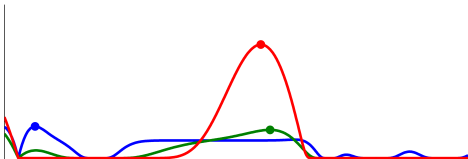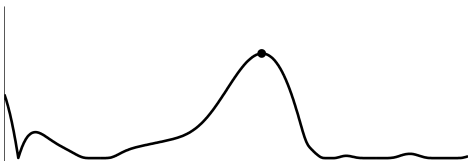(a) Posterior samples under varying hyperparameters

(b) Expected improvement under varying hyperparameters

(c) Integrated expected improvement