

IRN:I1955,0.094473,0.111708,-0.053551,-0.027455,-0.044316,-0.003347,0.00376,-0.004384,-
0.03027,-0.016037,0.004709,-0.004046,0.005649,0.008533,0.004072,-0.002121,-0.022948,-
0.004434,0.005531,-0.009755,-0.002496,-0.002844,0.001849,-0.008194,-0.001796

IRN:I1290,0.036423,0.069056,-0.151603,-0.011951,-0.121253,0.011992,0.017626,-0.005307,-
0.084059,-0.051026,0.003085,-0.005695,0.009217,-0.014588,0.026058,0.068814,-
0.005737,0.008615,0.014581,-0.032391,0.01435,-0.02201,-0.016885,-0.041452,0.02874

IRN:I1945,0.048944,0.069056,-0.15198,-0.000646,-0.128332,0.031236,0.014806,0.002538,-
0.086105,-0.058498,-0.007795,0.002997,-0.001338,-0.000413,0.029858,0.054494,-
0.015516,0.003927,0.016466,-0.027763,0.002121,-0.023618,-0.008258,-0.034342,0.020118

IRN:I1947,0.042115,0.062963,-0.158768,0.014858,-0.118176,0.020638,0.012691,-0.005077,-
0.078537,-0.061414,-0.00065,-0.003297,0.001041,-0.012937,0.034473,0.063908,-
0.004955,0.014823,0.006913,-0.035017,0.010357,-0.029182,-0.012325,-0.035788,0.022752

IRN:I1949,0.034147,0.058901,-0.162162,0.017119,-0.119407,0.029284,0.018331,0.001385,-
0.077515,-0.047381,-0.005359,0.003297,0.005352,-
0.002477,0.03963,0.049721,0.012647,0.000633,0.018478,-0.03064,0.012478,-0.039322,-0.012202,-
0.048682,0.013651

KEN_400BP:I0595,-0.442772,0.053823,0.006788,-0.020672,0.00954,-0.012271,0.054052,-
0.055844,0.07097,-0.052848,0.002923,-0.010041,-0.02438,0.002615,0.013572,-
0.013657,0.02047,0.034966,0.009679,-0.005127,0.001497,0.000618,-0.000863,0.001928,-0.000718

Cushitic:I12533,-0.249273,0.099522,-0.038089,-0.085272,-0.000308,-0.042112,-0.00564,-
0.01823,0.116783,-0.075446,0,-0.013638,0.002973,-0.007432,0.023751,-
0.014187,0.021513,0.002914,0.006285,-0.001376,-0.003743,0.008161,-0.000739,-
0.000723,0.007185

Cushitic:I12534,-0.219679,0.1046,-0.033941,-0.076874,0.004001,-0.044065,-0.00329,-
0.005077,0.125373,-0.069979,0,-0.015137,0.013379,0.010184,0.028094,-
0.019491,0.019166,0.006968,-0.009679,0.003502,0.001747,0.000989,0.009244,0.000482,0.003353

Cushitic:HYR002,-0.284558,0.09546,-0.018479,-0.068476,-0.00277,-0.043228,-
0.011045,0.008307,0.125578,-0.086198,-0.01088,-0.008243,-0.003122,-0.00523,0.030809,-
0.028109,0.006128,-0.007348,0.00088,0.000375,0.000873,-0.004451,-0.003574,0.004097,-0.0097

Cushitic:I8802,-0.537245,0.067025,0.013953,-0.00969,0.001846,-0.00502,-
0.01034,0.014538,0.022089,-0.037176,-0.006658,0.008393,-0.033003,-0.009221,-
0.024565,0.017237,-0.009648,0.002407,-
0.010684,0.006003,0.003494,0.003215,0.004314,0.001084,0.000838

Cushitic:KPL002,-0.583913,0.055854,0.011314,0.010659,-0.000308,0.007809,-
0.013396,0.018922,0.00225,-0.025695,-0.016401,0.014237,-0.0278,-0.003441,-0.035152,0.026651,-
0.011083,-0.002787,-0.016466,0.002251,0.00025,-0.005441,0.007148,0.008073,-0.002634

KEN_Kakapel_3900BP:KPL001,-0.546351,0.04773,-0.004525,0.019703,0,-0.007251,0.109515,-
0.098073,0.069129,-0.064512,-0.008607,0.023529,-0.022596,-0.009909,0.011808,-
0.016043,0.014864,0.030279,-0.003771,-0.009254,-0.00861,-0.004822,-0.003944,-
0.005061,0.003832

Dinka:KPL003,-0.513342,0.05687,-0.010936,-0.00969,-0.007386,-0.013666,-
0.00658,0.014769,0.075674,-0.113898,-0.032478,0.028924,-0.049207,-0.010046,0.015065,-
0.020419,0.018645,-0.000507,0.022877,-0.027138,-0.002496,0.007172,-0.027238,-
0.000241,0.004071

KEN_LSA:l8808,-0.522448,0.044683,-0.010936,0.006137,0.004308,-0.006414,0.085309,-
0.06692,0.076287,-0.06925,-0.011367,0.010491,-0.033003,0.000138,0.00855,-
0.014983,0.021383,0.038513,-0.002137,-0.005253,-0.007612,-0.002968,0.002342,0.004699,-
0.000718

Cushitic:LUK001,-0.303908,0.09546,-0.027907,-0.08075,0.002154,-0.041555,-0.002115,-
0.00923,0.122919,-0.086198,-0.006333,-0.007044,-0.005054,0.001101,0.031623,-
0.03023,0.007562,0.005321,0.003268,-0.01038,-0.005865,-0.001855,0.000986,0.001205,0.005149

Cushitic:MOL001,-0.355128,0.082258,-0.023759,-0.047804,0.006155,-0.030399,0.012926,-
0.01223,0.113511,-0.084922,-0.016564,-0.003447,-0.011447,0.001101,0.026873,-
0.031954,0.017863,0.012542,-0.002765,-0.004877,0.002246,-0.003586,0.001479,-0.006025,-
0.001916

Cushitic:MOL003,-0.309599,0.088351,-0.026021,-0.083657,-0.004924,-0.057173,-0.00329,-
0.002769,0.116988,-0.10023,0.009419,0.006444,-0.008325,0.005092,-0.003257,-0.02612,0.020079,-
0.007981,-0.015084,-0.003126,-0.002121,0.005688,-0.008504,0.011327,-0.021196

KEN_Nyarindi_3500BP:NYA002,-0.528139,0.049761,-0.012445,0.010013,-
0.016926,0.008367,0.098469,-0.08192,0.06422,-0.052848,-0.013316,0.018733,-0.029583,-
0.011973,0.017372,-0.007425,0.027902,0.03978,-0.008925,-0.004127,-0.005865,0.017806,-
0.007518,0.003494,0.00467

Cushitic:l12379,-0.423422,0.076165,-0.011691,-0.042313,0.001231,-0.027889,-
0.00282,0.004384,0.107784,-0.089113,-0.017538,0.006744,-0.022299,0.001651,0.015744,-
0.024529,0.011604,0.003674,0.012444,-0.007754,-0.000998,0.009521,-0.003697,0.000843,-
0.005987

Cushitic:l12381,-0.400657,0.084289,-0.018479,-0.04522,0.003385,-0.025937,-
0.016686,0.007384,0.106352,-0.084375,-0.016076,0.000749,-0.015609,0.003578,0.026601,-
0.02254,0.018384,-0.004814,0.016718,-0.015632,0.004243,0.008779,-0.006779,-0.004097,0.003712

