Stats 10 Homework 7 Yongqian Li 004997466 there is sufficient evidence to suggest that sample -- population (5) find the p-value: \\P= Prob (Z=> 10.75) \(\sigma 0.00 (5) Conclusion: 190,00 < 0.05, the null hypothesis is rejected, there are more than half of people form the death penalty. Haim p < 33% No, because there we more than half of people favor the skatt penulty occarring to those is sufficient evidence to suggest that 2-1.90 38, a. Ho: P= 0.50 (A), because we want Ha: p = 0.50 In The axidents are separate, so they are the rate changed, so two ends random and independent; 62 > 10, 100-62=38 > 10, should be checked (Ha is p = 88%) 10×100 = 1000 and there are more than 1000 accidents. Ho is P=88% (0.50 · (1-0.50) (A) Yes, because it p-volume P(3) > 9.4)=1.0082×9=0.0164 to a rectical line in the graph plot. -50.0164 < 0.05 This is the p-value of a one and . The Ho is rejected. There is sufficient evidence one-sided alternative hypothesis. to suggest that the percentage of plane crashes, (B). Yes, because it correspond to some EZO. The to pilot error is not 51% This is the p-value of a one-sided alternative hypothesis. 10.50-01-0.50 190 30 36 a OJHypothesize: Ho; p= 50% 13 -0.50% Ha: p > 50% (9) Prepare. Type: one-proportion Z-test Check conditions. The people are randomly is the figure of polled, so the results are random and getting 16 Independent; 50% · 2001 = (1-50%). 2001 = 1000.5 > 10; of getting 18 1241710, 2001-1241710; 10.9001=20010, and 1 there are there are more than 20010 people in the than when population. =10.75 150. The uses the one-proportion z-test, but the conditions are not finet.

