

Table S8. Proportion of AACs from the Global Unsupervised Structure Run at K=14

Populations	Continent	Subregion	Nilo				S.African	Niger	East	W.					Native		n
			Fulani	Saharan	Oceania	Chadic	Khoesan	Kordofanian	Asian	Hadza	Sandawe	Indian	Cushitic	Pygmy	European	American	
Banuamir Beja	Africa	Saharan Africa	0.004	0.017	0.001	0.043	0.002	0.045	0.010	0.003	0.009	0.030	0.514	0.003	0.317	0.002	23
Hadandawa Beja	Africa	Saharan Africa	0.006	0.022	0.001	0.058	0.001	0.040	0.008	0.003	0.006	0.021	0.492	0.004	0.335	0.002	19
Mozabite	Africa	Saharan Africa	0.142	0.006	0.001	0.017	0.002	0.105	0.007	0.004	0.008	0.026	0.075	0.003	0.602	0.002	29
Mandinka	Africa	Western Africa	0.081	0.006	0.006	0.044	0.005	0.792	0.006	0.003	0.012	0.013	0.016	0.007	0.007	0.004	22
Dogon	Africa	Western Africa	0.004	0.005	0.006	0.010	0.164	0.174	0.009	0.002	0.030	0.026	0.117	0.004	0.445	0.004	9
Dioula	Africa	Western Africa	0.006	0.003	0.006	0.035	0.001	0.904	0.004	0.003	0.008	0.014	0.007	0.003	0.005	0.002	5
Ashanti	Africa	Western Africa	0.005	0.009	0.001	0.025	0.003	0.901	0.004	0.003	0.012	0.009	0.011	0.009	0.008	0.002	15
Brong	Africa	Western Africa	0.010	0.006	0.002	0.034	0.002	0.890	0.006	0.003	0.008	0.012	0.016	0.004	0.008	0.002	26
Hausa	Africa	Western Africa	0.019	0.007	0.003	0.048	0.002	0.864	0.006	0.002	0.008	0.011	0.016	0.005	0.007	0.002	16
Fulani	Africa	Western Africa	0.360	0.012	0.001	0.053	0.001	0.474	0.004	0.001	0.008	0.012	0.016	0.003	0.054	0.002	4
Yoruba	Africa	Western Africa	0.003	0.006	0.001	0.015	0.002	0.932	0.004	0.003	0.008	0.008	0.007	0.003	0.006	0.003	25
Yoruba (CEPH)	Africa	Western Africa	0.004	0.005	0.002	0.016	0.004	0.915	0.004	0.003	0.011	0.009	0.010	0.005	0.009	0.003	22
Igala	Africa	Western Africa	0.001	0.005	0.001	0.013	0.002	0.931	0.003	0.003	0.009	0.010	0.010	0.005	0.004	0.003	17
Igbo	Africa	Western Africa	0.004	0.007	0.002	0.009	0.003	0.920	0.003	0.003	0.013	0.009	0.014	0.008	0.005	0.001	28
Gwari	Africa	Western Africa	0.006	0.008	0.002	0.032	0.002	0.895	0.003	0.003	0.010	0.008	0.019	0.004	0.008	0.002	22
Bassange	Africa	Western Africa	0.002	0.004	0.001	0.030	0.003	0.913	0.005	0.004	0.006	0.009	0.009	0.003	0.006	0.004	20
Koma	Africa	Western Africa	0.027	0.068	0.003	0.049	0.071	0.717	0.006	0.004	0.010	0.011	0.008	0.003	0.020	0.004	12
Mada	Africa	Central Africa	0.002	0.009	0.001	0.477	0.002	0.471	0.004	0.002	0.008	0.005	0.008	0.005	0.004	0.001	28
Ouldeme	Africa	Central Africa	0.004	0.004	0.001	0.471	0.002	0.477	0.003	0.003	0.006	0.006	0.009	0.006	0.005	0.002	26
Giziga	Africa	Central Africa	0.005	0.011	0.002	0.371	0.004	0.557	0.003	0.002	0.010	0.009	0.014	0.004	0.007	0.001	24
Mandara	Africa	Central Africa	0.016	0.023	0.001	0.379	0.003	0.512	0.004	0.003	0.010	0.011	0.023	0.005	0.008	0.002	26
Kotoko	Africa	Central Africa	0.008	0.023	0.001	0.401	0.002	0.473	0.002	0.005	0.006	0.011	0.035	0.009	0.019	0.003	17
