



Parameter	Value	Reason
$N_{\text{Ancestral}}$	10,500	Average N_A from Cox <i>et al.</i> (2008)
N_{Asian}	2,050	Average N_e for Han Chinese from Cox <i>et al.</i> (2008)
$N_{\text{Melanesian}}$	800	Average N_e for Melanesians from Cox <i>et al.</i> (2008)
N_{Admixed}	1,425	Average of N_{Asian} and $N_{\text{Melanesian}}$
$T_{\text{Admixture}}$	160 gen	~4,000 years ago; starting value, varied in simulations
$T_{\text{Ancestral}}$	2,000 gen	~50,000 years ago from Cox <i>et al.</i> (2008)
$P_{\text{Admixture}}$	0.5	Starting value; varied in simulations between (0,1)

Figure S1 Demographic model and parameters.