Cushitic:l10719,-0.298217,0.097491,-0.028661,-0.074936,0.002462,-0.037092,-
0.00752,0.003,0.130282,-0.084193,-0.005034,-0.007194,-0.007433,-0.003578,0.02158,-
0.028242,0.008084,0.003674,0.011941,-0.010755,0.000998,-0.001855,-0.008997,-
0.007712,0.001916

Cushitic:l12394,-0.280005,0.093429,-0.022627,-0.066538,0.002462,-0.029005,-0.003055,-
0.007154,0.121283,-0.074535,-0.003573,-0.006594,-0.006095,0.007294,0.013843,-
0.015911,0.01682,0.007728,0.010182,0.002501,0.011355,0.001855,-0.006902,-0.005904,-0.008861

Cushitic:l12398,-0.27659,0.091398,-0.030547,-0.076874,0.003077,-0.041555,-0.015981,-
0.003923,0.123941,-0.082553,-0.001624,-0.012289,0.002527,0.001239,0.021851,-0.0179,0.017602,-
0.001394,0.018603,0.004752,0.004991,0.010016,-0.009737,-0.006145,0.005389

Cushitic:l8805,-0.301631,0.089367,-0.026021,-0.075259,-0.000615,-0.037929,-0.010575,-
0.009923,0.122714,-0.088931,-0.01494,-0.002847,0.002825,-0.000963,0.030944,-
0.018695,0.019688,0.002027,0.00905,-0.006628,-0.000374,-0.000989,-0.003944,0.003012,0

Cushitic:l8922,-0.299355,0.092413,-0.023759,-0.07106,0.004308,-0.040997,-0.012691,-
0.008307,0.116579,-0.086744,-0.011367,-0.004646,-0.006541,-0.00289,0.023208,-
0.019093,0.026989,0.005068,0.002765,-0.005378,0.000499,-0.001607,-0.009737,-
0.006266,0.000359

Cushitic:l8923,-0.266346,0.080227,-0.034318,-0.07106,0.003077,-0.043228,-0.011045,-
0.002077,0.121896,-0.07909,0.000325,-0.005095,0,0.000963,0.019272,-
0.014717,0.012517,0.000887,0.009176,0.002501,0.007237,0.007543,-0.011462,0.001566,0.014849

Cushitic:l8759,-0.25724,0.103584,-0.004525,-0.068153,0.013233,-0.021753,-0.017156,-
0.011999,0.130282,-0.070708,-0.008769,-0.020232,0.002973,0.006331,0.017915,-
0.012066,0.002217,-0.002787,0.010559,-0.002626,0.009858,0.001978,-0.01861,0.014942,0

Cushitic:l12384,-0.305046,0.099522,-0.028284,-0.072352,-0.008925,-0.039881,-
0.01034,0.000231,0.116579,-0.092211,-0.008769,-0.003897,-0.010406,0.002477,0.021037,-
0.025192,0.020731,0.007981,0.007668,-0.001501,0.005116,0.006059,-0.006162,0.000723,0.005748

Cushitic:l8758,-0.299355,0.09546,-0.040352,-0.076228,0.002154,-0.032351,-0.00752,-
0.005538,0.112284,-0.102781,-0.004222,-0.009591,-0.004608,-0.014313,0.031894,-
0.024662,0.034813,-0.012035,0.014204,0.002501,-0.005615,0.002473,-0.013064,0.000843,-
0.004071

Cushitic:l8804,-0.286834,0.099522,-0.023759,-0.086887,0.000615,-0.047969,-0.013396,-
0.004615,0.130486,-0.087109,-0.018025,-0.01079,-0.004014,-0.001651,0.026058,-
0.02254,0.022948,0.002914,0.004777,-0.001126,0.006489,-0.000742,-0.002095,-0.008435,-
0.000718

Cushitic:l8809,-0.291387,0.100537,-0.023004,-0.081719,0.007386,-0.041276,-
0.015276,0.002077,0.125373,-0.087291,-0.002923,-0.009591,0.000149,-0.010046,0.024565,-
0.023203,0.0236,0.000507,-0.000628,-0.005253,-0.006114,0.004822,0.002711,-0.006266,-0.005269

Cushitic:l8814,-0.302769,0.08632,-0.024513,-0.066538,-0.003693,-0.035977,-0.001645,-
0.003923,0.123123,-0.077268,-0.009581,-0.014087,0.000743,0.009909,0.025923,-
0.022142,0.015907,0.005954,0.005656,-5e-04,0.002995,0.007543,0,-0.006627,-0.007305

Cushitic:l8830,-0.300493,0.105615,-0.019233,-0.080104,-0.007386,-0.031236,-
0.016451,0.011076,0.122101,-0.096767,-0.002761,-0.01124,0.007136,-0.003441,0.019544,-
0.017767,0.015776,-0.024958,0.009553,0.004252,0.005366,0.000618,-0.018241,0.014701,-
0.005149

Cushitic:l8874,-0.298217,0.100537,-0.034318,-0.070091,0.004308,-0.04267,-0.014571,-
0.001615,0.124964,-0.075628,-0.005684,-0.004796,-0.006392,-0.003441,0.016015,-
0.016043,0.019558,0.006334,0.008673,-0.000875,0.000624,0.000495,0.002835,-0.011447,0.003832

Cushitic:l8918,-0.301631,0.091398,-0.02225,-0.070091,0.007078,-0.036535,-
0.002115,0.004384,0.123123,-0.083464,-0.00682,-0.01154,-0.002081,0.000963,0.022937,-
0.01896,0.021383,0.003801,0.010182,-0.004752,0.00574,0.000371,-0.000616,-0.000241,0.005149

Cushitic:l8919,-0.307322,0.08632,-0.021873,-0.061047,0.002462,-0.027052,-0.008225,-
0.004154,0.122919,-0.08638,0.003735,-0.012739,0.002825,-0.000826,0.022122,-0.01538,0.024121,-
0.001774,0.010433,-0.001,0.001622,0.003339,0.000616,0.004699,-0.00467

Cushitic:I8920,-0.311875,0.089367,-0.026021,-0.072675,0.003385,-0.030399,-0.005405,-
0.012692,0.119646,-0.092029,-0.002761,-0.009442,-0.000595,0.001376,0.019137,-
0.023999,0.02386,0.006334,0.006411,-0.006628,0.003244,0.004822,-0.006655,-0.001325,0.002395

Levant:I2201,0.087644,0.149283,-0.05506,-0.100776,-0.014156,-0.032072,-0.002115,-
0.006231,0.012476,0.007654,0.011205,-
0.003297,0.01888,0.003716,0.002443,0.010475,0.00339,0.008235,-0.001006,-
0.003252,0.005366,0.009027,-0.002835,0.000482,-0.004071

Levant:ASH066,0.069432,0.138112,-0.052797,-0.079135,0.005232,-0.026216,-0.00235,-
0.001154,0.015748,0.023326,0.007632,-0.009741,0.01665,0.00812,-0.004886,-
0.008751,0.008214,0.008488,0.007793,0.007754,0.002121,0.016446,0.006902,-0.008194,-0.0097

