

Supplementary Table S1. Information on groups, sample sizes and mean estimated inbreeding coefficients. “Non-IE speaking Indian tribal group” refers to Indian Scheduled Tribes speaking a non-Indo-European language. “1KGP” refers to groups contained in the 1000 Genomes Project that were sequenced separately in Wall et al. (2023).

Group	Code	# inds	F _{gen}	F _{ROH}	Larger grouping
Abujmaria	ABM	12	0.0013	0.0085	Non-IE speaking Indian tribal group
Aeta	AET	27	0.0289	0.0606	Southeast Asian
Agharia	AGH	13	0.0096	0.0174	South Asian
Ahir	AHI	19	0	0.0046	South Asian
Ati	ATI	17	0.011	0.0227	Southeast Asian
Balochi	BAL	15	0.0271	0.0379	South Asian
Bangladeshi	BAN	495	0.0036	0.007	South Asian
1KGP Bangla	BEB	26	0.0006	0.004	South Asian
Bena	BEN	10	0.0266	0.0379	Southeast Asian
Bhanusali	BHA	17	0.0064	0.0157	South Asian
Birhor	BIR	14	0.0324	0.0457	Non-IE speaking Indian tribal group
Balmiki	BLM	16	0.0029	0.0086	South Asian
Urban Bengaluru	BLR	380	0.0146	0.0194	South Asian
Brahui	BRA	16	0.0342	0.0449	South Asian
Birbhum, W. Bengal	BRB	1139	0.0086	0.0127	South Asian
Burusho	BRU	10	0.0063	0.0102	South Asian
1KGP N. Chinese	CHB	56	0	0.0041	East Asian
Chakma	CHK	11	0.0142	0.0187	Non-IE speaking Indian tribal group
Chamar	CHM	9	0.0035	0.0116	South Asian
1KGP S. Chinese	CHS	41	0.0019	0.0059	East Asian
Cibal	CIB	12	0.013	0.0199	Southeast Asian
Urban Coimbatore	COI	146	0.0179	0.0243	South Asian
1KGP Dai	DAI	24	0.0033	0.0084	Southeast Asian
Dhurwa	DHR	10	0.0188	0.0226	Non-IE speaking Indian tribal group
Dorla	DOR	12	0.0352	0.0408	Non-IE speaking Indian tribal group
1KGP British	GBR	26	0.003	0.0087	Non-Asian
1KGP Gujarati	GIH	24	0.0033	0.0092	South Asian
Gujjar	GUJ	20	0.0313	0.0361	South Asian
Hazara	HAZ	19	0.0115	0.016	South Asian
Hill Korwa	HKR	11	0.0227	0.038	Non-IE speaking Indian tribal group
Halba	HLB	14	0.0033	0.0074	South Asian
1KGP Telugu	ITU	25	0.0038	0.0102	South Asian
Iyer	IYE	15	0.0021	0.0069	South Asian
Jamatia	JAM	9	0.0069	0.0117	Non-IE speaking Indian tribal group
1KGP Japanese	JPN	26	0.0012	0.0067	East Asian
Jarawa	JAR	10	0.0406	0.0831	Non-IE speaking Indian tribal group
Kamar	KAM	10	0.0188	0.0377	South Asian

Khatri	KHA	17	0.0074	0.0131	South Asian
1KGP Kinh	KIN	27	0.0023	0.0066	Southeast Asian
Konda Reddy	KNR	14	0.0156	0.0213	Non-IE speaking Indian tribal group
Kota	KTA	10	0.0109	0.0284	Non-IE speaking Indian tribal group
Kaya Dora	KYD	9	0.0122	0.0388	Non-IE speaking Indian tribal group
Lambada	LAM	12	0.0039	0.0071	Non-IE speaking Indian tribal group
Lodha	LOD	15	0.024	0.0444	Non-IE speaking Indian tribal group
Urban Chennai	MAA	837	0.0161	0.0216	South Asian
Maasai	MAS	26	0.0006	0.0028	Non-Asian
Meo	MEO	20	0	0.0055	South Asian
Mahar	MHR	20	0.0055	0.0114	South Asian
Malay	MLY	91	0.0055	0.0104	Southeast Asian
Mog	MOG	21	0.0089	0.0169	Non-IE speaking Indian tribal group
Muria	MUR	11	0.0014	0.0089	Non-IE speaking Indian tribal group
Nias	NIA	15	0.0073	0.0231	Southeast Asian
Nicobarese	NIC	19	0.0288	0.0584	Non-IE speaking Indian tribal group
Nakanai Bileki	NKB	10	0.0141	0.0223	Non-Asian
Onge	ONG	12	0.0234	0.0758	Non-IE speaking Indian tribal group
Oraon	ORN	17	0	0.0059	Non-IE speaking Indian tribal group
Pakistani cohort 1	PAK1	1006	0.018	0.0226	South Asian
Pakistani cohort 2	PAK2	804	0.0217	0.0268	South Asian
Papuan	PAP	19	0.0107	0.0263	Non-Asian
Parsi	PAR	18	0.0139	0.0296	South Asian
Pathan	PAT	19	0.014	0.0177	South Asian
1KGP Punjabi	PJL	28	0.0022	0.0079	South Asian
Punjabi Brahmin	PNB	13	0.0012	0.0128	South Asian
Paniya	PNY	11	0.0057	0.0328	Non-IE speaking Indian tribal group
Rajput	RAJ	20	0.0086	0.016	South Asian
Rampasasa	RAM	19	0.0058	0.0144	Southeast Asian
Ramgharia	RMG	11	0.0014	0.0074	South Asian
Rana Tharu	RTH	12	0.0013	0.0082	South Asian
Scheduled Caste	SCH	12	0.0104	0.0142	South Asian
Sindhi	SND	15	0.0219	0.0276	South Asian
Saryupathi Brahmin	SRB	14	0.0011	0.0058	South Asian
Singapore S. Indian	SSI	38	0.009	0.0126	South Asian
1KGP Tamil	STU	25	0.0213	0.0253	South Asian
Tibetan	TIB	12	0.0065	0.0101	East Asian
Tanti	TNT	13	0.0096	0.0144	South Asian
Toda	TOD	19	0.0313	0.0755	Non-IE speaking Indian tribal group
Toto	TTO	9	0.0573	0.0949	Non-IE speaking Indian tribal group
1KGP Yoruba	YOR	28	0.0011	0.0024	Non-Asian