An application of hierarchical Bayesian modeling to better constrain the chronologies of Upper Paleolithic archaeological cultures in France between ca. 32,000–21,000 calibrated years before present

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Supplementary Appendix 1

Log results for the age model that includes all retained $^{14}$C measurements (first generation model)

**Phase : Lower Magdalenian**

Begin (posterior distrib.)

MAP = 20881 ; Mean = 20872 ; Std deviation = 118  
Q1 = 20793 ; Q2 (Median) = 20874 ; Q3 = 20953  
HPD Region ( 95 %) : [ 20642 ; 21101 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 20645 ; 21100 ] Age Cal. BP  

End (posterior distrib.)

MAP = 19555 ; Mean = 19243 ; Std deviation = 593  
Q1 = 19118 ; Q2 (Median) = 19427 ; Q3 = 19601  
HPD Region ( 95 %) : [ 17947 ; 19986 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 17953 ; 19938 ] Age Cal. BP  

Phase Time Range ( 95 %) : [ 17980 ; 21211 ] Age Cal. BP  

Duration (posterior distrib.)

MAP = 1339 ; Mean = 1626 ; Std deviation = 602  
Q1 = 1267 ; Q2 (Median) = 1461 ; Q3 = 1767  
HPD Region ( 95 %) : [ 807 ; 2940 ] (95%) Years  
Credibility Interval ( 95 %) : [ 841 ; 2928 ] Years  

**Phase : Badegoulian**

Begin (posterior distrib.)

MAP = 22939 ; Mean = 22941 ; Std deviation = 78  
Q1 = 22890 ; Q2 (Median) = 22941 ; Q3 = 22993  
HPD Region ( 95 %) : [ 22788 ; 23095 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 22793 ; 23096 ] Age Cal. BP  

End (posterior distrib.)

MAP = 20995 ; Mean = 20984 ; Std deviation = 109  
Q1 = 20914 ; Q2 (Median) = 20987 ; Q3 = 21059  
HPD Region ( 95 %) : [ 20768 ; 21194 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 20769 ; 21190 ] Age Cal. BP  

Phase Time Range ( 95 %) : [ 20773 ; 23097 ] Age Cal. BP  

Duration (posterior distrib.)

MAP = 1957 ; Mean = 1956 ; Std deviation = 133  
Q1 = 1867 ; Q2 (Median) = 1956 ; Q3 = 2044
Phase: Mid+Upper Solutrean
Begin (posterior distrib.)
MAP = 24154 ; Mean = 24176 ; Std deviation = 157
Q1 = 24070 ; Q2 (Median) = 24166 ; Q3 = 24268
HPD Region (95%) : [23876 ; 24490] (95%) Age Cal. BP
Credibility Interval (95%) : [23876 ; 24485] Age Cal. BP

End (posterior distrib.)
MAP = 22976 ; Mean = 22983 ; Std deviation = 77
Q1 = 22932 ; Q2 (Median) = 22983 ; Q3 = 23034
HPD Region (95%) : [22831 ; 23136] (95%) Age Cal. BP
Credibility Interval (95%) : [22832 ; 23133] Age Cal. BP

Phase Time Range (95%) : [22806 ; 24471] Age Cal. BP

Duration (posterior distrib.)
MAP = 1168 ; Mean = 1192 ; Std deviation = 174
Q1 = 1076 ; Q2 (Median) = 1183 ; Q3 = 1300
HPD Region (95%) : [857 ; 1541] (95%) Years
Credibility Interval (95%) : [871 ; 1549] Years

Phase: Gargas c.2-1
Begin (posterior distrib.)
MAP = 29825 ; Mean = 29822 ; Std deviation = 217
Q1 = 29674 ; Q2 (Median) = 29819 ; Q3 = 29967
HPD Region (95%) : [29410 ; 30255] (95%) Age Cal. BP
Credibility Interval (95%) : [29414 ; 30251] Age Cal. BP

End (posterior distrib.)
MAP = 28902 ; Mean = 28887 ; Std deviation = 193
Q1 = 28764 ; Q2 (Median) = 28893 ; Q3 = 29016
HPD Region (95%) : [28503 ; 29264] (95%) Age Cal. BP
Credibility Interval (95%) : [28522 ; 29274] Age Cal. BP

Phase Time Range (95%) : [28497 ; 30251] Age Cal. BP

Duration (posterior distrib.)
MAP = 890 ; Mean = 935 ; Std deviation = 281
Q1 = 740 ; Q2 (Median) = 926 ; Q3 = 1122
HPD Region (95%) : [389 ; 1484] (95%) Years
Credibility Interval (95%) : [395 ; 1479] Years

Phase: Cuzoul c.6
Begin (posterior distrib.)
MAP = 22458 ; Mean = 22439 ; Std deviation = 115
Q1 = 22390 ; Q2 (Median) = 22453 ; Q3 = 22510
HPD Region (95%) : [22213 ; 22647] (95%) Age Cal. BP
Credibility Interval (95%) : [22215 ; 22644] Age Cal. BP
End (posterior distrib.)
MAP = 22394 ; Mean = 22270 ; Std deviation = 250
Q1 = 22208 ; Q2 (Median) = 22342 ; Q3 = 22422
HPD Region ( 95 %) : [ 21739 ; 22608 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21754 ; 22604 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 21742 ; 22680 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 43 ; Mean = 180 ; Std deviation = 212
Q1 = 42 ; Q2 (Median) = 100 ; Q3 = 207
HPD Region ( 95 %) : [ 0 ; 607 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 583 ] Years

Phase : LHO c.H'''' (4)
Begin (posterior distrib.)
MAP = 23678 ; Mean = 23699 ; Std deviation = 146
Q1 = 23602 ; Q2 (Median) = 23694 ; Q3 = 23790
HPD Region ( 95 %) : [ 23419 ; 23989 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23423 ; 23985 ] Age Cal. BP

End (posterior distrib.)
MAP = 23127 ; Mean = 23168 ; Std deviation = 150
Q1 = 23060 ; Q2 (Median) = 23158 ; Q3 = 23268
HPD Region ( 95 %) : [ 22893 ; 23469 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22888 ; 23457 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 22889 ; 23975 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 522 ; Mean = 530 ; Std deviation = 185
Q1 = 399 ; Q2 (Median) = 524 ; Q3 = 653
HPD Region ( 95 %) : [ 177 ; 889 ] (95%) Years
Credibility Interval ( 95 %) : [ 182 ; 886 ] Years

Phase : Cuzoul c.15
Begin (posterior distrib.)
MAP = 22588 ; Mean = 22586 ; Std deviation = 95
Q1 = 22527 ; Q2 (Median) = 22588 ; Q3 = 22649
HPD Region ( 95 %) : [ 22400 ; 22772 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22400 ; 22767 ] Age Cal. BP

End (posterior distrib.)
MAP = 22536 ; Mean = 22521 ; Std deviation = 99
Q1 = 22466 ; Q2 (Median) = 22526 ; Q3 = 22586
HPD Region ( 95 %) : [ 22330 ; 22718 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22339 ; 22722 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 22328 ; 22778 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 15 ; Mean = 68 ; Std deviation = 61
Q1 = 20 ; Q2 (Median) = 48 ; Q3 = 92
HPD Region ( 95 %) : [ 0 ; 190 ] (95%) Years
Credibility Interval (95%) : [ 0 ; 187 ] Years

**Phase : Gargas c.2-2**
Begin (posterior distrib.)
MAP = 30329 ; Mean = 30289 ; Std deviation = 192
Q1 = 30170 ; Q2 (Median) = 30303 ; Q3 = 30422
HPD Region (95%) : [ 29898 ; 30650 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 29905 ; 30648 ] Age Cal. BP

End (posterior distrib.)
MAP = 30187 ; Mean = 30133 ; Std deviation = 222
Q1 = 29985 ; Q2 (Median) = 30148 ; Q3 = 30292
HPD Region (95%) : [ 29690 ; 30544 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 29688 ; 30531 ] Age Cal. BP
Phase Time Range (95%) : [ 29706 ; 30654 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 35 ; Mean = 163 ; Std deviation = 143
Q1 = 49 ; Q2 (Median) = 115 ; Q3 = 224
HPD Region (95%) : [ 0 ; 452 ] (95%) Years
Credibility Interval (95%) : [ 0 ; 446 ] Years

**Phase : Lower Solutrean**
Begin (posterior distrib.)
MAP = 24963 ; Mean = 24929 ; Std deviation = 263
Q1 = 24744 ; Q2 (Median) = 24935 ; Q3 = 25119
HPD Region (95%) : [ 24420 ; 25420 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 24428 ; 25416 ] Age Cal. BP

End (posterior distrib.)
MAP = 24270 ; Mean = 24322 ; Std deviation = 184
Q1 = 24197 ; Q2 (Median) = 24302 ; Q3 = 24427
HPD Region (95%) : [ 23980 ; 24699 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 23983 ; 24693 ] Age Cal. BP
Phase Time Range (95%) : [ 24004 ; 25394 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 619 ; Mean = 607 ; Std deviation = 286
Q1 = 391 ; Q2 (Median) = 598 ; Q3 = 808
HPD Region (95%) : [ 74 ; 1131 ] (95%) Years
Credibility Interval (95%) : [ 77 ; 1123 ] Years

**Phase : Pataud c.2**
Begin (posterior distrib.)
MAP = 26681 ; Mean = 26677 ; Std deviation = 153
Q1 = 26577 ; Q2 (Median) = 26677 ; Q3 = 26779
HPD Region (95%) : [ 26374 ; 26981 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 26378 ; 26978 ] Age Cal. BP

End (posterior distrib.)
MAP = 26039 ; Mean = 26041 ; Std deviation = 103
Q1 = 25977 ; Q2 (Median) = 26040 ; Q3 = 26103
Phase Time Range (95%) : [25834 ; 26969] Age Cal. BP

Duration (posterior distrib.)
MAP = 635 ; Mean = 635 ; Std deviation = 173
Q1 = 520 ; Q2 (Median) = 634 ; Q3 = 750
HPD Region (95%) : [25848 ; 26258] Age Cal. BP
Credibility Interval (95%) : [25839 ; 26252] Age Cal. BP

Phase : Cuzoul c.16
Begin (posterior distrib.)
MAP = 22634 ; Mean = 22640 ; Std deviation = 92
Q1 = 22580 ; Q2 (Median) = 22642 ; Q3 = 22702
HPD Region (95%) : [22460 ; 22823] Age Cal. BP
Credibility Interval (95%) : [22459 ; 22817] Age Cal. BP

End (posterior distrib.)
MAP = 22634 ; Mean = 22640 ; Std deviation = 92
Q1 = 22580 ; Q2 (Median) = 22642 ; Q3 = 22702
HPD Region (95%) : [22460 ; 22823] Age Cal. BP
Credibility Interval (95%) : [22459 ; 22817] Age Cal. BP

Phase Time Range (95%) : [22457 ; 22816] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : LHO c.H'' (6)
Begin (posterior distrib.)
MAP = 24072 ; Mean = 24077 ; Std deviation = 198
Q1 = 23941 ; Q2 (Median) = 24072 ; Q3 = 24203
HPD Region (95%) : [23692 ; 24466] Age Cal. BP
Credibility Interval (95%) : [23699 ; 24466] Age Cal. BP

End (posterior distrib.)
MAP = 23812 ; Mean = 23832 ; Std deviation = 160
Q1 = 23722 ; Q2 (Median) = 23821 ; Q3 = 23928
HPD Region (95%) : [23532 ; 24159] Age Cal. BP
Credibility Interval (95%) : [23533 ; 24150] Age Cal. BP

Phase Time Range (95%) : [23533 ; 24452] Age Cal. BP

Duration (posterior distrib.)
MAP = 49 ; Mean = 252 ; Std deviation = 190
Q1 = 89 ; Q2 (Median) = 204 ; Q3 = 362
HPD Region (95%) : [0 ; 615] Years
Credibility Interval (95%) : [0 ; 608] Years

Phase : Protosol/Aurig.V
Begin (posterior distrib.)
MAP = 25950 ; Mean = 25925 ; Std deviation = 108
Q1 = 25865 ; Q2 (Median) = 25936 ; Q3 = 25999
HPD Region ( 95 %) : [ 25704 ; 26125 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25707 ; 26123 ] Age Cal. BP

End (posterior distrib.)
MAP = 25728 ; Mean = 25669 ; Std deviation = 175
Q1 = 25559 ; Q2 (Median) = 25688 ; Q3 = 25800
HPD Region ( 95 %) : [ 25322 ; 25980 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25321 ; 25970 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 25333 ; 26131 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 162 ; Mean = 255 ; Std deviation = 146
Q1 = 146 ; Q2 (Median) = 229 ; Q3 = 338
HPD Region ( 95 %) : [ 22 ; 546 ] (95%) Years
Credibility Interval ( 95 %) : [ 32 ; 546 ] Years

Phase : Gargas c.2-3
Begin (posterior distrib.)
MAP = 30678 ; Mean = 30671 ; Std deviation = 151
Q1 = 30576 ; Q2 (Median) = 30676 ; Q3 = 30771
HPD Region ( 95 %) : [ 30367 ; 30983 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30368 ; 30984 ] Age Cal. BP

End (posterior distrib.)
MAP = 30367 ; Mean = 30387 ; Std deviation = 172
Q1 = 30280 ; Q2 (Median) = 30398 ; Q3 = 30506
HPD Region ( 95 %) : [ 30035 ; 30709 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30042 ; 30709 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 30034 ; 30963 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 228 ; Mean = 284 ; Std deviation = 150
Q1 = 172 ; Q2 (Median) = 261 ; Q3 = 371
HPD Region ( 95 %) : [ 33 ; 581 ] (95%) Years
Credibility Interval ( 95 %) : [ 41 ; 579 ] Years

Phase : Cuzoul c.18
Begin (posterior distrib.)
MAP = 22681 ; Mean = 22688 ; Std deviation = 89
Q1 = 22631 ; Q2 (Median) = 22689 ; Q3 = 22749
HPD Region ( 95 %) : [ 22514 ; 22863 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22514 ; 22864 ] Age Cal. BP

End (posterior distrib.)
MAP = 22681 ; Mean = 22688 ; Std deviation = 89
Q1 = 22631 ; Q2 (Median) = 22689 ; Q3 = 22749
HPD Region ( 95 %) : [ 22514 ; 22863 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22519 ; 22864 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 22518 ; 22863 ] Age Cal. BP
Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Peyruges c.14
Begin (posterior distrib.)
MAP = 25915 ; Mean = 25801 ; Std deviation = 488
Q1 = 25664 ; Q2 (Median) = 25883 ; Q3 = 26067
HPD Region ( 95 %) : [ 25014 ; 26533 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25037 ; 26523 ] Age Cal. BP

End (posterior distrib.)
MAP = 25915 ; Mean = 25801 ; Std deviation = 488
Q1 = 25664 ; Q2 (Median) = 25883 ; Q3 = 26067
HPD Region ( 95 %) : [ 25014 ; 26533 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25037 ; 26523 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 25039 ; 26527 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : LHO c.H' (8)
Begin (posterior distrib.)
MAP = 24963 ; Mean = 24929 ; Std deviation = 263
Q1 = 24744 ; Q2 (Median) = 24935 ; Q3 = 25119
HPD Region ( 95 %) : [ 24420 ; 25420 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24428 ; 25416 ] Age Cal. BP

End (posterior distrib.)
MAP = 24270 ; Mean = 24322 ; Std deviation = 184
Q1 = 24197 ; Q2 (Median) = 24302 ; Q3 = 24427
HPD Region ( 95 %) : [ 23980 ; 24699 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23983 ; 24693 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 24004 ; 25394 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 619 ; Mean = 607 ; Std deviation = 286
Q1 = 391 ; Q2 (Median) = 598 ; Q3 = 808
HPD Region ( 95 %) : [ 74 ; 1131 ] (95%) Years
Credibility Interval ( 95 %) : [ 77 ; 1123 ] Years

Phase : Pataud c.3
Begin (posterior distrib.)
MAP = 28313 ; Mean = 28200 ; Std deviation = 283
Q1 = 28022 ; Q2 (Median) = 28222 ; Q3 = 28403
HPD Region ( 95 %) : [ 27638 ; 28722 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27640 ; 28710 ] Age Cal. BP

End (posterior distrib.)
MAP = 26935 ; Mean = 27063 ; Std deviation = 286
Q1 = 26860 ; Q2 (Median) = 27021 ; Q3 = 27230
HPD Region (95%): [26559 ; 27653] (95%) Age Cal. BP  
Credibility Interval (95%): [26569 ; 27648] Age Cal. BP

Phase Time Range (95%): [26603 ; 28670] Age Cal. BP

Duration (posterior distrib.)  
MAP = 1171 ; Mean = 1137 ; Std deviation = 372  
Q1 = 885 ; Q2 (Median) = 1150 ; Q3 = 1400

Phase: Cuzoul c.19

Begin (posterior distrib.)  
MAP = 22723 ; Mean = 22728 ; Std deviation = 88  
Q1 = 22670 ; Q2 (Median) = 22730 ; Q3 = 22788

End (posterior distrib.)  
MAP = 22723 ; Mean = 22728 ; Std deviation = 88  
Q1 = 22670 ; Q2 (Median) = 22730 ; Q3 = 22788

Phase Time Range (95%): [22561 ; 22902] Age Cal. BP

Duration (posterior distrib.)  
MAP = 0 ; Mean = 0 ; Std deviation = 0  
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase: Peyrugues c.18

Begin (posterior distrib.)  
MAP = 26655 ; Mean = 26634 ; Std deviation = 190  
Q1 = 26514 ; Q2 (Median) = 26642 ; Q3 = 26763

End (posterior distrib.)  
MAP = 26410 ; Mean = 26393 ; Std deviation = 222  
Q1 = 26237 ; Q2 (Median) = 26397 ; Q3 = 26550

Phase Time Range (95%): [25970 ; 26979] Age Cal. BP

Duration (posterior distrib.)  
MAP = 51 ; Mean = 248 ; Std deviation = 189  
Q1 = 86 ; Q2 (Median) = 197 ; Q3 = 352

HPD Region (95%): [0 ; 621] (95%) Years  
Credibility Interval (95%): [0 ; 615] Years
Phase : Final Gravettian
Begin (posterior distrib.)
MAP = 26732 ; Mean = 26745 ; Std deviation = 142
Q1 = 26649 ; Q2 (Median) = 26742 ; Q3 = 26839
HPD Region ( 95 %) : [ 26468 ; 27024 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26478 ; 27029 ] Age Cal. BP

End (posterior distrib.)
MAP = 25980 ; Mean = 25966 ; Std deviation = 102
Q1 = 25908 ; Q2 (Median) = 25974 ; Q3 = 26035
HPD Region ( 95 %) : [ 25758 ; 26160 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25765 ; 26162 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 25742 ; 27030 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 776 ; Mean = 779 ; Std deviation = 164
Q1 = 666 ; Q2 (Median) = 773 ; Q3 = 884
HPD Region ( 95 %) : [ 460 ; 1100 ] (95%) Years
Credibility Interval ( 95 %) : [ 453 ; 1087 ] Years

Phase : Gargas c.2-4
Begin (posterior distrib.)
MAP = 30895 ; Mean = 30875 ; Std deviation = 166
Q1 = 30767 ; Q2 (Median) = 30880 ; Q3 = 30990
HPD Region ( 95 %) : [ 30548 ; 31193 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30553 ; 31190 ] Age Cal. BP

End (posterior distrib.)
MAP = 30789 ; Mean = 30771 ; Std deviation = 161
Q1 = 30668 ; Q2 (Median) = 30774 ; Q3 = 30879
HPD Region ( 95 %) : [ 30453 ; 31088 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30451 ; 31079 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 30449 ; 31182 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 23 ; Mean = 109 ; Std deviation = 98
Q1 = 32 ; Q2 (Median) = 76 ; Q3 = 148
HPD Region ( 95 %) : [ 0 ; 305 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 300 ] Years

Phase : Cuzoul c.21
Begin (posterior distrib.)
MAP = 22784 ; Mean = 22781 ; Std deviation = 84
Q1 = 22726 ; Q2 (Median) = 22783 ; Q3 = 22839
HPD Region ( 95 %) : [ 22615 ; 22944 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22614 ; 22939 ] Age Cal. BP

End (posterior distrib.)
MAP = 22784 ; Mean = 22781 ; Std deviation = 84
Q1 = 22726 ; Q2 (Median) = 22783 ; Q3 = 22839
HPD Region ( 95 %) : [ 22615 ; 22944 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22614 ; 22939 ] Age Cal. BP
Phase Time Range (95%) : [ 22612 ; 22938 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Blot c.9
Begin (posterior distrib.)
MAP = 21583 ; Mean = 21554 ; Std deviation = 191
Q1 = 21450 ; Q2 (Median) = 21572 ; Q3 = 21682
HPD Region (95%) : [ 21150 ; 21907 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 21156 ; 21904 ] Age Cal. BP

End (posterior distrib.)
MAP = 21583 ; Mean = 21554 ; Std deviation = 191
Q1 = 21450 ; Q2 (Median) = 21572 ; Q3 = 21682
HPD Region (95%) : [ 21150 ; 21907 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 21156 ; 21904 ] Age Cal. BP

Phase Time Range (95%) : [ 21153 ; 21901 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : LHO c.E (9)
Begin (posterior distrib.)
MAP = 25423 ; Mean = 25381 ; Std deviation = 176
Q1 = 25278 ; Q2 (Median) = 25390 ; Q3 = 25498
HPD Region (95%) : [ 25028 ; 25719 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 25026 ; 25710 ] Age Cal. BP

End (posterior distrib.)
MAP = 25423 ; Mean = 25381 ; Std deviation = 176
Q1 = 25278 ; Q2 (Median) = 25390 ; Q3 = 25498
HPD Region (95%) : [ 25028 ; 25719 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 25026 ; 25710 ] Age Cal. BP

Phase Time Range (95%) : [ 25026 ; 25710 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Peyrugues c.20
Begin (posterior distrib.)
MAP = 27442 ; Mean = 27359 ; Std deviation = 206
Q1 = 27247 ; Q2 (Median) = 27393 ; Q3 = 27501
HPD Region (95%) : [ 26912 ; 27719 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 26916 ; 27714 ] Age Cal. BP
End (posterior distrib.)
MAP = 27442 ; Mean = 27359 ; Std deviation = 206
Q1 = 27247 ; Q2 (Median) = 27393 ; Q3 = 27501
HPD Region ( 95 %) : [ 26912 ; 27719 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26916 ; 27714 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 26912 ; 27710 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Flageolet c.IV
Begin (posterior distrib.)
MAP = 27445 ; Mean = 27226 ; Std deviation = 950
Q1 = 26887 ; Q2 (Median) = 27390 ; Q3 = 27826
HPD Region ( 95 %) : [ 25574 ; 28941 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25626 ; 28943 ] Age Cal. BP

End (posterior distrib.)
MAP = 27445 ; Mean = 27226 ; Std deviation = 950
Q1 = 26887 ; Q2 (Median) = 27390 ; Q3 = 27826
HPD Region ( 95 %) : [ 25574 ; 28941 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25626 ; 28943 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 25621 ; 28940 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Pataud c.4upper
Begin (posterior distrib.)
MAP = 29685 ; Mean = 29812 ; Std deviation = 736
Q1 = 29248 ; Q2 (Median) = 29788 ; Q3 = 30349
HPD Region ( 95 %) : [ 28478 ; 31174 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28510 ; 31170 ] Age Cal. BP

End (posterior distrib.)
MAP = 29685 ; Mean = 29812 ; Std deviation = 736
Q1 = 29248 ; Q2 (Median) = 29788 ; Q3 = 30349
HPD Region ( 95 %) : [ 28478 ; 31174 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28510 ; 31170 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 28507 ; 31167 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0
Phase : Taillis c.AG-IIIa
Begin (posterior distrib.)
MAP = 20674 ; Mean = 20671 ; Std deviation = 158
Q1 = 20581 ; Q2 (Median) = 20677 ; Q3 = 20774
HPD Region ( 95 %) : [ 20367 ; 20983 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20383 ; 20992 ] Age Cal. BP
End (posterior distrib.)
MAP = 20459 ; Mean = 20278 ; Std deviation = 388
Q1 = 20141 ; Q2 (Median) = 20353 ; Q3 = 20520
HPD Region ( 95 %) : [ 19605 ; 20841 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19622 ; 20830 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 19644 ; 21070 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 118 ; Mean = 403 ; Std deviation = 377
Q1 = 144 ; Q2 (Median) = 305 ; Q3 = 527
HPD Region ( 95 %) : [ 0 ; 1020 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 1000 ] Years

