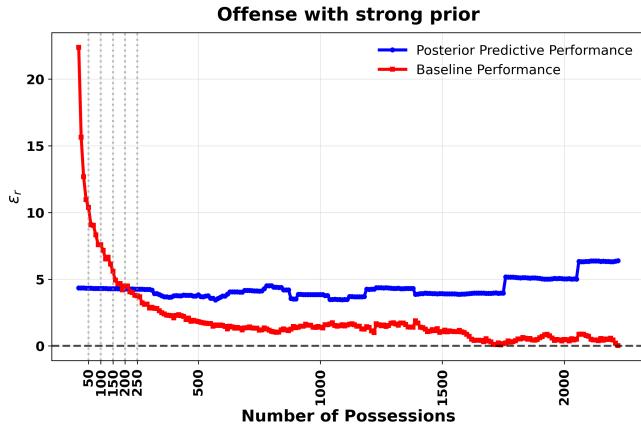
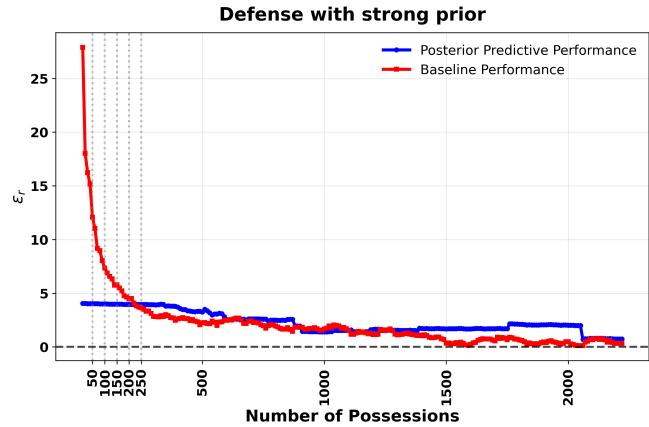


1 Supplementary Information

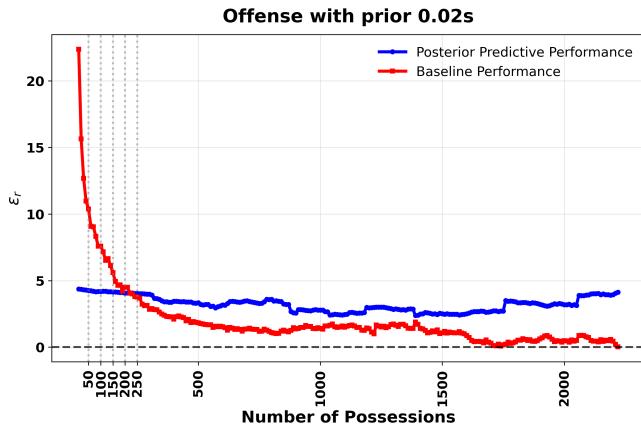
The following figures present our results for the relative absolute error ε_r for all the different strengths of the prior examined.



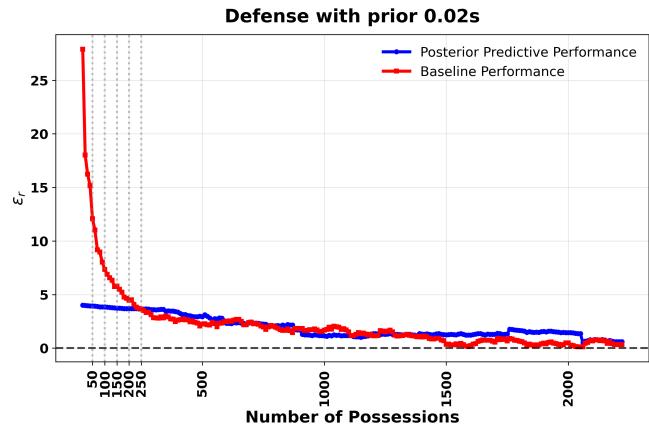
(a) Offense ($X = 0.01$)