Levant:ASH067,0.119514,0.164516,-0.04978,-0.075582,-0.000308,-0.031515,0.011516,0.003461,-
0.010635,0.041003,0.008444,0.004046,-0.015461,0.004954,-0.029316,0.00411,-
0.008736,0.010388,0.006285,-0.008629,-0.008859,-0.000742,-0.012202,0.008314,0.000838

Levant:ASH068,0.108132,0.156392,-0.003771,-0.065569,0.024312,-0.02761,0.00893,-
0.008538,0.001841,0.054306,-0.002598,0.015586,-0.023042,0.003441,-
0.022801,0.012198,0.031553,0.004307,0.008547,-0.009755,-0.006364,0.016446,0.011462,-
0.005302,0.005389

Levant:ASH2-3,0.086506,0.160454,-0.037335,-0.071383,-0.010463,-0.028726,-0.004465,-
0.006231,0.012476,0.034625,-0.000974,0.004046,-0.017988,0.009083,-0.011401,-0.011668,-
0.022817,-0.011022,-0.004022,0.005253,0.009608,0.009398,0.004807,-0.021328,0.006945

Levant:ASH087,0.086506,0.133034,-0.060716,-0.106914,-0.024312,-0.047411,-0.007285,-
0.013153,0.027406,0.023508,-0.005846,-0.008393,0.017691,0.001376,-
0.010722,0.013922,0.005607,-0.003674,-0.004777,0.005002,-0.00025,0.001484,-0.008751,-
0.003374,0.007424

Levant:ASH135,0.069432,0.145221,-0.053174,-0.106591,-0.003693,-0.03263,-0.00047,-
0.026307,0.016157,0.010205,0.011854,-0.004496,0.030624,-0.016652,-
0.021987,0.009546,0.007953,-0.014442,-0.019232,0.00963,0.00574,0.007914,-0.005546,-0.01928,-
0.002994

Levant:ASH8,0.080814,0.145221,-0.066373,-0.101422,-0.021542,-0.029562,-0.003055,-
0.012923,0.003272,0.002005,0.012179,-0.008393,0.019475,0.003303,0.001086,0.010872,-
0.00339,0.001394,0.007668,-0.003627,0.006988,0.001731,0.000241,0.003473

Levant:ASH29,0.083091,0.148267,-0.056191,-0.089471,-0.000923,-0.041276,0.003055,-
0.012461,0.012271,-0.004191,0.027444,-0.021281,0.01888,0.011973,-0.005429,0.011933,-
0.01708,0.010769,0.003142,-0.017133,-0.003494,-0.004204,0.011832,-0.00012,0.014849

Levant:ASH33,0.100164,0.141159,-0.068636,-0.088179,-0.020927,-0.04267,0.00141,-
0.006,0.006954,0.022415,0.013153,-0.017385,0.027651,0.016377,-0.006243,0.011668,0.009518,-
0.000127,-0.002263,0.001501,0.005241,0.002349,-0.017008,0.009881,0.001437

Levant:ASH34,0.093335,0.149283,-0.060339,-0.0969,-0.020004,-0.025937,0.00517,-
0.008077,0.002454,0.019681,0.006008,-0.008542,0.009812,-0.001651,-0.011943,0.003315,-
0.005346,-0.006714,-0.002765,-0.005378,0.004492,0.002968,-0.013064,-0.001325,-0.00479

Levant:I3703,0.091058,0.145221,-0.054305,-0.10756,-0.018157,-0.039045,-0.00235,-
0.013615,0.008181,0.012028,0.01088,-0.002997,0.030178,0.000275,-0.008415,0.012596,-
0.000522,0.008868,0.004525,-0.000375,0.007736,0.003957,-0.006409,0.000602,0.003113

Levant:I3705,0.086506,0.145221,-0.061471,-0.105299,-0.00954,-0.037371,0.00094,-
0.017768,0.017998,0.009659,0.010555,-0.008542,0.021258,-0.005505,-
0.010722,0.019358,0.000782,0.004434,0.009804,0.008129,0.000998,0.010634,-0.011955,-
0.003133,-0.004431

Levant:I3706,0.092197,0.153345,-0.063733,-0.092378,-0.011387,-0.031236,-0.005405,-
0.003231,0.007363,0.008018,0.019487,-0.010041,0.020218,0.003578,-
0.014794,0.004243,0.000391,0.002407,0.001634,0.010005,-0.000749,0.005812,-0.009367,0.00253,-
0.002874

Levant:I3707,0.081953,0.152329,-0.050157,-0.102068,-0.000308,-0.040439,-0.001175,-
0.008769,0.01493,0.006925,0.017538,-0.01124,0.027056,0,-
0.009229,0.019888,0.001956,0.001647,-0.000503,0.008004,0.00549,0.011871,-
0.007765,0.002892,0.001557

Levant:I3985,0.094473,0.152329,-0.061848,-0.106268,-0.010463,-0.038208,-0.009635,-
0.017076,0.023316,0.01057,0.004872,-0.009142,0.028097,0.000413,-0.013301,0.015646,-
0.002738,0.004181,0.004651,0.004877,0.006863,0.002597,-0.004314,0.003012,-0.000239

Levant:I3986,0.08992,0.148267,-0.061848,-0.102714,-0.015387,-0.04267,-0.00611,-
0.003461,0.01309,0.008018,0.011205,-0.011839,0.027056,0.01156,-0.004207,-0.005038,-
0.019558,0.007475,0.001634,0.000875,0.001872,0.004204,-0.005423,-0.00253,-0.000718

Levant:I3987,0.088782,0.139128,-0.062979,-0.102068,-0.016926,-0.04016,-0.011986,-
0.006461,0.011044,0.002551,0.01023,-0.005995,0.025421,0.00523,-0.00475,0.019358,0.001565,-
0.000887,-0.001508,0.007379,0.012728,0.004081,-0.011832,0.003976,0.002036

Levant:I6459,0.087644,0.151314,-0.064488,-0.101422,-0.008309,-0.035419,-0.012456,-
0.013384,0.011862,0.016766,-0.004547,-0.009142,0.017245,-0.001239,-
0.008143,0.006497,0.001434,0.004941,-0.005028,0.002251,0.004367,0.011871,-
0.007025,0.000482,-0.00012

Levant:I6460,0.088782,0.14319,-0.058077,-0.108529,-0.014156,-0.034025,-0.014101,-
0.003231,0.012885,0.006378,0.015914,-0.009741,0.02111,0.001927,-
0.013979,0.021347,0.009909,0.003167,0.004525,0.01088,0.009733,0.003091,-0.006409,-0.000843,-
0.011017

Levant:I6461,0.085367,0.15436,-0.055437,-0.098838,-0.00954,-0.033746,-0.00705,-
0.009,0.009408,0.015126,0.014128,-0.009591,0.020812,-0.002477,-
0.006107,0.02201,0.002999,0.009248,0.006411,0.003502,-0.001497,0.010634,-0.006409,-
0.006748,-0.000958

Levant:I6462,0.083091,0.152329,-0.059208,-0.11725,-0.007386,-0.033188,0.002585,-
0.003,0.021884,0.016766,-0.000162,-0.015886,0.017691,0.004817,-0.009365,-0.000265,-
0.019949,0.00266,0.00905,0.000875,-0.001373,0.016569,-0.002835,-0.004217,-0.003952

Levant:I6464,0.087644,0.145221,-0.066373,-0.115635,-0.003077,-0.039324,-0.013396,-
0.001846,0.018816,0.004191,0.01429,-0.017534,0.029881,0.010046,-0.002443,0.006099,-
0.007302,0.003294,0.011187,0.013882,0.00549,0.00371,0.007765,0.002048,-0.001557

