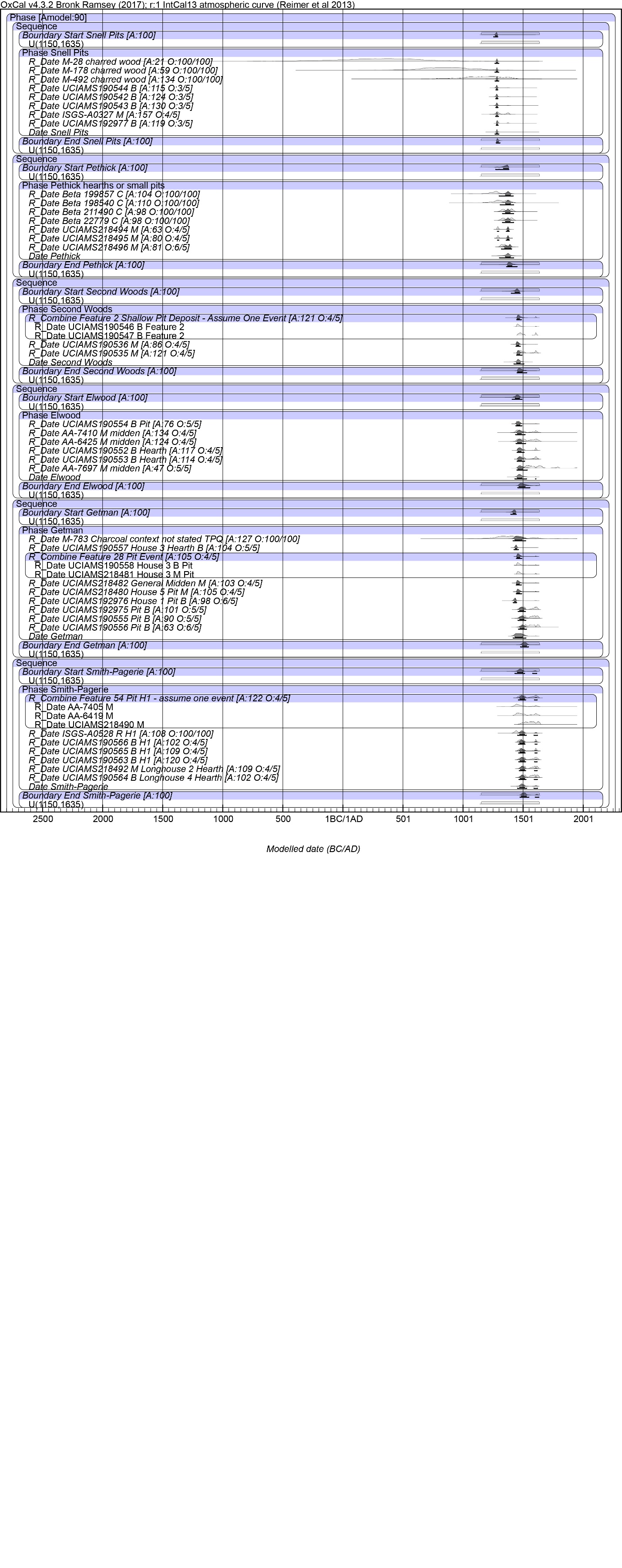
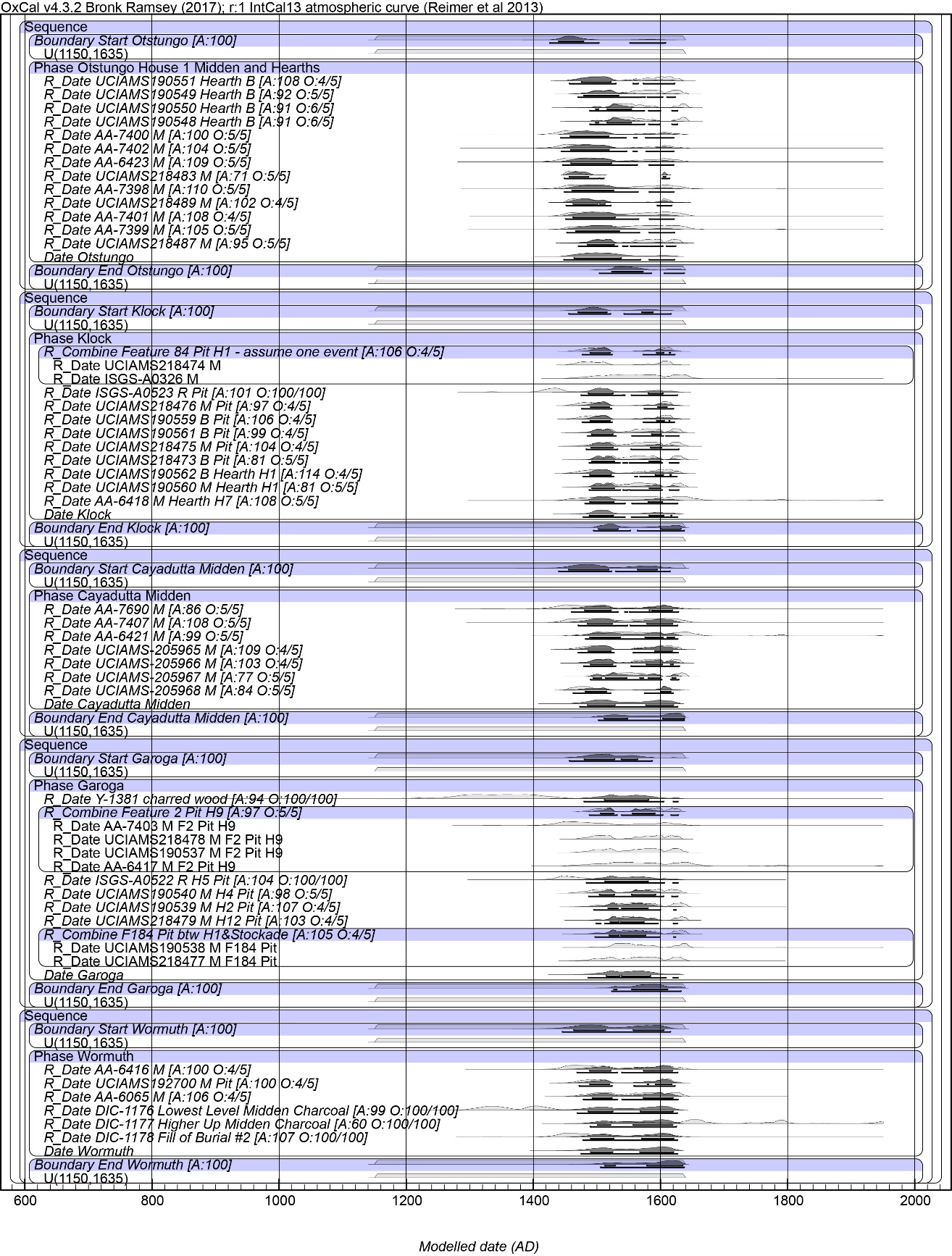
**S5 File. Table of results from Model 2 with 0-120 calendar years uniform probability constraint on an Interval query for each site Phase and Figures (part 1 and part 2) showing the results.** Example of a run of Model 2 with good Amodel (89.8) and Aoverall (83.8) values. Unmodelled results are the individual calibrated ranges for the samples (68.2% and 95.4% probability). Modelled results are after applying the model, results are 68.2% hpd and 95.4% hpd. A = OxCal Agreement index value (should be above 60 if data agree with model), C = OxCal Convergence value (should be ≥95).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Unmodelled (BC/AD)** | | | | | | **Modelled (BC/AD)** | | | | | |  |  |
|  | ***from*** | ***to*** | ***%*** | ***from*** | ***to*** | ***%*** | ***from*** | ***to*** | ***%*** | ***from*** | ***to*** | ***%*** | ***A*** | ***C*** |
| **Outlier\_Model General** |  |  |  |  |  |  | -9 | 9 | 68.2 | -50 | 54 | 95.4 |  | 100 |
| **T(5)** | -1.135 | 1.135 | 68.2 | -2.65 | 2.65 | 95.4 |  |  |  |  |  |  |  | 99.9 |
| **U(0,4)** | 3.99E-17 | 4 | 68.2 | 3.99E-17 | 4 | 95.4 | 5.38E-17 | 1.168 | 68.2 | 5.38E-17 | 2.3 | 95.4 | 100 | 99.6 |
| **Outlier\_Model Charcoal** |  |  |  |  |  |  | -107 | -3 | 68.2 | -277 | -2 | 95.4 |  | 99.9 |
| **Exp(1,-10,0)** | -1.24 | -0.05 | 68.2 | -3.18 | -0.05 | 95.4 |  |  |  |  |  |  |  | 100 |
| **U(0,3)** | 2.21E-17 | 3 | 68.2 | 2.21E-17 | 3 | 95.4 | 1.791 | 2.136 | 68.2 | 1.587 | 2.316 | 95.4 | 100 | 98 |
| **Outlier\_Model SSimple** |  |  |  |  |  |  | -29 | 32 | 68.2 | -69 | 109 | 95.4 |  | 99.9 |
| **N(0,2)** | -2.04 | 2.04 | 68.2 | -4 | 4 | 95.4 |  |  |  |  |  |  |  | 100 |
| **Phase** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Snell Pits** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1270 | 1285 | 68.2 | 1256 | 1290 | 95.4 | 100 | 99.7 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Snell Pits** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date M-28 charred wood** | 21 | 657 | 68.2 | -377 | 963 | 95.4 | 1278 | 1288 | 68.2 | 1267 | 1298 | 95.4 | 21.4 | 99.8 |
| **R\_Date M-178 charred wood** | 657 | 1028 | 68.2 | 434 | 1256 | 95.4 | 1278 | 1288 | 68.2 | 1267 | 1298 | 95.4 | 59 | 99.8 |
| **R\_Date M-492 charred wood** | 1025 | 1390 | 68.2 | 769 | 1484 | 95.4 | 1278 | 1288 | 68.2 | 1267 | 1299 | 95.4 | 134.3 | 99.8 |
| **R\_Date UCIAMS190544 B** | 1276 | 1286 | 68.2 | 1270 | 1292 | 95.4 | 1279 | 1286 | 68.2 | 1274 | 1290 | 95.4 | 115.4 | 99.9 |
| **R\_Date UCIAMS190542 B** | 1274 | 1288 | 68.2 | 1264 | 1297 | 95.4 | 1278 | 1286 | 68.2 | 1273 | 1291 | 95.4 | 124.1 | 99.8 |
| **R\_Date UCIAMS190543 B** | 1275 | 1289 | 68.2 | 1266 | 1378 | 95.4 | 1279 | 1287 | 68.2 | 1274 | 1292 | 95.4 | 129.5 | 99.9 |