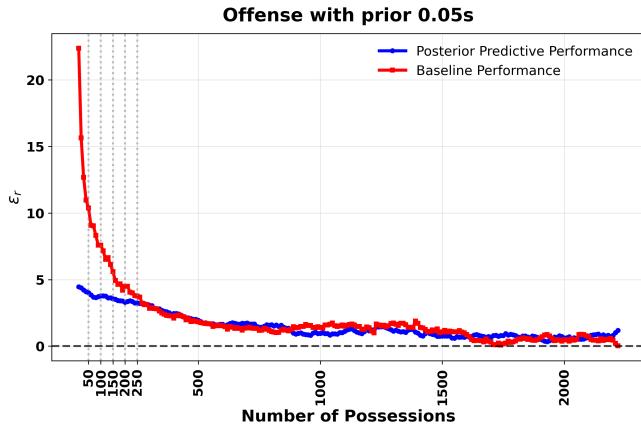
(b) Defense ($X = 0.01$)



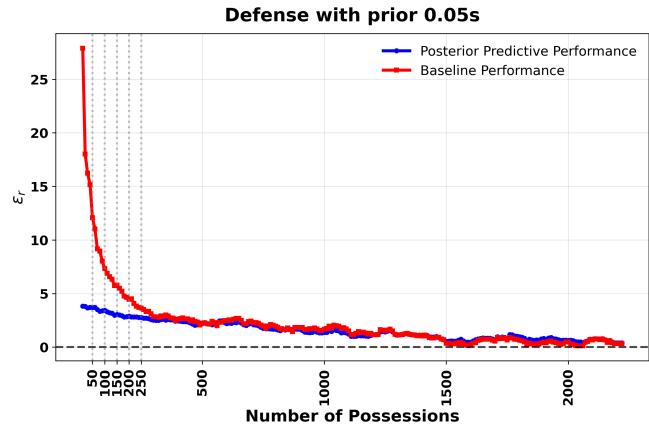
(c) Offense ($X = 0.02$)



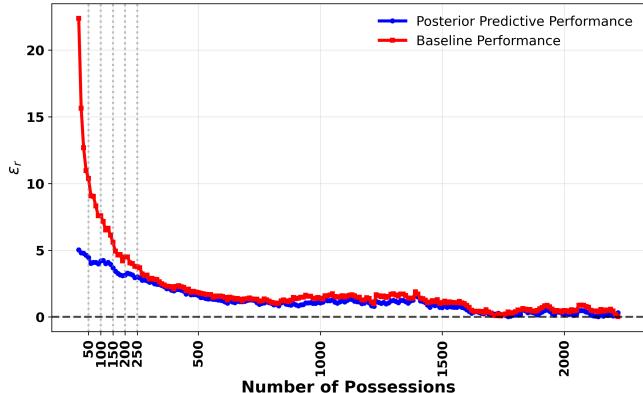
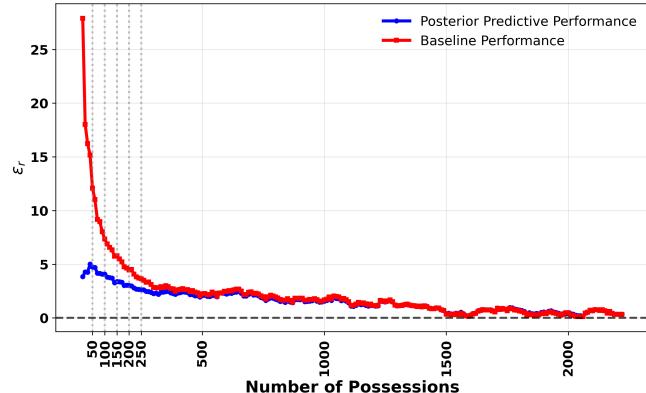
