Analysis Results - Correlation

tegory	variable_1	variable_2	correlation	p_value
relation	LAT	LAT	1.0	None
relation	LAT	LONG	0.999395043381836	0.0
relation	LAT	ENV_SOILNH4	0.06351062229139273	0.2352965671082285
relation	LAT	ENV_SOILNO3	0.05811996500032093	0.2782087043959793
relation	LAT	ENV_SOILP	0.16896816203854834	0.0010696887821856
relation	LAT	ENV_SOILOC	0.8661476861096221	1.3116281432067432e-1
relation	LAT	ENV_SOILTN	0.8569295476852598	2.1030241525861166e-1
relation	LAT	ENV_SOILTC	0.8577784080349937	7.541215655030808e-1
relation	LAT	ENV_PH	-0.06562048575542942	0.1953882996093661
relation	LAT	ENV_SOILCLAY	0.9109138727661092	2.9612175770774484e-1
relation	LAT	ENV_SOILSILT	0.9203080835449503	3.1005253666333696e-1
relation	LAT	ENV_SOILSAND	-0.9557562543394396	2.735993601656553e-2
relation	LAT	ENV_SOILMOIS	0.8396392870811635	1.2458819821307354e-1
relation	LAT	RC_SHOOTMASS	0.4481337310516942	1.628725947967415e-2
relation	LAT	RC_WOODMASS	0.15225342156196528	0.00267319393806642
relation	LAT	RC_LITTERMASS	0.08941288260392215	0.0829547723126199
relation	LAT	RC_LITTERWMASS	-0.037099087168031536	0.4726406240691231
relation	LAT	PC_SHOOTMASS	0.3924691088736954	6.361963474958979e-1
relation	LAT	PC_WOODMASS	0.21703925333046295	1.4197706136396456e-
relation	LAT	PC_LITTERMASS	0.029243353497779595	0.563261481989401
relation	LAT	PC_LITTERWMASS	-0.031365064078597925	0.5352840426294311
relation	LAT	PC_ROOTMASS	0.1279959054945492	0.0660688753804067
relation	LAT	PC_HEIGHT	0.4860389715865934	1.9145188268510122e-
relation	LAT	GH_COUNT	-0.7813062139965271	1.6248731616668093e-
relation	LAT	ENV_AIRTEMP	0.006937574557053264	0.9185059413658443
relation	LAT	COVER_RICHNESS_JUN	-0.002119913330964899	0.9664568987914282
relation	LAT	COVER_TOTAL_JUN	0.4087227507518729	2.2318762619097523e-
relation	LAT	COVER_SHANNON_JUN	-0.0008413276417072801	0.9866844938546905
relation	LAT	COVER_RICHNESS_JUL	-0.03532287373247529	0.4833572862601114
relation	LAT	COVER_TOTAL_JUL	0.2520542252535533	3.7299656921172744e-
relation	LAT	COVER_SHANNON_JUL	-0.029160750471584403	0.5628724222783176

relation	LAT	COVER_RICHNESS_AUG	0.03260750484108213	0.5176306448396728
relation	LAT	COVER_TOTAL_AUG	0.3292342980131516	1.82715262279143e-1
relation	LAT	COVER_SHANNON_AUG	0.039914210002477725	0.4283096082157622
relation	LAT	PASTURE_TOTALAREA	-0.9624679754864537	2.8823265295431755e-2
relation	LAT	SUBPASTURE_TOTALAREA	-0.9009295707677581	6.401112831168774e-1
relation	LAT	PASTURE_FORESTAREA	0.7776657473511446	1.9639752705377397e-
relation	LAT	PASTURE_WETLANDAREA	-0.2355005080227083	2.154181210011955e-0
relation	LAT	SUBPASTURE_FORESTAREA	0.4510195720283589	6.875534316892405e-1
relation	LAT	SUBPASTURE_WETLANDAREA	-0.0015979268440782172	0.9785733345546753
relation	LONG	LAT	0.999395043381836	0.0
relation	LONG	LONG	1.0	None
relation	LONG	ENV_SOILNH4	0.06319677337461463	0.2376231685809266
relation	LONG	ENV_SOILNO3	0.05596008144846128	0.2964898425603054
relation	LONG	ENV_SOILP	0.1652485064625927	0.00138150141985324
relation	LONG	ENV_SOILOC	0.8637709619959063	2.854461721657398e-1
relation	LONG	ENV_SOILTN	0.8546843418819073	3.0703199110257382e-1
relation	LONG	ENV_SOILTC	0.8556083381790587	1.0242333865603568e-1
relation	LONG	ENV_PH	-0.06250159128296622	0.2175242764528613
relation	LONG	ENV_SOILCLAY	0.9083034161600838	6.1786111082789424e-1
relation	LONG	ENV_SOILSILT	0.9200799234651895	5.2772242819275746e-1
relation	LONG	ENV_SOILSAND	-0.9543694186005504	9.514260958855806e-2
relation	LONG	ENV_SOILMOIS	0.8343124770718499	3.987070655808639e-1
relation	LONG	RC_SHOOTMASS	0.44383880294329336	4.1278636458376794e-
relation	LONG	RC_WOODMASS	0.1558525250994886	0.0021059252917934
relation	LONG	RC_LITTERMASS	0.08586635199219546	0.0959601496994564
relation	LONG	RC_LITTERWMASS	-0.0361896757861884	0.4835698265616552
relation	LONG	PC_SHOOTMASS	0.3862622580526437	1.9679846949167835e-
relation	LONG	PC_WOODMASS	0.22078393319009243	9.982092986453796e-0
relation	LONG	PC_LITTERMASS	0.02873966932799481	0.570004899976873
relation	LONG	PC_LITTERWMASS	-0.03413305824463517	0.4998646345612630
relation	LONG	PC_ROOTMASS	0.04975182570044327	0.4765201362060011
relation	LONG	PC_HEIGHT	0.4821134545882964	3.314546392600102e-1
relation	LONG	GH_COUNT	-0.781192486992799	1.707930269225409e-4
relation	LONG	ENV_AIRTEMP	0.00595473765261751	0.9300192182234516
relation	LONG	COVER_RICHNESS_JUN	0.0009922285381149046	0.9842965026658951

relation	LONG	COVER_TOTAL_JUN	0.4061280804982823	3.7003995073935334e-
relation	LONG	COVER_SHANNON_JUN	0.0002635708089005239	0.9958283492379691
relation	LONG	COVER_RICHNESS_JUL	-0.03369997866822176	0.5036925293175011
relation	LONG	COVER_TOTAL_JUL	0.24927681758234665	5.050137264282005e-
relation	LONG	COVER_SHANNON_JUL	-0.030382782043831165	0.5466166982105708
relation	LONG	COVER_RICHNESS_AUG	0.03841284913090354	0.4458982736526705
relation	LONG	COVER_TOTAL_AUG	0.32502779216969774	3.394710669883529e-
relation	LONG	COVER_SHANNON_AUG	0.04192945883178873	0.4053445641486206
relation	LONG	PASTURE_TOTALAREA	-0.9621925638911005	1.1840784716699209e-
relation	LONG	SUBPASTURE_TOTALAREA	-0.9015312487556365	2.0504870850339016e-
relation	LONG	PASTURE_FORESTAREA	0.7673708098667718	4.726616585087645e-
relation	LONG	PASTURE_WETLANDAREA	-0.22631288041616981	5.403461165453861e-
relation	LONG	SUBPASTURE_FORESTAREA	0.44545397040388707	1.8146242847822073e-
relation	LONG	SUBPASTURE_WETLANDAREA	0.004676432401773655	0.9373502036086777
relation	ENV_SOILNH4	LAT	0.06351062229139273	0.2352965671082285
relation	ENV_SOILNH4	LONG	0.06319677337461463	0.2376231685809266
relation	ENV_SOILNH4	ENV_SOILNH4	1.0	None
relation	ENV_SOILNH4	ENV_SOILNO3	0.9493916891662243	4.268772351340228e-1
relation	ENV_SOILNH4	ENV_SOILP	0.09482637785946318	0.0840227344658729
relation	ENV_SOILNH4	ENV_SOILOC	0.11689197973306352	0.0311746605678615
relation	ENV_SOILNH4	ENV_SOILTN	0.11320957752459554	0.0380695794467027
relation	ENV_SOILNH4	ENV_SOILTC	0.11632146654222034	0.0330477744185492
relation	ENV_SOILNH4	ENV_PH	0.008045362284404495	0.8806111049829255
relation	ENV_SOILNH4	ENV_SOILCLAY	0.0326527360665989	0.5426213245245238
relation	ENV_SOILNH4	ENV_SOILSILT	0.09770823671610124	0.0678825848299284
relation	ENV_SOILNH4	ENV_SOILSAND	-0.0704098003702063	0.1887903293234066
relation	ENV_SOILNH4	ENV_SOILMOIS	0.12618032942294902	0.0180293355088126
relation	ENV_SOILNH4	RC_SHOOTMASS	0.031122949880827373	0.5645308844855412
relation	ENV_SOILNH4	RC_WOODMASS	-0.007765537952642097	0.8857238231575508
relation	ENV_SOILNH4	RC_LITTERMASS	0.009695223214375681	0.8594626300673784
relation	ENV_SOILNH4	RC_LITTERWMASS	-0.024011714310213664	0.6609767686265204
relation	ENV_SOILNH4	PC_SHOOTMASS	0.0856927148628705	0.1100275025522944
relation	ENV_SOILNH4	PC_WOODMASS	0.0039275124327317005	0.9417193469526534
relation	ENV_SOILNH4	PC_LITTERMASS	0.016663646958718234	0.7564032940798467
relation	ENV_SOILNH4	PC_LITTERWMASS	-0.0509623920720499	0.3424896963839661

relation	ENV_SOILNH4	PC_ROOTMASS	0.006828941072810309	0.9291544747197701
relation	ENV_SOILNH4	PC_HEIGHT	0.06033714038349514	0.4033069185200923
relation	ENV_SOILNH4	GH_COUNT	-0.04619405770251216	0.5224376834203824
relation	ENV_SOILNH4	ENV_AIRTEMP	-0.03177618899918397	0.6600515712575004
relation	ENV_SOILNH4	COVER_RICHNESS_JUN	-0.08162050514696902	0.1269469920413453
relation	ENV_SOILNH4	COVER_TOTAL_JUN	0.060769295791953136	0.2561655025135483
relation	ENV_SOILNH4	COVER_SHANNON_JUN	-0.06611075868601733	0.2166375758318378
relation	ENV_SOILNH4	COVER_RICHNESS_JUL	-0.08725665154146847	0.1026719771875288
relation	ENV_SOILNH4	COVER_TOTAL_JUL	0.022141518194531227	0.6793192993253404
relation	ENV_SOILNH4	COVER_SHANNON_JUL	-0.07182485626494953	0.1794103541395669
relation	ENV_SOILNH4	COVER_RICHNESS_AUG	-0.08851689490283056	0.097782717221224
relation	ENV_SOILNH4	COVER_TOTAL_AUG	0.04675452352012303	0.3825002340617704
relation	ENV_SOILNH4	COVER_SHANNON_AUG	-0.10371681604842158	0.05220476087018368
relation	ENV_SOILNH4	PASTURE_TOTALAREA	-0.07873970501663992	0.1409635447734395
relation	ENV_SOILNH4	SUBPASTURE_TOTALAREA	-0.0673361251165767	0.2082216114531286
relation	ENV_SOILNH4	PASTURE_FORESTAREA	0.04681271785253035	0.3819075512533753
relation	ENV_SOILNH4	PASTURE_WETLANDAREA	-0.05061413485132266	0.3444143290295993
relation	ENV_SOILNH4	SUBPASTURE_FORESTAREA	0.021855619926446978	0.7157669440547884
relation	ENV_SOILNH4	SUBPASTURE_WETLANDAREA	-0.04993654916545722	0.4290317160728872
relation	ENV_SOILNO3	LAT	0.05811996500032093	0.2782087043959793
relation	ENV_SOILNO3	LONG	0.05596008144846128	0.2964898425603054
relation	ENV_SOILNO3	ENV_SOILNH4	0.9493916891662243	4.268772351340228e-1
relation	ENV_SOILNO3	ENV_SOILNO3	1.0	None
relation	ENV_SOILNO3	ENV_SOILP	0.11232077097480209	0.04082140200164749
relation	ENV_SOILNO3	ENV_SOILOC	0.11321023384571513	0.0372125163308864
relation	ENV_SOILNO3	ENV_SOILTN	0.10081436895443496	0.0653279925653574
relation	ENV_SOILNO3	ENV_SOILTC	0.10404553410005035	0.0571196419519206
relation	ENV_SOILNO3	ENV_PH	0.0026787636792430626	0.9601734754466789
relation	ENV_SOILNO3	ENV_SOILCLAY	0.03630044427039763	0.4990799048974892
relation	ENV_SOILNO3	ENV_SOILSILT	0.0792628795583732	0.1394703277420710
relation	ENV_SOILNO3	ENV_SOILSAND	-0.06195469676165735	0.2483500718862047
relation	ENV_SOILNO3	ENV_SOILMOIS	0.17139634882202207	0.00128677480443306
relation	ENV_SOILNO3	RC_SHOOTMASS	0.021990066116226257	0.6844343184347096
relation	ENV_SOILNO3	RC_WOODMASS	-0.026914705779824057	0.6188600586599843
relation	ENV_SOILNO3	RC_LITTERMASS	-0.015233782238532638	0.7811674736602977

relation	ENV_SOILNO3	RC_LITTERWMASS	-0.04636362952908234	0.3976214328013585
relation	ENV_SOILNO3	PC_SHOOTMASS	0.03818749147678749	0.4776580063812204
relation	ENV_SOILNO3	PC_WOODMASS	-0.025879325499701004	0.6304339310644499
relation	ENV_SOILNO3	PC_LITTERMASS	-0.03743414618552536	0.4863934838907951
relation	ENV_SOILNO3	PC_LITTERWMASS	-0.05077222976585785	0.3449933144321074
relation	ENV_SOILNO3	PC_ROOTMASS	-0.010169972485079209	0.8946609642366006
relation	ENV_SOILNO3	PC_HEIGHT	0.03496470799087021	0.6292821593219811
relation	ENV_SOILNO3	GH_COUNT	-0.021645384303178004	0.7651011308698891
relation	ENV_SOILNO3	ENV_AIRTEMP	-0.0685477636247559	0.3435243974505415
relation	ENV_SOILNO3	COVER_RICHNESS_JUN	-0.10096082672418558	0.0591776702119967
relation	ENV_SOILNO3	COVER_TOTAL_JUN	0.06317762385695298	0.2384400106056539
relation	ENV_SOILNO3	COVER_SHANNON_JUN	-0.0663681235373277	0.2155091758879336
relation	ENV_SOILNO3	COVER_RICHNESS_JUL	-0.11142576429178237	0.03719470160506195
relation	ENV_SOILNO3	COVER_TOTAL_JUL	-0.007135261470811706	0.8941833507524871
relation	ENV_SOILNO3	COVER_SHANNON_JUL	-0.09352879868530674	0.0805790495891579
relation	ENV_SOILNO3	COVER_RICHNESS_AUG	-0.10384485680953895	0.0522509623458102
relation	ENV_SOILNO3	COVER_TOTAL_AUG	0.08815550195294501	0.0996514756242861
relation	ENV_SOILNO3	COVER_SHANNON_AUG	-0.08484604952409676	0.1130790192837674
relation	ENV_SOILNO3	PASTURE_TOTALAREA	-0.06767514281945801	0.2065873091978232
relation	ENV_SOILNO3	SUBPASTURE_TOTALAREA	-0.05925261434761994	0.2689339131176338
relation	ENV_SOILNO3	PASTURE_FORESTAREA	0.0988976297697566	0.0645850557735220
relation	ENV_SOILNO3	PASTURE_WETLANDAREA	-0.08554460979175146	0.1101325341140770
relation	ENV_SOILNO3	SUBPASTURE_FORESTAREA	0.006256797994521391	0.9171368516450236
relation	ENV_SOILNO3	SUBPASTURE_WETLANDAREA	-0.06822456750185593	0.2796684234743867
relation	ENV_SOILP	LAT	0.16896816203854834	0.0010696887821856
relation	ENV_SOILP	LONG	0.1652485064625927	0.0013815014198532
relation	ENV_SOILP	ENV_SOILNH4	0.09482637785946318	0.0840227344658729
relation	ENV_SOILP	ENV_SOILNO3	0.11232077097480209	0.0408214020016474
relation	ENV_SOILP	ENV_SOILP	1.0	None
relation	ENV_SOILP	ENV_SOILOC	0.23893137989563373	4.6991958031996626e-
relation	ENV_SOILP	ENV_SOILTN	0.21878876132076205	3.045670213528798e-0
relation	ENV_SOILP	ENV_SOILTC	0.24026598738121085	4.40708174666636e-0
relation	ENV_SOILP	ENV_PH	0.05756427774104183	0.2687516152347267
relation	ENV_SOILP	ENV_SOILCLAY	0.09209439320827358	0.0768540705791469
relation	ENV_SOILP	ENV_SOILSILT	0.24785770400736762	1.385825494154364e-0

relation	ENV_SOILP	ENV_SOILSAND	-0.18377161954323337	0.000380481205047103
relation	ENV_SOILP	ENV_SOILMOIS	0.345302957363472	9.009681481682434e-1
relation	ENV_SOILP	RC_SHOOTMASS	0.1539085116117755	0.00324160302915808
relation	ENV_SOILP	RC_WOODMASS	-0.06649585842315649	0.2056212881151583
relation	ENV_SOILP	RC_LITTERMASS	0.052717436203240306	0.3219501327238405
relation	ENV_SOILP	RC_LITTERWMASS	-0.033868760808176794	0.5247319374162036
relation	ENV_SOILP	PC_SHOOTMASS	0.2059424646830758	6.583995324491566e-0
relation	ENV_SOILP	PC_WOODMASS	-0.06015552717873491	0.2483997548063793
relation	ENV_SOILP	PC_LITTERMASS	0.017756293995001678	0.7335400371265245
relation	ENV_SOILP	PC_LITTERWMASS	-0.003529811451863121	0.9460501225375278
relation	ENV_SOILP	PC_ROOTMASS	-0.09990363582044871	0.1603334760384246
relation	ENV_SOILP	PC_HEIGHT	0.13566940278009731	0.0496010041608844
relation	ENV_SOILP	GH_COUNT	-0.18364960310378695	0.00762627533445621
relation	ENV_SOILP	ENV_AIRTEMP	-0.06363740594832878	0.3588179631638951
relation	ENV_SOILP	COVER_RICHNESS_JUN	-0.06683846429585252	0.1983614579036560
relation	ENV_SOILP	COVER_TOTAL_JUN	0.10308203977234685	0.04694691381404226
relation	ENV_SOILP	COVER_SHANNON_JUN	-0.019202351950335473	0.712016541419405
relation	ENV_SOILP	COVER_RICHNESS_JUL	-0.07476543168016943	0.1500980114144819
relation	ENV_SOILP	COVER_TOTAL_JUL	0.06264948777720442	0.2280267534633730
relation	ENV_SOILP	COVER_SHANNON_JUL	-0.04367426613331638	0.4009506154337909
relation	ENV_SOILP	COVER_RICHNESS_AUG	-0.10686757441911945	0.0393838690892598
relation	ENV_SOILP	COVER_TOTAL_AUG	0.16037727392025927	0.00191606104423076
relation	ENV_SOILP	COVER_SHANNON_AUG	-0.04200108183605624	0.4192530958791639
relation	ENV_SOILP	PASTURE_TOTALAREA	-0.17309347806160594	0.00080052972259703
relation	ENV_SOILP	SUBPASTURE_TOTALAREA	-0.16508992419882737	0.00139648776763414
relation	ENV_SOILP	PASTURE_FORESTAREA	0.14707870869859221	0.0044736036204199
relation	ENV_SOILP	PASTURE_WETLANDAREA	-0.11014083598440606	0.0337006656823846
relation	ENV_SOILP	SUBPASTURE_FORESTAREA	0.07259965744240306	0.2169209592831592
relation	ENV_SOILP	SUBPASTURE_WETLANDAREA	-0.0642295513563519	0.2920877875624416
relation	ENV_SOILOC	LAT	0.8661476861096221	1.3116281432067432e-1
relation	ENV_SOILOC	LONG	0.8637709619959063	2.854461721657398e-1
relation	ENV_SOILOC	ENV_SOILNH4	0.11689197973306352	0.0311746605678615
relation	ENV_SOILOC	ENV_SOILNO3	0.11321023384571513	0.0372125163308864
relation	ENV_SOILOC	ENV_SOILP	0.23893137989563373	4.6991958031996626e-
relation	ENV_SOILOC	ENV_SOILOC	1.0	None

