Class Notes

This time: probability & statistical models for means
Next time: probability & statistical models for percentages
Reading: FPP ch 20, 21

[continue on CS 9] Hypokalemia

Q1: \( P(\text{misdiagnosis with } n=1) = \frac{\text{mean } (\bar{y}) < 3.8}{\text{mean } (\bar{y})} \)
\( A_1: \)

\[ \text{SD} = 0.2 \]
\[ \text{Population: all possible potassium readings on blood} \]

Q2: \( P(\text{misdiagnosis with } n=4) \)
\( A_2: 0.15\% \)

Q3: Cost worth it?
\( A_3: \text{No, if you're low on potassium, you'll just have to eat beans!} \)

\( \text{Misdiagnosis isn't so bad} \)