

Results for the selected elements of Model 2 as listed in Table 4 comparing the outcomes from a different model run (some results vary by typically around 1 year) with the Charcoal Plus Outlier model (as in the main text and Table 4) versus the same model run alternatively with the Charcoal Outlier model [135]. The Charcoal Plus Outlier version has just three elements with OxCal Agreement values <60 (e.g., typical example, OxA-30326 @56.5%, OxA-32141 @39.6%, OxA-32170 @41.4%), whereas the Charcoal Outlier version has four elements <60 (e.g., typical example, OxA-30326 @26.6%, OxA-32141 @36.1%, OxA-32170 @ 36.9%, and OxA-30315 @53.3%). The date ranges for the selected elements shown are nonetheless very similar. Whereas whole ranges are listed in Table 4, here sub-ranges are detailed where present.

	Model 2 excluding OxA-32139 with Charcoal Plus Outlier model (as Table 4) <i>A_{model} ~81, A_{overall} ~80-81</i>		Model 2 excluding OxA-32139 with Charcoal Outlier model <i>A_{model} ~66, A_{overall} ~66</i>	
	68.2% hpd Date BCE	95.4% hpd Date BCE	68.2% hpd Date BCE	95.4% hpd Date BCE
Phase 8b EB IVB TPQ	2518-2330	2585-2245	2514-2337	2581-2251
Phase 8a, EBIVB Destruction Event	2334-2328 (3.9) 2299-2271 (25.9) 2258-2211 (38.3)	2396-2386 (1.5) 2346-2202 (93.9)	2335-2327 (5.0) 2299-2271 (26.2) 2258-2211 (37.0)	2397-2387 (1.6) 2346-2202 (93.8)
Phase 7 Date Estimate	2219-2140	2281-2075	2219-2140	2282-2075
Boundary End Phase 7	2187-2104	2200-2007	2187-2105	2199-2006
Phase 6c, Iron I TPQ	1309-1159	1379-1100	1300-1155	1367-1102
Phase 6b Date Estimate	1122-1045	1175-1023	1110-1039	1164-1021
Phase 6a TPQ and/or Date	1052-1006	1088-992	1047-1004	1081-989
Phase 5b Date Estimate	1008-987	1019-969	1007-984	1018-964
Phase 5a Date Estimate	998-975	1006-951	997-972	1004-946
Phase 4 Date estimate – No Samples	987-955	997-925	986-951	995-920
Phase 3 Date estimate – No Samples	985-951	995-920	983-947	993-916
Phase 2 Early Date Estimate	971-930	982-893	970-926	980-890
Phase BP1, Chicago, and Phase 2 Middle A1 – No Data	954-911 (66.7) 883-881 (1.5)	961-866	951-913 (58.0) 889-877 (10.2)	959-864
Phase 2 Middle A2 Date Estimate	925-898 (54.6) 866-854 (13.6)	933-887 (66.0) 878-841 (29.4)	923-899 (45.1) 868-851 (23.1)	931-886 (58.1) 880-841 (37.3)
Phase 2 Middle B Date Estimate	900-872 (35.8) 863-839 (43.4)	910-827	888-871 (20.1) 868-837 (48.1)	906-827
Phase 2 Late 1 Date Estimate	836-782	868-766	834-784	859-767
Phase 2 Late 2 Date Estimate	772-753	793-733	773-753	794-733
Boundary Transition Phase 2 to 1	764-743	771-717	765-743	771-715 (94.9) 677-675 (0.5)
Assyrian Conquest	738	738	738	738
Boundary End Tayinat Sequence	672-669	674-668	672-669	674-668