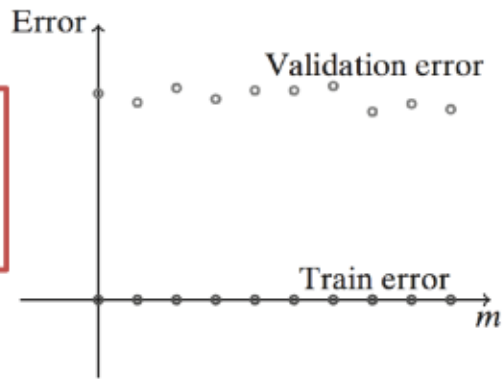


$\Rightarrow \mathcal{H}$ may have a good approximation error but maybe we do not have enough data

$L_D(h^*) ?$
 estimate approximation error
 by comparing the 2 curves



\Rightarrow There is no evidence that the approximation error of \mathcal{H} is good