| **R\_Date ISGS-A0327 M** | 1272 | 1383 | 68.2 | 1258 | 1392 | 95.4 | 1279 | 1288 | 68.2 | 1272 | 1296 | 95.4 | 156.8 | 99.8 |
| **R\_Date UCIAMS192977 B** | 1281 | 1295 | 68.2 | 1277 | 1381 | 95.4 | 1280 | 1288 | 68.2 | 1277 | 1293 | 95.4 | 119.1 | 99.7 |
| **Interval Interval Snell** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 16 | 68.2 | 0 | 43 | 95.4 | 100 | 99.1 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Snell Pits** |  |  |  |  |  |  | 1278 | 1288 | 68.2 | 1267 | 1299 | 95.4 |  | 99.8 |
| **Boundary End Snell Pits** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1281 | 1295 | 68.2 | 1277 | 1308 | 95.4 | 100 | 99.5 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Pethick** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1338 | 1377 | 68.2 | 1273 | 1382 | 95.4 | 100 | 99.6 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Pethick hearths or small pits** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date Beta 199857 C** | 1219 | 1383 | 68.2 | 1161 | 1398 | 95.4 | 1355 | 1395 | 68.2 | 1302 | 1419 | 95.4 | 104.1 | 99.9 |
| **R\_Date Beta 198540 C** | 1266 | 1396 | 68.2 | 1188 | 1432 | 95.4 | 1356 | 1395 | 68.2 | 1310 | 1422 | 95.4 | 110.4 | 99.9 |
| **R\_Date Beta 211490 C** | 1318 | 1419 | 68.2 | 1301 | 1433 | 95.4 | 1354 | 1391 | 68.2 | 1329 | 1421 | 95.4 | 97.8 | 99.8 |
| **R\_Date Beta 22779 C** | 1318 | 1419 | 68.2 | 1301 | 1433 | 95.4 | 1354 | 1391 | 68.2 | 1329 | 1421 | 95.4 | 97.8 | 99.9 |
| **R\_Date UCIAMS218494 M** | 1283 | 1377 | 68.2 | 1279 | 1384 | 95.4 | 1369 | 1381 | 68.2 | 1286 | 1386 | 95.4 | 62.6 | 99.9 |
| **R\_Date UCIAMS218495 M** | 1285 | 1379 | 68.2 | 1280 | 1385 | 95.4 | 1369 | 1381 | 68.2 | 1288 | 1387 | 95.4 | 79.9 | 99.9 |
| **R\_Date UCIAMS218496 M** | 1314 | 1398 | 68.2 | 1302 | 1407 | 95.4 | 1347 | 1398 | 68.2 | 1321 | 1405 | 95.4 | 80.5 | 99.7 |
| **Interval Interval Pethick** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 64 | 68.2 | 0 | 120 | 95.4 | 100 | 99.1 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Pethick** |  |  |  |  |  |  | 1354 | 1394 | 68.2 | 1304 | 1423 | 95.4 |  | 99.9 |
| **Boundary End Pethick** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1373 | 1407 | 68.2 | 1363 | 1450 | 95.4 | 100 | 99.6 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Second Woods** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1434 | 1469 | 68.2 | 1402 | 1475 | 95.4 | 100 | 99.9 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Second Woods** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Combine Feature 2 Shallow Pit Deposit - Assume One Event** | 1452 | 1481 | 68.2 | 1447 | 1615 | 95.4 | 1452 | 1470 | 68.2 | 1448 | 1486 | 95.4 | 120.5 | 99.9 |
| **R\_Date UCIAMS190546 B Feature 2** | 1448 | 1468 | 68.2 | 1443 | 1607 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS190547 B Feature 2** | 1458 | 1614 | 68.2 | 1451 | 1618 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS190536 M** | 1443 | 1459 | 68.2 | 1438 | 1475 | 95.4 | 1447 | 1465 | 68.2 | 1442 | 1478 | 95.4 | 86.3 | 99.9 |