relation	ENV_SOILOC	ENV_SOILTN	0.9246369313227419	2.3437461106465714e-
relation	ENV_SOILOC	ENV_SOILTC	0.9252027186735399	6.179400249063343e-1
relation	ENV_SOILOC	ENV_PH	-0.0958893242622461	0.062195562429347
relation	ENV_SOILOC	ENV_SOILCLAY	0.7627487661450217	3.579701841577498e-
relation	ENV_SOILOC	ENV_SOILSILT	0.8588926643142257	2.5992324876151473e-
relation	ENV_SOILOC	ENV_SOILSAND	-0.8495676151793216	1.7131272277693032e-
relation	ENV_SOILOC	ENV_SOILMOIS	0.8819277037710748	1.5299442019546685e-
relation	ENV_SOILOC	RC_SHOOTMASS	0.4818462081281089	5.784153039337056e-
relation	ENV_SOILOC	RC_WOODMASS	0.10947058625220715	0.0350504116604511
relation	ENV_SOILOC	RC_LITTERMASS	0.18199847849181838	0.00051076853579051
relation	ENV_SOILOC	RC_LITTERWMASS	-0.04047357103367377	0.4432925848181672
relation	ENV_SOILOC	PC_SHOOTMASS	0.4875775611978816	6.579260168963192e-
relation	ENV_SOILOC	PC_WOODMASS	0.16240965013460626	0.0015562488516187
relation	ENV_SOILOC	PC_LITTERMASS	0.12431756663825823	0.01572782564010118
relation	ENV_SOILOC	PC_LITTERWMASS	-0.01362789417880441	0.7919807269135921
relation	ENV_SOILOC	PC_ROOTMASS	0.3683067336152614	7.474097785366531e-
relation	ENV_SOILOC	PC_HEIGHT	0.530049367045362	1.8239553605914433e-
relation	ENV_SOILOC	GH_COUNT	-0.6814744193438345	9.5195364904934e-3
relation	ENV_SOILOC	ENV_AIRTEMP	0.02254369585001524	0.7465350266847243
relation	ENV_SOILOC	COVER_RICHNESS_JUN	-0.017694436474492755	0.7313254336034805
relation	ENV_SOILOC	COVER_TOTAL_JUN	0.4334260530143524	8.656804969760691e-
relation	ENV_SOILOC	COVER_SHANNON_JUN	-0.034779323819420636	0.4996446895613392
relation	ENV_SOILOC	COVER_RICHNESS_JUL	-0.040529531915476966	0.4314324416926071
relation	ENV_SOILOC	COVER_TOTAL_JUL	0.280154546258383	2.898012276921114e-
relation	ENV_SOILOC	COVER_SHANNON_JUL	-0.02811952484701282	0.5852526455315595
relation	ENV_SOILOC	COVER_RICHNESS_AUG	-0.02648902663896482	0.6072008633511484
relation	ENV_SOILOC	COVER_TOTAL_AUG	0.40255570369224997	3.3839554110741743e-
relation	ENV_SOILOC	COVER_SHANNON_AUG	-0.0009289365106754595	0.9856191235990287
relation	ENV_SOILOC	PASTURE_TOTALAREA	-0.8405680621445015	2.0764063251269645e-
relation	ENV_SOILOC	SUBPASTURE_TOTALAREA	-0.7922362049026365	6.932244220796787e-
relation	ENV_SOILOC	PASTURE_FORESTAREA	0.6832742060449838	1.9346721666444561e-
relation	ENV_SOILOC	PASTURE_WETLANDAREA	-0.2482404686151319	9.902258332276137e-
relation	ENV_SOILOC	SUBPASTURE_FORESTAREA	0.3593015424919704	1.7674181116189896e-
relation	ENV_SOILOC	SUBPASTURE_WETLANDAREA	-0.056991717379600154	0.3490857678302458
relation	ENV_SOILTN	LAT	0.8569295476852598	2.1030241525861166e-

relation	ENV_SOILTN	LONG	0.8546843418819073	3.0703199110257382e-
relation	ENV_SOILTN	ENV_SOILNH4	0.11320957752459554	0.0380695794467027
relation	ENV_SOILTN	ENV_SOILNO3	0.10081436895443496	0.0653279925653574
relation	ENV_SOILTN	ENV_SOILP	0.21878876132076205	3.045670213528798e-
relation	ENV_SOILTN	ENV_SOILOC	0.9246369313227419	2.3437461106465714e-
relation	ENV_SOILTN	ENV_SOILTN	1.0	None
relation	ENV_SOILTN	ENV_SOILTC	0.9965985072937571	0.0
relation	ENV_SOILTN	ENV_PH	-0.10760785209026333	0.0372592504712523
relation	ENV_SOILTN	ENV_SOILCLAY	0.767444285135833	8.144313868032642e-
relation	ENV_SOILTN	ENV_SOILSILT	0.8454523674219692	2.2364134580271825e-
relation	ENV_SOILTN	ENV_SOILSAND	-0.8445655656346028	5.934251935321627e-1
relation	ENV_SOILTN	ENV_SOILMOIS	0.8650935295868896	3.277567478652056e-1
relation	ENV_SOILTN	RC_SHOOTMASS	0.45314900226180366	5.526955762713653e-
relation	ENV_SOILTN	RC_WOODMASS	0.0963657027675022	0.0651689373507408
relation	ENV_SOILTN	RC_LITTERMASS	0.17766425317810006	0.0007210250207545
relation	ENV_SOILTN	RC_LITTERWMASS	-0.041518797724040234	0.4328854217043911
relation	ENV_SOILTN	PC_SHOOTMASS	0.48661927643902464	1.4311635503354207e-
relation	ENV_SOILTN	PC_WOODMASS	0.14405088848003703	0.0053149521940396
relation	ENV_SOILTN	PC_LITTERMASS	0.13927075830430344	0.0070626075591674
relation	ENV_SOILTN	PC_LITTERWMASS	-0.02662113110289614	0.6082978812187493
relation	ENV_SOILTN	PC_ROOTMASS	0.17832285595581973	0.0115257659483930
relation	ENV_SOILTN	PC_HEIGHT	0.5661706353926698	6.087565176660631e-
relation	ENV_SOILTN	GH_COUNT	-0.708610599363395	7.039574888603684e-
relation	ENV_SOILTN	ENV_AIRTEMP	0.01660246924715046	0.8123171368384503
relation	ENV_SOILTN	COVER_RICHNESS_JUN	-0.01110515396504132	0.8302826641211773
relation	ENV_SOILTN	COVER_TOTAL_JUN	0.4167778828674071	3.43844895206519e-1
relation	ENV_SOILTN	COVER_SHANNON_JUN	-0.03294691060018261	0.5247393364232984
relation	ENV_SOILTN	COVER_RICHNESS_JUL	-0.04428366302170286	0.3924924060259028
relation	ENV_SOILTN	COVER_TOTAL_JUL	0.2978196931598996	4.053322243307631e-
relation	ENV_SOILTN	COVER_SHANNON_JUL	-0.018593535001672722	0.7196764582922788
relation	ENV_SOILTN	COVER_RICHNESS_AUG	-0.02296862845985845	0.6575059595174572
relation	ENV_SOILTN	COVER_TOTAL_AUG	0.38326964223154464	1.4378399239494326e-
relation	ENV_SOILTN	COVER_SHANNON_AUG	-0.009502283136381568	0.8544835875442081
relation	ENV_SOILTN	PASTURE_TOTALAREA	-0.8316229329045406	2.6064481606797047e-
relation	ENV_SOILTN	SUBPASTURE_TOTALAREA	-0.7807161174522544	3.5993493451046504e-

relation	ENV_SOILTN	PASTURE_FORESTAREA	0.6668787903277206	1.3827364441610888e-
relation	ENV_SOILTN	PASTURE_WETLANDAREA	-0.21861067491852604	1.9458547382867388e-
relation	ENV_SOILTN	SUBPASTURE_FORESTAREA	0.3665732590611715	9.501636748000429e-
relation	ENV_SOILTN	SUBPASTURE_WETLANDAREA	-0.049250774311836894	0.4193712336896174
relation	ENV_SOILTC	LAT	0.8577784080349937	7.541215655030808e-1
relation	ENV_SOILTC	LONG	0.8556083381790587	1.0242333865603568e-
relation	ENV_SOILTC	ENV_SOILNH4	0.11632146654222034	0.0330477744185492
relation	ENV_SOILTC	ENV_SOILNO3	0.10404553410005035	0.0571196419519206
relation	ENV_SOILTC	ENV_SOILP	0.24026598738121085	4.40708174666636e-0
relation	ENV_SOILTC	ENV_SOILOC	0.9252027186735399	6.179400249063343e-1
relation	ENV_SOILTC	ENV_SOILTN	0.9965985072937571	0.0
relation	ENV_SOILTC	ENV_SOILTC	1.0	None
relation	ENV_SOILTC	ENV_PH	-0.09955267040038975	0.0540818272721423
relation	ENV_SOILTC	ENV_SOILCLAY	0.7630318485855849	1.6971900713558547e-
relation	ENV_SOILTC	ENV_SOILSILT	0.8501702438906594	1.1195482123227612e-
relation	ENV_SOILTC	ENV_SOILSAND	-0.8450814872257777	3.3660805361223837e-
relation	ENV_SOILTC	ENV_SOILMOIS	0.8680834982385345	6.878877618298552e-1
relation	ENV_SOILTC	RC_SHOOTMASS	0.44915352788005375	1.2734893666319567e-
relation	ENV_SOILTC	RC_WOODMASS	0.09206472316617834	0.0781652587990911
relation	ENV_SOILTC	RC_LITTERMASS	0.17110483674589333	0.00113511533599612
relation	ENV_SOILTC	RC_LITTERWMASS	-0.039667502674245424	0.4536970953056016
relation	ENV_SOILTC	PC_SHOOTMASS	0.48922885884878564	7.658774418414108e-2
relation	ENV_SOILTC	PC_WOODMASS	0.1475756539079919	0.00428680460111003
relation	ENV_SOILTC	PC_LITTERMASS	0.14109394721825463	0.00634308662143565
relation	ENV_SOILTC	PC_LITTERWMASS	-0.024004468247935	0.643999678910032
relation	ENV_SOILTC	PC_ROOTMASS	0.21401942680041264	0.00234186600381063
relation	ENV_SOILTC	PC_HEIGHT	0.5569255849238681	2.927535585947305e-1
relation	ENV_SOILTC	GH_COUNT	-0.7058709418636503	1.564375123652322e-3
relation	ENV_SOILTC	ENV_AIRTEMP	0.021490356245616907	0.7585727395875931
relation	ENV_SOILTC	COVER_RICHNESS_JUN	-0.007192131431441615	0.889598823469511
relation	ENV_SOILTC	COVER_TOTAL_JUN	0.41843288349203805	2.506588811020644e-1
relation	ENV_SOILTC	COVER_SHANNON_JUN	-0.033030795901084126	0.523683809923807
relation	ENV_SOILTC	COVER_RICHNESS_JUL	-0.03611877291193978	0.485596576780418
relation	ENV_SOILTC	COVER_TOTAL_JUL	0.30499325354652546	1.632138495751129e-0
relation	ENV_SOILTC	COVER_SHANNON_JUL	-0.013605313028526052	0.792860179807867

relation	ENV_SOILTC	COVER_RICHNESS_AUG	-0.019638553285271705	0.7046389293318217
relation	ENV_SOILTC	COVER_TOTAL_AUG	0.3908734535220963	3.878388765805876e-
relation	ENV_SOILTC	COVER_SHANNON_AUG	-0.008765014733021	0.8656626263540965
relation	ENV_SOILTC	PASTURE_TOTALAREA	-0.8323223814366393	1.2866141791604783e-
relation	ENV_SOILTC	SUBPASTURE_TOTALAREA	-0.7790808849150708	1.2147072503749423e-
relation	ENV_SOILTC	PASTURE_FORESTAREA	0.6671622256349442	1.217261480716301e-
relation	ENV_SOILTC	PASTURE_WETLANDAREA	-0.2165057564527188	2.3485514377848444e-
relation	ENV_SOILTC	SUBPASTURE_FORESTAREA	0.36610733948529406	1.0074886616247766e-
relation	ENV_SOILTC	SUBPASTURE_WETLANDAREA	-0.04310719706489673	0.4797638642655487
relation	ENV_PH	LAT	-0.06562048575542942	0.1953882996093661
relation	ENV_PH	LONG	-0.06250159128296622	0.2175242764528613
relation	ENV_PH	ENV_SOILNH4	0.008045362284404495	0.8806111049829255
relation	ENV_PH	ENV_SOILNO3	0.0026787636792430626	0.9601734754466789
relation	ENV_PH	ENV_SOILP	0.05756427774104183	0.2687516152347267
relation	ENV_PH	ENV_SOILOC	-0.0958893242622461	0.0621955624293479
relation	ENV_PH	ENV_SOILTN	-0.10760785209026333	0.0372592504712523
relation	ENV_PH	ENV_SOILTC	-0.09955267040038975	0.0540818272721423
relation	ENV_PH	ENV_PH	1.0	None
relation	ENV_PH	ENV_SOILCLAY	-0.06869664816817908	0.1757697774253990
relation	ENV_PH	ENV_SOILSILT	-0.00023816368746387608	0.9962593243147349
relation	ENV_PH	ENV_SOILSAND	0.03322258467310346	0.5130035044026547
relation	ENV_PH	ENV_SOILMOIS	-0.05666988971611047	0.2648486005646396
relation	ENV_PH	RC_SHOOTMASS	-0.011591207026219855	0.8211154612774576
relation	ENV_PH	RC_WOODMASS	-0.028686515930200503	0.575693390059723
relation	ENV_PH	RC_LITTERMASS	-0.03847005383758209	0.4588385654950878
relation	ENV_PH	RC_LITTERWMASS	0.029291674947627445	0.5727960086499226
relation	ENV_PH	PC_SHOOTMASS	-0.015774215726950844	0.7564588673557224
relation	ENV_PH	PC_WOODMASS	0.009446697141468008	0.8526623514607476
relation	ENV_PH	PC_LITTERMASS	-0.008268449492969331	0.8708670222778662
relation	ENV_PH	PC_LITTERWMASS	-0.06797838190507388	0.1809040267323964
relation	ENV_PH	PC_ROOTMASS	0.06834093936689031	0.3290396543685545
relation	ENV_PH	PC_HEIGHT	-0.053911887805934415	0.4305120949233222
relation	ENV_PH	GH_COUNT	0.018517794494671398	0.7866995327798973
relation	ENV_PH	ENV_AIRTEMP	-0.07196575201869115	0.2923845757733340
relation	ENV_PH	COVER_RICHNESS_JUN	-0.01288720102909524	0.799478109764798

relation	ENV_PH	COVER_TOTAL_JUN	0.002490801829651381	0.960843743261601
relation	ENV_PH	COVER_SHANNON_JUN	0.0256567672676307	0.613004984359148
relation	ENV_PH	COVER_RICHNESS_JUL	-0.05128801186413214	0.311741926510441
relation	ENV_PH	COVER_TOTAL_JUL	-0.04250145733160623	0.4019745570121888
relation	ENV_PH	COVER_SHANNON_JUL	-0.04742057515841367	0.349682528345645
relation	ENV_PH	COVER_RICHNESS_AUG	-0.09057658299506541	0.073617942705585
relation	ENV_PH	COVER_TOTAL_AUG	-0.004879969876370878	0.923372224459799
relation	ENV_PH	COVER_SHANNON_AUG	-0.05096538297395882	0.31479956734478
relation	ENV_PH	PASTURE_TOTALAREA	0.06417037644796045	0.205466613704280
relation	ENV_PH	SUBPASTURE_TOTALAREA	0.08026984433942164	0.113032308090813
relation	ENV_PH	PASTURE_FORESTAREA	-0.10333566542207563	0.041125878356200
relation	ENV_PH	PASTURE_WETLANDAREA	0.042229963458582966	0.404990532682462
relation	ENV_PH	SUBPASTURE_FORESTAREA	0.002158543806671903	0.970002937359425
relation	ENV_PH	SUBPASTURE_WETLANDAREA	0.0755372375612166	0.2059935061121518
relation	ENV_SOILCLAY	LAT	0.9109138727661092	2.9612175770774484e-
relation	ENV_SOILCLAY	LONG	0.9083034161600838	6.1786111082789424e-
relation	ENV_SOILCLAY	ENV_SOILNH4	0.0326527360665989	0.542621324524523
relation	ENV_SOILCLAY	ENV_SOILNO3	0.03630044427039763	0.4990799048974892
relation	ENV_SOILCLAY	ENV_SOILP	0.09209439320827358	0.0768540705791469
relation	ENV_SOILCLAY	ENV_SOILOC	0.7627487661450217	3.579701841577498e-
relation	ENV_SOILCLAY	ENV_SOILTN	0.767444285135833	8.144313868032642e-
relation	ENV_SOILCLAY	ENV_SOILTC	0.7630318485855849	1.6971900713558547e-
relation	ENV_SOILCLAY	ENV_PH	-0.06869664816817908	0.1757697774253990
relation	ENV_SOILCLAY	ENV_SOILCLAY	1.0	None
relation	ENV_SOILCLAY	ENV_SOILSILT	0.8359965144782858	3.6074303305811576e-
relation	ENV_SOILCLAY	ENV_SOILSAND	-0.9513505105333799	1.7661205399478555e-
relation	ENV_SOILCLAY	ENV_SOILMOIS	0.7718143155599783	6.523338407176955e-
relation	ENV_SOILCLAY	RC_SHOOTMASS	0.3831305167929681	8.370781785652406e-
relation	ENV_SOILCLAY	RC_WOODMASS	0.14898170438775515	0.00351626685863732
relation	ENV_SOILCLAY	RC_LITTERMASS	0.07761124115721567	0.1351421368053492
relation	ENV_SOILCLAY	RC_LITTERWMASS	-0.021897570194994536	0.673773956520890
relation	ENV_SOILCLAY	PC_SHOOTMASS	0.356687107442117	4.393265583035553e-
relation	ENV_SOILCLAY	PC_WOODMASS	0.2273279374518332	6.104307239362506e-
relation	ENV_SOILCLAY	PC_LITTERMASS	0.002513108473011718	0.960646065952119
relation	ENV_SOILCLAY	PC_LITTERWMASS	0.01084607240291103	0.831358311283066

relation	ENV_SOILCLAY	PC_ROOTMASS	-0.04911481636112842	0.4832630758715857
relation	ENV_SOILCLAY	PC_HEIGHT	0.434966805013608	2.455006754496381e-1
relation	ENV_SOILCLAY	GH_COUNT	-0.7079594287199025	5.173722919546439e-3
relation	ENV_SOILCLAY	ENV_AIRTEMP	0.0364795736098185	0.5947575457563129
relation	ENV_SOILCLAY	COVER_RICHNESS_JUN	-0.018597921482428042	0.7142663769315581
relation	ENV_SOILCLAY	COVER_TOTAL_JUN	0.35825530033448233	2.968034784772679e-1
relation	ENV_SOILCLAY	COVER_SHANNON_JUN	-0.01648046367250976	0.7456046200300955
relation	ENV_SOILCLAY	COVER_RICHNESS_JUL	-0.06958953052403333	0.1702082277028343
relation	ENV_SOILCLAY	COVER_TOTAL_JUL	0.19113069300410482	0.00014617524298912
relation	ENV_SOILCLAY	COVER_SHANNON_JUL	-0.057436647266125004	0.2578125826882095
relation	ENV_SOILCLAY	COVER_RICHNESS_AUG	-0.01851048203662836	0.7155514361440906
relation	ENV_SOILCLAY	COVER_TOTAL_AUG	0.2798219914264565	1.898738772236986e-0
relation	ENV_SOILCLAY	COVER_SHANNON_AUG	0.03478337872736062	0.4933949942362249
relation	ENV_SOILCLAY	PASTURE_TOTALAREA	-0.8785006930716537	1.548440920436272e-1
relation	ENV_SOILCLAY	SUBPASTURE_TOTALAREA	-0.816675391206751	1.1462306898175969e-
relation	ENV_SOILCLAY	PASTURE_FORESTAREA	0.7358390308559569	1.1139730238444178e-
relation	ENV_SOILCLAY	PASTURE_WETLANDAREA	-0.21495459856272012	1.856050133535909e-0
relation	ENV_SOILCLAY	SUBPASTURE_FORESTAREA	0.42352544721473084	1.0488596758737811e-
relation	ENV_SOILCLAY	SUBPASTURE_WETLANDAREA	0.0372548547397673	0.5332497310647699
relation	ENV_SOILSILT	LAT	0.9203080835449503	3.1005253666333696e-1
relation	ENV_SOILSILT	LONG	0.9200799234651895	5.2772242819275746e-1
relation	ENV_SOILSILT	ENV_SOILNH4	0.09770823671610124	0.0678825848299284
relation	ENV_SOILSILT	ENV_SOILNO3	0.0792628795583732	0.1394703277420710
relation	ENV_SOILSILT	ENV_SOILP	0.24785770400736762	1.385825494154364e-0
relation	ENV_SOILSILT	ENV_SOILOC	0.8588926643142257	2.5992324876151473e-1
relation	ENV_SOILSILT	ENV_SOILTN	0.8454523674219692	2.2364134580271825e-1
relation	ENV_SOILSILT	ENV_SOILTC	0.8501702438906594	1.1195482123227612e-1
relation	ENV_SOILSILT	ENV_PH	-0.00023816368746387608	0.9962593243147349
relation	ENV_SOILSILT	ENV_SOILCLAY	0.8359965144782858	3.6074303305811576e-1
relation	ENV_SOILSILT	ENV_SOILSILT	1.0	None
relation	ENV_SOILSILT	ENV_SOILSAND	-0.9643967076772165	3.151086619740201e-2
relation	ENV_SOILSILT	ENV_SOILMOIS	0.8541189136869471	1.1989230638235806e-1
relation	ENV_SOILSILT	RC_SHOOTMASS	0.46213268750970826	1.3142363804114080e-2
relation	ENV_SOILSILT	RC_WOODMASS	0.13066895368165884	0.0105730609748152
relation	ENV_SOILSILT	RC_LITTERMASS	0.09444938480258754	0.0688180162233952

