145837415 | 0.01961471859 |  |
| pfna\_scld | source\_DUKE | source\_DUKENCSU | 0.17381227076 | 0.1300815618 | 0.18230312269879825 | 0.4861416605301286 | 0.01961471859 |  |
| pfna\_scld | source\_DUKE | source\_DUKEUNC | -0.42883158011 | 0.2576703556 | 0.09689716401323664 | 0.3983431121730535 | 0.01961471859 |  |
| pfna\_scld | source\_Emory | source\_EmoryDUKE | -0.17536978665 | 0.1491077192 | 0.24029175304654887 | 0.5309037145837415 | 0.01961471859 |  |
| pfna\_scld | source\_Emory | source\_EmoryNCSU | -0.00155751589 | 0.1271683215 | 0.99023454642433784 | 0.9902345464243414 | 0.01961471859 |  |
| pfna\_scld | source\_Emory | source\_EmoryUNC | -0.60420136676 | 0.2562119853 | 0.01887733932902677 | 0.1725928167225380 | 0.01961471859 |  |
| pfna\_scld | source\_NCSU | source\_NCSUDUKE | -0.17381227076 | 0.1300815618 | 0.18230312269879342 | 0.4861416605301286 | 0.01961471859 |  |
| pfna\_scld | source\_NCSU | source\_NCSUEmory | 0.00155751589 | 0.1271683215 | 0.99023454642434139 | 0.9902345464243414 | 0.01961471859 |  |
| pfna\_scld | source\_NCSU | source\_NCSUUNC | -0.60264385087 | 0.2456271202 | 0.01460320606677261 | 0.1725928167225380 | 0.01961471859 |  |
| pfna\_scld | source\_UNC | source\_UNCDUKE | 0.42883158011 | 0.2576703556 | 0.09689716401324169 | 0.3983431121730535 | 0.01961471859 |  |
| pfna\_scld | source\_UNC | source\_UNCEmory | 0.60420136676 | 0.2562119853 | 0.01887733932902760 | 0.1725928167225380 | 0.01961471859 |  |
| pfna\_scld | source\_UNC | source\_UNCNCSU | 0.60264385087 | 0.2456271202 | 0.01460320606677334 | 0.1725928167225380 | 0.01961471859 |  |
| pfoa\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.01990379953 | 0.0054862138 | 0.00032706545799936 | 0.0127517330055220 | 0.03536668327 | \* |
| pfoa\_scld | bmi | bmi | -0.01850220830 | 0.0077347505 | 0.01730193122393180 | 0.2214647196663271 | 0.01674485759 |  |
| pfoa\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | 0.00025406806 | 0.0006697426 | 0.70465471480120978 | 0.9129251466637129 | 0.00040750471 |  |
| pfoa\_scld | sex | sexMale | -0.12516480332 | 0.1076550805 | 0.24571033496867928 | 0.5558727759009865 | 0.00358219330 |  |
| pfoa\_scld | race\_eth\_label | race\_eth\_labelNHB | -0.14944647943 | 0.2521405092 | 0.55373366719946415 | 0.8643647487991636 | 0.03905252447 |  |
| pfoa\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.13817704270 | 0.3445412081 | 0.68861553399694753 | 0.9129251466637129 | 0.03905252447 |  |
| pfoa\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.29883181637 | 0.2416893905 | 0.21707705491636420 | 0.5411755096452250 | 0.03905252447 |  |
| pfoa\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | 0.01456195611 | 0.3021826295 | 0.96159120427070899 | 0.9774778273391838 | 0.03905252447 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.91618293469 | 0.8559090812 | 0.28512956842825349 | 0.5702591368565070 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelAsian | -0.16659939171 | 0.9022073889 | 0.85359910027216379 | 0.9294245679685977 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | -0.22061625933 | 0.8069588206 | 0.78470468953874239 | 0.9129251466637129 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelBlack | -0.66457805131 | 0.7051713731 | 0.34658666604373178 | 0.6161540729666343 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelMore than one race | 0.30874904334 | 1.2104382308 | 0.79880950333074885 | 0.9129251466637129 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelOther | -0.53391409153 | 0.7548408579 | 0.47981405493110585 | 0.7873871670664301 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.20786340487 | 0.7924178310 | 0.79322466529839031 | 0.9129251466637129 | 0.04395348851 |  |
