

Step 1

Model of the
quantity g

v ↓

Step 2

Model order
reduction

Step 3

Likelihood
function

Step 4

Prior
distribution

Step 5

Posterior
distribution

↓

$p(u|H)$

Prior knowledge

μ_g

z, σ_g^2

u_g

$h, \hat{h}(H)$

u

σ_ϵ^2

$p(H|u)$