



$$\begin{aligned} & \text{c)} P(p>0.5) \cup P(p>0.5|y_1, \dots, y_5) \\ & \text{р-р-са: корасет башине} \\ & E(y_1, \dots, y_5|p) = \sum_p p \cdot d_{p,y_1, \dots, y_5} \cdot \frac{1}{p} \\ & \text{ВЫСПЛАГОСБ (Р14 ПОТОМ 5)} \\ & \sim f(y_1|p) \cdot f(p) = p \cdot (1-p) \cdot p_1 \cdot \dots \cdot p_5 \cdot (1-p) \\ & \sim 20 p^3 (1-p)^5, \text{р-р-са!} \\ & \sim P(p>0.5) \end{aligned}$$

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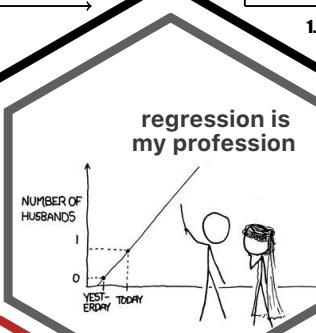
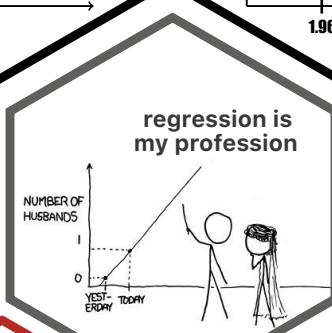
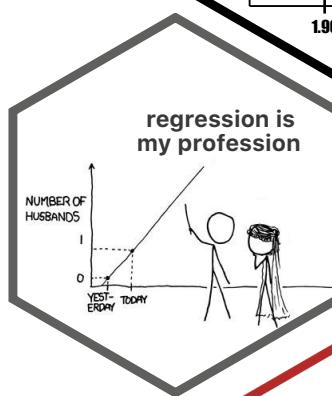
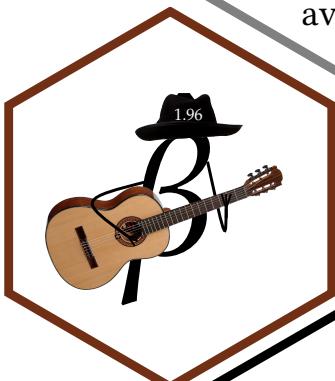
Be greater than
average

$$B > \frac{1}{n} \sum_{i=1}^n x_i$$

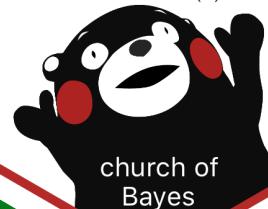
Be greater than
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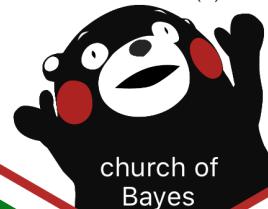
$$B > \frac{1}{n} \sum_{i=1}^n x_i$$


$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$



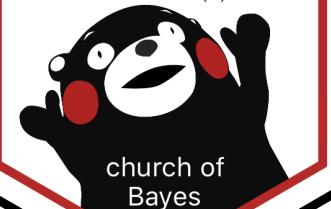
church of Bayes

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church of Bayes

$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$



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