Supplementary Tables

Table S1. One-way random effects intraclass correlation coefficients assessing long bone asymmetry.

		ICC	CI (95%)
Femur	Individual	0.999	0.999, 0.999
	Average	0.999	0.999, 0.999
Tibia	Individual	0.989	0.970, 0.996
	Average	0.994	0.985, 0.998
Fibula	Individual	0.986	0.906, 0.998
	Average	0.993	0.950, 0.999
Humerus	Individual	0.960	0.867, 0.989
	Average	0.979	0.928, 0.994
Radius	Individual	0.954	0.873, 0.984
	Average	0.976	0.932, 0.992
Ulna	Individual	0.910	0.614, 0.983
	Average	0.953	0.760, 0.991

Key: ICC = intraclass correlation coefficient; CI = confidence interval.

Table S2. Negative binomial regression investigating age, sex, phase, and mound differences in grave goods quantities.

Model	n Observations	Level	Mean Items	IRR	LL 95% CI	UL 95% CI	p-value	Wald Test p-value
Age	34	Reference	7.33	–	4.22	12.73	–	0.286
		Middle vs. Young	–	1.58	0.78	3.21	0.202	
		Old vs. Young	–	1.74	0.85	3.56	0.131	
		Old vs. Middle		1.10	0.58	2.08	0.774	
Sex	34	Reference	7.67	–	5.06	11.63	–	–
		Male	–	1.75	1.01	3.02	**0.045**	–
Phase	34	Reference	6.75	–	4.59	9.94	–	–
		Late	–	2.16	1.29	3.61	**0.003**	–
Mound	34	Reference	3.5	–	1.45	8.43	–	–
		West	–	3.39	1.35	8.52	**0.009**	–

Key: IRR = incidence rate ratio; UL = upper limit; LL = lower limit; CI = confidence interval. Bold values are statistically significant.

Table S3. Negative binomial regression: main effects model investigating how total grave good quantities vary between the sexes, phases, and over time while adjusting for the effects of each co-variable.

n Observations	Predictor	Level	Mean Items	IRR	LL 95% CI	UL 95% CI	p-value
34	Constant	Early East Female	1.75	–	0.76	4.02	0.185
	Phase	Late	–	2.22	1.42	3.46	**<0.001**
	Mound	West	–	3.07	1.38	6.86	**0.006**
	Sex	Male	–	1.59	1.01	2.50	**0.043**

Key: IRR = incidence rate ratio; UL = upper limit; LL = lower limit; CI = confidence interval. Bold values are statistically significant.

Table S4. Wald tests assessing the overall significance of the total grave goods interactions models.

Model	n	Wald Test p-value
Phase by mound, controlling sex	34	0.086
Sex by mound, controlling for phase	34	0.087
Sex by phase, controlling for mound	34	0.017

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Table S5. Negative binomial regression: sex by phase interactions model investigating sex differences over time while controlling for differences between the mounds.

n Observations	Predictor	Level	Mean Items	IRR	LL 95% CI	UL 95% CI	p-value	Wald Test p-value
	Reference	Early East Female	0.94	–	0.37	2.39	0.890	
	Phase	Late	–	2.47	1.61	3.78	**0.000**	
	Mound	West	–	4.14	1.86	9.23	**0.001**	
	Sex	Male	–	0.68	1.10	5.53	**0.016**	
34		EM vs. EF	–	2.90	1.51	5.54	**0.001**	**0.017**
		LF vs. EF	–	4.25	2.13	8.44	**0.000**	
	Phase by sex, controlling for mound	LM vs. EF	–	4.18	2.32	7.51	**0.000**	
		LF vs. EM	–	1.47	0.79	2.71	0.224	
		LM vs. EM	–	1.44	0.84	2.46	0.180	
		LM vs. LF	–	0.98	0.55	1.76	0.956	

Key: IRR = incidence rate ratio; UL = upper limit; LL = lower limit; CI = confidence interval; EM = early male; EF = early female; LF = late female; LM = late male. Bold values are statistically significant.

Table S6. Negative binomial regression: univariable models exploring how quantities of artifacts of differing functions vary by age, sex, phase, and mound.

