		AUC	
simulation scenario ($n = 40,000$)		$\alpha_1 = \alpha_2 = 0$	$\alpha_1 = 0, \alpha_2 = 1$
$w_1 = w_2 = 0.5, m_1 = m_2 = 1000, h_1^2 = 10\%, h_2^2 = 10\%$		0.6	0.63
$w_1 = w_2 = 0.5, m_1 = m_2 = 1000, h_1^2 = 20\%, h_2^2 = 20\%$		0.64	0.67

S4 Table: Simulation results: effect of difference between baseline tissue-specific means of the phenotype (α_1, α_2) on the classification accuracy of eGST.