Zulgo	Africa	Central Africa	0.002	0.007	0.001	0.452	0.001	0.495	0.002	0.002	0.006	0.006	0.010	0.011	0.003	0.001	22
Podokwo	Africa	Central Africa	0.001	0.009	0.001	0.467	0.002	0.479	0.003	0.004	0.005	0.006	0.010	0.007	0.004	0.002	30
Massa	Africa	Central Africa	0.002	0.063	0.001	0.352	0.002	0.528	0.003	0.004	0.009	0.006	0.020	0.004	0.004	0.002	15
Hausa	Africa	Central Africa	0.019	0.007	0.002	0.150	0.003	0.748	0.004	0.003	0.010	0.012	0.021	0.007	0.012	0.002	27
Baggara	Africa	Central Africa	0.085	0.075	0.002	0.265	0.002	0.360	0.007	0.002	0.010	0.019	0.113	0.006	0.051	0.002	23
Adamawa Fulani	Africa	Central Africa	0.289	0.008	0.001	0.176	0.002	0.449	0.004	0.002	0.008	0.013	0.016	0.004	0.025	0.004	41
Mbororo Fulani	Africa	Central Africa	0.627	0.002	0.001	0.016	0.001	0.283	0.005	0.001	0.006	0.013	0.016	0.002	0.026	0.002	13
Tupuri	Africa	Central Africa	0.003	0.027	0.001	0.325	0.002	0.590	0.003	0.002	0.008	0.008	0.019	0.005	0.007	0.002	22
Baka	Africa	Central Africa	0.001	0.003	0.001	0.005	0.002	0.326	0.002	0.002	0.004	0.004	0.005	0.642	0.002	0.001	48
Bakola	Africa	Central Africa	0.001	0.002	0.001	0.005	0.003	0.366	0.002	0.003	0.008	0.005	0.004	0.596	0.002	0.001	42
Bedzan	Africa	Central Africa	0.002	0.002	0.000	0.004	0.002	0.536	0.002	0.004	0.004	0.006	0.006	0.427	0.003	0.002	17
Mvae	Africa	Central Africa	0.001	0.009	0.002	0.006	0.004	0.887	0.003	0.002	0.015	0.007	0.016	0.040	0.007	0.001	24
Ngumba	Africa	Central Africa	0.003	0.007	0.001	0.004	0.002	0.862	0.003	0.005	0.016	0.009	0.013	0.068	0.005	0.002	27
Zime	Africa	Central Africa	0.001	0.008	0.001	0.018	0.003	0.852	0.003	0.005	0.022	0.008	0.013	0.059	0.005	0.002	30
Bamoun	Africa	Central Africa	0.003	0.011	0.001	0.010	0.003	0.919	0.003	0.002	0.011	0.007	0.015	0.009	0.005	0.001	31
Banen	Africa	Central Africa	0.002	0.009	0.002	0.006	0.006	0.914	0.003	0.003	0.013	0.006	0.014	0.015	0.005	0.002	25
Bafia	Africa	Central Africa	0.002	0.005	0.001	0.010	0.004	0.914	0.004	0.004	0.013	0.007	0.011	0.017	0.005	0.002	30
Lemande	Africa	Central Africa	0.001	0.005	0.001	0.008	0.002	0.935	0.005	0.004	0.009	0.005	0.008	0.010	0.004	0.002	26
Batanga	Africa	Central Africa	0.003	0.006	0.001	0.012	0.004	0.896	0.004	0.003	0.016	0.007	0.013	0.030	0.004	0.001	20
Iyassa	Africa	Central Africa	0.001	0.004	0.001	0.006	0.004	0.891	0.003	0.004	0.018	0.011	0.013	0.026	0.016	0.002	37
Fang	Africa	Central Africa	0.002	0.009	0.001	0.006	0.003	0.887	0.003	0.005	0.012	0.006	0.016	0.045	0.004	0.001	19
Mabea	Africa	Central Africa	0.003	0.006	0.001	0.005	0.003	0.883	0.003	0.003	0.010	0.006	0.008	0.064	0.005	0.002	13
Yambassa	Africa	Central Africa	0.002	0.006	0.001	0.010	0.002	0.917	0.004	0.002	0.019	0.009	0.009	0.012	0.004	0.002	17
South Tikar	Africa	Central Africa	0.002	0.006	0.002	0.017	0.009	0.897	0.003	0.004	0.013	0.007	0.010	0.023	0.005	0.002	21
