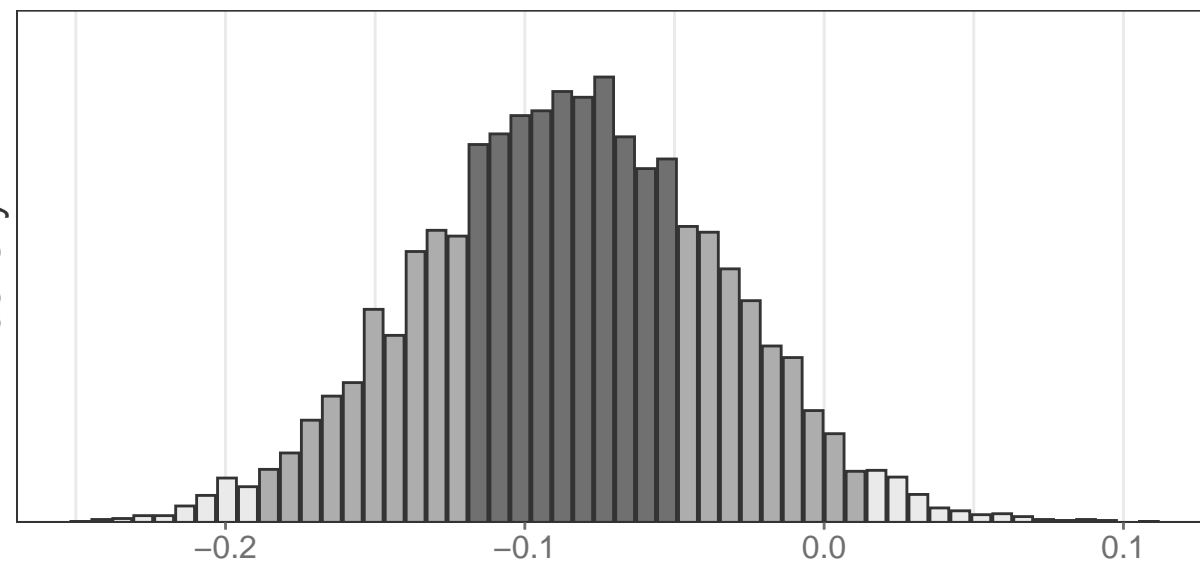
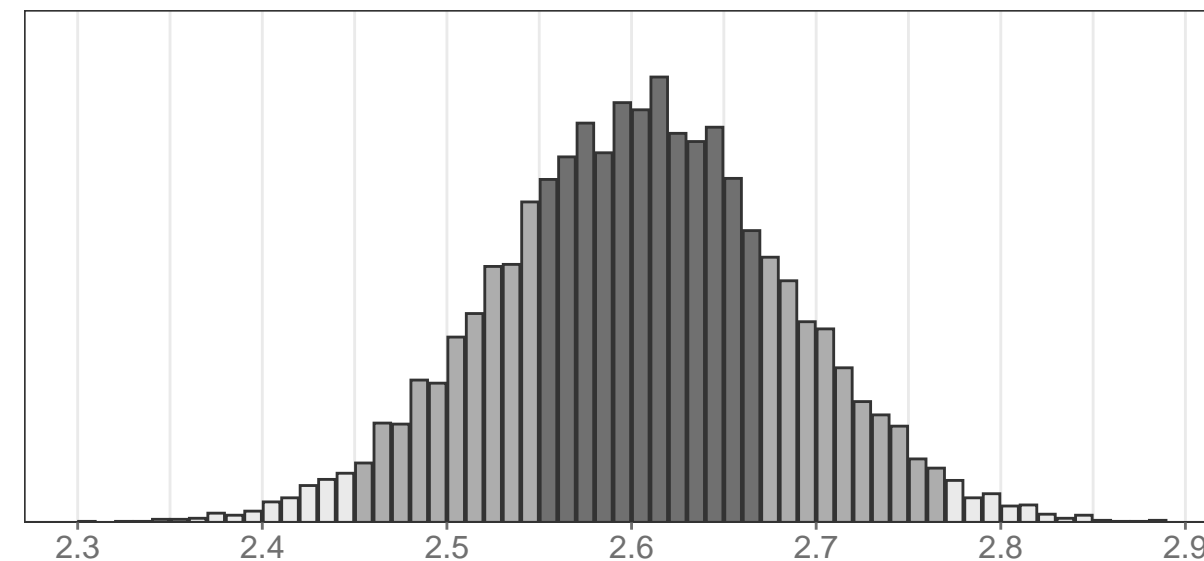