Levant:I6564,0.083091,0.148267,-0.061471,-0.100776,-0.016003,-0.031236,-0.01034,-
0.010615,0.01268,0.004738,0.011205,-0.01094,0.029583,0.00234,-0.001493,0.007027,-
0.002217,0.002787,0.005782,0.001251,0.006738,0.001731,0.002835,-0.002048,-0.001796

Levant:I6565,0.086506,0.149283,-0.079195,-0.107237,-0.01908,-0.049921,0.00564,0.003,0.015953,-
0.002187,0.015752,-0.017385,0.021407,-0.003578,-0.007736,-0.008088,-
0.011735,0.016723,0.001885,0.001751,0.00836,0.01014,-0.012695,-0.008194,-0.002036

Levant:I6566,0.087644,0.148267,-0.062225,-0.104006,-0.010156,-0.035698,-0.00423,-
0.00923,0.020043,0.007836,0.020786,-0.01169,0.023786,0.006606,-0.012215,-0.001326,-0.022035,-
0.001014,0.005028,-0.00025,0.004991,0.011376,-0.002588,0.005663,-0.011017

Levant:I6567,0.091058,0.152329,-0.066373,-0.104329,-0.008309,-0.039045,-0.00893,-
0.004384,0.009408,0.013485,0.009743,-0.014087,0.020069,-0.003578,-0.005836,0.009944,-
0.002868,0.002914,0.003268,0.011881,0.008859,0.004822,-0.003328,0.00723,-0.001317

Levant:I6569,0.092197,0.146236,-0.063356,-0.107883,-0.01508,-0.035977,-0.006815,-
0.009,0.008999,0.006014,0.013316,-0.018134,0.033449,-0.004954,-0.004479,0.027446,0.014212,-
0.006208,-0.005908,0.016508,0.002745,0.006306,-0.001109,0.010724,-0.002275

Levant:I6570,0.085367,0.147252,-0.058077,-0.10336,-0.004001,-0.044623,0.000235,-
0.010153,0.016771,0.009294,0.006171,-0.010041,0.019177,0.006744,-
0.010043,0.01896,0.018645,0.004941,0.008925,0.011756,0.004742,0.008037,-0.014666,-0.002289,-
0.009221

Levant:I6571,0.085367,0.152329,-0.059208,-0.108206,-0.014772,-0.041555,-0.00752,-
0.009,0.02168,0.008201,0.010068,-0.010641,0.022299,0.000688,-0.00665,0.022805,0.010952,-
0.00076,0.004274,0.010505,0.004367,-0.001113,-0.006655,0.000361,-0.003592

Levant:I6572,0.087644,0.145221,-0.056568,-0.097546,-0.010771,-0.041555,-0.00705,-
0.014076,0.015135,0.009659,0.009419,-0.013638,0.022299,-0.002477,-
0.010315,0.023601,0.020861,0.003421,0.004525,0.007504,0.006239,0.005935,-
0.003204,0.000602,-0.003233

Levant:SFI-11,0.087644,0.129988,-0.062602,-0.092378,-0.018157,-0.03263,-
0.008225,0.001154,0.008999,0.018224,0.00341,-0.011839,0.027948,-0.004817,-
0.013436,0.01843,0.013951,-0.019383,0.00352,-0.002751,0.006988,0.005441,0.009244,-
0.000723,0.001197

Levant:SFI-15,0.081953,0.137096,-0.060339,-0.096577,-0.018773,-0.033746,-0.00611,-
0.009692,0.007567,0.010387,0.001949,-0.004646,0.013082,-0.001101,-0.006107,0.009016,-
0.001173,-0.003801,0.005531,-0.002001,0.005116,0.004081,-0.004437,0.003012,-0.001916

Levant:SFI-24,0.081953,0.148267,-0.058077,-0.088502,-0.013849,-0.032351,-0.004465,-
0.005769,0.008181,0.004738,0.014453,-0.010041,0.024232,-0.002477,-
0.005157,0.022805,0.014212,-0.001647,-0.003897,0.008004,0.001248,0.006183,-
0.002218,0.009158,-0.005628

Levant:SFI-33,0.092197,0.147252,-0.049403,-0.086241,-0.010771,-0.026216,-0.001645,-
0.008077,0.005113,0.008747,0.006171,-0.009591,0.006095,-0.002202,-
0.015201,0.0179,0.018384,0.006841,0.002388,0.003377,-0.004243,0.003833,-0.006039,0.004338,-
0.005508

Levant:SFI-20,0.068294,0.145221,-0.057322,-0.086564,-0.010463,-0.030957,-0.002115,-
0.013846,0.003886,0.006378,0.005846,-0.006744,0.017988,-0.002202,-0.004072,0.001061,-
0.01004,0.002027,0.005782,-0.001876,0.002496,0.009769,-0.002465,-0.008917,-0.000958

Levant:SFI-5,0.061464,0.149283,-0.063356,-0.075259,-0.002154,-0.027331,-0.00282,-0.013384,-
0.000205,0.005467,0.004384,0.005395,-0.002081,0.008945,-0.020494,-0.006497,-
0.00326,0.00038,0.013952,-0.024012,0.004367,-0.000495,-0.00912,0.004699,-0.010418

Levant:SFI-55,0.088782,0.161469,-0.04978,-0.098192,-0.015695,-0.033467,-0.004465,-
0.008307,0.015748,0.008201,0.005684,-0.012139,0.020069,0.010597,-
0.016829,0.006895,0.005607,0.001267,0.00817,-0.004002,-0.004617,0.005935,-0.00986,-0.002048,-
0.001796

Levant:SFI-56,0.08992,0.149283,-0.059208,-0.102391,-0.017542,-0.041555,-0.0094,-
0.000231,0.023725,0.005649,0.012342,-0.013638,0.027354,-0.002752,-0.012758,0.01896,-
0.006258,0.003167,0.005154,0.006253,0.002121,0.005193,-0.00912,-0.002048,-0.001916

Levant:SFI-43,0.0387,0.144205,-0.052797,-0.11725,0.003385,-0.042391,-0.00987,-
0.001385,0.046427,0.002551,0.01494,-0.018733,0.033151,0.002615,-0.004343,0.002652,-
0.000913,-0.004054,-0.002765,0.02051,0.014974,-0.000989,-0.003081,0.005181,-0.002874

Levant:SFI-44,0.047806,0.148267,-0.04186,-0.094962,-0.00277,-0.035698,-
0.012926,0.001385,0.037428,0.008383,0.010555,-0.01109,0.022299,-0.001927,0.008686,-
0.011535,-0.014081,-0.001774,-0.004399,-0.002876,0.009858,0.006554,-
0.000986,0.002771,0.001916

Levant:SFI-34,0.091058,0.155376,-0.041483,-0.088825,-0.003693,-0.034582,-0.004465,-
0.013615,0.018203,0.015126,0.011692,-0.002398,0.013677,0.00523,-0.014115,-0.000928,-
0.000522,-0.00152,-0.003897,5e-04,-0.005241,0.009892,-0.002465,-0.00241,0.005628

Levant:SFI-35,0.0774,0.14319,-0.052043,-0.095608,-0.013233,-0.033467,-0.00423,-
0.013384,0.014521,0.010205,0.011367,-0.003747,0.018137,0.001651,0.000543,-0.007955,-
0.009648,0.006081,0.005656,0.00075,0.00025,0.001484,0.000493,-0.002892,0.00479

