Exercise

1

a)

H0: Customers choose each type of snack with equal probability.

H1: Customers do not choose each type of snack with equal probability.

b)

A white paper with black text and numbers

Description automatically generated

c)

H0 states that all snack types are chosen equally with 0.25 probability. The p-value = 0.08966, which is higher than the significance level of α = 0.05. Therefore, we do not reject H0.