| **R\_Date UCIAMS190535 M** | 1453 | 1615 | 68.2 | 1447 | 1620 | 95.4 | 1452 | 1473 | 68.2 | 1447 | 1492 | 95.4 | 120.5 | 99.9 |
| **Date Second Woods** |  |  |  |  |  |  | 1448 | 1476 | 68.2 | 1424 | 1507 | 95.4 |  | 99.9 |
| **Interval Interval Second Woods** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 47 | 68.2 | 0 | 100 | 95.4 | 100 | 99.2 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Boundary End Second Woods** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1456 | 1493 | 68.2 | 1450 | 1531 | 95.4 | 100 | 99.9 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Elwood** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1437 | 1470 | 68.2 | 1409 | 1491 | 95.4 | 100 | 99.9 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Elwood** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS190554 B Pit** | 1442 | 1464 | 68.2 | 1436 | 1606 | 95.4 | 1448 | 1474 | 68.2 | 1441 | 1491 | 95.4 | 75.6 | 99.9 |
| **R\_Date AA-7410 M midden** | 1436 | 1617 | 68.2 | 1421 | 1634 | 95.3 | 1453 | 1486 | 68.2 | 1438 | 1517 | 95.4 | 133.9 | 99.9 |
| **R\_Date AA-6425 M midden** | 1447 | 1621 | 68.2 | 1440 | 1636 | 95.4 | 1455 | 1488 | 68.2 | 1442 | 1521 | 95.4 | 123.8 | 99.9 |
| **R\_Date UCIAMS190552 B Hearth** | 1455 | 1610 | 68.2 | 1449 | 1617 | 95.4 | 1459 | 1484 | 68.2 | 1450 | 1509 | 95.4 | 117.2 | 99.9 |
| **R\_Date UCIAMS190553 B Hearth** | 1462 | 1616 | 68.2 | 1451 | 1630 | 95.4 | 1459 | 1488 | 68.2 | 1451 | 1514 | 95.4 | 114 | 99.9 |
| **R\_Date AA-7697 M midden** | 1517 | 1660 | 68.2 | 1463 | ... | 95.4 | 1458 | 1496 | 68.2 | 1449 | 1535 | 95.4 | 47.3 | 99.9 |
| **Date Elwood** |  |  |  |  |  |  | 1453 | 1491 | 68.2 | 1432 | 1607 | 95.4 |  | 99.9 |
| **Interval Interval Elwood** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 62 | 68.2 | 0 | 108 | 95.4 | 100 | 99.6 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Boundary End Elwood** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1468 | 1517 | 68.2 | 1457 | 1556 | 95.4 | 100 | 99.8 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Getman** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1417 | 1437 | 68.2 | 1398 | 1444 | 95.4 | 100 | 99.9 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Getman** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date M-783 Charcoal context not stated TPQ** | 1266 | 1609 | 68.2 | 1057 | 1663 | 95.4 | 1433 | 1491 | 68.2 | 1417 | 1522 | 95.4 | 127.4 | 99.7 |
| **R\_Date UCIAMS190557 House 3 Hearth B** | 1435 | 1448 | 68.2 | 1424 | 1457 | 95.4 | 1436 | 1449 | 68.2 | 1426 | 1461 | 95.4 | 103.5 | 99.8 |
| **R\_Combine Feature 28 Pit Event** | 1449 | 1473 | 68.2 | 1445 | 1609 | 95.4 | 1450 | 1472 | 68.2 | 1445 | 1489 | 95.4 | 104.5 | 99.6 |