GG Category	Predictor	n Observations	Level	Mean Items	IRR	LL 95% CI	UL 95% CI	p-value	Wald Test p-value
	Age	34	Young	1	–	0.68	2.21	0.506	–
			Middle vs. Young	–	1.45	0.71	2.97	0.313	
			Old vs. Young	–	2.05	1.03	4.08	**0.042**	0.107
			Old vs. Middle	–	1.41	0.82	2.43	0.212	
Pottery	Sex	34	Female	2	–	1.07	2.39	0.021	–
			Male	–	1.32	0.79	2.18	0.288	
	Phase	34	Early	1	–	0.86	2.01	0.213	–
			Late	–	1.82	1.08	3.07	**0.024**	
	Mound	34	East	1	–	0.38	2.66	1.000	–
			West	–	2.00	0.73	5.50	0.180	
	Age	34	Young	–	–	2.17	8.66	0.000	–
			Middle vs. Young	–	1.85	0.76	4.47	0.174	
			Old vs. Young	–	1.87	0.76	4.58	0.173	0.315
			Old vs. Middle	–	1.01	0.46	2.23	0.980	
Ornaments	Sex	34	Female	5	–	3.03	8.71	0.000	–
			Male	–	1.67	0.83	3.35	0.148	
	Phase	34	Early	5	–	2.87	7.87	0.000	–
			Late	–	1.92	0.97	3.78	0.060	
	Mound	34	East	2	–	0.74	6.86	0.154	–
			West	–	3.42	1.06	11.03	**0.039**	
	Age	34	Young	1	–	0.64	3.25	0.374	–
			Middle vs. Young	–	0.80	0.27	2.35	0.683	
			Old vs. Young	–	1.10	0.38	3.17	0.866	0.815
			Old vs. Middle	–	1.37	0.51	3.69	0.531	
Utilitarian	Sex	34	Female	1	–	0.40	1.60	0.529	–
			Male	–	2.30	0.99	5.38	0.054	
	Phase	34	Early	0.25	–	0.09	0.67	0.006	–
			Late	–	9.56	3.43	26.64	**0.000**	
	Mound	34	East	0.25	–	0.03	2.08	0.200	–
			West	–	6.13	0.71	53.16	0.100	
	Age	34	Young	0.22	–	0.06	0.89	0.033	–
			Middle vs. Young	–	1.04	0.17	6.21	0.967	
			Old vs. Young	–	1.88	0.36	9.66	0.452	0.631
			Old vs. Middle	–	1.81	0.43	7.56	0.418	
Other	Sex	34	Female	0.07	–	0.01	0.47	0.007	–
			Male	–	7.11	0.90	56.08	0.063	
	Phase	34	Early	0.25	–	0.09	0.67	0.006	–
			Late	–	1.33	0.38	4.72	0.656	

Key: GG, grave goods; IRR = incidence rate ratio; UL = upper limit; LL = lower limit; CI = confidence interval. Bold values are statistically significant.

Table S7. Negative binomial regression: univariable models exploring how quantities of artifacts of differing materials vary by age, sex, phase, and mound.

GG Category	Predictor	n Observations	Level	Mean Items	IRR	LL 95% CI	UL 95% CI	p-value	Wald Test p-value
Ceramics	Age	34	Young	1.22	–	0.68	2.21	0.506	–
			Middle vs. Young	–	1.45	0.71	2.97	0.313	
			Old vs. Young	–	2.05	1.03	4.08	**0.042**	0.107
			Old vs. Middle	–	1.41	0.82	2.43	0.212	
	Sex	34	Female	1.60	–	1.07	2.39	0.021	–
			Male	–	1.32	0.79	2.18	0.288	
	Phase	34	Early	1.31	–	0.86	2.01	0.213	–
			Late	–	1.82	1.08	3.07	**0.024**	
	Mound	34	East	1.00	–	0.38	2.66	1.000	–
			West	–	2.00	0.73	5.50	0.180	
Stone	Sex	34	Female	0.27	–	0.10	0.71	0.008	–
			Male	–	1.18	0.33	4.20	0.793	
	Phase	34	Early	0.44	–	0.21	0.92	0.029	–
			Late	–	0.38	0.10	1.47	0.162	
Metal	Age	34	Young	5.78	–	2.71	12.31	0.000	–
			Middle vs. Young	–	1.40	0.53	3.71	0.501	
			Old vs. Young	–	1.47	0.55	3.97	0.446	0.720
			Old vs. Middle	–	1.05	0.43	2.56	0.911	
	Sex	34	Female	5.33	–	3.00	9.48	0.000	–
			Male	–	1.77	0.83	3.77	0.141	
	Phase	34	Early	4.06	–	2.39	6.90	0.000	–
			Late	–	2.65	1.31	5.37	**0.007**	
	Mound	34	East	2.50	–	0.76	8.22	0.131	–
			West	–	3.32	0.95	11.62	0.060	
Glass	Sex	34	Female	0.27	–	0.10	0.71	0.008	–
			Male	–	0.79	0.20	3.16	0.738	
	Phase	34	Early	0.38	–	0.17	0.83	0.016	–
			Late	–	0.30	0.06	1.47	0.136	
Other	Sex	34	Female	0.13	–	0.02	0.98	0.048	–
			Male	–	4.74	0.41	54.16	0.211	
	Phase	34	Early	0.06	–	0.01	0.63	0.019	–
			Late	–	11.56	0.83	161.35	0.069	

Key: GG = grave goods; IRR = incidence rate ratio; UL = upper limit; LL = lower limit; CI = confidence interval. Bold values are statistically significant.

Table S8. Levene's tests assessing whether sex-specific variation in long bone lengths differs between the east and west mounds.

	Absolute Variation[†]	
Long Bone	Sex	*p*-value
Femur	Female	0.260
	Male	0.906
Tibia	Female	N/A
	Male	0.187
Fibula	Female	N/A
	Male	**0.043**
Humerus	Female	**0.002**
	Male	0.260
Radius	Female	0.348
	Male	0.307
Ulna	Female	0.861
	Male	0.368

	Relative Variation[§]	
Long Bone	Sex	*p*-value
Femur	Female	0.226
	Male	0.949
Tibia	Female	N/A
	Male	0.206
Fibula	Female	N/A
	Male	**0.047**
Humerus	Female	**0.002**
	Male	0.228
Radius	Female	0.373
	Male	0.335
Ulna	Female	0.871
	Male	0.392

[†]Assessed using raw long bone lengths.
[§]Assessed using log-transformed long bone lengths.
Bold values are statistically significant.