**Bayesian Model 3**

**Deposit B7**



**OxCal Model Code:**

Plot()

 {

 Sequence(Deposit B7)

 {

 Boundary("begin terminalplaza");

 R\_Date("TerminalPlazaB", 1230, 15);

 Boundary("EndPlaza");

 Boundary("Plaza-Deposition");

 Interval("Construction-Deposition");

 Phase("1st-deposition")

 {

 R\_Date("BKP47", 1235, 20);

 R\_Date("BKP50", 1245, 20);

 R\_Date("BKP49", 1250, 20);

 R\_Date("BKPF5", 1250, 20);

 R\_Date("BKPF6", 1255, 20);

 R\_Date("BKPF7", 1260, 20);

 };

 Boundary("Boundary upper-lower");

 Boundary("Upper-Second");

 Interval("Final-Second");

 After( )

 {

 C\_Date("Long Count", 812,0);

 };

 Boundary("upper-B7-begin");

 Phase("2nd-deposition")

 {

 R\_Date("BKPF9", 1195, 20);

 R\_Date("BKPF8", 1210, 20);

 };

 Boundary("upper-B7-end");

 };

 };

**Deposit B15-1**



**OxCal Model Code:**

Plot()

 {

 Sequence(Deposit B15)

 {

 Boundary("begin terminal courtyard");

 R\_Date("TerminalCourt", 1270, 15);

 Boundary("courtyard-end");

 Phase("B15 Marl Level")

 {

 R\_Date("BKPF16", 1230, 20);

 R\_Date("BKPF23", 1235, 20);

 R\_Date("BKPF15", 1240, 20);

 };

 Boundary("Marl-Middle");

 Interval("Marl");

 Boundary("Deposit middle begin");

 Phase("Middle")

 {

 R\_Date("BKPF12", 1235, 20);

 R\_Date("BKPF14", 1240, 20);

 R\_Date("BKPF13", 1245, 20);

 };

 Boundary("Middle-End");

 Interval("Middle");

 Boundary("Middle end");

 After( )

 {

 C\_Date("CalendarRound", 820,0);

 };

 Boundary("begin upper deposit");

 Phase("Upper-deposit")

 {

 R\_Date("BKPF22", 1215, 20);

 R\_Date("BKPF11", 1215, 20);

 R\_Date("BKPF21", 1225, 20);

 };

 Boundary("End");

 Interval("Int-End");

 Boundary("end upper deposit");

 };

 };

**Deposit B2-1**



**OxCal Model Code:**

Plot()

 {

 Sequence("Deposit B2")

 {

 Boundary("Begin terminal plaza B2");

 R\_Date("TerminalPlaza", 1230, 15);

 Boundary("TermPlaza-Burial");

 Interval("terminal");

 Boundary("end-plaza");

 R\_Date("Burial 3 Plaza B", 1270, 15);

 Boundary("Burial-Matrix");

 Interval("matrix-deposition");

 Boundary("end-matrix");

 Phase("lower-deposit")

 {

 R\_Date("BKPF17", 1245, 20);

 R\_Date("BKPF19", 1285, 20);

 };

 Boundary("Matrix-upper");

 Interval("mx-up");

 Boundary("upper-begin");

 R\_Date("BKPF18", 1200, 20);

 Boundary("upper-end");

 Interval("final");

 Boundary("upper-deposit-end");

 };

 };