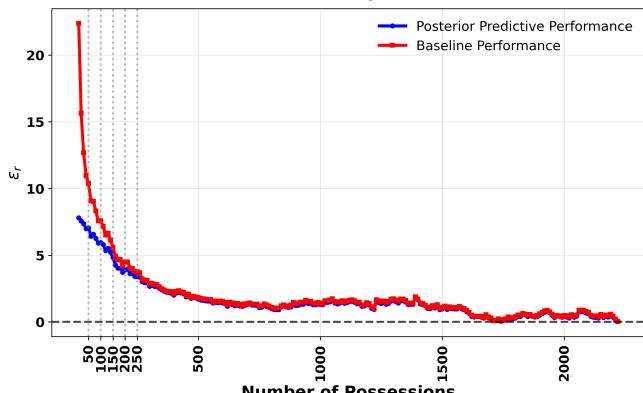
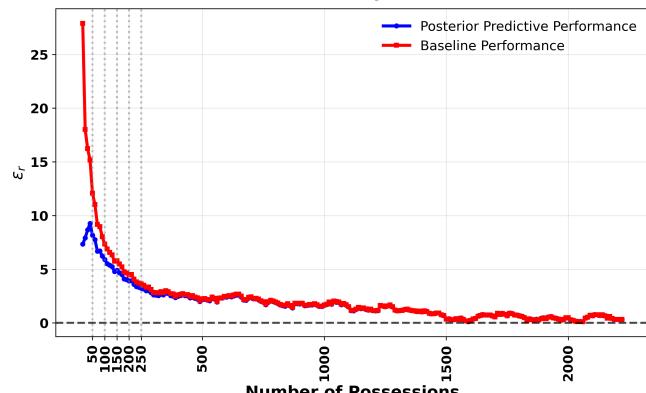
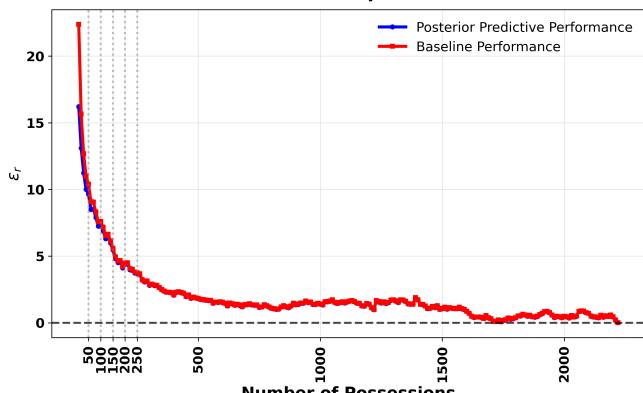
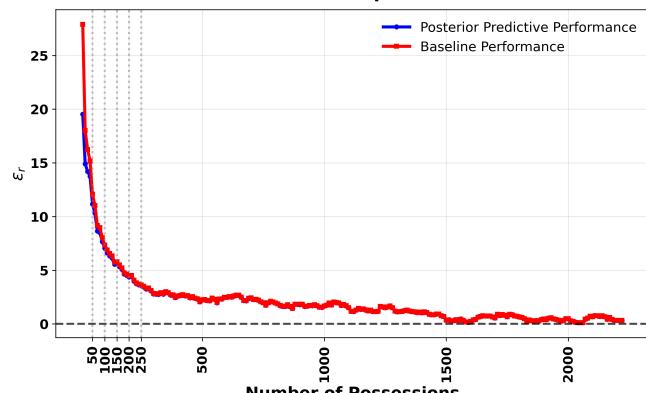
(d) Defense ($X = 0.02$)

