Candidate variants (MAF filter)	
Kinship (leave-one-out)	LD
SNP pruning by LD	Prior by LD
Random term estimation; initial values settings	
MLE without prior effects	
Peak detection (LRT)	
MCMC (prior effect)	MLE (prior effect)
Pos-distribution of effectWAIC, SE, P-value	Point effect, SE, P-value LRT, P-value
Significant variants and there surrounding in LD	
Candidate causal variants	