

Online Resource No. 3 – Supplementary material to: “Life and death in the medieval mining centre of Kutná Hora - reconstructing diets during the recurrent mortality crises of the 14th century AD (Czechia)”

for Archaeological and Anthropological Sciences

by Sylva Drtikolová Kaupová, Jan Frolík, Petr Velemínský, Filip Velímský, Zdeněk Vytlačil, Hana Brzobohatá

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Table S2 The output of the WEAN software together with the manually assessed type of the carbon curve and postweaning carbon isotopic values

No. Skeleton	Sample ID ^a	Age (years)	Sex ^b	Type of the grave	Weaning Age	Observed Weaning Age	Weaning Age Z-score	R-square	Derivative	Mean Difference	St. Dev.	Observed $\delta^{15}\text{N}$ difference	Expected $\delta^{15}\text{N}$ difference	Mean post-weaning $\delta^{15}\text{N}$	Mean post-weaning $\delta^{13}\text{C}$	Type of the carbon curve
6	KHM06	20-30	Male	Plague	2.4	2.0	-0.485	0.98	-0.338	2.828	0.096	2.8	2.9	12.5	-19.4	C
21	KHM21	30-50	Female	Plague	2.2	2.0	-0.727	0.99	-0.298	3.345	0.078	3.4	3.3	12.8	-19.4	D
80	KHR80	20-30	Female	Regular	3.5	3.0	0.848	0.95	-0.363	3.488	0.365	3.2	3.7	13.2	-19.4	D
84	KHR84	20-25	Male	Regular	2.2	1.1	-0.727	0.8	-0.289	3.900	0.085	4.0	3.8	12.7	-19.0	A
96	KHM96	30-50	Female	Plague	3.2	3.0	0.484	0.95	-0.318	3.307	0.264	3.1	3.5	12.3	-19.0	C
118	KHR118	20-30	Female	Regular	3.5	3.0	0.848	0.94	-0.350	4.750	0.028	4.7	4.8	12.5	-19.3	A
161	KHM161	20-30	Male	Plague	5.0	4.5	2.665	0.82	-0.138	1.977	0.364	1.7	2.2	11.6	-19.6	D
162	KHM162	6-9	ND	Plague	3.0	2.0	0.242	0.97	-0.665	3.678	0.549	3.3	4.1	12.3	-19.5	A
170	KHM170 ^a	20-30	Male	Plague	2.5	3.0	-0.414	0.93	-0.035	1.103	0.010	1.1	1.1	12.2	-19.0	
171	KHR171 ^a	20-30	Female	Regular	2.6	2.0	-0.292	0.92	-0.042	1.386	0.009	1.4	1.4	12.3	-19.4	
193	KHR193	20-30	Male	Regular	2.6	3.0	-0.243	0.94	-0.294	4.044	0.077	4.0	4.1	10.7	-20.0	C
197	KHR197 ^a	20-30	Male	Regular	2.9	3.0	0.071	0.93	-0.075	2.289	0.072	2.3	2.2	10.6	-19.4	
213	KHM213	30-50	Male	Plague	3.3	3.0	0.605	0.84	-0.290	4.256	0.687	3.8	4.7	12.4	-19.0	A
218	KHM218	20-30	Female	Plague	3.6	3.0	0.969	0.96	-0.305	4.042	0.371	3.8	4.3	11.6	-19.0	D
225	KHM225	6-9	ND	Plague	2.1	1.5	-0.848	0.88	-0.498	3.798	0.011	3.8	3.8	12.1	-19.1	C
231	KHR231 ^a	20-30	Male	Regular	2.4	2.0	-0.535	0.93	-0.255	3.176	0.233	3.3	3.0	10.6	-19.6	D
240	KHM240 ^a	4-6	ND	Plague	1.7	1.5	-1.383	1	-1.056	3.515	0.205	3.4	3.7	12.6	-19.2	B
301	KHR301	20-30	Male	Regular	2.3	2.0	-0.606	0.97	-0.337	3.810	0.212	3.7	4.0	12.4	-19.3	C
321	KHR321	20-30	Female	Regular	3.1	2.0	0.363	0.91	-0.367	4.173	0.442	3.9	4.5	12.5	-19.2	A
341	KHR341	20-25	Female	Regular	3.3	3.0	0.605	0.94	-0.188	2.795	0.007	2.8	2.8	12.7	-19.5	A
344	KHR344	20-30	Male	Regular	2.4	3.0	-0.485	0.99	-0.241	2.588	0.144	2.7	2.5	12.0	-20.0	A
373	KHR373 ^a	20-30	Female	Regular	4.7	3.0	2.252	0.97	-0.386	3.109	0.565	2.7	3.5	12.1	-19.3	
418	KHR418	4-6	ND	Regular	2.3	1.5	-0.606	0.99	-0.758	2.604	0.529	2.2	3.0	12.5	-19.3	C
452	KHR452	20-30	Male	Regular	2.5	2.0	-0.364	0.92	-0.516	4.163	0.061	4.1	4.2	12.3	-19.4	A
465	KHR465	20-30	Male	Regular	2.3	1.5	-0.606	0.98	-0.304	3.351	0.128	3.3	3.4	12.2	-19.6	A
473	KHR473	14-17	ND	Regular	3.5	2.0	0.848	0.89	-0.322	3.319	0.508	3.0	3.7	12.3	-19.2	A

