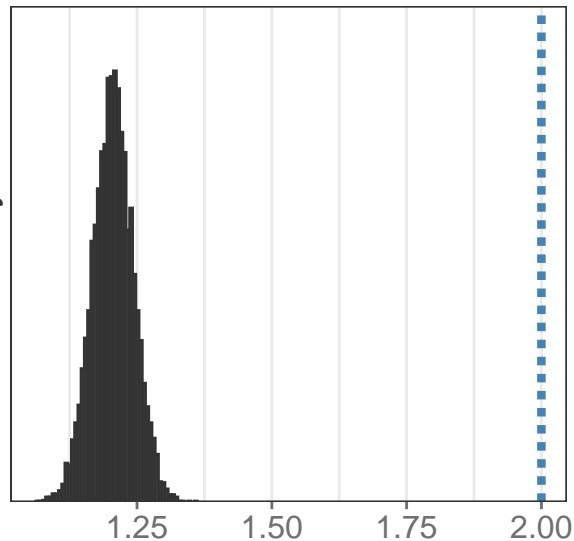
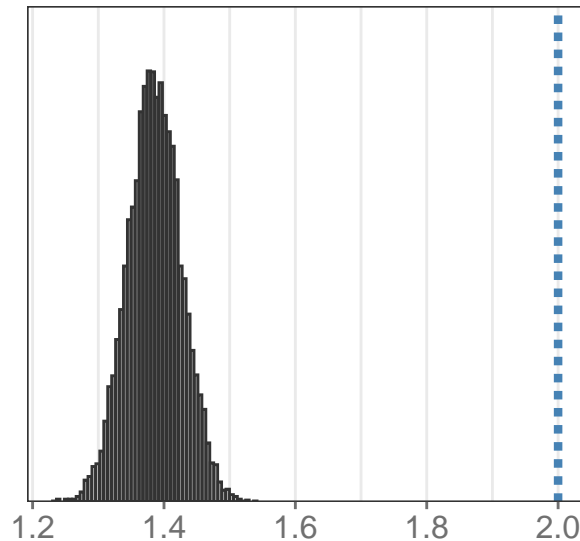


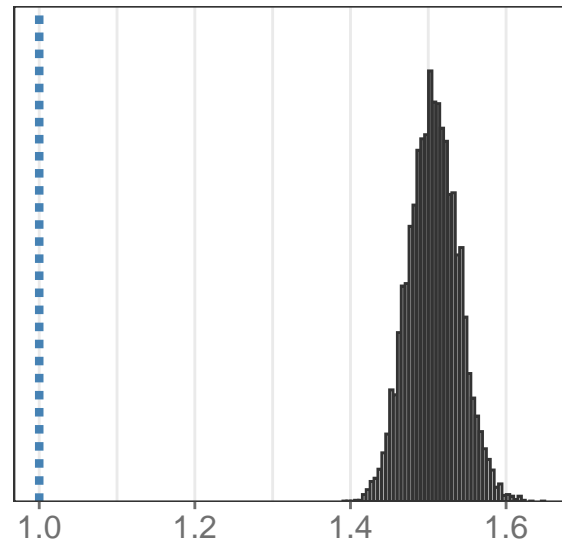
density



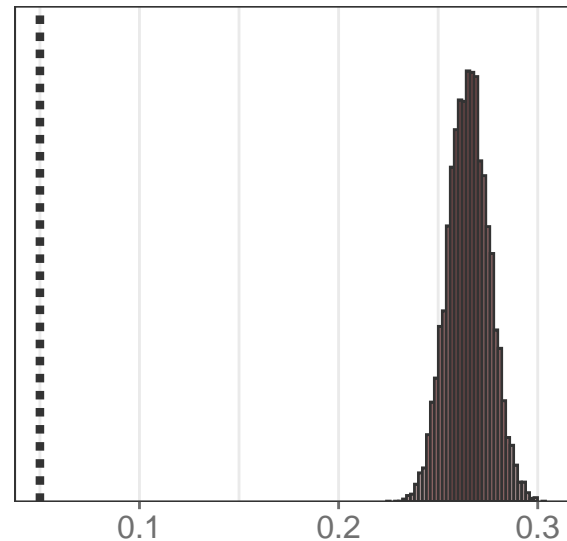
logit(sequencing success):  
intercept ( $\alpha_0$ )



logit(sequencing success):  
VL coefficient ( $\alpha_1$ )



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



prevalence of  
multiple infections ( $\bar{\delta}$ )