Panel 1
Puparton
Char: Stat. test that applies to nou-umneric vars.
How Comichr Unis as un espeniunt where you repeat one procas aquino aquin. That process hus 2 out comes ( $1=$ Success, $Q=F$ arlene)
Tent:

$$
\begin{aligned}
& H_{10} \text { pop. } 4 \text { scan - \# ( } \mathrm{K}_{2} \text { ) } \\
& H_{4} \text { : prop.of sucurs } \& A(1 / 2) \\
& z_{1} r t_{1}=\bar{x}-\pi
\end{aligned}
$$

Panel 2
We conduct a survey to ask people if the yare for or against Hydraulic fracturing in a particular county. The survey asked 265 people, 116 came ou for pe practice, 149 against. Conduct a statistical test to check if the people are evenly divided on this issue. Bused on your results, decide that if you were to advise a congress person to represent her district accurately, would you advise her to vote for or against the practice, or should she

$$
\begin{aligned}
& \text { abstain? } \\
& \quad S=F \text { or } \Rightarrow 116 / 26 T=0.437
\end{aligned}
$$

$$
\begin{aligned}
& p=2 P(z \geq 2.0 r)=2 \cdot 0.02=0.04 \Rightarrow \text { depict } H_{6}
\end{aligned}
$$

Panel 3
Fin cow 200 hims. $\operatorname{Get} 944,106$ IsS)


