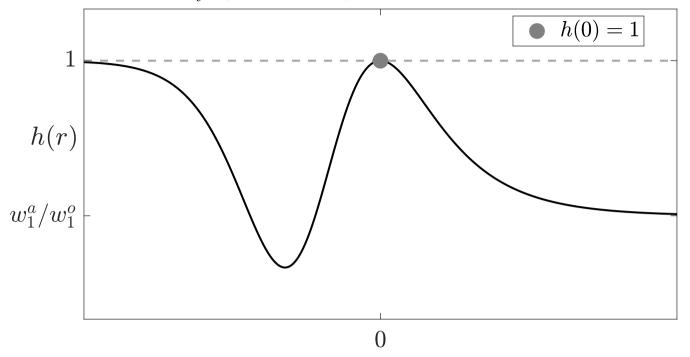
$$\mu_{\Delta} = 0, \ \sigma_a^2 < \sigma_o^2 (\iff w_1^a < w_1^o):$$
  $\tilde{R}_t^o$  systematicly under-estimates  $R_t$ 



 $\mu_{\Delta} = 0, \ \sigma_a^2 > \sigma_o^2 (\iff w_1^a > w_1^o)$ :  $\tilde{R}_t^o$  systematicly over-estimates  $R_t$ 