relation	ENV_SOILSILT	RC_LITTERWMASS	-0.034905018901270526	0.5021170214695114
relation	ENV_SOILSILT	PC_SHOOTMASS	0.4336206577143602	3.221720766892205e-1
relation	ENV_SOILSILT	PC_WOODMASS	0.21525834012436698	1.8972195486532127e-
relation	ENV_SOILSILT	PC_LITTERMASS	0.04387127703806251	0.3888026701564387
relation	ENV_SOILSILT	PC_LITTERWMASS	-0.05289306575803243	0.2986937614249134
relation	ENV_SOILSILT	PC_ROOTMASS	0.15799366887023744	0.0233230154551518
relation	ENV_SOILSILT	PC_HEIGHT	0.4761518675911453	1.4477309697023408e-
relation	ENV_SOILSILT	GH_COUNT	-0.7231851683252417	4.35197577547429e-3
relation	ENV_SOILSILT	ENV_AIRTEMP	-0.04389531568846088	0.5220502246826385
relation	ENV_SOILSILT	COVER_RICHNESS_JUN	-0.02814444247060242	0.5794871994691827
relation	ENV_SOILSILT	COVER_TOTAL_JUN	0.4009187654797624	1.7175017140844308e-
relation	ENV_SOILSILT	COVER_SHANNON_JUN	-0.0026686140555878526	0.9581049291833246
relation	ENV_SOILSILT	COVER_RICHNESS_JUL	-0.025427478059686565	0.6166374809596644
relation	ENV_SOILSILT	COVER_TOTAL_JUL	0.28504142491956513	1.0022069179588274e-
relation	ENV_SOILSILT	COVER_SHANNON_JUL	-0.019509968423478883	0.7009111246756933
relation	ENV_SOILSILT	COVER_RICHNESS_AUG	-0.0011160564919546578	0.98247219739066
relation	ENV_SOILSILT	COVER_TOTAL_AUG	0.35058543015056626	1.0124876598744632e-
relation	ENV_SOILSILT	COVER_SHANNON_AUG	0.029998756765277027	0.5547487139499053
relation	ENV_SOILSILT	PASTURE_TOTALAREA	-0.9054936186881839	1.6256592375676234e-1
relation	ENV_SOILSILT	SUBPASTURE_TOTALAREA	-0.8456082027252925	8.013035291018379e-1
relation	ENV_SOILSILT	PASTURE_FORESTAREA	0.6987796342144399	2.0506524589828817e-
relation	ENV_SOILSILT	PASTURE_WETLANDAREA	-0.18980451850848948	0.000162830388217580
relation	ENV_SOILSILT	SUBPASTURE_FORESTAREA	0.4150485881186485	3.950727149547394e-1
relation	ENV_SOILSILT	SUBPASTURE_WETLANDAREA	0.03155010587085532	0.5977808388367654
relation	ENV_SOILSAND	LAT	-0.9557562543394396	2.735993601656553e-2
relation	ENV_SOILSAND	LONG	-0.9543694186005504	9.514260958855806e-2
relation	ENV_SOILSAND	ENV_SOILNH4	-0.0704098003702063	0.1887903293234066
relation	ENV_SOILSAND	ENV_SOILNO3	-0.06195469676165735	0.2483500718862047
relation	ENV_SOILSAND	ENV_SOILP	-0.18377161954323337	0.000380481205047103
relation	ENV_SOILSAND	ENV_SOILOC	-0.8495676151793216	1.7131272277693032e-1
relation	ENV_SOILSAND	ENV_SOILTN	-0.8445655656346028	5.934251935321627e-1
relation	ENV_SOILSAND	ENV_SOILTC	-0.8450814872257777	3.3660805361223837e-1
relation	ENV_SOILSAND	ENV_PH	0.03322258467310346	0.513003504402654
relation	ENV_SOILSAND	ENV_SOILCLAY	-0.9513505105333799	1.7661205399478555e-2
relation	ENV_SOILSAND	ENV_SOILSILT	-0.9643967076772165	3.151086619740201e-2

relation	ENV_SOILSAND	ENV_SOILSAND	1.0	None
relation	ENV_SOILSAND	ENV_SOILMOIS	-0.8513885168273172	3.243028909094821e-1
relation	ENV_SOILSAND	RC_SHOOTMASS	-0.4438627121940299	7.153209574130413e-
relation	ENV_SOILSAND	RC_WOODMASS	-0.14511407758166453	0.0044832660410850
relation	ENV_SOILSAND	RC_LITTERMASS	-0.09039883676895011	0.0816400277313949
relation	ENV_SOILSAND	RC_LITTERWMASS	0.030117724354628506	0.562544593218839
relation	ENV_SOILSAND	PC_SHOOTMASS	-0.41545698855462626	1.2684313191903158e-
relation	ENV_SOILSAND	PC_WOODMASS	-0.23045834490472916	4.502148210661584e-0
relation	ENV_SOILSAND	PC_LITTERMASS	-0.025845835231069918	0.611771687254147
relation	ENV_SOILSAND	PC_LITTERWMASS	0.02449445674548049	0.630516277140263
relation	ENV_SOILSAND	PC_ROOTMASS	-0.11997638925178604	0.0858482610087883
relation	ENV_SOILSAND	PC_HEIGHT	-0.4771016083916733	1.275475537457891e-1
relation	ENV_SOILSAND	GH_COUNT	0.7471914416448759	1.1716855995130643e-
relation	ENV_SOILSAND	ENV_AIRTEMP	0.007426345123067564	0.913790803110085
relation	ENV_SOILSAND	COVER_RICHNESS_JUN	0.024767926802165663	0.625810423464570
relation	ENV_SOILSAND	COVER_TOTAL_JUN	-0.39776484764575754	3.09544959776592e-1
relation	ENV_SOILSAND	COVER_SHANNON_JUN	0.009439649175922412	0.852582863234672
relation	ENV_SOILSAND	COVER_RICHNESS_JUL	0.04780895220532275	0.346367191781116
relation	ENV_SOILSAND	COVER_TOTAL_JUL	-0.25216799353698843	4.518532318005739e-0
relation	ENV_SOILSAND	COVER_SHANNON_JUL	0.03863727914259145	0.446740655108267
relation	ENV_SOILSAND	COVER_RICHNESS_AUG	0.009546966630138955	0.850926360934305
relation	ENV_SOILSAND	COVER_TOTAL_AUG	-0.33171053554691	1.805279715342093e-1
relation	ENV_SOILSAND	COVER_SHANNON_AUG	-0.033597909836310995	0.508251589731171
relation	ENV_SOILSAND	PASTURE_TOTALAREA	0.9318149208151268	7.092344285653661e-1
relation	ENV_SOILSAND	SUBPASTURE_TOTALAREA	0.8683918080278779	2.9773952341438934e-1
relation	ENV_SOILSAND	PASTURE_FORESTAREA	-0.7469917566187206	8.822732888214408e-1
relation	ENV_SOILSAND	PASTURE_WETLANDAREA	0.2101902904901812	2.8587128862783185e-
relation	ENV_SOILSAND	SUBPASTURE_FORESTAREA	-0.4388498830784776	8.661423232819349e-1
relation	ENV_SOILSAND	SUBPASTURE_WETLANDAREA	-0.03534421859276936	0.554467625687700
relation	ENV_SOILMOIS	LAT	0.8396392870811635	1.2458819821307354e-1
relation	ENV_SOILMOIS	LONG	0.8343124770718499	3.987070655808639e-1
relation	ENV_SOILMOIS	ENV_SOILNH4	0.12618032942294902	0.0180293355088126
relation	ENV_SOILMOIS	ENV_SOILNO3	0.17139634882202207	0.00128677480443306
relation	ENV_SOILMOIS	ENV_SOILP	0.345302957363472	9.009681481682434e-1
relation	ENV_SOILMOIS	ENV_SOILOC	0.8819277037710748	1.5299442019546685e-1

relation	ENV_SOILMOIS	ENV_SOILTN	0.8650935295868896	3.277567478652056e-1
relation	ENV_SOILMOIS	ENV_SOILTC	0.8680834982385345	6.878877618298552e-1
relation	ENV_SOILMOIS	ENV_PH	-0.05666988971611047	0.2648486005646396
relation	ENV_SOILMOIS	ENV_SOILCLAY	0.7718143155599783	6.523338407176955e-1
relation	ENV_SOILMOIS	ENV_SOILSILT	0.8541189136869471	1.1989230638235806e-1
relation	ENV_SOILMOIS	ENV_SOILSAND	-0.8513885168273172	3.243028909094821e-1
relation	ENV_SOILMOIS	ENV_SOILMOIS	1.0	None
relation	ENV_SOILMOIS	RC_SHOOTMASS	0.4783080822245713	3.5423914473898805e-
relation	ENV_SOILMOIS	RC_WOODMASS	0.08908587007783585	0.0824529359469032
relation	ENV_SOILMOIS	RC_LITTERMASS	0.19033988525759618	0.00022637841976013
relation	ENV_SOILMOIS	RC_LITTERWMASS	-0.028939556908072584	0.578449717355905
relation	ENV_SOILMOIS	PC_SHOOTMASS	0.4646982731007773	3.9768084863801426e-
relation	ENV_SOILMOIS	PC_WOODMASS	0.12927252554282198	0.0109104763642692
relation	ENV_SOILMOIS	PC_LITTERMASS	0.1085932213673718	0.0327047597701872
relation	ENV_SOILMOIS	PC_LITTERWMASS	-0.023664933966367093	0.6425738693085232
relation	ENV_SOILMOIS	PC_ROOTMASS	0.10148899403808702	0.1466328988502512
relation	ENV_SOILMOIS	PC_HEIGHT	0.540461542939318	8.826691621375359e-1
relation	ENV_SOILMOIS	GH_COUNT	-0.6848155793291223	3.0615074176299337e-
relation	ENV_SOILMOIS	ENV_AIRTEMP	-0.02697225444404641	0.6934473194330113
relation	ENV_SOILMOIS	COVER_RICHNESS_JUN	-0.045682698275266255	0.3688799877357861
relation	ENV_SOILMOIS	COVER_TOTAL_JUN	0.4168306804262891	8.789812276833962e-1
relation	ENV_SOILMOIS	COVER_SHANNON_JUN	-0.050092584632403174	0.3244180510490689
relation	ENV_SOILMOIS	COVER_RICHNESS_JUL	-0.0518123062374771	0.3080631400348422
relation	ENV_SOILMOIS	COVER_TOTAL_JUL	0.29009920075491546	5.574098766665092e-0
relation	ENV_SOILMOIS	COVER_SHANNON_JUL	-0.041830342660531566	0.4106624362602055
relation	ENV_SOILMOIS	COVER_RICHNESS_AUG	-0.0759277717041711	0.1349486129624269
relation	ENV_SOILMOIS	COVER_TOTAL_AUG	0.4753279384490957	2.5428451193771837e-
relation	ENV_SOILMOIS	COVER_SHANNON_AUG	-0.0017124722344755972	0.9731430423253388
relation	ENV_SOILMOIS	PASTURE_TOTALAREA	-0.7970489056328114	8.77517547107395e-8
relation	ENV_SOILMOIS	SUBPASTURE_TOTALAREA	-0.743698607440391	1.1312050844594571e-
relation	ENV_SOILMOIS	PASTURE_FORESTAREA	0.7286754737623601	1.3242729317158276e-
relation	ENV_SOILMOIS	PASTURE_WETLANDAREA	-0.27838474932322993	2.3546359272194193e-
relation	ENV_SOILMOIS	SUBPASTURE_FORESTAREA	0.3641869714360068	5.75525382281847e-1
relation	ENV_SOILMOIS	SUBPASTURE_WETLANDAREA	-0.06779249498664452	0.2573624338936672
relation	RC_SHOOTMASS	LAT	0.4481337310516942	1.628725947967415e-2

relation	RC_SHOOTMASS	LONG	0.44383880294329336	4.1278636458376794e-
relation	RC_SHOOTMASS	ENV_SOILNH4	0.031122949880827373	0.564530884485541
relation	RC_SHOOTMASS	ENV_SOILNO3	0.021990066116226257	0.6844343184347096
relation	RC_SHOOTMASS	ENV_SOILP	0.1539085116117755	0.00324160302915808
relation	RC_SHOOTMASS	ENV_SOILOC	0.4818462081281089	5.784153039337056e-
relation	RC_SHOOTMASS	ENV_SOILTN	0.45314900226180366	5.526955762713653e-
relation	RC_SHOOTMASS	ENV_SOILTC	0.44915352788005375	1.2734893666319567e-
relation	RC_SHOOTMASS	ENV_PH	-0.011591207026219855	0.821115461277457
relation	RC_SHOOTMASS	ENV_SOILCLAY	0.3831305167929681	8.370781785652406e-
relation	RC_SHOOTMASS	ENV_SOILSILT	0.46213268750970826	1.314236380411408e-
relation	RC_SHOOTMASS	ENV_SOILSAND	-0.4438627121940299	7.153209574130413e-
relation	RC_SHOOTMASS	ENV_SOILMOIS	0.4783080822245713	3.5423914473898805e-
relation	RC_SHOOTMASS	RC_SHOOTMASS	1.0	None
relation	RC_SHOOTMASS	RC_WOODMASS	0.3279357983509722	3.7362536439007574e-
relation	RC_SHOOTMASS	RC_LITTERMASS	0.383305760914426	1.4290328504777458e-
relation	RC_SHOOTMASS	RC_LITTERWMASS	0.08527254676466035	0.0991912198684716
relation	RC_SHOOTMASS	PC_SHOOTMASS	0.5358317826496432	4.543292581278044e-
relation	RC_SHOOTMASS	PC_WOODMASS	0.07911614618507941	0.1207154101906320
relation	RC_SHOOTMASS	PC_LITTERMASS	0.3025405486019514	1.2993903252268418e-
relation	RC_SHOOTMASS	PC_LITTERWMASS	0.06158383492991493	0.2273734462754661
relation	RC_SHOOTMASS	PC_ROOTMASS	0.30970964144074525	6.2174039437127956e-
relation	RC_SHOOTMASS	PC_HEIGHT	0.5291535275809721	6.520771002666546e-
relation	RC_SHOOTMASS	GH_COUNT	-0.4607296017597705	1.0732039055014794e-
relation	RC_SHOOTMASS	ENV_AIRTEMP	0.025988140868643813	0.704759497982940
relation	RC_SHOOTMASS	COVER_RICHNESS_JUN	-0.07447217047967862	0.143650188037305
relation	RC_SHOOTMASS	COVER_TOTAL_JUN	0.289008096604772	6.992442088842804e-
relation	RC_SHOOTMASS	COVER_SHANNON_JUN	-0.10242699823298262	0.0440350161352364
relation	RC_SHOOTMASS	COVER_RICHNESS_JUL	-0.048890576631191014	0.3374310989061810
relation	RC_SHOOTMASS	COVER_TOTAL_JUL	0.25560435127625875	3.4511912220807174e-
relation	RC_SHOOTMASS	COVER_SHANNON_JUL	-0.042658952482188164	0.4026674686168803
relation	RC_SHOOTMASS	COVER_RICHNESS_AUG	-0.06369799142792153	0.2111886799996079
relation	RC_SHOOTMASS	COVER_TOTAL_AUG	0.34123659832541803	5.223324603991839e-
relation	RC_SHOOTMASS	COVER_SHANNON_AUG	-0.09417061474671617	0.0642161807257589
relation	RC_SHOOTMASS	PASTURE_TOTALAREA	-0.4468046136323754	2.174928087628917e-
relation	RC_SHOOTMASS	SUBPASTURE_TOTALAREA	-0.4059308697017198	8.742689586752572e-

relation	RC_SHOOTMASS	PASTURE_FORESTAREA	0.365687891379396	1.0897112678070917e-
relation	RC_SHOOTMASS	PASTURE_WETLANDAREA	-0.08335568719340583	0.1015582936752627
relation	RC_SHOOTMASS	SUBPASTURE_FORESTAREA	0.19964364441914964	0.0004825686483106
relation	RC_SHOOTMASS	SUBPASTURE_WETLANDAREA	-0.014665211236724788	0.807672851776013
relation	RC_WOODMASS	LAT	0.15225342156196528	0.00267319393806642
relation	RC_WOODMASS	LONG	0.1558525250994886	0.00210592529179342
relation	RC_WOODMASS	ENV_SOILNH4	-0.007765537952642097	0.885723823157550
relation	RC_WOODMASS	ENV_SOILNO3	-0.026914705779824057	0.618860058659984
relation	RC_WOODMASS	ENV_SOILP	-0.06649585842315649	0.2056212881151583
relation	RC_WOODMASS	ENV_SOILOC	0.10947058625220715	0.035050411660451
relation	RC_WOODMASS	ENV_SOILTN	0.0963657027675022	0.065168937350740
relation	RC_WOODMASS	ENV_SOILTC	0.09206472316617834	0.0781652587990911
relation	RC_WOODMASS	ENV_PH	-0.028686515930200503	0.575693390059723
relation	RC_WOODMASS	ENV_SOILCLAY	0.14898170438775515	0.00351626685863732
relation	RC_WOODMASS	ENV_SOILSILT	0.13066895368165884	0.0105730609748152
relation	RC_WOODMASS	ENV_SOILSAND	-0.14511407758166453	0.0044832660410850
relation	RC_WOODMASS	ENV_SOILMOIS	0.08908587007783585	0.0824529359469032
relation	RC_WOODMASS	RC_SHOOTMASS	0.3279357983509722	3.7362536439007574e-
relation	RC_WOODMASS	RC_WOODMASS	1.0	None
relation	RC_WOODMASS	RC_LITTERMASS	0.08639685783083494	0.0947992240380891
relation	RC_WOODMASS	RC_LITTERWMASS	0.17988745958759356	0.0004644334248682
relation	RC_WOODMASS	PC_SHOOTMASS	0.11573704868147719	0.0229572786124075
relation	RC_WOODMASS	PC_WOODMASS	0.2743648951790454	4.291557991256003e-
relation	RC_WOODMASS	PC_LITTERMASS	0.08382919749087009	0.100065389524667
relation	RC_WOODMASS	PC_LITTERWMASS	0.13648537238068184	0.0072444590490272
relation	RC_WOODMASS	PC_ROOTMASS	0.20181117822065459	0.0037109131619759
relation	RC_WOODMASS	PC_HEIGHT	0.15569678016386124	0.0223951505515602
relation	RC_WOODMASS	GH_COUNT	-0.17861819858983394	0.0086666228244566
relation	RC_WOODMASS	ENV_AIRTEMP	0.048194277281632295	0.4820832469128848
relation	RC_WOODMASS	COVER_RICHNESS_JUN	0.06637207436933398	0.1926069156339169
relation	RC_WOODMASS	COVER_TOTAL_JUN	0.09197126034622741	0.0707206449130854
relation	RC_WOODMASS	COVER_SHANNON_JUN	0.0256120995837778	0.6154551944746985
relation	RC_WOODMASS	COVER_RICHNESS_JUL	0.018041468303035015	0.7234901415664546
relation	RC_WOODMASS	COVER_TOTAL_JUL	-0.008520167019286137	0.867313192465784
relation	RC_WOODMASS	COVER_SHANNON_JUL	-0.009558243674701152	0.8513244263371167

relation	RC_WOODMASS	COVER_RICHNESS_AUG	0.14677516818545874	0.00380665354102301
relation	RC_WOODMASS	COVER_TOTAL_AUG	0.06987324039971078	0.170125978919148
relation	RC_WOODMASS	COVER_SHANNON_AUG	0.09483662916406668	0.0623464443148556
relation	RC_WOODMASS	PASTURE_TOTALAREA	-0.15475298544316718	0.00226631458459591
relation	RC_WOODMASS	SUBPASTURE_TOTALAREA	-0.1321732835958963	0.00923651246821611
relation	RC_WOODMASS	PASTURE_FORESTAREA	0.03228013314982067	0.526644955820339
relation	RC_WOODMASS	PASTURE_WETLANDAREA	-0.013940403696463021	0.784571733850141
relation	RC_WOODMASS	SUBPASTURE_FORESTAREA	0.049206420234108435	0.394166054079899
relation	RC_WOODMASS	SUBPASTURE_WETLANDAREA	0.06629232600736205	0.2706591563169390
relation	RC_LITTERMASS	LAT	0.08941288260392215	0.0829547723126199
relation	RC_LITTERMASS	LONG	0.08586635199219546	0.0959601496994564
relation	RC_LITTERMASS	ENV_SOILNH4	0.009695223214375681	0.859462630067378
relation	RC_LITTERMASS	ENV_SOILNO3	-0.015233782238532638	0.781167473660297
relation	RC_LITTERMASS	ENV_SOILP	0.052717436203240306	0.3219501327238405
relation	RC_LITTERMASS	ENV_SOILOC	0.18199847849181838	0.00051076853579051
relation	RC_LITTERMASS	ENV_SOILTN	0.17766425317810006	0.00072102502075456
relation	RC_LITTERMASS	ENV_SOILTC	0.17110483674589333	0.00113511533599612
relation	RC_LITTERMASS	ENV_PH	-0.03847005383758209	0.458838565495087
relation	RC_LITTERMASS	ENV_SOILCLAY	0.07761124115721567	0.1351421368053492
relation	RC_LITTERMASS	ENV_SOILSILT	0.09444938480258754	0.0688180162233952
relation	RC_LITTERMASS	ENV_SOILSAND	-0.09039883676895011	0.0816400277313949
relation	RC_LITTERMASS	ENV_SOILMOIS	0.19033988525759618	0.00022637841976013
relation	RC_LITTERMASS	RC_SHOOTMASS	0.383305760914426	1.4290328504777458e-
relation	RC_LITTERMASS	RC_WOODMASS	0.08639685783083494	0.0947992240380891
relation	RC_LITTERMASS	RC_LITTERMASS	1.0	None
relation	RC_LITTERMASS	RC_LITTERWMASS	0.2288266765808873	7.191452242783658e-
relation	RC_LITTERMASS	PC_SHOOTMASS	0.46387830574455235	1.846617005727386e-
relation	RC_LITTERMASS	PC_WOODMASS	0.01023679907062723	0.8431677705905218
relation	RC_LITTERMASS	PC_LITTERMASS	0.6319284528993696	2.613750538424736e-
relation	RC_LITTERMASS	PC_LITTERWMASS	0.06186882002051867	0.2313715182887252
relation	RC_LITTERMASS	PC_ROOTMASS	0.2251979327297617	0.00134546526260717
relation	RC_LITTERMASS	PC_HEIGHT	0.4641270463594907	1.2916307552277114e-
relation	RC_LITTERMASS	GH_COUNT	-0.1812406245369482	0.00847370203246970
relation	RC_LITTERMASS	ENV_AIRTEMP	0.09539689231685866	0.1684120586901229
relation	RC_LITTERMASS	COVER_RICHNESS_JUN	-0.06526130631856009	0.2061275144524741