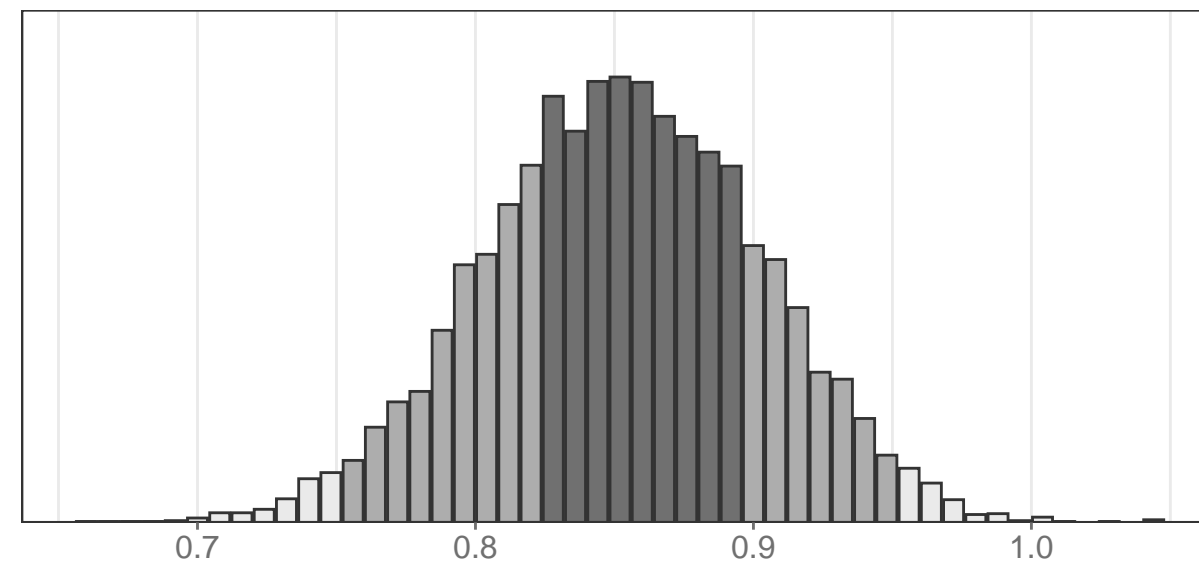
density



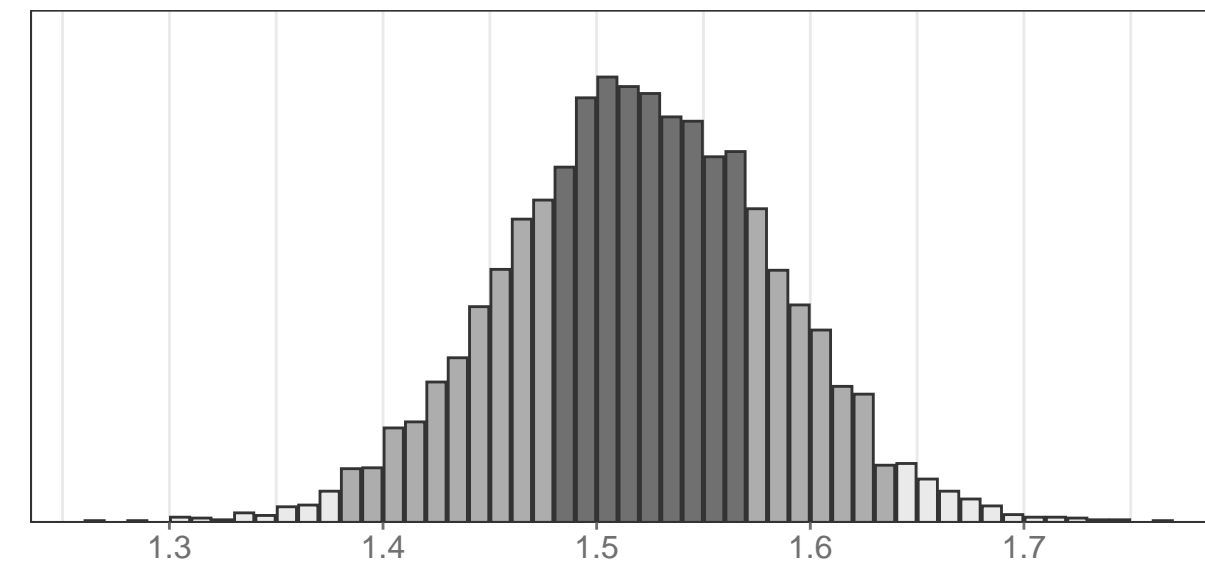
logit(seq. success):  
intercept ( $\alpha_0$ )



logit(seq. success):  
bait capture coeff. ( $\alpha^{\text{bait}}$ )

