

SUPPLEMENTARY TABLE 1. Analysis of Variance to compare between groups

			ANOVA			
			Humerus			
		SS	d.f.	MS	F	Sig.
Female	Between-groups	104.0	4	26.0	7,167	0.000
	Within-groups	555.0	153	3.6		
	Total	658.9	157			
Male	Between-groups	11.5	4	2.9	0.531	0.713
	Within-groups	965.3	178	5.4		
	Total	976.8	182			

			Femur			
		SS	d.f.	MS	F	Sig.
Female	Between-groups	42.4	4	10.6	3,267	0.013
	Within-groups	528.9	163	3.2		
	Total	571.3	167			
Male	Between-groups	32.4	4	8.1	1,650	0.163
	Within-groups	965.5	197	4.9		
	Total	997.9	201			

One-way ANOVA test of equality between groups means, significant $p \leq 0.05$

SUPPLEMENTARY TABLE 2. Means, standard deviation and Shapiro-Wilk normality test for humeral and femoral head diameter. Ungrouped populations

			Female						
		N	Min.	Max.	Mean	S.D.	Shapiro-Wilk	d.f.	Sig.
Monte Alban	Humerus	9	36	42	38.68	2.51	0.896	9	0.23
	Femur	11	35	42	39.01	1.78	0.949	11	0.63
La Mesa	Humerus	12	34	40	37.46	1.59	0.955	12	0.71
	Femur	13	39	42	40.46	1.17	0.895	13	0.12
San Gregorio	Humerus	46	35	41	37.63	1.58	0.964	46	0.16
	Femur	52	36	42	38.53	1.49	0.985	52	0.74
Xigui	Humerus	30	35	43	39.30	2.10	0.936	30	0.07
	Femur	30	34	43	38.53	2.08	0.978	30	0.77
CDMX	Humerus	61	34	43	39.31	1.99	0.974	61	0.21
	Femur	62	35	44	38.83	1.99	0.966	62	0.08

			Male						
		N	Min.	Max.	Mean	S.D.	Shapiro-Wilk	d.f.	Sig.
Monte Alban	Humerus	22	40	48	44.63	2.67	0.917	22	0.07
	Femur	32	41	48	43.97	2.23	0.944	32	0.10
La Mesa	Humerus	12	42	48	44.71	2.11	0.910	12	0.21
	Femur	12	41	49	45.00	2.31	0.947	12	0.59
San Gregorio	Humerus	32	42	48	44.14	1.68	0.951	32	0.15
	Femur	40	41	48	44.25	1.41	0.984	40	0.84
Xigui	Humerus	30	40	49	44.97	2.31	0.964	30	0.39
	Femur	30	40	49	44.53	2.19	0.967	30	0.45
CDMX	Humerus	87	38	52	44.70	2.47	0.980	87	0.20
	Femur	88	39	51	44.98	2.48	0.985	88	0.42

Min.=Minimum; Max=Maximum; S.D.=Standard deviation; d.f.=Degree of freedom; Sig.=Significance