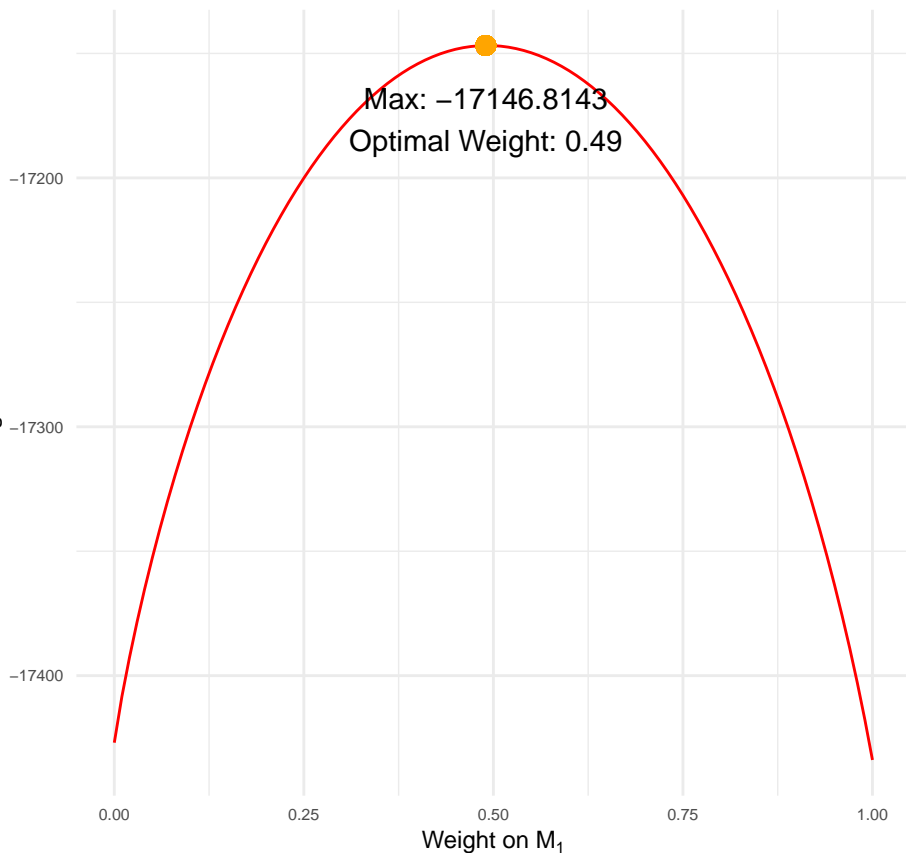


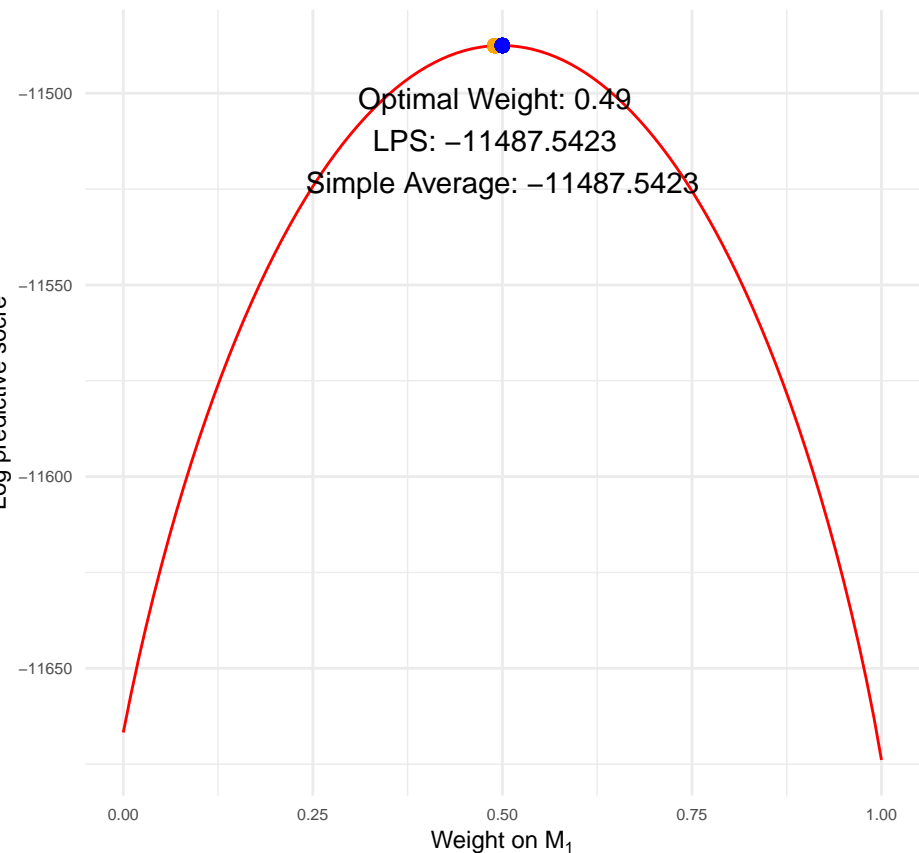
The density combination of Model 1 and Model 2

Log socre



N = 10000, $\beta_1=2$, $\beta_2=2$, $\text{var}(X_1)=1$, $\text{var}(X_2)=1$, $\text{cov}(X_1, X_2)=0.3$

Log predictive socre



N = 10000, $\beta_1=2$, $\beta_2=2$, $\text{var}(X_1)=1$, $\text{var}(X_2)=1$, $\text{cov}(X_1, X_2)=0.3$