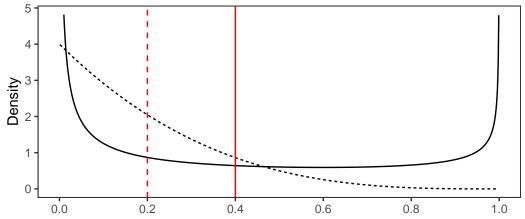Different beta prior parameter choices

Prior parameters — a=0.4, b=0.6 ···· a=1, b=4

Red vertical lines indicate mean values of priors.