

	ER1813	L.Bua	L.Toge	Roti	Lemdubu	Tasm	Tasf	Maluku	Sundas	NewCal	NewBr	Mysore	Purari	MurF	MurM	NTF	NTM
ER1813	0.7438	1.4948	1.2742	1.6609	1.7228	1.7444	1.8588	1.8802	1.8687	1.8957	1.8453	1.7705	1.6246	1.597	1.6529	1.7009	
L.Bua	0.7438	1.2884	1.2497	1.4007	1.3953	1.4098	1.5259	1.6642	1.8087	1.7405	1.6676	1.7559	1.4944	1.5957	1.6665	1.7183	
L.Toge	1.2742	1.2497	1.438	1.3482	1.2166	1.266	1.1807	1.3023	1.2043	1.1145	1.0956	1.2287	1.2641	1.2507	1.3487	1.2833	
Roti	1.4948	1.2884	1.0124	0.6857	1.0124	0.9441	0.9753	0.8546	1.0295	1.0405	1.1065	1.0014	0.9238	0.976	0.8308	0.9476	
Lemdubu	1.5259	1.3023	1.1145	0.6857	0.5633	0.6164	0.5589	0.47	0.864	0.8115	0.9073	0.9284	0.898	1.005	0.9771	1.038	
Tasm	1.6609	1.3482	1.1807	0.5589	0.3001	0.3001	0.3001	0.4598	0.6246	0.8615	0.6305	0.6416	0.8378	0.5889	0.7816	0.9448	
Tasf	1.7405	1.3953	1.2043	0.5833	0.3001	0.3212	0.3212	0.5605	0.8571	0.6361	0.6171	0.8436	0.5492	0.8047	0.822	0.8721	
Maluku	1.7444	1.4007	1.2166	0.6164	0.4598	0.3212	0.3549	0.5605	0.7199	0.5655	0.5817	0.8142	0.7314	0.9066	0.8595	0.8742	
Sundas	1.7228	1.4098	1.266	0.6246	0.47	0.5605	0.3549	0.5122	0.5181	0.6333	0.6802	0.7896	0.8657	0.7434	0.7589	0.7589	
NewCal	1.7559	1.438	1.2287	0.8115	0.6305	0.5889	0.5655	0.5122	0.5162	0.3538	0.3969	0.5162	0.3538	0.7771	0.6624	0.561	
NewBr	1.7705	1.4944	1.2507	0.8378	0.6416	0.6361	0.5817	0.5162	0.3969	0.213	0.213	0.3281	0.5301	0.5172	0.583	0.5399	
Mysore	1.8087	1.5957	1.2641	0.8615	0.7816	0.7199	0.6171	0.5181	0.3969	0.213	0.4059	0.4975	0.5073	0.6219	0.5657	0.5657	
Purari	1.8453	1.597	1.2833	0.898	0.8436	0.8047	0.6333	0.5492	0.4713	0.4059	0.3281	0.5703	0.3622	0.4511	0.3828	0.3828	
MurF	1.8588	1.6246	1.3487	0.9073	0.8571	0.822	0.7314	0.6802	0.561	0.5172	0.4975	0.3622	0.3404	0.4996	0.5623	0.5623	
MurM	1.8687	1.6642	1.6529	0.9284	0.9107	0.8308	0.8142	0.7434	0.6624	0.5301	0.5073	0.3828	0.3404	0.4305	0.4357	0.4357	
NTF	1.8802	1.6676	1.6665	0.9771	0.9448	0.8721	0.8595	0.7896	0.7589	0.583	0.5703	0.5399	0.4511	0.4305	0.4305	0.4305	
NTM	1.8957	1.7183	1.7009	1.038	0.9476	0.9066	0.8742	0.8657	0.7771	0.6219	0.5657	0.5623	0.4996	0.4357	0.4357	0.169	

Seriated shape distances between the hobbit ("L.Bua"), Australasian H. sapiens, and the H. habilis fossil KNM-ER 1813.

Top right half-matrix shows the calibrated distances after linkage clustering (Nearest Neighbour) and seriation.
 Bottom left half-matrix shows the same distances after minimal transposition that produces a perfect seriation, i.e. where every distance closer to the diagonal is less than or equal to every distance further from the diagonal, along either a row or a column.

Coefficient of determination between the values in these two half matrices is 89.8%

Explanation of acronyms: KNM-ER 1813 (1813), Liang Bua 1 (L.Bua), Liang Toge (L.Toge), Roti female, Liang Lemdubu (Lemdubu), Tasmanian males (Tasm), Tasmanian females (Tasf), South Maluku males (Maluku), Lesser Sunda males (Sundas), New Caledonia (NewCal), New Britain males (NewBr), Mysore-Rubi m (Mysore), Purari Delta males (Purari), Murray Valley females (MurF), Murray Valley males (MurM), and Northern Territory females and males (NTF and NTM).