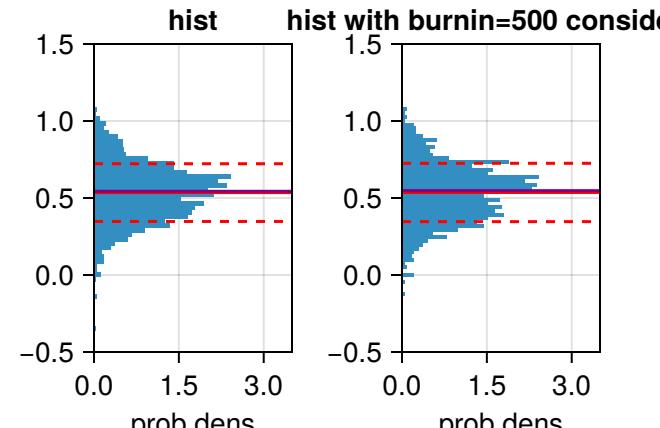
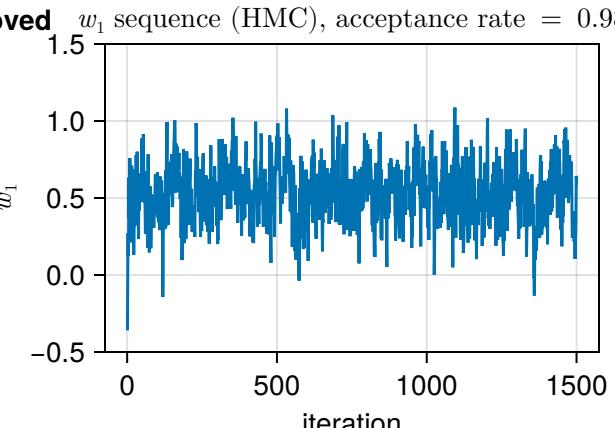
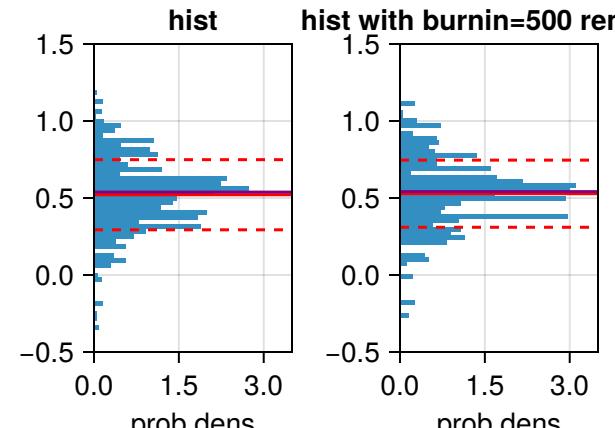
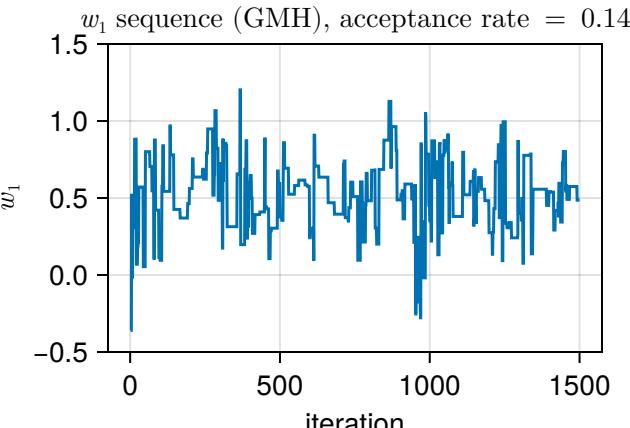
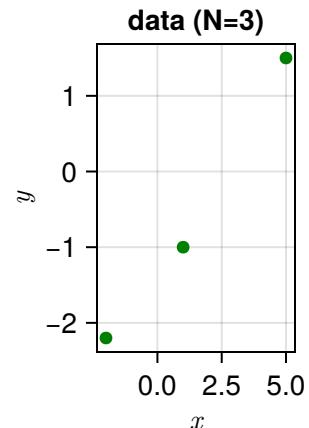