relation	RC_LITTERMASS	COVER_TOTAL_JUN	0.2180385216309815	1.9461662317745575e-
relation	RC_LITTERMASS	COVER_SHANNON_JUN	-0.15491034170009876	0.0025608830659461
relation	RC_LITTERMASS	COVER_RICHNESS_JUL	-0.026183550909997744	0.6123012852621382
relation	RC_LITTERMASS	COVER_TOTAL_JUL	0.20515710773322937	5.9959939910157246e-
relation	RC_LITTERMASS	COVER_SHANNON_JUL	-0.05462588614153808	0.2900961031764359
relation	RC_LITTERMASS	COVER_RICHNESS_AUG	-0.10060671385544592	0.0509504178109487
relation	RC_LITTERMASS	COVER_TOTAL_AUG	0.30312961675635286	1.876989550866926e-
relation	RC_LITTERMASS	COVER_SHANNON_AUG	-0.11479546660506043	0.0258208048983916
relation	RC_LITTERMASS	PASTURE_TOTALAREA	-0.07020399044309507	0.1737453696530376
relation	RC_LITTERMASS	SUBPASTURE_TOTALAREA	-0.06010368782176388	0.2443510878769459
relation	RC_LITTERMASS	PASTURE_FORESTAREA	0.0930634125020073	0.0710930061238760
relation	RC_LITTERMASS	PASTURE_WETLANDAREA	0.015109470314204818	0.7699690874481893
relation	RC_LITTERMASS	SUBPASTURE_FORESTAREA	0.011949606365841057	0.8380587768919601
relation	RC_LITTERMASS	SUBPASTURE_WETLANDAREA	-0.008774654758662771	0.8852488654313365
relation	RC_LITTERWMASS	LAT	-0.037099087168031536	0.4726406240691231
relation	RC_LITTERWMASS	LONG	-0.0361896757861884	0.4835698265616552
relation	RC_LITTERWMASS	ENV_SOILNH4	-0.024011714310213664	0.6609767686265204
relation	RC_LITTERWMASS	ENV_SOILNO3	-0.04636362952908234	0.3976214328013585
relation	RC_LITTERWMASS	ENV_SOILP	-0.033868760808176794	0.5247319374162036
relation	RC_LITTERWMASS	ENV_SOILOC	-0.04047357103367377	0.4432925848181672
relation	RC_LITTERWMASS	ENV_SOILTN	-0.041518797724040234	0.4328854217043911
relation	RC_LITTERWMASS	ENV_SOILTC	-0.039667502674245424	0.4536970953056016
relation	RC_LITTERWMASS	ENV_PH	0.029291674947627445	0.572796008649922
relation	RC_LITTERWMASS	ENV_SOILCLAY	-0.021897570194994536	0.6737739565208904
relation	RC_LITTERWMASS	ENV_SOILSILT	-0.034905018901270526	0.5021170214695114
relation	RC_LITTERWMASS	ENV_SOILSAND	0.030117724354628506	0.5625445932188399
relation	RC_LITTERWMASS	ENV_SOILMOIS	-0.028939556908072584	0.578449717355905
relation	RC_LITTERWMASS	RC_SHOOTMASS	0.08527254676466035	0.0991912198684716
relation	RC_LITTERWMASS	RC_WOODMASS	0.17988745958759356	0.00046443342486821
relation	RC_LITTERWMASS	RC_LITTERMASS	0.2288266765808873	7.191452242783658e-
relation	RC_LITTERWMASS	RC_LITTERWMASS	1.0	None
relation	RC_LITTERWMASS	PC_SHOOTMASS	0.06001305959473997	0.2456954349648205
relation	RC_LITTERWMASS	PC_WOODMASS	0.06130145721328161	0.2356866377463082
relation	RC_LITTERWMASS	PC_LITTERMASS	0.08433722405477155	0.1025058953402848
relation	RC_LITTERWMASS	PC_LITTERWMASS	0.026222578127948124	0.6122468603581598

relation	RC_LITTERWMASS	PC_ROOTMASS	0.15206893539568866	0.0315855111106910
relation	RC_LITTERWMASS	PC_HEIGHT	0.07758188203767279	0.263035373212627
relation	RC_LITTERWMASS	GH_COUNT	-0.07907424234009224	0.2539355151550246
relation	RC_LITTERWMASS	ENV_AIRTEMP	0.07534391254803159	0.2770961467666223
relation	RC_LITTERWMASS	COVER_RICHNESS_JUN	0.015568234899597409	0.763189617197098
relation	RC_LITTERWMASS	COVER_TOTAL_JUN	0.0008802727806499897	0.986408652430756
relation	RC_LITTERWMASS	COVER_SHANNON_JUN	-0.033173905678184054	0.520770235081655
relation	RC_LITTERWMASS	COVER_RICHNESS_JUL	0.02940622752539512	0.5692253408911963
relation	RC_LITTERWMASS	COVER_TOTAL_JUL	0.0817646644537403	0.1129741673695523
relation	RC_LITTERWMASS	COVER_SHANNON_JUL	0.016179218761002263	0.75418879702665
relation	RC_LITTERWMASS	COVER_RICHNESS_AUG	0.02944779698139682	0.568679241398790
relation	RC_LITTERWMASS	COVER_TOTAL_AUG	0.006587638753038501	0.898556194967361
relation	RC_LITTERWMASS	COVER_SHANNON_AUG	0.00604769639710598	0.906831400247378
relation	RC_LITTERWMASS	PASTURE_TOTALAREA	0.04344684614459617	0.4002464782265421
relation	RC_LITTERWMASS	SUBPASTURE_TOTALAREA	0.030562178223988344	0.5541333292472078
relation	RC_LITTERWMASS	PASTURE_FORESTAREA	-0.11296911785405053	0.0282926237838703
relation	RC_LITTERWMASS	PASTURE_WETLANDAREA	0.005054225383359578	0.922083126485679
relation	RC_LITTERWMASS	SUBPASTURE_FORESTAREA	-0.014518871985806562	0.8038835856486972
relation	RC_LITTERWMASS	SUBPASTURE_WETLANDAREA	0.016594036074590993	0.7848999378861369
relation	PC_SHOOTMASS	LAT	0.3924691088736954	6.361963474958979e-
relation	PC_SHOOTMASS	LONG	0.3862622580526437	1.9679846949167835e-
relation	PC_SHOOTMASS	ENV_SOILNH4	0.0856927148628705	0.1100275025522944
relation	PC_SHOOTMASS	ENV_SOILNO3	0.03818749147678749	0.4776580063812204
relation	PC_SHOOTMASS	ENV_SOILP	0.2059424646830758	6.583995324491566e-
relation	PC_SHOOTMASS	ENV_SOILOC	0.4875775611978816	6.579260168963192e-
relation	PC_SHOOTMASS	ENV_SOILTN	0.48661927643902464	1.4311635503354207e-
relation	PC_SHOOTMASS	ENV_SOILTC	0.48922885884878564	7.658774418414108e-
relation	PC_SHOOTMASS	ENV_PH	-0.015774215726950844	0.756458867355722
relation	PC_SHOOTMASS	ENV_SOILCLAY	0.356687107442117	4.393265583035553e-
relation	PC_SHOOTMASS	ENV_SOILSILT	0.4336206577143602	3.221720766892205e-
relation	PC_SHOOTMASS	ENV_SOILSAND	-0.41545698855462626	1.2684313191903158e-
relation	PC_SHOOTMASS	ENV_SOILMOIS	0.4646982731007773	3.9768084863801426e-
relation	PC_SHOOTMASS	RC_SHOOTMASS	0.5358317826496432	4.543292581278044e-
relation	PC_SHOOTMASS	RC_WOODMASS	0.11573704868147719	0.0229572786124075
relation	PC_SHOOTMASS	RC_LITTERMASS	0.46387830574455235	1.846617005727386e-

relation	PC_SHOOTMASS	RC_LITTERWMASS	0.06001305959473997	0.2456954349648205
relation	PC_SHOOTMASS	PC_SHOOTMASS	1.0	None
relation	PC_SHOOTMASS	PC_WOODMASS	0.23479718070611022	2.528819950335079e-
relation	PC_SHOOTMASS	PC_LITTERMASS	0.4340183436349178	1.9435639200467943e-
relation	PC_SHOOTMASS	PC_LITTERWMASS	0.1440928906162689	0.0042535962742821
relation	PC_SHOOTMASS	PC_ROOTMASS	0.23337603874637605	0.00071381576919340
relation	PC_SHOOTMASS	PC_HEIGHT	0.619452682062701	1.717779592448682e-
relation	PC_SHOOTMASS	GH_COUNT	-0.41495278496384275	1.7533041536655184e-
relation	PC_SHOOTMASS	ENV_AIRTEMP	0.03416083885065835	0.6159310153067712
relation	PC_SHOOTMASS	COVER_RICHNESS_JUN	-0.12362931316159177	0.0141881581894935
relation	PC_SHOOTMASS	COVER_TOTAL_JUN	0.32462521802625444	4.270405728760976e-
relation	PC_SHOOTMASS	COVER_SHANNON_JUN	-0.12894718105433087	0.01050260975315442
relation	PC_SHOOTMASS	COVER_RICHNESS_JUL	-0.09522991325677684	0.0592768296988512
relation	PC_SHOOTMASS	COVER_TOTAL_JUL	0.3040418772368303	7.531611937648147e-
relation	PC_SHOOTMASS	COVER_SHANNON_JUL	-0.02898989245801219	0.5666500739353889
relation	PC_SHOOTMASS	COVER_RICHNESS_AUG	-0.1787972375172053	0.00036808166889020
relation	PC_SHOOTMASS	COVER_TOTAL_AUG	0.38028895793274287	5.705389590219823e-
relation	PC_SHOOTMASS	COVER_SHANNON_AUG	-0.16232112838686977	0.00124188536122513
relation	PC_SHOOTMASS	PASTURE_TOTALAREA	-0.39754025986161146	2.4839782470474026e-
relation	PC_SHOOTMASS	SUBPASTURE_TOTALAREA	-0.313968484695335	1.9396895882515646e-
relation	PC_SHOOTMASS	PASTURE_FORESTAREA	0.2970145283062479	1.9088310644738217e-
relation	PC_SHOOTMASS	PASTURE_WETLANDAREA	-0.07184378886525236	0.1551573848851523
relation	PC_SHOOTMASS	SUBPASTURE_FORESTAREA	0.2733844912494296	1.153243996079677e-
relation	PC_SHOOTMASS	SUBPASTURE_WETLANDAREA	0.0535390478384604	0.3704008833368081
relation	PC_WOODMASS	LAT	0.21703925333046295	1.4197706136396456e-
relation	PC_WOODMASS	LONG	0.22078393319009243	9.982092986453796e-
relation	PC_WOODMASS	ENV_SOILNH4	0.0039275124327317005	0.941719346952653
relation	PC_WOODMASS	ENV_SOILNO3	-0.025879325499701004	0.6304339310644499
relation	PC_WOODMASS	ENV_SOILP	-0.06015552717873491	0.2483997548063793
relation	PC_WOODMASS	ENV_SOILOC	0.16240965013460626	0.0015562488516187
relation	PC_WOODMASS	ENV_SOILTN	0.14405088848003703	0.0053149521940396
relation	PC_WOODMASS	ENV_SOILTC	0.1475756539079919	0.0042868046011100
relation	PC_WOODMASS	ENV_PH	0.009446697141468008	0.8526623514607476
relation	PC_WOODMASS	ENV_SOILCLAY	0.2273279374518332	6.104307239362506e-
relation	PC_WOODMASS	ENV_SOILSILT	0.21525834012436698	1.8972195486532127e-

relation	PC_WOODMASS	ENV_SOILSAND	-0.23045834490472916	4.502148210661584e-
relation	PC_WOODMASS	ENV_SOILMOIS	0.12927252554282198	0.0109104763642692
relation	PC_WOODMASS	RC_SHOOTMASS	0.07911614618507941	0.1207154101906320
relation	PC_WOODMASS	RC_WOODMASS	0.2743648951790454	4.291557991256003e-
relation	PC_WOODMASS	RC_LITTERMASS	0.01023679907062723	0.8431677705905218
relation	PC_WOODMASS	RC_LITTERWMASS	0.06130145721328161	0.2356866377463082
relation	PC_WOODMASS	PC_SHOOTMASS	0.23479718070611022	2.528819950335079e-
relation	PC_WOODMASS	PC_WOODMASS	1.0	None
relation	PC_WOODMASS	PC_LITTERMASS	0.020911217325040844	0.6797942172163045
relation	PC_WOODMASS	PC_LITTERWMASS	0.2190748814445806	1.2038371466829651e-
relation	PC_WOODMASS	PC_ROOTMASS	0.06247923211253366	0.3711344627355137
relation	PC_WOODMASS	PC_HEIGHT	0.25150354595792995	0.00017504187679248
relation	PC_WOODMASS	GH_COUNT	-0.2127751985327731	0.00157883830668430
relation	PC_WOODMASS	ENV_AIRTEMP	0.11356716411792406	0.0944110986397796
relation	PC_WOODMASS	COVER_RICHNESS_JUN	0.14421243544099793	0.0041729501307974
relation	PC_WOODMASS	COVER_TOTAL_JUN	0.16277846202760318	0.0012024331242297
relation	PC_WOODMASS	COVER_SHANNON_JUN	0.11170384919045476	0.0268065651605776
relation	PC_WOODMASS	COVER_RICHNESS_JUL	0.0419224651715522	0.4072189217519710
relation	PC_WOODMASS	COVER_TOTAL_JUL	0.03372769725616756	0.5049730699444513
relation	PC_WOODMASS	COVER_SHANNON_JUL	0.05827486867658689	0.2490934587897204
relation	PC_WOODMASS	COVER_RICHNESS_AUG	0.1615503759896173	0.0013110788138593
relation	PC_WOODMASS	COVER_TOTAL_AUG	0.033773210402977615	0.5043981422105768
relation	PC_WOODMASS	COVER_SHANNON_AUG	0.08761690675459846	0.0827864661372192
relation	PC_WOODMASS	PASTURE_TOTALAREA	-0.23543261988876943	2.3712647885959527e-
relation	PC_WOODMASS	SUBPASTURE_TOTALAREA	-0.20212459846264427	5.4385728448453246e-
relation	PC_WOODMASS	PASTURE_FORESTAREA	0.07446840993268532	0.1405831149829988
relation	PC_WOODMASS	PASTURE_WETLANDAREA	-0.04455899141876881	0.3783332587530622
relation	PC_WOODMASS	SUBPASTURE_FORESTAREA	0.1726383932178294	0.0024025503868163
relation	PC_WOODMASS	SUBPASTURE_WETLANDAREA	0.09885260911608489	0.0975792595455565
relation	PC_LITTERMASS	LAT	0.029243353497779595	0.563261481989401
relation	PC_LITTERMASS	LONG	0.02873966932799481	0.570004899976873
relation	PC_LITTERMASS	ENV_SOILNH4	0.016663646958718234	0.7564032940798467
relation	PC_LITTERMASS	ENV_SOILNO3	-0.03743414618552536	0.4863934838907951
relation	PC_LITTERMASS	ENV_SOILP	0.017756293995001678	0.7335400371265245
relation	PC_LITTERMASS	ENV_SOILOC	0.12431756663825823	0.0157278256401011

relation	PC_LITTERMASS	ENV_SOILTN	0.13927075830430344	0.0070626075591674
relation	PC_LITTERMASS	ENV_SOILTC	0.14109394721825463	0.0063430866214356
relation	PC_LITTERMASS	ENV_PH	-0.008268449492969331	0.870867022278662
relation	PC_LITTERMASS	ENV_SOILCLAY	0.002513108473011718	0.960646065952119
relation	PC_LITTERMASS	ENV_SOILSILT	0.04387127703806251	0.3888026701564387
relation	PC_LITTERMASS	ENV_SOILSAND	-0.025845835231069918	0.611771687254147
relation	PC_LITTERMASS	ENV_SOILMOIS	0.1085932213673718	0.0327047597701872
relation	PC_LITTERMASS	RC_SHOOTMASS	0.3025405486019514	1.2993903252268418e
relation	PC_LITTERMASS	RC_WOODMASS	0.08382919749087009	0.100065389524667
relation	PC_LITTERMASS	RC_LITTERMASS	0.6319284528993696	2.613750538424736e-
relation	PC_LITTERMASS	RC_LITTERWMASS	0.08433722405477155	0.102505895340284
relation	PC_LITTERMASS	PC_SHOOTMASS	0.4340183436349178	1.9435639200467943e
relation	PC_LITTERMASS	PC_WOODMASS	0.020911217325040844	0.6797942172163045
relation	PC_LITTERMASS	PC_LITTERMASS	1.0	None
relation	PC_LITTERMASS	PC_LITTERWMASS	0.10985103068601425	0.0294530842086257
relation	PC_LITTERMASS	PC_ROOTMASS	0.28082884721671864	4.153987096389081e-
relation	PC_LITTERMASS	PC_HEIGHT	0.36683224806402187	2.3934609822346837e
relation	PC_LITTERMASS	GH_COUNT	-0.2296881415999568	0.00063172465255357
relation	PC_LITTERMASS	ENV_AIRTEMP	0.21857861590493438	0.0011618404493973
relation	PC_LITTERMASS	COVER_RICHNESS_JUN	-0.12094361579618466	0.0164494278434602
relation	PC_LITTERMASS	COVER_TOTAL_JUN	0.14927148862636236	0.0030130584460191
relation	PC_LITTERMASS	COVER_SHANNON_JUN	-0.22335716487808516	7.808081161920723e-
relation	PC_LITTERMASS	COVER_RICHNESS_JUL	-0.06207892108237129	0.2194727894187189
relation	PC_LITTERMASS	COVER_TOTAL_JUL	0.18144489136869063	0.0002996493758841
relation	PC_LITTERMASS	COVER_SHANNON_JUL	-0.09313284027846104	0.0651225218679056
relation	PC_LITTERMASS	COVER_RICHNESS_AUG	-0.11237277195385986	0.0259026909923355
relation	PC_LITTERMASS	COVER_TOTAL_AUG	0.3158464749428252	1.4920485054560637e
relation	PC_LITTERMASS	COVER_SHANNON_AUG	-0.16606955096519285	0.0009508155022257
relation	PC_LITTERMASS	PASTURE_TOTALAREA	-0.00888174560722709	0.860673919945009
relation	PC_LITTERMASS	SUBPASTURE_TOTALAREA	-0.00239133854778827	0.962309592549951
relation	PC_LITTERMASS	PASTURE_FORESTAREA	0.0386006780247001	0.445418337442438
relation	PC_LITTERMASS	PASTURE_WETLANDAREA	0.09602173349652735	0.0571855403953398
relation	PC_LITTERMASS	SUBPASTURE_FORESTAREA	-0.009159328650612406	0.873012557261390
relation	PC_LITTERMASS	SUBPASTURE_WETLANDAREA	0.05324310706513571	0.373055537056164
relation	PC_LITTERWMASS	LAT	-0.031365064078597925	0.535284042629431

relation	PC_LITTERWMASS	LONG	-0.03413305824463517	0.4998646345612630
relation	PC_LITTERWMASS	ENV_SOILNH4	-0.0509623920720499	0.3424896963839661
relation	PC_LITTERWMASS	ENV_SOILNO3	-0.05077222976585785	0.3449933144321074
relation	PC_LITTERWMASS	ENV_SOILP	-0.003529811451863121	0.9460501225375278
relation	PC_LITTERWMASS	ENV_SOILOC	-0.01362789417880441	0.7919807269135921
relation	PC_LITTERWMASS	ENV_SOILTN	-0.02662113110289614	0.6082978812187493
relation	PC_LITTERWMASS	ENV_SOILTC	-0.024004468247935	0.6439996789100326
relation	PC_LITTERWMASS	ENV_PH	-0.06797838190507388	0.1809040267323964
relation	PC_LITTERWMASS	ENV_SOILCLAY	0.01084607240291103	0.831358311283066
relation	PC_LITTERWMASS	ENV_SOILSILT	-0.05289306575803243	0.2986937614249134
relation	PC_LITTERWMASS	ENV_SOILSAND	0.02449445674548049	0.6305162771402633
relation	PC_LITTERWMASS	ENV_SOILMOIS	-0.023664933966367093	0.6425738693085232
relation	PC_LITTERWMASS	RC_SHOOTMASS	0.06158383492991493	0.2273734462754661
relation	PC_LITTERWMASS	RC_WOODMASS	0.13648537238068184	0.0072444590490272
relation	PC_LITTERWMASS	RC_LITTERMASS	0.06186882002051867	0.2313715182887252
relation	PC_LITTERWMASS	RC_LITTERWMASS	0.026222578127948124	0.6122468603581598
relation	PC_LITTERWMASS	PC_SHOOTMASS	0.1440928906162689	0.0042535962742821
relation	PC_LITTERWMASS	PC_WOODMASS	0.2190748814445806	1.2038371466829651e-
relation	PC_LITTERWMASS	PC_LITTERMASS	0.10985103068601425	0.0294530842086257
relation	PC_LITTERWMASS	PC_LITTERWMASS	1.0	None
relation	PC_LITTERWMASS	PC_ROOTMASS	0.19700689280452574	0.0044382282950814
relation	PC_LITTERWMASS	PC_HEIGHT	0.040495308072257874	0.5520355738042267
relation	PC_LITTERWMASS	GH_COUNT	0.036140552927454564	0.5956166318688746
relation	PC_LITTERWMASS	ENV_AIRTEMP	0.14098733403779948	0.0375175896312848
relation	PC_LITTERWMASS	COVER_RICHNESS_JUN	0.06855752247723931	0.1749824088906647
relation	PC_LITTERWMASS	COVER_TOTAL_JUN	0.07017015216480584	0.1650305273917154
relation	PC_LITTERWMASS	COVER_SHANNON_JUN	0.03188954016096813	0.52847731274877
relation	PC_LITTERWMASS	COVER_RICHNESS_JUL	0.016647594505260304	0.7421577560163621
relation	PC_LITTERWMASS	COVER_TOTAL_JUL	0.02323654789500638	0.646060883276612
relation	PC_LITTERWMASS	COVER_SHANNON_JUL	0.04159980625213952	0.4108417693277433
relation	PC_LITTERWMASS	COVER_RICHNESS_AUG	0.05755805146398864	0.2549730073298767
relation	PC_LITTERWMASS	COVER_TOTAL_AUG	-0.008664729565448608	0.8640447772860628
relation	PC_LITTERWMASS	COVER_SHANNON_AUG	0.04282372736553252	0.3972005020710750
relation	PC_LITTERWMASS	PASTURE_TOTALAREA	0.03154086454241855	0.5329975817992983
relation	PC_LITTERWMASS	SUBPASTURE_TOTALAREA	0.030359078047109668	0.5484618963415747