North Tikar	Africa	Central Africa	0.003	0.009	0.001	0.018	0.006	0.891	0.003	0.002	0.023	0.009	0.014	0.015	0.005	0.001	13
Ntumu	Africa	Central Africa	0.001	0.004	0.001	0.008	0.002	0.922	0.003	0.007	0.011	0.006	0.007	0.018	0.009	0.001	11
Bulu	Africa	Central Africa	0.001	0.005	0.001	0.008	0.005	0.901	0.002	0.004	0.013	0.010	0.011	0.030	0.006	0.001	22
Eton	Africa	Central Africa	0.003	0.013	0.002	0.010	0.001	0.895	0.009	0.004	0.008	0.012	0.009	0.029	0.004	0.001	4
Wimbum	Africa	Central Africa	0.002	0.009	0.004	0.007	0.004	0.908	0.004	0.003	0.019	0.011	0.015	0.007	0.005	0.002	15

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			Fulani	Saharan	Oceania	Chadic	Khoesan	Kordofanian	Asian	Hadza	Sandawe	Indian	Cushitic	Pvgymy	European		American
Batie	Africa	Central Africa	0.001	0.009	0.002	0.008	0.007	0.921	0.003	0.002	0.014	0.008	0.008	0.009	0.003	0.003	16
Ewondo	Africa	Central Africa	0.002	0.004	0.001	0.021	0.002	0.912	0.002	0.001	0.009	0.005	0.007	0.032	0.003	0.001	3
Kanuri	Africa	Central Africa	0.023	0.037	0.001	0.296	0.004	0.556	0.005	0.004	0.016	0.008	0.034	0.007	0.008	0.002	31
Biaka	Africa	Central Africa	0.001	0.003	0.001	0.011	0.006	0.310	0.002	0.001	0.006	0.005	0.005	0.646	0.003	0.001	23
Mbum	Africa	Central Africa	0.003	0.014	0.002	0.132	0.004	0.809	0.002	0.003	0.007	0.006	0.010	0.003	0.004	0.002	13
Yakoma	Africa	Central Africa	0.001	0.020	0.002	0.123	0.008	0.749	0.008	0.004	0.014	0.013	0.012	0.043	0.004	0.001	6
Gbaya	Africa	Central Africa	0.002	0.022	0.001	0.086	0.003	0.822	0.004	0.003	0.006	0.011	0.020	0.012	0.006	0.002	15
Laka	Africa	Central Africa	0.004	0.010	0.001	0.153	0.005	0.767	0.005	0.004	0.009	0.009	0.019	0.008	0.004	0.002	33
Ngambaye	Africa	Central Africa	0.003	0.023	0.001	0.192	0.002	0.722	0.005	0.003	0.009	0.011	0.016	0.005	0.005	0.003	30
Kaba	Africa	Central Africa	0.002	0.016	0.002	0.147	0.004	0.768	0.005	0.003	0.010	0.011	0.019	0.006	0.005	0.003	27
Bulala	Africa	Central Africa	0.009	0.127	0.001	0.404	0.003	0.342	0.004	0.003	0.009	0.012	0.061	0.004	0.019	0.002	15
Kanembou	Africa	Central Africa	0.006	0.060	0.004	0.311	0.005	0.408	0.002	0.002	0.011	0.023	0.112	0.003	0.051	0.003	5
Sara	Africa	Central Africa	0.005	0.026	0.001	0.163	0.002	0.736	0.004	0.004	0.010	0.008	0.027	0.007	0.005	0.002	27
Baluba	Africa	Central Africa	0.002	0.014	0.001	0.006	0.003	0.909	0.006	0.003	0.012	0.007	0.007	0.025	0.003	0.002	6
Kongo	Africa	Central Africa	0.001	0.006	0.001	0.007	0.003	0.907	0.003	0.003	0.023	0.010	0.012	0.015	0.006	0.003	17
Barega	Africa	Central Africa	0.002	0.013	0.001	0.030	0.041	0.826	0.002	0.009	0.042	0.010	0.009	0.011	0.002	0.002	4
Mbuti	Africa	Central Africa	0.000	0.031	0.001	0.006	0.568	0.134	0.001	0.005	0.011	0.003	0.007	0.230	0.002	0.001	13
Tutsi/Hutu	Africa	Central Africa	0.001	0.038	0.001	0.004	0.007	0.655	0.005	0.002	0.064	0.016	0.177	0.018	0.011	0.002	8
