Statistics Midterm 1 Cheat Sheet

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One Sample Tests About Binomial Probablities

The Location Of the Population

One Sample Tests About Multio-nmial Probablities

The P-value

Reject H0: P-value < α

Hypothesis Testing Left Sided

H0: p> po, Ha: P<Po

Critical Region: Reject Ho: if X< c

Pvalue: P(X < xo | p = po)

Hypothesis Testing Right Sided

H0: p < p0 , Ha: P > P0

Critical Region: Reject H0: if X > c

Pvalue: P(X > x0 | p = p0)

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