Table S3. Association of clinical variables and mtDNA haplogroups J and K with Cooper test 1 distance in the best performing quartile of conscripts.

Source	Type III Sum of Squares	df	Mean Square	F	p-value*
Corrected Model	.013[a]	8	0.002	4.100	1.7×10^{-4}
Intercept	0.657	1	0.657	1666.212	2.1×10^{-90}
Haplogroups JK vs non-JK	$3.7 \times 10\text{-}6$	1	3.7×10^{-6}	0.009	0.92
Body mass index (kg/m^2)	$3.4 \times 10\text{-}5$	1	3.4×10^{-5}	0.086	0.77
Log body fat (%)	2.8×10^{-4}	1	2.8×10^{-4}	0.702	0.40
Log visceral fat area (cm^2)	.009	1	0.009	23.813	2.0×10^{-6}
Log fat-free body mass (kg)	.001	1	0.001	2.282	0.13
Log systolic blood pressure (mmHg)	.001	1	0.001	1.511	0.22
Log fasting plasma glucose (mmol/l)	7.5×10^{-6}	1	7.5×10^{-6}	0.019	0.89
Log total plasma cholesterol (mmol/l)	1.4×10^{-4}	1	1.4×10^{-4}	0.360	0.55
Error	.068	172	3.9×10^{-4}		
Total	2194.884	181			
Corrected Total	.081	180			

*Univariate GLM analysis; [a]R Squared = .160 (Adjusted R Squared =.121); dependent variable, Logarithm of the Cooper test results.