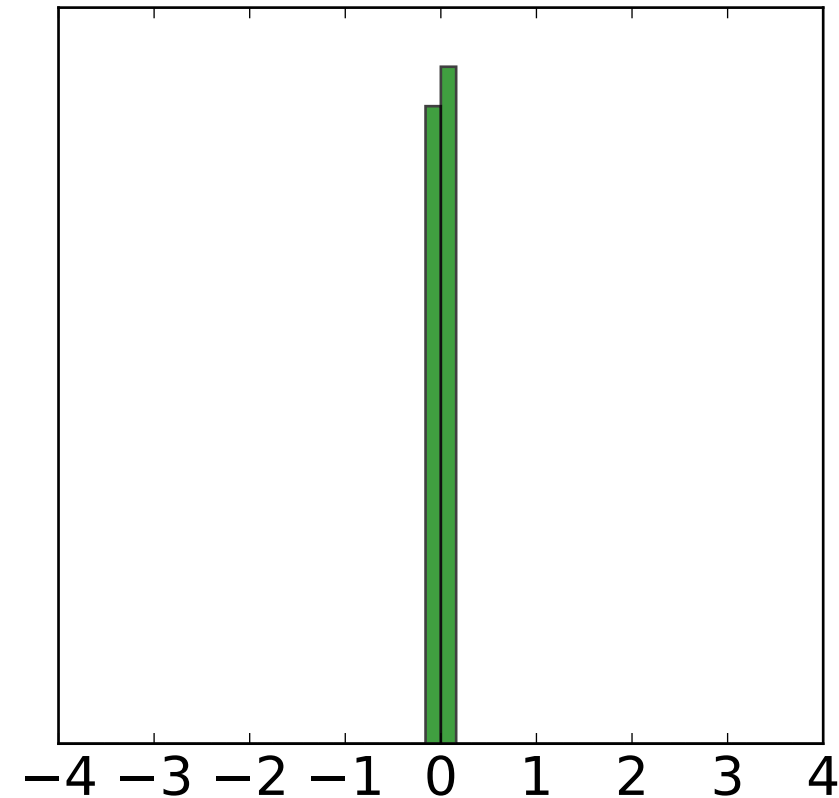
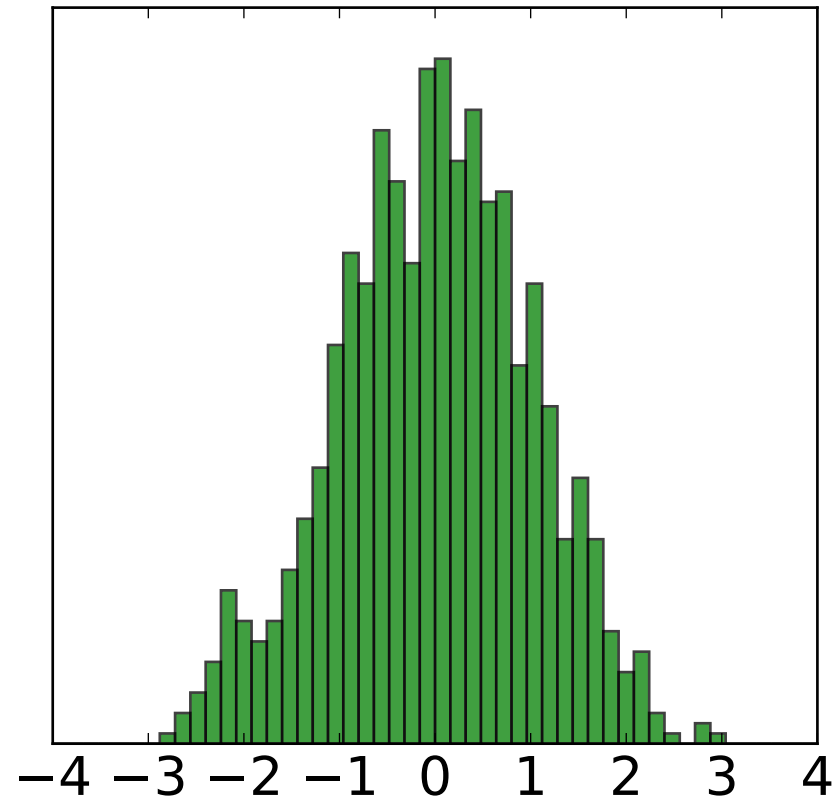
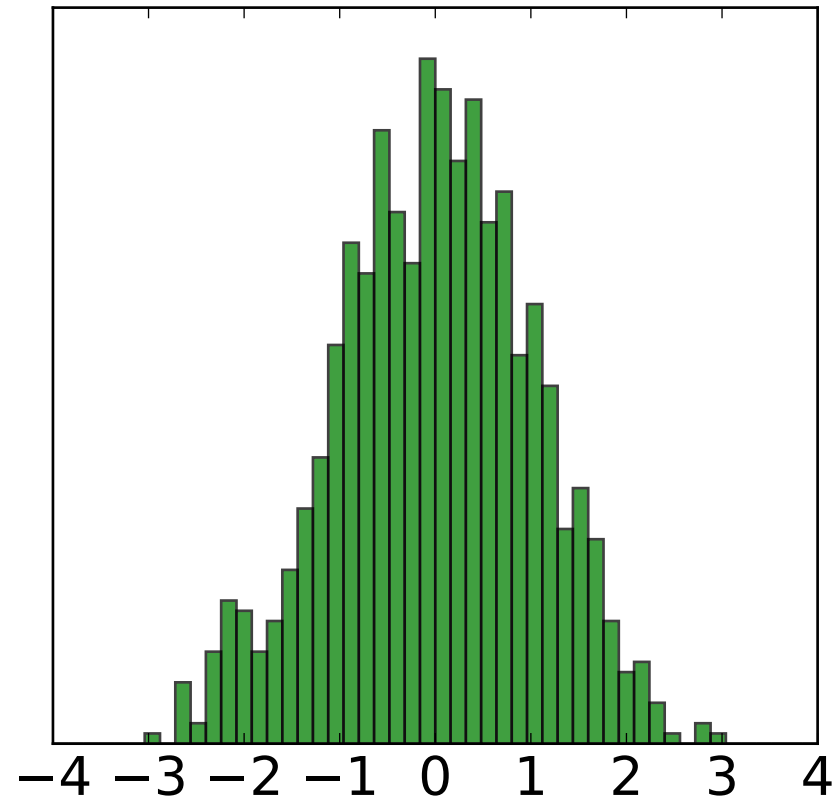