Dinka	Africa	Central Africa	0.001	0.522	0.001	0.266	0.003	0.149	0.003	0.004	0.006	0.003	0.033	0.006	0.002	0.001	17
Nuer	Africa	Central Africa	0.002	0.531	0.001	0.239	0.004	0.142	0.003	0.003	0.010	0.009	0.042	0.008	0.004	0.002	18
Shilluk	Africa	Central Africa	0.002	0.499	0.001	0.233	0.002	0.198	0.003	0.008	0.006	0.005	0.034	0.004	0.003	0.001	15
Nyimang	Africa	Central Africa	0.010	0.375	0.001	0.267	0.022	0.154	0.003	0.002	0.011	0.009	0.121	0.005	0.018	0.002	12
Hadza	Africa	Eastern Africa	0.002	0.006	0.001	0.005	0.003	0.206	0.003	0.671	0.025	0.008	0.057	0.005	0.006	0.003	63
Sandawe	Africa	Eastern Africa	0.002	0.008	0.001	0.007	0.004	0.171	0.003	0.006	0.688	0.011	0.083	0.004	0.010	0.002	51
Iraqw	Africa	Eastern Africa	0.002	0.003	0.002	0.004	0.002	0.054	0.009	0.008	0.085	0.013	0.788	0.007	0.018	0.003	46
Burunge	Africa	Eastern Africa	0.003	0.013	0.001	0.005	0.007	0.248	0.007	0.014	0.285	0.013	0.375	0.016	0.010	0.002	22
Fiome	Africa	Eastern Africa	0.005	0.008	0.001	0.009	0.004	0.109	0.009	0.012	0.101	0.019	0.691	0.005	0.023	0.003	22
Mbugu	Africa	Eastern Africa	0.002	0.007	0.002	0.011	0.003	0.293	0.005	0.003	0.034	0.018	0.605	0.004	0.012	0.003	22
Maasai	Africa	Eastern Africa	0.002	0.136	0.001	0.023	0.006	0.230	0.006	0.008	0.050	0.018	0.486	0.008	0.021	0.004	36
Akie	Africa	Eastern Africa	0.003	0.032	0.001	0.007	0.004	0.143	0.008	0.006	0.151	0.016	0.600	0.006	0.019	0.004	23
Datog	Africa	Eastern Africa	0.005	0.050	0.002	0.026	0.003	0.128	0.009	0.007	0.044	0.016	0.683	0.007	0.015	0.005	54
Turu	Africa	Eastern Africa	0.003	0.010	0.002	0.007	0.006	0.374	0.009	0.009	0.232	0.013	0.312	0.010	0.009	0.004	32
Sukuma	Africa	Eastern Africa	0.002	0.023	0.004	0.003	0.011	0.677	0.006	0.016	0.106	0.010	0.125	0.006	0.008	0.002	10
Gogo	Africa	Eastern Africa	0.002	0.014	0.001	0.007	0.017	0.515	0.005	0.009	0.196	0.009	0.205	0.007	0.010	0.004	13
Mbugwe	Africa	Eastern Africa	0.002	0.013	0.002	0.006	0.006	0.513	0.007	0.008	0.141	0.011	0.265	0.011	0.012	0.004	21
Rangi	Africa	Eastern Africa	0.001	0.008	0.001	0.007	0.007	0.424	0.006	0.008	0.195	0.016	0.306	0.008	0.010	0.002	36
Sambaa	Africa	Eastern Africa	0.002	0.007	0.001	0.006	0.007	0.609	0.007	0.002	0.083	0.011	0.242	0.007	0.013	0.004	18
Pare	Africa	Eastern Africa	0.003	0.006	0.001	0.004	0.011	0.657	0.004	0.005	0.077	0.009	0.206	0.006	0.009	0.002	23
Gabra	Africa	Eastern Africa	0.005	0.028	0.003	0.037	0.006	0.026	0.016	0.002	0.010	0.055	0.754	0.004	0.052	0.002	17
Borana	Africa	Eastern Africa	0.005	0.022	0.003	0.027	0.004	0.055	0.011	0.004	0.019	0.037	0.749	0.006	0.055	0.003	32
Wata	Africa	Eastern Africa	0.005	0.032	0.001	0.040	0.003	0.053	0.011	0.004	0.010	0.032	0.782	0.005	0.021	0.002	6
Rendille	Africa	Eastern Africa	0.002	0.033	0.002	0.028	0.002	0.042	0.005	0.002	0.006	0.036	0.743	0.003	0.089	0.006	28