| **R\_Date UCIAMS190558 House 3 B Pit** | 1449 | 1472 | 68.2 | 1444 | 1609 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS218481 House 3 M Pit** | 1450 | 1477 | 68.2 | 1445 | 1614 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS218482 General Midden M** | 1448 | 1468 | 68.2 | 1443 | 1607 | 95.4 | 1448 | 1468 | 68.2 | 1443 | 1486 | 95.4 | 103.1 | 99.6 |
| **R\_Date UCIAMS218480 House 5 Pit M** | 1449 | 1472 | 68.2 | 1444 | 1609 | 95.4 | 1449 | 1471 | 68.2 | 1445 | 1489 | 95.4 | 105.3 | 99.6 |
| **R\_Date UCIAMS192976 House 1 Pit B** | 1424 | 1438 | 68.2 | 1417 | 1443 | 95.4 | 1429 | 1441 | 68.2 | 1419 | 1446 | 95.4 | 97.9 | 99.8 |
| **R\_Date UCIAMS192975 Pit B** | 1478 | 1619 | 68.2 | 1466 | 1631 | 95.4 | 1472 | 1505 | 68.2 | 1460 | 1520 | 95.4 | 101 | 99.8 |
| **R\_Date UCIAMS190555 Pit B** | 1489 | 1630 | 68.3 | 1469 | 1634 | 95.4 | 1473 | 1508 | 68.2 | 1458 | 1523 | 95.4 | 90.2 | 99.8 |
| **R\_Date UCIAMS190556 Pit B** | 1500 | 1634 | 68.3 | 1487 | 1640 | 95.4 | 1475 | 1510 | 68.2 | 1462 | 1529 | 95.4 | 63.1 | 99.8 |
| **Interval Interval Getman** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 74 | 114 | 68.2 | 53 | 120 | 95.4 | 100 | 99.7 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Getman** |  |  |  |  |  |  | 1434 | 1494 | 68.2 | 1417 | 1524 | 95.4 |  | 99.7 |
| **Boundary End Getman** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1496 | 1529 | 68.2 | 1479 | 1545 | 95.4 | 100 | 99.8 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Smith-Pagerie** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1454 | 1498 | 68.2 | 1433 | 1614 | 95.4 | 100 | 99.7 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Smith-Pagerie** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Combine Feature 54 Pit H1 - assume one event** | 1463 | 1619 | 68.2 | 1451 | 1632 | 95.4 | 1475 | 1512 | 68.2 | 1461 | 1618 | 95.4 | 121.5 | 99.8 |
| **R\_Date AA-7405 M** | 1423 | 1615 | 68.2 | 1410 | 1632 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date AA-6419 M** | 1438 | 1618 | 68.2 | 1425 | 1634 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS218490 M** | 1515 | 1636 | 68.2 | 1480 | 1644 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date ISGS-A0528 R H1** | 1423 | 1468 | 68.2 | 1408 | 1617 | 95.4 | 1473 | 1513 | 68.2 | 1455 | 1621 | 95.4 | 108.4 | 99.7 |
| **R\_Date UCIAMS190566 B H1** | 1458 | 1614 | 68.2 | 1451 | 1618 | 95.4 | 1473 | 1511 | 68.2 | 1462 | 1616 | 95.4 | 101.5 | 99.7 |
| **R\_Date UCIAMS190565 B H1** | 1464 | 1616 | 68.2 | 1452 | 1620 | 95.4 | 1475 | 1511 | 68.2 | 1464 | 1617 | 95.4 | 109.3 | 99.8 |
| **R\_Date UCIAMS190563 B H1** | 1470 | 1619 | 68.2 | 1456 | 1631 | 95.5 | 1476 | 1512 | 68.2 | 1464 | 1618 | 95.4 | 119.9 | 99.8 |
| **R\_Date UCIAMS218492 M Longhouse 2 Hearth** | 1485 | 1621 | 68.2 | 1470 | 1632 | 95.4 | 1479 | 1513 | 68.2 | 1468 | 1618 | 95.4 | 108.5 | 99.8 |