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497	KHR497	20-30	Female	Regular	3.0	3.0	0.242	0.89	-0.191	2.121	0.171	2.0	2.2	13.3	-19.2	C
504	KHM504	6-9	ND	Plague	2.4	1.5	-0.485	0.95	-0.488	4.010	0.565	3.6	4.4	12.7	-19.2	A
550	KHR550	20-30	Male	Regular	3.2	3.0	0.484	0.97	-0.252	2.619	0.253	2.4	2.8	12.9	-19.2	C
565	KHM565	20-30	Female	Plague	2.4	3.0	-0.485	0.99	-0.323	2.847	0.118	2.9	2.8	12.2	-19.4	C
662	KHR662	8-11	ND	Regular	3.3	2.0	0.605	0.82	-0.168	1.652	0.357	1.4	1.9	12.9	-19.2	A
714	KHR714	20-30	Female	Regular	4.0	4.5	1.454	0.94	-0.116	3.525	0.276	3.3	3.7	11.1	-19.4	A
814	KHM814	20-30	Male	Plague	1.9	0.7	-1.091	0.62	-0.171	2.386	0.486	2.7	2.0	11.0	-19.7	C
819	KHH819	6-8	ND	Famine	3.1	3.0	0.363	0.96	-0.449	2.453	0.052	2.5	2.4	12.1	-19.2	C
846	KHR846	7-9	ND	Regular	2.2	2.0	-0.727	0.97	-0.441	3.155	0.049	3.1	3.2	12.8	-19.3	A
854	KHR854	7-9	ND	Regular	1.9	1.5	-1.091	0.99	-0.446	2.342	0.088	2.3	2.4	12.5	-19.0	D
859	KHH859	12-14	ND	Famine	4.0	3.0	1.454	0.92	-0.366	5.354	0.345	5.1	5.6	11.4	-19.2	D
861	KHR861	20-30	Female	Regular	3.4	3.0	0.727	0.89	-0.254	2.932	0.101	2.9	3.0	13.2	-19.5	C
867	KHM867 ^a	20-30	Male	Plague	3.1	2.0	0.313	0.92	-0.357	4.030	0.396	3.8	4.3	11.2	-20.0	D
919	KHR919 ^a	20-30	Female	Regular	3.6	3.0	0.919	0.99	-0.314	3.644	0.232	3.5	3.8	10.7	-19.2	B
964	KHM964 ^a	50+	Female	Plague	2.7	3.0	-0.101	1	-0.271	1.903	0.038	1.9	1.9	13.0	-19.4	D
1035	KHR1035	12-14	ND	Regular	2.6	2.0	-0.243	0.96	-0.204	4.427	0.024	4.4	4.4	11.7	-19.5	D
1234	KHR1234	7-9	ND	Regular	2.1	1.5	-0.848	0.97	-0.583	3.279	0.282	3.1	3.5	12.5	-19.2	C
1297	KHH1297 _a	30-50	Male	Famine	2.6	2.0	-0.292	0.98	-0.108	2.146	0.080	2.1	2.2	11.0	-20.1	
1299	KHR1299	4-6	ND	Regular	2.4	2.0	-0.485	0.96	-1.842	3.998	0.675	3.5	4.5	11.8		
1310	KHH1310 _a	40-60	Female	Famine	2.9	3.0	0.071	0.87	-0.076	1.994	0.249	2.2	1.8	11.2	-19.8	
1313	KHH1313	15-17	Male	Famine	3.3	2.0	0.605	0.93	-0.313	3.420	0.340	3.2	3.7	12.3	-19.2	C
1318	KHM1318	6-8	ND	Plague	1.8	2.0	-1.212	0.97	-0.613	3.730	0.282	3.9	3.5	11.4	-19.1	C
1321	KHH1321	7-10	ND	Famine	3.0	2.0	0.242	0.89	-0.386	4.124	0.402	3.8	4.4	12.4	-19.2	D
1349	KHH1349 _a	15-16	Male	Famine	3.4	3.0	0.677	0.99	-0.094	1.781	0.001	1.8	1.8	12.2	-19.2	
1363	KHH1363	10-12	ND	Famine	3.7	2.0	1.090	0.76	-0.226	1.935	0.402	1.6	2.2	9.2	-20.2	A
1365	KHH1365	3-4	ND	Famine	1.7	1.5	-1.333	1	-2.369	2.922	0.371	2.7	3.2	11.5		B
1373	KHM1373	17-22	Male	Plague	2.7	3.0	-0.122	0.95	-0.218	3.129	0.098	3.1	3.2	10.0	-19.2	A
1380	KHM1380 _a	20-25	Female	Plague	2.6	3.0	-0.292	0.94	-0.152	2.049	0.101	2.1	2.0	10.1	-19.9	