El Molo	Africa	Eastern Africa	0.002	0.217	0.001	0.022	0.003	0.109	0.004	0.002	0.020	0.015	0.576	0.008	0.020	0.002	16
Yaaku	Africa	Eastern Africa	0.002	0.113	0.001	0.011	0.003	0.098	0.005	0.002	0.026	0.014	0.694	0.006	0.018	0.006	19
Mumonyot Maasai	Africa	Eastern Africa	0.009	0.182	0.001	0.017	0.005	0.156	0.005	0.011	0.030	0.016	0.535	0.007	0.023	0.002	12
Il'gawesi Maasai	Africa	Eastern Africa	0.005	0.166	0.005	0.020	0.002	0.165	0.007	0.007	0.028	0.017	0.558	0.007	0.010	0.002	21
Dorobo	Africa	Eastern Africa	0.003	0.154	0.004	0.017	0.004	0.160	0.005	0.008	0.078	0.012	0.531	0.009	0.012	0.003	10
Tugen	Africa	Eastern Africa	0.007	0.506	0.002	0.025	0.002	0.087	0.005	0.006	0.012	0.015	0.312	0.005	0.012	0.003	22
Samburu	Africa	Eastern Africa	0.003	0.160	0.002	0.031	0.005	0.090	0.005	0.004	0.017	0.023	0.625	0.006	0.027	0.002	18
Marakwet	Africa	Eastern Africa	0.003	0.567	0.001	0.008	0.003	0.053	0.003	0.008	0.018	0.009	0.312	0.007	0.006	0.002	14
Sengwer	Africa	Eastern Africa	0.002	0.531	0.002	0.019	0.003	0.069	0.008	0.004	0.014	0.008	0.323	0.007	0.009	0.002	21

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			Fulani	Saharan	Oceania	Chadic	Khoesan	Kordofanian	Asian	Hadza	Sandawe	Indian	Cushitic	Pygmy	European	American	
Okiek	Africa	Eastern Africa	0.005	0.280	0.001	0.007	0.003	0.105	0.006	0.006	0.034	0.011	0.522	0.005	0.012	0.002	22
Nandi	Africa	Eastern Africa	0.002	0.345	0.001	0.015	0.003	0.247	0.005	0.003	0.014	0.020	0.322	0.008	0.012	0.003	11
Sabaot	Africa	Eastern Africa	0.002	0.400	0.001	0.019	0.004	0.310	0.003	0.010	0.031	0.009	0.192	0.008	0.009	0.003	20
Turkana	Africa	Eastern Africa	0.002	0.361	0.001	0.090	0.007	0.220	0.004	0.006	0.029	0.012	0.245	0.010	0.008	0.002	26
Pokot	Africa	Eastern Africa	0.002	0.544	0.001	0.029	0.006	0.069	0.003	0.004	0.014	0.007	0.306	0.007	0.008	0.001	23
Maasai Ilchamus	Africa	Eastern Africa	0.003	0.296	0.002	0.013	0.004	0.119	0.009	0.005	0.020	0.022	0.477	0.006	0.019	0.005	27
Luo	Africa	Eastern Africa	0.002	0.129	0.003	0.022	0.013	0.680	0.004	0.005	0.066	0.011	0.047	0.012	0.004	0.002	28
Kenya Bantu	Africa	Eastern Africa	0.001	0.118	0.001	0.008	0.016	0.681	0.006	0.003	0.054	0.009	0.064	0.018	0.017	0.003	11
Kikuyu	Africa	Eastern Africa	0.003	0.078	0.001	0.010	0.011	0.433	0.006	0.003	0.062	0.011	0.356	0.010	0.010	0.005	22
Luhya	Africa	Eastern Africa	0.002	0.135	0.002	0.008	0.012	0.664	0.003	0.004	0.080	0.007	0.065	0.010	0.005	0.002	17
Burji	Africa	Eastern Africa	0.006	0.015	0.004	0.010	0.007	0.073	0.007	0.006	0.038	0.032	0.736	0.017	0.045	0.004	24
Konso	Africa	Eastern Africa	0.003	0.008	0.006	0.018	0.011	0.032	0.010	0.008	0.045	0.032	0.764	0.031	0.029	0.002	14
Beta Israel	Africa	Eastern Africa	0.003	0.023	0.001	0.028	0.013	0.030	0.007	0.003	0.012	0.030	0.565	0.007	0.274	0.003	17