relation	PC_LITTERWMASS	PASTURE_FORESTAREA	0.028631539629585423	0.5714575451293981
relation	PC_LITTERWMASS	PASTURE_WETLANDAREA	0.07274274797115002	0.1500420917520262
relation	PC_LITTERWMASS	SUBPASTURE_FORESTAREA	-0.011995274789530894	0.8341950372088929
relation	PC_LITTERWMASS	SUBPASTURE_WETLANDAREA	0.011653308035124219	0.8455262467941296
relation	PC_ROOTMASS	LAT	0.1279959054945492	0.0660688753804067
relation	PC_ROOTMASS	LONG	0.04975182570044327	0.4765201362060011
relation	PC_ROOTMASS	ENV_SOILNH4	0.006828941072810309	0.9291544747197701
relation	PC_ROOTMASS	ENV_SOILNO3	-0.010169972485079209	0.8946609642366006
relation	PC_ROOTMASS	ENV_SOILP	-0.09990363582044871	0.1603334760384246
relation	PC_ROOTMASS	ENV_SOILOC	0.3683067336152614	7.474097785366531e-0
relation	PC_ROOTMASS	ENV_SOILTN	0.17832285595581973	0.0115257659483930
relation	PC_ROOTMASS	ENV_SOILTC	0.21401942680041264	0.0023418660038106
relation	PC_ROOTMASS	ENV_PH	0.06834093936689031	0.3290396543685545
relation	PC_ROOTMASS	ENV_SOILCLAY	-0.04911481636112842	0.4832630758715857
relation	PC_ROOTMASS	ENV_SOILSILT	0.15799366887023744	0.0233230154551518
relation	PC_ROOTMASS	ENV_SOILSAND	-0.11997638925178604	0.0858482610087883
relation	PC_ROOTMASS	ENV_SOILMOIS	0.10148899403808702	0.1466328988502512
relation	PC_ROOTMASS	RC_SHOOTMASS	0.30970964144074525	6.2174039437127956e-
relation	PC_ROOTMASS	RC_WOODMASS	0.20181117822065459	0.0037109131619759
relation	PC_ROOTMASS	RC_LITTERMASS	0.2251979327297617	0.0013454652626071
relation	PC_ROOTMASS	RC_LITTERWMASS	0.15206893539568866	0.0315855111106910
relation	PC_ROOTMASS	PC_SHOOTMASS	0.23337603874637605	0.0007138157691934
relation	PC_ROOTMASS	PC_WOODMASS	0.06247923211253366	0.3711344627355137
relation	PC_ROOTMASS	PC_LITTERMASS	0.28082884721671864	4.153987096389081e-0
relation	PC_ROOTMASS	PC_LITTERWMASS	0.19700689280452574	0.0044382282950814
relation	PC_ROOTMASS	PC_ROOTMASS	1.0	None
relation	PC_ROOTMASS	PC_HEIGHT	0.10202303380690725	0.2654882878616503
relation	PC_ROOTMASS	GH_COUNT	-0.20865355790863835	0.0216355930815406
relation	PC_ROOTMASS	ENV_AIRTEMP	0.1325962415772869	0.1471062630748230
relation	PC_ROOTMASS	COVER_RICHNESS_JUN	-0.03943710758038879	0.5726283532591034
relation	PC_ROOTMASS	COVER_TOTAL_JUN	0.09979738521219683	0.1525122568277788
relation	PC_ROOTMASS	COVER_SHANNON_JUN	-0.1981139495509342	0.0042161362328158
relation	PC_ROOTMASS	COVER_RICHNESS_JUL	0.0718108358184797	0.303832359793848
relation	PC_ROOTMASS	COVER_TOTAL_JUL	0.2323859984177406	0.0007531749171064
relation	PC_ROOTMASS	COVER_SHANNON_JUL	-0.05726250520447905	0.4124739357775863

relation	PC_ROOTMASS	COVER_RICHNESS_AUG	0.039148452672365504	0.5754438564828536
relation	PC_ROOTMASS	COVER_TOTAL_AUG	0.25514893902493413	0.000206993884661967
relation	PC_ROOTMASS	COVER_SHANNON_AUG	-0.04883143950124643	0.484724100341054
relation	PC_ROOTMASS	PASTURE_TOTALAREA	-0.03806819209339685	0.5860377787573317
relation	PC_ROOTMASS	SUBPASTURE_TOTALAREA	-0.03008768141669609	0.6669319903712975
relation	PC_ROOTMASS	PASTURE_FORESTAREA	-0.10012590109032145	0.1511596925750780
relation	PC_ROOTMASS	PASTURE_WETLANDAREA	0.1566443977539451	0.0241957998501086
relation	PC_ROOTMASS	SUBPASTURE_FORESTAREA	-0.05774019232574808	0.4964466454744005
relation	PC_ROOTMASS	SUBPASTURE_WETLANDAREA	0.21463455468426784	0.0075160365103651
relation	PC_HEIGHT	LAT	0.4860389715865934	1.9145188268510122e-
relation	PC_HEIGHT	LONG	0.4821134545882964	3.314546392600102e-
relation	PC_HEIGHT	ENV_SOILNH4	0.06033714038349514	0.4033069185200923
relation	PC_HEIGHT	ENV_SOILNO3	0.03496470799087021	0.6292821593219811
relation	PC_HEIGHT	ENV_SOILP	0.13566940278009731	0.0496010041608844
relation	PC_HEIGHT	ENV_SOILOC	0.530049367045362	1.8239553605914433e-
relation	PC_HEIGHT	ENV_SOILTN	0.5661706353926698	6.087565176660631e-
relation	PC_HEIGHT	ENV_SOILTC	0.5569255849238681	2.927535585947305e-
relation	PC_HEIGHT	ENV_PH	-0.053911887805934415	0.4305120949233222
relation	PC_HEIGHT	ENV_SOILCLAY	0.434966805013608	2.455006754496381e-
relation	PC_HEIGHT	ENV_SOILSILT	0.4761518675911453	1.4477309697023408e-
relation	PC_HEIGHT	ENV_SOILSAND	-0.4771016083916733	1.275475537457891e-
relation	PC_HEIGHT	ENV_SOILMOIS	0.540461542939318	8.826691621375359e-
relation	PC_HEIGHT	RC_SHOOTMASS	0.5291535275809721	6.520771002666546e-
relation	PC_HEIGHT	RC_WOODMASS	0.15569678016386124	0.0223951505515602
relation	PC_HEIGHT	RC_LITTERMASS	0.4641270463594907	1.2916307552277114e-
relation	PC_HEIGHT	RC_LITTERWMASS	0.07758188203767279	0.2630353732126276
relation	PC_HEIGHT	PC_SHOOTMASS	0.619452682062701	1.717779592448682e-
relation	PC_HEIGHT	PC_WOODMASS	0.25150354595792995	0.00017504187679248
relation	PC_HEIGHT	PC_LITTERMASS	0.36683224806402187	2.3934609822346837e-
relation	PC_HEIGHT	PC_LITTERWMASS	0.040495308072257874	0.5520355738042267
relation	PC_HEIGHT	PC_ROOTMASS	0.10202303380690725	0.2654882878616503
relation	PC_HEIGHT	PC_HEIGHT	1.0	None
relation	PC_HEIGHT	GH_COUNT	-0.48659567735203463	1.7701421206126142e-
relation	PC_HEIGHT	ENV_AIRTEMP	-0.040142792423576365	0.5536760158459562
relation	PC_HEIGHT	COVER_RICHNESS_JUN	-0.00697182570555407	0.9181050038373915

relation	PC_HEIGHT	COVER_TOTAL_JUN	0.3054785846032081	3.912354127930371e-(
relation	PC_HEIGHT	COVER_SHANNON_JUN	-0.06613086103779735	0.328885787942507
relation	PC_HEIGHT	COVER_RICHNESS_JUL	-0.07471557436214067	0.269835724668399
relation	PC_HEIGHT	COVER_TOTAL_JUL	0.2382140202619009	0.00036439896536315
relation	PC_HEIGHT	COVER_SHANNON_JUL	-0.04339976277594029	0.521940396759367
relation	PC_HEIGHT	COVER_RICHNESS_AUG	-0.02033952329566282	0.764179968682914
relation	PC_HEIGHT	COVER_TOTAL_AUG	0.3837349285651141	3.952245702566371e-(
relation	PC_HEIGHT	COVER_SHANNON_AUG	-0.044245985446403804	0.513849614279329
relation	PC_HEIGHT	PASTURE_TOTALAREA	-0.49061716541597666	1.0004306326841952e-
relation	PC_HEIGHT	SUBPASTURE_TOTALAREA	-0.43770049228239527	1.0361127438514838e-
relation	PC_HEIGHT	PASTURE_FORESTAREA	0.3485759444633344	1.1071974031207449e-
relation	PC_HEIGHT	PASTURE_WETLANDAREA	-0.21167948048597582	0.00159025678427998
relation	PC_HEIGHT	SUBPASTURE_FORESTAREA	0.34854595424318935	1.4225823713270304e-
relation	PC_HEIGHT	SUBPASTURE_WETLANDAREA	0.004532586237055761	0.9535011401093854
relation	GH_COUNT	LAT	-0.7813062139965271	1.6248731616668093e-
relation	GH_COUNT	LONG	-0.781192486992799	1.707930269225409e-4
relation	GH_COUNT	ENV_SOILNH4	-0.04619405770251216	0.522437683420382
relation	GH_COUNT	ENV_SOILNO3	-0.021645384303178004	0.765101130869889
relation	GH_COUNT	ENV_SOILP	-0.18364960310378695	0.00762627533445621
relation	GH_COUNT	ENV_SOILOC	-0.6814744193438345	9.5195364904934e-3(
relation	GH_COUNT	ENV_SOILTN	-0.708610599363395	7.039574888603684e-3
relation	GH_COUNT	ENV_SOILTC	-0.7058709418636503	1.564375123652322e-3
relation	GH_COUNT	ENV_PH	0.018517794494671398	0.7866995327798973
relation	GH_COUNT	ENV_SOILCLAY	-0.7079594287199025	5.173722919546439e-3
relation	GH_COUNT	ENV_SOILSILT	-0.7231851683252417	4.35197577547429e-3
relation	GH_COUNT	ENV_SOILSAND	0.7471914416448759	1.1716855995130643e-
relation	GH_COUNT	ENV_SOILMOIS	-0.6848155793291223	3.0615074176299337e-
relation	GH_COUNT	RC_SHOOTMASS	-0.4607296017597705	1.0732039055014794e-
relation	GH_COUNT	RC_WOODMASS	-0.17861819858983394	0.0086666228244566
relation	GH_COUNT	RC_LITTERMASS	-0.1812406245369482	0.0084737020324697(
relation	GH_COUNT	RC_LITTERWMASS	-0.07907424234009224	0.2539355151550246
relation	GH_COUNT	PC_SHOOTMASS	-0.41495278496384275	1.7533041536655184e-
relation	GH_COUNT	PC_WOODMASS	-0.2127751985327731	0.00157883830668430
relation	GH_COUNT	PC_LITTERMASS	-0.2296881415999568	0.00063172465255357
relation	GH_COUNT	PC_LITTERWMASS	0.036140552927454564	0.595166631868746

relation	GH_COUNT	PC_ROOTMASS	-0.20865355790863835	0.0216355930815406
relation	GH_COUNT	PC_HEIGHT	-0.48659567735203463	1.7701421206126142e-
relation	GH_COUNT	GH_COUNT	1.0	None
relation	GH_COUNT	ENV_AIRTEMP	0.1288187368501759	0.0564219698223690
relation	GH_COUNT	COVER_RICHNESS_JUN	-0.03677397388479688	0.587458629523845
relation	GH_COUNT	COVER_TOTAL_JUN	-0.3481808528005946	1.1468774300170919e-
relation	GH_COUNT	COVER_SHANNON_JUN	-0.020206043871447466	0.765682431626085
relation	GH_COUNT	COVER_RICHNESS_JUL	-0.05511780422049318	0.4159368745139954
relation	GH_COUNT	COVER_TOTAL_JUL	-0.32120480972075705	1.134918812143545e-
relation	GH_COUNT	COVER_SHANNON_JUL	-0.044569199602983334	0.510776539188985
relation	GH_COUNT	COVER_RICHNESS_AUG	-0.1297525699093097	0.054642314662063
relation	GH_COUNT	COVER_TOTAL_AUG	-0.38957710996497985	2.183610528416555e-
relation	GH_COUNT	COVER_SHANNON_AUG	-0.12501273788836514	0.0641777267165844
relation	GH_COUNT	PASTURE_TOTALAREA	0.7459882276721426	2.3415013304272545e-
relation	GH_COUNT	SUBPASTURE_TOTALAREA	0.6969133127480233	2.5743012004952077e-
relation	GH_COUNT	PASTURE_FORESTAREA	-0.6601480833102171	6.555970778492832e-
relation	GH_COUNT	PASTURE_WETLANDAREA	0.09403117919691222	0.1645763039017803
relation	GH_COUNT	SUBPASTURE_FORESTAREA	-0.42099932710749977	3.262351427667347e-
relation	GH_COUNT	SUBPASTURE_WETLANDAREA	-0.12091525912272896	0.118459170380977
relation	ENV_AIRTEMP	LAT	0.006937574557053264	0.9185059413658443
relation	ENV_AIRTEMP	LONG	0.00595473765261751	0.9300192182234516
relation	ENV_AIRTEMP	ENV_SOILNH4	-0.03177618899918397	0.6600515712575004
relation	ENV_AIRTEMP	ENV_SOILNO3	-0.0685477636247559	0.3435243974505415
relation	ENV_AIRTEMP	ENV_SOILP	-0.06363740594832878	0.3588179631638951
relation	ENV_AIRTEMP	ENV_SOILOC	0.02254369585001524	0.7465350266847243
relation	ENV_AIRTEMP	ENV_SOILTN	0.01660246924715046	0.8123171368384503
relation	ENV_AIRTEMP	ENV_SOILTC	0.021490356245616907	0.7585727395875931
relation	ENV_AIRTEMP	ENV_PH	-0.07196575201869115	0.2923845757733340
relation	ENV_AIRTEMP	ENV_SOILCLAY	0.0364795736098185	0.5947575457563129
relation	ENV_AIRTEMP	ENV_SOILSILT	-0.04389531568846088	0.5220502246826385
relation	ENV_AIRTEMP	ENV_SOILSAND	0.007426345123067564	0.9137908031100858
relation	ENV_AIRTEMP	ENV_SOILMOIS	-0.02697225444404641	0.6934473194330113
relation	ENV_AIRTEMP	RC_SHOOTMASS	0.025988140868643813	0.7047594979829404
relation	ENV_AIRTEMP	RC_WOODMASS	0.048194277281632295	0.4820832469128848
relation	ENV_AIRTEMP	RC_LITTERMASS	0.09539689231685866	0.1684120586901229

relation	ENV_AIRTEMP	RC_LITTERWMASS	0.07534391254803159	0.2770961467666223
relation	ENV_AIRTEMP	PC_SHOOTMASS	0.03416083885065835	0.6159310153067712
relation	ENV_AIRTEMP	PC_WOODMASS	0.11356716411792406	0.0944110986397796
relation	ENV_AIRTEMP	PC_LITTERMASS	0.21857861590493438	0.0011618404493973
relation	ENV_AIRTEMP	PC_LITTERWMASS	0.14098733403779948	0.037517589631284
relation	ENV_AIRTEMP	PC_ROOTMASS	0.1325962415772869	0.1471062630748230
relation	ENV_AIRTEMP	PC_HEIGHT	-0.040142792423576365	0.5536760158459562
relation	ENV_AIRTEMP	GH_COUNT	0.1288187368501759	0.0564219698223690
relation	ENV_AIRTEMP	ENV_AIRTEMP	1.0	None
relation	ENV_AIRTEMP	COVER_RICHNESS_JUN	0.04246532214229965	0.530949610650662
relation	ENV_AIRTEMP	COVER_TOTAL_JUN	0.09089836645514963	0.1791610283786182
relation	ENV_AIRTEMP	COVER_SHANNON_JUN	0.015621725737284698	0.8177796225249793
relation	ENV_AIRTEMP	COVER_RICHNESS_JUL	0.02163258403396514	0.7496714990071824
relation	ENV_AIRTEMP	COVER_TOTAL_JUL	0.017394565872921527	0.7975240577946011
relation	ENV_AIRTEMP	COVER_SHANNON_JUL	-0.005072855967164848	0.9403623386244826
relation	ENV_AIRTEMP	COVER_RICHNESS_AUG	0.054804239809551375	0.4185982092159450
relation	ENV_AIRTEMP	COVER_TOTAL_AUG	0.030283086084741714	0.6550812621388696
relation	ENV_AIRTEMP	COVER_SHANNON_AUG	0.014575338051234687	0.8297930004190722
relation	ENV_AIRTEMP	PASTURE_TOTALAREA	0.0984128516312519	0.1456922218223313
relation	ENV_AIRTEMP	SUBPASTURE_TOTALAREA	0.09925742397498337	0.1422496471702755
relation	ENV_AIRTEMP	PASTURE_FORESTAREA	-0.000985071280562271	0.9884089507170277
relation	ENV_AIRTEMP	PASTURE_WETLANDAREA	0.27013305897798234	4.9151584970385856e-
relation	ENV_AIRTEMP	SUBPASTURE_FORESTAREA	-0.02482991179662435	0.7393477765873678
relation	ENV_AIRTEMP	SUBPASTURE_WETLANDAREA	0.1571340863883958	0.0419376133254538
relation	COVER_RICHNESS_JUN	LAT	-0.002119913330964899	0.9664568987914282
relation	COVER_RICHNESS_JUN	LONG	0.0009922285381149046	0.9842965026658951
relation	COVER_RICHNESS_JUN	ENV_SOILNH4	-0.08162050514696902	0.1269469920413453
relation	COVER_RICHNESS_JUN	ENV_SOILNO3	-0.10096082672418558	0.0591776702119967
relation	COVER_RICHNESS_JUN	ENV_SOILP	-0.06683846429585252	0.1983614579036560
relation	COVER_RICHNESS_JUN	ENV_SOILOC	-0.017694436474492755	0.7313254336034805
relation	COVER_RICHNESS_JUN	ENV_SOILTN	-0.01110515396504132	0.8302826641211773
relation	COVER_RICHNESS_JUN	ENV_SOILTC	-0.007192131431441615	0.8895988234695111
relation	COVER_RICHNESS_JUN	ENV_PH	-0.01288720102909524	0.7994781097647985
relation	COVER_RICHNESS_JUN	ENV_SOILCLAY	-0.018597921482428042	0.7142663769315581
relation	COVER_RICHNESS_JUN	ENV_SOILSILT	-0.02814444247060242	0.5794871994691827

relation	COVER_RICHNESS_JUN	ENV_SOILSAND	0.024767926802165663	0.6258104234645708
relation	COVER_RICHNESS_JUN	ENV_SOILMOIS	-0.045682698275266255	0.3688799877357861
relation	COVER_RICHNESS_JUN	RC_SHOOTMASS	-0.07447217047967862	0.143650188037305
relation	COVER_RICHNESS_JUN	RC_WOODMASS	0.06637207436933398	0.1926069156339169
relation	COVER_RICHNESS_JUN	RC_LITTERMASS	-0.06526130631856009	0.2061275144524741
relation	COVER_RICHNESS_JUN	RC_LITTERWMASS	0.015568234899597409	0.7631896171979098
relation	COVER_RICHNESS_JUN	PC_SHOOTMASS	-0.12362931316159177	0.0141881581894935
relation	COVER_RICHNESS_JUN	PC_WOODMASS	0.14421243544099793	0.0041729501307974
relation	COVER_RICHNESS_JUN	PC_LITTERMASS	-0.12094361579618466	0.0164494278434602
relation	COVER_RICHNESS_JUN	PC_LITTERWMASS	0.06855752247723931	0.1749824088906647
relation	COVER_RICHNESS_JUN	PC_ROOTMASS	-0.03943710758038879	0.5726283532591034
relation	COVER_RICHNESS_JUN	PC_HEIGHT	-0.00697182570555407	0.9181050038373915
relation	COVER_RICHNESS_JUN	GH_COUNT	-0.03677397388479688	0.5874586295238453
relation	COVER_RICHNESS_JUN	ENV_AIRTEMP	0.04246532214229965	0.5309496106506628
relation	COVER_RICHNESS_JUN	COVER_RICHNESS_JUN	1.0	None
relation	COVER_RICHNESS_JUN	COVER_TOTAL_JUN	0.579610884519315	6.4915691912920546e-
relation	COVER_RICHNESS_JUN	COVER_SHANNON_JUN	0.8271303980667779	1.2162084305948395e-
relation	COVER_RICHNESS_JUN	COVER_RICHNESS_JUL	0.4772922583483175	6.358948175371045e-
relation	COVER_RICHNESS_JUN	COVER_TOTAL_JUL	0.14427017405709494	0.0040156488861053
relation	COVER_RICHNESS_JUN	COVER_SHANNON_JUL	0.40704933172646146	3.09389305548935e-1
relation	COVER_RICHNESS_JUN	COVER_RICHNESS_AUG	0.47637279639184194	7.96713977370206e-2
relation	COVER_RICHNESS_JUN	COVER_TOTAL_AUG	-0.09815529349162078	0.0509611800083502
relation	COVER_RICHNESS_JUN	COVER_SHANNON_AUG	0.37096392185100785	2.2970736162914878e-
relation	COVER_RICHNESS_JUN	PASTURE_TOTALAREA	0.0038064545153802783	0.9398102843862829
relation	COVER_RICHNESS_JUN	SUBPASTURE_TOTALAREA	-0.026116014677688322	0.6043552533716529
relation	COVER_RICHNESS_JUN	PASTURE_FORESTAREA	0.005083118456952486	0.9196824971601274
relation	COVER_RICHNESS_JUN	PASTURE_WETLANDAREA	0.060038409181005496	0.2332424093275217
relation	COVER_RICHNESS_JUN	SUBPASTURE_FORESTAREA	-0.08745899485339523	0.1250053020005085
relation	COVER_RICHNESS_JUN	SUBPASTURE_WETLANDAREA	-0.01565460998260536	0.7924466128486382
relation	COVER_TOTAL_JUN	LAT	0.4087227507518729	2.2318762619097523e-
relation	COVER_TOTAL_JUN	LONG	0.4061280804982823	3.7003995073935334e-
relation	COVER_TOTAL_JUN	ENV_SOILNH4	0.060769295791953136	0.2561655025135483
relation	COVER_TOTAL_JUN	ENV_SOILNO3	0.06317762385695298	0.2384400106056539
relation	COVER_TOTAL_JUN	ENV_SOILP	0.10308203977234685	0.0469469138140422
relation	COVER_TOTAL_JUN	ENV_SOILOC	0.4334260530143524	8.656804969760691e-

