simulation scenario ($n = 40,000$)	AUC	
	$\mathrm{E}(\beta_{1j}) = \mathrm{E}(\beta_{2j}) = 0$	$\mathrm{E}(\beta_{1j}) = -0.2, \mathrm{E}(\beta_{2j}) = 0.2$
$w_1 = w_2 = 0.5, m_1 = m_2 = 1000, h_1^2 = 10\%, h_2^2 = 10\%$	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	0.68

S5 Table: Simulation results: effect of difference between the mean of tissue-specific genetic effect size distribution on the classification accuracy of eGST. Here $j = 1, \ldots, m_1$ for β_1 (tissue 1) and $j = 1, \ldots, m_2$ for β_2 (tissue 2).