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1394	KHM1394	7-10	ND	Plague	1.6	2.0	-1.454	0.98	-0.545	3.164	0.235	3.3	3.0	12.7	-19.3	A
1443	KHH1443	20-25	Male	Famine	2.8	2.0	0.000	0.87	-0.202	3.215	0.248	3.0	3.4	13.3	-18.8	C
1452	KHH1452	18-22	Male	Famine	3.0	2.0	0.242	0.94	-0.428	4.524	0.345	4.3	4.8	10.3	-19.4	A
1458	KHM1458	4-6	ND	Plague	2.5	2.0	-0.364	0.98	-1.354	3.484	1.151	2.7	4.3	12.7		C
1461	KHH1461 _a	40-60	ND ADULT	Famine	3.0	3.0	0.263	1	-0.270	3.050	0.071	3.0	3.1	11.0	-19.5	D
1462	KHR1462	20-30	Male	Regular	1.8	2.0	-1.212	0.93	-0.572	5.308	0.343	5.5	5.1	11.0	-19.2	D
1476	KHR1476	7-10	ND	Regular	2.8	2.0	0.000	0.88	-0.603	3.559	0.466	3.2	3.9	12.5	-19.0	D
1492	KHR1492 _a	14-17	ND	Regular	2.8	2.0	-0.050	0.93	-0.394	3.512	0.257	3.3	3.7	12.0	-19.6	A
1505	KHR1505 _a	20-30	Female	Regular	2.7	2.0	-0.171	0.99	-0.285	3.149	0.155	3.0	3.3	12.2	-19.1	C
1621	KHM1621	3-4	ND	Plague	1.1	1.1	-2.060	1	-1.261	1.930	0.015	1.9	1.9	14.1	-18.9	C
1622	KHM1622	7-10	ND	Plague	3.2	3.0	0.484	0.95	-0.220	4.041	0.327	3.8	4.3	11.0	-19.4	C

^a individuals with missing earliest values

^b ND = undetermined sex