| **R\_Date UCIAMS190564 B Longhouse 4 Hearth** | 1489 | 1630 | 68.3 | 1469 | 1634 | 95.4 | 1478 | 1513 | 68.2 | 1467 | 1619 | 95.4 | 102.1 | 99.8 |
| **Interval Interval Smith-Pagerie** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 41 | 68.2 | 0 | 86 | 95.4 | 100 | 99.4 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Smith-Pagerie** |  |  |  |  |  |  | 1473 | 1514 | 68.2 | 1454 | 1621 | 95.4 |  | 99.8 |
| **Boundary End Smith-Pagerie** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1486 | 1528 | 68.2 | 1475 | 1632 | 95.4 | 100 | 99.8 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Otstungo** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1440 | 1478 | 68.2 | 1425 | 1607 | 95.4 | 100 | 99.7 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Otstungo House 1 Midden and Hearths** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS190551 Hearth B** | 1474 | 1620 | 68.2 | 1458 | 1633 | 95.4 | 1475 | 1522 | 68.2 | 1456 | 1622 | 95.4 | 107.9 | 99.5 |
| **R\_Date UCIAMS190549 Hearth B** | 1496 | 1632 | 68.2 | 1484 | 1638 | 95.4 | 1479 | 1534 | 68.2 | 1470 | 1623 | 95.5 | 91.5 | 99.6 |
| **R\_Date UCIAMS190550 Hearth B** | 1523 | 1641 | 68.3 | 1516 | 1644 | 95.4 | 1498 | 1554 | 68.2 | 1488 | 1627 | 95.4 | 91 | 99.6 |
| **R\_Date UCIAMS190548 Hearth B** | 1523 | 1641 | 68.3 | 1516 | 1644 | 95.4 | 1498 | 1554 | 68.2 | 1489 | 1626 | 95.4 | 90.9 | 99.7 |
| **R\_Date AA-7400 M** | 1433 | 1616 | 68.2 | 1417 | 1634 | 95.4 | 1458 | 1518 | 68.2 | 1443 | 1621 | 95.3 | 100.3 | 99.3 |
| **R\_Date AA-7402 M** | 1435 | 1617 | 68.2 | 1421 | 1634 | 95.4 | 1458 | 1519 | 68.2 | 1444 | 1621 | 95.3 | 103.5 | 99.4 |
| **R\_Date AA-6423 M** | 1438 | 1620 | 68.1 | 1427 | 1636 | 95.4 | 1459 | 1522 | 68.2 | 1446 | 1620 | 95.4 | 108.8 | 99.4 |
| **R\_Date UCIAMS218483 M** | 1449 | 1472 | 68.2 | 1444 | 1609 | 95.4 | 1457 | 1608 | 68.2 | 1448 | 1614 | 95.4 | 70.6 | 98.5 |
| **R\_Date AA-7398 M** | 1447 | 1625 | 68.1 | 1440 | 1638 | 95.4 | 1461 | 1526 | 68.2 | 1448 | 1621 | 95.4 | 110.1 | 99.4 |
| **R\_Date UCIAMS218489 M** | 1453 | 1615 | 68.2 | 1447 | 1620 | 95.4 | 1462 | 1512 | 68.2 | 1451 | 1617 | 95.4 | 102.1 | 99.2 |
| **R\_Date AA-7401 M** | 1455 | 1628 | 68.2 | 1447 | 1638 | 95.4 | 1462 | 1528 | 68.2 | 1450 | 1621 | 95.4 | 108.3 | 99.5 |
| **R\_Date AA-7399 M** | 1476 | 1633 | 68.2 | 1449 | 1646 | 95.4 | 1466 | 1535 | 68.2 | 1452 | 1622 | 95.4 | 105.2 | 99.5 |
| **R\_Date UCIAMS218487 M** | 1495 | 1630 | 68.2 | 1478 | 1634 | 95.4 | 1485 | 1527 | 68.2 | 1471 | 1624 | 95.4 | 95.1 | 99.6 |
| **Interval Interval Otstungo** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 70 | 120 | 68.2 | 23 | 120 | 95.4 | 100 | 99.6 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Otstungo** |  |  |  |  |  |  | 1464 | 1538 | 68.2 | 1448 | 1622 | 95.4 |  | 99.4 |