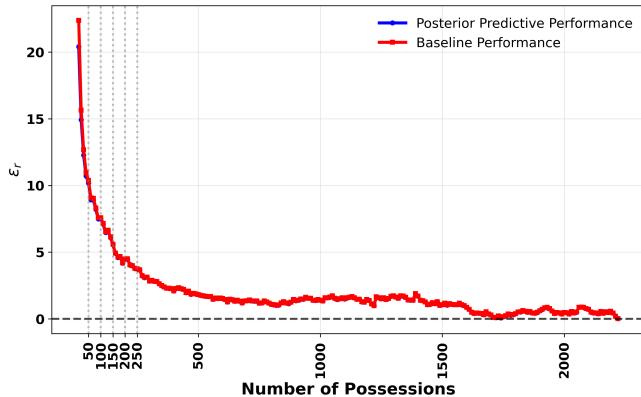
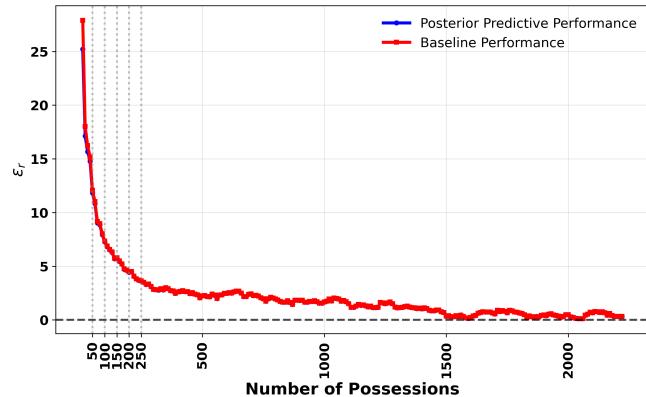
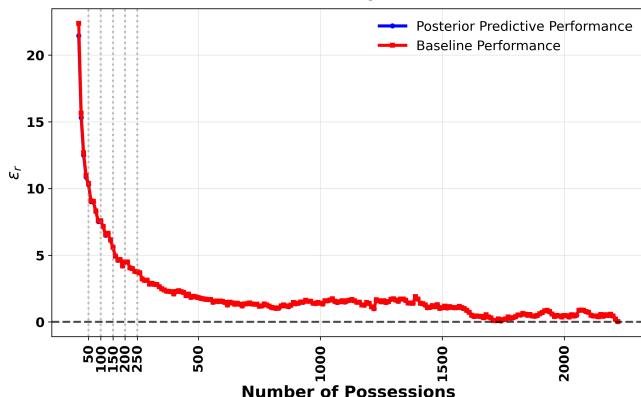
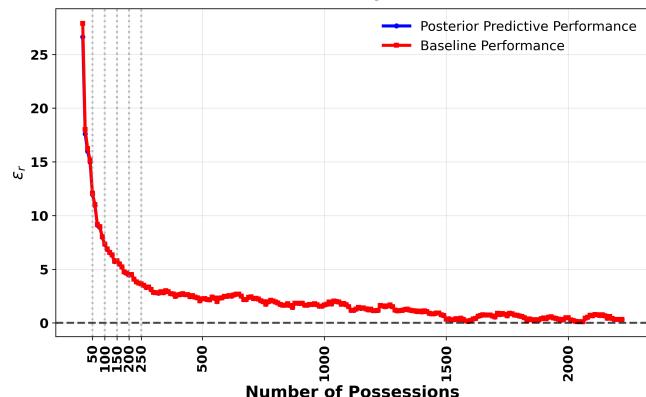
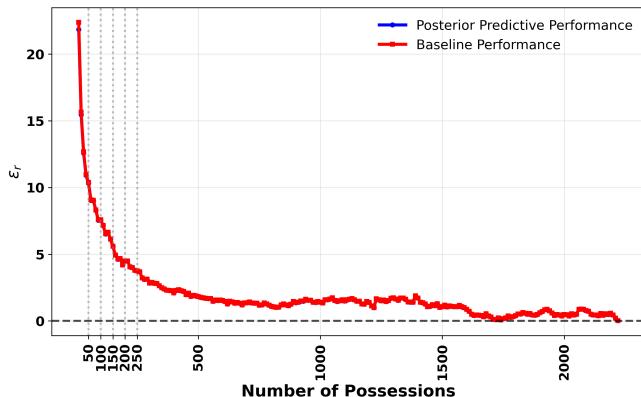
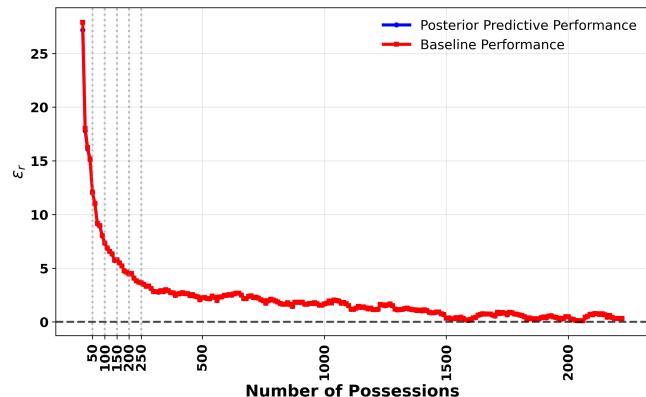


