Откус Байес 1 пятница, 26 января 2024 г. 20:03 (assica $P(x|\theta=(\mu,\sigma))$ Tutesence con stant Bayesian interence - randour væriable prior posterior likelihood Holy (Trail X = 1x1, ..., xn) - data

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Bayesian P(XIA) = 1 + (XiIA)

we starts 6. -? Maximun Likelihood Estimation (MLE) OMLE = arg max P(X(O) Sagesian coin Q E [0,1] P(+ (x) Cicelihood posterior 大 marginalizing P(x10).p(0)

Hout 0 is high-dimensional (e.g. NN) is hard but we have compliters 2) numerical integration 2) Monte - Carlo $P(X(\theta)) P(\theta)$ Sample + > accept > = Loinit, Vinitial new > reject > ... () = \ Oinitaal) Samplifua F Probabilistic Montaming PyMC, Stan) - anpropual Dyenka noctepuopual O gen Ken $X_h = X_1 + X_2 + \dots + X_n$ k! (u-k)! (f(x)) + (f(x)) + (f(x)) $\frac{1}{\sqrt{(x-1)+k}}$ when (likelihood, Prior arc such posterior E the same feeniely Ces the Prior (Beta) PTDOR cend - Such Cerc Called likelihood coujuante (Binomial) (coupaxennole)