| **Boundary End Otstungo** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1523 | 1572 | 68.2 | 1504 | 1637 | 95.4 | 100 | 99.2 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Klock** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1470 | 1587 | 68.2 | 1456 | 1616 | 95.4 | 100 | 98.6 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Klock** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Combine Feature 84 Pit H1 - assume one event** | 1477 | 1618 | 68.2 | 1461 | 1630 | 95.5 | 1489 | 1615 | 68.3 | 1477 | 1622 | 95.4 | 105.7 | 98.4 |
| **R\_Date UCIAMS218474 M** | 1470 | 1616 | 68.2 | 1454 | 1625 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date ISGS-A0326 M** | 1516 | 1642 | 68.2 | 1472 | 1649 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date ISGS-A0523 R Pit** | 1415 | 1446 | 68.2 | 1327 | 1474 | 95.4 | 1486 | 1603 | 68.2 | 1475 | 1626 | 95.4 | 100.7 | 98.4 |
| **R\_Date UCIAMS218476 M Pit** | 1470 | 1616 | 68.2 | 1454 | 1625 | 95.4 | 1490 | 1610 | 68.2 | 1476 | 1620 | 95.4 | 97 | 98.3 |
| **R\_Date UCIAMS190559 B Pit** | 1475 | 1617 | 68.2 | 1459 | 1630 | 95.5 | 1489 | 1614 | 68.2 | 1477 | 1622 | 95.4 | 106.1 | 98.3 |
| **R\_Date UCIAMS190561 B Pit** | 1499 | 1632 | 68.2 | 1485 | 1635 | 95.4 | 1491 | 1601 | 68.2 | 1485 | 1629 | 95.4 | 99.1 | 98.4 |
| **R\_Date UCIAMS218475 M Pit** | 1496 | 1632 | 68.2 | 1484 | 1638 | 95.4 | 1490 | 1601 | 68.2 | 1483 | 1628 | 95.4 | 103.5 | 98.4 |
| **R\_Date UCIAMS218473 B Pit** | 1519 | 1634 | 68.2 | 1493 | 1640 | 95.4 | 1492 | 1600 | 68.2 | 1488 | 1628 | 95.4 | 80.6 | 98.3 |
| **R\_Date UCIAMS190562 B Hearth H1** | 1474 | 1620 | 68.2 | 1458 | 1633 | 95.4 | 1488 | 1616 | 68.1 | 1478 | 1626 | 95.4 | 114.4 | 98.5 |
| **R\_Date UCIAMS190560 M Hearth H1** | 1519 | 1634 | 68.2 | 1493 | 1640 | 95.4 | 1492 | 1600 | 68.2 | 1488 | 1628 | 95.4 | 80.6 | 98.3 |
| **R\_Date AA-6418 M Hearth H7** | 1495 | 1644 | 68.1 | 1448 | 1795 | 95.4 | 1488 | 1603 | 68.2 | 1481 | 1627 | 95.4 | 108.1 | 98.4 |
| **Interval Interval Klock** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 50 | 68.2 | 0 | 120 | 95.4 | 100 | 99.5 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Klock** |  |  |  |  |  |  | 1488 | 1617 | 68.2 | 1478 | 1627 | 95.4 |  | 98.3 |
| **Boundary End Klock** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1502 | 1632 | 68.2 | 1494 | 1637 | 95.4 | 100 | 98 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Cayadutta Midden** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1455 | 1594 | 68.2 | 1440 | 1615 | 95.4 | 100 | 99.5 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Cayadutta Midden** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date AA-7690 M** | 1431 | 1618 | 68.2 | 1416 | 1635 | 95.4 | 1480 | 1618 | 68.2 | 1460 | 1628 | 95.3 | 86.3 | 99.9 |