Cape Mixed Ancestry	Africa	Southern Africa	0.006	0.005	0.006	0.005	0.247	0.190	0.081	0.003	0.014	0.197	0.031	0.012	0.192	0.010	39
San	Africa	Southern Africa	0.001	0.002	0.001	0.003	0.806	0.028	0.001	0.008	0.011	0.003	0.019	0.114	0.002	0.001	6
!Xun/Khoe	Africa	Southern Africa	0.001	0.007	0.001	0.003	0.689	0.181	0.001	0.003	0.007	0.003	0.007	0.091	0.003	0.001	8
Xhosa	Africa	Southern Africa	0.002	0.004	0.001	0.004	0.367	0.566	0.003	0.002	0.011	0.009	0.008	0.006	0.013	0.003	28
Venda	Africa	Southern Africa	0.002	0.002	0.002	0.006	0.173	0.771	0.003	0.001	0.006	0.012	0.005	0.010	0.005	0.002	13
South Bantu	Africa	Southern Africa	0.002	0.004	0.001	0.004	0.180	0.762	0.002	0.002	0.013	0.005	0.011	0.010	0.005	0.001	8
Chicago			0.028	0.004	0.002	0.012	0.007	0.702	0.012	0.002	0.012	0.036	0.022	0.006	0.149	0.005	15
Pittsburgh			0.006	0.006	0.002	0.015	0.008	0.700	0.009	0.003	0.018	0.045	0.019	0.008	0.155	0.006	21
Baltimore			0.007	0.009	0.003	0.010	0.004	0.735	0.014	0.004	0.018	0.049	0.019	0.012	0.112	0.005	44
North Carolina			0.003	0.004	0.002	0.011	0.004	0.685	0.017	0.004	0.027	0.056	0.016	0.011	0.154	0.005	18
Orcadian	Eurasia	Northern Europe	0.001	0.001	0.002	0.002	0.004	0.007	0.007	0.001	0.003	0.127	0.003	0.002	0.836	0.005	15
Adygei	Eurasia	Eastern Europe	0.001	0.001	0.002	0.002	0.001	0.007	0.034	0.001	0.003	0.244	0.005	0.001	0.692	0.004	17
Russian	Eurasia	Eastern Europe	0.001	0.002	0.002	0.002	0.002	0.007	0.069	0.002	0.003	0.174	0.004	0.002	0.717	0.013	25
Basque	Eurasia	Western Europe	0.001	0.001	0.002	0.002	0.001	0.007	0.011	0.003	0.004	0.048	0.004	0.002	0.907	0.005	24
French	Eurasia	Western Europe	0.001	0.002	0.003	0.002	0.001	0.007	0.016	0.002	0.005	0.101	0.004	0.002	0.848	0.007	28
Italian	Eurasia	Southern Europe	0.002	0.003	0.003	0.002	0.002	0.008	0.014	0.002	0.005	0.086	0.007	0.002	0.862	0.003	21
Sardinian	Eurasia	Southern Europe	0.003	0.004	0.002	0.002	0.002	0.008	0.008	0.002	0.004	0.035	0.006	0.002	0.919	0.003	28
Bedouin	Eurasia	Western Asia	0.003	0.007	0.003	0.014	0.003	0.032	0.008	0.003	0.015	0.047	0.106	0.002	0.754	0.003	46
Druze	Eurasia	Western Asia	0.001	0.004	0.002	0.004	0.001	0.015	0.007	0.002	0.006	0.103	0.019	0.002	0.831	0.002	42
Palestinian	Eurasia	Western Asia	0.006	0.004	0.003	0.013	0.003	0.027	0.012	0.002	0.012	0.094	0.061	0.004	0.757	0.003	46
Temani	Eurasia	Western Asia	0.003	0.002	0.001	0.005	0.003	0.014	0.008	0.003	0.007	0.056	0.120	0.002	0.774	0.002	21
Balochi	Eurasia	Southern Asia	0.002	0.003	0.001	0.003	0.001	0.021	0.008	0.002	0.006	0.503	0.008	0.003	0.435	0.004	24
Brahui	Eurasia	Southern Asia	0.001	0.002	0.001	0.003	0.003	0.024	0.008	0.001	0.004	0.476	0.007	0.002	0.462	0.005	25
Makrani	Eurasia	Southern Asia	0.001	0.003	0.003	0.004	0.006	0.038	0.013	0.003	0.013	0.465	0.014	0.006	0.430	0.003	25
Sindhi	Eurasia	Southern Asia	0.001	0.002	0.005	0.002	0.001	0.032	0.011	0.001	0.005	0.606	0.007	0.003	0.316	0.007	24
