

# Hypothesis Testing - Likelihood Ratio Warm-Up

$H_0$ : the first distribution is correct

$H_A$ : the second distribution is correct

$x$	$f_X(x)$	$f_X(x)$	Likelihood	
	$H_0$	$H_A$	Ratio	p-value
1	0.2	0.1	2	0.7
2	0.3	0.4	0.75	0.5
3	0.3	0.1	3	1
4	0.2	0.4	0.5	0.2