

ANALYZING CATEGORICAL DATA

⇒ Analyzing One Categorical Variable

• In this we studied about categorical variables

⇒ Two way tables

	A	B	
C	x	y	$x+y$
D	w	z	$w+z$
total	$x+w$	$y+z$	

x, y, w, z can also be percentages.

⇒ Distributions in 2-way table

	b_1	b_2	...	b_j	(a) total
a_1					
a_2					
...					
a_j					
total b					

marginal dist: only looking at the total a or b

conditional dist: condition of one with the other
(represented as %)