| pfoa\_scld | race\_final\_label | race\_final\_labelWhite | -0.23361134664 | 0.7018397722 | 0.73943226114681049 | 0.9129251466637129 | 0.04395348851 |  |
| pfoa\_scld | ethnicity | ethnicityNot Hispanic | 0.15605957242 | 0.2423416945 | 0.51999177754676029 | 0.8319868440748165 | 0.00224823093 |  |
| pfoa\_scld | ethnicity | ethnicityUnknown/Not Reported | 0.01456195611 | 0.3070928509 | 0.96220473628700909 | 0.9774778273391838 | 0.00224823093 |  |
| pfoa\_scld | rural | ruralLiving in rural area | -0.19014848628 | 0.1858939541 | 0.30702073717271200 | 0.5779213876192226 | 0.00512561774 |  |
| pfoa\_scld | rural | ruralUnknown/Not Reported | -0.17063001679 | 0.1629752563 | 0.29578828788986516 | 0.5736500128773143 | 0.00512561774 |  |
| pfoa\_scld | smoking | smokingSmoke or use vape | -0.40978883374 | 0.1797926207 | 0.02321464375482415 | 0.2476228667181243 | 0.01942429385 |  |
| pfoa\_scld | smoking | smokingUnknown/Not Reported | -0.22263200726 | 0.1160153782 | 0.05574471466387071 | 0.3964068598319694 | 0.01942429385 |  |
| pfoa\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.11149608945 | 0.1538656046 | 0.46913030842951264 | 0.7873871670664301 | 0.04470111337 |  |
| pfoa\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.06476309514 | 0.1461003256 | 0.65782079765542645 | 0.8957559797861125 | 0.04470111337 |  |
| pfoa\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.52105355740 | 0.1458148659 | 0.00039849165642256 | 0.0127517330055220 | 0.04470111337 | \* |
| pfoa\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | -0.21966859499 | 0.4626702644 | 0.63521781557621648 | 0.8837813086277795 | 0.04437843249 |  |
| pfoa\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.04042465331 | 0.2549189000 | 0.87408657104041743 | 0.9323590091097785 | 0.04437843249 |  |
| pfoa\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.44104997572 | 0.2389218972 | 0.06568218157936893 | 0.4203659621079612 | 0.04437843249 |  |
| pfoa\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.17885175294 | 0.1133997542 | 0.11559742974387974 | 0.4210508939762224 | 0.00702785435 |  |
| pfoa\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.04522819244 | 0.2504933553 | 0.85681327359605108 | 0.9294245679685977 | 0.00702785435 |  |
| pfoa\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.17786660733 | 0.1137691596 | 0.11880220685086884 | 0.4210508939762224 | 0.00664102435 |  |
| pfoa\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.00515648437 | 0.2439421666 | 0.98314670068817211 | 0.9831467006881721 | 0.00664102435 |  |
| pfoa\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.44380109830 | 0.3816552234 | 0.24563690847941486 | 0.5558727759009865 | 0.00476683314 |  |
| pfoa\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.77050797170 | 0.6269527166 | 0.21985255079337265 | 0.5411755096452250 | 0.00476683314 |  |
| pfoa\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | 0.10780508159 | 0.3381317465 | 0.75003621633080930 | 0.9129251466637129 | 0.00089578573 |  |
| pfoa\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.38080944008 | 1.0564262450 | 0.71869901424882265 | 0.9129251466637129 | 0.00089578573 |  |
| pfoa\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.18653694538 | 0.1120380199 | 0.09675928899760877 | 0.4210508939762224 | 0.00744641184 |  |
