## Beta Distribution - Introduction

6 prob distribution of probes

Weather Shod

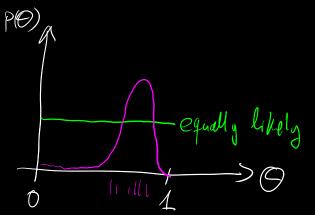
W~ Bernoull; (0)

O. prob of observing good (e.g. 0=0.7)

One you  $\theta = 6.7$ another per 0 = 0.9

P(0=0.8)= prob of observing god weater with 80% drance

GE[0,1]



C> Deta DBY

GWBeta (G;  $\alpha$ ,  $\beta$ )  $\otimes$   $\otimes$   $\times$  -1  $(1-9)^{\beta-1}$ 

Beta  $(\theta, d, \beta) = \frac{1}{8(d, \beta)}\Theta$  (1-0) Beh Dist Bola Fraction