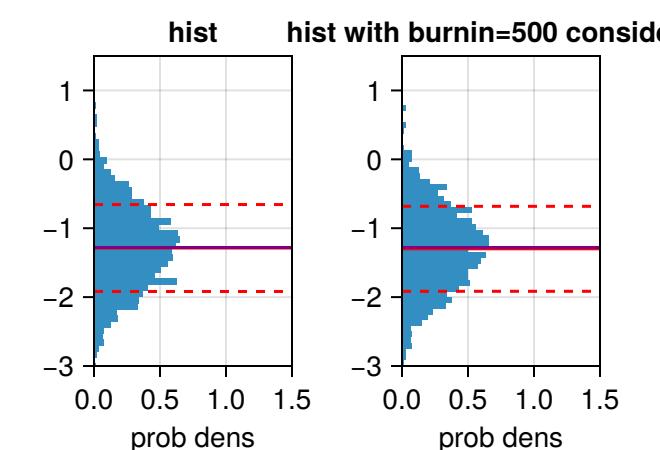
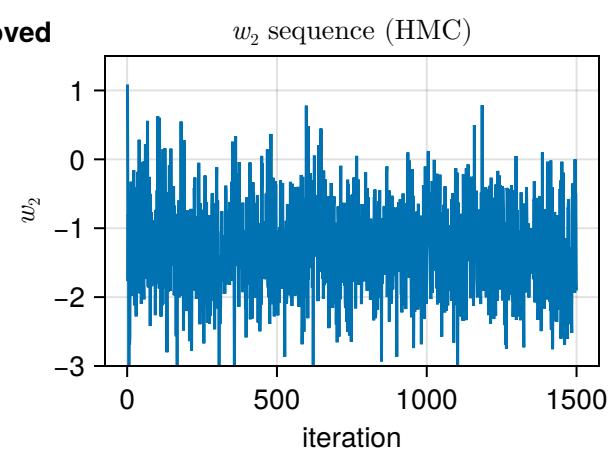
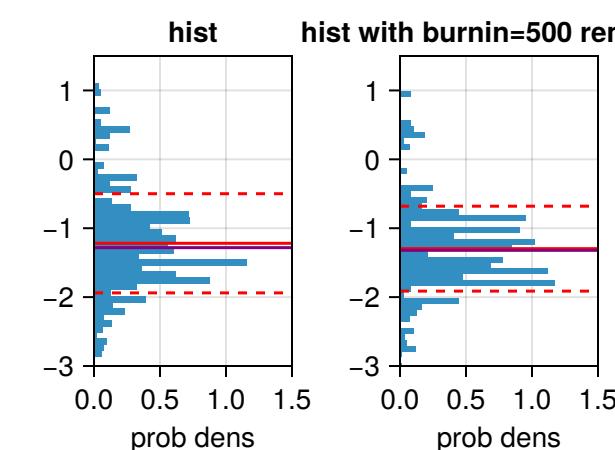
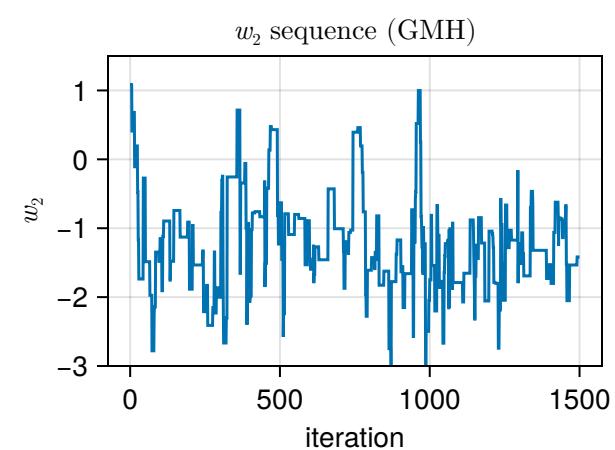


