Prior probability for non-causal  $\mathcal{N}\!\!\left(v_i|0,\!\sigma_{ ext{bg}}^2\right)$ 

Prior probability for causal  $\mathcal{N}(v_i|0,\sigma_i^2)$ 

Likelihood  $L(v_0,v_i)$ 

Effect size  $(v_i)$