| pfoa\_scld | sq\_water\_well | sq\_water\_wellYes | -0.11223939809 | 0.1529485715 | 0.46350632851723095 | 0.7873871670664301 | 0.00744641184 |  |
| pfoa\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.00717499280 | 0.1399489865 | 0.95913876245625251 | 0.9774778273391838 | 0.00798961564 |  |
| pfoa\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | 0.17549299403 | 0.1331945651 | 0.18845245498274266 | 0.5025398799539804 | 0.00798961564 |  |
| pfoa\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.16064803523 | 0.1089323432 | 0.14111864812130245 | 0.4300758799887313 | 0.00687065266 |  |
| pfoa\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | -0.18414678866 | 0.1834300731 | 0.31607063806374974 | 0.5779577381737138 | 0.00687065266 |  |
| pfoa\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.18099109271 | 0.1210149547 | 0.13559656249832411 | 0.4300758799887313 | 0.00646074169 |  |
| pfoa\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.14435720063 | 0.1304714731 | 0.26925087582704033 | 0.5558727759009865 | 0.00646074169 |  |
| pfoa\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.17126417939 | 0.1113869719 | 0.12499948414919104 | 0.4210508939762224 | 0.00639747011 |  |
| pfoa\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | -0.04422335533 | 0.1563937667 | 0.77750970889267790 | 0.9129251466637129 | 0.00639747011 |  |
| pfoa\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.43728254052 | 0.1392429583 | 0.00182086074126584 | 0.0291337718602535 | 0.03391038767 | \* |
| pfoa\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.45962196552 | 0.1343976711 | 0.00069540024129137 | 0.0148352051475492 | 0.03391038767 | \* |
| pfoa\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.16543176316 | 0.1065914061 | 0.12150146864343667 | 0.4210508939762224 | 0.01112282351 |  |
| pfoa\_scld | sq\_water\_none | sq\_water\_noneYes | -0.39284391304 | 0.2448768565 | 0.10950059241961881 | 0.4210508939762224 | 0.01112282351 |  |
| pfoa\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.18103712113 | 0.1082825523 | 0.09537905447063832 | 0.4210508939762224 | 0.00748977098 |  |
| pfoa\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.03766610528 | 0.2044490068 | 0.85393082686462518 | 0.9294245679685977 | 0.00748977098 |  |
| pfoa\_scld | source\_DUKE | source\_DUKEEmory | 0.07628426924 | 0.1496555592 | 0.61053968426051575 | 0.8683231065038447 | 0.01239737299 |  |
| pfoa\_scld | source\_DUKE | source\_DUKENCSU | 0.14560442945 | 0.1305594974 | 0.26546611648041263 | 0.5558727759009865 | 0.01239737299 |  |
| pfoa\_scld | source\_DUKE | source\_DUKEUNC | -0.35228342099 | 0.2586170680 | 0.17396038192723678 | 0.4840636714497085 | 0.01239737299 |  |
| pfoa\_scld | source\_Emory | source\_EmoryDUKE | -0.07628426924 | 0.1496555592 | 0.61053968426051308 | 0.8683231065038447 | 0.01239737299 |  |
| pfoa\_scld | source\_Emory | source\_EmoryNCSU | 0.06932016021 | 0.1276355535 | 0.58737751970846286 | 0.8683231065038447 | 0.01239737299 |  |
| pfoa\_scld | source\_Emory | source\_EmoryUNC | -0.42856769023 | 0.2571533395 | 0.09643431102686301 | 0.4210508939762224 | 0.01239737299 |  |
| pfoa\_scld | source\_NCSU | source\_NCSUDUKE | -0.14560442945 | 0.1305594974 | 0.26546611648040963 | 0.5558727759009865 | 0.01239737299 |  |
| pfoa\_scld | source\_NCSU | source\_NCSUEmory | -0.06932016021 | 0.1276355535 | 0.58737751970846630 | 0.8683231065038447 | 0.01239737299 |  |