\hat{g}_{LAX} 

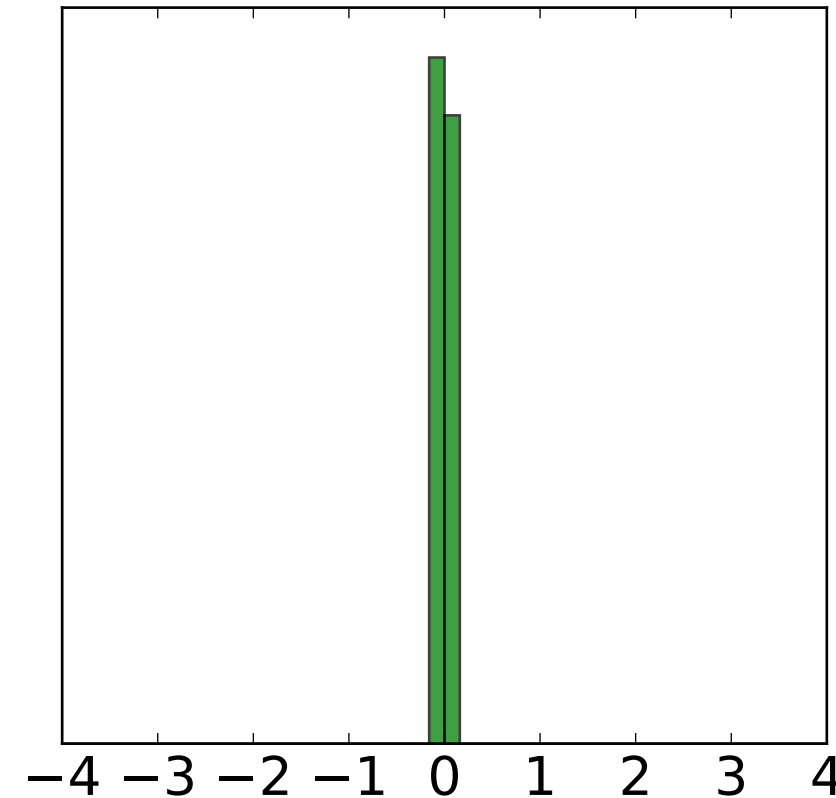
unbiased
low variance

 $=$ $\hat{g}_{REINFORCE}[f]$ 

unbiased
high variance

 $+$ $\hat{g}_{REINFORCE}[c_\phi]$ 

biased
high variance

 $-$ $\hat{g}_{reparam}[c_\phi]$ 

biased
low variance