

附表7 机器学习算法判断结果

Ancestrees方法						Fordisc方法								
个体编号	ancestralForest算法		tournamentForest算法		使用的测量项目数量	用FDB数据库对比			用Howells数据库对比					
	种群	概率	种群	概率					使用全部对比组		只选用欧洲和亚洲对比组		使用的测量项目数量	
						种群	概率	使用的测量项目数量	种群	概率	种群	概率		
BM13-1	Northern Asia & Arctic	31.74%	East Asia	56.53%	19	AM	67.80%	19	ANYM	0.25	ANYM	40.20%	24	
	North America	22.46%	Polynesia	43.46%		BM	11.00%		MORM	0.20	SJAM	22.50%		
	Polynesia	17.29%				CHM	9.80%		ARIM	0.14	NJAM	17.30%		
BM41	Northern Asia & Arctic	39.84%	East Asia	62.89%	9	JM	25.90%	7	ESKM	0.30	NJAM	29.80%	10	
	Polynesia	19.53%	Northern Asia & Arctic	37.11%		WM	16.60%		NJAM	0.15	SJAM	20.30%		
	Southeast Asia	12.70%				HM	16.40%		SJAM	0.10	ZALM	15.10%		
M10-2	Northern Asia & Arctic	36.04%	Polynesia	53.91%	5	BM	52.30%	4	ESKM	0.36	NORM	46.90%	5	
	North America	12.40%	Southwestern	46.09%		WM	16.90%		EASM	0.23	ZALM	13.00%		
	Northern & Central Europe	11.82%				AM	11.80%		NORM	0.10	SJAM	10.20%		
M11-2	Northern Asia & Arctic	33.69%	East Asia	100.00%	21	AM	70.40%	21	MOKM	0.86	ANYM	50.50%	26	
	Southeast Asia	25.29%	Polynesia	0.00%		JM	15.20%			GUAM	0.07	NJAM		29.70%
	Polynesia	22.56%				CHM	6.90%			MORM	0.05	PHIM		9.20%
M14	Northern Asia & Arctic	77.25%	Northern Asia &	99.61%	21	AM	34.30%	20	ARIM	0.63	HAIM	30.70%	25	
	North America	8.89%	North America	0.39%		JM	20.90%			GUAM	0.23	ZALM		26.70%
	Southeast Asia	4.00%				CHM	19.80%			PERM	0.05	ANYM		13.10%
M24	Polynesia	37.60%	Polynesia	97.66%	21	JM	47.90%	20	EASM	0.65	ANYM	76.10%	25	
	Southeast Asia	32.32%	East Asia	2.44%		CHM	41.00%			ANYM	0.16	SJAM		13.70%
	North America	9.08%				VM	5.40%			MOKM	0.08	HAIM		3.80%
M27-2	Polynesia	17.09%	Polynesia	92.19%	12	JM	70.30%	13	MORM	0.95	SJAM	69.80%	15	
	Northern Asia & Arctic	14.55%	East Asia	7.81%		CHM	19.90%			MOKM	0.03	NJAM		26.50%
	East Asia	11.82%				BM	3.20%			SJAM	0.01	ANYM		1.60%
M31	Polynesia	27.83%	Southeast Asia	99.22%	20	VM	56.20%	19	ANYM	0.78	ANYM	90.10%	24	
	Southeast Asia	27.83%	Polynesia	0.78%		CHM	34.20%			ARIM	0.07	HAIM		4.10%
	North America	12.40%				JM	6.30%			HAIM	0.04	ATAM		2.20%
M35	Northern Asia & Arctic	30.57%	Polynesia	64.45%	21	HM	36.90%	21	EGYM	0.35	ZALM	31.20%	26	

	North America	24.71%	East Asia	35.55%		JM	25.10%		MORM	0.30	SJAM	26.70%	
	Polynesia	14.16%				CHM	20.40%		SJAM	0.09	NORM	16.20%	
M39	Northern Asia & Arctic	23.83%	Northern & Central	54.69%	5	GTM	41.50%	5	ATAM	0.16	ATAM	35.60%	5
	South America	21.48%	South America	45.31%		HM	22.90%		ANYM	0.14	ANYM	30.10%	
	North America	19.34%				JM	12.90%		ESKM	0.14	HAIM	18.30%	
M40-1	Southeast Asia	32.71%	East Asia	72.66%	21	AM	41.90%	21	PHIM	0.33	PHIM	46.90%	26
	Polynesia	31.35%	Southeast Asia	27.34%		CHM	26.10%		NJAM	0.14	ANYM	25.20%	
	North America	11.13%				JM	14.20%		ANYM	0.14	NJAM	17.70%	
M40-2	Polynesia	33.89%	Polynesia	98.05%	19	AM	44.70%	19	GUAM	0.88	PHIM	40.20%	24
	Southeast Asia	30.47%	Southeast Asia	1.95%		CHM	29.40%		MOKM	0.03	ANYM	30.30%	
	Northern Asia & Arctic	14.36%				JM	20.50%		ANYM	0.02	NJAM	14.10%	
M45	Northeast Africa	19.34%	East Asia	72.27%	5	BM	45.00%	5	EASM	0.31	ANYM	32.30%	5
	Polynesia	12.30%	Sub-Saharan Africa	27.73%		WM	20.60%		ESKM	0.14	SJAM	23.20%	
	Southwestern Europe	11.91%				CHM	15.70%		ZULM	0.11	AINM	16.80%	
M46	Northern Asia & Arctic	39.84%	Northern Asia &	98.44%	7	AM	89.70%	6	ARIM	0.68	BURM	18.30%	6
	North America	21.19%	North America	1.56%		GTM	4.40%		MORM	0.17	BERM	14.90%	
	South America	12.70%				HM	2.50%		PERM	0.02	NORM	14.60%	
M8-2	Northern Asia & Arctic	45.21%	East Asia	99.61%	20	AM	83.90%	20	ANYM	0.57	ANYM	63.50%	25
	Polynesia	20.31%	Northern Asia &	0.39%		JM	8.50%		ARIM	0.14	NJAM	31.40%	
	North America	11.82%				CHM	4.40%		NJAM	0.13	HAIM	3.40%	
佚号3	Northern Asia & Arctic	70.21%	Northern Asia &	100.00%	21	AM	96.90%	21	ARIM	0.65	BURM	39.40%	26
	North America	10.84%	East Asia	0.00%		HM	2.10%		SANM	0.22	NORM	28.00%	
	Polynesia	7.13%				JM	0.70%		BURM	0.07	ZALM	15.80%	
佚号6	North America	27.93%	North America	72.66%	7	AM	90.30%	6	ARIM	0.80	ATAM	31.00%	7
	Northern Asia & Arctic	27.15%	East Asia	27.34%		GTM	4.40%		GUAM	0.07	ANYM	19.20%	
	South America	16.50%				HM	2.00%		MORM	0.02	SJAM	15.70%	
佚号5	Southeast Asia	26.76%	East Asia	100.00%	21	CHM	68.20%	21	HAIM	0.73	HAIM	65.00%	25
	Polynesia	24.12%	Southeast Asia	0.00%		JM	29.80%		PHIM	0.23	PHIM	29.20%	
	Australia & Melanesia	22.56%				VM	1.30%		ATAM	0.02	ATAM	3.90%	