Levant:SFI-36,0.084229,0.155376,-0.051288,-0.091086,-0.01231,-0.035698,-0.002585,-
0.010384,0.005931,0.008018,0.005846,-0.001948,0.00996,0.005505,-0.022937,-0.001458,-
0.012647,-0.001014,0.004525,-0.005503,-0.004243,-0.000866,-0.001232,-0.004097,-0.003952

Levant:SFI-39,0.093335,0.161469,-0.046009,-0.099161,-0.013233,-0.033188,-0.00611,-
0.013153,0.004295,0.01549,0.009419,-0.012739,0.013082,0.008395,-0.011401,-0.007425,-
0.011604,-0.003547,0.007542,-0.001626,0.00287,0.00272,-0.002835,-0.000361,-0.011256

Levant:SFI-42,0.091058,0.14319,-0.045632,-0.082688,0.003385,-0.01757,-0.003995,-
0.011076,0.004909,0.013303,0.003573,0.001349,0.004906,0.002752,-
0.009093,0.001591,0.007953,0.000887,0.009804,0.005378,0.00861,0.006183,-0.007395,-
0.010483,0.003113

Levant:SFI-45,0.08992,0.160454,-0.042238,-0.091732,-0.006463,-0.029562,-0.002115,-
0.009692,0.014521,0.007472,0.001137,-0.00045,0.008622,0.007294,-
0.015744,0.005701,0.005998,0.003801,-0.001006,-0.008129,0.004742,-0.000371,-
0.004314,0.01205,-0.007903

Levant:SFI-47,0.087644,0.151314,-0.055437,-0.089794,-0.018773,-0.03765,-0.00282,-
0.004384,0.00859,0.012574,0.009906,-0.005395,0.016799,-0.005505,-
0.007465,0.006364,0.000522,0.002787,-0.00176,-0.00025,0.004617,0.010634,-0.00912,0,-0.003113

Levant:SFI-50,0.088782,0.149283,-0.05506,-0.089471,-0.017234,-0.032072,-0.003525,-
0.003231,0.010022,0.026242,-0.003897,-0.008243,0.008176,-0.001239,-
0.004479,0.013789,0.020079,-0.001647,-0.000251,0.001876,0.007861,0.006925,-0.000616,-
0.000964,-0.003832

Levant:I3832,0.083091,0.164516,-0.059962,-0.112405,-0.005847,-0.039045,-0.00376,-
0.014769,0.027406,0.008565,0.014453,-0.018583,0.02438,0.000963,-0.011129,0.01896,-
0.005085,0.007728,0.008422,0.009755,-0.000125,0.006183,0.005669,0.010242,-0.005269

Levant:I3965,0.086506,0.147252,-0.070522,-0.095608,-0.009848,-0.040439,-0.005405,-
0.015461,0.006749,0.009112,0.000974,-3e-04,0.016204,0.00523,-0.007736,-0.002784,-0.021383,-
0.001774,0.000503,0.008754,0.005241,0.005935,-0.007395,-0.013737,0.000599

Levant:I3966,0.085367,0.142174,-0.064111,-0.098192,-0.016311,-0.041555,-0.00893,-
0.008307,0.009613,0.00492,0.010555,-0.013638,0.021556,0.000138,-
0.006922,0.016043,0.001304,0.007221,-0.000126,0.004877,0.013227,0.003833,-0.002588,-
0.001687,-0.000479

Levant:I0644,0.087644,0.161469,-0.035449,-0.132108,0.023081,-0.055499,-0.013161,-
0.009,0.059516,0.034625,0.014128,-0.016335,0.0278,0.004817,-0.019544,0.010077,-
0.000261,0.009628,0.004399,0.006753,-0.004492,0.01014,-0.007272,-0.007953,-0.006107

Levant:I1152,0.087644,0.166547,-0.052797,-0.134046,0.016311,-0.069165,-0.010105,-
0.011307,0.05379,0.030616,0.017863,-0.016485,0.028097,0.009496,-0.013436,0.003713,-
0.000652,0,-0.004148,-0.002501,0.005615,0.013849,-0.009737,0.003494,-0.008263

Levant:I1155,0.092197,0.169593,-0.056191,-0.125971,0.024928,-0.068886,-0.012691,-
0.016384,0.050313,0.033167,0.012504,-0.023229,0.024678,-0.008945,-
0.014929,0.007558,0.012256,0.007728,-0.001131,-0.004002,-0.000873,0.001855,0.008627,-
0.005181,-0.003712

Levant:I1160,0.092197,0.173656,-0.047517,-0.144059,0.017849,-0.058846,-0.00611,-
0.013153,0.047654,0.032802,0.021273,-0.018583,0.032408,0.002064,-0.012622,-
0.002652,0.00013,0.010895,0.00352,0.013381,0.010731,0.005564,-0.005546,-0.003253,-0.00012

Levant:I1164,0.086506,0.174671,-0.053174,-0.137922,0.009232,-0.063587,-0.014806,-
0.009692,0.054608,0.036629,0.018512,-0.020382,0.032705,0.006055,-0.012893,0.006497,-
0.000522,0.003041,-0.006536,0.030139,0.006738,-0.004699,-0.012078,-0.010604,-0.005029

Levant:I1165,0.083091,0.165531,-0.056568,-0.132431,0.005847,-0.064982,-0.015276,-
0.006692,0.059721,0.023508,0.007307,-0.012289,0.041922,0.015138,-0.015201,0.005436,-
0.025425,0.001267,0.006159,0.019134,-0.004492,0.01051,0.001849,-0.006145,-0.002275

Levant:I1168,0.088782,0.167562,-0.04978,-0.132108,0.008001,-0.06275,-0.0094,-
0.010615,0.041314,0.024602,0.015589,-0.013788,0.030921,0.00289,-
0.011129,0.005967,0.007953,0.007221,0.003771,0.011113,0.006114,0.018424,-0.008381,-0.009158,-
0.011855

Levant:I1169,0.083091,0.171624,-0.036581,-0.134369,0.013541,-0.059683,-0.00799,-
0.009692,0.053176,0.03262,0.013478,-0.013938,0.030773,0.001101,-0.016422,-0.009149,-
0.018254,0.005574,0.005908,0.007253,0.005241,0.00507,-0.006655,0.000482,-0.003353

Levant:I1170,0.087644,0.165531,-0.047517,-0.141475,0.00954,-0.066097,-0.014806,-
0.013615,0.047859,0.035354,0.014777,-0.012589,0.039841,0.007982,-
0.02443,0.003978,0.001956,0.004687,0.004274,0.011756,-0.006863,0.013973,-0.003574,-
0.000241,-0.002395

Levant:I1171,0.085367,0.164516,-0.046763,-0.129847,0.008617,-0.056615,-0.015981,-
0.008307,0.053994,0.03827,0.007632,-0.017834,0.036125,0.006606,-0.008686,-0.004508,-
0.015385,0.0019,0.008547,0.006378,0.001497,0.013354,0.000863,0.005663,0.002754

Levant:I1172,0.095611,0.159438,-0.036581,-0.132754,0.013541,-0.068607,-0.008225,-
0.008077,0.059107,0.030798,0.006333,-0.020532,0.031962,0.005918,-0.004343,-0.005967,-
0.004563,-0.000633,0.014581,0.011005,-0.003119,-0.007419,0.009983,-0.006145,0