| pfoa\_scld | source\_NCSU | source\_NCSUUNC | -0.49788785044 | 0.2465295844 | 0.04413904188486677 | 0.3531123350789371 | 0.01239737299 |  |
| pfoa\_scld | source\_UNC | source\_UNCDUKE | 0.35228342099 | 0.2586170680 | 0.17396038192723901 | 0.4840636714497085 | 0.01239737299 |  |
| pfoa\_scld | source\_UNC | source\_UNCEmory | 0.42856769023 | 0.2571533395 | 0.09643431102686274 | 0.4210508939762224 | 0.01239737299 |  |
| pfoa\_scld | source\_UNC | source\_UNCNCSU | 0.49788785044 | 0.2465295844 | 0.04413904188486714 | 0.3531123350789371 | 0.01239737299 |  |
| pfos\_scld | age\_at\_enrollment | age\_at\_enrollment | 0.03015972790 | 0.0053670580 | 0.00000003849922364 | 0.0000024639503131 | 0.08084900375 | \* |
| pfos\_scld | bmi | bmi | -0.00632410823 | 0.0074724509 | 0.39797483121906918 | 0.7913530286034347 | 0.00212720016 |  |
| pfos\_scld | trig\_mg\_d\_l | trig\_mg\_d\_l | -0.00060423845 | 0.0006670563 | 0.36564464944825859 | 0.7913530286034347 | 0.00231904218 |  |
| pfos\_scld | sex | sexMale | 0.17018018712 | 0.1074907304 | 0.11421477651813232 | 0.5622881305508053 | 0.00662220421 |  |
| pfos\_scld | race\_eth\_label | race\_eth\_labelNHB | 0.17735142739 | 0.2563541876 | 0.48947961492581005 | 0.7913530286034347 | 0.00666615893 |  |
| pfos\_scld | race\_eth\_label | race\_eth\_labelNHO | 0.21368881066 | 0.3502990526 | 0.54222117666899239 | 0.7913530286034347 | 0.00666615893 |  |
| pfos\_scld | race\_eth\_label | race\_eth\_labelNHW | 0.22072926125 | 0.2457284137 | 0.36962368798292344 | 0.7913530286034347 | 0.00666615893 |  |
| pfos\_scld | race\_eth\_label | race\_eth\_labelUnknown/Not Reported | -0.06425467746 | 0.3072325932 | 0.83445298522020916 | 0.9338944013380809 | 0.00666615893 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelAmerican Indian/Alaskan Native | -0.35562242319 | 0.8629642735 | 0.68050979550967017 | 0.8710525382523778 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelAsian | 0.55871986202 | 0.9096442145 | 0.53944977307803765 | 0.7913530286034347 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelAsian/Pacific Islander | 0.60156223029 | 0.8136105196 | 0.46015018354655801 | 0.7913530286034347 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelBlack | 0.22616463137 | 0.7109840461 | 0.75058838504755643 | 0.9063708800574266 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelMore than one race | 2.76283279787 | 1.2204157794 | 0.02416364137169914 | 0.1933091309735931 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelOther | -0.00499955824 | 0.7610629526 | 0.99476214173653466 | 0.9967697144858698 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelUnknown/Not Reported | -0.10043068634 | 0.7989496698 | 0.90003517271675992 | 0.9442991976044695 | 0.02812729459 |  |
| pfos\_scld | race\_final\_label | race\_final\_labelWhite | 0.25650160083 | 0.7076249830 | 0.71719909410736382 | 0.8827065773629094 | 0.02812729459 |  |
| pfos\_scld | ethnicity | ethnicityNot Hispanic | 0.20729582419 | 0.2418467021 | 0.39191644876826492 | 0.7913530286034347 | 0.00631996241 |  |
| pfos\_scld | ethnicity | ethnicityUnknown/Not Reported | -0.06425467746 | 0.3064656017 | 0.83404410390462613 | 0.9338944013380809 | 0.00631996241 |  |
| pfos\_scld | rural | ruralLiving in rural area | -0.15050379014 | 0.1862088782 | 0.41945767850033333 | 0.7913530286034347 | 0.00175191664 |  |
| pfos\_scld | rural | ruralUnknown/Not Reported | -0.02567749874 | 0.1632513537 | 0.87510243365735252 | 0.9338944013380809 | 0.00175191664 |  |
| pfos\_scld | smoking | smokingSmoke or use vape | -0.56816147223 | 0.1789749168 | 0.00162483462451516 | 0.0519947079844851 | 0.02832340453 |  |
