- 4. N=500 college students x=0, x=1 (decreased stass)
 - a. XI:n le ~ Bernoulli (vi)
 - b. It's reasonable to assume the

 students are iid. The observed

 event of decreased strued is

 a bernoulli event of prob oi

 where oi is the prob that

 stress of reasonable to believe hot

 all that have the same o).
 - c. The pilot study is our prior study. Thus roughly 50% had a reduction in stress.

o ~ Beta (a, b)

n=4
our hyp. somple, the prior
2 success
is an Defa (2,2).