Parameter Name	Parameter Descritption	Parameter Value
α	Learning Rate	0.001
β	Regularization Control	0.02
$N_{EP}$	Number of Epochs	5000
U	Number of Samples	604
V	Number of SNPs	1980
F	Number of Features	400
$eta_1$	eta for Trait 1	0.2
$eta_2$	eta for Trait 2	0.2
$K_1$	K for Trait 1	3
$K_2$	K for Trait 2	4
[a,b]	Boundary values for $P$ and $Q$	[0,1]