relation	COVER_TOTAL_JUN	ENV_SOILTN	0.4167778828674071	3.43844895206519e-1
relation	COVER_TOTAL_JUN	ENV_SOILTC	0.41843288349203805	2.506588811020644e-
relation	COVER_TOTAL_JUN	ENV_PH	0.002490801829651381	0.9608437432616012
relation	COVER_TOTAL_JUN	ENV_SOILCLAY	0.35825530033448233	2.968034784772679e-
relation	COVER_TOTAL_JUN	ENV_SOILSILT	0.4009187654797624	1.7175017140844308e-
relation	COVER_TOTAL_JUN	ENV_SOILSAND	-0.39776484764575754	3.09544959776592e-1
relation	COVER_TOTAL_JUN	ENV_SOILMOIS	0.4168306804262891	8.789812276833962e-
relation	COVER_TOTAL_JUN	RC_SHOOTMASS	0.289008096604772	6.992442088842804e-0
relation	COVER_TOTAL_JUN	RC_WOODMASS	0.09197126034622741	0.0707206449130854
relation	COVER_TOTAL_JUN	RC_LITTERMASS	0.2180385216309815	1.9461662317745575e-
relation	COVER_TOTAL_JUN	RC_LITTERWMASS	0.0008802727806499897	0.9864086524307569
relation	COVER_TOTAL_JUN	PC_SHOOTMASS	0.32462521802625444	4.270405728760976e-
relation	COVER_TOTAL_JUN	PC_WOODMASS	0.16277846202760318	0.00120243312422974
relation	COVER_TOTAL_JUN	PC_LITTERMASS	0.14927148862636236	0.00301305844601917
relation	COVER_TOTAL_JUN	PC_LITTERWMASS	0.07017015216480584	0.1650305273917154
relation	COVER_TOTAL_JUN	PC_ROOTMASS	0.09979738521219683	0.1525122568277788
relation	COVER_TOTAL_JUN	PC_HEIGHT	0.3054785846032081	3.912354127930371e-0
relation	COVER_TOTAL_JUN	GH_COUNT	-0.3481808528005946	1.1468774300170919e-
relation	COVER_TOTAL_JUN	ENV_AIRTEMP	0.09089836645514963	0.1791610283786182
relation	COVER_TOTAL_JUN	COVER_RICHNESS_JUN	0.579610884519315	6.4915691912920546e-
relation	COVER_TOTAL_JUN	COVER_TOTAL_JUN	1.0	None
relation	COVER_TOTAL_JUN	COVER_SHANNON_JUN	0.5224264813184624	4.1077178525738715e-
relation	COVER_TOTAL_JUN	COVER_RICHNESS_JUL	0.10876647471656689	0.03046380183612341
relation	COVER_TOTAL_JUN	COVER_TOTAL_JUL	0.32758183785007855	2.3332010081275893e-
relation	COVER_TOTAL_JUN	COVER_SHANNON_JUL	0.11355576508061553	0.02382731712529286
relation	COVER_TOTAL_JUN	COVER_RICHNESS_AUG	-0.016556205386138494	0.7425749575754951
relation	COVER_TOTAL_JUN	COVER_TOTAL_AUG	0.2704387727906902	4.58102453080278e-0
relation	COVER_TOTAL_JUN	COVER_SHANNON_AUG	-0.0019833080012054247	0.9686172374131344
relation	COVER_TOTAL_JUN	PASTURE_TOTALAREA	-0.39010509527906073	7.628608122830577e-1
relation	COVER_TOTAL_JUN	SUBPASTURE_TOTALAREA	-0.3725796372392498	1.738136465742109e-1
relation	COVER_TOTAL_JUN	PASTURE_FORESTAREA	0.3481547405443599	9.993649509929571e-1
relation	COVER_TOTAL_JUN	PASTURE_WETLANDAREA	-0.09849271225780516	0.0501656493646111
relation	COVER_TOTAL_JUN	SUBPASTURE_FORESTAREA	0.13633388062149748	0.01648373322759169
relation	COVER_TOTAL_JUN	SUBPASTURE_WETLANDAREA	-0.02363893397179387	0.6910925566928139
relation	COVER_SHANNON_JUN	LAT	-0.0008413276417072801	0.9866844938546905

relation	COVER_SHANNON_JUN	LONG	0.0002635708089005239	0.9958283492379691
relation	COVER_SHANNON_JUN	ENV_SOILNH4	-0.06611075868601733	0.2166375758318378
relation	COVER_SHANNON_JUN	ENV_SOILNO3	-0.0663681235373277	0.2155091758879336
relation	COVER_SHANNON_JUN	ENV_SOILP	-0.019202351950335473	0.712016541419405
relation	COVER_SHANNON_JUN	ENV_SOILOC	-0.034779323819420636	0.4996446895613392
relation	COVER_SHANNON_JUN	ENV_SOILTN	-0.03294691060018261	0.5247393364232984
relation	COVER_SHANNON_JUN	ENV_SOILTC	-0.033030795901084126	0.5236838099238078
relation	COVER_SHANNON_JUN	ENV_PH	0.0256567672676307	0.6130049843591482
relation	COVER_SHANNON_JUN	ENV_SOILCLAY	-0.01648046367250976	0.7456046200300955
relation	COVER_SHANNON_JUN	ENV_SOILSILT	-0.0026686140555878526	0.9581049291833246
relation	COVER_SHANNON_JUN	ENV_SOILSAND	0.009439649175922412	0.8525828632346727
relation	COVER_SHANNON_JUN	ENV_SOILMOIS	-0.050092584632403174	0.3244180510490689
relation	COVER_SHANNON_JUN	RC_SHOOTMASS	-0.10242699823298262	0.0440350161352364
relation	COVER_SHANNON_JUN	RC_WOODMASS	0.0256120995837778	0.6154551944746985
relation	COVER_SHANNON_JUN	RC_LITTERMASS	-0.15491034170009876	0.0025608830659461
relation	COVER_SHANNON_JUN	RC_LITTERWMASS	-0.033173905678184054	0.5207702350816557
relation	COVER_SHANNON_JUN	PC_SHOOTMASS	-0.12894718105433087	0.0105026097531544
relation	COVER_SHANNON_JUN	PC_WOODMASS	0.11170384919045476	0.0268065651605776
relation	COVER_SHANNON_JUN	PC_LITTERMASS	-0.22335716487808516	7.808081161920723e-
relation	COVER_SHANNON_JUN	PC_LITTERWMASS	0.03188954016096813	0.52847731274877
relation	COVER_SHANNON_JUN	PC_ROOTMASS	-0.1981139495509342	0.0042161362328158
relation	COVER_SHANNON_JUN	PC_HEIGHT	-0.06613086103779735	0.3288857879425074
relation	COVER_SHANNON_JUN	GH_COUNT	-0.020206043871447466	0.7656824316260852
relation	COVER_SHANNON_JUN	ENV_AIRTEMP	0.015621725737284698	0.8177796225249793
relation	COVER_SHANNON_JUN	COVER_RICHNESS_JUN	0.8271303980667779	1.2162084305948395e-
relation	COVER_SHANNON_JUN	COVER_TOTAL_JUN	0.5224264813184624	4.1077178525738715e-
relation	COVER_SHANNON_JUN	COVER_SHANNON_JUN	1.0	None
relation	COVER_SHANNON_JUN	COVER_RICHNESS_JUL	0.4016223418499664	8.811063450159857e-
relation	COVER_SHANNON_JUN	COVER_TOTAL_JUL	0.09572751075687616	0.0570008188905222
relation	COVER_SHANNON_JUN	COVER_SHANNON_JUL	0.46396467494159327	1.5636901617843686e-
relation	COVER_SHANNON_JUN	COVER_RICHNESS_AUG	0.43800592588440423	5.419234974060479e-
relation	COVER_SHANNON_JUN	COVER_TOTAL_AUG	-0.13162545678625945	0.0087299444539124
relation	COVER_SHANNON_JUN	COVER_SHANNON_AUG	0.47252437790474383	2.0320743449446683e-
relation	COVER_SHANNON_JUN	PASTURE_TOTALAREA	0.018154292157243367	0.7187323336035907
relation	COVER_SHANNON_JUN	SUBPASTURE_TOTALAREA	-0.0025331276332848577	0.9599236980573234

relation	COVER_SHANNON_JUN	PASTURE_FORESTAREA	0.029195092795863974	0.5624124380414642
relation	COVER_SHANNON_JUN	PASTURE_WETLANDAREA	0.07923743067346672	0.115418901332145
relation	COVER_SHANNON_JUN	SUBPASTURE_FORESTAREA	-0.1047246807758115	0.0659903215735500
relation	COVER_SHANNON_JUN	SUBPASTURE_WETLANDAREA	-0.017711690548440875	0.765919155659444
relation	COVER_RICHNESS_JUL	LAT	-0.03532287373247529	0.4833572862601114
relation	COVER_RICHNESS_JUL	LONG	-0.03369997866822176	0.5036925293175011
relation	COVER_RICHNESS_JUL	ENV_SOILNH4	-0.08725665154146847	0.1026719771875288
relation	COVER_RICHNESS_JUL	ENV_SOILNO3	-0.11142576429178237	0.0371947016050619
relation	COVER_RICHNESS_JUL	ENV_SOILP	-0.07476543168016943	0.1500980114144819
relation	COVER_RICHNESS_JUL	ENV_SOILOC	-0.040529531915476966	0.4314324416926071
relation	COVER_RICHNESS_JUL	ENV_SOILTN	-0.04428366302170286	0.3924924060259028
relation	COVER_RICHNESS_JUL	ENV_SOILTC	-0.03611877291193978	0.4855965767804186
relation	COVER_RICHNESS_JUL	ENV_PH	-0.05128801186413214	0.3117419265104414
relation	COVER_RICHNESS_JUL	ENV_SOILCLAY	-0.06958953052403333	0.1702082277028343
relation	COVER_RICHNESS_JUL	ENV_SOILSILT	-0.025427478059686565	0.6166374809596644
relation	COVER_RICHNESS_JUL	ENV_SOILSAND	0.04780895220532275	0.3463671917811168
relation	COVER_RICHNESS_JUL	ENV_SOILMOIS	-0.0518123062374771	0.3080631400348422
relation	COVER_RICHNESS_JUL	RC_SHOOTMASS	-0.048890576631191014	0.3374310989061810
relation	COVER_RICHNESS_JUL	RC_WOODMASS	0.018041468303035015	0.7234901415664546
relation	COVER_RICHNESS_JUL	RC_LITTERMASS	-0.026183550909997744	0.6123012852621382
relation	COVER_RICHNESS_JUL	RC_LITTERWMASS	0.02940622752539512	0.5692253408911963
relation	COVER_RICHNESS_JUL	PC_SHOOTMASS	-0.09522991325677684	0.0592768296988512
relation	COVER_RICHNESS_JUL	PC_WOODMASS	0.0419224651715522	0.4072189217519710
relation	COVER_RICHNESS_JUL	PC_LITTERMASS	-0.06207892108237129	0.2194727894187189
relation	COVER_RICHNESS_JUL	PC_LITTERWMASS	0.016647594505260304	0.7421577560163621
relation	COVER_RICHNESS_JUL	PC_ROOTMASS	0.0718108358184797	0.303832359793848
relation	COVER_RICHNESS_JUL	PC_HEIGHT	-0.07471557436214067	0.2698357246683999
relation	COVER_RICHNESS_JUL	GH_COUNT	-0.05511780422049318	0.4159368745139954
relation	COVER_RICHNESS_JUL	ENV_AIRTEMP	0.02163258403396514	0.7496714990071824
relation	COVER_RICHNESS_JUL	COVER_RICHNESS_JUN	0.4772922583483175	6.358948175371045e-
relation	COVER_RICHNESS_JUL	COVER_TOTAL_JUN	0.10876647471656689	0.0304638018361234
relation	COVER_RICHNESS_JUL	COVER_SHANNON_JUN	0.4016223418499664	8.811063450159857e-
relation	COVER_RICHNESS_JUL	COVER_RICHNESS_JUL	1.0	None
relation	COVER_RICHNESS_JUL	COVER_TOTAL_JUL	0.6841445473769516	5.800641967363982e-
relation	COVER_RICHNESS_JUL	COVER_SHANNON_JUL	0.8524010294920114	5.321990293291789e-1

relation	COVER_RICHNESS_JUL	COVER_RICHNESS_AUG	0.4786151426306496	4.5918313713021956e-
relation	COVER_RICHNESS_JUL	COVER_TOTAL_AUG	-0.02543892348094136	0.6137628147418976
relation	COVER_RICHNESS_JUL	COVER_SHANNON_AUG	0.3707944823444105	2.365018205773477e-
relation	COVER_RICHNESS_JUL	PASTURE_TOTALAREA	0.0498940431539364	0.3219995556139827
relation	COVER_RICHNESS_JUL	SUBPASTURE_TOTALAREA	0.05656645369161404	0.2614378376028189
relation	COVER_RICHNESS_JUL	PASTURE_FORESTAREA	-0.0226940950743286	0.6525394304104148
relation	COVER_RICHNESS_JUL	PASTURE_WETLANDAREA	0.05206384180702141	0.3013777909112886
relation	COVER_RICHNESS_JUL	SUBPASTURE_FORESTAREA	0.026892373080864118	0.637716382897917
relation	COVER_RICHNESS_JUL	SUBPASTURE_WETLANDAREA	0.0022272361090919517	0.9701382675264965
relation	COVER_TOTAL_JUL	LAT	0.2520542252535533	3.7299656921172744e-
relation	COVER_TOTAL_JUL	LONG	0.24927681758234665	5.050137264282005e-
relation	COVER_TOTAL_JUL	ENV_SOILNH4	0.022141518194531227	0.6793192993253404
relation	COVER_TOTAL_JUL	ENV_SOILNO3	-0.007135261470811706	0.8941833507524871
relation	COVER_TOTAL_JUL	ENV_SOILP	0.06264948777720442	0.2280267534633730
relation	COVER_TOTAL_JUL	ENV_SOILOC	0.280154546258383	2.898012276921114e-
relation	COVER_TOTAL_JUL	ENV_SOILTN	0.2978196931598996	4.053322243307631e-
relation	COVER_TOTAL_JUL	ENV_SOILTC	0.30499325354652546	1.632138495751129e-
relation	COVER_TOTAL_JUL	ENV_PH	-0.04250145733160623	0.4019745570121888
relation	COVER_TOTAL_JUL	ENV_SOILCLAY	0.19113069300410482	0.00014617524298912
relation	COVER_TOTAL_JUL	ENV_SOILSILT	0.28504142491956513	1.0022069179588274e-
relation	COVER_TOTAL_JUL	ENV_SOILSAND	-0.25216799353698843	4.518532318005739e-
relation	COVER_TOTAL_JUL	ENV_SOILMOIS	0.29009920075491546	5.574098766665092e-
relation	COVER_TOTAL_JUL	RC_SHOOTMASS	0.25560435127625875	3.4511912220807174e-
relation	COVER_TOTAL_JUL	RC_WOODMASS	-0.008520167019286137	0.867313192465784
relation	COVER_TOTAL_JUL	RC_LITTERMASS	0.20515710773322937	5.9959939910157246e-
relation	COVER_TOTAL_JUL	RC_LITTERWMASS	0.0817646644537403	0.1129741673695523
relation	COVER_TOTAL_JUL	PC_SHOOTMASS	0.3040418772368303	7.531611937648147e-
relation	COVER_TOTAL_JUL	PC_WOODMASS	0.03372769725616756	0.5049730699444513
relation	COVER_TOTAL_JUL	PC_LITTERMASS	0.18144489136869063	0.00029964937588418
relation	COVER_TOTAL_JUL	PC_LITTERWMASS	0.02323654789500638	0.646060883276612
relation	COVER_TOTAL_JUL	PC_ROOTMASS	0.2323859984177406	0.00075317491710645
relation	COVER_TOTAL_JUL	PC_HEIGHT	0.2382140202619009	0.00036439896536315
relation	COVER_TOTAL_JUL	GH_COUNT	-0.32120480972075705	1.134918812143545e-
relation	COVER_TOTAL_JUL	ENV_AIRTEMP	0.017394565872921527	0.797524057794601
relation	COVER_TOTAL_JUL	COVER_RICHNESS_JUN	0.14427017405709494	0.0040156488861053

relation	COVER_TOTAL_JUL	COVER_TOTAL_JUN	0.32758183785007855	2.3332010081275893e-
relation	COVER_TOTAL_JUL	COVER_SHANNON_JUN	0.09572751075687616	0.0570008188905222
relation	COVER_TOTAL_JUL	COVER_RICHNESS_JUL	0.6841445473769516	5.800641967363982e-5
relation	COVER_TOTAL_JUL	COVER_TOTAL_JUL	1.0	None
relation	COVER_TOTAL_JUL	COVER_SHANNON_JUL	0.6748004351984508	6.133439401845022e-5
relation	COVER_TOTAL_JUL	COVER_RICHNESS_AUG	0.007195768383435272	0.886493019653515
relation	COVER_TOTAL_JUL	COVER_TOTAL_AUG	0.26708155988454046	6.799404920932638e-0
relation	COVER_TOTAL_JUL	COVER_SHANNON_AUG	0.0025629027212211984	0.9594530318618707
relation	COVER_TOTAL_JUL	PASTURE_TOTALAREA	-0.24638433061064627	6.897736017546698e-0
relation	COVER_TOTAL_JUL	SUBPASTURE_TOTALAREA	-0.19515057023814517	9.274930269924564e-0
relation	COVER_TOTAL_JUL	PASTURE_FORESTAREA	0.2045253539671277	4.121445599935613e-0
relation	COVER_TOTAL_JUL	PASTURE_WETLANDAREA	-0.09352580123345929	0.0629798387880699
relation	COVER_TOTAL_JUL	SUBPASTURE_FORESTAREA	0.2198696315413401	9.735746929204648e-0
relation	COVER_TOTAL_JUL	SUBPASTURE_WETLANDAREA	0.0035738420266383853	0.9521011311137176
relation	COVER_SHANNON_JUL	LAT	-0.029160750471584403	0.5628724222783176
relation	COVER_SHANNON_JUL	LONG	-0.030382782043831165	0.5466166982105708
relation	COVER_SHANNON_JUL	ENV_SOILNH4	-0.07182485626494953	0.1794103541395669
relation	COVER_SHANNON_JUL	ENV_SOILNO3	-0.09352879868530674	0.0805790495891579
relation	COVER_SHANNON_JUL	ENV_SOILP	-0.04367426613331638	0.4009506154337909
relation	COVER_SHANNON_JUL	ENV_SOILOC	-0.02811952484701282	0.5852526455315595
relation	COVER_SHANNON_JUL	ENV_SOILTN	-0.018593535001672722	0.7196764582922788
relation	COVER_SHANNON_JUL	ENV_SOILTC	-0.013605313028526052	0.7928601798078676
relation	COVER_SHANNON_JUL	ENV_PH	-0.04742057515841367	0.3496825283456452
relation	COVER_SHANNON_JUL	ENV_SOILCLAY	-0.057436647266125004	0.2578125826882095
relation	COVER_SHANNON_JUL	ENV_SOILSILT	-0.019509968423478883	0.7009111246756933
relation	COVER_SHANNON_JUL	ENV_SOILSAND	0.03863727914259145	0.4467406551082677
relation	COVER_SHANNON_JUL	ENV_SOILMOIS	-0.041830342660531566	0.4106624362602055
relation	COVER_SHANNON_JUL	RC_SHOOTMASS	-0.042658952482188164	0.4026674686168803
relation	COVER_SHANNON_JUL	RC_WOODMASS	-0.009558243674701152	0.8513244263371167
relation	COVER_SHANNON_JUL	RC_LITTERMASS	-0.05462588614153808	0.2900961031764359
relation	COVER_SHANNON_JUL	RC_LITTERWMASS	0.016179218761002263	0.75418879702665
relation	COVER_SHANNON_JUL	PC_SHOOTMASS	-0.02898989245801219	0.5666500739353889
relation	COVER_SHANNON_JUL	PC_WOODMASS	0.05827486867658689	0.2490934587897204
relation	COVER_SHANNON_JUL	PC_LITTERMASS	-0.09313284027846104	0.0651225218679056
relation	COVER_SHANNON_JUL	PC_LITTERWMASS	0.04159980625213952	0.4108417693277433