Phase : Blot c.15
Begin (posterior distrib.)
MAP = 21837 ; Mean = 21877 ; Std deviation = 209
Q1 = 21749 ; Q2 (Median) = 21854 ; Q3 = 21973
HPD Region ( 95 %) : [ 21483 ; 22297 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21495 ; 22299 ] Age Cal. BP
End (posterior distrib.)
MAP = 21837 ; Mean = 21877 ; Std deviation = 209
Q1 = 21749 ; Q2 (Median) = 21854 ; Q3 = 21973
HPD Region ( 95 %) : [ 21483 ; 22297 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21495 ; 22299 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 21488 ; 22293 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Cuzoul c.22
Begin (posterior distrib.)
MAP = 22905 ; Mean = 22892 ; Std deviation = 80
Q1 = 22839 ; Q2 (Median) = 22894 ; Q3 = 22946
HPD Region ( 95 %) : [ 22732 ; 23048 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22733 ; 23046 ] Age Cal. BP
End (posterior distrib.)
MAP = 22839 ; Mean = 22838 ; Std deviation = 82
Q1 = 22784 ; Q2 (Median) = 22840 ; Q3 = 22894
HPD Region ( 95 %) : [ 22675 ; 22998 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22675 ; 22995 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 22679 ; 23051 ] Age Cal. BP
Duration (posterior distrib.)
MAP = 12 ; Mean = 56 ; Std deviation = 50
Q1 = 16 ; Q2 (Median) = 39 ; Q3 = 76
HPD Region ( 95 %) : [ 0 ; 157 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 154 ] Years

**Phase : Recent Gravettian**
Begin (posterior distrib.)
MAP = 28521 ; Mean = 28478 ; Std deviation = 169
Q1 = 28371 ; Q2 (Median) = 28489 ; Q3 = 28596
HPD Region ( 95 %) : [ 28133 ; 28797 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28135 ; 28792 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 26516 ; 28771 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 1668 ; Mean = 1663 ; Std deviation = 222
Q1 = 1518 ; Q2 (Median) = 1668 ; Q3 = 1813
HPD Region ( 95 %) : [ 1222 ; 2095 ] (95%) Years
Credibility Interval ( 95 %) : [ 1236 ; 2101 ] Years

**Phase : Gargas c.2-5**
Begin (posterior distrib.)
MAP = 31107 ; Mean = 31068 ; Std deviation = 162
Q1 = 30965 ; Q2 (Median) = 31079 ; Q3 = 31178
HPD Region ( 95 %) : [ 30740 ; 31375 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30747 ; 31372 ] Age Cal. BP

End (posterior distrib.)
MAP = 31004 ; Mean = 30973 ; Std deviation = 163
Q1 = 30868 ; Q2 (Median) = 30982 ; Q3 = 31086
HPD Region ( 95 %) : [ 30647 ; 31283 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30657 ; 31285 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 30652 ; 31372 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 21 ; Mean = 100 ; Std deviation = 91
Q1 = 28 ; Q2 (Median) = 67 ; Q3 = 135
HPD Region ( 95 %) : [ 0 ; 285 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 280 ] Years

**Phase : Peyrugues c.20A**
Begin (posterior distrib.)
MAP = 27549 ; Mean = 27525 ; Std deviation = 152
Q1 = 27433 ; Q2 (Median) = 27531 ; Q3 = 27623
HPD Region ( 95 %) : [ 27214 ; 27819 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27217 ; 27814 ] Age Cal. BP
End (posterior distrib.)
MAP = 27549 ; Mean = 27525 ; Std deviation = 152
Q1 = 27433 ; Q2 (Median) = 27531 ; Q3 = 27623
HPD Region ( 95 %) : [ 27214 ; 27819 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27217 ; 27814 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 27219 ; 27815 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : LHO c.D (10)
Begin (posterior distrib.)
MAP = 25950 ; Mean = 25925 ; Std deviation = 108
Q1 = 25865 ; Q2 (Median) = 25936 ; Q3 = 25999
HPD Region ( 95 %) : [ 25704 ; 26125 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25707 ; 26123 ] Age Cal. BP

End (posterior distrib.)
MAP = 25728 ; Mean = 25669 ; Std deviation = 175
Q1 = 25559 ; Q2 (Median) = 25688 ; Q3 = 25800
HPD Region ( 95 %) : [ 25322 ; 25980 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25321 ; 25970 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 25333 ; 26131 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 162 ; Mean = 255 ; Std deviation = 146
Q1 = 146 ; Q2 (Median) = 229 ; Q3 = 338
HPD Region ( 95 %) : [ 22 ; 546 ] (95%) Years
Credibility Interval ( 95 %) : [ 32 ; 546 ] Years

Phase : Taillis c.AG-V
Begin (posterior distrib.)
MAP = 21969 ; Mean = 21993 ; Std deviation = 251
Q1 = 21861 ; Q2 (Median) = 21993 ; Q3 = 22137
HPD Region ( 95 %) : [ 21466 ; 22517 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21465 ; 22507 ] Age Cal. BP
End (posterior distrib.)
MAP = 21969 ; Mean = 21993 ; Std deviation = 251
Q1 = 21861 ; Q2 (Median) = 21993 ; Q3 = 22137
HPD Region ( 95 %) : [ 21466 ; 22517 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21465 ; 22507 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 21474 ; 22517 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0
Phase: Pataud c.4lower

Begin (posterior distrib.)
MAP = 31234 ; Mean = 30872 ; Std deviation = 673
Q1 = 30449 ; Q2 (Median) = 30956 ; Q3 = 31385
HPD Region (95%) : [29496 ; 32027] (95%) Age Cal. BP
Credibility Interval (95%) : [29502 ; 31998] Age Cal. BP

End (posterior distrib.)
MAP = 31234 ; Mean = 30872 ; Std deviation = 673
Q1 = 30449 ; Q2 (Median) = 30956 ; Q3 = 31385
HPD Region (95%) : [29496 ; 32027] (95%) Age Cal. BP
Credibility Interval (95%) : [29502 ; 31998] Age Cal. BP

Phase Time Range (95%) : [29504 ; 32001] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase: Flageolet c.V

Begin (posterior distrib.)
MAP = 31033 ; Mean = 31062 ; Std deviation = 312
Q1 = 30877 ; Q2 (Median) = 31050 ; Q3 = 31238
HPD Region (95%) : [30449 ; 31733] (95%) Age Cal. BP
Credibility Interval (95%) : [30445 ; 31718] Age Cal. BP

End (posterior distrib.)
MAP = 28872 ; Mean = 29205 ; Std deviation = 502
Q1 = 28821 ; Q2 (Median) = 29141 ; Q3 = 29537
HPD Region (95%) : [28349 ; 30218] (95%) Age Cal. BP
Credibility Interval (95%) : [28369 ; 30216] Age Cal. BP

Phase Time Range (95%) : [28405 ; 31705] Age Cal. BP

Duration (posterior distrib.)
MAP = 2058 ; Mean = 1856 ; Std deviation = 565
Q1 = 1476 ; Q2 (Median) = 1897 ; Q3 = 2259
HPD Region (95%) : [708 ; 2888] (95%) Years
Credibility Interval (95%) : [714 ; 2867] Years

Phase: Cuzoul c.27

Begin (posterior distrib.)
MAP = 22939 ; Mean = 22940 ; Std deviation = 78
Q1 = 22889 ; Q2 (Median) = 22941 ; Q3 = 22992
HPD Region (95%) : [22786 ; 23094] (95%) Age Cal. BP
Credibility Interval (95%) : [22792 ; 23096] Age Cal. BP

End (posterior distrib.)
MAP = 22939 ; Mean = 22940 ; Std deviation = 78
Q1 = 22889 ; Q2 (Median) = 22941 ; Q3 = 22992
HPD Region (95%) : [22786 ; 23094] (95%) Age Cal. BP
Credibility Interval (95%) : [22792 ; 23096] Age Cal. BP
Phase Time Range (95%) : [22786; 23091] Age Cal. BP

Duration (posterior distrib.)
MAP = 0; Mean = 0; Std deviation = 0
Q1 = 0; Q2 (Median) = 0; Q3 = 0

Phase : Casserole c.7
Begin (posterior distrib.)
MAP = 23035; Mean = 23091; Std deviation = 141
Q1 = 22995; Q2 (Median) = 23072; Q3 = 23168
HPD Region (95%) : [22843; 23380] (95%) Age Cal. BP
Credibility Interval (95%) : [22840; 23370] Age Cal. BP

End (posterior distrib.)
MAP = 23035; Mean = 23091; Std deviation = 141
Q1 = 22995; Q2 (Median) = 23072; Q3 = 23168
HPD Region (95%) : [22843; 23380] (95%) Age Cal. BP
Credibility Interval (95%) : [22840; 23370] Age Cal. BP

Phase Time Range (95%) : [22842; 23373] Age Cal. BP

Duration (posterior distrib.)
MAP = 0; Mean = 0; Std deviation = 0
Q1 = 0; Q2 (Median) = 0; Q3 = 0

Phase : Blot c.32-22
Begin (posterior distrib.)
MAP = 26564; Mean = 26580; Std deviation = 179
Q1 = 26460; Q2 (Median) = 26579; Q3 = 26702
HPD Region (95%) : [26233; 26937] (95%) Age Cal. BP
Credibility Interval (95%) : [26230; 26928] Age Cal. BP

End (posterior distrib.)
MAP = 26004; Mean = 25991; Std deviation = 117
Q1 = 25921; Q2 (Median) = 25995; Q3 = 26066
HPD Region (95%) : [25750; 26218] (95%) Age Cal. BP
Credibility Interval (95%) : [25750; 26213] Age Cal. BP

Phase Time Range (95%) : [25743; 26926] Age Cal. BP

Duration (posterior distrib.)
MAP = 583; Mean = 589; Std deviation = 191
Q1 = 454; Q2 (Median) = 581; Q3 = 715
HPD Region (95%) : [224; 962] (95%) Years
Credibility Interval (95%) : [226; 956] Years

Phase : Fontgrasse c.1a
Begin (posterior distrib.)
MAP = 20048; Mean = 19986; Std deviation = 261
Q1 = 19831; Q2 (Median) = 20007; Q3 = 20163
HPD Region (95%) : [19464; 20475] (95%) Age Cal. BP
Credibility Interval (95%) : [19482; 20482] Age Cal. BP
End (posterior distrib.)
MAP = 19669 ; Mean = 19532 ; Std deviation = 455
Q1 = 19402 ; Q2 (Median) = 19621 ; Q3 = 19796
HPD Region ( 95 %) : [ 18666 ; 20232 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 18693 ; 20231 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 119 ; Mean = 469 ; Std deviation = 423
Q1 = 167 ; Q2 (Median) = 359 ; Q3 = 613
HPD Region ( 95 %) : [ 0 ; 1184 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 1160 ] Years

Phase : Peyrugues c.21B
Begin (posterior distrib.)
MAP = 27706 ; Mean = 27730 ; Std deviation = 156
Q1 = 27628 ; Q2 (Median) = 27722 ; Q3 = 27825
HPD Region ( 95 %) : [ 27430 ; 28050 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27434 ; 28047 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Tarte c.1b
Begin (posterior distrib.)
MAP = 30830 ; Mean = 30757 ; Std deviation = 257
Q1 = 30658 ; Q2 (Median) = 30798 ; Q3 = 30915
HPD Region ( 95 %) : [ 30277 ; 31182 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30275 ; 31167 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0
Phase : Gargas c.2-6
Begin (posterior distrib.)
MAP = 31389 ; Mean = 31396 ; Std deviation = 217
Q1 = 31251 ; Q2 (Median) = 31391 ; Q3 = 31536
HPD Region ( 95 %) : [ 30969 ; 31829 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30980 ; 31830 ] Age Cal. BP
End (posterior distrib.)
MAP = 31162 ; Mean = 31145 ; Std deviation = 175
Q1 = 31032 ; Q2 (Median) = 31150 ; Q3 = 31259
HPD Region ( 95 %) : [ 30792 ; 31485 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30805 ; 31490 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 30788 ; 31826 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 146 ; Mean = 252 ; Std deviation = 162
Q1 = 129 ; Q2 (Median) = 220 ; Q3 = 342
HPD Region ( 95 %) : [ 2 ; 567 ] (95%) Years
Credibility Interval ( 95 %) : [ 6 ; 564 ] Years

Phase : St. Aubin c.3
Begin (posterior distrib.)
MAP = 21652 ; Mean = 21650 ; Std deviation = 189
Q1 = 21530 ; Q2 (Median) = 21651 ; Q3 = 21769
HPD Region ( 95 %) : [ 21275 ; 22028 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21275 ; 22022 ] Age Cal. BP
End (posterior distrib.)
MAP = 21448 ; Mean = 21396 ; Std deviation = 208
Q1 = 21262 ; Q2 (Median) = 21412 ; Q3 = 21543
HPD Region ( 95 %) : [ 20968 ; 21779 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20975 ; 21776 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 20950 ; 22017 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 61 ; Mean = 261 ; Std deviation = 199
Q1 = 97 ; Q2 (Median) = 209 ; Q3 = 364
HPD Region ( 95 %) : [ 0 ; 655 ] (95%) Years
Credibility Interval ( 95 %) : [ 0 ; 649 ] Years

Phase : Taillis c.Vib
Begin (posterior distrib.)
MAP = 25202 ; Mean = 25176 ; Std deviation = 422
Q1 = 25001 ; Q2 (Median) = 25187 ; Q3 = 25364
HPD Region ( 95 %) : [ 24366 ; 25967 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24373 ; 25960 ] Age Cal. BP
End (posterior distrib.)
MAP = 25202 ; Mean = 25176 ; Std deviation = 422
Q1 = 25001 ; Q2 (Median) = 25187 ; Q3 = 25364
HPD Region ( 95 %) : [ 24366 ; 25967 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24373 ; 25960 ] Age Cal. BP

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Phase Time Range (95%) : [24370 ; 25958] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : PCB c.8a1
Begin (posterior distrib.)
MAP = 22477 ; Mean = 22423 ; Std deviation = 292
Q1 = 22282 ; Q2 (Median) = 22454 ; Q3 = 22611
HPD Region (95%) : [21853 ; 22962] (95%) Age Cal. BP
Credibility Interval (95%) : [21865 ; 22957] Age Cal. BP

End (posterior distrib.)
MAP = 22477 ; Mean = 22423 ; Std deviation = 292
Q1 = 22282 ; Q2 (Median) = 22454 ; Q3 = 22611
HPD Region (95%) : [21853 ; 22962] (95%) Age Cal. BP
Credibility Interval (95%) : [21865 ; 22957] Age Cal. BP

Phase Time Range (95%) : [21865 ; 22957] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Casserole c.7b
Begin (posterior distrib.)
MAP = 23336 ; Mean = 23390 ; Std deviation = 234
Q1 = 23230 ; Q2 (Median) = 23360 ; Q3 = 23512
HPD Region (95%) : [22973 ; 23874] (95%) Age Cal. BP
Credibility Interval (95%) : [22981 ; 23868] Age Cal. BP

End (posterior distrib.)
MAP = 23336 ; Mean = 23390 ; Std deviation = 234
Q1 = 23230 ; Q2 (Median) = 23360 ; Q3 = 23512
HPD Region (95%) : [22973 ; 23874] (95%) Age Cal. BP
Credibility Interval (95%) : [22981 ; 23868] Age Cal. BP

Phase Time Range (95%) : [22984 ; 23872] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Carane 3 c.1.2
Begin (posterior distrib.)
MAP = 28635 ; Mean = 28864 ; Std deviation = 470
Q1 = 28562 ; Q2 (Median) = 28747 ; Q3 = 29043
HPD Region (95%) : [28141 ; 29896] (95%) Age Cal. BP
Credibility Interval (95%) : [28153 ; 29875] Age Cal. BP
End (posterior distrib.)
MAP = 28635 ; Mean = 28864 ; Std deviation = 470
Q1 = 28562 ; Q2 (Median) = 28747 ; Q3 = 29043
HPD Region ( 95 %) : [ 28141 ; 29896 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28153 ; 29875 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 28153 ; 29878 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

**Phase : Pataud c.5**

Begin (posterior distrib.)
MAP = 32773 ; Mean = 33137 ; Std deviation = 776
Q1 = 32647 ; Q2 (Median) = 32952 ; Q3 = 33402
HPD Region ( 95 %) : [ 31956 ; 34821 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31995 ; 34815 ] Age Cal. BP

End (posterior distrib.)
MAP = 31994 ; Mean = 31993 ; Std deviation = 262
Q1 = 31812 ; Q2 (Median) = 31983 ; Q3 = 32161
HPD Region ( 95 %) : [ 31493 ; 32510 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31505 ; 32509 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 31370 ; 34776 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 763 ; Mean = 1145 ; Std deviation = 760
Q1 = 647 ; Q2 (Median) = 961 ; Q3 = 1401
HPD Region ( 95 %) : [ 56 ; 2726 ] (95%) Years
Credibility Interval ( 95 %) : [ 119 ; 2727 ] Years

**Phase : LHO c.B (11)**

Begin (posterior distrib.)
MAP = 28114 ; Mean = 28160 ; Std deviation = 194
Q1 = 28024 ; Q2 (Median) = 28152 ; Q3 = 28289
HPD Region ( 95 %) : [ 27798 ; 28552 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27798 ; 28542 ] Age Cal. BP

End (posterior distrib.)
MAP = 27485 ; Mean = 27438 ; Std deviation = 212
Q1 = 27325 ; Q2 (Median) = 27460 ; Q3 = 27580
HPD Region ( 95 %) : [ 26981 ; 27833 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26985 ; 27827 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 26982 ; 28585 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 665 ; Mean = 720 ; Std deviation = 274
Q1 = 526 ; Q2 (Median) = 701 ; Q3 = 894
HPD Region ( 95 %) : [ 205 ; 1267 ] (95%) Years
Credibility Interval ( 95 %) : [ 207 ; 1259 ] Years
Phase: Cuzoul c.31-29

Begin (posterior distrib.)
MAP = 23591 ; Mean = 23685 ; Std deviation = 216
Q1 = 23536 ; Q2 (Median) = 23656 ; Q3 = 23807
HPD Region (95%) : [23302 ; 24144] (95%) Age Cal. BP
Credibility Interval (95%) : [23306 ; 24137] Age Cal. BP

End (posterior distrib.)
MAP = 23046 ; Mean = 23074 ; Std deviation = 114
Q1 = 22995 ; Q2 (Median) = 23065 ; Q3 = 23145
HPD Region (95%) : [22866 ; 23310] (95%) Age Cal. BP
Credibility Interval (95%) : [22870 ; 23309] Age Cal. BP

Phase Time Range (95%) : [22847 ; 24123] Age Cal. BP

Duration (posterior distrib.)
MAP = 538 ; Mean = 610 ; Std deviation = 232
Q1 = 448 ; Q2 (Median) = 585 ; Q3 = 747
HPD Region (95%) : [188 ; 1082] (95%) Years
Credibility Interval (95%) : [202 ; 1086] Years

Phase: Flageolet c.VII

Begin (posterior distrib.)
MAP = 32902 ; Mean = 33145 ; Std deviation = 764
Q1 = 32647 ; Q2 (Median) = 33023 ; Q3 = 33477
HPD Region (95%) : [31854 ; 34714] (95%) Age Cal. BP
Credibility Interval (95%) : [31889 ; 34695] Age Cal. BP

End (posterior distrib.)
MAP = 32107 ; Mean = 32318 ; Std deviation = 434
Q1 = 32012 ; Q2 (Median) = 32267 ; Q3 = 32569
HPD Region (95%) : [31557 ; 33180] (95%) Age Cal. BP
Credibility Interval (95%) : [31568 ; 33163] Age Cal. BP

Phase Time Range (95%) : [31512 ; 34682] Age Cal. BP

Duration (posterior distrib.)
MAP = 218 ; Mean = 857 ; Std deviation = 712
Q1 = 306 ; Q2 (Median) = 663 ; Q3 = 1151
HPD Region (95%) : [0 ; 2229] (95%) Years
Credibility Interval (95%) : [0 ; 2198] Years

Phase: Tarte c.1c

Begin (posterior distrib.)
MAP = 31646 ; Mean = 31588 ; Std deviation = 288
Q1 = 31375 ; Q2 (Median) = 31596 ; Q3 = 31793
HPD Region (95%) : [31040 ; 32115] (95%) Age Cal. BP
Credibility Interval (95%) : [31035 ; 32098] Age Cal. BP

End (posterior distrib.)
MAP = 31134 ; Mean = 31133 ; Std deviation = 177
Q1 = 31036 ; Q2 (Median) = 31135 ; Q3 = 31236
HPD Region (95%) : [30779 ; 31486] (95%) Age Cal. BP
Credibility Interval (95%) : [30785 ; 31484] Age Cal. BP
Phase Time Range (95%) : [ 30792 ; 32138 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 414 ; Mean = 461 ; Std deviation = 285
Q1 = 218 ; Q2 (Median) = 430 ; Q3 = 651
HPD Region (95%) : [ 0 ; 965 ] (95%) Years
Credibility Interval (95%) : [ 0 ; 955 ] Years

Phase : Peyrugues c.22
Begin (posterior distrib.)
MAP = 28333 ; Mean = 28321 ; Std deviation = 206
Q1 = 28182 ; Q2 (Median) = 28324 ; Q3 = 28465
HPD Region (95%) : [ 27915 ; 28716 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 27919 ; 28711 ] Age Cal. BP
End (posterior distrib.)
MAP = 28012 ; Mean = 28070 ; Std deviation = 213
Q1 = 27921 ; Q2 (Median) = 28066 ; Q3 = 28217
HPD Region (95%) : [ 27666 ; 28488 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 27670 ; 28482 ] Age Cal. BP

Phase Time Range (95%) : [ 27669 ; 28699 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 57 ; Mean = 258 ; Std deviation = 192
Q1 = 95 ; Q2 (Median) = 208 ; Q3 = 367
HPD Region (95%) : [ 0 ; 632 ] (95%) Years
Credibility Interval (95%) : [ 0 ; 624 ] Years

Phase : Fontgrasse c.3
Begin (posterior distrib.)
MAP = 20651 ; Mean = 20610 ; Std deviation = 214
Q1 = 20473 ; Q2 (Median) = 20625 ; Q3 = 20763
HPD Region (95%) : [ 20185 ; 21012 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 20194 ; 21012 ] Age Cal. BP
End (posterior distrib.)
MAP = 20189 ; Mean = 20208 ; Std deviation = 242
Q1 = 20044 ; Q2 (Median) = 20201 ; Q3 = 20370
HPD Region (95%) : [ 19746 ; 20697 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 19753 ; 20695 ] Age Cal. BP

Phase Time Range (95%) : [ 19787 ; 21009 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 93 ; Mean = 409 ; Std deviation = 265
Q1 = 178 ; Q2 (Median) = 373 ; Q3 = 585
HPD Region (95%) : [ 0 ; 890 ] (95%) Years
Credibility Interval (95%) : [ 0 ; 882 ] Years
Phase : Taillis c.Vig
Begin (posterior distrib.)
MAP = 28980 ; Mean = 29052 ; Std deviation = 322
Q1 = 28854 ; Q2 (Median) = 29014 ; Q3 = 29196
HPD Region ( 95 %) : [ 28495 ; 29665 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28512 ; 29666 ] Age Cal. BP
End (posterior distrib.)
MAP = 28980 ; Mean = 29052 ; Std deviation = 322
Q1 = 28854 ; Q2 (Median) = 29014 ; Q3 = 29196
HPD Region ( 95 %) : [ 28495 ; 29665 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28512 ; 29666 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 28510 ; 29665 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Blot c.48-39
Begin (posterior distrib.)
MAP = 28485 ; Mean = 28422 ; Std deviation = 206
Q1 = 28310 ; Q2 (Median) = 28448 ; Q3 = 28562
HPD Region ( 95 %) : [ 28012 ; 28795 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28023 ; 28798 ] Age Cal. BP
End (posterior distrib.)
MAP = 26910 ; Mean = 27039 ; Std deviation = 332
Q1 = 26821 ; Q2 (Median) = 26968 ; Q3 = 27171
HPD Region ( 95 %) : [ 26508 ; 27781 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26517 ; 27771 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 26609 ; 28760 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 1519 ; Mean = 1382 ; Std deviation = 379
Q1 = 1185 ; Q2 (Median) = 1446 ; Q3 = 1645
HPD Region ( 95 %) : [ 565 ; 2043 ] (95%) Years
Credibility Interval ( 95 %) : [ 576 ; 2038 ] Years

Phase : PCB c.8a2
Begin (posterior distrib.)
MAP = 23192 ; Mean = 23311 ; Std deviation = 258
Q1 = 23126 ; Q2 (Median) = 23274 ; Q3 = 23450
HPD Region ( 95 %) : [ 22875 ; 23839 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22887 ; 23833 ] Age Cal. BP
End (posterior distrib.)
MAP = 23192 ; Mean = 23311 ; Std deviation = 258
Q1 = 23126 ; Q2 (Median) = 23274 ; Q3 = 23450
HPD Region ( 95 %) : [ 22875 ; 23839 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22887 ; 23833 ] Age Cal. BP
Phase Time Range ( 95 %) : [ 22885 ; 23832 ] Age Cal. BP
Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase: Gargas c.2-6bis
Begin (posterior distrib.)
MAP = 31616 ; Mean = 31631 ; Std deviation = 220
Q1 = 31482 ; Q2 (Median) = 31624 ; Q3 = 31774
HPD Region (95%) : [ 31208 ; 32074 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 31212 ; 32068 ] Age Cal. BP

