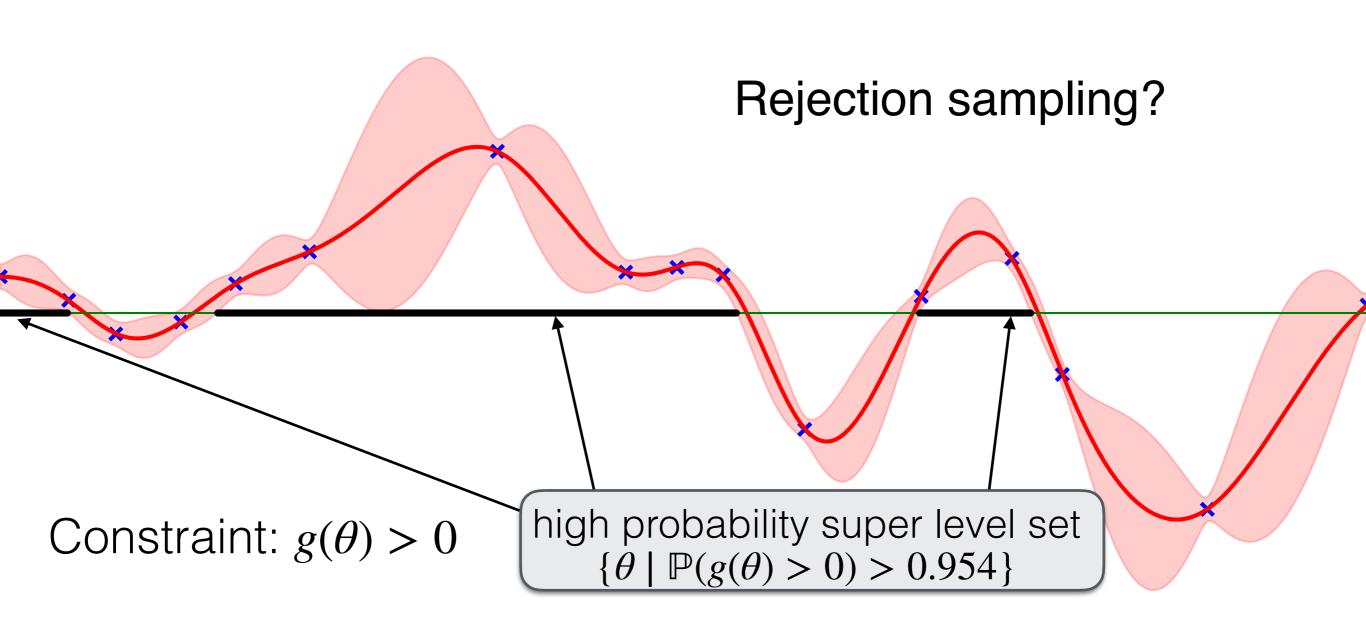
## Sampling from the super level set

- mean function  $\mu(\theta)$  confidence interval  $\mu(\theta) \pm 2\sigma(\theta)$
- $\mathbf{x}$  observation  $(\theta_i, g(\theta_i))$   $g(\theta) = 0$



## Adaptive sampling from the high-probability super level set