relation	COVER_SHANNON_JUL	PC_ROOTMASS	-0.05726250520447905	0.4124739357775863
relation	COVER_SHANNON_JUL	PC_HEIGHT	-0.04339976277594029	0.5219403967593671
relation	COVER_SHANNON_JUL	GH_COUNT	-0.044569199602983334	0.5107765391889854
relation	COVER_SHANNON_JUL	ENV_AIRTEMP	-0.005072855967164848	0.9403623386244826
relation	COVER_SHANNON_JUL	COVER_RICHNESS_JUN	0.40704933172646146	3.09389305548935e-1
relation	COVER_SHANNON_JUL	COVER_TOTAL_JUN	0.11355576508061553	0.02382731712529286
relation	COVER_SHANNON_JUL	COVER_SHANNON_JUN	0.46396467494159327	1.5636901617843686e-
relation	COVER_SHANNON_JUL	COVER_RICHNESS_JUL	0.8524010294920114	5.321990293291789e-1
relation	COVER_SHANNON_JUL	COVER_TOTAL_JUL	0.6748004351984508	6.133439401845022e-5
relation	COVER_SHANNON_JUL	COVER_SHANNON_JUL	1.0	None
relation	COVER_SHANNON_JUL	COVER_RICHNESS_AUG	0.38534012048636856	1.818346382689191e-1
relation	COVER_SHANNON_JUL	COVER_TOTAL_AUG	-0.016526261805410777	0.7430241400334359
relation	COVER_SHANNON_JUL	COVER_SHANNON_AUG	0.4559117932427444	1.012543545092554e-2
relation	COVER_SHANNON_JUL	PASTURE_TOTALAREA	0.04790502601590673	0.3416904538456191
relation	COVER_SHANNON_JUL	SUBPASTURE_TOTALAREA	0.06795552466084383	0.1771496044556485
relation	COVER_SHANNON_JUL	PASTURE_FORESTAREA	-0.003637163803654288	0.9424824688287252
relation	COVER_SHANNON_JUL	PASTURE_WETLANDAREA	0.019243914629383012	0.7026291102405525
relation	COVER_SHANNON_JUL	SUBPASTURE_FORESTAREA	0.025430841775689644	0.6561075430674168
relation	COVER_SHANNON_JUL	SUBPASTURE_WETLANDAREA	-0.023809177140376774	0.68898311994452
relation	COVER_RICHNESS_AUG	LAT	0.03260750484108213	0.5176306448396728
relation	COVER_RICHNESS_AUG	LONG	0.03841284913090354	0.4458982736526705
relation	COVER_RICHNESS_AUG	ENV_SOILNH4	-0.08851689490283056	0.097782717221224
relation	COVER_RICHNESS_AUG	ENV_SOILNO3	-0.10384485680953895	0.0522509623458102(
relation	COVER_RICHNESS_AUG	ENV_SOILP	-0.10686757441911945	0.0393838690892598
relation	COVER_RICHNESS_AUG	ENV_SOILOC	-0.02648902663896482	0.6072008633511484
relation	COVER_RICHNESS_AUG	ENV_SOILTN	-0.02296862845985845	0.6575059595174572
relation	COVER_RICHNESS_AUG	ENV_SOILTC	-0.019638553285271705	0.7046389293318217
relation	COVER_RICHNESS_AUG	ENV_PH	-0.09057658299506541	0.0736179427055855
relation	COVER_RICHNESS_AUG	ENV_SOILCLAY	-0.01851048203662836	0.7155514361440906
relation	COVER_RICHNESS_AUG	ENV_SOILSILT	-0.0011160564919546578	0.98247219739066
relation	COVER_RICHNESS_AUG	ENV_SOILSAND	0.009546966630138955	0.8509263609343052
relation	COVER_RICHNESS_AUG	ENV_SOILMOIS	-0.0759277717041711	0.1349486129624269
relation	COVER_RICHNESS_AUG	RC_SHOOTMASS	-0.06369799142792153	0.2111886799996079
relation	COVER_RICHNESS_AUG	RC_WOODMASS	0.14677516818545874	0.00380665354102301
relation	COVER_RICHNESS_AUG	RC_LITTERMASS	-0.10060671385544592	0.0509504178109487

relation	COVER_RICHNESS_AUG	RC_LITTERWMASS	0.02944779698139682	0.5686792413987906
relation	COVER_RICHNESS_AUG	PC_SHOOTMASS	-0.1787972375172053	0.00036808166889020
relation	COVER_RICHNESS_AUG	PC_WOODMASS	0.1615503759896173	0.0013110788138593
relation	COVER_RICHNESS_AUG	PC_LITTERMASS	-0.11237277195385986	0.0259026909923355
relation	COVER_RICHNESS_AUG	PC_LITTERWMASS	0.05755805146398864	0.254973007329876
relation	COVER_RICHNESS_AUG	PC_ROOTMASS	0.039148452672365504	0.575443856482853
relation	COVER_RICHNESS_AUG	PC_HEIGHT	-0.02033952329566282	0.764179968682914
relation	COVER_RICHNESS_AUG	GH_COUNT	-0.1297525699093097	0.054642314662063
relation	COVER_RICHNESS_AUG	ENV_AIRTEMP	0.054804239809551375	0.4185982092159450
relation	COVER_RICHNESS_AUG	COVER_RICHNESS_JUN	0.47637279639184194	7.96713977370206e-2
relation	COVER_RICHNESS_AUG	COVER_TOTAL_JUN	-0.016556205386138494	0.742574957575495
relation	COVER_RICHNESS_AUG	COVER_SHANNON_JUN	0.43800592588440423	5.419234974060479e-
relation	COVER_RICHNESS_AUG	COVER_RICHNESS_JUL	0.4786151426306496	4.5918313713021956e-
relation	COVER_RICHNESS_AUG	COVER_TOTAL_JUL	0.007195768383435272	0.886493019653515
relation	COVER_RICHNESS_AUG	COVER_SHANNON_JUL	0.38534012048636856	1.818346382689191e-
relation	COVER_RICHNESS_AUG	COVER_RICHNESS_AUG	1.0	None
relation	COVER_RICHNESS_AUG	COVER_TOTAL_AUG	0.12783990192530797	0.0108841576274562
relation	COVER_RICHNESS_AUG	COVER_SHANNON_AUG	0.7112345543432635	2.755670699818815e-
relation	COVER_RICHNESS_AUG	PASTURE_TOTALAREA	-0.0013202118935412971	0.979106711858844
relation	COVER_RICHNESS_AUG	SUBPASTURE_TOTALAREA	-0.02530719118532571	0.615600564780858
relation	COVER_RICHNESS_AUG	PASTURE_FORESTAREA	0.03353969532008578	0.505725045321191
relation	COVER_RICHNESS_AUG	PASTURE_WETLANDAREA	0.24428186313558614	8.631320393273742e-
relation	COVER_RICHNESS_AUG	SUBPASTURE_FORESTAREA	-0.056584078933050244	0.321480215920264
relation	COVER_RICHNESS_AUG	SUBPASTURE_WETLANDAREA	0.2203598478446707	0.00017686860049493
relation	COVER_TOTAL_AUG	LAT	0.3292342980131516	1.82715262279143e-1
relation	COVER_TOTAL_AUG	LONG	0.32502779216969774	3.394710669883529e-
relation	COVER_TOTAL_AUG	ENV_SOILNH4	0.04675452352012303	0.382500234061770
relation	COVER_TOTAL_AUG	ENV_SOILNO3	0.08815550195294501	0.0996514756242861
relation	COVER_TOTAL_AUG	ENV_SOILP	0.16037727392025927	0.00191606104423076
relation	COVER_TOTAL_AUG	ENV_SOILOC	0.40255570369224997	3.3839554110741743e-
relation	COVER_TOTAL_AUG	ENV_SOILTN	0.38326964223154464	1.4378399239494326e-
relation	COVER_TOTAL_AUG	ENV_SOILTC	0.3908734535220963	3.878388765805876e-
relation	COVER_TOTAL_AUG	ENV_PH	-0.004879969876370878	0.9233722244597993
relation	COVER_TOTAL_AUG	ENV_SOILCLAY	0.2798219914264565	1.898738772236986e-
relation	COVER_TOTAL_AUG	ENV_SOILSILT	0.35058543015056626	1.0124876598744632e-

relation	COVER_TOTAL_AUG	ENV_SOILSAND	-0.33171053554691	1.805279715342093e-
relation	COVER_TOTAL_AUG	ENV_SOILMOIS	0.4753279384490957	2.5428451193771837e-
relation	COVER_TOTAL_AUG	RC_SHOOTMASS	0.34123659832541803	5.223324603991839e-
relation	COVER_TOTAL_AUG	RC_WOODMASS	0.06987324039971078	0.1701259789191487
relation	COVER_TOTAL_AUG	RC_LITTERMASS	0.30312961675635286	1.876989550866926e-
relation	COVER_TOTAL_AUG	RC_LITTERWMASS	0.006587638753038501	0.8985561949673617
relation	COVER_TOTAL_AUG	PC_SHOOTMASS	0.38028895793274287	5.705389590219823e-
relation	COVER_TOTAL_AUG	PC_WOODMASS	0.033773210402977615	0.5043981422105768
relation	COVER_TOTAL_AUG	PC_LITTERMASS	0.3158464749428252	1.4920485054560637e-
relation	COVER_TOTAL_AUG	PC_LITTERWMASS	-0.008664729565448608	0.8640447772860628
relation	COVER_TOTAL_AUG	PC_ROOTMASS	0.25514893902493413	0.000206993884661967
relation	COVER_TOTAL_AUG	PC_HEIGHT	0.3837349285651141	3.952245702566371e-
relation	COVER_TOTAL_AUG	GH_COUNT	-0.38957710996497985	2.183610528416555e-
relation	COVER_TOTAL_AUG	ENV_AIRTEMP	0.030283086084741714	0.6550812621388696
relation	COVER_TOTAL_AUG	COVER_RICHNESS_JUN	-0.09815529349162078	0.0509611800083502
relation	COVER_TOTAL_AUG	COVER_TOTAL_JUN	0.2704387727906902	4.58102453080278e-0
relation	COVER_TOTAL_AUG	COVER_SHANNON_JUN	-0.13162545678625945	0.0087299444539124
relation	COVER_TOTAL_AUG	COVER_RICHNESS_JUL	-0.02543892348094136	0.6137628147418976
relation	COVER_TOTAL_AUG	COVER_TOTAL_JUL	0.26708155988454046	6.799404920932638e-
relation	COVER_TOTAL_AUG	COVER_SHANNON_JUL	-0.016526261805410777	0.7430241400334359
relation	COVER_TOTAL_AUG	COVER_RICHNESS_AUG	0.12783990192530797	0.0108841576274562
relation	COVER_TOTAL_AUG	COVER_TOTAL_AUG	1.0	None
relation	COVER_TOTAL_AUG	COVER_SHANNON_AUG	0.18389931663097464	0.00023377472530974
relation	COVER_TOTAL_AUG	PASTURE_TOTALAREA	-0.29074151183215624	3.741801288506586e-
relation	COVER_TOTAL_AUG	SUBPASTURE_TOTALAREA	-0.24662560363303662	6.721653665724799e-
relation	COVER_TOTAL_AUG	PASTURE_FORESTAREA	0.3565882036129614	2.5651977263995826e-
relation	COVER_TOTAL_AUG	PASTURE_WETLANDAREA	-0.08892061670103417	0.0771601313739507
relation	COVER_TOTAL_AUG	SUBPASTURE_FORESTAREA	0.2020259954658057	0.0003518110761514
relation	COVER_TOTAL_AUG	SUBPASTURE_WETLANDAREA	0.19832642041542384	0.00076010851176469
relation	COVER_SHANNON_AUG	LAT	0.039914210002477725	0.4283096082157622
relation	COVER_SHANNON_AUG	LONG	0.04192945883178873	0.4053445641486206
relation	COVER_SHANNON_AUG	ENV_SOILNH4	-0.10371681604842158	0.0522047608701836
relation	COVER_SHANNON_AUG	ENV_SOILNO3	-0.08484604952409676	0.1130790192837674
relation	COVER_SHANNON_AUG	ENV_SOILP	-0.04200108183605624	0.4192530958791639
relation	COVER_SHANNON_AUG	ENV_SOILOC	-0.0009289365106754595	0.9856191235990287

relation	COVER_SHANNON_AUG	ENV_SOILTN	-0.009502283136381568	0.8544835875442081
relation	COVER_SHANNON_AUG	ENV_SOILTC	-0.008765014733021	0.865662626354096
relation	COVER_SHANNON_AUG	ENV_PH	-0.05096538297395882	0.3147995673447887
relation	COVER_SHANNON_AUG	ENV_SOILCLAY	0.03478337872736062	0.4933949942362249
relation	COVER_SHANNON_AUG	ENV_SOILSILT	0.029998756765277027	0.5547487139499053
relation	COVER_SHANNON_AUG	ENV_SOILSAND	-0.033597909836310995	0.5082515897311715
relation	COVER_SHANNON_AUG	ENV_SOILMOIS	-0.0017124722344755972	0.9731430423253388
relation	COVER_SHANNON_AUG	RC_SHOOTMASS	-0.09417061474671617	0.0642161807257589
relation	COVER_SHANNON_AUG	RC_WOODMASS	0.09483662916406668	0.0623464443148556
relation	COVER_SHANNON_AUG	RC_LITTERMASS	-0.11479546660506043	0.0258208048983916
relation	COVER_SHANNON_AUG	RC_LITTERWMASS	0.00604769639710598	0.906831400247378
relation	COVER_SHANNON_AUG	PC_SHOOTMASS	-0.16232112838686977	0.00124188536122513
relation	COVER_SHANNON_AUG	PC_WOODMASS	0.08761690675459846	0.0827864661372192
relation	COVER_SHANNON_AUG	PC_LITTERMASS	-0.16606955096519285	0.00095081550222570
relation	COVER_SHANNON_AUG	PC_LITTERWMASS	0.04282372736553252	0.3972005020710750
relation	COVER_SHANNON_AUG	PC_ROOTMASS	-0.04883143950124643	0.4847241003410541
relation	COVER_SHANNON_AUG	PC_HEIGHT	-0.044245985446403804	0.513849614279329
relation	COVER_SHANNON_AUG	GH_COUNT	-0.12501273788836514	0.0641777267165844
relation	COVER_SHANNON_AUG	ENV_AIRTEMP	0.014575338051234687	0.8297930004190722
relation	COVER_SHANNON_AUG	COVER_RICHNESS_JUN	0.37096392185100785	2.2970736162914878e-
relation	COVER_SHANNON_AUG	COVER_TOTAL_JUN	-0.0019833080012054247	0.9686172374131344
relation	COVER_SHANNON_AUG	COVER_SHANNON_JUN	0.47252437790474383	2.0320743449446683e-
relation	COVER_SHANNON_AUG	COVER_RICHNESS_JUL	0.3707944823444105	2.365018205773477e-1
relation	COVER_SHANNON_AUG	COVER_TOTAL_JUL	0.0025629027212211984	0.9594530318618707
relation	COVER_SHANNON_AUG	COVER_SHANNON_JUL	0.4559117932427444	1.012543545092554e-2
relation	COVER_SHANNON_AUG	COVER_RICHNESS_AUG	0.7112345543432635	2.755670699818815e-0
relation	COVER_SHANNON_AUG	COVER_TOTAL_AUG	0.18389931663097464	0.00023377472530974
relation	COVER_SHANNON_AUG	COVER_SHANNON_AUG	1.0	None
relation	COVER_SHANNON_AUG	PASTURE_TOTALAREA	0.01577813257349721	0.7542747239725285
relation	COVER_SHANNON_AUG	SUBPASTURE_TOTALAREA	-0.0010834047303888842	0.9828537153495143
relation	COVER_SHANNON_AUG	PASTURE_FORESTAREA	0.15137142279059843	0.0025264766819058
relation	COVER_SHANNON_AUG	PASTURE_WETLANDAREA	0.17111269468317733	0.00062715791359174
relation	COVER_SHANNON_AUG	SUBPASTURE_FORESTAREA	-0.058501478473234954	0.3053289750385254
relation	COVER_SHANNON_AUG	SUBPASTURE_WETLANDAREA	0.1297073008487968	0.0285718090122166
relation	PASTURE_TOTALAREA	LAT	-0.9624679754864537	2.8823265295431755e-2

relation	PASTURE_TOTALAREA	LONG	-0.9621925638911005	1.1840784716699209e-
relation	PASTURE_TOTALAREA	ENV_SOILNH4	-0.07873970501663992	0.1409635447734395
relation	PASTURE_TOTALAREA	ENV_SOILNO3	-0.06767514281945801	0.2065873091978232
relation	PASTURE_TOTALAREA	ENV_SOILP	-0.17309347806160594	0.00080052972259703
relation	PASTURE_TOTALAREA	ENV_SOILOC	-0.8405680621445015	2.0764063251269645e-
relation	PASTURE_TOTALAREA	ENV_SOILTN	-0.8316229329045406	2.6064481606797047e-
relation	PASTURE_TOTALAREA	ENV_SOILTC	-0.8323223814366393	1.2866141791604783e-
relation	PASTURE_TOTALAREA	ENV_PH	0.06417037644796045	0.2054666137042803
relation	PASTURE_TOTALAREA	ENV_SOILCLAY	-0.8785006930716537	1.548440920436272e-1
relation	PASTURE_TOTALAREA	ENV_SOILSILT	-0.9054936186881839	1.6256592375676234e-
relation	PASTURE_TOTALAREA	ENV_SOILSAND	0.9318149208151268	7.092344285653661e-1
relation	PASTURE_TOTALAREA	ENV_SOILMOIS	-0.7970489056328114	8.77517547107395e-8
relation	PASTURE_TOTALAREA	RC_SHOOTMASS	-0.4468046136323754	2.174928087628917e-
relation	PASTURE_TOTALAREA	RC_WOODMASS	-0.15475298544316718	0.00226631458459591
relation	PASTURE_TOTALAREA	RC_LITTERMASS	-0.07020399044309507	0.1737453696530376
relation	PASTURE_TOTALAREA	RC_LITTERWMASS	0.04344684614459617	0.4002464782265421
relation	PASTURE_TOTALAREA	PC_SHOOTMASS	-0.39754025986161146	2.4839782470474026e-
relation	PASTURE_TOTALAREA	PC_WOODMASS	-0.23543261988876943	2.3712647885959527e-
relation	PASTURE_TOTALAREA	PC_LITTERMASS	-0.00888174560722709	0.8606739199450097
relation	PASTURE_TOTALAREA	PC_LITTERWMASS	0.03154086454241855	0.5329975817992983
relation	PASTURE_TOTALAREA	PC_ROOTMASS	-0.03806819209339685	0.5860377787573317
relation	PASTURE_TOTALAREA	PC_HEIGHT	-0.49061716541597666	1.0004306326841952e-
relation	PASTURE_TOTALAREA	GH_COUNT	0.7459882276721426	2.3415013304272545e-
relation	PASTURE_TOTALAREA	ENV_AIRTEMP	0.0984128516312519	0.1456922218223313
relation	PASTURE_TOTALAREA	COVER_RICHNESS_JUN	0.0038064545153802783	0.9398102843862829
relation	PASTURE_TOTALAREA	COVER_TOTAL_JUN	-0.39010509527906073	7.628608122830577e-1
relation	PASTURE_TOTALAREA	COVER_SHANNON_JUN	0.018154292157243367	0.7187323336035907
relation	PASTURE_TOTALAREA	COVER_RICHNESS_JUL	0.0498940431539364	0.3219995556139827
relation	PASTURE_TOTALAREA	COVER_TOTAL_JUL	-0.24638433061064627	6.897736017546698e-0
relation	PASTURE_TOTALAREA	COVER_SHANNON_JUL	0.04790502601590673	0.3416904538456191
relation	PASTURE_TOTALAREA	COVER_RICHNESS_AUG	-0.0013202118935412971	0.9791067118588442
relation	PASTURE_TOTALAREA	COVER_TOTAL_AUG	-0.29074151183215624	3.741801288506586e-0
relation	PASTURE_TOTALAREA	COVER_SHANNON_AUG	0.01577813257349721	0.7542747239725285
relation	PASTURE_TOTALAREA	PASTURE_TOTALAREA	1.0	None
relation	PASTURE_TOTALAREA	SUBPASTURE_TOTALAREA	0.9431331715403263	1.4840112912482213e-1

relation	PASTURE_TOTALAREA	PASTURE_FORESTAREA	-0.7266599956114066	3.176033540337534e-
relation	PASTURE_TOTALAREA	PASTURE_WETLANDAREA	0.3224290360824358	4.95387205707346e-1
relation	PASTURE_TOTALAREA	SUBPASTURE_FORESTAREA	-0.43480609604711046	1.106515216159125e-
relation	PASTURE_TOTALAREA	SUBPASTURE_WETLANDAREA	0.014859615995925725	0.802764837654204
relation	SUBPASTURE_TOTALAREA	LAT	-0.9009295707677581	6.401112831168774e-1
relation	SUBPASTURE_TOTALAREA	LONG	-0.9015312487556365	2.0504870850339016e-
relation	SUBPASTURE_TOTALAREA	ENV_SOILNH4	-0.0673361251165767	0.208221611453128
relation	SUBPASTURE_TOTALAREA	ENV_SOILNO3	-0.05925261434761994	0.2689339131176338
relation	SUBPASTURE_TOTALAREA	ENV_SOILP	-0.16508992419882737	0.00139648776763414
relation	SUBPASTURE_TOTALAREA	ENV_SOILOC	-0.7922362049026365	6.932244220796787e-
relation	SUBPASTURE_TOTALAREA	ENV_SOILTN	-0.7807161174522544	3.5993493451046504e-
relation	SUBPASTURE_TOTALAREA	ENV_SOILTC	-0.7790808849150708	1.2147072503749423e-
relation	SUBPASTURE_TOTALAREA	ENV_PH	0.08026984433942164	0.1130323080908131
relation	SUBPASTURE_TOTALAREA	ENV_SOILCLAY	-0.816675391206751	1.1462306898175969e-
relation	SUBPASTURE_TOTALAREA	ENV_SOILSILT	-0.8456082027252925	8.013035291018379e-1
relation	SUBPASTURE_TOTALAREA	ENV_SOILSAND	0.8683918080278779	2.9773952341438934e-
relation	SUBPASTURE_TOTALAREA	ENV_SOILMOIS	-0.743698607440391	1.1312050844594571e-
relation	SUBPASTURE_TOTALAREA	RC_SHOOTMASS	-0.4059308697017198	8.742689586752572e-
relation	SUBPASTURE_TOTALAREA	RC_WOODMASS	-0.1321732835958963	0.00923651246821611
relation	SUBPASTURE_TOTALAREA	RC_LITTERMASS	-0.06010368782176388	0.2443510878769459
relation	SUBPASTURE_TOTALAREA	RC_LITTERWMASS	0.030562178223988344	0.554133329247207
relation	SUBPASTURE_TOTALAREA	PC_SHOOTMASS	-0.313968484695335	1.9396895882515646e-
relation	SUBPASTURE_TOTALAREA	PC_WOODMASS	-0.20212459846264427	5.4385728448453246e-
relation	SUBPASTURE_TOTALAREA	PC_LITTERMASS	-0.00239133854778827	0.962309592549951
relation	SUBPASTURE_TOTALAREA	PC_LITTERWMASS	0.030359078047109668	0.548461896341574
relation	SUBPASTURE_TOTALAREA	PC_ROOTMASS	-0.03008768141669609	0.666931990371297
relation	SUBPASTURE_TOTALAREA	PC_HEIGHT	-0.43770049228239527	1.0361127438514838e-
relation	SUBPASTURE_TOTALAREA	GH_COUNT	0.6969133127480233	2.5743012004952077e-
relation	SUBPASTURE_TOTALAREA	ENV_AIRTEMP	0.09925742397498337	0.1422496471702755
relation	SUBPASTURE_TOTALAREA	COVER_RICHNESS_JUN	-0.026116014677688322	0.604355253371652
relation	SUBPASTURE_TOTALAREA	COVER_TOTAL_JUN	-0.3725796372392498	1.738136465742109e-
relation	SUBPASTURE_TOTALAREA	COVER_SHANNON_JUN	-0.0025331276332848577	0.959923698057323
relation	SUBPASTURE_TOTALAREA	COVER_RICHNESS_JUL	0.05656645369161404	0.2614378376028189
relation	SUBPASTURE_TOTALAREA	COVER_TOTAL_JUL	-0.19515057023814517	9.274930269924564e-
relation	SUBPASTURE_TOTALAREA	COVER_SHANNON_JUL	0.06795552466084383	0.1771496044556485