End (posterior distrib.)
MAP = 31616 ; Mean = 31631 ; Std deviation = 220
Q1 = 31482 ; Q2 (Median) = 31624 ; Q3 = 31774
HPD Region (95%) : [ 31208 ; 32074 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 31212 ; 32068 ] Age Cal. BP

Phase Time Range (95%) : [ 31219 ; 32075 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase: St. Aubin c.4
Begin (posterior distrib.)
MAP = 21934 ; Mean = 22001 ; Std deviation = 253
Q1 = 21830 ; Q2 (Median) = 21972 ; Q3 = 22141
HPD Region (95%) : [ 21536 ; 22535 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 21540 ; 22525 ] Age Cal. BP

End (posterior distrib.)
MAP = 21934 ; Mean = 22001 ; Std deviation = 253
Q1 = 21830 ; Q2 (Median) = 21972 ; Q3 = 22141
HPD Region (95%) : [ 21536 ; 22535 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 21540 ; 22525 ] Age Cal. BP

Phase Time Range (95%) : [ 21547 ; 22532 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase: Casserole c.10b
Begin (posterior distrib.)
MAP = 26094 ; Mean = 26169 ; Std deviation = 188
Q1 = 26041 ; Q2 (Median) = 26138 ; Q3 = 26270
HPD Region (95%) : [ 25839 ; 26570 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 25850 ; 26571 ] Age Cal. BP

End (posterior distrib.)
MAP = 26094 ; Mean = 26169 ; Std deviation = 188
Q1 = 26041 ; Q2 (Median) = 26138 ; Q3 = 26270
HPD Region (95%) : [ 25839 ; 26570 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 25850 ; 26571 ] Age Cal. BP
Phase Time Range (95%) : [25844 ; 26566] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Phase : Carane 3 c. 1.3
Begin (posterior distrib.)
MAP = 30709 ; Mean = 30655 ; Std deviation = 721
Q1 = 30254 ; Q2 (Median) = 30650 ; Q3 = 30995
HPD Region (95%) : [29209 ; 32025] (95%) Age Cal. BP
Credibility Interval (95%) : [29222 ; 32011] Age Cal. BP

End (posterior distrib.)
MAP = 30709 ; Mean = 30655 ; Std deviation = 721
Q1 = 30254 ; Q2 (Median) = 30650 ; Q3 = 30995
HPD Region (95%) : [29209 ; 32025] (95%) Age Cal. BP
Credibility Interval (95%) : [29222 ; 32011] Age Cal. BP

Phase Time Range (95%) : [29189 ; 31983] Age Cal. BP

Duration (posterior distrib.)
MAP = 0 ; Mean = 0 ; Std deviation = 0
Q1 = 0 ; Q2 (Median) = 0 ; Q3 = 0

Begin (posterior distrib.)
MAP = 31188 ; Mean = 31338 ; Std deviation = 336
Q1 = 31099 ; Q2 (Median) = 31321 ; Q3 = 31571
HPD Region (95%) : [30719 ; 32000] (95%) Age Cal. BP
Credibility Interval (95%) : [30733 ; 31998] Age Cal. BP

End (posterior distrib.)
MAP = 28599 ; Mean = 28576 ; Std deviation = 183
Q1 = 28458 ; Q2 (Median) = 28584 ; Q3 = 28701
HPD Region (95%) : [28205 ; 28924] (95%) Age Cal. BP
Credibility Interval (95%) : [28211 ; 28922] Age Cal. BP

Phase Time Range (95%) : [28182 ; 31974] Age Cal. BP

Duration (posterior distrib.)
MAP = 2701 ; Mean = 2761 ; Std deviation = 374
Q1 = 2499 ; Q2 (Median) = 2751 ; Q3 = 3013
HPD Region (95%) : [2055 ; 3503] (95%) Years
Credibility Interval (95%) : [2039 ; 3469] Years

Phase : Pyrenees Middle Gravettian
Begin (posterior distrib.)
MAP = 31729 ; Mean = 31732 ; Std deviation = 226
Q1 = 31578 ; Q2 (Median) = 31727 ; Q3 = 31882
HPD Region (95%) : [31294 ; 32175] (95%) Age Cal. BP
Credibility Interval (95%) : [31296 ; 32166] Age Cal. BP
End (posterior distrib.)
MAP = 28691 ; Mean = 28692 ; Std deviation = 222
Q1 = 28545 ; Q2 (Median) = 28693 ; Q3 = 28845
HPD Region ( 95 %) : [ 28255 ; 29122 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28255 ; 29114 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 28246 ; 32169 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 3076 ; Mean = 3039 ; Std deviation = 315
Q1 = 2824 ; Q2 (Median) = 3038 ; Q3 = 3249
HPD Region ( 95 %) : [ 2425 ; 3653 ] (95%) Years
Credibility Interval ( 95 %) : [ 2430 ; 3645 ] Years

**Phase : Lower Gravettian**
Begin (posterior distrib.)
MAP = 33162 ; Mean = 33648 ; Std deviation = 876
Q1 = 33046 ; Q2 (Median) = 33434 ; Q3 = 34015
HPD Region ( 95 %) : [ 32320 ; 35648 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 32396 ; 35671 ] Age Cal. BP

End (posterior distrib.)
MAP = 31857 ; Mean = 31853 ; Std deviation = 238
Q1 = 31693 ; Q2 (Median) = 31850 ; Q3 = 32011
HPD Region ( 95 %) : [ 31386 ; 32321 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31391 ; 32317 ] Age Cal. BP

Phase Time Range ( 95 %) : [ 31245 ; 35599 ] Age Cal. BP

Duration (posterior distrib.)
MAP = 1330 ; Mean = 1797 ; Std deviation = 870
Q1 = 1200 ; Q2 (Median) = 1591 ; Q3 = 2164
HPD Region ( 95 %) : [ 456 ; 3739 ] (95%) Years
Credibility Interval ( 95 %) : [ 495 ; 3698 ] Years

Succession : from Blot c.48-39 to Blot c.32-22
Transition Range ( 95 %) : [ 26166 ; 27782 ] Age Cal. BP
No Gap

Succession : from Blot c.32-22 to Blot c.15
Transition Range ( 95 %) : [ 21548 ; 26214 ] Age Cal. BP
Gap Range ( 95 %) : [ 22300 ; 25709 ] Age Cal. BP

Succession : from Blot c.15 to Blot c.9
Transition Range ( 95 %) : [ 21060 ; 22317 ] Age Cal. BP
No Gap

Succession : from Recent Gravettian to Final Gravettian
Transition Range ( 95 %) : [ 26472 ; 27110 ] Age Cal. BP
No Gap

Succession : from Pataud c.3 to Pataud c.2
Transition Range ( 95 %) : [ 26335 ; 27657 ] Age Cal. BP
No Gap
Succession: from Peyrugues c.22 to Peyrugues c.21B
Transition Range (95%): [27432; 28471] Age Cal. BP
No Gap

Succession: from Peyrugues c.21B to Peyrugues c.20A
Transition Range (95%): [27210; 28062] Age Cal. BP
No Gap

Succession: from Peyrugues c.20A to Peyrugues c.20
Transition Range (95%): [26891; 27823] Age Cal. BP
No Gap

Succession: from Peyrugues c.20 to Peyrugues c.18
Transition Range (95%): [26259; 27700] Age Cal. BP
No Gap

Succession: from Peyrugues c.18 to Peyrugues c.14
Transition Range (95%): [25063; 26916] Age Cal. BP
No Gap

Succession: from Lower Gravettian to Pyrenees Middle Gravettian
Transition Range (95%): [31288; 32300] Age Cal. BP
No Gap

Succession: from Pyrenees Middle Gravettian to Recent Gravettian
Transition Range (95%): [28113; 29101] Age Cal. BP
No Gap

Succession: from Casserole c.10b to Casserole c.7b
Transition Range (95%): [22992; 26558] Age Cal. BP
Gap Range (95%): [23874; 25833] Age Cal. BP

Succession: from Casserole c.7b to Casserole c.7
Transition Range (95%): [22832; 23862] Age Cal. BP
No Gap

Succession: from Badegoulian to Lower Magdalenian
Transition Range (95%): [20644; 21188] Age Cal. BP
No Gap

Succession: from Cuzoul c.31-29 to Cuzoul c.27
Transition Range (95%): [22777; 23306] Age Cal. BP
No Gap

Succession: from Cuzoul c.27 to Cuzoul c.22
Transition Range (95%): [22734; 23092] Age Cal. BP
No Gap

Succession: from Cuzoul c.22 to Cuzoul c.21
Transition Range (95%): [22617; 22996] Age Cal. BP
No Gap
Succession: from Cuzoul c.21 to Cuzoul c.19
Transition Range (95%): [22561 ; 22947] Age Cal. BP
No Gap

Succession: from Cuzoul c.19 to Cuzoul c.18
Transition Range (95%): [22523 ; 22906] Age Cal. BP
No Gap

Succession: from Cuzoul c.15 to Cuzoul c.6
Transition Range (95%): [22215 ; 22725] Age Cal. BP
No Gap

Succession: from Fontgrasse c.3 to Fontgrasse c.1a
Transition Range (95%): [19458 ; 20712] Age Cal. BP
No Gap

Succession: from Gargas c.2-6bis to Gargas c.2-6
Transition Range (95%): [30979 ; 32072] Age Cal. BP
No Gap

Succession: from Gargas c.2-6 to Gargas c.2-5
Transition Range (95%): [30732 ; 31486] Age Cal. BP
No Gap

Succession: from Gargas c.2-5 to Gargas c.2-4
Transition Range (95%): [30558 ; 31284] Age Cal. BP
No Gap

Succession: from Gargas c.2-4 to Gargas c.2-3
Transition Range (95%): [30368 ; 31083] Age Cal. BP
No Gap

Succession: from Gargas c.2-3 to Gargas c.2-2
Transition Range (95%): [29898 ; 30704] Age Cal. BP
No Gap

Succession: from Gargas c.2-2 to Gargas c.2-1
Transition Range (95%): [29427 ; 30536] Age Cal. BP
No Gap

Succession: from LHO c.H' (8) to LHO c.H'' (6)
Transition Range (95%): [23673 ; 24694] Age Cal. BP
No Gap

Succession: from LHO c.H'' (6) to LHO c.H'''' (4)
Transition Range (95%): [23419 ; 24161] Age Cal. BP
No Gap

Succession: from St. Aubin c.4 to St. Aubin c.3
Transition Range (95%): [21230 ; 22532] Age Cal. BP
No Gap
Succession: from Taillis c.Vig to Taillis c.Vib
Transition Range (95%): [24392; 29801] Age Cal. BP
Gap Range (95%): [25827; 28510] Age Cal. BP

Succession: from Taillis c.Vib to Taillis c.AG-V
Transition Range (95%): [21411; 25877] Age Cal. BP
Gap Range (95%): [22577; 24469] Age Cal. BP

Succession: from Taillis c.AG-V to Taillis c.AG-IIIa
Transition Range (95%): [20311; 24587] Age Cal. BP
Gap Range (95%): [21001; 21547] Age Cal. BP

Succession: from Tarte c.1c to Tarte c.1b
Transition Range (95%): [30237; 31531] Age Cal. BP
No Gap

Succession: from Pataud c.4upper to Pataud c.3
Transition Range (95%): [27561; 31177] Age Cal. BP
No Gap

Succession: from Lower Gravettian to N. Gen. Mid. Grav.
Transition Range (95%): [30748; 32336] Age Cal. BP
No Gap

Succession: from N. Gen. Mid. Grav. to Recent Gravettian
Transition Range (95%): [28136; 28924] Age Cal. BP
No Gap

Succession: from Flageolet c.VII to Flageolet c.V
Transition Range (95%): [30422; 33215] Age Cal. BP
No Gap

Succession: from Lower Solutrean to Mid+Upper Solutrean
Transition Range (95%): [23867; 24694] Age Cal. BP
No Gap

Succession: from Mid+Upper Solutrean to Badegoulian
Transition Range (95%): [22792; 23137] Age Cal. BP
No Gap

Succession: from Carane 3 c.1.3 to Carane 3 c.1.2
Transition Range (95%): [28144; 31825] Age Cal. BP
No Gap

Succession: from Cuzoul c.18 to Cuzoul c.16
Transition Range (95%): [22463; 22863] Age Cal. BP
No Gap

Succession: from Cuzoul c.16 to Cuzoul c.15
Transition Range (95%): [22400; 22817] Age Cal. BP
No Gap
Succession: from Flageolet c.V to Flageolet c.IV
Transition Range (95%): [25698; 30510] Age Cal. BP
No Gap

Succession: from LHO c.B (11) to LHO c.D (10)
Transition Range (95%): [25683; 27797] Age Cal. BP
Gap Range (95%): [26147; 27024] Age Cal. BP

Succession: from LHO c.D (10) to LHO c.E (9)
Transition Range (95%): [25059; 25987] Age Cal. BP
No Gap

Succession: from LHO c.E (9) to LHO c.H' (8)
Transition Range (95%): [24435; 25703] Age Cal. BP
No Gap

Succession: from Final Gravettian to Protosol/Aurig.V
Transition Range (95%): [25710; 26162] Age Cal. BP
No Gap

Succession: from Protosol/Aurig.V to Lower Solutrean
Transition Range (95%): [24472; 25987] Age Cal. BP
No Gap

Succession: from Pataud c.5 to Pataud c.4lower
Transition Range (95%): [29500; 32609] Age Cal. BP
No Gap

Succession: from Pataud c.4lower to Pataud c.4upper
Transition Range (95%): [28552; 31913] Age Cal. BP
No Gap

Succession: from PCB c.8a2 to PCB c.8a1
Transition Range (95%): [21780; 23982] Age Cal. BP
Gap Range (95%): [22875; 22922] Age Cal. BP

Event: Ly-3864 (SacA-6560)
Posterior event date
MAP = 28982; Mean = 29053; Std deviation = 290
Q1 = 28856; Q2 (Median) = 29028; Q3 = 29222
HPD Region (95%): [28507; 29650] (95%) Age Cal. BP
Credibility Interval (95%): [28531; 29664] Age Cal. BP
Acceptance rate (all acquire iterations): 100% (AR: proposal = Double-Exponential)

Data: Ly-3864 (SacA-6560)
Posterior calib. date
MAP = 28975; Mean = 29020; Std deviation = 194
Q1 = 28882; Q2 (Median) = 29007; Q3 = 29153
HPD Region (95%): [28668; 29411] (95%) Age Cal. BP
Credibility Interval (95%): [28682; 29417] Age Cal. BP
Acceptance rate (all acquire iterations): 57% (MH: proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 125 ; Mean = 247 ; Std deviation = 267
Q1 = 108 ; Q2 (Median) = 181 ; Q3 = 299
HPD Region ( 95 %) : [ 0 ; 650 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 638 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : Wk-39841
Posterior event date
MAP = 23361 ; Mean = 23348 ; Std deviation = 201
Q1 = 23205 ; Q2 (Median) = 23345 ; Q3 = 23485
HPD Region ( 95 %) : [ 22968 ; 23732 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22971 ; 23725 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Wk-39841
Posterior calib. date
MAP = 23391 ; Mean = 23340 ; Std deviation = 156
Q1 = 23228 ; Q2 (Median) = 23344 ; Q3 = 23452
HPD Region ( 95 %) : [ 23039 ; 23630 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23036 ; 23619 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 99 ; Mean = 193 ; Std deviation = 200
Q1 = 85 ; Q2 (Median) = 145 ; Q3 = 236
HPD Region ( 95 %) : [ 0 ; 504 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 496 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3404 (GrA)
Posterior event date
MAP = 29037 ; Mean = 29093 ; Std deviation = 262
Q1 = 28924 ; Q2 (Median) = 29072 ; Q3 = 29245
HPD Region ( 95 %) : [ 28580 ; 29620 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28590 ; 29618 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-3404 (GrA)
Posterior calib. date
MAP = 29043 ; Mean = 29074 ; Std deviation = 164
Q1 = 28958 ; Q2 (Median) = 29067 ; Q3 = 29185
HPD Region ( 95 %) : [ 28769 ; 29402 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28770 ; 29395 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 99 ; Mean = 213 ; Std deviation = 223
Q1 = 90 ; Q2 (Median) = 154 ; Q3 = 258
HPD Region ( 95 %) : [ 0 ; 572 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 562 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1173 (OxA)
Posterior event date
MAP = 23509 ; Mean = 23444 ; Std deviation = 229
Q1 = 23283 ; Q2 (Median) = 23457 ; Q3 = 23609
HPD Region ( 95 %) : [ 22987 ; 23856 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22991 ; 23851 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1173 (OxA)
Posterior calib. date
MAP = 23527 ; Mean = 23478 ; Std deviation = 200
Q1 = 23346 ; Q2 (Median) = 23490 ; Q3 = 23614
HPD Region ( 95 %) : [ 23074 ; 23849 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23088 ; 23853 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 128 ; Mean = 246 ; Std deviation = 242
Q1 = 111 ; Q2 (Median) = 186 ; Q3 = 301
HPD Region ( 95 %) : [ 0 ; 635 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 623 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3406 (GrA)
Posterior event date
MAP = 29281 ; Mean = 29275 ; Std deviation = 265
Q1 = 29115 ; Q2 (Median) = 29275 ; Q3 = 29434
HPD Region ( 95 %) : [ 28726 ; 29816 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28748 ; 29828 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3406 (GrA)
Posterior calib. date
MAP = 29273 ; Mean = 29273 ; Std deviation = 163
Q1 = 29161 ; Q2 (Median) = 29276 ; Q3 = 29386
HPD Region ( 95 %) : [ 28954 ; 29582 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28959 ; 29577 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 102 ; Mean = 216 ; Std deviation = 222
Q1 = 92 ; Q2 (Median) = 157 ; Q3 = 263
HPD Region ( 95 %) : [ 0 ; 571 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 565 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : GifA-100634
Posterior event date
MAP = 23446 ; Mean = 23412 ; Std deviation = 261
Q1 = 23211 ; Q2 (Median) = 23413 ; Q3 = 23605
HPD Region ( 95 %) : [ 22926 ; 23887 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22925 ; 23869 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : GifA-100634
Posterior calib. date
MAP = 23504 ; Mean = 23464 ; Std deviation = 314
Q1 = 23249 ; Q2 (Median) = 23468 ; Q3 = 23674
HPD Region ( 95 %) : [ 22861 ; 24080 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22859 ; 24063 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 61 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 231 ; Mean = 433 ; Std deviation = 427
Q1 = 198 ; Q2 (Median) = 331 ; Q3 = 529
HPD Region ( 95 %) : [ 0 ; 1112 ] (95%)
Credibility Interval ( 95 %) : [ 8 ; 1091 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3405 (GrA)
Posterior event date
MAP = 29776 ; Mean = 29707 ; Std deviation = 312
Q1 = 29547 ; Q2 (Median) = 29739 ; Q3 = 29914
HPD Region ( 95 %) : [ 29062 ; 30298 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29060 ; 30281 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-3405 (GrA)
Posterior calib. date
MAP = 29765 ; Mean = 29818 ; Std deviation = 207
Q1 = 29670 ; Q2 (Median) = 29802 ; Q3 = 29956
HPD Region ( 95 %) : [ 29442 ; 30228 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29451 ; 30228 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 142 ; Mean = 293 ; Std deviation = 291
Q1 = 125 ; Q2 (Median) = 214 ; Q3 = 357
HPD Region ( 95 %) : [ 0 ; 772 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 760 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-10955 (Lyon-1674)
Posterior event date
MAP = 22439 ; Mean = 22334 ; Std deviation = 241
Q1 = 22271 ; Q2 (Median) = 22398 ; Q3 = 22477
HPD Region ( 95 %) : [ 21843 ; 22674 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21840 ; 22656 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-10955(Lyon-1674)
Posterior calib. date
MAP = 22496 ; Mean = 22528 ; Std deviation = 105
Q1 = 22460 ; Q2 (Median) = 22517 ; Q3 = 22586
HPD Region ( 95 %) : [ 22343 ; 22757 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22347 ; 22756 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 99 ; Mean = 239 ; Std deviation = 298
Q1 = 89 ; Q2 (Median) = 157 ; Q3 = 278
HPD Region ( 95 %) : [ 0 ; 705 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 684 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-100630
Posterior event date
MAP = 23553 ; Mean = 23463 ; Std deviation = 241
Q1 = 23293 ; Q2 (Median) = 23479 ; Q3 = 23637
HPD Region ( 95 %) : [ 22985 ; 23896 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22999 ; 23899 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-100630
Posterior calib. date
MAP = 23549 ; Mean = 23531 ; Std deviation = 228
Q1 = 23384 ; Q2 (Median) = 23542 ; Q3 = 23688
HPD Region ( 95 %) : [ 23075 ; 23953 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23088 ; 23954 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 151 ; Mean = 291 ; Std deviation = 279
Q1 = 131 ; Q2 (Median) = 219 ; Q3 = 355
HPD Region ( 95 %) : [ 0 ; 749 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 742 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : GrA-45016
Posterior event date
MAP = 26623 ; Mean = 26577 ; Std deviation = 208
Q1 = 26462 ; Q2 (Median) = 26599 ; Q3 = 26717
HPD Region ( 95 %) : [ 26131 ; 26961 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26142 ; 26964 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-45016
Posterior calib. date
MAP = 26673 ; Mean = 26701 ; Std deviation = 156
Q1 = 26592 ; Q2 (Median) = 26694 ; Q3 = 26803
HPD Region ( 95 %) : [ 26414 ; 27020 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26422 ; 27021 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 111 ; Mean = 234 ; Std deviation = 301
Q1 = 99 ; Q2 (Median) = 170 ; Q3 = 286
HPD Region ( 95 %) : [ 0 ; 630 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 619 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3401 (GrA)
Posterior event date
MAP = 29601 ; Mean = 29571 ; Std deviation = 284
Q1 = 29416 ; Q2 (Median) = 29587 ; Q3 = 29751
HPD Region ( 95 %) : [ 28985 ; 30139 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28992 ; 30133 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3401 (GrA)
Posterior calib. date
MAP = 29596 ; Mean = 29613 ; Std deviation = 179
Q1 = 29496 ; Q2 (Median) = 29603 ; Q3 = 29717
HPD Region ( 95 %) : [ 29264 ; 29990 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29265 ; 29982 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 119 ; Mean = 245 ; Std deviation = 245
Q1 = 105 ; Q2 (Median) = 180 ; Q3 = 296
HPD Region ( 95 %) : [ 0 ; 647 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 641 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-9074 & OxA-24963
Posterior event date
MAP = 22434 ; Mean = 22375 ; Std deviation = 177
Q1 = 22331 ; Q2 (Median) = 22412 ; Q3 = 22474
HPD Region ( 95 %) : [ 22039 ; 22635 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22049 ; 22634 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Combined (Lyon-9074 (SacA-28341) | OxA-24963)
Posterior calib. date
MAP = 22454 ; Mean = 22469 ; Std deviation = 69
Q1 = 22424 ; Q2 (Median) = 22464 ; Q3 = 22509
HPD Region ( 95 %) : [ 22341 ; 22611 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22342 ; 22608 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 61 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 59 ; Mean = 142 ; Std deviation = 181
Q1 = 51 ; Q2 (Median) = 89 ; Q3 = 158
HPD Region ( 95 %) : [ 0 ; 410 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 397 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Wk-35666
Posterior event date
MAP = 23614 ; Mean = 23565 ; Std deviation = 199
Q1 = 23452 ; Q2 (Median) = 23587 ; Q3 = 23700
HPD Region ( 95 %) : [ 23137 ; 23936 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23136 ; 23929 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35666
Posterior calib. date
MAP = 23653 ; Mean = 23646 ; Std deviation = 148
Q1 = 23553 ; Q2 (Median) = 23650 ; Q3 = 23744
HPD Region ( 95 %) : [ 23358 ; 23943 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23359 ; 23939 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 103 ; Mean = 204 ; Std deviation = 215
Q1 = 88 ; Q2 (Median) = 150 ; Q3 = 250
HPD Region ( 95 %) : [ 0 ; 537 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 526 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : GrA-45132**
Posterior event date
MAP = 26542 ; Mean = 26515 ; Std deviation = 208
Q1 = 26389 ; Q2 (Median) = 26530 ; Q3 = 26658
HPD Region ( 95 %) : [ 26079 ; 26907 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26083 ; 26904 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-45132
Posterior calib. date
MAP = 26545 ; Mean = 26589 ; Std deviation = 162
Q1 = 26482 ; Q2 (Median) = 26579 ; Q3 = 26691
HPD Region ( 95 %) : [ 26276 ; 26922 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26281 ; 26921 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 113 ; Mean = 226 ; Std deviation = 239
Q1 = 99 ; Q2 (Median) = 168 ; Q3 = 276
HPD Region ( 95 %) : [ 0 ; 593 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 581 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-3402 (GrA)**
Posterior event date
MAP = 30281 ; Mean = 30216 ; Std deviation = 210
Q1 = 30085 ; Q2 (Median) = 30239 ; Q3 = 30366
HPD Region ( 95 %) : [ 29788 ; 30600 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29796 ; 30599 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3402 (GrA)
Posterior calib. date
MAP = 30470 ; Mean = 30435 ; Std deviation = 195
Q1 = 30326 ; Q2 (Median) = 30450 ; Q3 = 30568
HPD Region ( 95 %) : [ 30000 ; 30794 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30004 ; 30792 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 53 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 131 ; Mean = 292 ; Std deviation = 301
Q1 = 123 ; Q2 (Median) = 215 ; Q3 = 356
HPD Region ( 95 %) : [ 0 ; 782 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 772 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-10974 (Lyon-1676)
Posterior event date
MAP = 22553 ; Mean = 22547 ; Std deviation = 96
Q1 = 22489 ; Q2 (Median) = 22550 ; Q3 = 22611
HPD Region ( 95 %) : [ 22362 ; 22737 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22361 ; 22732 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-10974(Lyon-1676)
Posterior calib. date
MAP = 22546 ; Mean = 22571 ; Std deviation = 99
Q1 = 22502 ; Q2 (Median) = 22561 ; Q3 = 22631
HPD Region ( 95 %) : [ 22390 ; 22775 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22400 ; 22779 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 61 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 74 ; Mean = 142 ; Std deviation = 145
Q1 = 64 ; Q2 (Median) = 107 ; Q3 = 175
HPD Region ( 95 %) : [ 0 ; 368 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 360 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-1174 (OxA)
Posterior event date
MAP = 24067 ; Mean = 24052 ; Std deviation = 211
Q1 = 23909 ; Q2 (Median) = 24052 ; Q3 = 24191
HPD Region ( 95 %) : [ 23639 ; 24463 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23650 ; 24464 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-1174 (OxA)
Posterior calib. date
MAP = 24150 ; Mean = 24173 ; Std deviation = 263
Q1 = 24003 ; Q2 (Median) = 24162 ; Q3 = 24327
HPD Region ( 95 %) : [ 23642 ; 24712 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23653 ; 24709 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 213 ; Mean = 389 ; Std deviation = 380
Q1 = 176 ; Q2 (Median) = 294 ; Q3 = 477
HPD Region ( 95 %) : [ 0 ; 991 ] (95%)
Credibility Interval ( 95 %) : [ 8 ; 984 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-45133
Posterior event date
MAP = 26115 ; Mean = 26177 ; Std deviation = 162
Q1 = 26068 ; Q2 (Median) = 26155 ; Q3 = 26264
HPD Region ( 95 %) : [ 25888 ; 26518 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25892 ; 26515 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-45133
Posterior calib. date
MAP = 26105 ; Mean = 26139 ; Std deviation = 113
Q1 = 26062 ; Q2 (Median) = 26125 ; Q3 = 26203
HPD Region ( 95 %) : [ 25935 ; 26373 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25939 ; 26373 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 68 ; Mean = 145 ; Std deviation = 162
Q1 = 62 ; Q2 (Median) = 105 ; Q3 = 175
HPD Region ( 95 %) : [ 0 ; 395 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 381 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3408 (GrA)
Posterior event date
MAP = 30276 ; Mean = 30206 ; Std deviation = 233
Q1 = 30058 ; Q2 (Median) = 30224 ; Q3 = 30372
HPD Region ( 95 %) : [ 29740 ; 30640 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29745 ; 30633 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3408 (GrA)
Posterior calib. date
MAP = 30980 ; Mean = 30961 ; Std deviation = 107
Q1 = 30890 ; Q2 (Median) = 30966 ; Q3 = 31036
HPD Region ( 95 %) : [ 30747 ; 31165 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30747 ; 31159 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 76 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 389 ; Mean = 623 ; Std deviation = 526
Q1 = 345 ; Q2 (Median) = 501 ; Q3 = 738
HPD Region ( 95 %) : [ 45 ; 1468 ] (95%)
Credibility Interval ( 95 %) : [ 73 ; 1436 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-24964**