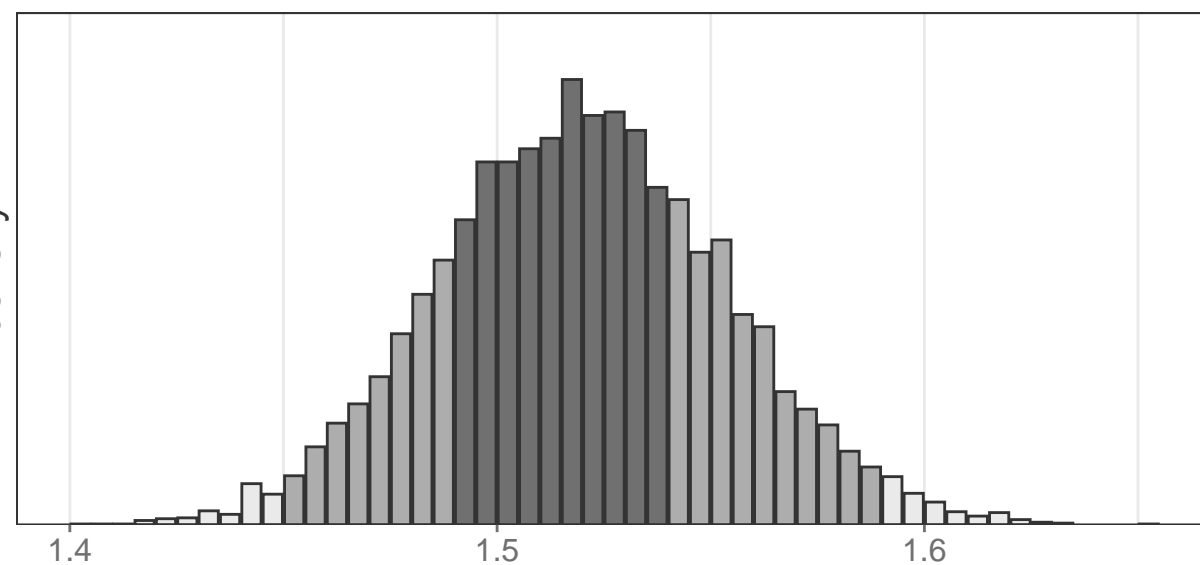


logit(seq. success):  
amplicon VL coeff. ( $\alpha^{\text{amplicon-vl}}$ )

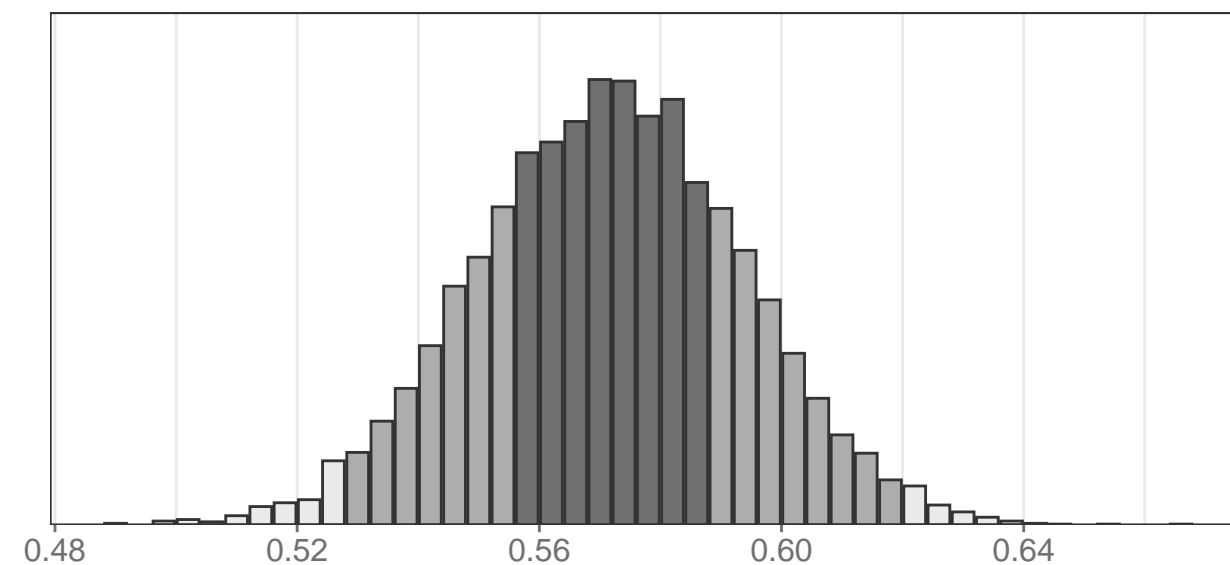


logit(seq. success):  
bait capture VL coeff. ( $\alpha^{\text{bait-vl}}$ )