relation	SUBPASTURE_TOTALAREA	COVER_RICHNESS_AUG	-0.02530719118532571	0.615600564780858
relation	SUBPASTURE_TOTALAREA	COVER_TOTAL_AUG	-0.24662560363303662	6.721653665724799e-(
relation	SUBPASTURE_TOTALAREA	COVER_SHANNON_AUG	-0.0010834047303888842	0.9828537153495143
relation	SUBPASTURE_TOTALAREA	PASTURE_TOTALAREA	0.9431331715403263	1.4840112912482213e-1
relation	SUBPASTURE_TOTALAREA	SUBPASTURE_TOTALAREA	1.0	None
relation	SUBPASTURE_TOTALAREA	PASTURE_FORESTAREA	-0.6872033570678515	1.2140268609294228e-
relation	SUBPASTURE_TOTALAREA	PASTURE_WETLANDAREA	0.35991387065434355	1.4837146844378438e-
relation	SUBPASTURE_TOTALAREA	SUBPASTURE_FORESTAREA	-0.2962325539271681	1.1221143498186836e-
relation	SUBPASTURE_TOTALAREA	SUBPASTURE_WETLANDAREA	0.22231463827133968	0.00015428381322509
relation	PASTURE_FORESTAREA	LAT	0.7776657473511446	1.9639752705377397e-
relation	PASTURE_FORESTAREA	LONG	0.7673708098667718	4.726616585087645e-1
relation	PASTURE_FORESTAREA	ENV_SOILNH4	0.04681271785253035	0.3819075512533753
relation	PASTURE_FORESTAREA	ENV_SOILNO3	0.0988976297697566	0.0645850557735220
relation	PASTURE_FORESTAREA	ENV_SOILP	0.14707870869859221	0.0044736036204199
relation	PASTURE_FORESTAREA	ENV_SOILOC	0.6832742060449838	1.9346721666444561e-
relation	PASTURE_FORESTAREA	ENV_SOILTN	0.6668787903277206	1.3827364441610888e-
relation	PASTURE_FORESTAREA	ENV_SOILTC	0.6671622256349442	1.217261480716301e-4
relation	PASTURE_FORESTAREA	ENV_PH	-0.10333566542207563	0.0411258783562001
relation	PASTURE_FORESTAREA	ENV_SOILCLAY	0.7358390308559569	1.1139730238444178e-
relation	PASTURE_FORESTAREA	ENV_SOILSILT	0.6987796342144399	2.0506524589828817e-
relation	PASTURE_FORESTAREA	ENV_SOILSAND	-0.7469917566187206	8.822732888214408e-1
relation	PASTURE_FORESTAREA	ENV_SOILMOIS	0.7286754737623601	1.3242729317158276e-
relation	PASTURE_FORESTAREA	RC_SHOOTMASS	0.365687891379396	1.0897112678070917e-
relation	PASTURE_FORESTAREA	RC_WOODMASS	0.03228013314982067	0.5266449558203399
relation	PASTURE_FORESTAREA	RC_LITTERMASS	0.0930634125020073	0.0710930061238760
relation	PASTURE_FORESTAREA	RC_LITTERWMASS	-0.11296911785405053	0.0282926237838703
relation	PASTURE_FORESTAREA	PC_SHOOTMASS	0.2970145283062479	1.9088310644738217e-
relation	PASTURE_FORESTAREA	PC_WOODMASS	0.07446840993268532	0.140583114982998
relation	PASTURE_FORESTAREA	PC_LITTERMASS	0.0386006780247001	0.4454183374424385
relation	PASTURE_FORESTAREA	PC_LITTERWMASS	0.028631539629585423	0.5714575451293981
relation	PASTURE_FORESTAREA	PC_ROOTMASS	-0.10012590109032145	0.1511596925750780
relation	PASTURE_FORESTAREA	PC_HEIGHT	0.3485759444633344	1.1071974031207449e-
relation	PASTURE_FORESTAREA	GH_COUNT	-0.6601480833102171	6.555970778492832e-2
relation	PASTURE_FORESTAREA	ENV_AIRTEMP	-0.000985071280562271	0.9884089507170277
relation	PASTURE_FORESTAREA	COVER_RICHNESS_JUN	0.005083118456952486	0.919682497160127

relation	PASTURE_FORESTAREA	COVER_TOTAL_JUN	0.3481547405443599	9.993649509929571e-
relation	PASTURE_FORESTAREA	COVER_SHANNON_JUN	0.029195092795863974	0.5624124380414642
relation	PASTURE_FORESTAREA	COVER_RICHNESS_JUL	-0.0226940950743286	0.6525394304104148
relation	PASTURE_FORESTAREA	COVER_TOTAL_JUL	0.2045253539671277	4.121445599935613e-
relation	PASTURE_FORESTAREA	COVER_SHANNON_JUL	-0.003637163803654288	0.9424824688287252
relation	PASTURE_FORESTAREA	COVER_RICHNESS_AUG	0.03353969532008578	0.5057250453211919
relation	PASTURE_FORESTAREA	COVER_TOTAL_AUG	0.3565882036129614	2.5651977263995826e-
relation	PASTURE_FORESTAREA	COVER_SHANNON_AUG	0.15137142279059843	0.0025264766819058
relation	PASTURE_FORESTAREA	PASTURE_TOTALAREA	-0.7266599956114066	3.176033540337534e-
relation	PASTURE_FORESTAREA	SUBPASTURE_TOTALAREA	-0.6872033570678515	1.2140268609294228e-
relation	PASTURE_FORESTAREA	PASTURE_FORESTAREA	1.0	None
relation	PASTURE_FORESTAREA	PASTURE_WETLANDAREA	-0.17345305579393067	0.00052615176735631
relation	PASTURE_FORESTAREA	SUBPASTURE_FORESTAREA	0.4575202931424882	2.1635131111448258e-
relation	PASTURE_FORESTAREA	SUBPASTURE_WETLANDAREA	-0.0414600263658465	0.4857091990520822
relation	PASTURE_WETLANDAREA	LAT	-0.2355005080227083	2.1541812100119 55e-
relation	PASTURE_WETLANDAREA	LONG	-0.22631288041616981	5.403461165453861e-
relation	PASTURE_WETLANDAREA	ENV_SOILNH4	-0.05061413485132266	0.3444143290295993
relation	PASTURE_WETLANDAREA	ENV_SOILNO3	-0.08554460979175146	0.1101325341140770
relation	PASTURE_WETLANDAREA	ENV_SOILP	-0.11014083598440606	0.0337006656823846
relation	PASTURE_WETLANDAREA	ENV_SOILOC	-0.2482404686151319	9.902258332276137e-
relation	PASTURE_WETLANDAREA	ENV_SOILTN	-0.21861067491852604	1.9458547382867388e-
relation	PASTURE_WETLANDAREA	ENV_SOILTC	-0.2165057564527188	2.3485514377848444e-
relation	PASTURE_WETLANDAREA	ENV_PH	0.042229963458582966	0.404990532682462
relation	PASTURE_WETLANDAREA	ENV_SOILCLAY	-0.21495459856272012	1.856050133535909e-
relation	PASTURE_WETLANDAREA	ENV_SOILSILT	-0.18980451850848948	0.00016283038821758
relation	PASTURE_WETLANDAREA	ENV_SOILSAND	0.2101902904901812	2.8587128862783185e-
relation	PASTURE_WETLANDAREA	ENV_SOILMOIS	-0.27838474932322993	2.3546359272194193e-
relation	PASTURE_WETLANDAREA	RC_SHOOTMASS	-0.08335568719340583	0.1015582936752627
relation	PASTURE_WETLANDAREA	RC_WOODMASS	-0.013940403696463021	0.7845717338501415
relation	PASTURE_WETLANDAREA	RC_LITTERMASS	0.015109470314204818	0.7699690874481893
relation	PASTURE_WETLANDAREA	RC_LITTERWMASS	0.005054225383359578	0.9220831264856798
relation	PASTURE_WETLANDAREA	PC_SHOOTMASS	-0.07184378886525236	0.1551573848851523
relation	PASTURE_WETLANDAREA	PC_WOODMASS	-0.04455899141876881	0.3783332587530622
relation	PASTURE_WETLANDAREA	PC_LITTERMASS	0.09602173349652735	0.0571855403953398
relation	PASTURE_WETLANDAREA	PC_LITTERWMASS	0.07274274797115002	0.1500420917520262

relation	PASTURE_WETLANDAREA	PC_ROOTMASS	0.1566443977539451	0.0241957998501086
relation	PASTURE_WETLANDAREA	PC_HEIGHT	-0.21167948048597582	0.00159025678427998
relation	PASTURE_WETLANDAREA	GH_COUNT	0.09403117919691222	0.1645763039017803
relation	PASTURE_WETLANDAREA	ENV_AIRTEMP	0.27013305897798234	4.9151584970385856e-
relation	PASTURE_WETLANDAREA	COVER_RICHNESS_JUN	0.060038409181005496	0.2332424093275217
relation	PASTURE_WETLANDAREA	COVER_TOTAL_JUN	-0.09849271225780516	0.0501656493646111
relation	PASTURE_WETLANDAREA	COVER_SHANNON_JUN	0.07923743067346672	0.115418901332145
relation	PASTURE_WETLANDAREA	COVER_RICHNESS_JUL	0.05206384180702141	0.3013777909112886
relation	PASTURE_WETLANDAREA	COVER_TOTAL_JUL	-0.09352580123345929	0.0629798387880699
relation	PASTURE_WETLANDAREA	COVER_SHANNON_JUL	0.019243914629383012	0.7026291102405525
relation	PASTURE_WETLANDAREA	COVER_RICHNESS_AUG	0.24428186313558614	8.631320393273742e-(
relation	PASTURE_WETLANDAREA	COVER_TOTAL_AUG	-0.08892061670103417	0.0771601313739507
relation	PASTURE_WETLANDAREA	COVER_SHANNON_AUG	0.17111269468317733	0.00062715791359174
relation	PASTURE_WETLANDAREA	PASTURE_TOTALAREA	0.3224290360824358	4.95387205707346e-1
relation	PASTURE_WETLANDAREA	SUBPASTURE_TOTALAREA	0.35991387065434355	1.4837146844378438e-
relation	PASTURE_WETLANDAREA	PASTURE_FORESTAREA	-0.17345305579393067	0.00052615176735631
relation	PASTURE_WETLANDAREA	PASTURE_WETLANDAREA	1.0	None
relation	PASTURE_WETLANDAREA	SUBPASTURE_FORESTAREA	-0.17157614062120263	0.0024758097658183(
relation	PASTURE_WETLANDAREA	SUBPASTURE_WETLANDAREA	0.4768464128055366	1.3779520643376583e-
relation	SUBPASTURE_FORESTAREA	LAT	0.4510195720283589	6.875534316892405e-1
relation	SUBPASTURE_FORESTAREA	LONG	0.44545397040388707	1.8146242847822073e-
relation	SUBPASTURE_FORESTAREA	ENV_SOILNH4	0.021855619926446978	0.7157669440547884
relation	SUBPASTURE_FORESTAREA	ENV_SOILNO3	0.006256797994521391	0.9171368516450236
relation	SUBPASTURE_FORESTAREA	ENV_SOILP	0.07259965744240306	0.2169209592831592
relation	SUBPASTURE_FORESTAREA	ENV_SOILOC	0.3593015424919704	1.7674181116189896e-
relation	SUBPASTURE_FORESTAREA	ENV_SOILTN	0.3665732590611715	9.501636748000429e-1
relation	SUBPASTURE_FORESTAREA	ENV_SOILTC	0.36610733948529406	1.0074886616247766e-
relation	SUBPASTURE_FORESTAREA	ENV_PH	0.002158543806671903	0.9700029373594254
relation	SUBPASTURE_FORESTAREA	ENV_SOILCLAY	0.42352544721473084	1.0488596758737811e-
relation	SUBPASTURE_FORESTAREA	ENV_SOILSILT	0.4150485881186485	3.950727149547394e-1
relation	SUBPASTURE_FORESTAREA	ENV_SOILSAND	-0.4388498830784776	8.661423232819349e-1
relation	SUBPASTURE_FORESTAREA	ENV_SOILMOIS	0.3641869714360068	5.75525382281847e-1
relation	SUBPASTURE_FORESTAREA	RC_SHOOTMASS	0.19964364441914964	0.0004825686483106(
relation	SUBPASTURE_FORESTAREA	RC_WOODMASS	0.049206420234108435	0.3941660540798997
relation	SUBPASTURE_FORESTAREA	RC_LITTERMASS	0.011949606365841057	0.838058776891960(

relation	SUBPASTURE_FORESTAREA	RC_LITTERWMASS	-0.014518871985806562	0.8038835856486972
relation	SUBPASTURE_FORESTAREA	PC_SHOOTMASS	0.2733844912494296	1.153243996079677e-0
relation	SUBPASTURE_FORESTAREA	PC_WOODMASS	0.1726383932178294	0.00240255038681632
relation	SUBPASTURE_FORESTAREA	PC_LITTERMASS	-0.009159328650612406	0.8730125572613905
relation	SUBPASTURE_FORESTAREA	PC_LITTERWMASS	-0.011995274789530894	0.8341950372088929
relation	SUBPASTURE_FORESTAREA	PC_ROOTMASS	-0.05774019232574808	0.4964466454744005
relation	SUBPASTURE_FORESTAREA	PC_HEIGHT	0.34854595424318935	1.4225823713270304e-
relation	SUBPASTURE_FORESTAREA	GH_COUNT	-0.42099932710749977	3.262351427667347e-0
relation	SUBPASTURE_FORESTAREA	ENV_AIRTEMP	-0.02482991179662435	0.7393477765873678
relation	SUBPASTURE_FORESTAREA	COVER_RICHNESS_JUN	-0.08745899485339523	0.1250053020005085
relation	SUBPASTURE_FORESTAREA	COVER_TOTAL_JUN	0.13633388062149748	0.01648373322759169
relation	SUBPASTURE_FORESTAREA	COVER_SHANNON_JUN	-0.1047246807758115	0.0659903215735500
relation	SUBPASTURE_FORESTAREA	COVER_RICHNESS_JUL	0.026892373080864118	0.637716382897917
relation	SUBPASTURE_FORESTAREA	COVER_TOTAL_JUL	0.2198696315413401	9.735746929204648e-0
relation	SUBPASTURE_FORESTAREA	COVER_SHANNON_JUL	0.025430841775689644	0.6561075430674168
relation	SUBPASTURE_FORESTAREA	COVER_RICHNESS_AUG	-0.056584078933050244	0.3214802159202649
relation	SUBPASTURE_FORESTAREA	COVER_TOTAL_AUG	0.2020259954658057	0.0003518110761514
relation	SUBPASTURE_FORESTAREA	COVER_SHANNON_AUG	-0.058501478473234954	0.3053289750385254
relation	SUBPASTURE_FORESTAREA	PASTURE_TOTALAREA	-0.43480609604711046	1.106515216159125e-1
relation	SUBPASTURE_FORESTAREA	SUBPASTURE_TOTALAREA	-0.2962325539271681	1.1221143498186836e-
relation	SUBPASTURE_FORESTAREA	PASTURE_FORESTAREA	0.4575202931424882	2.1635131111448258e-
relation	SUBPASTURE_FORESTAREA	PASTURE_WETLANDAREA	-0.17157614062120263	0.0024758097658183
relation	SUBPASTURE_FORESTAREA	SUBPASTURE_FORESTAREA	1.0	None
relation	SUBPASTURE_FORESTAREA	SUBPASTURE_WETLANDAREA	0.2785382927528153	1.7408842664061894e-
relation	SUBPASTURE_WETLANDAREA	LAT	-0.0015979268440782172	0.9785733345546753
relation	SUBPASTURE_WETLANDAREA	LONG	0.004676432401773655	0.9373502036086777
relation	SUBPASTURE_WETLANDAREA	ENV_SOILNH4	-0.04993654916545722	0.4290317160728872
relation	SUBPASTURE_WETLANDAREA	ENV_SOILNO3	-0.06822456750185593	0.2796684234743867
relation	SUBPASTURE_WETLANDAREA	ENV_SOILP	-0.0642295513563519	0.2920877875624416
relation	SUBPASTURE_WETLANDAREA	ENV_SOILOC	-0.056991717379600154	0.3490857678302458
relation	SUBPASTURE_WETLANDAREA	ENV_SOILTN	-0.049250774311836894	0.4193712336896174
relation	SUBPASTURE_WETLANDAREA	ENV_SOILTC	-0.04310719706489673	0.4797638642655487
relation	SUBPASTURE_WETLANDAREA	ENV_PH	0.0755372375612166	0.2059935061121518
relation	SUBPASTURE_WETLANDAREA	ENV_SOILCLAY	0.0372548547397673	0.5332497310647699
relation	SUBPASTURE_WETLANDAREA	ENV_SOILSILT	0.03155010587085532	0.5977808388367654

relation	SUBPASTURE_WETLANDAREA	ENV_SOILSAND	-0.03534421859276936	0.5544676256877002
relation	SUBPASTURE_WETLANDAREA	ENV_SOILMOIS	-0.06779249498664452	0.2573624338936672
relation	SUBPASTURE_WETLANDAREA	RC_SHOOTMASS	-0.014665211236724788	0.8076728517760137
relation	SUBPASTURE_WETLANDAREA	RC_WOODMASS	0.06629232600736205	0.2706591563169390
relation	SUBPASTURE_WETLANDAREA	RC_LITTERMASS	-0.008774654758662771	0.8852488654313365
relation	SUBPASTURE_WETLANDAREA	RC_LITTERWMASS	0.016594036074590993	0.7848999378861369
relation	SUBPASTURE_WETLANDAREA	PC_SHOOTMASS	0.0535390478384604	0.3704008833368081
relation	SUBPASTURE_WETLANDAREA	PC_WOODMASS	0.09885260911608489	0.0975792595455565
relation	SUBPASTURE_WETLANDAREA	PC_LITTERMASS	0.05324310706513571	0.373055537056164
relation	SUBPASTURE_WETLANDAREA	PC_LITTERWMASS	0.011653308035124219	0.8455262467941296
relation	SUBPASTURE_WETLANDAREA	PC_ROOTMASS	0.21463455468426784	0.0075160365103651
relation	SUBPASTURE_WETLANDAREA	PC_HEIGHT	0.004532586237055761	0.9535011401093854
relation	SUBPASTURE_WETLANDAREA	GH_COUNT	-0.12091525912272896	0.118459170380977
relation	SUBPASTURE_WETLANDAREA	ENV_AIRTEMP	0.1571340863883958	0.0419376133254538
relation	SUBPASTURE_WETLANDAREA	COVER_RICHNESS_JUN	-0.01565460998260536	0.7924466128486382
relation	SUBPASTURE_WETLANDAREA	COVER_TOTAL_JUN	-0.02363893397179387	0.6910925566928139
relation	SUBPASTURE_WETLANDAREA	COVER_SHANNON_JUN	-0.017711690548440875	0.7659191556594445
relation	SUBPASTURE_WETLANDAREA	COVER_RICHNESS_JUL	0.0022272361090919517	0.9701382675264965
relation	SUBPASTURE_WETLANDAREA	COVER_TOTAL_JUL	0.0035738420266383853	0.9521011311137176
relation	SUBPASTURE_WETLANDAREA	COVER_SHANNON_JUL	-0.023809177140376774	0.68898311994452
relation	SUBPASTURE_WETLANDAREA	COVER_RICHNESS_AUG	0.2203598478446707	0.00017686860049493
relation	SUBPASTURE_WETLANDAREA	COVER_TOTAL_AUG	0.19832642041542384	0.00076010851176469
relation	SUBPASTURE_WETLANDAREA	COVER_SHANNON_AUG	0.1297073008487968	0.0285718090122166
relation	SUBPASTURE_WETLANDAREA	PASTURE_TOTALAREA	0.014859615995925725	0.8027648376542049
relation	SUBPASTURE_WETLANDAREA	SUBPASTURE_TOTALAREA	0.22231463827133968	0.0001542838132250
relation	SUBPASTURE_WETLANDAREA	PASTURE_FORESTAREA	-0.0414600263658465	0.4857091990520822
relation	SUBPASTURE_WETLANDAREA	PASTURE_WETLANDAREA	0.4768464128055366	1.3779520643376583e-
relation	SUBPASTURE_WETLANDAREA	SUBPASTURE_FORESTAREA	0.2785382927528153	1.7408842664061894e-
relation	SUBPASTURE_WETLANDAREA	SUBPASTURE_WETLANDAREA	1.0	None