Pathan	Eurasia	Southern Asia	0.001	0.002	0.002	0.002	0.001	0.007	0.030	0.001	0.005	0.582	0.006	0.003	0.351	0.007	24
Burusho	Eurasia	Southern Asia	0.001	0.002	0.009	0.002	0.002	0.006	0.098	0.002	0.004	0.555	0.004	0.002	0.300	0.013	25
Hazara	Eurasia	Southern Asia	0.001	0.002	0.003	0.001	0.001	0.006	0.427	0.001	0.004	0.227	0.005	0.002	0.307	0.013	22
Uygur	Eurasia	Eastern Asia	0.001	0.001	0.002	0.001	0.001	0.007	0.454	0.002	0.003	0.235	0.003	0.001	0.280	0.010	10
Kalash	Eurasia	Southern Asia	0.001	0.001	0.001	0.002	0.001	0.004	0.006	0.001	0.002	0.567	0.002	0.001	0.398	0.012	23
Parsi	Eurasia	Southern Asia	0.001	0.002	0.001	0.003	0.001	0.009	0.003	0.001	0.004	0.490	0.006	0.002	0.476	0.002	25
Kashmiri	Eurasia	Southern Asia	0.001	0.002	0.003	0.002	0.002	0.008	0.015	0.002	0.005	0.724	0.006	0.002	0.226	0.003	25
Punjabi	Eurasia	Southern Asia	0.001	0.001	0.002	0.002	0.001	0.007	0.009	0.001	0.004	0.753	0.004	0.002	0.209	0.004	28
Hindi	Eurasia	Southern Asia	0.001	0.002	0.004	0.003	0.002	0.009	0.011	0.002	0.005	0.853	0.006	0.002	0.095	0.006	28
Marwari	Eurasia	Southern Asia	0.001	0.001	0.003	0.003	0.001	0.007	0.009	0.001	0.004	0.929	0.006	0.002	0.030	0.003	25
Gujarat	Eurasia	Southern Asia	0.001	0.002	0.002	0.002	0.001	0.007	0.011	0.002	0.003	0.929	0.005	0.002	0.032	0.002	50
Marathi	Eurasia	Southern Asia	0.001	0.002	0.003	0.002	0.001	0.007	0.008	0.001	0.004	0.867	0.006	0.003	0.092	0.004	26
Kannada	Eurasia	Southern Asia	0.001	0.002	0.003	0.003	0.001	0.008	0.026	0.003	0.005	0.874	0.006	0.002	0.061	0.005	24

Table S8. Proportion of AACs from the Global Unsupervised Structure Run at K=14

Populations	Continent	Subregion	Nilo				S.African	Niger	East	W.				Native		n	
			Fulani	Saharan	Oceania	Chadic	Khoesan	Kordofanian	Asian	Hadza	Sandawe	Indian	Cushitic	Pygmy	European		American
Konkani	Eurasia	Southern Asia	0.001	0.002	0.001	0.002	0.001	0.006	0.011	0.001	0.004	0.866	0.005	0.002	0.096	0.002	42
Malayalam	Eurasia	Southern Asia	0.001	0.002	0.002	0.002	0.002	0.010	0.020	0.002	0.005	0.901	0.006	0.002	0.041	0.004	25
Tamil	Eurasia	Southern Asia	0.001	0.002	0.004	0.002	0.002	0.008	0.015	0.001	0.005	0.855	0.006	0.002	0.095	0.003	29
Telugu	Eurasia	Southern Asia	0.001	0.002	0.002	0.002	0.002	0.008	0.019	0.001	0.004	0.903	0.005	0.002	0.044	0.004	27
Oriya	Eurasia	Southern Asia	0.001	0.002	0.004	0.002	0.003	0.008	0.049	0.002	0.005	0.861	0.005	0.003	0.050	0.006	26
Bengali	Eurasia	Southern Asia	0.001	0.002	0.005	0.002	0.002	0.009	0.063	0.001	0.006	0.834	0.007	0.001	0.062	0.005	27
Assamese	Eurasia	Southern Asia	0.001	0.003	0.002	0.003	0.002	0.010	0.139	0.001	0.005	0.772	0.006	0.002	0.049	0.004	25
Han	Eurasia	Eastern Asia	0.001	0.002	0.003	0.002	0.001	0.007	0.934	0.001	0.004	0.022	0.005	0.002	0.009	0.007	44