Posterior event date
MAP = 22558 ; Mean = 22559 ; Std deviation = 108
Q1 = 22497 ; Q2 (Median) = 22564 ; Q3 = 22631
HPD Region ( 95 %) : [ 22352 ; 22771 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22355 ; 22770 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-24964
Posterior calib. date
MAP = 22978 ; Mean = 22973 ; Std deviation = 183
Q1 = 22857 ; Q2 (Median) = 22973 ; Q3 = 23089
HPD Region ( 95 %) : [ 22599 ; 23330 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22599 ; 23330 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 55 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 251 ; Mean = 410 ; Std deviation = 370
Q1 = 214 ; Q2 (Median) = 324 ; Q3 = 492
HPD Region ( 95 %) : [ 0 ; 989 ] (95%)
Credibility Interval ( 95 %) : [ 15 ; 979 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Wk-35671**

Posterior event date
MAP = 23821 ; Mean = 23856 ; Std deviation = 177
Q1 = 23735 ; Q2 (Median) = 23838 ; Q3 = 23958
HPD Region ( 95 %) : [ 23538 ; 24225 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23540 ; 24217 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35671
Posterior calib. date
MAP = 23703 ; Mean = 23706 ; Std deviation = 123
Q1 = 23625 ; Q2 (Median) = 23706 ; Q3 = 23791
HPD Region ( 95 %) : [ 23468 ; 23946 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23465 ; 23939 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 109 ; Mean = 214 ; Std deviation = 274
Q1 = 87 ; Q2 (Median) = 151 ; Q3 = 260
HPD Region ( 95 %) : [ 0 ; 597 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 572 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-45013
Posterior event date
MAP = 26063 ; Mean = 26107 ; Std deviation = 146
Q1 = 26015 ; Q2 (Median) = 26085 ; Q3 = 26172
HPD Region ( 95 %) : [ 25852 ; 26418 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25861 ; 26419 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-45013
Posterior calib. date
MAP = 26045 ; Mean = 26052 ; Std deviation = 92
Q1 = 25990 ; Q2 (Median) = 26046 ; Q3 = 26104
HPD Region ( 95 %) : [ 25875 ; 26242 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25877 ; 26239 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 63 ; Mean = 127 ; Std deviation = 206
Q1 = 52 ; Q2 (Median) = 90 ; Q3 = 152
HPD Region ( 95 %) : [ 0 ; 384 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 353 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3403 (GrA)
Posterior event date
MAP = 30478 ; Mean = 30478 ; Std deviation = 195
Q1 = 30354 ; Q2 (Median) = 30482 ; Q3 = 30610
HPD Region ( 95 %) : [ 30093 ; 30863 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30112 ; 30873 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3403 (GrA)
Posterior calib. date
MAP = 30352 ; Mean = 30315 ; Std deviation = 205
Q1 = 30189 ; Q2 (Median) = 30332 ; Q3 = 30461
HPD Region ( 95 %) : [ 29899 ; 30694 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29908 ; 30693 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 54 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 157 ; Mean = 309 ; Std deviation = 292
Q1 = 138 ; Q2 (Median) = 231 ; Q3 = 382
HPD Region ( 95 %) : [ 0 ; 804 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 796 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-10975 (Lyon-1677)
Posterior event date
MAP = 22634 ; Mean = 22640 ; Std deviation = 92
Q1 = 22580 ; Q2 (Median) = 22642 ; Q3 = 22702
HPD Region ( 95 %) : [ 22460 ; 22823 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22459 ; 22817 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-10975 (Lyon-1677)
Posterior calib. date
MAP = 23693 ; Mean = 23675 ; Std deviation = 263
Q1 = 23517 ; Q2 (Median) = 23689 ; Q3 = 23852
HPD Region ( 95 %) : [ 23105 ; 24160 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23102 ; 24143 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 67 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 575 ; Mean = 895 ; Std deviation = 713
Q1 = 524 ; Q2 (Median) = 725 ; Q3 = 1043
HPD Region ( 95 %) : [ 107 ; 2018 ] (95%)
Credibility Interval ( 95 %) : [ 182 ; 2003 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Wk-35667
Posterior event date
MAP = 24274 ; Mean = 24378 ; Std deviation = 249
Q1 = 24213 ; Q2 (Median) = 24329 ; Q3 = 24488
HPD Region ( 95 %) : [ 23966 ; 24919 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23973 ; 24912 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35667
Posterior calib. date
MAP = 24149 ; Mean = 24161 ; Std deviation = 135
Q1 = 24073 ; Q2 (Median) = 24163 ; Q3 = 24254
HPD Region ( 95 %) : [ 23893 ; 24425 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23894 ; 24420 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 114 ; Mean = 275 ; Std deviation = 304
Q1 = 103 ; Q2 (Median) = 185 ; Q3 = 327
HPD Region ( 95 %) : [ 0 ; 778 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 764 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-4500 (OxA)
Posterior event date
MAP = 30534 ; Mean = 30506 ; Std deviation = 182
Q1 = 30391 ; Q2 (Median) = 30513 ; Q3 = 30628
HPD Region ( 95 %) : [ 30139 ; 30857 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30138 ; 30850 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-4500 (OxA)
Posterior calib. date
MAP = 30469 ; Mean = 30445 ; Std deviation = 176
Q1 = 30344 ; Q2 (Median) = 30460 ; Q3 = 30568
HPD Region ( 95 %) : [ 30084 ; 30779 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30094 ; 30780 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 129 ; Mean = 252 ; Std deviation = 246
Q1 = 113 ; Q2 (Median) = 190 ; Q3 = 307
HPD Region ( 95 %) : [ 0 ; 646 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 640 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : OxA-162
Posterior event date
MAP = 26199 ; Mean = 26363 ; Std deviation = 273
Q1 = 26151 ; Q2 (Median) = 26354 ; Q3 = 26566
HPD Region ( 95 %) : [ 25877 ; 26875 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25895 ; 26880 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : OxA-162
Posterior calib. date
MAP = 26258 ; Mean = 26342 ; Std deviation = 429
Q1 = 26069 ; Q2 (Median) = 26336 ; Q3 = 26626
HPD Region ( 95 %) : [ 25526 ; 27214 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25561 ; 27234 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 63 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 328 ; Mean = 625 ; Std deviation = 613
Q1 = 285 ; Q2 (Median) = 479 ; Q3 = 772
HPD Region ( 95 %) : [ 0 ; 1580 ] (95%)
Credibility Interval ( 95 %) : [ 11 ; 1557 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-11118 (Lyon-1681)
Posterior event date
MAP = 22681 ; Mean = 22688 ; Std deviation = 89
Q1 = 22631 ; Q2 (Median) = 22689 ; Q3 = 22749
HPD Region ( 95 %) : [ 22514 ; 22863 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22519 ; 22864 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-11118(Lyon-1681)
Posterior calib. date
MAP = 22783 ; Mean = 22790 ; Std deviation = 133
Q1 = 22695 ; Q2 (Median) = 22781 ; Q3 = 22873
HPD Region ( 95 %) : [ 22541 ; 23048 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22543 ; 23043 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 55 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 104 ; Mean = 207 ; Std deviation = 207
Q1 = 92 ; Q2 (Median) = 155 ; Q3 = 253
HPD Region ( 95 %) : [ 0 ; 530 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 524 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-1336
Posterior event date
MAP = 21583 ; Mean = 21554 ; Std deviation = 191
Q1 = 21450 ; Q2 (Median) = 21572 ; Q3 = 21682
HPD Region ( 95 %) : [ 21150 ; 21907 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21156 ; 21904 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-1336
Posterior calib. date
MAP = 21579 ; Mean = 21601 ; Std deviation = 128
Q1 = 21518 ; Q2 (Median) = 21604 ; Q3 = 21693
HPD Region ( 95 %) : [ 21355 ; 21845 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21356 ; 21838 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 81 ; Mean = 168 ; Std deviation = 182
Q1 = 72 ; Q2 (Median) = 123 ; Q3 = 203
HPD Region ( 95 %) : [ 0 ; 454 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 442 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-1175 (OxA)

Posterior event date
MAP = 24500 ; Mean = 24619 ; Std deviation = 287
Q1 = 24409 ; Q2 (Median) = 24592 ; Q3 = 24807
HPD Region ( 95 %) : [ 24104 ; 25202 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24118 ; 25016 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-1175 (OxA)
Posterior calib. date
MAP = 24470 ; Mean = 24553 ; Std deviation = 236
Q1 = 24386 ; Q2 (Median) = 24526 ; Q3 = 24721
HPD Region ( 95 %) : [ 24130 ; 25023 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24138 ; 25019 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 143 ; Mean = 292 ; Std deviation = 306
Q1 = 129 ; Q2 (Median) = 217 ; Q3 = 355
HPD Region ( 95 %) : [ 0 ; 754 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 734 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3410 (GrA)

Posterior event date
MAP = 30637 ; Mean = 30589 ; Std deviation = 165
Q1 = 30488 ; Q2 (Median) = 30601 ; Q3 = 30702
HPD Region ( 95 %) : [ 30256 ; 30903 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30261 ; 30898 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3410 (GrA)
Posterior calib. date
MAP = 30677 ; Mean = 30648 ; Std deviation = 131
Q1 = 30566 ; Q2 (Median) = 30657 ; Q3 = 30738
HPD Region ( 95 %) : [ 30386 ; 30898 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30389 ; 30897 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 86 ; Mean = 171 ; Std deviation = 169
Q1 = 75 ; Q2 (Median) = 127 ; Q3 = 209
HPD Region ( 95 %) : [ 0 ; 445 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 438 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-165
Posterior event date
MAP = 27985 ; Mean = 27884 ; Std deviation = 407
Q1 = 27626 ; Q2 (Median) = 27919 ; Q3 = 28181
HPD Region ( 95 %) : [ 27056 ; 28627 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27056 ; 28611 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Combined (OxA-165 | OxA-164 | OxA-163)
Posterior calib. date
MAP = 27915 ; Mean = 27976 ; Std deviation = 322
Q1 = 27757 ; Q2 (Median) = 27964 ; Q3 = 28196
HPD Region ( 95 %) : [ 27380 ; 28619 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27389 ; 28615 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 206 ; Mean = 423 ; Std deviation = 436
Q1 = 186 ; Q2 (Median) = 316 ; Q3 = 521
HPD Region ( 95 %) : [ 0 ; 1099 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 1075 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-1337
Posterior event date
MAP = 21837 ; Mean = 21877 ; Std deviation = 209
Q1 = 21749 ; Q2 (Median) = 21854 ; Q3 = 21973
HPD Region ( 95 %) : [ 21483 ; 22297 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21495 ; 22299 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-1337
Posterior calib. date
MAP = 21828 ; Mean = 21823 ; Std deviation = 122
Q1 = 21747 ; Q2 (Median) = 21823 ; Q3 = 21897
HPD Region ( 95 %) : [ 21577 ; 22073 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21583 ; 22074 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 81 ; Mean = 171 ; Std deviation = 197
Q1 = 70 ; Q2 (Median) = 121 ; Q3 = 201
HPD Region ( 95 %) : [ 0 ; 473 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 465 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-9076 (SacA-28343)
Posterior event date
MAP = 22723 ; Mean = 22728 ; Std deviation = 88
Q1 = 22670 ; Q2 (Median) = 22730 ; Q3 = 22788
HPD Region ( 95 %) : [ 22557 ; 22901 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22560 ; 22901 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-9076 (SacA-28343)
Posterior calib. date
MAP = 22516 ; Mean = 22572 ; Std deviation = 130
Q1 = 22478 ; Q2 (Median) = 22567 ; Q3 = 22664
HPD Region ( 95 %) : [ 22338 ; 22833 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22346 ; 22835 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 51 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 108 ; Mean = 202 ; Std deviation = 191
Q1 = 94 ; Q2 (Median) = 157 ; Q3 = 248
HPD Region ( 95 %) : [ 0 ; 504 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 499 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-100632
Posterior event date
MAP = 24879 ; Mean = 24838 ; Std deviation = 308
Q1 = 24618 ; Q2 (Median) = 24850 ; Q3 = 25068
HPD Region ( 95 %) : [ 24249 ; 25406 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24263 ; 25404 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-100632
Posterior calib. date
MAP = 24969 ; Mean = 24873 ; Std deviation = 266
Q1 = 24675 ; Q2 (Median) = 24878 ; Q3 = 25069
HPD Region ( 95 %) : [ 24369 ; 25371 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24380 ; 25371 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 175 ; Mean = 332 ; Std deviation = 343
Q1 = 149 ; Q2 (Median) = 249 ; Q3 = 406
HPD Region ( 95 %) : [ 0 ; 856 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 845 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-3409 (GrA)**
Posterior event date
MAP = 30561 ; Mean = 30542 ; Std deviation = 202
Q1 = 30415 ; Q2 (Median) = 30554 ; Q3 = 30683
HPD Region ( 95 %) : [ 30136 ; 30927 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30135 ; 30916 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)
Data : Ly-3409 (GrA)
Posterior calib. date
MAP = 30660 ; Mean = 30578 ; Std deviation = 293
Q1 = 30407 ; Q2 (Median) = 30607 ; Q3 = 30781
HPD Region ( 95 %) : [ 29959 ; 31114 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29971 ; 31113 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 63 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 217 ; Mean = 419 ; Std deviation = 411
Q1 = 191 ; Q2 (Median) = 318 ; Q3 = 516
HPD Region ( 95 %) : [ 0 ; 1073 ] (95%)
Credibility Interval ( 95 %) : [ 10 ; 1059 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : GrA-34080**
Posterior event date
MAP = 24084 ; Mean = 24037 ; Std deviation = 216
Q1 = 23939 ; Q2 (Median) = 24064 ; Q3 = 24173
HPD Region ( 95 %) : [ 23595 ; 24430 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23611 ; 24434 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)
Data : GrA-34080
Posterior calib. date
MAP = 24113 ; Mean = 24115 ; Std deviation = 127
Q1 = 24031 ; Q2 (Median) = 24116 ; Q3 = 24202
HPD Region ( 95 %) : [ 23869 ; 24365 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23874 ; 24365 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 88 ; Mean = 187 ; Std deviation = 205
Q1 = 75 ; Q2 (Median) = 131 ; Q3 = 223
HPD Region ( 95 %) : [ 0 ; 515 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 506 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OXA-599
Posterior event date
MAP = 26953 ; Mean = 27228 ; Std deviation = 441
Q1 = 26906 ; Q2 (Median) = 27124 ; Q3 = 27466
HPD Region ( 95 %) : [ 26552 ; 28201 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26563 ; 28181 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OXA-599
Posterior calib. date
MAP = 26846 ; Mean = 26472 ; Std deviation = 477
Q1 = 26137 ; Q2 (Median) = 26503 ; Q3 = 26846
HPD Region ( 95 %) : [ 25562 ; 27322 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25600 ; 27330 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 52 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 442 ; Mean = 885 ; Std deviation = 849
Q1 = 397 ; Q2 (Median) = 670 ; Q3 = 1082
HPD Region ( 95 %) : [ 0 ; 2285 ] (95%)
Credibility Interval ( 95 %) : [ 11 ; 2249 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1643
Posterior event date
MAP = 26039 ; Mean = 26141 ; Std deviation = 226
Q1 = 25988 ; Q2 (Median) = 26098 ; Q3 = 26256
HPD Region ( 95 %) : [ 25763 ; 26650 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25780 ; 26657 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1643
Posterior calib. date
MAP = 25823 ; Mean = 25777 ; Std deviation = 178
Q1 = 25674 ; Q2 (Median) = 25792 ; Q3 = 25896
HPD Region ( 95 %) : [ 25406 ; 26112 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25411 ; 26110 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 210 ; Mean = 399 ; Std deviation = 407
Q1 = 183 ; Q2 (Median) = 302 ; Q3 = 489
HPD Region ( 95 %) : [ 0 ; 1016 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 1006 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-9075 (SacA-28342)
Posterior event date
MAP = 22784 ; Mean = 22781 ; Std deviation = 84
Q1 = 22726 ; Q2 (Median) = 22783 ; Q3 = 22839
HPD Region ( 95 %) : [ 22615 ; 22944 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22614 ; 22939 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-9075 (SacA-28342)
Posterior calib. date
MAP = 22762 ; Mean = 22755 ; Std deviation = 111
Q1 = 22683 ; Q2 (Median) = 22758 ; Q3 = 22830
HPD Region ( 95 %) : [ 22531 ; 22964 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22534 ; 22963 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 61 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 78 ; Mean = 153 ; Std deviation = 150
Q1 = 70 ; Q2 (Median) = 116 ; Q3 = 188
HPD Region ( 95 %) : [ 0 ; 388 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 383 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : WK-35673
Posterior event date
MAP = 25423 ; Mean = 25381 ; Std deviation = 176
Q1 = 25278 ; Q2 (Median) = 25390 ; Q3 = 25498
HPD Region ( 95 %) : [ 25028 ; 25719 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25026 ; 25710 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : WK-35673
Posterior calib. date
MAP = 25443 ; Mean = 25406 ; Std deviation = 122
Q1 = 25322 ; Q2 (Median) = 25410 ; Q3 = 25491
HPD Region ( 95 %) : [ 25167 ; 25637 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25172 ; 25636 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 77 ; Mean = 156 ; Std deviation = 158
Q1 = 68 ; Q2 (Median) = 116 ; Q3 = 191
HPD Region ( 95 %) : [ 0 ; 405 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 403 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-4618 (SacA-9679)**
Posterior event date
MAP = 30844 ; Mean = 30841 ; Std deviation = 172
Q1 = 30728 ; Q2 (Median) = 30843 ; Q3 = 30957
HPD Region ( 95 %) : [ 30505 ; 31175 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30504 ; 31165 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-4618 (SacA-9679)
Posterior calib. date
MAP = 31532 ; Mean = 31742 ; Std deviation = 400
Q1 = 31455 ; Q2 (Median) = 31667 ; Q3 = 31968
HPD Region ( 95 %) : [ 31079 ; 32583 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31089 ; 32564 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 598 ; Mean = 960 ; Std deviation = 1148
Q1 = 519 ; Q2 (Median) = 761 ; Q3 = 1141
HPD Region ( 95 %) : [ 0 ; 2339 ] (95%)
Credibility Interval ( 95 %) : [ 119 ; 2294 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : GrA-34093**
Posterior event date
MAP = 23615 ; Mean = 23614 ; Std deviation = 231
Q1 = 23473 ; Q2 (Median) = 23615 ; Q3 = 23757
HPD Region ( 95 %) : [ 23129 ; 24075 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23147 ; 24085 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-34093
Posterior calib. date
MAP = 23609 ; Mean = 23614 ; Std deviation = 146
Q1 = 23523 ; Q2 (Median) = 23616 ; Q3 = 23710
HPD Region ( 95 %) : [ 23333 ; 23913 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23340 ; 23913 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 93 ; Mean = 187 ; Std deviation = 186
Q1 = 82 ; Q2 (Median) = 138 ; Q3 = 229
HPD Region ( 95 %) : [ 0 ; 497 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 487 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-95474
Posterior event date
MAP = 25915 ; Mean = 25801 ; Std deviation = 488
Q1 = 25664 ; Q2 (Median) = 25883 ; Q3 = 26067
HPD Region ( 95 %) : [ 25014 ; 26533 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25037 ; 26523 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-95474
Posterior calib. date
MAP = 25939 ; Mean = 25933 ; Std deviation = 219
Q1 = 25802 ; Q2 (Median) = 25932 ; Q3 = 26062
HPD Region ( 95 %) : [ 25500 ; 26402 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25516 ; 26410 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 165 ; Mean = 343 ; Std deviation = 452
Q1 = 133 ; Q2 (Median) = 229 ; Q3 = 386
HPD Region ( 95 %) : [ 0 ; 939 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 918 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1644
Posterior event date
MAP = 26058 ; Mean = 26149 ; Std deviation = 215
Q1 = 26003 ; Q2 (Median) = 26109 ; Q3 = 26260
HPD Region ( 95 %) : [ 25782 ; 26624 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25790 ; 26620 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1644
Posterior calib. date
MAP = 25920 ; Mean = 25924 ; Std deviation = 183
Q1 = 25815 ; Q2 (Median) = 25923 ; Q3 = 26031
HPD Region ( 95 %) : [ 25548 ; 26303 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25549 ; 26296 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 157 ; Mean = 314 ; Std deviation = 377
Q1 = 133 ; Q2 (Median) = 228 ; Q3 = 380
HPD Region ( 95 %) : [ 0 ; 850 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 817 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : OxA-685
Posterior event date
MAP = 27446 ; Mean = 27518 ; Std deviation = 453
Q1 = 27176 ; Q2 (Median) = 27490 ; Q3 = 27835
HPD Region ( 95 %) : [ 26706 ; 28395 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26709 ; 28378 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : OxA-685
Posterior calib. date
MAP = 27502 ; Mean = 27441 ; Std deviation = 405
Q1 = 27197 ; Q2 (Median) = 27454 ; Q3 = 27689
HPD Region ( 95 %) : [ 26597 ; 28245 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26598 ; 28231 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 283 ; Mean = 539 ; Std deviation = 538
Q1 = 243 ; Q2 (Median) = 412 ; Q3 = 661
HPD Region ( 95 %) : [ 0 ; 1379 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 1360 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Lyon-9077 (SacA-28344)
Posterior event date
MAP = 22866 ; Mean = 22856 ; Std deviation = 84
Q1 = 22800 ; Q2 (Median) = 22858 ; Q3 = 22914
HPD Region ( 95 %) : [ 22689 ; 23021 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22694 ; 23022 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Lyon-9077 (SacA-28344)
Posterior calib. date
MAP = 22826 ; Mean = 22821 ; Std deviation = 115
Q1 = 22748 ; Q2 (Median) = 22825 ; Q3 = 22898
HPD Region ( 95 %) : [ 22584 ; 23037 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22586 ; 23035 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 88 ; Mean = 164 ; Std deviation = 159
Q1 = 75 ; Q2 (Median) = 124 ; Q3 = 200
HPD Region ( 95 %) : [ 0 ; 420 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 415 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Wk-35656
Posterior event date
MAP = 25902 ; Mean = 25831 ; Std deviation = 157
Q1 = 25752 ; Q2 (Median) = 25861 ; Q3 = 25941
HPD Region ( 95 %) : [ 25496 ; 26094 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25493 ; 26083 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35656
Posterior calib. date
MAP = 26005 ; Mean = 26010 ; Std deviation = 99
Q1 = 25944 ; Q2 (Median) = 26004 ; Q3 = 26068
HPD Region ( 95 %) : [ 25820 ; 26208 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25824 ; 26208 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 102 ; Mean = 218 ; Std deviation = 224
Q1 = 91 ; Q2 (Median) = 158 ; Q3 = 267
HPD Region ( 95 %) : [ 0 ; 582 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 576 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3411 (GrA)
Posterior event date
MAP = 30818 ; Mean = 30805 ; Std deviation = 170
Q1 = 30694 ; Q2 (Median) = 30808 ; Q3 = 30920
HPD Region ( 95 %) : [ 30474 ; 31130 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30473 ; 31130 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3411 (GrA)
Posterior calib. date
MAP = 29211 ; Mean = 29180 ; Std deviation = 169
Q1 = 29063 ; Q2 (Median) = 29182 ; Q3 = 29300
HPD Region ( 95 %) : [ 28859 ; 29503 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28868 ; 29505 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 82 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 843 ; Mean = 1312 ; Std deviation = 977
Q1 = 794 ; Q2 (Median) = 1065 ; Q3 = 1513
HPD Region ( 95 %) : [ 263 ; 2933 ] (95%)
Credibility Interval ( 95 %) : [ 369 ; 2860 ]
Acceptance rate (all acquire iterations) : 43 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10175 (SacA-32842)
Posterior event date
MAP = 19844 ; Mean = 19827 ; Std deviation = 295
Q1 = 19700 ; Q2 (Median) = 19841 ; Q3 = 19979
HPD Region ( 95 %) : [ 19281 ; 20397 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19288 ; 20391 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-10175 (SacA-32842)
Posterior calib. date
MAP = 19836 ; Mean = 19841 ; Std deviation = 132
Q1 = 19746 ; Q2 (Median) = 19842 ; Q3 = 19936
HPD Region ( 95 %) : [ 19588 ; 20087 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19590 ; 20082 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 90 ; Mean = 197 ; Std deviation = 240
Q1 = 77 ; Q2 (Median) = 132 ; Q3 = 226
HPD Region ( 95 %) : [ 0 ; 555 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 545 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-34079
Posterior event date
MAP = 23602 ; Mean = 23604 ; Std deviation = 231
Q1 = 23464 ; Q2 (Median) = 23605 ; Q3 = 23747
HPD Region ( 95 %) : [ 23112 ; 24059 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23108 ; 24047 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-34079
Posterior calib. date
MAP = 23604 ; Mean = 23602 ; Std deviation = 147
Q1 = 23512 ; Q2 (Median) = 23605 ; Q3 = 23698
HPD Region ( 95 %) : [ 23317 ; 23907 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23324 ; 23906 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 98 ; Mean = 193 ; Std deviation = 201
Q1 = 84 ; Q2 (Median) = 141 ; Q3 = 234
HPD Region ( 95 %) : [ 0 ; 508 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 505 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-92169
Posterior event date
MAP = 26514 ; Mean = 26476 ; Std deviation = 240
Q1 = 26310 ; Q2 (Median) = 26489 ; Q3 = 26651
HPD Region ( 95 %) : [ 26003 ; 26915 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26015 ; 26915 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-92169
Posterior calib. date
MAP = 26560 ; Mean = 26567 ; Std deviation = 268
Q1 = 26376 ; Q2 (Median) = 26559 ; Q3 = 26749
HPD Region ( 95 %) : [ 26066 ; 27090 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26082 ; 27093 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 193 ; Mean = 359 ; Std deviation = 407
Q1 = 163 ; Q2 (Median) = 273 ; Q3 = 440
HPD Region ( 95 %) : [ 0 ; 946 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 910 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-596
Posterior event date
MAP = 27445 ; Mean = 27276 ; Std deviation = 950
Q1 = 26887 ; Q2 (Median) = 27390 ; Q3 = 27826
HPD Region ( 95 %) : [ 25574 ; 28941 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25626 ; 28943 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-596
Posterior calib. date
MAP = 27501 ; Mean = 27396 ; Std deviation = 481
Q1 = 27116 ; Q2 (Median) = 27436 ; Q3 = 27699
HPD Region ( 95 %) : [ 26394 ; 28356 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26424 ; 28370 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 309 ; Mean = 682 ; Std deviation = 836
Q1 = 271 ; Q2 (Median) = 465 ; Q3 = 788
HPD Region ( 95 %) : [ 0 ; 1897 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 1854 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-1645**