| **R\_Date AA-7407 M** | 1454 | 1628 | 68.2 | 1446 | 1639 | 95.4 | 1485 | 1619 | 68.2 | 1470 | 1627 | 95.4 | 108 | 99.9 |
| **R\_Date AA-6421 M** | 1513 | 1650 | 68.2 | 1462 | 1795 | 95.4 | 1489 | 1621 | 68.2 | 1482 | 1627 | 95.4 | 99.1 | 99.8 |
| **R\_Date UCIAMS-205965 M** | 1474 | 1620 | 68.2 | 1458 | 1633 | 95.4 | 1486 | 1618 | 68.2 | 1470 | 1627 | 95.4 | 108.9 | 99.9 |
| **R\_Date UCIAMS-205966 M** | 1495 | 1630 | 68.2 | 1478 | 1634 | 95.4 | 1490 | 1620 | 68.2 | 1479 | 1629 | 95.4 | 103.1 | 99.9 |
| **R\_Date UCIAMS-205967 M** | 1522 | 1640 | 68.2 | 1499 | 1643 | 95.4 | 1494 | 1624 | 68.2 | 1489 | 1629 | 95.4 | 77 | 99.8 |
| **R\_Date UCIAMS-205968 M** | 1458 | 1614 | 68.2 | 1451 | 1618 | 95.4 | 1481 | 1616 | 68.2 | 1462 | 1619 | 95.4 | 84 | 99.9 |
| **Interval Interval Cayadutta Midden** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 8 | 120 | 68.2 | 1 | 120 | 95.4 | 100 | 99.6 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Cayadutta Midden** |  |  |  |  |  |  | 1485 | 1620 | 68.2 | 1473 | 1627 | 95.4 |  | 99.9 |
| **Boundary End Cayadutta Midden** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1511 | 1637 | 68.2 | 1502 | 1637 | 95.4 | 100 | 99.5 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Garoga** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1480 | 1563 | 68.2 | 1457 | 1586 | 95.4 | 100 | 99.8 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Garoga** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date Y-1381 charred wood** | 1287 | 1406 | 68.2 | 1193 | 1463 | 95.4 | 1512 | 1581 | 68.2 | 1479 | 1627 | 95.4 | 93.8 | 99.9 |
| **R\_Combine Feature 2 Pit H9** | 1493 | 1630 | 68.3 | 1476 | 1633 | 95.4 | 1506 | 1591 | 68.2 | 1488 | 1628 | 95.4 | 97.1 | 99.9 |
| **R\_Date AA-7403 M F2 Pit H9** | 1432 | 1619 | 68.2 | 1418 | 1636 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS218478 M F2 Pit H9** | 1491 | 1628 | 68.2 | 1472 | 1633 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS190537 M F2 Pit H9** | 1496 | 1632 | 68.2 | 1484 | 1638 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date AA-6417 M F2 Pit H9** | 1513 | 1650 | 68.2 | 1462 | 1795 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date ISGS-A0522 R H5 Pit** | 1431 | 1608 | 68.2 | 1417 | 1627 | 95.3 | 1512 | 1580 | 68.2 | 1483 | 1627 | 95.4 | 103.9 | 99.8 |
| **R\_Date UCIAMS190540 M H4 Pit** | 1489 | 1630 | 68.3 | 1469 | 1634 | 95.4 | 1504 | 1592 | 68.2 | 1487 | 1627 | 95.4 | 97.9 | 99.9 |
| **R\_Date UCIAMS190539 M H2 Pit** | 1521 | 1636 | 68.2 | 1491 | 1643 | 95.4 | 1517 | 1580 | 68.2 | 1495 | 1624 | 95.4 | 106.9 | 99.9 |
| **R\_Date UCIAMS218479 M H12 Pit** | 1522 | 1640 | 68.2 | 1499 | 1643 | 95.4 | 1521 | 1574 | 68.2 | 1498 | 1626 | 95.4 | 102.8 | 99.9 |
| **R\_Combine F184 Pit btw H1&Stockade** | 1522 | 1636 | 68.1 | 1494 | 1643 | 95.4 | 1519 | 1576 | 68.2 | 1497 | 1623 | 95.4 | 105.3 | 99.9 |
