8- Hypothesis Testing Tuesday, March 23, 2021 4:54 PM Hypothesis: Testing whether or not a claim is valid. Ex * Most people get their job through computer. VB > 0.50 the average payload of trucks on highway is 18000 lbs. M = 18000 llos. Parts of Hypothens. 1) Null hypothens !- (Ho) → states that the population purameter (mean & propution) is equal to some value. 9: Ho: H= 5 , Ho: p= 0.5 Note: How to test Hypothenist--> start by assuming the new hypothese Ho is true. then, Use endence to reach a conclusion. · Reject Ho. : 'I have enough evidence. to prove Ho is wrong. Canvot accept. Fail to Reject to : "I don't have evorgh eridence to prove the is wrong " Altanative Hypothenist. states that the parameter (1, b) has a value different than Ho. $(<,>,\neq)$

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