Posterior event date
MAP = 26278 ; Mean = 26328 ; Std deviation = 237
Q1 = 26151 ; Q2 (Median) = 26313 ; Q3 = 26494
HPD Region ( 95 %) : [ 25904 ; 26793 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25914 ; 26790 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1645
Posterior calib. date
MAP = 26195 ; Mean = 26305 ; Std deviation = 222
Q1 = 26145 ; Q2 (Median) = 26288 ; Q3 = 26445
HPD Region ( 95 %) : [ 25895 ; 26749 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25899 ; 26742 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 154 ; Mean = 285 ; Std deviation = 277
Q1 = 131 ; Q2 (Median) = 218 ; Q3 = 352
HPD Region ( 95 %) : [ 0 ; 731 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 719 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-686**

Posterior event date
MAP = 28146 ; Mean = 27941 ; Std deviation = 458
Q1 = 27653 ; Q2 (Median) = 28014 ; Q3 = 28290
HPD Region ( 95 %) : [ 26988 ; 28705 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27002 ; 28693 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-686
Posterior calib. date
MAP = 28170 ; Mean = 28296 ; Std deviation = 462
Q1 = 27980 ; Q2 (Median) = 28264 ; Q3 = 28575
HPD Region ( 95 %) : [ 27434 ; 29253 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27459 ; 29261 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 377 ; Mean = 738 ; Std deviation = 710
Q1 = 329 ; Q2 (Median) = 557 ; Q3 = 905
HPD Region ( 95 %) : [ 0 ; 1908 ] (95%) Credibility Interval ( 95 %) : [ 12 ; 1891 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-10976 (Lyon-1678)
Posterior event date
MAP = 22881 ; Mean = 22874 ; Std deviation = 86
Q1 = 22818 ; Q2 (Median) = 22877 ; Q3 = 22932
HPD Region ( 95 %) : [ 22702 ; 23040 ] (95%) Age Cal. BP Credibility Interval ( 95 %) : [ 22701 ; 23035 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-10976(Lyon-1678)
Posterior calib. date
MAP = 23023 ; Mean = 23076 ; Std deviation = 155
Q1 = 22969 ; Q2 (Median) = 23057 ; Q3 = 23170
HPD Region ( 95 %) : [ 22801 ; 23409 ] (95%) Age Cal. BP Credibility Interval ( 95 %) : [ 22813 ; 23414 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 50 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 143 ; Mean = 264 ; Std deviation = 245
Q1 = 126 ; Q2 (Median) = 204 ; Q3 = 324
HPD Region ( 95 %) : [ 0 ; 664 ] (95%) Credibility Interval ( 95 %) : [ 5 ; 656 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : WK-35653
Posterior event date
MAP = 25866 ; Mean = 25817 ; Std deviation = 159
Q1 = 25736 ; Q2 (Median) = 25845 ; Q3 = 25929
HPD Region ( 95 %) : [ 25481 ; 26089 ] (95%) Age Cal. BP Credibility Interval ( 95 %) : [ 25485 ; 26085 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : WK-35653
Posterior calib. date
MAP = 25961 ; Mean = 25985 ; Std deviation = 114
Q1 = 25912 ; Q2 (Median) = 25979 ; Q3 = 26051
HPD Region ( 95 %) : [ 25763 ; 26217 ] (95%) Age Cal. BP Credibility Interval ( 95 %) : [ 25762 ; 26211 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 116 ; Mean = 223 ; Std deviation = 244
Q1 = 97 ; Q2 (Median) = 166 ; Q3 = 276
HPD Region ( 95 %) : [ 0 ; 595 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 578 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : Lyon-10230 (SacA-33705)
Posterior event date
MAP = 20047 ; Mean = 20035 ; Std deviation = 274
Q1 = 19922 ; Q2 (Median) = 20051 ; Q3 = 20177
HPD Region ( 95 %) : [ 19527 ; 20557 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19542 ; 20558 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Lyon-10230 (SacA-33705)
Posterior calib. date
MAP = 20046 ; Mean = 20051 ; Std deviation = 126
Q1 = 19972 ; Q2 (Median) = 20052 ; Q3 = 20134
HPD Region ( 95 %) : [ 19801 ; 20306 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19798 ; 20298 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 87 ; Mean = 184 ; Std deviation = 265
Q1 = 71 ; Q2 (Median) = 123 ; Q3 = 209
HPD Region ( 95 %) : [ 0 ; 520 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 506 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-4501 (OxA)
Posterior event date
MAP = 31095 ; Mean = 31046 ; Std deviation = 163
Q1 = 30944 ; Q2 (Median) = 31060 ; Q3 = 31159
HPD Region ( 95 %) : [ 30716 ; 31354 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30727 ; 31358 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-4501 (OxA)
Posterior calib. date
MAP = 31175 ; Mean = 31168 ; Std deviation = 102
Q1 = 31101 ; Q2 (Median) = 31168 ; Q3 = 31236
HPD Region ( 95 %) : [ 30970 ; 31373 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30967 ; 31367 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 79 ; Mean = 177 ; Std deviation = 197
Q1 = 71 ; Q2 (Median) = 124 ; Q3 = 215
HPD Region ( 95 %) : [ 0 ; 485 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 479 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1646
Posterior event date
MAP = 26373 ; Mean = 26390 ; Std deviation = 242
Q1 = 26213 ; Q2 (Median) = 26387 ; Q3 = 26565
HPD Region ( 95 %) : [ 25937 ; 26849 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25943 ; 26842 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1646
Posterior calib. date
MAP = 26409 ; Mean = 26418 ; Std deviation = 234
Q1 = 26247 ; Q2 (Median) = 26403 ; Q3 = 26566
HPD Region ( 95 %) : [ 25993 ; 26896 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25989 ; 26882 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 164 ; Mean = 305 ; Std deviation = 298
Q1 = 138 ; Q2 (Median) = 229 ; Q3 = 370
HPD Region ( 95 %) : [ 0 ; 790 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 779 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-34087
Posterior event date
MAP = 23489 ; Mean = 23489 ; Std deviation = 240
Q1 = 23331 ; Q2 (Median) = 23484 ; Q3 = 23632
HPD Region ( 95 %) : [ 23007 ; 23956 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 23002 ; 23941 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-34087
Posterior calib. date
MAP = 23506 ; Mean = 23473 ; Std deviation = 156
Q1 = 23375 ; Q2 (Median) = 23483 ; Q3 = 23577
HPD Region ( 95 %) : [ 23142 ; 23766 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 23150 ; 23766 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 96 ; Mean = 201 ; Std deviation = 206
Q1 = 87 ; Q2 (Median) = 148 ; Q3 = 246
HPD Region ( 95 %) : [ 0 ; 527 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 518 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-9942 (SacA 32188)
Posterior event date
MAP = 27694 ; Mean = 27705 ; Std deviation = 246
Q1 = 27567 ; Q2 (Median) = 27705 ; Q3 = 27843
HPD Region ( 95 %) : [ 27206 ; 28241 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27209 ; 28234 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-9942(SacA 32188)
Posterior calib. date
MAP = 27703 ; Mean = 27708 ; Std deviation = 143
Q1 = 27616 ; Q2 (Median) = 27705 ; Q3 = 27795
HPD Region ( 95 %) : [ 27423 ; 27985 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27433 ; 27988 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 90 ; Mean = 193 ; Std deviation = 203
Q1 = 81 ; Q2 (Median) = 139 ; Q3 = 234
HPD Region ( 95 %) : [ 0 ; 518 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 511 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-96224
Posterior event date
MAP = 26611 ; Mean = 26551 ; Std deviation = 233
Q1 = 26405 ; Q2 (Median) = 26571 ; Q3 = 26716
HPD Region ( 95 %) : [ 26067 ; 26975 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26068 ; 26965 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-96224
Posterior calib. date
MAP = 26698 ; Mean = 26798 ; Std deviation = 267
Q1 = 26617 ; Q2 (Median) = 26779 ; Q3 = 26982
HPD Region ( 95 %) : [ 26301 ; 27339 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26303 ; 27329 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 52 % (MH : proposal = distribution of calibrated date)
### Event: OxA-597

**Posterior event date**

MAP = 28919 ; Mean = 29467 ; Std deviation = 722  
Q1 = 28917 ; Q2 (Median) = 29338 ; Q3 = 29882  
HPD Region ( 95 %) : [ 28312 ; 30974 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 28313 ; 30925 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

**Data: OxA-597**

**Posterior calib. date**

MAP = 28972 ; Mean = 29160 ; Std deviation = 593  
Q1 = 28760 ; Q2 (Median) = 29122 ; Q3 = 29528  
HPD Region ( 95 %) : [ 28045 ; 30412 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 28067 ; 30413 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

### Event: OxA-584

**Posterior event date**

MAP = 28755 ; Mean = 29093 ; Std deviation = 599  
Q1 = 28691 ; Q2 (Median) = 28941 ; Q3 = 29339  
HPD Region ( 95 %) : [ 28201 ; 30400 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 28234 ; 30386 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

**Data: OxA-584**

**Posterior calib. date**

MAP = 28611 ; Mean = 28617 ; Std deviation = 438  
Q1 = 28335 ; Q2 (Median) = 28610 ; Q3 = 28888  
HPD Region ( 95 %) : [ 27755 ; 29475 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 27760 ; 29462 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 55 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 330 ; Mean = 708 ; Std deviation = 780
Q1 = 288 ; Q2 (Median) = 496 ; Q3 = 850
HPD Region ( 95 %) : [ 0 ; 1968 ] (95%) Credibility Interval ( 95 %) : [ 12 ; 1923 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-374
Posterior event date
MAP = 29685 ; Mean = 29812 ; Std deviation = 736
Q1 = 29248 ; Q2 (Median) = 29788 ; Q3 = 30349
HPD Region ( 95 %) : [ 28478 ; 31174 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28510 ; 31170 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-374
Posterior calib. date
MAP = 29945 ; Mean = 30035 ; Std deviation = 734
Q1 = 29531 ; Q2 (Median) = 30041 ; Q3 = 30563
HPD Region ( 95 %) : [ 28613 ; 31378 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28639 ; 31361 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 518 ; Mean = 970 ; Std deviation = 943
Q1 = 439 ; Q2 (Median) = 734 ; Q3 = 1194
HPD Region ( 95 %) : [ 0 ; 2510 ] (95)
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-9078 (SacA-28345)
Posterior event date
MAP = 22939 ; Mean = 22940 ; Std deviation = 78
Q1 = 22889 ; Q2 (Median) = 22941 ; Q3 = 22992
HPD Region ( 95 %) : [ 22786 ; 23094 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22792 ; 23096 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-9078 (SacA-28345)
Posterior calib. date
MAP = 22983 ; Mean = 23001 ; Std deviation = 127
Q1 = 22921 ; Q2 (Median) = 22992 ; Q3 = 23071
HPD Region ( 95 %) : [ 22761 ; 23279 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22760 ; 23273 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 100 ; Mean = 189 ; Std deviation = 187
Q1 = 86 ; Q2 (Median) = 144 ; Q3 = 233
HPD Region ( 95 %) : [ 0 ; 478 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 477 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Wk-35655
Posterior event date
MAP = 25889 ; Mean = 25807 ; Std deviation = 176
Q1 = 25708 ; Q2 (Median) = 25837 ; Q3 = 25934
HPD Region ( 95 %) : [ 25437 ; 26103 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25436 ; 26093 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35655
Posterior calib. date
MAP = 26083 ; Mean = 26136 ; Std deviation = 143
Q1 = 26036 ; Q2 (Median) = 26119 ; Q3 = 26218
HPD Region ( 95 %) : [ 25883 ; 26437 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25891 ; 26440 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 191 ; Mean = 347 ; Std deviation = 326
Q1 = 164 ; Q2 (Median) = 266 ; Q3 = 421
HPD Region ( 95 %) : [ 0 ; 878 ] (95%)
Credibility Interval ( 95 %) : [ 9 ; 870 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1647
Posterior event date
MAP = 26077 ; Mean = 26217 ; Std deviation = 263
Q1 = 26027 ; Q2 (Median) = 26171 ; Q3 = 26388
HPD Region ( 95 %) : [ 25780 ; 26774 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25788 ; 26768 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1647
Posterior calib. date
MAP = 25201 ; Mean = 25191 ; Std deviation = 218
Q1 = 25066 ; Q2 (Median) = 25206 ; Q3 = 25343
HPD Region ( 95 %) : [ 24733 ; 25595 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 24734 ; 25587 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 69 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 556 ; Mean = 887 ; Std deviation = 712
Q1 = 499 ; Q2 (Median) = 714 ; Q3 = 1044
HPD Region ( 95 %) : [ 96 ; 2076 ] (95%)
Credibility Interval ( 95 %) : [ 140 ; 2019 ]
Acceptance rate (all acquire iterations) : 43 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-2485 (Poz)
Posterior event date
MAP = 19909 ; Mean = 19883 ; Std deviation = 382
Q1 = 19712 ; Q2 (Median) = 19904 ; Q3 = 20097
HPD Region ( 95 %) : [ 19188 ; 20652 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19223 ; 20672 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-2485 (Poz)
Posterior calib. date
MAP = 19940 ; Mean = 19907 ; Std deviation = 188
Q1 = 19777 ; Q2 (Median) = 19907 ; Q3 = 20032
HPD Region ( 95 %) : [ 19550 ; 20277 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19560 ; 20280 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 128 ; Mean = 265 ; Std deviation = 361
Q1 = 105 ; Q2 (Median) = 183 ; Q3 = 312
HPD Region ( 95 %) : [ 0 ; 771 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 733 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-4616 (SacA-9677)
Posterior event date
MAP = 31008 ; Mean = 30996 ; Std deviation = 172
Q1 = 30884 ; Q2 (Median) = 30999 ; Q3 = 31112
HPD Region ( 95 %) : [ 30657 ; 31329 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30663 ; 31327 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-4616 (SacA-9677)
Posterior calib. date
MAP = 30868 ; Mean = 30783 ; Std deviation = 253
Q1 = 30660 ; Q2 (Median) = 30822 ; Q3 = 30955
HPD Region ( 95 %) : [ 30254 ; 31231 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30272 ; 31238 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 233 ; Mean = 432 ; Std deviation = 439
Q1 = 196 ; Q2 (Median) = 329 ; Q3 = 529
HPD Region ( 95 %) : [ 0 ; 1092 ] (95%)
Credibility Interval ( 95 %) : [ 8 ; 1084 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10231 (SacA-33706)
Posterior event date
MAP = 20098 ; Mean = 20095 ; Std deviation = 276
Q1 = 19986 ; Q2 (Median) = 20111 ; Q3 = 20236
HPD Region ( 95 %) : [ 19603 ; 20608 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19618 ; 20613 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-10231 (SacA-33706)
Posterior calib. date
MAP = 20098 ; Mean = 20114 ; Std deviation = 123
Q1 = 20035 ; Q2 (Median) = 2012 ; Q3 = 20195
HPD Region ( 95 %) : [ 19877 ; 20364 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19876 ; 20357 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 81 ; Mean = 183 ; Std deviation = 244
Q1 = 70 ; Q2 (Median) = 121 ; Q3 = 209
HPD Region ( 95 %) : [ 0 ; 512 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 495 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-585
Posterior event date
MAP = 28796 ; Mean = 29279 ; Std deviation = 682
Q1 = 28783 ; Q2 (Median) = 29122 ; Q3 = 29618
HPD Region ( 95 %) : [ 28224 ; 30753 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28274 ; 30749 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-585
Posterior calib. date
MAP = 28693 ; Mean = 28845 ; Std deviation = 558
Q1 = 28481 ; Q2 (Median) = 28811 ; Q3 = 29188
HPD Region ( 95 %) : [ 27756 ; 30000 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27791 ; 30011 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 364 ; Mean = 818 ; Std deviation = 1073
Q1 = 338 ; Q2 (Median) = 583 ; Q3 = 978
HPD Region ( 95 %) : [ 0 ; 2231 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 2129 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-12180**
Posterior event date
MAP = 20646 ; Mean = 20622 ; Std deviation = 210
Q1 = 20547 ; Q2 (Median) = 20646 ; Q3 = 20743
HPD Region ( 95 %) : [ 20271 ; 20980 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20294 ; 20989 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-12180
Posterior calib. date
MAP = 20634 ; Mean = 20657 ; Std deviation = 102
Q1 = 20589 ; Q2 (Median) = 20653 ; Q3 = 20724
HPD Region ( 95 %) : [ 20465 ; 20866 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20470 ; 20865 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 65 ; Mean = 144 ; Std deviation = 184
Q1 = 58 ; Q2 (Median) = 99 ; Q3 = 167
HPD Region ( 95 %) : [ 0 ; 393 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 381 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-447**
Posterior event date
MAP = 29903 ; Mean = 29949 ; Std deviation = 787
Q1 = 29353 ; Q2 (Median) = 29926 ; Q3 = 30512
HPD Region ( 95 %) : [ 28516 ; 31430 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28566 ; 31435 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-447
Posterior calib. date
MAP = 29844 ; Mean = 29864 ; Std deviation = 636
Q1 = 29414 ; Q2 (Median) = 29884 ; Q3 = 30347
HPD Region ( 95 %) : [ 28669 ; 31024 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28701 ; 31019 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 391 ; Mean = 805 ; Std deviation = 805
Q1 = 357 ; Q2 (Median) = 606 ; Q3 = 985
HPD Region ( 95 %) : [ 0 ; 2067 ] (95%)
Credibility Interval ( 95 %) : [ 15 ; 2047 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-34092
Posterior event date
MAP = 23276 ; Mean = 23318 ; Std deviation = 222
Q1 = 23164 ; Q2 (Median) = 23294 ; Q3 = 23439
HPD Region ( 95 %) : [ 22919 ; 23749 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22920 ; 23735 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-34092
Posterior calib. date
MAP = 23259 ; Mean = 23279 ; Std deviation = 144
Q1 = 23175 ; Q2 (Median) = 23279 ; Q3 = 23385
HPD Region ( 95 %) : [ 23006 ; 23548 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23012 ; 23547 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 90 ; Mean = 191 ; Std deviation = 217
Q1 = 81 ; Q2 (Median) = 137 ; Q3 = 228
HPD Region ( 95 %) : [ 0 ; 509 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 502 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-11659 (SacA 39279)
Posterior event date
MAP = 27519 ; Mean = 27502 ; Std deviation = 269
Q1 = 27343 ; Q2 (Median) = 27502 ; Q3 = 27655
HPD Region ( 95 %) : [ 26936 ; 28046 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26949 ; 28051 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-11659(SacA 39279)
Posterior calib. date
MAP = 27498 ; Mean = 27493 ; Std deviation = 159
Q1 = 27396 ; Q2 (Median) = 27501 ; Q3 = 27603
HPD Region ( 95 %) : [ 27171 ; 27792 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27174 ; 27789 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 99 ; Mean = 214 ; Std deviation = 211
Q1 = 90 ; Q2 (Median) = 155 ; Q3 = 261
HPD Region ( 95 %) : [ 0 ; 573 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 569 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-3595 (SacA-5533)**