Levant:I1177,0.093335,0.171624,-0.033187,-0.139214,0.020619,-0.061635,-0.023031,-
0.006461,0.052563,0.028611,0.031666,-0.014837,0.04103,0.012386,-0.018051,-0.009679,-
0.016559,0.012415,0.005531,-0.011506,-0.006239,0.006059,0.005053,0.008676,-0.005149

Levant:I1178,0.09675,0.168578,-0.043369,-0.137922,0.016618,-0.061914,-0.018566,-
0.014538,0.054812,0.033349,0.016726,-0.011839,0.034043,0.005643,-
0.021715,0.005569,0.002347,0.003801,0.003771,0.01088,0.000998,0.015333,-0.001232,0.000964,-
0.000359

Levant:I1179,0.08992,0.161469,-0.050534,-0.137276,0.017542,-0.065539,-0.010105,-
0.007384,0.055017,0.033531,0.015589,-0.013038,0.027948,-0.002202,-
0.018729,0.007027,0.001304,-0.003801,0.004022,0.001751,0.007237,0.009027,-0.002095,-
0.006868,0.002754

Levant:I1181,0.086506,0.171624,-0.039975,-0.134692,0.018157,-0.059404,-0.00376,-
0.017307,0.052767,0.035354,0.015265,-0.02203,0.039395,0.010046,-0.02253,0.015911,-
0.008736,0.008742,0.006662,0.018884,0.011729,0.020032,-0.000246,-0.003735,-0.010418

Levant:I1182,0.088782,0.161469,-0.054305,-0.141798,0.023389,-0.064145,-0.011751,-
0.014999,0.056653,0.031709,0.012342,-0.013338,0.037165,0.007019,-0.017101,-
0.000796,0.005867,0,0.009679,0.015007,-0.001123,-0.000247,0.001972,-0.009519,-0.003712

Levant:I1183,0.087644,0.171624,-0.04714,-0.134692,0.024928,-0.062472,-0.015276,-
0.011538,0.050517,0.042643,0.014777,-0.01109,0.036719,-0.010735,-
0.011265,0.009679,0.007302,0.001647,-0.010056,0.005127,0.001248,0.012489,-0.00037,0.005422,-
0.010538

Levant:I1184,0.09675,0.155376,-0.058454,-0.129524,0.016926,-0.063308,-0.012221,-
0.01523,0.05379,0.039727,0.008282,-0.014837,0.024083,0.008395,-0.014658,-0.005967,-0.02021,-
0.000127,0.008673,0.005378,0.001248,0.005812,-0.010476,0.000482,0.001557

Levant:I1187,0.075123,0.164516,-0.042615,-0.136953,0.011079,-0.049921,-0.005405,-
0.011538,0.048063,0.053031,0.012666,-0.007343,0.031219,0.003165,-
0.016694,0.012994,0.009648,0.003547,-0.001257,0.014632,0.0141,0.015209,-0.012448,0.006145,-
0.008981

Levant:I1705,0.081953,0.146236,-0.056568,-0.113697,-0.008001,-0.046296,-0.010575,-
0.007384,0.030883,0.004556,0.016401,-0.020532,0.040287,-0.001651,-
0.003393,0.030496,0.009127,0.007095,-
0.004022,0.017884,0.003369,0.009769,0.000616,0.006507,-0.013891

Levant:I1706,0.071709,0.139128,-0.062225,-0.111113,-0.008001,-0.043507,-0.011751,-
0.015692,0.041723,0.009476,0.013316,-0.019782,0.049653,-0.00523,0.000814,0.028639,-
0.000522,-0.00038,-0.001131,0.020135,0.006364,0.012489,-0.00419,0.003133,-0.002036

Levant:I1730,0.073985,0.158423,-0.061094,-0.11725,-0.000923,-0.053268,-0.01034,-
0.016845,0.028429,0.008565,0.017538,-0.018733,0.034638,0.004266,-0.006786,0.009546,-
0.003129,-0.003674,-0.004022,0.013256,0.00549,0.01286,-0.008011,0.003133,-0.005389

Levant:SI-41,0.071709,0.147252,0.017725,-0.031331,0.035391,-0.011156,-
0.012456,0.004615,0.026588,0.032074,0.001299,0.012439,0.000297,-0.011973,0.003936,-
0.001061,-0.001825,0.00076,-0.006662,0.002626,0.000499,-0.005441,0.00419,0.003012,0.001078

Levant:SI-
39,0.126344,0.135065,0.053174,0.041344,0.036007,0.013666,0.00188,0.00923,0.004295,0.006378,
-0.005846,0.005395,-0.008325,0.004129,0.013979,-0.016839,-0.011474,-0.00266,-
0.001885,0.007504,0.011605,0.015828,-0.003328,0.001687,0.000479

Levant:SI-47,0.129758,0.133034,0.062225,0.028747,0.036314,0.011156,-
0.003055,0.008307,0.009408,0.000911,-0.006008,0.009442,-0.006095,-
0.015001,0.015065,0.00305,0.000782,-0.009502,-0.006536,-0.004127,0.003119,0.004699,-
0.000493,-0.005904,0.003592

Levant:SI-44,0.102441,0.155376,-0.044123,-0.082688,-0.000615,-0.026495,-0.00611,-0.018922,-
0.00225,0.021139,0.01023,-0.004196,0.004608,-0.001514,-0.013029,0,-0.00013,-
0.000253,0.010936,-0.007253,-0.005865,-0.007914,0.002218,-0.009519,0.005389

Levant:SI-53,0.1161,0.14319,-0.003394,-0.025194,0.00954,-0.006136,0.003525,-0.002308,-
0.009204,0.007289,-0.000812,0.005095,-0.010704,-0.008257,-0.008279,0.000663,0.005215,-
0.000507,0.003771,-0.005253,0.004866,-0.001731,0.003944,0.007832,-0.003592

Levant:I4517,0.084229,0.150298,-0.060716,-0.091409,-0.014464,-0.044623,-0.00517,-
0.005077,0.011658,0.006014,0.012179,-0.007343,0.019177,0.006193,-0.002307,0.002254,-
0.026207,0.005828,0.00729,-0.005753,0.001622,-0.002226,-0.006162,-0.000843,-0.005987

Levant:I4521,0.078538,0.152329,-0.058077,-0.112405,0.001846,-0.044344,-0.01034,-
0.009,0.030883,0.00164,0.012829,-0.013038,0.026016,-0.001651,-0.008686,0.013259,-
0.005085,0.008868,-0.000126,0.001751,-0.000624,0.006059,-0.008134,0.000241,-0.004431

LevantA:I2189,0.100164,0.14319,-0.021496,-0.02584,-0.030775,-0.007809,0.009165,-0.006231,-
0.026384,-0.006743,0.011205,-0.013338,0.024975,0.005505,-0.008143,-0.00769,-
0.02047,0.01723,0.013575,0.013882,-0.012478,-0.001237,-0.007518,-0.003374,-0.005389

Levant:I2200,0.095611,0.127957,-0.033187,-0.037791,-0.022773,-0.005857,-0.001175,-0.007384,-
0.018407,-0.004738,0.008931,-0.001349,0.009068,0.003165,0.00095,-0.002254,-
0.015385,0.004687,0.003771,-0.002251,0.004991,0.008779,0,-0.003374,0.000359

