Observe y:= f(xi) + E; , E; ~ N(0, 02) for unknown *f.

P(f) ~ 6P(0, c). 4 y: ~ N(fi, 02)

Postenior: Likelihood: P(yIF) = N(F, 02I) P(f) ~ UP(0, c)

> exp{-\frac{1}{2} \ \frac{(y-\epsilon)^2(y-\epsilon)}{\sigma^2}\] cxp{-{-{(f'c-1f)}}

P(fly) & P(ylf) P(f) = exp{-}{-}[f'|=+c')f'-f'(+)+...]} ~ N (元+ (一)(り) (元) (元+ (一)