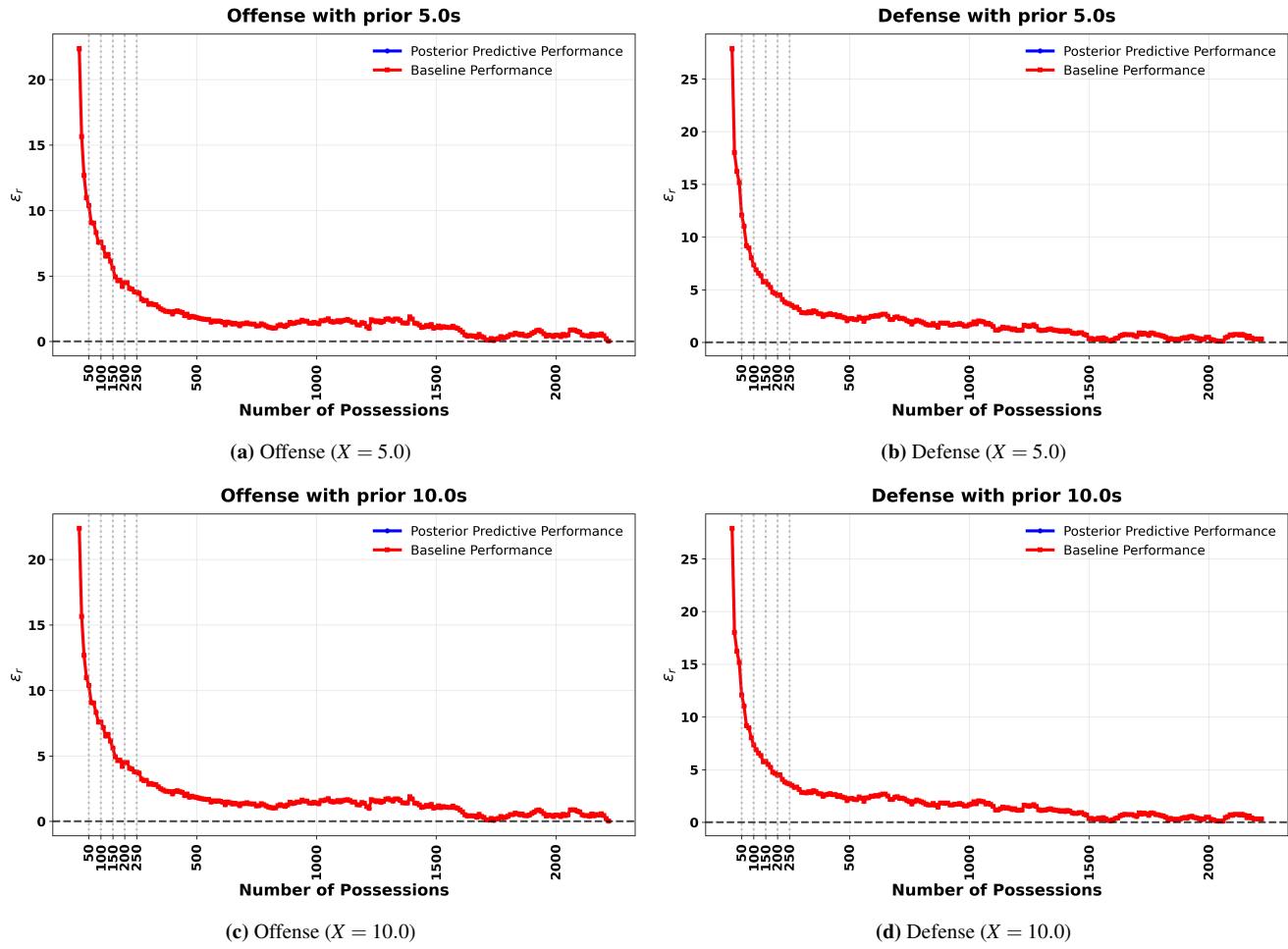
(e) Offense ($X = 0.05$)



(f) Defense ($X = 0.05$)

Offense with informative prior(a) Offense ($X = 0.1$)**Defense with informative prior**(b) Defense ($X = 0.1$)**Offense with prior 0.2s**(c) Offense ($X = 0.2$)**Defense with prior 0.2s**(d) Defense ($X = 0.2$)**Offense with prior 0.5s**(e) Offense ($X = 0.5$)**Defense with prior 0.5s**(f) Defense ($X = 0.5$)

Offense with prior 1.0s(a) Offense ($X = 1.0$)**Defense with prior 1.0s**(b) Defense ($X = 1.0$)**Offense with prior 1.5s**(c) Offense ($X = 1.5$)**Defense with prior 1.5s**(d) Defense ($X = 1.5$)**Offense with diffuse prior**(e) Offense ($X = 2.0$)**Defense with diffuse prior**(f) Defense ($X = 2.0$)



Absolute relative error for different strengths of prior. Each row corresponds to a single value of the prior's standard deviation, with the results for the performance on predicting the offense shown on the left and that for defense on the right.