Levant:I10100,0.103579,0.109677,-0.032432,-0.001292,-0.023081,-0.009482,0.004935,-0.011769,-
0.028633,-0.013121,0.006171,-0.007793,0.003568,-0.013074,0.019001,0.0118,-
0.002086,0.006588,0.018855,0.003502,-0.006738,0.014467,0.001479,-0.000361,-0.001437

LevantA:I10092,0.087644,0.145221,-0.054682,-0.106591,0.000308,-0.046296,-0.00658,-
0.009692,0.023725,0.014032,0.009906,-0.009292,0.028394,0.004954,-0.011401,-0.001591,-
0.007823,0.009882,0.005531,0.005127,0.00836,0.011994,-0.006162,0.003012,-0.005987

Levant:I10093,0.079676,0.145221,-0.064865,-0.109175,-0.011694,-0.04267,-0.00705,-
0.006461,0.031497,0.002369,0.012666,-0.019183,0.038354,0.005505,0.002714,0.006232,-
0.003129,0.005194,-0.001634,0.011506,0.005615,0.007048,-0.011092,-0.00482,-0.006706

Levant:I10097,0.083091,0.151314,-0.061471,-0.103683,-0.013233,-0.033467,-0.00282,-
0.006231,0.018612,0.011663,0.015752,-0.007493,0.019326,-0.003716,-
0.010179,0.019093,0.015255,0.001267,0.01081,0.02151,0.00262,0.010634,0.000123,0.002651,-
0.000838

Levant:I10099,0.086506,0.14319,-0.063356,-0.100453,-0.017542,-0.028168,-0.00376,-
0.007384,0.011249,0.007836,0.009743,-0.012589,0.01219,0.003991,-0.002172,-0.003447,-
0.020992,-0.000127,0.003142,0.001626,-0.003619,0.008037,0.002342,0.003856,-0.003952

Levant:I10104,0.093335,0.146236,-0.07203,-0.102714,-0.022466,-0.032072,-0.015981,-
0.021922,0.026384,0.01221,0.007632,-0.020981,0.026462,0.002752,-0.015065,-0.0118,-
0.031553,0.015076,0.001508,0.016258,0.010606,-0.009027,-0.016762,-0.001446,-0.007424

Levant:I10106,0.086506,0.138112,-0.075424,-0.108852,-0.014156,-0.047969,-0.001645,-
0.018461,0.007158,0.005649,0.012342,-0.007493,0.028989,0.00055,-0.012351,0.00053,-
0.017602,0.009502,-0.002765,0.006253,-0.008735,0.000371,-0.007641,0.004458,0.006347

Levant:I10264,0.080814,0.15436,-0.076933,-0.102714,-0.018773,-0.052431,-0.008695,-
0.002538,0.01268,-0.005467,0.010718,-0.006744,0.038652,0.000826,-
0.002714,0.03023,0.017471,0.011909,0.003268,0.01138,0.004866,0.009027,-0.009613,0.00241,-
0.001197

Levant:I10266,0.09675,0.135065,-0.062602,-0.091086,-0.016311,-0.029841,0.000705,-
0.016384,0.002454,0.017677,0.016564,0.008542,0.010406,-0.00289,-
0.00855,0.015115,0.01356,0.004687,0.010559,0.023386,0.006738,0.010387,0.007395,-
0.003976,0.000359

Levant:I10268,0.08992,0.146236,-0.057699,-0.101422,-0.009848,-0.048248,-0.007285,-
0.005769,0.022089,0.008747,0.01494,-0.012439,0.020961,0.006055,-0.004886,-0.004508,-
0.017602,0.00076,0.007668,0.004877,0.005241,0.005193,-0.002218,-0.011688,-0.00491

Levant:I2190,0.085367,0.141159,-0.074293,-0.07429,-0.01231,-0.037092,-0.001645,-
0.008538,0.003068,0.000182,0.011367,-0.013938,0.028989,-0.007432,-0.000271,0.012331,-
0.014081,0.019763,0.013575,0.001251,0.000125,0.004204,-0.005669,-0.013375,0.000239

Levant:I2195,0.084229,0.140143,-0.064111,-0.096577,-0.020927,-0.033746,-0.0047,-
0.008769,0.006954,0.011299,0.01088,-0.003897,0.020367,0.010322,-0.010586,0.003315,-
0.004955,0.006588,0.011564,-0.007379,0.001497,0.002102,-0.007641,0.003374,0.007424

Levant:I2198,0.078538,0.144205,-0.051288,-0.093993,-0.015387,-0.035698,-0.003525,-
0.007846,0.006136,0.00893,0.004384,0.001199,0.019772,0.015276,-

0.007057,0.017369,0.017863,0.001014,0.002388,0.003001,0.005366,-0.005193,-0.007272,-
0.008555,-0.005269

Levant:I4518,0.080814,0.148267,-0.061848,-0.111759,-0.010771,-0.038487,-0.000235,-
0.015922,0.007567,0.004009,0.003248,-0.016335,0.021704,0.003991,-
0.015201,0.010077,0.001173,-0.005574,-0.000628,0.004002,0.003868,-0.00136,-0.00493,0.002892,-
0.001557

Levant:I4519,0.093335,0.151314,-0.065242,-0.109821,-0.020619,-0.042949,-0.014336,-
0.003923,0.006749,0.025513,0.006171,-0.001499,0.006987,0.006606,-0.007193,-0.013789,-
0.008736,-0.003927,0.011816,0.004002,0.003494,-0.002226,-0.00493,-0.012411,0.006586

Levant:I4525,0.091058,0.14319,-0.05242,-0.104006,-0.011387,-0.038766,-0.008225,-
0.021691,0.014112,0.000911,0.009581,-0.004196,0.015758,-0.002752,-0.011129,0.000796,-
0.001695,-0.002407,-0.007416,0.014382,0.011605,0.007296,-0.001602,0.009278,-0.001557

Levant:I8187,0.084229,0.148267,-0.060716,-0.10756,-0.010463,-0.036814,-0.00235,-
0.015461,0.016771,0.013303,0.006496,-0.015586,0.030624,0.007294,-0.00665,-0.006099,-
0.010431,0.005954,0.000377,0.014007,0.007362,0.008903,-0.010969,-0.005784,-0.000718

Levant:I8188,0.080814,0.160454,-0.07467,-0.099161,-0.008309,-0.040997,-0.00611,-
0.016845,0.030679,0.008201,0.011367,-0.004946,0.019326,0.00812,-0.002036,-
0.004243,0.009648,0.001267,0.002011,-0.004252,0.008235,-0.005812,0.002958,-0.012773,-
0.012454

Levant:S10768,0.092197,0.147252,-0.055437,-0.085595,-0.013541,-0.039602,-0.009165,-
0.006231,0.01718,0.01057,0.014777,-0.016036,0.021853,-0.004817,-0.001493,-0.003182,-
0.001956,-0.003801,-0.005028,0.020635,0.005865,-0.003462,-0.005053,0.005543,-0.00946

Levant:S10769,0.080814,0.137096,-0.07203,-0.10013,-0.01908,-0.042391,-0.00376,0.000692,-
0.000205,0.007107,0.006333,-0.008542,0.020367,-0.003165,-
0.009365,0.025988,0.008214,0.004307,0.002137,0.003502,0.016845,0.009027,-0.014297,-
0.002048,0.003353