Posterior event date
MAP = 27442 ; Mean = 27359 ; Std deviation = 206
Q1 = 27247 ; Q2 (Median) = 27393 ; Q3 = 27501
HPD Region ( 95 %) : [ 26912 ; 27719 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26916 ; 27714 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3595 (SacA-5533)
Posterior calib. date
MAP = 27556 ; Mean = 27572 ; Std deviation = 129
Q1 = 27486 ; Q2 (Median) = 27572 ; Q3 = 27658
HPD Region ( 95 %) : [ 27323 ; 27825 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27330 ; 27824 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 116 ; Mean = 257 ; Std deviation = 283
Q1 = 103 ; Q2 (Median) = 182 ; Q3 = 311
HPD Region ( 95 %) : [ 0 ; 687 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 676 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-168**

Posterior event date
MAP = 31234 ; Mean = 30872 ; Std deviation = 673
Q1 = 30449 ; Q2 (Median) = 30956 ; Q3 = 31385
HPD Region ( 95 %) : [ 29496 ; 32027 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29502 ; 31998 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-168
Posterior calib. date
MAP = 31012 ; Mean = 30891 ; Std deviation = 796
Q1 = 30400 ; Q2 (Median) = 30922 ; Q3 = 31368
HPD Region ( 95 %) : [ 29262 ; 32506 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29255 ; 32471 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 62 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 588 ; Mean = 1120 ; Std deviation = 1070
Q1 = 509 ; Q2 (Median) = 846 ; Q3 = 1373
HPD Region ( 95 %) : [ 0 ; 2855 ] (95%)
Credibility Interval ( 95 %) : [ 21 ; 2834 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-10351 (SacA-33960)
Posterior event date
MAP = 23394 ; Mean = 23400 ; Std deviation = 241
Q1 = 23232 ; Q2 (Median) = 23387 ; Q3 = 23542
HPD Region ( 95 %) : [ 22946 ; 23874 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22960 ; 23874 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-10351 (SacA-33960)
Posterior calib. date
MAP = 23400 ; Mean = 23400 ; Std deviation = 160
Q1 = 23257 ; Q2 (Median) = 23380 ; Q3 = 23486
HPD Region ( 95 %) : [ 23060 ; 23665 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23064 ; 23662 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 104 ; Mean = 205 ; Std deviation = 215
Q1 = 89 ; Q2 (Median) = 150 ; Q3 = 250
HPD Region ( 95 %) : [ 0 ; 542 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 533 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : WK-35654
Posterior event date
MAP = 25894 ; Mean = 25808 ; Std deviation = 179
Q1 = 25705 ; Q2 (Median) = 25839 ; Q3 = 25938
HPD Region ( 95 %) : [ 25435 ; 26108 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25440 ; 26103 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : WK-35654
Posterior calib. date
MAP = 26151 ; Mean = 26197 ; Std deviation = 134
Q1 = 26103 ; Q2 (Median) = 26181 ; Q3 = 26277
HPD Region ( 95 %) : [ 25953 ; 26470 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25951 ; 26461 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 211 ; Mean = 379 ; Std deviation = 356
Q1 = 187 ; Q2 (Median) = 294 ; Q3 = 456
HPD Region ( 95 %) : [ 0 ; 933 ] (95%)
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1648
Posterior event date
MAP = 26131 ; Mean = 26260 ; Std deviation = 228
Q1 = 26092 ; Q2 (Median) = 26236 ; Q3 = 26411
HPD Region ( 95 %) : [ 25865 ; 26725 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25868 ; 26716 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1648
Posterior calib. date
MAP = 26109 ; Mean = 26191 ; Std deviation = 208
Q1 = 26045 ; Q2 (Median) = 26171 ; Q3 = 26325
HPD Region ( 95 %) : [ 25810 ; 26609 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25823 ; 26612 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 60 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 145 ; Mean = 274 ; Std deviation = 260
Q1 = 123 ; Q2 (Median) = 207 ; Q3 = 336
HPD Region ( 95 %) : [ 0 ; 702 ] (95%)
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Erl-8928
Posterior event date
MAP = 19689 ; Mean = 19625 ; Std deviation = 363
Q1 = 19483 ; Q2 (Median) = 19672 ; Q3 = 19841
HPD Region ( 95 %) : [ 18961 ; 20247 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 18965 ; 20231 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Erl-8928
Posterior calib. date
MAP = 19685 ; Mean = 19701 ; Std deviation = 191
Q1 = 19581 ; Q2 (Median) = 19703 ; Q3 = 19831
HPD Region ( 95 %) : [ 19306 ; 20065 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19309 ; 20060 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 121 ; Mean = 265 ; Std deviation = 336
Q1 = 108 ; Q2 (Median) = 184 ; Q3 = 307
HPD Region ( 95 %) : [ 0 ; 741 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 712 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-2484 (Poz)
Posterior event date
MAP = 19969 ; Mean = 19916 ; Std deviation = 390
Q1 = 19742 ; Q2 (Median) = 19943 ; Q3 = 20131
HPD Region ( 95 %) : [ 19211 ; 20694 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19237 ; 20703 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-2484 (Poz)
Posterior calib. date
MAP = 19963 ; Mean = 19946 ; Std deviation = 191
Q1 = 19812 ; Q2 (Median) = 19947 ; Q3 = 20073
HPD Region ( 95 %) : [ 19576 ; 20313 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19582 ; 20310 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 122 ; Mean = 272 ; Std deviation = 319
Q1 = 109 ; Q2 (Median) = 186 ; Q3 = 316
HPD Region ( 95 %) : [ 0 ; 760 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 747 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-4615 (SacA-9676)
Posterior event date
MAP = 31234 ; Mean = 31273 ; Std deviation = 223
Q1 = 31123 ; Q2 (Median) = 31263 ; Q3 = 31415
HPD Region ( 95 %) : [ 30844 ; 31725 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30853 ; 31725 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-4615 (SacA-9676)
Posterior calib. date
MAP = 30765 ; Mean = 30643 ; Std deviation = 285
Q1 = 30496 ; Q2 (Median) = 30691 ; Q3 = 30845
HPD Region ( 95 %) : [ 30025 ; 31125 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30041 ; 31126 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation  
MAP = 412 ; Mean = 683 ; Std deviation = 603  
Q1 = 354 ; Q2 (Median) = 537 ; Q3 = 825  
HPD Region ( 95 %) : [ 0 ; 1644 ] (95%)  
Credibility Interval ( 95 %) : [ 43 ; 1661 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Lyon-10174 (SacA-32841)**

Posterior event date  
MAP = 20293 ; Mean = 20270 ; Std deviation = 282  
Q1 = 20153 ; Q2 (Median) = 20292 ; Q3 = 20426  
HPD Region ( 95 %) : [ 19780 ; 20795 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 19790 ; 20789 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-10174 (SacA-32841)  
Posterior calib. date  
MAP = 20310 ; Mean = 20296 ; Std deviation = 132  
Q1 = 20204 ; Q2 (Median) = 20298 ; Q3 = 20390  
HPD Region ( 95 %) : [ 20042 ; 20543 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 20050 ; 20545 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation  
MAP = 86 ; Mean = 192 ; Std deviation = 242  
Q1 = 74 ; Q2 (Median) = 128 ; Q3 = 219  
HPD Region ( 95 %) : [ 0 ; 535 ] (95%)  
Credibility Interval ( 95 %) : [ 2 ; 519 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-586**

Posterior event date  
MAP = 28862 ; Mean = 29398 ; Std deviation = 715  
Q1 = 28863 ; Q2 (Median) = 29254 ; Q3 = 29786  
HPD Region ( 95 %) : [ 28279 ; 30917 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 28320 ; 30912 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-586  
Posterior calib. date  
MAP = 28855 ; Mean = 29061 ; Std deviation = 583  
Q1 = 28674 ; Q2 (Median) = 29024 ; Q3 = 29411  
HPD Region ( 95 %) : [ 27959 ; 30298 ] (95%) Age Cal. BP  
Credibility Interval ( 95 %) : [ 27954 ; 30274 ] Age Cal. BP  
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 403 ; Mean = 798 ; Std deviation = 869
Q1 = 342 ; Q2 (Median) = 587 ; Q3 = 966
HPD Region ( 95 %) : [ 0 ; 2133 ] (95%)
Credibility Interval ( 95 %) : [ 12 ; 2091 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3596
Posterior event date
MAP = 27549 ; Mean = 27525 ; Std deviation = 152
Q1 = 27433 ; Q2 (Median) = 27531 ; Q3 = 27623
HPD Region ( 95 %) : [ 27214 ; 27819 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27217 ; 27814 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-3596
Posterior calib. date
MAP = 27489 ; Mean = 27476 ; Std deviation = 124
Q1 = 27398 ; Q2 (Median) = 27483 ; Q3 = 27562
HPD Region ( 95 %) : [ 27230 ; 27717 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27234 ; 27716 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 93 ; Mean = 171 ; Std deviation = 203
Q1 = 76 ; Q2 (Median) = 128 ; Q3 = 209
HPD Region ( 95 %) : [ 0 ; 437 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 430 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : GifA-98364
Posterior event date
MAP = 30464 ; Mean = 30346 ; Std deviation = 537
Q1 = 30025 ; Q2 (Median) = 30382 ; Q3 = 30684
HPD Region ( 95 %) : [ 29213 ; 31426 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29225 ; 31417 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : GifA-98364
Posterior calib. date
MAP = 30527 ; Mean = 30361 ; Std deviation = 330
Q1 = 30138 ; Q2 (Median) = 30407 ; Q3 = 30611
HPD Region ( 95 %) : [ 29704 ; 30928 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29719 ; 30923 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal =
distribution of calibrated date)
**Posterior Std. Deviation**
MAP = 207 ; Mean = 438 ; Std deviation = 455
Q1 = 183 ; Q2 (Median) = 314 ; Q3 = 527
HPD Region ( 95 %) : [ 0 ; 1175 ] (95%)
Credibility Interval ( 95 %) : [ 12 ; 1157 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Lyon-9943 (SacA 32189)**
Posterior event date
MAP = 27030 ; Mean = 27117 ; Std deviation = 302
Q1 = 26915 ; Q2 (Median) = 27071 ; Q3 = 27254
HPD Region ( 95 %) : [ 26594 ; 27751 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26589 ; 27730 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-9943(SacA 32189)
Posterior calib. date
MAP = 27031 ; Mean = 26984 ; Std deviation = 195
Q1 = 26853 ; Q2 (Median) = 26996 ; Q3 = 27124
HPD Region ( 95 %) : [ 26597 ; 27347 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26604 ; 27345 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

**Posterior Std. Deviation**
MAP = 144 ; Mean = 300 ; Std deviation = 329
Q1 = 124 ; Q2 (Median) = 214 ; Q3 = 358
HPD Region ( 95 %) : [ 0 ; 812 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 802 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Beta-306179**
Posterior event date
MAP = 21448 ; Mean = 21475 ; Std deviation = 263
Q1 = 21316 ; Q2 (Median) = 21458 ; Q3 = 21609
HPD Region ( 95 %) : [ 20955 ; 21981 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20975 ; 21989 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-306179
Posterior calib. date
MAP = 21445 ; Mean = 21451 ; Std deviation = 148
Q1 = 21358 ; Q2 (Median) = 21454 ; Q3 = 21550
HPD Region ( 95 %) : [ 21158 ; 21751 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21159 ; 21745 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 92 ; Mean = 204 ; Std deviation = 227
Q1 = 84 ; Q2 (Median) = 144 ; Q3 = 241
HPD Region ( 95 %) : [ 0 ; 562 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 550 ]
Acceptance rate (all acquire iterations) : 43 % (MH : proposal = adapt.
Gaussian random walk)

Event : GrA-38159
Posterior event date
MAP = 23615 ; Mean = 23614 ; Std deviation = 221
Q1 = 23483 ; Q2 (Median) = 23616 ; Q3 = 23749
HPD Region ( 95 %) : [ 23146 ; 24062 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23153 ; 24061 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : GrA-38159
Posterior calib. date
MAP = 23619 ; Mean = 23614 ; Std deviation = 136
Q1 = 23530 ; Q2 (Median) = 23617 ; Q3 = 23705
HPD Region ( 95 %) : [ 23352 ; 23891 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23351 ; 23884 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 84 ; Mean = 180 ; Std deviation = 184
Q1 = 76 ; Q2 (Median) = 131 ; Q3 = 220
HPD Region ( 95 %) : [ 0 ; 476 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 472 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-2264
Posterior event date
MAP = 20409 ; Mean = 20324 ; Std deviation = 404
Q1 = 20159 ; Q2 (Median) = 20375 ; Q3 = 20572
HPD Region ( 95 %) : [ 19633 ; 20997 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19662 ; 21000 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-2264
Posterior calib. date
MAP = 20426 ; Mean = 20390 ; Std deviation = 211
Q1 = 20247 ; Q2 (Median) = 20393 ; Q3 = 20532
HPD Region ( 95 %) : [ 19985 ; 20802 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19992 ; 20798 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 146 ; Mean = 292 ; Std deviation = 362
Q1 = 119 ; Q2 (Median) = 203 ; Q3 = 340
HPD Region ( 95 %) : [ 0 ; 796 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 777 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon 1682 (OxA-11220)
Posterior event date
MAP = 23531 ; Mean = 23514 ; Std deviation = 256
Q1 = 23342 ; Q2 (Median) = 23512 ; Q3 = 23673
HPD Region ( 95 %) : [ 23001 ; 24011 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22999 ; 23997 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon 1682 (OxA-11220)
Posterior calib. date
MAP = 23519 ; Mean = 23499 ; Std deviation = 174
Q1 = 23392 ; Q2 (Median) = 23507 ; Q3 = 23613
HPD Region ( 95 %) : [ 23135 ; 23830 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23138 ; 23825 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 112 ; Mean = 219 ; Std deviation = 215
Q1 = 96 ; Q2 (Median) = 163 ; Q3 = 267
HPD Region ( 95 %) : [ 0 ; 576 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 574 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-21588
Posterior event date
MAP = 32261 ; Mean = 32507 ; Std deviation = 649
Q1 = 32088 ; Q2 (Median) = 32393 ; Q3 = 32765
HPD Region ( 95 %) : [ 31495 ; 33744 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31539 ; 33737 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-21588
Posterior calib. date
MAP = 32233 ; Mean = 32276 ; Std deviation = 388
Q1 = 31995 ; Q2 (Median) = 32271 ; Q3 = 32547
HPD Region ( 95 %) : [ 31532 ; 33002 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31541 ; 32994 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 285 ; Mean = 560 ; Std deviation = 717
Q1 = 223 ; Q2 (Median) = 381 ; Q3 = 645
HPD Region ( 95 %) : [ 0 ; 1567 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 1507 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Wk-35675**
Posterior event date
MAP = 27957 ; Mean = 27967 ; Std deviation = 284
Q1 = 27815 ; Q2 (Median) = 27981 ; Q3 = 28153
HPD Region ( 95 %) : [ 27408 ; 28539 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27425 ; 28540 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35675
Posterior calib. date
MAP = 27938 ; Mean = 28005 ; Std deviation = 176
Q1 = 27879 ; Q2 (Median) = 27987 ; Q3 = 28118
HPD Region ( 95 %) : [ 27691 ; 28363 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27697 ; 28361 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 110 ; Mean = 238 ; Std deviation = 249
Q1 = 101 ; Q2 (Median) = 172 ; Q3 = 288
HPD Region ( 95 %) : [ 0 ; 640 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 631 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-9945**
Posterior event date
MAP = 23035 ; Mean = 23091 ; Std deviation = 141
Q1 = 22995 ; Q2 (Median) = 23072 ; Q3 = 23168
HPD Region ( 95 %) : [ 22843 ; 23380 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22840 ; 23370 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-9945
Posterior calib. date
MAP = 22970 ; Mean = 22988 ; Std deviation = 149
Q1 = 22895 ; Q2 (Median) = 22984 ; Q3 = 23076
HPD Region ( 95 %) : [ 22694 ; 23312 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22698 ; 23310 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 107 ; Mean = 214 ; Std deviation = 216
Q1 = 95 ; Q2 (Median) = 161 ; Q3 = 262
HPD Region ( 95 %) : [ 0 ; 559 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 549 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

**Event : Ly-1338 (GrA-17336)**
Posterior event date
MAP = 28448 ; Mean = 28328 ; Std deviation = 305
Q1 = 28218 ; Q2 (Median) = 28395 ; Q3 = 28524
HPD Region ( 95 %) : [ 27677 ; 28814 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 27691 ; 28810 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-1338 (GrA-17336)
Posterior calib. date
MAP = 28604 ; Mean = 28579 ; Std deviation = 139
Q1 = 28488 ; Q2 (Median) = 28583 ; Q3 = 28675
HPD Region ( 95 %) : [ 28313 ; 28851 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 28317 ; 28848 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 110 ; Mean = 290 ; Std deviation = 366
Q1 = 103 ; Q2 (Median) = 187 ; Q3 = 337
HPD Region ( 95 %) : [ 0 ; 868 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 843 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

**Event : Erl-8925**
Posterior event date
MAP = 20049 ; Mean = 19892 ; Std deviation = 460
Q1 = 19768 ; Q2 (Median) = 19987 ; Q3 = 20155
HPD Region ( 95 %) : [ 19022 ; 20579 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 19057 ; 20583 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Erl-8925
Posterior calib. date
MAP = 20186 ; Mean = 20201 ; Std deviation = 176
Q1 = 20087 ; Q2 (Median) = 20199 ; Q3 = 20319
HPD Region ( 95 %) : [ 19860 ; 20552 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 19861 ; 20545 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 151 ; Mean = 377 ; Std deviation = 497
Q1 = 128 ; Q2 (Median) = 228 ; Q3 = 418
HPD Region ( 95 %) : [ 0 ; 1133 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 1097 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-97307
Posterior event date
MAP = 20757 ; Mean = 20578 ; Std deviation = 432
Q1 = 20468 ; Q2 (Median) = 20676 ; Q3 = 20828
HPD Region ( 95 %) : [ 19830 ; 21139 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19852 ; 21116 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-97307
Posterior calib. date
MAP = 20781 ; Mean = 20775 ; Std deviation = 206
Q1 = 20645 ; Q2 (Median) = 20775 ; Q3 = 20907
HPD Region ( 95 %) : [ 20354 ; 21187 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20360 ; 21187 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 172 ; Mean = 351 ; Std deviation = 461
Q1 = 137 ; Q2 (Median) = 233 ; Q3 = 401
HPD Region ( 95 %) : [ 0 ; 988 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 962 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-4622 (SacA-9685)
Posterior event date
MAP = 21596 ; Mean = 21525 ; Std deviation = 242
Q1 = 21374 ; Q2 (Median) = 21540 ; Q3 = 21688
HPD Region ( 95 %) : [ 21016 ; 21970 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21020 ; 21965 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-4622 (SacA-9685)
Posterior calib. date
MAP = 21554 ; Mean = 21553 ; Std deviation = 175
Q1 = 21443 ; Q2 (Median) = 21561 ; Q3 = 21678
HPD Region ( 95 %) : [ 21201 ; 21880 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21206 ; 21876 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 110 ; Mean = 218 ; Std deviation = 216
Q1 = 96 ; Q2 (Median) = 163 ; Q3 = 267
HPD Region ( 95 %) : [ 0 ; 565 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 558 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-583**
Posterior event date
MAP = 28903 ; Mean = 29411 ; Std deviation = 721
Q1 = 28872 ; Q2 (Median) = 29262 ; Q3 = 29809
HPD Region ( 95 %) : [ 28278 ; 30939 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28293 ; 30899 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-583
Posterior calib. date
MAP = 28959 ; Mean = 29084 ; Std deviation = 588
Q1 = 28684 ; Q2 (Median) = 29045 ; Q3 = 29441
HPD Region ( 95 %) : [ 27980 ; 30315 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28000 ; 30312 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 409 ; Mean = 802 ; Std deviation = 939
Q1 = 344 ; Q2 (Median) = 588 ; Q3 = 971
HPD Region ( 95 %) : [ 0 ; 2141 ] (95%)
Credibility Interval ( 95 %) : [ 12 ; 2096 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Beta-297895**
Posterior event date
MAP = 21389 ; Mean = 21421 ; Std deviation = 252
Q1 = 21267 ; Q2 (Median) = 21403 ; Q3 = 21543
HPD Region ( 95 %) : [ 20935 ; 21897 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20949 ; 21899 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-297895
Posterior calib. date
MAP = 21398 ; Mean = 21393 ; Std deviation = 139
Q1 = 21304 ; Q2 (Median) = 21396 ; Q3 = 21484
HPD Region ( 95 %) : [ 21105 ; 21666 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21112 ; 21668 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 93 ; Mean = 191 ; Std deviation = 219
Q1 = 78 ; Q2 (Median) = 134 ; Q3 = 227
HPD Region ( 95 %) : [ 0 ; 521 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 515 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-7260 (Ly-617)
Posterior event date
MAP = 20381 ; Mean = 20322 ; Std deviation = 331
Q1 = 20183 ; Q2 (Median) = 20356 ; Q3 = 20517
HPD Region ( 95 %) : [ 19755 ; 20909 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19765 ; 20903 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-7260 (Ly-617)
Posterior calib. date
MAP = 20381 ; Mean = 20361 ; Std deviation = 168
Q1 = 20245 ; Q2 (Median) = 20365 ; Q3 = 20476
HPD Region ( 95 %) : [ 20033 ; 20682 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20032 ; 20673 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 121 ; Mean = 239 ; Std deviation = 345
Q1 = 96 ; Q2 (Median) = 163 ; Q3 = 274
HPD Region ( 95 %) : [ 0 ; 667 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 629 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-4617 (SacA-9678)
Posterior event date
MAP = 31247 ; Mean = 31270 ; Std deviation = 224
Q1 = 31119 ; Q2 (Median) = 31258 ; Q3 = 31410
HPD Region ( 95 %) : [ 30840 ; 31722 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30832 ; 31705 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-4617 (SacA-9678)
Posterior calib. date
MAP = 30760 ; Mean = 30657 ; Std deviation = 274
Q1 = 30515 ; Q2 (Median) = 30700 ; Q3 = 30850
HPD Region ( 95 %) : [ 30073 ; 31135 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30073 ; 31120 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 389 ; Mean = 663 ; Std deviation = 589
Q1 = 341 ; Q2 (Median) = 519 ; Q3 = 799
HPD Region ( 95 %) : [ 0 ; 1603 ] (95%)
Credibility Interval ( 95 %) : [ 40 ; 1614 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-99084
Posterior event date
MAP = 30989 ; Mean = 30947 ; Std deviation = 339
Q1 = 30793 ; Q2 (Median) = 30975 ; Q3 = 31143
HPD Region ( 95 %) : [ 30260 ; 31613 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30285 ; 31625 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)
Data : GifA-99084
Posterior calib. date
MAP = 31000 ; Mean = 30975 ; Std deviation = 181
Q1 = 30870 ; Q2 (Median) = 30987 ; Q3 = 31094
HPD Region ( 95 %) : [ 30617 ; 31330 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30618 ; 31322 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 115 ; Mean = 252 ; Std deviation = 285
Q1 = 101 ; Q2 (Median) = 175 ; Q3 = 296
HPD Region ( 95 %) : [ 0 ; 693 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 678 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10353 (SacA-33962)
Posterior event date
MAP = 23051 ; Mean = 23176 ; Std deviation = 229
Q1 = 23024 ; Q2 (Median) = 23124 ; Q3 = 23270
HPD Region ( 95 %) : [ 22829 ; 23657 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22843 ; 23655 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)
Data : Lyon-10353(SacA-33962)
Posterior calib. date
MAP = 23012 ; Mean = 23030 ; Std deviation = 154
Q1 = 22931 ; Q2 (Median) = 23020 ; Q3 = 23121
HPD Region ( 95 %) : [ 22748 ; 23366 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22756 ; 23368 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 107 ; Mean = 240 ; Std deviation = 258
Q1 = 98 ; Q2 (Median) = 169 ; Q3 = 285
HPD Region ( 95 %) : [ 0 ; 663 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 654 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : OxA-7654/Ly-632
Posterior event date
MAP = 27369 ; Mean = 27373 ; Std deviation = 304
Q1 = 27177 ; Q2 (Median) = 27360 ; Q3 = 27541
HPD Region ( 95 %) : [ 26762 ; 27981 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26787 ; 27993 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : OxA-7654/Ly-632
Posterior calib. date
MAP = 27366 ; Mean = 27338 ; Std deviation = 191
Q1 = 27227 ; Q2 (Median) = 27353 ; Q3 = 27469
HPD Region ( 95 %) : [ 26959 ; 27708 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26956 ; 27697 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 132 ; Mean = 267 ; Std deviation = 284
Q1 = 115 ; Q2 (Median) = 194 ; Q3 = 324
HPD Region ( 95 %) : [ 0 ; 699 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 695 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3597
Posterior event date
MAP = 27706 ; Mean = 27730 ; Std deviation = 156
Q1 = 27628 ; Q2 (Median) = 27722 ; Q3 = 27825
HPD Region ( 95 %) : [ 27430 ; 28050 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27434 ; 28047 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-3597
Posterior calib. date
MAP = 27685 ; Mean = 27689 ; Std deviation = 121
Q1 = 27612 ; Q2 (Median) = 27689 ; Q3 = 27767
HPD Region ( 95 %) : [ 27447 ; 27925 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27446 ; 27918 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 79 ; Mean = 163 ; Std deviation = 164
Q1 = 72 ; Q2 (Median) = 121 ; Q3 = 197
HPD Region ( 95 %) : [ 0 ; 426 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 421 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-2639
Posterior event date
MAP = 21969 ; Mean = 21993 ; Std deviation = 251
Q1 = 21861 ; Q2 (Median) = 21993 ; Q3 = 22137
HPD Region ( 95 %) : [ 21466 ; 22517 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21465 ; 22507 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-2639
Posterior calib. date
MAP = 21947 ; Mean = 21997 ; Std deviation = 136
Q1 = 21903 ; Q2 (Median) = 21991 ; Q3 = 22094
HPD Region ( 95 %) : [ 21748 ; 22279 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21753 ; 22278 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 90 ; Mean = 188 ; Std deviation = 214
Q1 = 77 ; Q2 (Median) = 132 ; Q3 = 226
HPD Region ( 95 %) : [ 0 ; 520 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 513 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-38157
Posterior event date
MAP = 23516 ; Mean = 23496 ; Std deviation = 218
Q1 = 23361 ; Q2 (Median) = 23495 ; Q3 = 23623
HPD Region ( 95 %) : [ 23047 ; 23931 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23051 ; 23925 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-38157
Posterior calib. date
MAP = 23518 ; Mean = 23486 ; Std deviation = 135
Q1 = 23407 ; Q2 (Median) = 23496 ; Q3 = 23575
HPD Region ( 95 %) : [ 23191 ; 23741 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23198 ; 23744 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 90 ; Mean = 180 ; Std deviation = 198
Q1 = 77 ; Q2 (Median) = 131 ; Q3 = 218
HPD Region ( 95 %) : [ 0 ; 479 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 465 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt.
Gaussian random walk)