Dai	Eurasia	Eastern Asia	0.001	0.001	0.002	0.002	0.001	0.009	0.923	0.003	0.003	0.034	0.004	0.002	0.009	0.004	10
Daur	Eurasia	Eastern Asia	0.001	0.001	0.003	0.001	0.001	0.005	0.896	0.001	0.003	0.045	0.003	0.002	0.022	0.016	10
Hezhen	Eurasia	Eastern Asia	0.000	0.001	0.002	0.001	0.001	0.005	0.901	0.001	0.002	0.049	0.002	0.001	0.013	0.022	9
Lahu	Eurasia	Eastern Asia	0.001	0.002	0.001	0.002	0.001	0.007	0.920	0.001	0.006	0.032	0.006	0.002	0.017	0.003	8
Miao	Eurasia	Eastern Asia	0.001	0.001	0.007	0.001	0.001	0.004	0.947	0.002	0.002	0.021	0.003	0.002	0.006	0.003	10
Oroqen	Eurasia	Eastern Asia	0.001	0.002	0.003	0.002	0.001	0.005	0.893	0.002	0.007	0.030	0.005	0.001	0.022	0.027	9
She	Eurasia	Eastern Asia	0.001	0.001	0.001	0.001	0.001	0.005	0.963	0.001	0.002	0.011	0.004	0.001	0.005	0.003	10
Tujia	Eurasia	Eastern Asia	0.001	0.001	0.001	0.002	0.002	0.006	0.942	0.001	0.003	0.017	0.004	0.002	0.009	0.008	10
Tu	Eurasia	Eastern Asia	0.002	0.002	0.001	0.003	0.002	0.007	0.866	0.002	0.004	0.068	0.004	0.002	0.026	0.010	10
Xibo	Eurasia	Eastern Asia	0.001	0.001	0.003	0.002	0.002	0.005	0.853	0.001	0.004	0.057	0.004	0.001	0.048	0.019	9
Yi	Eurasia	Eastern Asia	0.001	0.002	0.005	0.001	0.002	0.007	0.910	0.002	0.005	0.044	0.004	0.002	0.009	0.005	10
Mongola	Eurasia	Eastern Asia	0.001	0.002	0.002	0.002	0.001	0.008	0.849	0.001	0.008	0.062	0.004	0.003	0.040	0.019	10
Naxi	Eurasia	Eastern Asia	0.001	0.002	0.003	0.002	0.002	0.008	0.907	0.002	0.004	0.040	0.004	0.002	0.019	0.005	9
Cambodian	Eurasia	Southeastern Asia	0.002	0.002	0.017	0.002	0.004	0.011	0.820	0.001	0.004	0.089	0.014	0.002	0.025	0.007	10
Japanese	Eurasia	Eastern Asia	0.001	0.002	0.002	0.003	0.002	0.007	0.933	0.002	0.004	0.020	0.004	0.002	0.007	0.010	29
Yakut	Eurasia	Eastern Asia	0.001	0.001	0.001	0.002	0.001	0.006	0.798	0.001	0.003	0.036	0.003	0.002	0.123	0.023	25
Melanesian	Oceania	Melanesia	0.001	0.001	0.621	0.001	0.001	0.005	0.339	0.001	0.002	0.017	0.002	0.001	0.005	0.003	11
Papuan	Oceania	Melanesia	0.001	0.001	0.854	0.001	0.001	0.003	0.099	0.001	0.002	0.028	0.002	0.001	0.003	0.003	17
Australian	Oceania	Australia	0.001	0.002	0.440	0.002	0.001	0.005	0.142	0.001	0.005	0.234	0.004	0.001	0.161	0.001	10
Karitiana	America	South America	0.000	0.000	0.000	0.000	0.000	0.002	0.010	0.000	0.001	0.006	0.001	0.000	0.001	0.978	14
Surui	America	South America	0.000	0.000	0.000	0.000	0.000	0.001	0.008	0.000	0.001	0.005	0.001	0.000	0.001	0.981	8
Colombian	America	South America	0.000	0.001	0.001	0.001	0.001	0.004	0.143	0.001	0.001	0.036	0.002	0.002	0.013	0.794	7
Maya	America	Central America	0.001	0.001	0.005	0.002	0.001	0.011	0.177	0.001	0.003	0.025	0.006	0.002	0.100	0.665	21
Pima	America	Central America	0.000	0.001	0.001	0.001	0.000	0.003	0.170	0.001	0.001	0.012	0.002	0.001	0.010	0.799	14

0.627 0.567 0.854 0.477 0.806 0.935 0.963 0.671 0.688 0.929 0.788 0.646 0.919 0.981

Maximum