Levant:S10770,0.085367,0.13405,-0.073539,-0.0969,-0.023081,-0.041555,0.00564,-0.005077,-
0.003477,0.011116,0.018837,-0.013338,0.01888,-0.009083,-
0.009093,0.018828,0.005998,0.001014,0.001383,-0.005753,0.005116,0.004946,-0.000493,-
0.001566,0.00012

Levant:S10771,0.087644,0.156392,-0.062225,-0.097869,-0.016926,-
0.039324,0.00611,0.000231,0.014521,0.011845,0.003573,-0.001499,0.011596,-0.000138,-
0.008958,0.002387,-0.000913,0.006208,0.007039,0.005253,-0.001248,0.013973,-0.000123,-
0.012291,0.007305

Cushitic:I13982_new,-0.53383,0.043668,-0.00264,0.00646,0.001231,-0.008088,0.100115,-
0.08192,0.061766,-0.058316,-0.01088,-0.01154,-0.023488,0.003853,0.015336,-
0.017369,0.016559,0.070059,-0.014204,-0.003126,-0.008984,0.00272,-0.013064,-
0.009037,0.002515

Cushitic:I8821,-0.537245,0.042652,0.001886,0.00646,0.003077,-0.002789,0.11163,-
0.086073,0.059925,-0.057222,-0.011854,-0.002098,-0.026313,-0.004954,0.016151,-
0.012331,0.026468,0.07576,-0.021871,-0.003126,-0.009358,0.000247,-0.005423,-
0.004579,0.000239

Cushitic:I3726,-0.303908,0.087336,-0.022627,-0.066861,0.005539,-0.035419,0.00141,-
0.018692,0.111465,-0.075992,-0.006333,-0.005395,0.001635,0.001789,0.022122,-
0.012198,0.020731,0.013682,0.000754,-0.004877,0.003244,-0.001978,-0.006655,0.00494,0.001078

Cushitic:I2298,-0.616921,0.066009,0.021119,0.011305,0.004001,0.013108,-0.00987,0.016153,-
0.020248,0.002187,0.000812,0.007943,-0.014717,0.003165,-0.019272,0.005304,-
0.014212,0.00266,-0.006034,0.006503,0.004118,0.003957,0.001849,0.005663,0.003233

Cushitic:I13978,-0.277728,0.092413,-0.015085,-0.074936,0.005847,-0.032909,0.002585,-
0.013846,0.121078,-0.074717,-0.008607,-0.019033,0.014717,-0.001376,0.028773,-
0.012198,0.012256,0.006968,0.001634,-0.001876,0.001497,-0.000866,-0.003821,-0.007591,-
0.005389

Cushitic:I13762,-0.286834,0.096475,-0.031678,-0.076551,0.005847,-0.03765,-0.013161,-
0.003461,0.128032,-0.072894,-0.007795,3e-04,-0.000297,-0.00812,0.031623,-
0.018297,0.020731,0.009882,0.009804,-0.000375,-0.001497,0.004328,0.001725,-0.002771,-
0.002754

Cushitic:I13977,-0.293664,0.101553,-0.038089,-0.086564,0.004616,-0.041555,-0.015041,-
0.004384,0.129873,-0.075081,-0.003897,-0.002098,0.003419,-0.007294,0.021851,-
0.008353,0.023469,-0.002534,-0.003142,-0.001501,0.000125,0.006801,-0.000616,-0.013857,-
0.006586

Cushitic:I13979,-0.292525,0.099522,-0.024513,-0.08075,0.000923,-0.038766,-0.00846,-
0.003461,0.118215,-0.082553,-0.006008,-0.008093,0.001338,-0.009771,0.030809,-
0.010607,0.014994,0.003547,0.006034,-0.012006,0.001123,0.008903,-0.00493,-0.001687,-0.008861

Cushitic:I13980,-0.286834,0.098506,-0.020365,-0.085595,0.003693,-0.030678,-
0.016216,0.002538,0.127214,-0.076539,-0.005196,-0.010191,-0.001635,-0.003165,0.023072,-
0.017104,0.022165,0.007728,0.00993,0.002376,0.003868,0.003215,-0.006162,-0.005061,-0.002036

Cushitic:I13981,-0.301631,0.1046,-0.029038,-0.07752,0.005847,-0.04518,-
0.014571,0.005769,0.122101,-0.083829,-0.011205,0.005545,-0.00223,-0.011285,0.021851,-
0.017634,0.031683,-0.00076,-0.007542,-0.000875,0.006613,-0.003833,-0.000739,-0.009158,-
0.008263

UGA_Munsa_500BP:MUN001,-0.623751,0.063978,0.012445,0.011951,-0.000308,0.017291,-
0.014336,0.01523,-0.015135,-0.002369,0.001299,0.013638,-0.018731,0.007432,-
0.033116,0.013126,-0.02386,-0.001394,-0.016844,0.014882,-
0.001248,0.002844,0.001972,0.006627,-0.003113

Dinka:B_Dinka-3,-0.577083,0.051792,-0.001886,-0.006137,-0.005539,-0.003626,-
0.015041,0.018922,0.077719,-0.096767,-0.025008,0.019183,-0.040882,-0.001789,0.008822,-
0.015911,0.021644,-0.009755,0.022877,-0.025262,0.001622,0.002844,-
0.001109,0.003856,0.006466

Dinka:Dinka1,-0.574807,0.045699,0,-0.007429,-0.00277,0.002231,-0.020211,0.020538,0.086105,-
0.09859,-0.016076,0.027575,-0.039395,-0.001239,0.011808,-0.02559,0.01343,-0.013049,0.028911,-
0.024262,0.003993,0.001237,0.008011,0.005422,0.009939

Dinka:Dinka2,-0.578221,0.053823,-0.003771,-0.008075,-0.010156,-0.003347,-
0.014806,0.020768,0.084264,-0.096585,-0.028256,0.025627,-0.036273,-0.003578,0.005836,-

0.021745,0.03064,-0.007728,0.021871,-0.025512,-0.001248,0.002968,-0.000493,-
0.000843,0.010059

Dinka:Dinka3,-0.578221,0.051792,0.004148,-0.008398,-0.003077,-0.001952,-
0.020681,0.021461,0.076492,-0.095856,-0.01494,0.018583,-0.036719,0.001927,0.014115,-
0.022142,0.008736,-0.007221,0.023128,-0.021635,0.005241,0.006183,-0.000493,-0.00482,0.012334

EGY:JK2888,0.040976,0.159438,-0.055437,-0.102068,0,-0.060798,-0.023266,-
0.008307,0.048472,0.007472,0.015427,-0.019782,0.034341,-0.004129,0.00475,-0.015646,-
0.024121,0.007348,-0.005028,-0.00025,-0.004617,0.008285,-0.012571,0.005302,-0.005987

EGY:JK2134,0.046667,0.152329,-0.037712,-0.121126,0,-0.054384,-0.010575,-
0.006231,0.048472,0.007289,0.000162,-0.010191,0.026164,0.000138,0,-0.008486,-0.007953,-
0.005194,-0.00176,0.006878,0.005989,0.001237,0.005053,0.013134,0.006227

EGY:JK2911,0.053497,0.141159,-0.04714,-0.115635,-0.004001,-0.04518,-0.020681,-
0.003231,0.046427,0.005103,0.017863,-0.012739,0.0333,-0.011836,-0.001629,0.004375,-
0.00691,0.001267,-0.005279,0.017133,0.005241,0.002102,0.002218,-0.005302,-0.007424