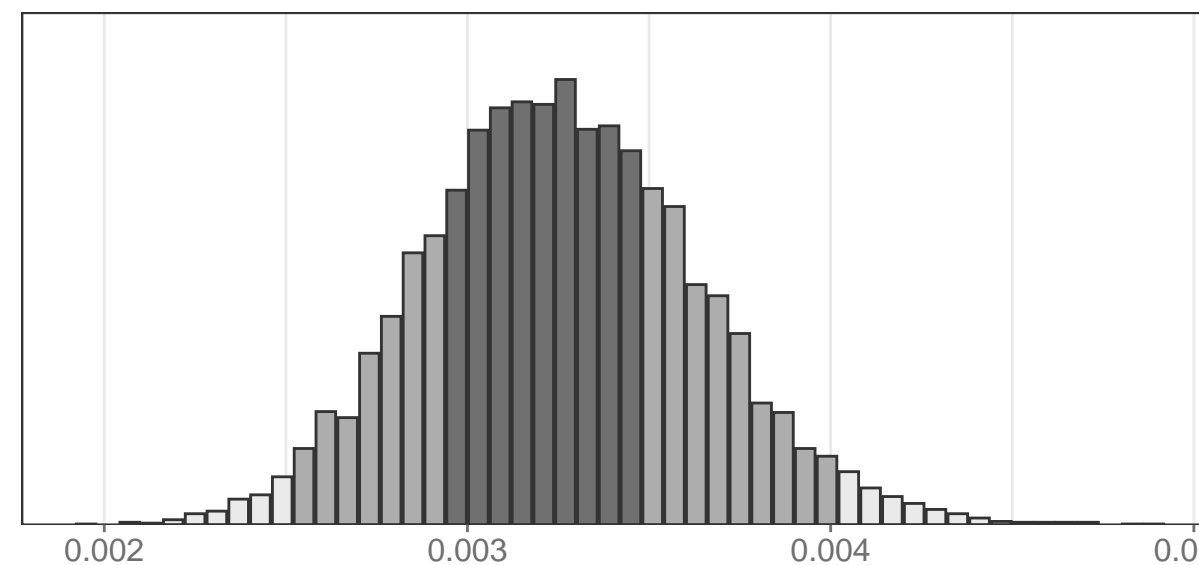
density



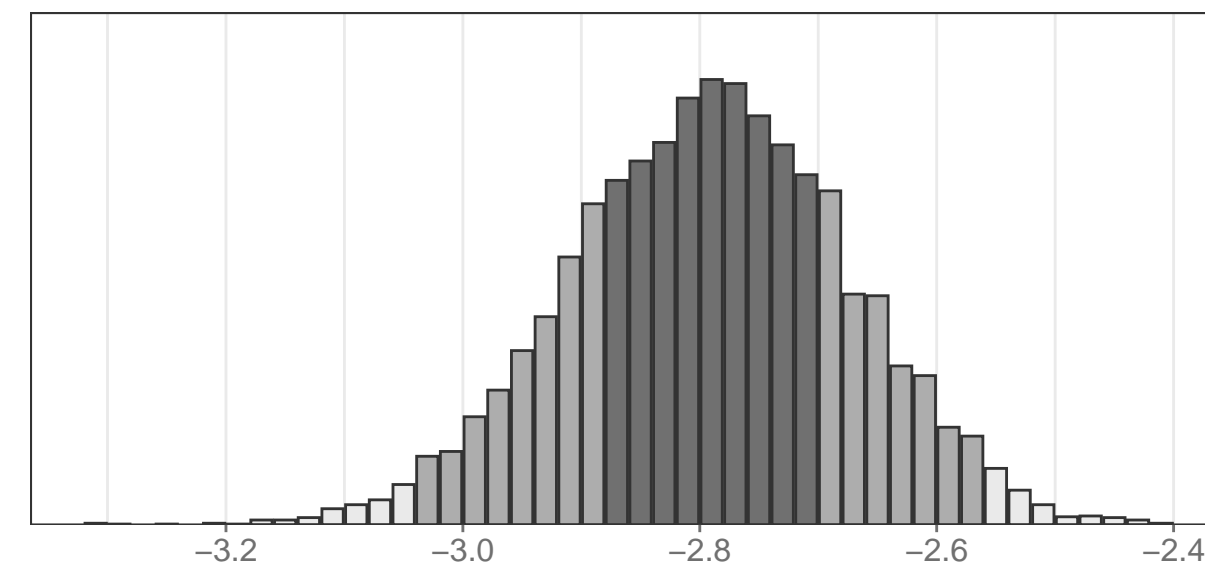
logit(seq. success):  
random effects std. dev. ( $\sigma_\alpha$ )



false negative rate ( $\lambda$ )



false positive rate ( $\epsilon$ )



logit(prob. MI):  
intercept ( $\delta_0$ )