| **R\_Date UCIAMS190538 M F184 Pit** | 1523 | 1643 | 68.2 | 1499 | 1647 | 95.4 |  |  |  |  |  |  |  |  |
| **R\_Date UCIAMS218477 M F184 Pit** | 1500 | 1634 | 68.3 | 1487 | 1640 | 95.4 |  |  |  |  |  |  |  |  |
| **Interval Interval Garoga** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 89 | 68.2 | 0 | 115 | 95.4 | 100 | 99.7 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Garoga** |  |  |  |  |  |  | 1515 | 1584 | 68.2 | 1486 | 1627 | 95.4 |  | 99.9 |
| **Boundary End Garoga** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1526 | 1611 | 68.2 | 1523 | 1632 | 95.4 | 100 | 99.9 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Sequence** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Boundary Start Wormuth** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1463 | 1605 | 68.2 | 1445 | 1615 | 95.4 | 100 | 99.7 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Phase Wormuth** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **R\_Date AA-6416 M** | 1445 | 1620 | 68.2 | 1438 | 1636 | 95.4 | 1488 | 1618 | 68.2 | 1468 | 1627 | 95.4 | 100.2 | 99.8 |
| **R\_Date UCIAMS192700 M Pit** | 1475 | 1617 | 68.2 | 1459 | 1630 | 95.5 | 1489 | 1617 | 68.2 | 1472 | 1622 | 95.4 | 100.2 | 99.8 |
| **R\_Date AA-6065 M** | 1491 | 1632 | 68.2 | 1473 | 1636 | 95.4 | 1492 | 1619 | 68.2 | 1478 | 1627 | 95.4 | 105.7 | 99.8 |
| **R\_Date DIC-1176 Lowest Level Midden Charcoal** | 1315 | 1422 | 68.2 | 1298 | 1437 | 95.4 | 1486 | 1619 | 68.2 | 1469 | 1626 | 95.4 | 99.1 | 99.7 |
| **R\_Date DIC-1177 Higher Up Midden Charcoal** | 1523 | ... | 68.3 | 1485 | ... | 95.4 | 1501 | 1619 | 68.2 | 1489 | 1625 | 95.4 | 60 | 99.8 |
| **R\_Date DIC-1178 Fill of Burial #2** | 1434 | 1618 | 68.2 | 1419 | 1635 | 95.4 | 1490 | 1620 | 68.2 | 1478 | 1626 | 95.4 | 107.1 | 99.8 |
| **Interval Interval Wormuth** | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 0 | 120 | 68.2 | 0 | 120 | 95.4 | 100 | 99.7 |
| **U(0,120)** | 1.28E-15 | 120 | 68.2 | 1.28E-15 | 120 | 95.4 |  |  |  |  |  |  |  |  |
| **Date Wormuth** |  |  |  |  |  |  | 1490 | 1620 | 68.2 | 1475 | 1627 | 95.4 |  | 99.8 |
| **Boundary End Wormuth** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 | 1512 | 1635 | 68.2 | 1505 | 1637 | 95.4 | 100 | 99.8 |
| **U(1150,1635)** | 1150 | 1635 | 68.2 | 1150 | 1635 | 95.4 |  |  |  |  |  |  |  |  |
| **Order Order** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



Model 2 Part 1



Model 2 Part 2

Figures (Parts 1 and 2) show Model 2 with the uniform probability 0-120 years constraint on an Interval query for each site Phase duration (for details see Table above). The figures indicate the structure of the model. The light grey histograms are the non-modelled probability ranges. The black histograms are the modelled probability ranges. The lines under each black histogram indicate the 68.2% and 95.4% hpd ranges.