

Stat 230

May 21 Demo/ Practice problems

All the problems are ungraded.

Pr. 1 In the United States, 44% of the population has type O blood. Suppose a random sample of 12 persons is taken. Find the probability that exactly 6 of the persons will have type O blood.

- a) using binomial distribution.
- b) using normal approximation.

Pr. 2 Pitman 2.2.1

Pr. 3 Pitman 2.2.2

Only redo a) and c).

Pr. 4 Pitman 2.2.4

Pr. 5 Pitman 2.2.9

Pr. 6 Pitman 2.2.12