| pfos\_scld | smoking | smokingUnknown/Not Reported | -0.17764283744 | 0.1154877358 | 0.12484388703392600 | 0.5707149121550903 | 0.02832340453 |  |
| pfos\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholNo, never drinker | 0.09279790313 | 0.1559690368 | 0.55221901412799523 | 0.7913530286034347 | 0.01840360162 |  |
| pfos\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholUnknown/Not Reported | 0.05662533076 | 0.1480976019 | 0.70241788701347452 | 0.8814655837031837 | 0.01840360162 |  |
| pfos\_scld | sq\_drink\_alcohol | sq\_drink\_alcoholYes, current drinker | 0.34378772488 | 0.1478082398 | 0.02055765705795059 | 0.1879557216726911 | 0.01840360162 |  |
| pfos\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_day3-4 alcoholic drinks per day | 0.28474407065 | 0.4688410024 | 0.54399643142907372 | 0.7913530286034347 | 0.01871776305 |  |
| pfos\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayLess than 1 alcoholic drink per day | 0.14733130408 | 0.2583188110 | 0.56878498930871868 | 0.7913530286034347 | 0.01871776305 |  |
| pfos\_scld | sq\_average\_drink\_per\_day | sq\_average\_drink\_per\_dayUnknown/Not Reported | -0.16172303201 | 0.2421084526 | 0.50455986461979818 | 0.7913530286034347 | 0.01871776305 |  |
| pfos\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bUnknown/Not Reported | -0.09608172406 | 0.1134662916 | 0.39765419685309278 | 0.7913530286034347 | 0.00586225824 |  |
| pfos\_scld | sq\_self\_hep\_b | sq\_self\_hep\_bYes | 0.27321564105 | 0.2506403325 | 0.27638203097614938 | 0.7913530286034347 | 0.00586225824 |  |
| pfos\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cUnknown/Not Reported | -0.08827848999 | 0.1138333638 | 0.43852931773111470 | 0.7913530286034347 | 0.00551952928 |  |
| pfos\_scld | sq\_self\_hep\_c | sq\_self\_hep\_cYes | 0.26631945107 | 0.2440798322 | 0.27592232776750170 | 0.7913530286034347 | 0.00551952928 |  |
| pfos\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolUnknown/Not Reported | 0.22225409868 | 0.3822471720 | 0.56129273508638611 | 0.7913530286034347 | 0.00167721880 |  |
| pfos\_scld | supp\_meds\_tylenol | supp\_meds\_tylenolYes | 0.49018745604 | 0.6279251224 | 0.43550301353660792 | 0.7913530286034347 | 0.00167721880 |  |
| pfos\_scld | supp\_meds\_steroids | supp\_meds\_steroidsUnknown/Not Reported | -0.00137046605 | 0.3382803036 | 0.99676971448586982 | 0.9967697144858698 | 0.00001768642 |  |
| pfos\_scld | supp\_meds\_steroids | supp\_meds\_steroidsYes | -0.08300121298 | 1.0568903825 | 0.93744563737665432 | 0.9676858192275141 | 0.00001768642 |  |
| pfos\_scld | sq\_water\_well | sq\_water\_wellUnknown/Not Reported | -0.13821435834 | 0.1121796561 | 0.21869101547986863 | 0.7913530286034347 | 0.00493529369 |  |
| pfos\_scld | sq\_water\_well | sq\_water\_wellYes | -0.14605474755 | 0.1531419260 | 0.34083898263584533 | 0.7913530286034347 | 0.00493529369 |  |
| pfos\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredUnknown/Not Reported | -0.10884128949 | 0.1403792710 | 0.43862900238366409 | 0.7913530286034347 | 0.00188020434 |  |
| pfos\_scld | sq\_water\_tap\_unfiltered | sq\_water\_tap\_unfilteredYes | -0.03152028087 | 0.1336040827 | 0.81362118915627635 | 0.9338944013380809 | 0.00188020434 |  |
| pfos\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationUnknown/Not Reported | -0.10144195077 | 0.1091586196 | 0.35332742478950041 | 0.7913530286034347 | 0.00274047213 |  |