Event : Lyon-2104 (OxA)
Posterior event date
MAP = 30830 ; Mean = 30757 ; Std deviation = 257
Q1 = 30658 ; Q2 (Median) = 30798 ; Q3 = 30915
HPD Region ( 95 %) : [ 30277 ; 31182 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30275 ; 31167 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Lyon-2104 (OxA)
Posterior calib. date
MAP = 30836 ; Mean = 30816 ; Std deviation = 138
Q1 = 30735 ; Q2 (Median) = 30826 ; Q3 = 30911
HPD Region ( 95 %) : [ 30539 ; 31073 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30538 ; 31064 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 95 ; Mean = 192 ; Std deviation = 251
Q1 = 77 ; Q2 (Median) = 130 ; Q3 = 219
HPD Region ( 95 %) : [ 0 ; 537 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 518 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : OxA-21586
Posterior event date
MAP = 32241 ; Mean = 32505 ; Std deviation = 648
Q1 = 32086 ; Q2 (Median) = 32387 ; Q3 = 32767
HPD Region ( 95 %) : [ 31490 ; 33736 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31525 ; 33715 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : OxA-21586
Posterior calib. date
MAP = 32285 ; Mean = 32264 ; Std deviation = 393
Q1 = 31976 ; Q2 (Median) = 32260 ; Q3 = 32538
HPD Region ( 95 %) : [ 31505 ; 32989 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31494 ; 32961 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 257 ; Mean = 557 ; Std deviation = 637
Q1 = 226 ; Q2 (Median) = 388 ; Q3 = 654
HPD Region ( 95 %) : [ 0 ; 1566 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 1529 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10361/SacA-33970
Posterior event date
MAP = 27828 ; Mean = 27835 ; Std deviation = 263
Q1 = 27693 ; Q2 (Median) = 27839 ; Q3 = 27991
HPD Region ( 95 %) : [ 27303 ; 28393 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27304 ; 28384 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-10361/SacA-33970
Posterior calib. date
MAP = 27826 ; Mean = 27851 ; Std deviation = 156
Q1 = 27748 ; Q2 (Median) = 27838 ; Q3 = 27940
HPD Region ( 95 %) : [ 27555 ; 28175 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27545 ; 28158 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 108 ; Mean = 213 ; Std deviation = 243
Q1 = 90 ; Q2 (Median) = 153 ; Q3 = 259
HPD Region ( 95 %) : [ 0 ; 595 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 573 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-99245
Posterior event date
MAP = 28635 ; Mean = 28864 ; Std deviation = 470
Q1 = 28562 ; Q2 (Median) = 28747 ; Q3 = 29043
HPD Region ( 95 %) : [ 28141 ; 29896 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28153 ; 29875 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-99245
Posterior calib. date
MAP = 27887 ; Mean = 28065 ; Std deviation = 292
Q1 = 27842 ; Q2 (Median) = 28053 ; Q3 = 28291
HPD Region ( 95 %) : [ 27549 ; 28620 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27559 ; 28613 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 366 ; Mean = 742 ; Std deviation = 778
Q1 = 324 ; Q2 (Median) = 547 ; Q3 = 904
HPD Region ( 95 %) : [ 0 ; 1961 ] (95%)
Credibility Interval ( 95 %) : [ 10 ; 1927 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1339
Posterior event date
MAP = 26909 ; Mean = 27048 ; Std deviation = 347
Q1 = 26823 ; Q2 (Median) = 26970 ; Q3 = 27177
HPD Region ( 95 %) : [ 26500 ; 27820 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26517 ; 27815 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1339
Posterior calib. date
MAP = 26587 ; Mean = 26654 ; Std deviation = 239
Q1 = 26480 ; Q2 (Median) = 26653 ; Q3 = 26840
HPD Region ( 95 %) : [ 26207 ; 27089 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26204 ; 27075 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 52 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 201 ; Mean = 445 ; Std deviation = 508
Q1 = 176 ; Q2 (Median) = 311 ; Q3 = 540
HPD Region ( 95 %) : [ 0 ; 1241 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 1211 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-377948
Posterior event date
MAP = 21298 ; Mean = 21314 ; Std deviation = 236
Q1 = 21164 ; Q2 (Median) = 21293 ; Q3 = 21429
HPD Region ( 95 %) : [ 20875 ; 21759 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20880 ; 21750 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-377948
Posterior calib. date
MAP = 21306 ; Mean = 21281 ; Std deviation = 137
Q1 = 21187 ; Q2 (Median) = 21284 ; Q3 = 21374
HPD Region ( 95 %) : [ 21010 ; 21541 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21008 ; 21531 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 84 ; Mean = 183 ; Std deviation = 203
Q1 = 76 ; Q2 (Median) = 129 ; Q3 = 216
HPD Region (95%) : [ 0 ; 497 ] (95%)
Credibility Interval (95%) : [ 3 ; 490 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-9944
Posterior event date
MAP = 23336 ; Mean = 23390 ; Std deviation = 234
Q1 = 23230 ; Q2 (Median) = 23360 ; Q3 = 23512
HPD Region (95%) : [ 22973 ; 23874 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 22981 ; 23868 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Ly-9944
Posterior calib. date
MAP = 23339 ; Mean = 23299 ; Std deviation = 157
Q1 = 23188 ; Q2 (Median) = 23302 ; Q3 = 23410
HPD Region (95%) : [ 22989 ; 23591 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 22990 ; 23585 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 107 ; Mean = 227 ; Std deviation = 246
Q1 = 95 ; Q2 (Median) = 162 ; Q3 = 273
HPD Region (95%) : [ 0 ; 612 ] (95%)
Credibility Interval (95%) : [ 3 ; 600 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : GifA-96417
Posterior event date
MAP = 20823 ; Mean = 20614 ; Std deviation = 480
Q1 = 20531 ; Q2 (Median) = 20740 ; Q3 = 20878
HPD Region (95%) : [ 19759 ; 21193 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 19804 ; 21188 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : GifA-96417
Posterior calib. date
MAP = 20916 ; Mean = 20953 ; Std deviation = 220
Q1 = 20804 ; Q2 (Median) = 20942 ; Q3 = 21088
HPD Region (95%) : [ 20536 ; 21401 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 20539 ; 21394 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 192 ; Mean = 441 ; Std deviation = 561
Q1 = 163 ; Q2 (Median) = 285 ; Q3 = 497
HPD Region ( 95 %) : [ 0 ; 1302 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 1280 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-98362
Posterior event date
MAP = 32202 ; Mean = 32501 ; Std deviation = 649
Q1 = 32079 ; Q2 (Median) = 32384 ; Q3 = 32762
HPD Region ( 95 %) : [ 31490 ; 33733 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31512 ; 33707 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-98362
Posterior calib. date
MAP = 32204 ; Mean = 32259 ; Std deviation = 394
Q1 = 31972 ; Q2 (Median) = 32251 ; Q3 = 32535
HPD Region ( 95 %) : [ 31504 ; 33001 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31512 ; 32990 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 249 ; Mean = 558 ; Std deviation = 640
Q1 = 224 ; Q2 (Median) = 388 ; Q3 = 654
HPD Region ( 95 %) : [ 0 ; 1539 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 1507 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-594
Posterior event date
MAP = 29464 ; Mean = 29815 ; Std deviation = 772
Q1 = 29220 ; Q2 (Median) = 29754 ; Q3 = 30351
HPD Region ( 95 %) : [ 28453 ; 31315 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28445 ; 31259 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-594
Posterior calib. date
MAP = 29635 ; Mean = 29689 ; Std deviation = 627
Q1 = 29237 ; Q2 (Median) = 29686 ; Q3 = 30169
HPD Region ( 95 %) : [ 28555 ; 30871 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28574 ; 30860 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 403 ; Mean = 792 ; Std deviation = 811
Q1 = 352 ; Q2 (Median) = 593 ; Q3 = 971
HPD Region ( 95 %) : [ 0 ; 2038 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 2014 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-10352 (SacA-33961)**

Posterior event date
MAP = 23340 ; Mean = 23370 ; Std deviation = 235
Q1 = 23205 ; Q2 (Median) = 23352 ; Q3 = 23505
HPD Region ( 95 %) : [ 22936 ; 23832 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22938 ; 23820 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-10352 (SacA-33961)
Posterior calib. date
MAP = 23390 ; Mean = 23339 ; Std deviation = 157
Q1 = 23225 ; Q2 (Median) = 23343 ; Q3 = 23451
HPD Region ( 95 %) : [ 23032 ; 23626 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23034 ; 23619 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 96 ; Mean = 204 ; Std deviation = 206
Q1 = 87 ; Q2 (Median) = 149 ; Q3 = 248
HPD Region ( 95 %) : [ 0 ; 548 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 536 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Erl-8927**

Posterior event date
MAP = 20635 ; Mean = 20585 ; Std deviation = 225
Q1 = 20444 ; Q2 (Median) = 20602 ; Q3 = 20744
HPD Region ( 95 %) : [ 20136 ; 21002 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20140 ; 20997 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Erl-8927
Posterior calib. date
MAP = 20618 ; Mean = 20611 ; Std deviation = 175
Q1 = 20500 ; Q2 (Median) = 20614 ; Q3 = 20729
HPD Region ( 95 %) : [ 20259 ; 20952 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20267 ; 20952 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 113 ; Mean = 227 ; Std deviation = 226
Q1 = 100 ; Q2 (Median) = 171 ; Q3 = 277
HPD Region ( 95 %) : [ 0 ; 597 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 586 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-6398 (SacA-17475)
Posterior event date
MAP = 21563 ; Mean = 21521 ; Std deviation = 231
Q1 = 21379 ; Q2 (Median) = 21533 ; Q3 = 21676
HPD Region ( 95 %) : [ 21038 ; 21957 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21039 ; 21950 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)
Data : Ly-6398 (SacA-17475)
Posterior calib. date
MAP = 21562 ; Mean = 21548 ; Std deviation = 166
Q1 = 21441 ; Q2 (Median) = 21556 ; Q3 = 21667
HPD Region ( 95 %) : [ 21217 ; 21858 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21215 ; 21848 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 102 ; Mean = 210 ; Std deviation = 215
Q1 = 91 ; Q2 (Median) = 154 ; Q3 = 254
HPD Region ( 95 %) : [ 0 ; 540 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 535 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Ly-3891 (SacA-6557)
Posterior event date
MAP = 31229 ; Mean = 31247 ; Std deviation = 219
Q1 = 31100 ; Q2 (Median) = 31237 ; Q3 = 31383
HPD Region ( 95 %) : [ 30825 ; 31689 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 30838 ; 31693 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)
Data : Ly-3891 (SacA-6557)
Posterior calib. date
MAP = 30784 ; Mean = 30742 ; Std deviation = 183
Q1 = 30642 ; Q2 (Median) = 30762 ; Q3 = 30869
HPD Region ( 95 %) : [ 30376 ; 31071 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 30377 ; 31064 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 61 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 301 ; Mean = 508 ; Std deviation = 456
Q1 = 261 ; Q2 (Median) = 402 ; Q3 = 615
HPD Region ( 95 %) : [ 0 ; 1223 ] (95%)
Credibility Interval ( 95 %) : [ 20 ; 1223 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-307416
Posterior event date
MAP = 31878 ; Mean = 32275 ; Std deviation = 808
Q1 = 31784 ; Q2 (Median) = 32056 ; Q3 = 32479
HPD Region ( 95 %) : [ 31191 ; 33998 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31242 ; 33970 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-307416
Posterior calib. date
MAP = 31086 ; Mean = 31094 ; Std deviation = 105
Q1 = 31026 ; Q2 (Median) = 31095 ; Q3 = 31165
HPD Region ( 95 %) : [ 30887 ; 31302 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30890 ; 31301 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 81 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 486 ; Mean = 965 ; Std deviation = 1061
Q1 = 422 ; Q2 (Median) = 674 ; Q3 = 1123
HPD Region ( 95 %) : [ 0 ; 2626 ] (95%)
Credibility Interval ( 95 %) : [ 32 ; 2601 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-3598 (SacA-5536)
Posterior event date
MAP = 28176 ; Mean = 28177 ; Std deviation = 222
Q1 = 28022 ; Q2 (Median) = 28179 ; Q3 = 28335
HPD Region ( 95 %) : [ 27748 ; 28600 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27758 ; 28598 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3598 (SacA-5536)
Posterior calib. date
MAP = 28200 ; Mean = 28207 ; Std deviation = 193
Q1 = 28067 ; Q2 (Median) = 28203 ; Q3 = 28344
HPD Region ( 95 %) : [ 27843 ; 28579 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27849 ; 28576 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 121 ; Mean = 239 ; Std deviation = 229
Q1 = 108 ; Q2 (Median) = 180 ; Q3 = 292
HPD Region ( 95 %) : [ 0 ; 610 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 605 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-297891
Posterior event date
MAP = 21144 ; Mean = 21218 ; Std deviation = 228
Q1 = 21075 ; Q2 (Median) = 21190 ; Q3 = 21318
HPD Region ( 95 %) : [ 20828 ; 21643 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20836 ; 21639 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-297891
Posterior calib. date
MAP = 21165 ; Mean = 21168 ; Std deviation = 128
Q1 = 21077 ; Q2 (Median) = 21165 ; Q3 = 21256
HPD Region ( 95 %) : [ 20923 ; 21414 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20926 ; 21412 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 81 ; Mean = 176 ; Std deviation = 198
Q1 = 72 ; Q2 (Median) = 123 ; Q3 = 205
HPD Region ( 95 %) : [ 0 ; 487 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 479 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-21568
Posterior event date
MAP = 28682 ; Mean = 29121 ; Std deviation = 730
Q1 = 28631 ; Q2 (Median) = 28899 ; Q3 = 29394
HPD Region ( 95 %) : [ 28104 ; 30811 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28119 ; 30770 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-21568
Posterior calib. date
MAP = 27508 ; Mean = 27494 ; Std deviation = 164
Q1 = 27394 ; Q2 (Median) = 27503 ; Q3 = 27607
HPD Region ( 95 %) : [ 27163 ; 27802 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27162 ; 27792 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 81 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 756 ; Mean = 1336 ; Std deviation = 1270
Q1 = 684 ; Q2 (Median) = 1008 ; Q3 = 1571
HPD Region ( 95 %) : [ 84 ; 3389 ] (95%)
Credibility Interval ( 95 %) : [ 227 ; 3319 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10232 (SacA-33707)
Posterior event date
MAP = 20387 ; Mean = 20349 ; Std deviation = 265
Q1 = 20245 ; Q2 (Median) = 20374 ; Q3 = 20493
HPD Region ( 95 %) : [ 19889 ; 20828 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19902 ; 20828 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double- Exponential)

Data : Lyon-10232 (SacA-33707)
Posterior calib. date
MAP = 20406 ; Mean = 20374 ; Std deviation = 123
Q1 = 20293 ; Q2 (Median) = 20381 ; Q3 = 20460
HPD Region ( 95 %) : [ 20124 ; 20600 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20127 ; 20597 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 81 ; Mean = 174 ; Std deviation = 230
Q1 = 70 ; Q2 (Median) = 120 ; Q3 = 201
HPD Region ( 95 %) : [ 0 ; 487 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 471 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon 2640
Posterior event date
MAP = 25202 ; Mean = 25176 ; Std deviation = 422
Q1 = 25001 ; Q2 (Median) = 25187 ; Q3 = 25364
HPD Region ( 95 %) : [ 24366 ; 25967 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24373 ; 25960 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double- Exponential)

Data : Lyon 2640
Posterior calib. date
MAP = 25205 ; Mean = 25179 ; Std deviation = 182
Q1 = 25080 ; Q2 (Median) = 25193 ; Q3 = 25301
HPD Region ( 95 %) : [ 24788 ; 25537 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 24784 ; 25527 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 115 ; Mean = 272 ; Std deviation = 361
Q1 = 103 ; Q2 (Median) = 180 ; Q3 = 310
HPD Region ( 95 %) : [ 0 ; 799 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 780 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-3366 (Poz)
Posterior event date
MAP = 22477 ; Mean = 22423 ; Std deviation = 292
Q1 = 22282 ; Q2 (Median) = 22454 ; Q3 = 22611
HPD Region ( 95 %) : [ 21853 ; 22962 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21865 ; 22957 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-3366 (Poz)
Posterior calib. date
MAP = 22448 ; Mean = 22460 ; Std deviation = 175
Q1 = 22365 ; Q2 (Median) = 22461 ; Q3 = 22565
HPD Region ( 95 %) : [ 22088 ; 22830 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22100 ; 22838 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 109 ; Mean = 234 ; Std deviation = 260
Q1 = 98 ; Q2 (Median) = 168 ; Q3 = 280
HPD Region ( 95 %) : [ 0 ; 639 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 630 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-7761/Ly-633
Posterior event date
MAP = 26952 ; Mean = 27119 ; Std deviation = 354
Q1 = 26883 ; Q2 (Median) = 27047 ; Q3 = 27268
HPD Region ( 95 %) : [ 26547 ; 27897 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26567 ; 27895 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-7761/Ly-633
Posterior calib. date
MAP = 26940 ; Mean = 26839 ; Std deviation = 256
Q1 = 26677 ; Q2 (Median) = 26865 ; Q3 = 27020
HPD Region ( 95 %) : [ 26306 ; 27306 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26320 ; 27306 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 55 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 199 ; Mean = 441 ; Std deviation = 465
Q1 = 182 ; Q2 (Median) = 313 ; Q3 = 530
HPD Region ( 95 %) : [ 0 ; 1209 ] (95%)
Credibility Interval ( 95 %) : [ 8 ; 1189 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Lyon-13121**
Posterior event date
MAP = 21383 ; Mean = 21455 ; Std deviation = 338
Q1 = 21223 ; Q2 (Median) = 21420 ; Q3 = 21636
HPD Region ( 95 %) : [ 20837 ; 22126 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20870 ; 22142 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-13121
Posterior calib. date
MAP = 21415 ; Mean = 21401 ; Std deviation = 217
Q1 = 21248 ; Q2 (Median) = 21401 ; Q3 = 21553
HPD Region ( 95 %) : [ 20996 ; 21822 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20999 ; 21814 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 144 ; Mean = 281 ; Std deviation = 296
Q1 = 121 ; Q2 (Median) = 204 ; Q3 = 340
HPD Region ( 95 %) : [ 0 ; 761 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 758 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Lyon-2999 (OxA)**
Posterior event date
MAP = 31146 ; Mean = 31162 ; Std deviation = 169
Q1 = 31061 ; Q2 (Median) = 31155 ; Q3 = 31256
HPD Region ( 95 %) : [ 30832 ; 31508 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30841 ; 31507 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-2999 (OxA)
Posterior calib. date
MAP = 31141 ; Mean = 31146 ; Std deviation = 103
Q1 = 31078 ; Q2 (Median) = 31145 ; Q3 = 31215
HPD Region ( 95 %) : [ 30944 ; 31350 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30949 ; 31350 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 64 ; Mean = 138 ; Std deviation = 145
Q1 = 59 ; Q2 (Median) = 100 ; Q3 = 165
HPD Region ( 95 %) : [ 0 ; 369 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 365 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-21585**

Posterior event date
MAP = 32181 ; Mean = 32452 ; Std deviation = 631
Q1 = 32052 ; Q2 (Median) = 32338 ; Q3 = 32701
HPD Region ( 95 %) : [ 31474 ; 33640 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31508 ; 33626 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-21585
Posterior calib. date
MAP = 32271 ; Mean = 32204 ; Std deviation = 371
Q1 = 31933 ; Q2 (Median) = 32198 ; Q3 = 32469
HPD Region ( 95 %) : [ 31506 ; 32899 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31509 ; 32884 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 246 ; Mean = 545 ; Std deviation = 644
Q1 = 218 ; Q2 (Median) = 373 ; Q3 = 632
HPD Region ( 95 %) : [ 0 ; 1511 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 1491 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : GrA-39323**

Posterior event date
MAP = 23143 ; Mean = 23250 ; Std deviation = 229
Q1 = 23088 ; Q2 (Median) = 23212 ; Q3 = 23367
HPD Region ( 95 %) : [ 22868 ; 23710 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22872 ; 23699 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-39323
Posterior calib. date
MAP = 23135 ; Mean = 23174 ; Std deviation = 156
Q1 = 23061 ; Q2 (Median) = 23168 ; Q3 = 23288
HPD Region ( 95 %) : [ 22888 ; 23475 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22892 ; 23472 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 99 ; Mean = 217 ; Std deviation = 242
Q1 = 91 ; Q2 (Median) = 156 ; Q3 = 260
HPD Region ( 95 %) : [ 0 ; 585 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 578 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-6418 (SacA-17495)
Posterior event date
MAP = 21186 ; Mean = 21279 ; Std deviation = 278
Q1 = 21096 ; Q2 (Median) = 21239 ; Q3 = 21409
HPD Region ( 95 %) : [ 20801 ; 21816 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 20803 ; 21801 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-6418 (SacA-17495)
Posterior calib. date
MAP = 21184 ; Mean = 21211 ; Std deviation = 169
Q1 = 21093 ; Q2 (Median) = 21207 ; Q3 = 21325
HPD Region ( 95 %) : [ 20885 ; 21535 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 20887 ; 21531 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 108 ; Mean = 232 ; Std deviation = 285
Q1 = 95 ; Q2 (Median) = 163 ; Q3 = 276
HPD Region ( 95 %) : [ 0 ; 625 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 616 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : WK-35652
Posterior event date
MAP = 27503 ; Mean = 27501 ; Std deviation = 227
Q1 = 27374 ; Q2 (Median) = 27502 ; Q3 = 27626
HPD Region ( 95 %) : [ 27021 ; 27967 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 27039 ; 27977 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : WK-35652
Posterior calib. date
MAP = 27497 ; Mean = 27497 ; Std deviation = 127
Q1 = 27416 ; Q2 (Median) = 27501 ; Q3 = 27584
HPD Region ( 95 %) : [ 27247 ; 27745 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 27257 ; 27749 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 80 ; Mean = 172 ; Std deviation = 188
Q1 = 70 ; Q2 (Median) = 122 ; Q3 = 207
HPD Region ( 95 %) : [ 0 ; 475 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 469 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-100404
Posterior event date
MAP = 30709 ; Mean = 30655 ; Std deviation = 721
Q1 = 30254 ; Q2 (Median) = 30650 ; Q3 = 30995
HPD Region ( 95 %) : [ 29209 ; 32025 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29222 ; 32011 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-100404
Posterior calib. date
MAP = 30802 ; Mean = 30596 ; Std deviation = 374
Q1 = 30385 ; Q2 (Median) = 30662 ; Q3 = 30867
HPD Region ( 95 %) : [ 29792 ; 31214 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29802 ; 31203 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 252 ; Mean = 527 ; Std deviation = 626
Q1 = 214 ; Q2 (Median) = 365 ; Q3 = 617
HPD Region ( 95 %) : [ 0 ; 1452 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 1430 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-1340
Posterior event date
MAP = 28385 ; Mean = 28242 ; Std deviation = 334
Q1 = 28102 ; Q2 (Median) = 28308 ; Q3 = 28466
HPD Region ( 95 %) : [ 27515 ; 28789 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27499 ; 28754 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-1340
Posterior calib. date
MAP = 28527 ; Mean = 28500 ; Std deviation = 210
Q1 = 28366 ; Q2 (Median) = 28508 ; Q3 = 28641
HPD Region ( 95 %) : [ 28073 ; 28898 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28079 ; 28896 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 165 ; Mean = 365 ; Std deviation = 415
Q1 = 145 ; Q2 (Median) = 251 ; Q3 = 434
HPD Region ( 95 %) : [ 0 ; 1029 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 1014 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-100637
Posterior event date
MAP = 28982 ; Mean = 29125 ; Std deviation = 416
Q1 = 28853 ; Q2 (Median) = 29068 ; Q3 = 29318
HPD Region ( 95 %) : [ 28413 ; 29923 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28425 ; 29913 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-100637
Posterior calib. date
MAP = 28984 ; Mean = 29039 ; Std deviation = 247
Q1 = 28867 ; Q2 (Median) = 29026 ; Q3 = 29207
HPD Region ( 95 %) : [ 28584 ; 29522 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28590 ; 29515 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 165 ; Mean = 338 ; Std deviation = 404
Q1 = 138 ; Q2 (Median) = 236 ; Q3 = 401
HPD Region ( 95 %) : [ 0 ; 894 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 894 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-377947
Posterior event date
MAP = 21290 ; Mean = 21327 ; Std deviation = 240
Q1 = 21177 ; Q2 (Median) = 21305 ; Q3 = 21440
HPD Region ( 95 %) : [ 20883 ; 21781 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20883 ; 21768 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-377947
Posterior calib. date
MAP = 21298 ; Mean = 21293 ; Std deviation = 138
Q1 = 21198 ; Q2 (Median) = 21295 ; Q3 = 21386
HPD Region ( 95 %) : [ 21018 ; 21552 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21025 ; 21553 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 90 ; Mean = 186 ; Std deviation = 217
Q1 = 77 ; Q2 (Median) = 132 ; Q3 = 220
HPD Region ( 95 %) : [ 0 ; 499 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 489 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-9946**

