







De this fit o hyperparameter for inference Finished Beta - Binomial F = Geometric > X10 ~ ) = 301/2 = No "failures" Not > x 1 X,10 3..., Xnld in Geo (0) P(XIA)= 1 (1-0) xi = (1-0) Zxi = b (10) 2 beta (n+ d) 57 x (+ B) 3 beta is also the conjugate pior for the geometric r.v. XI DS: Xhld i'd (som (b) hypers

Ol XIS: Xhld i'd (som (b) hypers

Ol XIS: Xhld i'd (som (b) hypers

Ol XIS: Xhld i'd (som (b) hypers

Brims = d+n
d+n+B+ZX Haldone DN Beta h = h

10)2