Plot()

{

Outlier\_Model("Charcoal",Exp(1,-10,0),U(0,3),"t");

Outlier\_Model("SL",T(5),U(0,4),"t");

Outlier\_Model("SSimple",N(0,2),0,"s");

Sequence("Mezber")

{

Boundary("Start",U(-1700,950));

Phase("Initial")

{

R\_Date("C2 L35 P102 #4351 Beta-378045", 3290, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("E1 L32 P46 #3235 Beta-378046", 3100, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C2 L33 P98 #3808 Beta-378041", 3020, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L50 P99 #4361 Beta-378043", 2910, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L68 P147 #2068 Beta-378038", 2920, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L22 P41 #1158 Beta-298138", 2870, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("B2 L16 P32, #106 TO-13661", 2790, 50)

{

Outlier("Charcoal", 1);

};

R\_Date("C2 L30 P97 #4220 Beta-422626", 2810, 30)

{

Outlier("SL", 0.05);

color="green";

};

R\_Date("C1 L50 P97 #3815 Beta-421814", 2770, 30)

{

Outlier("SL", 0.05);

color="green";

};

Date("Initial Phase Date Estimate")

{

color="Blue";

};

Interval ("Duration Initial");

};

Boundary("End Initial");

Interval ("Duration Gap Archaic-Early");

Boundary ("Start Early");

Phase("Early Phase")

{

//R\_Date("A2 L44 P162 #3684 Beta-378040 CHAR RESIDUAL?", 3190, 30);

//Probability ~0% of being in the Sequence in initial run

R\_Date("A1 L67 P145 #1904 Beta-266014", 2620, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L61 P115 #1589 Beta-266012", 2700, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("E1 L27 P36 #2785 Beta-378048", 2540, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L47 P106 #1116 Beta-378044", 2590, 30)

{

Outlier("SL", 0.05);

color="green";

};

R\_Date("A2 L26 P40 #1268 Beta-266010", 2550, 40)

{

Outlier("SL", 0.05);

color="green";

};

//R\_Date("B2 L13 P30 #10 Beta-298132 CHAR INTRUSIVE?",2400, 30);

//Probability ~1/2% of being in the Sequence in initial run

Date("Early Phase Date Estimate")

{

color="Blue";

};

Interval ("Duration Early");

};

Boundary ("End Early");

Interval("Duration Gap Early-Middle");

Boundary ("Beginning Middle");

Phase("Middle Phase")

{

//R\_Date("E1 L25 P29 #2734 Beta-378047 CHAR RESIDUAL?", 2650, 30);

//Probability ~0% of being in the Sequence in initial run

R\_Date("A3 L11 P15 #1949 Beta-266018", 2470, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("A2 L28 P47 #2018 Beta-266016", 2450, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L29 P65 #940 Beta-378039", 2430, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L36 P71 #3179 Beta-378042", 2390, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L73 P155 #2111 Beta-266013", 2380, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L20 P40 #1152 Beta-298137", 2370, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("E1 L12 P15 #1970 Beta-266011", 2430, 40)

{

Outlier("SL", 0.05);

color="green";

};

R\_Date("B2 L4 P17 #73 TO-13659", 2400, 50)

{

Outlier("SL", 0.05);

color="green";

};

R\_Date("C1 L17 P42 #1164 Beta-266009", 2390, 40)

{

Outlier("SL", 0.05);

color="green";

};

Date("Middle Phase Date Estimate")

{

color="Blue";

};

Interval ("Duration Middle");

};

Boundary("End Middle");

Interval("Duration Gap Middle-Late");

Boundary ("Beginning Late");

Phase("Late Phase")

{

R\_Date("A2 L25 P38 #1257 Beta-266017", 2310, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("B2 L7 P27 #9 Beta-298131", 2290, 30)

{

Outlier("Charcoal", 1);

};

//R\_Date("B2 L2 P10 #49 TO-13660 BONE RESIDUAL?", 2960, 60);

//Probability ~0% of being in the Sequence in initial run

R\_Date("A2 L38 P73 #2255 Beta-266015", 2230, 40)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L17 P34 #719 Beta-298136", 2170, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L8 P14 #400 Beta-298135", 2260, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L3 P7 #372 Beta-298134", 2160, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("C1 L3 P9 #378 Beta-298133", 2090, 30)

{

Outlier("Charcoal", 1);

};

R\_Date("A1 L10 P52 #103 TO-13662", 1980, 50)

{

Outlier("Charcoal", 1);

};

Date("Late Phase Date Estimate")

{

color="Blue";

};

Interval ("Duration Late");

};

Boundary("End Late");

Interval ("Duration Late to Post-Occupational");

Boundary ("Start Post-Occupational");

Phase("Post-Occupational Phase")

{

R\_Combine("Individual 4")

{

Outlier("SL",0.05);

color="green";

R\_Date("C2 L12 P31 Ind4 MAMS-19848", 1300, 18)

{

Outlier ("SSimple",0.05);

};

R\_Date("C2 L12 P31 Ind4 MAMS-19847", 1278, 18)

{

Outlier ("SSimple",0.05);

};

};

R\_Combine ("Individuals 1-3")

{

Outlier("SL",0.05);

color="green";

R\_Date("C2 L2 P6 Ind1 MAMS-19844", 1227, 20)

{

Outlier ("SSimple",0.05);

};

R\_Date("C2 L2 P6 Ind2 MAMS-19845", 1219, 17)

{

Outlier ("SSimple",0.05);

};

R\_Date("C2 L2 P6 Ind3 MAMS-19846", 1212, 19)

{

Outlier ("SSimple",0.05);

};

};

Date("Post-Occupational Phase Date Estimate")

{

color="Blue";

};

Interval ("Duration Post-Occupational");

};

Boundary("End Post-Occupational",U(-1700,950));

};

};