Posterior event date
MAP = 26094 ; Mean = 26169 ; Std deviation = 188
Q1 = 26041 ; Q2 (Median) = 26138 ; Q3 = 26270
HPD Region ( 95 %) : [ 25839 ; 26570 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25850 ; 26571 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-9946
Posterior calib. date
MAP = 26058 ; Mean = 26095 ; Std deviation = 143
Q1 = 25999 ; Q2 (Median) = 26079 ; Q3 = 26176
HPD Region ( 95 %) : [ 25839 ; 26402 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 25837 ; 26394 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 95 ; Mean = 189 ; Std deviation = 203
Q1 = 81 ; Q2 (Median) = 137 ; Q3 = 229
HPD Region ( 95 %) : [ 0 ; 502 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 497 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Beta-377946**

Posterior event date
MAP = 21712 ; Mean = 21702 ; Std deviation = 223
Q1 = 21582 ; Q2 (Median) = 21702 ; Q3 = 21815
HPD Region ( 95 %) : [ 21221 ; 22151 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21217 ; 22139 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-377946
Posterior calib. date
MAP = 21746 ; Mean = 21697 ; Std deviation = 115
Q1 = 21620 ; Q2 (Median) = 21705 ; Q3 = 21779
HPD Region ( 95 %) : [ 21465 ; 21907 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21472 ; 21910 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 75 ; Mean = 166 ; Std deviation = 189
Q1 = 65 ; Q2 (Median) = 113 ; Q3 = 195
HPD Region ( 95 %) : [ 0 ; 459 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 448 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-10354 (SacA-33963)
Posterior event date
MAP = 23249 ; Mean = 23323 ; Std deviation = 229
Q1 = 23162 ; Q2 (Median) = 23298 ; Q3 = 23449
HPD Region ( 95 %) : [ 22917 ; 23774 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 22931 ; 23772 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-10354 (SacA-33963)
Posterior calib. date
MAP = 23252 ; Mean = 23280 ; Std deviation = 151
Q1 = 23171 ; Q2 (Median) = 23279 ; Q3 = 23389
HPD Region ( 95 %) : [ 22992 ; 23561 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 22998 ; 23560 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 96 ; Mean = 198 ; Std deviation = 202
Q1 = 84 ; Q2 (Median) = 143 ; Q3 = 240
HPD Region ( 95 %) : [ 0 ; 532 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 527 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-595
Posterior event date
MAP = 29866 ; Mean = 29907 ; Std deviation = 777
Q1 = 29317 ; Q2 (Median) = 29874 ; Q3 = 30449
HPD Region ( 95 %) : [ 28503 ; 31394 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 28533 ; 31385 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-595
Posterior calib. date
MAP = 29783 ; Mean = 29814 ; Std deviation = 620
Q1 = 29372 ; Q2 (Median) = 29830 ; Q3 = 30285
HPD Region ( 95 %) : [ 28669 ; 30955 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 28687 ; 30934 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 399 ; Mean = 771 ; Std deviation = 753
Q1 = 346 ; Q2 (Median) = 581 ; Q3 = 943
HPD Region ( 95 %) : [ 0 ; 1979 ] (95%)
Credibility Interval ( 95 %) : [ 10 ; 1968 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-96416
Posterior event date
MAP = 20462 ; Mean = 20378 ; Std deviation = 403
Q1 = 20217 ; Q2 (Median) = 20433 ; Q3 = 20628
HPD Region ( 95 %) : [ 19694 ; 21022 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19721 ; 21023 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-96416
Posterior calib. date
MAP = 20452 ; Mean = 20457 ; Std deviation = 211
Q1 = 20314 ; Q2 (Median) = 20459 ; Q3 = 20601
HPD Region ( 95 %) : [ 20050 ; 20869 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20057 ; 20865 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 132 ; Mean = 297 ; Std deviation = 342
Q1 = 120 ; Q2 (Median) = 207 ; Q3 = 345
HPD Region ( 95 %) : [ 0 ; 796 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 782 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : GifA-97306
Posterior event date
MAP = 31454 ; Mean = 31185 ; Std deviation = 629
Q1 = 30944 ; Q2 (Median) = 31326 ; Q3 = 31600
HPD Region ( 95 %) : [ 29785 ; 32191 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 29818 ; 32190 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GifA-97306
Posterior calib. date
MAP = 31496 ; Mean = 31684 ; Std deviation = 409
Q1 = 31399 ; Q2 (Median) = 31618 ; Q3 = 31908
HPD Region ( 95 %) : [ 30980 ; 32553 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 30991 ; 32540 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 371 ; Mean = 772 ; Std deviation = 875
Q1 = 321 ; Q2 (Median) = 555 ; Q3 = 938
HPD Region ( 95 %) : [ 0 ; 2154 ] (95%)
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

Event : Erl-8926
Posterior event date
MAP = 20180 ; Mean = 20234 ; Std deviation = 270
Q1 = 20049 ; Q2 (Median) = 20211 ; Q3 = 20398
HPD Region ( 95 %) : [ 19732 ; 20813 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19739 ; 20809 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Erl-8926
Posterior calib. date
MAP = 20039 ; Mean = 20028 ; Std deviation = 175
Q1 = 19913 ; Q2 (Median) = 20029 ; Q3 = 20144
HPD Region ( 95 %) : [ 19680 ; 20376 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19670 ; 20359 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 55 % (MH : proposal =
distribution of calibrated date)

Posterior Std. Deviation
MAP = 130 ; Mean = 291 ; Std deviation = 306
Q1 = 119 ; Q2 (Median) = 207 ; Q3 = 356
HPD Region ( 95 %) : [ 0 ; 793 ] (95%)
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt.
Gaussian random walk)

Event : GifA-99083
Posterior event date
MAP = 32860 ; Mean = 32962 ; Std deviation = 770
Q1 = 32441 ; Q2 (Median) = 32879 ; Q3 = 33348
HPD Region ( 95 %) : [ 31613 ; 34457 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31661 ; 34461 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : GifA-99083
Posterior calib. date
MAP = 32894 ; Mean = 32793 ; Std deviation = 477
Q1 = 32466 ; Q2 (Median) = 32830 ; Q3 = 33149
HPD Region ( 95 %) : [ 31852 ; 33644 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31874 ; 33640 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal =
distribution of calibrated date)
Posterior Std. Deviation
MAP = 331 ; Mean = 662 ; Std deviation = 787
Q1 = 277 ; Q2 (Median) = 470 ; Q3 = 790
HPD Region ( 95 %) : [ 0 ; 1791 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 1752 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-3863 (SacA-6559)**
Posterior event date
MAP = 31616 ; Mean = 31631 ; Std deviation = 220
Q1 = 31482 ; Q2 (Median) = 31624 ; Q3 = 31774
HPD Region ( 95 %) : [ 31208 ; 32074 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31212 ; 32068 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-3863 (SacA-6559)
Posterior calib. date
MAP = 31585 ; Mean = 31662 ; Std deviation = 228
Q1 = 31504 ; Q2 (Median) = 31631 ; Q3 = 31787
HPD Region ( 95 %) : [ 31256 ; 32143 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31272 ; 32149 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 62 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 179 ; Mean = 330 ; Std deviation = 334
Q1 = 149 ; Q2 (Median) = 250 ; Q3 = 404
HPD Region ( 95 %) : [ 0 ; 846 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 836 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : CAMS-36630**
Posterior event date
MAP = 23765 ; Mean = 23738 ; Std deviation = 206
Q1 = 23622 ; Q2 (Median) = 23746 ; Q3 = 23864
HPD Region ( 95 %) : [ 23315 ; 24163 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23314 ; 24155 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : CAM5-36630
Posterior calib. date
MAP = 23745 ; Mean = 23747 ; Std deviation = 123
Q1 = 23665 ; Q2 (Median) = 23748 ; Q3 = 23831
HPD Region ( 95 %) : [ 23511 ; 23988 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 23513 ; 23985 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 82 ; Mean = 165 ; Std deviation = 183
Q1 = 69 ; Q2 (Median) = 118 ; Q3 = 198
HPD Region ( 95 %) : [ 0 ; 449 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 435 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

**Event : Ly-6399 (SacA-17476)**
Posterior event date
MAP = 21934 ; Mean = 22001 ; Std deviation = 253
Q1 = 21830 ; Q2 (Median) = 21972 ; Q3 = 22141
HPD Region ( 95 %) : [ 21536 ; 22535 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21540 ; 22525 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-6399 (SacA-17476)
Posterior calib. date
MAP = 21884 ; Mean = 21919 ; Std deviation = 169
Q1 = 21809 ; Q2 (Median) = 21912 ; Q3 = 22037
HPD Region ( 95 %) : [ 21601 ; 22255 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 21600 ; 22246 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 107 ; Mean = 234 ; Std deviation = 249
Q1 = 99 ; Q2 (Median) = 168 ; Q3 = 281
HPD Region ( 95 %) : [ 0 ; 640 ] (95%)
Credibility Interval ( 95 %) : [ 1 ; 625 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : OxA-22343**
Posterior event date
MAP = 26363 ; Mean = 26375 ; Std deviation = 216
Q1 = 26221 ; Q2 (Median) = 26370 ; Q3 = 26522
HPD Region ( 95 %) : [ 25964 ; 26796 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 25982 ; 26806 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-22343
Posterior calib. date
MAP = 26383 ; Mean = 26381 ; Std deviation = 177
Q1 = 26254 ; Q2 (Median) = 26372 ; Q3 = 26492
HPD Region ( 95 %) : [ 26052 ; 26729 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 26051 ; 26720 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 126 ; Mean = 226 ; Std deviation = 257
Q1 = 103 ; Q2 (Median) = 172 ; Q3 = 278
HPD Region ( 95 %) : [ 0 ; 592 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 572 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Ly-2642
Posterior event date
MAP = 28980 ; Mean = 29052 ; Std deviation = 322
Q1 = 28854 ; Q2 (Median) = 29014 ; Q3 = 29196
HPD Region ( 95 %) : [ 28495 ; 29665 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28512 ; 29666 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Ly-2642
Posterior calib. date
MAP = 28949 ; Mean = 29002 ; Std deviation = 177
Q1 = 28878 ; Q2 (Median) = 28988 ; Q3 = 29118
HPD Region ( 95 %) : [ 28674 ; 29363 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 28678 ; 29357 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 112 ; Mean = 238 ; Std deviation = 261
Q1 = 98 ; Q2 (Median) = 168 ; Q3 = 279
HPD Region ( 95 %) : [ 0 ; 654 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 648 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-10176 (SacA-32843)
Posterior event date
MAP = 20471 ; Mean = 20426 ; Std deviation = 271
Q1 = 20317 ; Q2 (Median) = 20455 ; Q3 = 20580
HPD Region ( 95 %) : [ 19966 ; 20905 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 19969 ; 20897 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-10176 (SacA-32843)
Posterior calib. date
MAP = 20488 ; Mean = 20457 ; Std deviation = 132
Q1 = 20371 ; Q2 (Median) = 20464 ; Q3 = 20546
HPD Region ( 95 %) : [ 20182 ; 20707 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20178 ; 20697 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 86 ; Mean = 186 ; Std deviation = 241
Q1 = 75 ; Q2 (Median) = 129 ; Q3 = 216
HPD Region ( 95 %) : [ 0 ; 514 ] (95%)
Credibility Interval ( 95 %) : [ 2 ; 500 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

Event : GrA-39337
Posterior event date
MAP = 23058 ; Mean = 23190 ; Std deviation = 244
Q1 = 23027 ; Q2 (Median) = 23132 ; Q3 = 23291
HPD Region ( 95 %) : [ 22820 ; 23710 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22840 ; 23711 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : GrA-39337
Posterior calib. date
MAP = 22993 ; Mean = 23015 ; Std deviation = 171
Q1 = 22907 ; Q2 (Median) = 23007 ; Q3 = 23118
HPD Region ( 95 %) : [ 22689 ; 23377 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22700 ; 23380 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 56 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 124 ; Mean = 273 ; Std deviation = 311
Q1 = 110 ; Q2 (Median) = 188 ; Q3 = 324
HPD Region ( 95 %) : [ 0 ; 734 ] (95%)
Credibility Interval ( 95 %) : [ 5 ; 734 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-297899
Posterior event date
MAP = 21137 ; Mean = 21208 ; Std deviation = 238
Q1 = 21058 ; Q2 (Median) = 21175 ; Q3 = 21311
HPD Region ( 95 %) : [ 20798 ; 21652 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20797 ; 21637 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-297899
Posterior calib. date
MAP = 21142 ; Mean = 21149 ; Std deviation = 136
Q1 = 21054 ; Q2 (Median) = 21146 ; Q3 = 21240
HPD Region ( 95 %) : [ 20887 ; 21411 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20891 ; 21409 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Event: Lyon-2105 (OxA)
Posterior event date
MAP = 31661 ; Mean = 31558 ; Std deviation = 332
Q1 = 31352 ; Q2 (Median) = 31592 ; Q3 = 31791
HPD Region (95%) : [ 30872 ; 32159 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 30894 ; 32166 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100% (AR : proposal = Double-Exponential)

Data: Lyon-2105 (OxA)
Posterior calib. date
MAP = 31933 ; Mean = 32069 ; Std deviation = 285
Q1 = 31859 ; Q2 (Median) = 32035 ; Q3 = 32253
HPD Region (95%) : [ 31571 ; 32649 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 31579 ; 32642 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 53% (MH : proposal = distribution of calibrated date)

Event: Gif-7998
Posterior event date
MAP = 28232 ; Mean = 28213 ; Std deviation = 264
Q1 = 28024 ; Q2 (Median) = 28222 ; Q3 = 28409
HPD Region (95%) : [ 27710 ; 28705 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 27718 ; 28698 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100% (AR : proposal = Double-Exponential)

Data: Gif-7998
Posterior calib. date
MAP = 28457 ; Mean = 28536 ; Std deviation = 426
Q1 = 28235 ; Q2 (Median) = 28501 ; Q3 = 28793
HPD Region (95%) : [ 27769 ; 29381 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 27763 ; 29353 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 54% (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 343 ; Mean = 656 ; Std deviation = 647
Q1 = 296 ; Q2 (Median) = 498 ; Q3 = 804
HPD Region (95%) : [ 0 ; 1689 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 9 ; 1671 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Beta-306063
Posterior event date
MAP = 26863 ; Mean = 27103 ; Std deviation = 419
Q1 = 26811 ; Q2 (Median) = 26996 ; Q3 = 27291
HPD Region (95%) : [ 26492 ; 28045 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 26492 ; 28037 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Beta-306063
Posterior calib. date
MAP = 26108 ; Mean = 26160 ; Std deviation = 141
Q1 = 26062 ; Q2 (Median) = 26136 ; Q3 = 26240
HPD Region (95%) : [ 25916 ; 26461 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 25916 ; 26454 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 76 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 439 ; Mean = 773 ; Std deviation = 723
Q1 = 388 ; Q2 (Median) = 591 ; Q3 = 926
HPD Region (95%) : [ 0 ; 1884 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 39 ; 1883 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-21567
Posterior event date
MAP = 28685 ; Mean = 29153 ; Std deviation = 741
Q1 = 28643 ; Q2 (Median) = 28930 ; Q3 = 29449
HPD Region (95%) : [ 28154 ; 30846 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 28112 ; 30861 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-21567
Posterior calib. date
MAP = 27426 ; Mean = 27410 ; Std deviation = 178
Q1 = 27306 ; Q2 (Median) = 27421 ; Q3 = 27531
HPD Region (95%) : [ 27064 ; 27744 ] (95%) Age Cal. BP
Credibility Interval (95%) : [ 27063 ; 27734 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 81 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 786 ; Mean = 1434 ; Std deviation = 1509
Q1 = 744 ; Q2 (Median) = 1094 ; Q3 = 1690
HPD Region ( 95 %) : [100 ; 3645 ] (95%)
Credibility Interval ( 95 %) : [ 241 ; 3484 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-5604 (SacA-12680)
Posterior event date
MAP = 23192 ; Mean = 23311 ; Std deviation = 258
Q1 = 23126 ; Q2 (Median) = 23274 ; Q3 = 23450
HPD Region ( 95 %) : [ 22875 ; 23839 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22887 ; 23833 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-5604 (SacA-12680)
Posterior calib. date
MAP = 23201 ; Mean = 23230 ; Std deviation = 183
Q1 = 23100 ; Q2 (Median) = 23230 ; Q3 = 23360
HPD Region ( 95 %) : [ 22885 ; 23581 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22896 ; 23580 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 59 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 133 ; Mean = 253 ; Std deviation = 281
Q1 = 110 ; Q2 (Median) = 187 ; Q3 = 307
HPD Region ( 95 %) : [ 0 ; 678 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 664 ]
Acceptance rate (all acquire iterations) : 44 % (MH : proposal = adapt. Gaussian random walk)

Event : OxA-21587
Posterior event date
MAP = 32187 ; Mean = 32459 ; Std deviation = 641
Q1 = 32047 ; Q2 (Median) = 32343 ; Q3 = 32709
HPD Region ( 95 %) : [ 31463 ; 33680 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31508 ; 33680 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : OxA-21587
Posterior calib. date
MAP = 32275 ; Mean = 32196 ; Std deviation = 386
Q1 = 31912 ; Q2 (Median) = 32190 ; Q3 = 32464
HPD Region ( 95 %) : [ 31468 ; 32920 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 31483 ; 32915 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 269 ; Mean = 559 ; Std deviation = 659
Q1 = 225 ; Q2 (Median) = 385 ; Q3 = 648
HPD Region ( 95 %) : [ 0 ; 1560 ] (95%)
Credibility Interval ( 95 %) : [ 6 ; 1518 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

**Event : Lyon-13122**
Posterior event date
MAP = 22322 ; Mean = 22245 ; Std deviation = 320
Q1 = 22065 ; Q2 (Median) = 22270 ; Q3 = 22450
HPD Region ( 95 %) : [ 21621 ; 22900 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21633 ; 22901 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Lyon-13122
Posterior calib. date
MAP = 22345 ; Mean = 22271 ; Std deviation = 194
Q1 = 22140 ; Q2 (Median) = 22287 ; Q3 = 22403
HPD Region ( 95 %) : [ 21874 ; 22625 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 21883 ; 22621 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 124 ; Mean = 259 ; Std deviation = 268
Q1 = 110 ; Q2 (Median) = 186 ; Q3 = 313
HPD Region ( 95 %) : [ 0 ; 703 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 697 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt.
Gaussian random walk)

**Event : Beta-332604**
Posterior event date
MAP = 32084 ; Mean = 32282 ; Std deviation = 537
Q1 = 31955 ; Q2 (Median) = 32187 ; Q3 = 32474
HPD Region ( 95 %) : [ 31461 ; 33251 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 31499 ; 33245 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-
Exponential)

Data : Beta-332604
Posterior calib. date
MAP = 31935 ; Mean = 32053 ; Std deviation = 303
Q1 = 31824 ; Q2 (Median) = 32037 ; Q3 = 32273
HPD Region ( 95 %) : [ 31503 ; 32630 ] (95% Age Cal. BP
Credibility Interval ( 95 %) : [ 31513 ; 32624 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 57 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 218 ; Mean = 443 ; Std deviation = 588
Q1 = 175 ; Q2 (Median) = 301 ; Q3 = 514
HPD Region ( 95 %) : [ 0 ; 1281 ] (95%)
Credibility Interval ( 95 %) : [ 7 ; 1245 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

**Event : Erl-17854**
Posterior event date
MAP = 23078 ; Mean = 23218 ; Std deviation = 241
Q1 = 23051 ; Q2 (Median) = 23168 ; Q3 = 23327
HPD Region ( 95 %) : [ 22839 ; 23719 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22851 ; 23714 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Erl-17854
Posterior calib. date
MAP = 23047 ; Mean = 23088 ; Std deviation = 168
Q1 = 22976 ; Q2 (Median) = 23078 ; Q3 = 23203
HPD Region ( 95 %) : [ 22778 ; 23429 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 22786 ; 23428 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 119 ; Mean = 255 ; Std deviation = 278
Q1 = 105 ; Q2 (Median) = 181 ; Q3 = 306
HPD Region ( 95 %) : [ 0 ; 705 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 690 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)

**Event : Wk-35651**
Posterior event date
MAP = 27988 ; Mean = 27970 ; Std deviation = 289
Q1 = 27815 ; Q2 (Median) = 27987 ; Q3 = 28157
HPD Region ( 95 %) : [ 27394 ; 28546 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27408 ; 28548 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Wk-35651
Posterior calib. date
MAP = 27957 ; Mean = 28009 ; Std deviation = 177
Q1 = 27882 ; Q2 (Median) = 27991 ; Q3 = 28122
HPD Region ( 95 %) : [ 27690 ; 28374 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 27691 ; 28367 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)
Posterior Std. Deviation
MAP = 120 ; Mean = 237 ; Std deviation = 294
Q1 = 102 ; Q2 (Median) = 175 ; Q3 = 290
HPD Region ( 95 %) : [ 0 ; 664 ] (95%)
Credibility Interval ( 95 %) : [ 4 ; 633 ]
Acceptance rate (all acquire iterations) : 46 % (MH : proposal = adapt. Gaussian random walk)

Event : Lyon-6417 (SacA-17494)
Posterior event date
MAP = 21065 ; Mean = 21179 ; Std deviation = 273
Q1 = 21007 ; Q2 (Median) = 21130 ; Q3 = 21285
HPD Region ( 95 %) : [ 20738 ; 21713 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20747 ; 21706 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 100 % (AR : proposal = Double-Exponential)

Data : Lyon-6417 (SacA-17494)
Posterior calib. date
MAP = 21018 ; Mean = 21067 ; Std deviation = 159
Q1 = 20959 ; Q2 (Median) = 21061 ; Q3 = 21174
HPD Region ( 95 %) : [ 20764 ; 21384 ] (95%) Age Cal. BP
Credibility Interval ( 95 %) : [ 20764 ; 21377 ] Age Cal. BP
Acceptance rate (all acquire iterations) : 58 % (MH : proposal = distribution of calibrated date)

Posterior Std. Deviation
MAP = 113 ; Mean = 238 ; Std deviation = 279
Q1 = 95 ; Q2 (Median) = 162 ; Q3 = 277
HPD Region ( 95 %) : [ 0 ; 663 ] (95%)
Credibility Interval ( 95 %) : [ 3 ; 652 ]
Acceptance rate (all acquire iterations) : 45 % (MH : proposal = adapt. Gaussian random walk)