Example

(b)
$$\hat{\beta} = \frac{4}{m} = \frac{17}{116} = \frac{146}{116} = \frac{17}{116} = \frac{17}{1$$

$$T(b) = \text{Beta}(a,b) \propto b^{a-1} (1-b^{a-1})$$

$$L(y|b) = \binom{m}{y} b^{y} (1-b)^{m-y}$$

$$T(b|y) \propto L(y|p) T(b) b^{a-1} (1-b)^{b-1}$$

$$X(y) b^{y} (1-b)^{n-y} b^{a-1} (1-b)^{b-1}$$

$$A(y) a^{a-1} (1-b)^{b-1} b^{a-1}$$

$$A(y) a^{a-1} (1-b)^{a-1}$$

$$A(y)$$

a+y 6+n-7

For
$$a=.5$$
 $b=.5$ (mon-informable prix)

Poskeier mean = $\frac{a_1}{a_1+b_1}$ = . 1495