| pfos\_scld | sq\_water\_house\_filtration | sq\_water\_house\_filtrationYes | 0.02881244426 | 0.1838110977 | 0.87552600125445079 | 0.9338944013380809 | 0.00274047213 |  |
| pfos\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterUnknown/Not Reported | -0.14451134890 | 0.1211569867 | 0.23371706850434837 | 0.7913530286034347 | 0.00412719330 |  |
| pfos\_scld | sq\_water\_faucet\_filter | sq\_water\_faucet\_filterYes | -0.11576443844 | 0.1306246039 | 0.37605746039474852 | 0.7913530286034347 | 0.00412719330 |  |
| pfos\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterUnknown/Not Reported | -0.09435771005 | 0.1115396003 | 0.39811618261251014 | 0.7913530286034347 | 0.00367262920 |  |
| pfos\_scld | sq\_water\_charcoal\_filter | sq\_water\_charcoal\_filterYes | 0.07837485262 | 0.1566080658 | 0.61705027014982561 | 0.8059432099916088 | 0.00367262920 |  |
| pfos\_scld | sq\_water\_bottled | sq\_water\_bottledUnknown/Not Reported | -0.37438959384 | 0.1398682572 | 0.00776080774017603 | 0.1241729238428164 | 0.02521406023 |  |
| pfos\_scld | sq\_water\_bottled | sq\_water\_bottledYes | -0.39800413798 | 0.1350012112 | 0.00339692534565435 | 0.0724677407072929 | 0.02521406023 |  |
| pfos\_scld | sq\_water\_none | sq\_water\_noneUnknown/Not Reported | -0.09715229470 | 0.1069918879 | 0.36444330562043414 | 0.7913530286034347 | 0.00367811088 |  |
| pfos\_scld | sq\_water\_none | sq\_water\_noneYes | -0.22134405610 | 0.2457968997 | 0.36842362123646244 | 0.7913530286034347 | 0.00367811088 |  |
| pfos\_scld | sq\_water\_other\_type | sq\_water\_other\_typeUnknown/Not Reported | -0.11865182176 | 0.1084945934 | 0.27482381292786012 | 0.7913530286034347 | 0.00359885839 |  |
| pfos\_scld | sq\_water\_other\_type | sq\_water\_other\_typeYes | -0.12858001415 | 0.2048493630 | 0.53059508137585887 | 0.7913530286034347 | 0.00359885839 |  |
| pfos\_scld | source\_DUKE | source\_DUKEEmory | 0.02812398302 | 0.1493325110 | 0.85071911056610705 | 0.9338944013380809 | 0.01665647265 |  |
| pfos\_scld | source\_DUKE | source\_DUKENCSU | 0.09358348621 | 0.1302776701 | 0.47299700456988047 | 0.7913530286034347 | 0.01665647265 |  |
| pfos\_scld | source\_DUKE | source\_DUKEUNC | -0.52121989587 | 0.2580588141 | 0.04411973398290769 | 0.2353052479088489 | 0.01665647265 |  |
| pfos\_scld | source\_Emory | source\_EmoryDUKE | -0.02812398302 | 0.1493325110 | 0.85071911056610372 | 0.9338944013380809 | 0.01665647265 |  |
| pfos\_scld | source\_Emory | source\_EmoryNCSU | 0.06545950319 | 0.1273600379 | 0.60757504689611586 | 0.8059432099916088 | 0.01665647265 |  |
| pfos\_scld | source\_Emory | source\_EmoryUNC | -0.54934387889 | 0.2565982452 | 0.03293039529831022 | 0.2107545299091883 | 0.01665647265 |  |
| pfos\_scld | source\_NCSU | source\_NCSUDUKE | -0.09358348621 | 0.1302776701 | 0.47299700456987515 | 0.7913530286034347 | 0.01665647265 |  |
| pfos\_scld | source\_NCSU | source\_NCSUEmory | -0.06545950319 | 0.1273600379 | 0.60757504689611663 | 0.8059432099916088 | 0.01665647265 |  |
| pfos\_scld | source\_NCSU | source\_NCSUUNC | -0.61480338208 | 0.2459974227 | 0.01287440894613580 | 0.1373270287587862 | 0.01665647265 |  |
| pfos\_scld | source\_UNC | source\_UNCDUKE | 0.52121989587 | 0.2580588141 | 0.04411973398290918 | 0.2353052479088489 | 0.01665647265 |  |
| pfos\_scld | source\_UNC | source\_UNCEmory | 0.54934387889 | 0.2565982452 | 0.03293039529831067 | 0.2107545299091883 | 0.01665647265 |  |
| pfos\_scld | source\_UNC | source\_UNCNCSU | 0.61480338208 | 0.2459974227 | 0.01287440894613621 | 0.1373270287587862 | 0.01665647265 |  |