### logistic regression (red: mean, purple: median, red dash: mean±std)

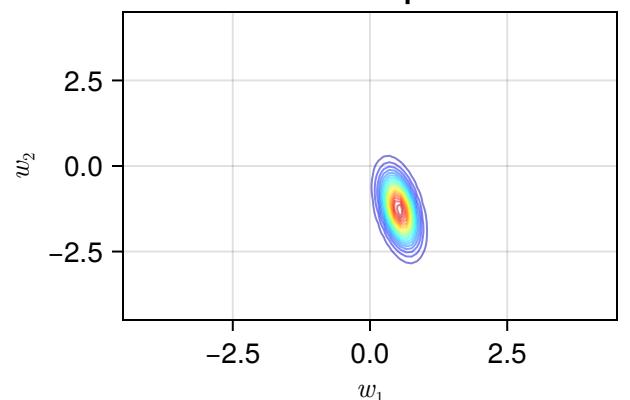


**function form**

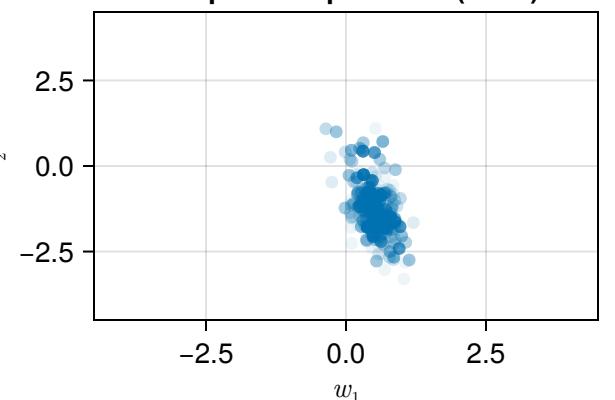
$$f(x|w_1, w_2) = w_1 x + w_2$$



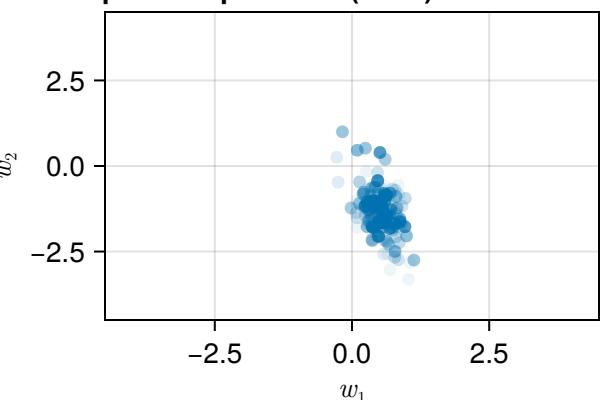
**unnormalized posterior**



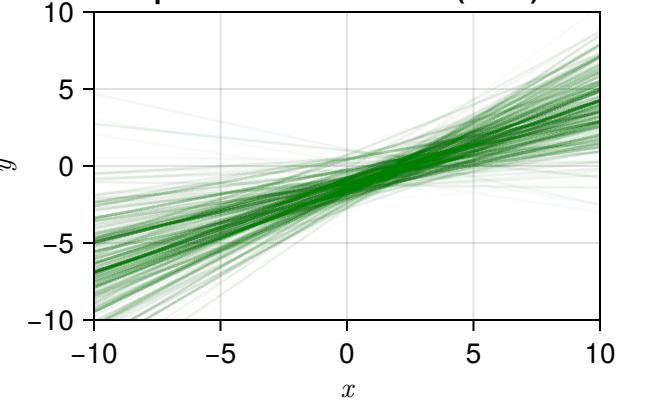
**sample from posterior (GMH)**



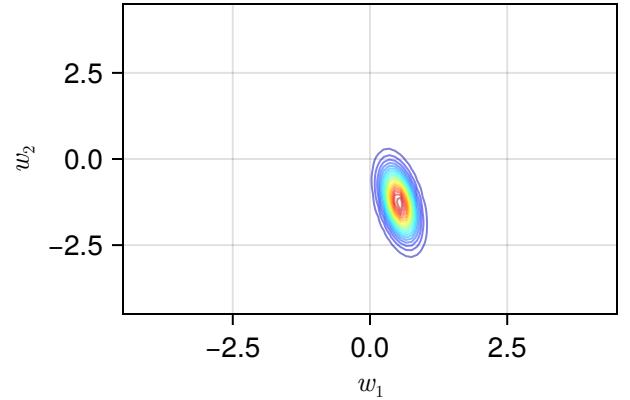
**sample from posterior (GMH) burnin excluded**



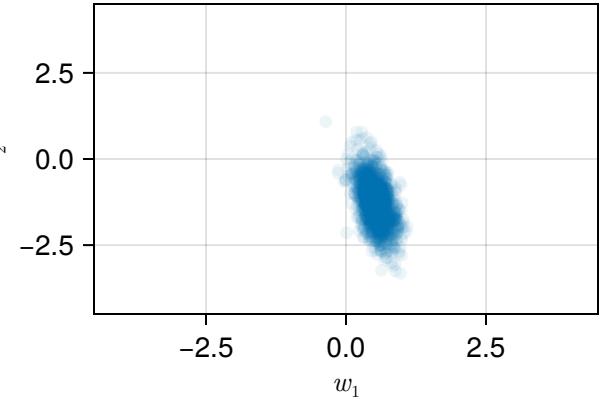
**predictive distribution (GMH)**



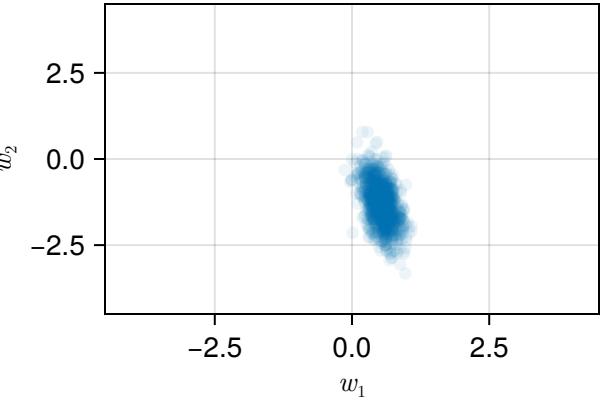
**unnormalized posterior**



**sample from posterior (HMC)**



**sample from posterior (HMC) burnin excluded**



**predictive distribution (HMC)**

